

Character	All Languages (%)	Experiment (%)
e	2.7	9.2
a	3.8	8.3
s	3.0	5.4
r	2.0	5.1
t	3.0	5.0
u	4.1	4.8
i	3.5	4.7
n	1.2	4.1
o	2.7	4.0
k	3.0	4.0
l	4.3	3.5
m	3.0	3.0
p	3.8	2.9
d	2.0	2.1
x	1.2	2.0
v	2.5	1.7
g	1.0	1.6
f	2.0	1.6
b	2.8	1.5
w	3.7	1.4
h	1.6	1.3
m	1.3	1.2
e	4.0	1.0
j	1.6	0.9
y	1.5	0.8
q	1.4	0.7
i	0.7	0.6
s	0.7	0.5
d	1.9	0.4
p	0.4	0.4
k	1.3	0.3
z	0.4	0.3
e	0.4	0.3
c	1.0	0.3
o	1.0	0.3
a	0.2	0.2
d	0.2	0.2
e	0.2	0.2
t	0.8	0.2
l	0.7	0.2
v	0.6	0.2
e	0.8	0.2
x	0.8	0.2
y	2.8	0.2
q	0.3	0.2
t	0.5	0.2
c	0.4	0.2
j	0.4	0.2
p	0.4	0.2
h	2.5	0.2
c	0.4	0.2
o	0.3	0.2
a	0.7	0.2
d	0.3	0.2
s	0.3	0.2
q	0.5	0.2
y	0.5	0.2
t	0.7	0.2
k	0.8	0.2
g	0.3	0.2
d	0.4	0.2
j	0.2	0.2
e	0.2	0.2
m	0.2	0.2
c	0.2	0.2
q	0.2	0.2
y	0.5	0.2
o	0.6	0.2

Appendix 2 - Prior Frequencies

[illegible]

Appendix 2 - Prior Frequencies

y → qa

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

qa → u:

Rain.Primary							
p	l	qa	-	-	j	e	-
p	l	u:	-	f	-	-	-

ej → j

Hair.Capillus							
c	a	v	ej	-	-	-	-
ʃ	i	v	j	-	-	a	-

ej → α

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

ej → aj

Ear.Primary							
o	ʁ	ej	-	-	-	-	-
ɔ	R	aj	-	-	-	-	-

ej → i

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

ej → ě

Breast.Primary							
s	ej	-	u	-	-	-	-
s	ě	-	-	-	-	-	-

ej → ø

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

ej → a:

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

vj → εj

Red.Vermiculus							
v	i	r	m	vj	-	Λ	u
v	ε	ʁ	m	εj	-	-	-

vj → aj

Ear.Primary							
o	r	vj	-	-	Λ	ʁ	-
ɔ	R	aj	-	-	-	-	-

Appendix 2 - Prior Frequencies

qa → ø

Tail.Primary				
c	qa	d	ə	
k	ø	-	-	

ej → i

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

ej → a:

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

y → ɥ

Fruit.Primary							
f	ʀ	y	-	-	-	-	-
f	ʁ	ɥ	i	-	-	-	-

y → i

River.Rivus				
ʁ	y	-	-	-
r	i	-	w	-

y → ø

Moon.Primary			
l	y	n	-
l	ø	n	-

y → i:

River.Rivus				
ʁ	y	-	-	-
r	i:	w	u	s

i → a

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

i → ɛa

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

i → qa

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

i → ej

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

Appendix 2 - Prior Frequencies

i → ej

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

ej → ø

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

qa → i

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

qa → y

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

qa → ɔj

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

ɔj → qa

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

au → o:

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

œ → ɔj

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

œ → ε

Woman.Primary									
f	œ	-	m	-	-	-	-	-	-
f	ε	-	m	i	-	n	-	ε	-

œ → e:

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

α → ɛa

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

Appendix 2 - Prior Frequencies

$\alpha \rightarrow \epsilon j$

Three.Primary

t	ʁ	w	α	-
t	r	-	εj	-

$\alpha \rightarrow i$

ToDrink.Primary

b	w	α	-	-	ʁ	-
b	-	i	β	e	r	-

$\alpha \rightarrow \mathfrak{z}$:

Heart.Anima

α	-	-	m	-
z:	-	-	m	-

$\alpha \rightarrow a$:

ToCut.Taliare

t	α	j	-	-	e	-
t	a:	-	l	i	a:	r e

$\alpha \rightarrow i$:

Liver.Primary

f	w	α	-	-	-	-
f	-	i:	k	a:	t	u m

$\epsilon a \rightarrow \alpha$

ToDrink.Primary

b	-	εa	-	-	-	-
b	w	α	-	-	ʁ	-

$\epsilon a \rightarrow aj$

Fog.Caecia

ʃ	εa	ʃ	-	ə
k	aj	k	i	a

$\epsilon a \rightarrow i$

ToDrink.Primary

b	-	εa	-	-	-	-
b	-	i	β	e	r	-

$\epsilon a \rightarrow i$:

Snow.Primary

n	-	εa	-	-	-
n	-	i:	f	-	-

$oj \rightarrow \epsilon j$

ToRub.Primary

f	r	oj	-	-	-	-
f	ʁ	εj	e	-	-	-

$oj \rightarrow \mathfrak{a}$

ToRub.Primary

f	r	oj	-	-	-	-
f	r	ə	g	a	-	-

Appendix 2 - Prior Frequencies

aj → ɛa

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

aj → ej

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

aj → ɐj

Ear.Primary					
ɔ	ʀ	aj	-	-	-
o	r	ɐj	-	ʌ	ɐ

aj → ɐ

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

aj → i

Ear.Primary					
ɔ	ʀ	aj	-	-	-
o:	r	i	-	k	l

ɔa → ɥ

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

i → y

River.Rivus			
r	i	-	w
ʁ	y	-	-

ɔj → œ

Leaf.Primary				
f	-	ɔj	-	-
f	-	œ	j	-

i → õ:

Blood.Primary						
s	i	n	ɖʒ	-	e	-
s	õ:	-	g	-	-	-

i → ẽj

In.In	
i	n
ẽj	-

ẽj → ə

In.In	
ẽj	-
ə	n

Appendix 2 - Prior Frequencies

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

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

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

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

$\tilde{e}j \rightarrow i$

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

$\tilde{e}j \rightarrow \text{ə}$

In.In	
$\tilde{e}j$	-
ə	n

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

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

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

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

$\tilde{e} \rightarrow ij$

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

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

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

$\tilde{e} \rightarrow u:$

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

$\tilde{v}j \rightarrow i$

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

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

Tongue.Primary					
l	\tilde{a}	-	g	-	-
l	$\tilde{e}u$	-	-	-	-

Appendix 2 - Prior Frequencies

ã → ë:

Ash.Primary							
s	ã	-	-	d	ʁ	-	-
s	ë:	-	-	d	-	-	-

ã → u:

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

ã → e:

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

ẽ → ij

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

ẽ → ej

Breast.Primary				
s	ẽ	-	-	-
s	ej	-	u	-

ẽ → ẽj

Not.Nec		
n	ẽ	-
n	ẽj	-

ẽ → ẽj

Not.Nec		
n	ẽ	-
n	ẽj	-

ẽ → ε:

Full.Primary					
p	l	ẽ	-	-	-
p	j	ε:	n	o	-

õ → w

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

õ → œ

One.Primary			
õ	-	-	-
œ	-	-	-

ã → ò:

Blood.Primary								
s	ã	-	-	-	-	-	-	-
s	ò:	-	g	-	-	-	-	-

Appendix 2 - Prior Frequencies

ã → i

Belly.Pantex							
p	ã	-	s	-	-	-	-
p	i	n	t	e	ʃ	e	-

œ → u:

One.Primary			
œ	-	-	-
u:	n	u	s

œ → õ

One.Primary			
œ	-	-	-
õ	-	-	-

i → ěj

In.In	
i	n
ěj	-

i → ε:

What.Primary			
k	-	i	-
k	w	ε:	-

i → ɔ

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

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	-	ts	i	n	-	-

i → a:

Hand.Primary				
m	i	n	ə	-
m	a:	n	o	-

e → aj

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

e → ɔ:

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

Appendix 2 - Prior Frequencies

ə → εj

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

ə → ɪ

I.Primary		
ʒ	ə	-
ɕʒ	ɪ	-

ə → oj

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

ə → ẽj

In.In	
ə	n
ẽj	-

ə → ẽj̃

In.In	
ə	n
ẽj̃	-

ə → ɔ

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

ẽɥ → ă

Tongue.Primary					
l	ẽɥ	-	-	-	-
l	ă	-	g	-	-

ẽɥ → ε

Tongue.Primary					
l	ẽɥ	-	-	-	-
l	ε	n	g	-	ε

ẽɥ → e

Tongue.Primary					
l	ẽɥ	-	-	-	-
l	e	ɲ	g	w	a

õ: → i

Blood.Primary							
s	õ:	-	g	-	-	-	-
s	i	n	ɕʒ	-	e	-	-

õ: → ă

Blood.Primary							
s	õ:	-	g	-	-	-	-
s	ă	-	-	-	-	-	-

Appendix 2 - Prior Frequencies

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

Ash.Primary							
s	$\tilde{e}:$	-	-	d	-	-	-
s	\tilde{a}	-	-	d	\mathfrak{x}	-	-

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

Ash.Primary							
s	$\tilde{e}:$	-	-	d	-	-	-
s	ε	n	-	d	r	\mathfrak{a}	-

$\tilde{e}: \rightarrow i$

Ash.Primary							
s	$\tilde{e}:$	-	-	d	-	-	-
k	i	n	e	-	r	e	m

$\tilde{e}: \rightarrow e$

Ash.Primary							
s	$\tilde{e}:$	-	-	d	-	-	-
\mathfrak{t}	e	n	e	-	r	e	-

$i \rightarrow \tilde{a}$

Belly.Pantex							
p	i	n	t	e	\mathfrak{t}	e	-
p	\tilde{a}	-	s	-	-	-	-

$\tilde{o} \rightarrow \emptyset$

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

$\mathfrak{I} \rightarrow \mathfrak{a}$

I.Primary			
\mathfrak{d}	\mathfrak{I}	-	-
\mathfrak{z}	\mathfrak{a}	-	-

$\varepsilon j \rightarrow \varepsilon$

Red.Vermiculus									
v	ε	\mathfrak{x}	m	εj	-	-	-	-	-
b	\mathfrak{a}	r	m	ε	-	-	\mathfrak{A}	-	-

$x \rightarrow i:$

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

$c \rightarrow \theta$

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

$c \rightarrow \mathfrak{d}$

ToSuck.Primary				
c	u	c	a:	-
s	u	\mathfrak{d}	e	-

Appendix 2 - Prior Frequencies

c → p

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

y → t

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

y → i:

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

θ → h

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

θ → c

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

θ → ʒ

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

θ → d

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

x → t

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

z → dz

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

z → t

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

ʌ → ɪ

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

Appendix 2 - Prior Frequencies

ɖ → dz

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

ɖ → g^w

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

ɖ → h

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

ɖ → c

ToSuck.Primary					
s	u	ɖ	e	-	-
c	u	c	a:	-	-

ɖ → ʈʂ

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

ɖ → f

Rain.Primary					
p	j	o	d	ɖ	-
p	l	u:	-	f	-

ʒ → dz

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

ʒ → θ

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

z → j

ToLieAsInABed.Iacere							
z	ə	-	ʈʂ	ɛ	a	-	-
j	a	-	θ	e	r	-	-

x → d

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

x → g

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

Appendix 2 - Prior Frequencies

$x \rightarrow dz$

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

$dz \rightarrow x$

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

$dz \rightarrow z$

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

$dz \rightarrow dʒ$

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

$dz \rightarrow ʒ$

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

$g^w \rightarrow dʒ$

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

$g^w \rightarrow b$

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

$g^w \rightarrow k$

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

$k^j \rightarrow t$

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

$ʃ \rightarrow f$

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

$ɥ \rightarrow ɔa$

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

Appendix 2 - Prior Frequencies

ɥ → y

Fruit.Primary						
f	ɤ	ɥ	i	-	-	-
f	ɤ	y	-	-	-	-

h → θ

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

h → dʒ

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

h → k

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

h → w

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

h → r

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

j → z

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

j → g

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

k^w → d

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

ɬ → ʎ

Full.Primary				
p	ɬ	ɛ	-	-
-	ʎ	e	n	o

ɬ → r

Sun.Primary				
s	ɔ	ɬ	-	-
s	ɔa	r	e	-

Appendix 2 - Prior Frequencies

ɫ → r

Ice.Primary

ʒ	ɛ	ɫ	-
ɖʒ	e	r	-

ts → ʃ

Belly.Pantex

p	a	n	ts	-	-	e	-
p	a	ɲ	ʃ	-	-	ə	-

ʒ → f

Rain.Primary

p	l	u	-	ʒ	-	ə
p	l	u:	-	f	-	-

ɪ → ʒ

ToBurn.Incendere

ĩ	-	s	e	n	ɖʒ	ɪ	a	r	-
i	n	ɸ	i	n	d	ʒ	e	-	-

ʒ → s

ToWipe.Extergere

ə	-	s	t	ə	r	ʒ	i	-	-
e	-	s	t	a	r	s	i	r	-

ʒ → ɪ

ToBurn.Incendere

i	n	ɸ	i	n	d	ʒ	e	-	-
ĩ	-	s	e	n	ɖʒ	ɪ	a	r	-

j → o

Eye.Primary

-	ɔ	k	k	-	j	o	-
-	o	-	x	-	o	-	-

w → h

ToPull.Trahere

t	r	ɛ	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 → ɔ̃

ToHear.Primary

w	-	-	i	ɤ	-
ɔ̃	-	-	-	ɤ	-

w → u:

Bird.Avicellum

-	a	w	i	-	k	-	e	l	l	u	m
-	-	u:	-	-	h	-	ɛ:	-	-	-	-

Appendix 2 - Prior Frequencies

$l \rightarrow o$

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

$r \rightarrow h$

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

$r \rightarrow \text{ɫ}$

Ice.Primary			
ɕ	e	r	-
ʒ	ɛ	ɫ	-

$r \rightarrow s$

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

$\text{ɲ} \rightarrow m$

All.Primary				
o	ɲ	ɲ	i	-
o	m	n	i	s

$j \rightarrow \epsilon$

Hair.Capillus						
ʃ	i	v	j	-	-	a
k	ə	b	ɛ	-	ʌ	-

$m \rightarrow \text{ɲ}$

All.Primary				
o	m	n	i	s
o	ɲ	ɲ	i	-

$n \rightarrow b$

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

$n \rightarrow k$

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

$ij \rightarrow \tilde{e}$

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

$ij \rightarrow \tilde{e}$

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

Appendix 2 - Prior Frequencies

iw → ε

Seed.Granum						
g	r	iw	-	-	-	-
g	ʁ	ε	n	-	-	-

iw → a:

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

iw → i

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

εj → oj

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

εj → ej

Red.Vermiculus						
v	ε	ʁ	m	εj	-	-
v	i	r	m	ej	-	Λ u -

εj → ə

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

m → e

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

j → ø

Hair.Capillus						
ʃ	i	v	j	-	-	a -
ʃ	ə	v	ø	-	-	-

j → ej

Hair.Capillus						
ʃ	i	v	j	-	-	a -
c	a	v	ej	-	-	-

s → r

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

ʃ → dʒ

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

Appendix 2 - Prior Frequencies

f → ʃ

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

f → ts

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

b → g^w

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

b → n

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

f → dʒ

Rain.Primary					
p	l	u:	-	f	-
p	j	o	d	dʒ	-

f → ʒ

Rain.Primary					
p	l	u:	-	f	-
p	l	u	-	ʒ	-

g → j

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

g → x

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

d → k^w

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

d → x

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

d → θ

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

Appendix 2 - Prior Frequencies

p → c

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

k → g^w

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

k → h

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

k → n

Knee.Genuculum						
ɕ	-	i	n	ɔ̌	k	k - j o -
ɕ	-	e	n	u	n	k ^j - - -

r → ɭ

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

r → ɭ

Sun.Primary				
s	ɔ̌a	r	e	-
s	ɔ̌	ɭ	-	-

t → k^j

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

t → x

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

t → y

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

t → z

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

s → ʒ

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

Appendix 2 - Prior Frequencies

ʒ → w

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

õ → u:

One.Primary			
õ	-	-	-
u:	n	u	s

ɭ → r

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

ε → iw

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

ɔ: → i

Heart.Anima				
ɔ:	-	-	m	-
i	n	i	m	ə

o: → aʊ

Few.Primary				
p	o:	k	-	-
p	aʊ	k	u	s

i → iw

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

ɔ: → u

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

ø → j

Hair.Capillus						
ʃ	ə	v	ø	-	-	-
ʧ	i	v	j	-	-	a

o: → i

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

i → aj

Ear.Primary					
o:	r	i	-	k	l
ɔ	r	a	j	-	-

Appendix 2 - Prior Frequencies

$\varepsilon \rightarrow \varepsilon j$

Red.Vermiculus									
b	ə	r	m	ε	-	-	λ	-	-
v	ε	ʁ	m	εj	-	-	-	-	-

$\varepsilon \rightarrow \text{œ}$

Woman.Primary									
f	ε	-	m	i	-	n	-	ε	-
f	œ	-	m	-	-	-	-	-	-

$u: \rightarrow i$

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

$u: \rightarrow a$

Day.Primary									
dʒ	-	u:	-	-	-	-	-	-	-
d	i	a	-	-	-	-	-	-	-

$a: \rightarrow i$

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

$u: \rightarrow \varepsilon$

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

$i \rightarrow \emptyset$

Hair.Capillus									
k	a	p	i	l	l	u	s	-	-
ʃ	ə	v	∅	-	-	-	-	-	-

$u: \rightarrow \emptyset:$

Fire.Focus									
f	-	u:	k	-	-	-	-	-	-
f	-	∅:	-	-	-	-	-	-	-

$i \rightarrow \text{ɔ:}$

Heart.Anima									
i	n	i	m	ə	-	-	-	-	-
ɔ:	-	-	m	-	-	-	-	-	-

$i \rightarrow \text{ẽ:}$

Ash.Primary									
k	i	n	e	-	r	e	m	-	-
s	ẽ:	-	-	d	-	-	-	-	-

$u \rightarrow e:$

ToSmell.Olere									
u	l	u	r	a	-	-	-	-	-
o	l	e:	r	e	-	-	-	-	-

Appendix 2 - Prior Frequencies

u → ɔ:

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

i: → ø:

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

a → u:

Day.Primary			
d	i	a	-
ɖ	-	u:	-

ɛ: → ě

Full.Primary					
p	j	ɛ:	n	o	-
p	l	ě	-	-	-

ɛ: → ẽ

Full.Primary					
p	j	ɛ:	n	o	-
p	l	ẽ	-	-	-

ɔ → i

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

i: → x

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

a: → e:

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

ɛ: → i

What.Primary			
k	w	ɛ:	-
k	-	i	-

i: → ɣ

ToTie.Primary				
l	ɔj	i:	-	- -
ʎ	i	ɣ	a	- -

ɛ: → e:

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

Appendix 2 - Prior Frequencies

ɔ → ə

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

i: → ɑ

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

i: → ɛa

Snow.Primary				
n	-	i:	f	-
n	-	ɛa	-	-

u → i

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

ø: → i:

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

i: → y

River.Rivus				
r	i:	w	u	s
ɾ	y	-	-	-

ø: → u:

Fire.Focus				
f	-	ø:	-	-
f	-	u:	k	-

ɛ → j

Hair.Capillus						
k	ə	b	ɛ	-	ʌ	-
ʃ	i	v	j	-	a	-

i → u:

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

u: → ɔ̃

One.Primary			
u:	n	u	s
ɔ̃	-	-	-

ɛ: → a:

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

Appendix 2 - Prior Frequencies

e: → œ

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

u: → w

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

ɔ: → ɑ

Heart.Anima			
ɔ:	-	-	m -
ɑ	-	-	m -

ø → ð

Few.Primary			
p	ø	-	-
p	ð	-	-

ø → y

Moon.Primary			
l	ø	n	-
l	y	n	-

ø → ej

Old.Primary							
v	j	ø	-	-	-	-	-
v	-	ej	-	-	ʌ	u	-

a: → ɑ

ToCut.Taliare							
t	a:	-	l	i	a:	r	e
t	ɑ	j	-	-	e	-	-

a: → i

Hand.Primary			
m	a:	n	o -
m	i	n	ə -

a: → ej

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

e → m

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

ø → ej

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

Appendix 2 - Prior Frequencies

o → j

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

a: → ej

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

ø → ɔa

Tail.Primary				
k	ø	-	-	-
c	ɔa	d	ə	-

e → ẽu

Tongue.Primary					
l	e	ɲ	g	w	a
l	ẽu	-	-	-	-

e → ẽ:

Ash.Primary							
ʃ	e	n	e	-	r	e	-
s	ẽ:	-	-	d	-	-	-

ε → u:

Thin.Delicatus								
d	ε	ɫ	-	ʏ	a	ɔ̃	u	-
d	u:	-	-	ʒ	e:	-	-	-

o → l

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

i → a:

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

u: → ɔa

Rain.Primary					
p	l	u:	-	f	-
p	l	ɔa	-	j	e

ε → ẽ:

Ash.Primary						
s	ε	n	-	d	r	ə
s	ẽ:	-	-	d	-	-

e: → a:

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

Appendix 2 - Prior Frequencies

u: → œ̃

One.Primary

u:	n	u	s
œ̃	-	-	-

ε → ẽy̥

Tongue.Primary

l	ε	n	g	-	ε
l	ẽy̥	-	-	-	-

e: → ã

ToThink.Pensare

p	e:	n	s	a:	r	e
p	ã	-	s	e	-	-

a: → iw

Seed.Granum

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

e: → ẽj̃

Cloud.Primary

n	u:	b	e:	s
n	u	v	ẽj̃	-

ø → i

Hair.Capillus

f	ə	v	ø	-	-	-	-
k	a	p	i	l	l	u	s

e: → ε:

Full.Primary

p	l	e:	n	u	s
p	j	ε:	n	o	-

a: → ε:

Father.Primary

p	a:	d	r	e
p	ε:	-	r	-

e: → u

ToSmell.Olere

o	l	e:	r	e
u	l	u	r	a

u: → ã

How.Quomodo

ʃ	e	m	u:	t	-
k	ɔ	m	ã	-	-

ɔ: → ɐ

ToSplit.Partire

p	ɔ:	r	t	i	-	-
p	ɐ	r	t	i	r	-

Appendix 2 - Prior Frequencies

u: → ẽ

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

e: → ẽj

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

w → ɤ

Sky.Primary				Sky.Primary			
s	-	ɛ	w	-	s	-	ɛ w
s	-	i:	ɤ	-	s	-	i: ɤ

j → ɬ

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

s → dz

Leaf.Frondea						Leaf.Frondea					
f	r	õ	-	s	-	v	f	r	õ	-	s - v
f	r	o	n	dz	-	a	f	r	o	n	dz - a

u → ï

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

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

j → r

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

j → z

ToLieAsInABed.Iacere						ToLieAsInABed.Iacere					
j	a	-	k	e:	r e	j	e	-	s	i	-
z	ə	-	ʈ	ɛa	-	z	ə	-	ʈ	ɛa	-

w → dʒ

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

w → z

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

Appendix 2 - Prior Frequencies

j → k^j

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

j → γ

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

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	-

w → y

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

ɛa → ø:

Star.Primary							ToDrink.Primary						
-	s	t	-	ɛa	-	-	b	-	ɛa	-	-	-	-
-	s	t	-	ø:	-	l	b	-	ø:	-	-	ɣ	-

α → e:

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

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	-	-	-

o → ɛ:

Bird.Avicellum							Water.Primary						
w	a	-	-	z	-	o	o	-	-	-	-	-	-
-	u:	-	-	h	-	ɛ:	ɛ:	-	-	-	w	-	-

o → ɔ:

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

o → i:

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

u: → ɥ

Fruit.Primary							Rain.Primary						
f	r	u:	-	k	t	u	p	l	u:	-	f	-	-
f	ɣ	ɥ	i	-	-	-	p	l	ɥ	-	-	i	-

Appendix 2 - Prior Frequencies

œ → a

Woman.Primary								Woman.Domina							
f	œ	-	m	-	-	-	-	d	œ	m	-	-	-	-	-
f	a	-	m	-	-	-	-	d	a	m	-	-	-	-	-

œ → ø:

Flower.Primary								Mouth.Gula							
f	l	œ	ʁ	-	-	-	-	g	œ	l	-	-	-	-	-
f	l	ø:	ʁ	-	-	-	-	g	ø:	j	-	-	-	-	-

u: → ɐ

Day.Primary								Day.Primary							
ɖʒ	-	u:	-	-	-	-	-	ɖʒ	-	u:	-	-	-	-	-
d	i	ɐ	-	-	-	-	-	d	i	ɐ	-	-	-	-	-

u: → ə

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

aʊ → w

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

ɔj → ɔ

We.Primary								Leaf.Primary							
n	ɔj	-	s	-	-	-	-	f	-	ɔj	-	-	-	-	-
n	ɔ	-	ʃ	-	-	-	-	f	-	ɔ	ʎ	ʎ	a	-	-

ɔj → oj

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

u: → ũ

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

u: → ø

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

u: → o:

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

Appendix 2 - Prior Frequencies

u → ẽw̃

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

u → ɐ

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

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

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	ɐ	z e r -

r → j

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

ɲ → g

ToFight.Primary				Big.Primary			
p	u	ɲ	ɲ a r e	m	a	ɲ	ɲ o -
p	u	g	n a: r e	m	a	g	n u s

w → aɥ

ToHear.Primary				ToHear.Primary			
w	-	-	i ɣ -	w	-	-	i ɣ -
aɥ	-	d	i: r e	aɥ	-	z	i - -

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 - -

u → k

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

s → ɕ

FatNoun.Crassia				FatNoun.Crassia			
g	ɣ	ɛ	s -	g	r	a	s a
k	ɾ	ɔ:	ɕ -	k	ɾ	ɔ:	ɕ -

ʊ → o

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

Appendix 2 - Prior Frequencies

ij → ēw̃

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

u → b

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

iw → ēw̃

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

u → t

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

t → u

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

ō → i

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

t → λ

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

ł → j

ToBurn.Flammare						Full.Primary					
f	ł	a	-	m	a	p	ł	ε	-	-	-
f	j	a	m	m	a	p	j	ε:	n	o	-

e: → ɐ

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

e: → ɑ

Three.Primary				Three.Primary			
t	r	-	e:	t	r	-	e:
t	ʁ	w	ɑ	t	ʁ	w	ɑ

Appendix 2 - Prior Frequencies

$r \rightarrow dʒ$

ToFlow.Excurrere	ToFlow.Currere
i - ʃ k u - r e r -	k ɔ - r i - -
- s k u r dʒ e - -	k u r dʒ e - -

$y \rightarrow k^w$

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

$y \rightarrow p$

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

$k^w \rightarrow p$

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

$y \rightarrow j$

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

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

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

$\theta \rightarrow k^w$

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

$i \rightarrow \text{qa}$

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

$z \rightarrow v$

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

$z \rightarrow j$

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

$z \rightarrow w$

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 - r ə

Appendix 2 - Prior Frequencies

i → ð

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

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	-	-	-

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

k^w → ɣ

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

ç → s

FatNoun.Crassia					FatNoun.Crassia				
k	ʀ	ɔ:	ç	-	k	ʀ	ɔ:	ç	-
g	ʁ	ɛ	s	-	g	r	a	s	a

e → ɔ:

FatNoun.Crassia					Good.Primary					
g	r	e	ʃ	-	b	w	e	n	o	-
k	ʀ	ɔ:	ç	-	b	w	ɔ:	n	o	-

e → ɔa

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

dz → d

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

dz → s

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

k^l → j

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

ʃ → ɕ

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

Appendix 2 - Prior Frequencies

e → k

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

ɟ → d

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

e → ɾ

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

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

ɥ → u:

Fruit.Primary	Rain.Primary
f ɾ ɥ i - - - -	p l ɥ - - i -
f r u: - k t u s	p l u: - f - -

h → ʈ

Bird.Avicellum	Bird.Avicellum
- - u: - - h - ε: - - - -	- - u: - - h - ε: - - - -
- - u - t ʈ - ε l l o -	- - u - - ʈ j ε - l - -

e: → u:

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

j → ʃ

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

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 - r e

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 -

ʌ → t

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

Appendix 2 - Prior Frequencies

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

ɤ → w

Sky.Primary	Sky.Primary
s - i: ɤ - -	s - i: ɤ - -
s - ε w - -	s - ε w - -

o → ʊ

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

ɤ → e

ToSpit.Primary	ToSpit.Primary
k u - s p i ɤ - -	k u - s p i ɤ - -
k o n s p u e r e	k ɔ - s p y e - -

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

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 ŋ ʃ - - a: - -	m a ŋ ʃ - - a: - -

d → tʃ

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

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 -

p → ɣ

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

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 -

Appendix 2 - Prior Frequencies

a: → ē

Hand.Primary	Hand.Primary
m a: n o -	m a: n o -
m ē - - -	m ē - - -

k → u

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

k → e

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

a: → aj

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

a: → ɔ:

Meat.Primary	Bad.Primary
c a: r - - -	m a: l - - -
tʃ ɔ: - - - -	m ɔ: - - - -

v → z

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

g → ɲ

ToFight.Primary	Big.Primary
p u g n a: r e	m a g n u s
p u ɲ ɲ a r e	m a ɲ ɲ o -

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

ɖɟ → ʃ

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

i: → o

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

ɖɟ → R

ToFlow.Excurrere	ToFlow.Currere
- - s k u r ɖɟ e - -	k u r ɖɟ e - -
i - ʃ k u - R e r -	k ɔ - R i - -

Appendix 2 - Prior Frequencies

i: → ε:

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

ɔ̥ → w

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

i: → ẽ

Road.Camminus						Near.Vicinus					
k	a	m	m	i:	n	w	-	i:	k	i:	n
ʃ	ə	-	m	ẽ	-	v	w	a	z	ẽ	-

i: → aj

Sky.Primary						Sky.Primary					
s	-	i:	ʁ	-	-	ʃ	-	i:	l	-	-
k	-	aj	l	u	m	k	-	aj	l	u	m

ʃ → h

Bird.Avicellum						Bird.Avicellum					
-	-	u	-	ʃ	-	-	-	u	-	ʃ	j
-	-	u:	-	h	-	-	-	u:	-	h	-

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

ToTurnIntransitive.Torquere						ToTurnIntransitive.Torquere					
t	ɔ̥	r	ʃ	e	r	t	ɔ̥	r	ʃ	e	-
t	ɔ̥	ʁ	d	-	ʁ	t	ɔ̥	ʁ	d	-	ʁ

ʃ → j

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

ʃ → i:

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

b → t

Thin.Subtilis						Thin.Subtilis					
s	u	b	t	i:	l	s	u	b	ts	i	r
s	o	t	t	i	l	s	o	t	t	i	l

b → u

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

Appendix 2 - Prior Frequencies

a → œ

Woman.Primary								Woman.Domina							
f	a	-	m	-	-	-	-	d	a	m	-	-	-	-	-
f	œ	-	m	-	-	-	-	d	œ	m	-	-	-	-	-

ʌ → o

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

oj → ɔj

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

u: → e:

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

oj → y

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

ã → ã

Leg.Gamba				Belly.Pantex							
dʒ	ã	-	p	p	ã	-	s	-	-	-	-
ʒ	ã	-	b	p	ã	-	s	-	-	-	-

ɔ: → e

FatNoun.Crassia				Good.Primary			
k	ɔ:	ç	-	b	w	ɔ:	n o
g	r	e	f	b	w	e	n o

ø: → ø

Fire.Focus				Two.Duos			
f	-	ø:	-	d	-	ø:	-
f	-	ø	-	d	-	ø	-

ø: → i

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

ø: → ɐj

Narrow.Strictus								Straight.Primary							
-	s	t	ɤ	-	ø:	-	-	d	-	r	-	ø:	-	-	-
i	ɸ	t	r	-	ɐj	-	t u	d	i	r	-	ɐj	-	t u	-

ɔ → ɔj

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

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	-

ẽw̃ → ij

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

ẽw̃ → iw

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

ẽw̃ → i

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

ej → ε:

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

ẽw̃ → ẽ

Dog.Primary						Dog.Primary					
k	-	ẽ	-	-	-	k	-	ẽ	-	-	-
		w̃						w̃			
f	j	ẽ	-	-	-	f	j	ẽ	-	-	-

ej → ø:

Narrow.Strictus						Straight.Primary					
i	f	t	r	-	ej	d	i	r	-	ej	t
-	s	t	ɜ	-	ø:	d	-	r	-	ø:	-

ẽw̃ → ε

Seed.Granum						Seed.Granum					
g	r	ẽ	-	-	-	g	r	ẽ	-	-	-
		w̃						w̃			
g	ɜ	ε	n	-	-	g	ɜ	ε	n	-	-

ẽw̃ → o:

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

Appendix 2 - Prior Frequencies

ẽw̃ → u

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

e → e:

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

ẽw̃ → i

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

ej → ə

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

ũ → ẽ

ToStab.Primary				ToStab.Primary			
p	-	ũ	-	p	-	ũ	-
p	w	ẽ	-	p	w	ẽ	-

ũ → օ

One.Primary				One.Primary			
ũ	-	-	-	ũ	-	-	-
օ	-	-	-	օ	-	-	-

ũ → u:

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

ø: → qa

Flower.Primary				ToSew.Primary			
f	l	ø:	κ	k	ø:	-	z
f	l	qa	r	c	qa	-	s

ɔ → ɔ:

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

ã → ẽ

Belly.Pantex				Belly.Pantex			
p	ã	-	s	p	ã	-	s
p	ẽ	-	s	p	ẽ	-	s

Appendix 2 - Prior Frequencies

ɔ: → a:

Meat.Primary						Bad.Primary					
ʃ	ɔ:	-	-	-	-	m	ɔ:	-	-	-	-
c	a:	r	-	-	-	m	a:	l	-	-	-

ɔ: → o

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

ɔ: → ɔ

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

e → u

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

e → u:

Day.Primary				Day.Primary			
d	i	e	-	d	i	e	-
ɖ	-	u:	-	ɖ	-	u:	-

oj → ɔa

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

e → ε:

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

ə → aj

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

ə → ɐj

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

ə → ε:

Fog.Tenebras						ToFall.Primary					
t	-	ə	n	-	e	k	-	ə	d	ɛa	-
t	-	ε:	n	-	e	ʃ	-	ε:	-	-	R

ə → ɔ:

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

Appendix 2 - Prior Frequencies

ə → u:

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

ẽu → ĭ

Tongue.Primary					Tongue.Primary				
l	ẽu	-	-	-	l	ẽu	-	-	-
l	ĩ	-	g	w ɐ	l	ĩ	-	g	w ɐ

ε → ẽw̃

Seed.Granum					Seed.Granum				
g	ʁ	ε	n	-	g	ʁ	ε	n	-
g	r	ẽ	-	-	g	r	ẽ	-	-
		w̃	-	-			w̃	-	-

ε → ø

Hair.Capillus					Old.Primary				
k	ə	b	ε	Λ - -	v	-	ε	k	- k j o
ʃ	ə	v	ø	- - -	v	j	ø	-	- - -

ẽ → ɐj

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

ε → ɔ:

Meat.Primary					FatNoun.Crassia				
ʃ	ε	ʁ	-	-	g	ʁ	ε	s	-
ʧ	ɔ:	-	-	-	k	ʀ	ɔ:	ç	-

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 → õ

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

ε: → i:

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

õ: → ẽ

Blood.Primary					Blood.Primary				
s	õ:	-	g	- - - -	s	õ:	-	g	- - - -
s	ẽ	-	g	- i - -	s	ẽ	-	g	- i - -

Appendix 2 - Prior Frequencies

ε: → o

Bird.Avicellum										Water.Primary									
-	-	u:	-	-	h	-	ε:	-	-	-	ε:	-	-	w	-	-	-	-	-
w	a	-	-	-	z	-	o	-	-	-	o	-	-	-	-	-	-	-	-

ε: → ə

Fog.Tenebras										ToFall.Primary									
t	-	ε:	n	-	e	b	r	e	-	ʃ	-	ε:	-	-	r	-	-	-	-
t	-	ə	n	-	e	b	r	ə	s	k	-	ə	d	ɛa	-	-	-	-	-

i → ẽ

ToSqueeze.Stringere										ToBurn.Incendere									
-	s	t	r	i	n	ɟ	e	-	-	i	n	ʃ	i	n	d	ʒ	e	-	-
e	-	t	ɸ	ẽ	-	d	-	ɸ	-	ẽ	-	s	ã	-	d	j	e	-	-

i → ẽw

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

ε: → ɐ

ToFall.Primary										ToFall.Primary									
ʃ	-	ε:	-	-	r	-	-	-	-	ʃ	-	ε:	-	-	r	-	-	-	-
k	-	ɐ	-	i	r	-	-	-	-	k	-	ɐ	-	i	r	-	-	-	-

ε: → ɐj

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

ɔ: → ə

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

ɔ: → ε

Meat.Primary					FatNoun.Crassia				
ʃ	ɔ:	-	-	-	k	r	ɔ:	ç	-
ʃ	ε	ɸ	-	-	g	ɸ	ε	s	-

ε → o:

ToKnow.Cognoscere										ToKnow.Cognoscere									
k	ɔ	-	n	ε	-	t	-	ɸ	-	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

ẽ → i

ToSqueeze.Stringere										ToBurn.Incendere									
e	-	t	ɸ	ẽ	-	d	-	ɸ	-	ẽ	-	s	ã	-	d	j	e	-	-
-	s	t	r	i	n	ɟ	e	-	-	i	n	ʃ	i	n	d	ʒ	e	-	-

ɐj → ẽ

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

Appendix 2 - Prior Frequencies

ẽ → ũ

ToStab.Primary							ToStab.Primary						
p	w	ẽ	-	d	-	ɣ	p	w	ẽ	-	d	-	ɣ
p	-	ũ	-	ʒ	i	ɣ	p	-	ũ	-	ʒ	i	ɣ

ẽ → ă

Belly.Pantex							Belly.Pantex						
p	ẽ	-	s	-	-	ɸ	p	ẽ	-	s	-	-	ɸ
p	ă	-	s	-	-	-	p	ă	-	s	-	-	-

o: → ε

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

ɔa → oj

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

o: → u:

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

ø: → œ

Flower.Primary							Mouth.Gula						
f	l	ø:	ɣ	-	-	-	g	ø:	j	-	-	-	-
f	l	œ	ɣ	-	-	-	g	œ	l	-	-	-	-

ă → ă

Leg.Gamba							Belly.Pantex						
ʒ	ă	-	b	-	-	-	p	ă	-	s	-	-	-
ɖ	ă	-	p	-	-	-	p	ă	-	s	-	-	-

ẽ → ẽw

Dog.Primary							Dog.Primary						
ʃ	j	ẽ	-	-	-	-	ʃ	j	ẽ	-	-	-	-
k	-	ẽ	-	-	-	-	k	-	ẽ	-	-	-	-
		ẽw	-	-	-	-			ẽw	-	-	-	-

ø → u:

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

o → ɥ

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

Appendix 2 - Prior Frequencies

o: → ø

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

aj → i:

Sky.Primary						Sky.Primary					
k	-	aj	l	u	m	k	-	aj	l	u	m
s	-	i:	ʁ	-	-	ʃ	-	i:	l	-	-

ø → o:

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

ø → ε

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

aj → o:

Sand.Sabulum							Sand.Sabulum						
s	aj	β	-	r	u	-	s	aj	β	-	r	u	-
s	o:	v	-	j	õ	-	s	o:	v	-	j	õ	-

aj → ə

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

o → ʌ

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

ø → ø:

Fire.Focus					Two.Duos				
f	-	ø	-	-	d	-	ø	-	
f	-	ø:	-	-	d	-	ø:	-	

ẽ → a:

Hand.Primary					Hand.Primary				
m	ẽ	-	-	-	m	ẽ	-	-	-
m	a:	n	o	-	m	a:	n	o	-

õ → i

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

õ → ù

One.Primary					One.Primary				
õ	-	-	-	-	õ	-	-	-	-
ù	-	-	-	-	ù	-	-	-	-

Appendix 2 - Prior Frequencies

aj → a:

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

ẽ → õ:

Blood.Primary	Blood.Primary
s ẽ - g - i - - -	s ẽ - g - i - - -
s õ: - g - - - - -	s õ: - g - - - - -

ã → o

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

ε → ɔa

ToKnow.Cognoscere	ToKnow.Cognoscere
k ɔ - n ε - t - ʁ -	k u - n ε f - ə - -
k u - n ɔa f t e - -	k u - n ɔa f t e - -

ɔa → ø:

Flower.Primary	ToSew.Primary
f l ɔa r e -	c ɔa - - s - e - -
f l ø: ʁ - - -	k ø: - - z - - - -

o: → aj

Sand.Sabulum	Sand.Sabulum
s o: v - j õ -	s o: v - j õ -
s aj β - r u -	s aj β - r u -

ĩ → ẽu

Tongue.Primary	Tongue.Primary
l ĩ - g w ɐ	l ĩ - g w ɐ
l ẽu - - - -	l ẽu - - - -

ẽ → e:

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

ɔa → i

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

ĩ → u

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

ɔa → e

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

Appendix 2 - Prior Frequencies

qa → ε

ToKnow.Cognoscere										ToKnow.Cognoscere									
k	u	-	n	qa	f	t	e	-	-	k	u	-	n	qa	f	t	e	-	-
k	ɔ	-	n	ε	-	t	-	ɣ	-	k	u	-	n	ε	f	-	ə	-	-

ø: → ɛa

Star.Primary							ToDrink.Primary						
-	s	t	-	ø:	-	l	-	b	-	ø:	-	ɸ	-
-	s	t	-	ea	-	-	-	b	-	ea	-	-	-

o: → ẽw̃

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

ẽ → i:

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

õ → au

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

x → k^j

Eye.Primary						Knee.Geniculum						Old.Primary								
-	o	-	x	-	o	-	-	-	-	-	-	-	b	j	e	x	o	-	-	-
-	o	-	k ^j	-	-	-	-	ɟ	-	e	n	u	n	k ^j	-	-	-	-	-	-

õ → o:

Name.Nomen					Name.Nomen					Few.Primary				
n	õ	-	-	-	n	õ	-	-	-	p	õ	-	-	-
n	o:	m	e	n	n	o:	m	e	-	p	o:	k	-	-

ɥ → w

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

ẽ → ɐj

Breast.Primary					Full.Primary					Full.Primary				
s	ẽ	-	-	-	p	l	ẽ	-	-	p	l	ẽ	-	-
s	ɐj	-	u	-	f	-	ɐj	-	u	f	-	ɐj	-	u

ẽɥ → i

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

Appendix 2 - Prior Frequencies

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 - - - -

g → k^w

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

ẽ → u

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

g → p

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

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

e: → i

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

d → λ

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

e → r

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

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 -

ʁ → t

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

ə → i

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

Appendix 2 - Prior Frequencies

k^j → x

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

ẽ → e:

ToThink.Pensare	ToThink.Pensare	Full.Primary
p ẽ - s a ɤ -	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

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 - -

ts → θ

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 -

ĩ → ə

Guts.Primary	ToBurn.Incendere	ToBurn.Incendere
ĩ - t - r ẽ ɲ - ɐ	ĩ - s e n ɕ ɪ a r -	ĩ - s ẽ - 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

a → ɔa

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

ʎ → d

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

ø: → ej

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

ẽ → a:

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

ẽ → e

Grass.Gramen	Guts.Primary	Mountain.Montanea
g r ẽ m ɐ -	ĩ - t - r ẽ ɲ - ɐ	m õ - t ẽ - ɲ - ɐ
g r e m ɐ -	ẽ - t - r e ɲ - ɐ	m õ - t e - ɲ - ɐ

ɕ → ð

ToSplit.Primary	Smooth.Nitidus	Smooth.Nitidus
ɕ i v i ɕ i ɤ -	n ε ɕ u - - -	n ε ɕ u - - -
d i v i ð i r -	n i ð i - o -	n i ð i - o -

Appendix 2 - Prior Frequencies

ø: → a

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

e: → ě

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

i: → ě

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

ɖʒ → s

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

ṡ → ɔ

Mountain.Primary	Name.Nomen	Name.Nomen
m ṡ - - - - -	n ṡ - - - - -	n ṡ - - - - -
m ɔ n t - - - -	n ɔ m - - - -	n ɔ ŋ - - - -

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 - - -

i → ɔj

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

h → ʃ

ToKnow.Cognoscere	ToKnow.Cognoscere	ToKnow.Cognoscere
k i - n ɔ h - - - -	k i - n ɔ h - - - -	k i - n ɔ h - - - -
k o - n o ʃ ʃ e r e	k u - n ε ʃ - ə - -	k u - n ɔa ʃ t e - -

ε: → aj

Father.Primary	Father.Primary	Water.Primary
p ε: - r - - -	p ε: - r - - -	ε: - - w - -
p aj - - - - -	p aj - - - - -	aj - y w ə

ʃ → ʧ

FatNoun.Crassia	FatNoun.Crassia	FatNoun.Crassia
g r a ʃ ɐ	g r a ʃ ɐ	g r e ʃ -
k R ɔ: ʧ - -	k R ɔ: ʧ - -	k R ɔ: ʧ - -

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

Appendix 2 - Prior Frequencies

f → h

ToKnow.Cognoscere	ToKnow.Cognoscere	ToKnow.Cognoscere
k o - n o f f e r e	k u - n ε f - ə - -	k u - n ɔa f t e - -
k i - n ɔ h - - - -	k i - n ɔ h - - - -	k i - n ɔ h - - - -

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 ɾ -	n ε dʒ u - - -	n ε dʒ u - - -

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 - -

h → z

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

i → ẽu

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

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 - -

f → β

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 -

e → g

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

k^w → 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

ε → ɑ

ToDrink.Primary	ToCut.Taliare	Three.Primary
b - ε w - r ə	t ε - - j i: - -	t r - ε s
b w ɑ - - ɾ -	t ɑ j - - e - -	t ɾ w ɑ -

e → o:

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

Appendix 2 - Prior Frequencies

s → ɖʒ

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

au → ɔ̃

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

au → ɔa

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

o: → e

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

ɔj → i

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

ɔa → au

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

j → r

Mouth.Gula	Sand.Sabulum	Sand.Sabulum
g ø: j - - g u r ə	s o: v - j ɔ̃ - s aj β - r u -	s o: v - j ɔ̃ - s aj β - r u -

ɔa → œ

Woman.Domina	Leaf.Primary	Flower.Primary
d ɔa m - n ə d œ m - - -	f - ɔa - j e f - œ j - -	f l ɔa r e - f l œ ʁ - -

y → o

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

ɪ → j

ToBurn.Incendere	ToBurn.Incendere	ToBurn.Incendere
ĩ - s e n ɖʒ i a r - ẽ - s ă - d j e - -	ĩ - s e n ɖʒ i a r - i n tʃ ɛ n d j a r e	ĩ - s e n ɖʒ i a r - ĩ - s ẽ - d j a r -

o: → ɔ̃

Name.Nomen	Name.Nomen	Few.Primary
n o: m e n n ɔ̃ - - -	n o: m e - n ɔ̃ - - -	p o: k - - p ɔ̃ - - -

Appendix 2 - Prior Frequencies

qa → a

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

j → ɪ

ToBurn.Incendere	ToBurn.Incendere	ToBurn.Incendere
ē - s ã - d j e - -	i n ʃ ε n d j a r e	ĩ - s ě - 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 -

y → 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 - -

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 y - a r -	ě - f l e - -

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 - -

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 - -

ɔ → ʃ

Mountain.Primary	Name.Nomen	Name.Nomen
m ɔ n t - -	n ɔ m - -	n ɔ ŋ - -
m ʃ - - - -	n ʃ - - - -	n ʃ - - - -

u → ʊ

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

u → œ

Leaf.Primary	Mouth.Gula	Mouth.Gula
f - u ʌ - ə	g u l a	g u r ə
f - œ j - -	g œ l -	g œ l -

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

ɤj → ě

Breast.Primary	Full.Primary	Full.Primary
s ɤj - u -	ʃ - ɤj - u -	ʃ - ɤj - u -
s ě - - -	p l ě - - -	p l ě - - -

Appendix 2 - Prior Frequencies

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 - -

œ → ɔa

Woman.Domina	Leaf.Primary	Flower.Primary
d œ m - - -	f - œ j - -	f l œ ʁ - -
d ɔa m - n ə	f - ɔa - j e	f l ɔa r e -

ej → ø:

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

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

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 → y

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

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

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	ʁ o - ʃ u -	r o - ʃ u -

ç → ʃ

FatNoun.Crassia	FatNoun.Crassia	FatNoun.Crassia
k ʀ ɔ: ç -	k ʀ ɔ: ç -	k ʀ ɔ: ç -
g r a ʃ ɐ	g r a ʃ ɐ	g r e ʃ -

w → o:

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

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 -

Appendix 2 - Prior Frequencies

u → l

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

ɑ → ø:

Liver.Primary	ToDrink.Primary	Three.Primary
f w ɑ - - - f - ø: - - t - -	b w ɑ - - ɤ - b - ø: - - ɤ -	t ɤ w ɑ - t r - ø: -

o → y

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

i → e:

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

e → ẽ

Grass.Gramen	Guts.Primary	Mountain.Montanea
g r e m e - g r ẽ m e -	ẽ - t - r e ɲ - e ĩ - t - r ẽ ɲ - e	m õ - t e - ɲ - e m õ - t ẽ - ɲ - e

ɑ → ε

ToDrink.Primary	ToCut.Taliare	Three.Primary
b w ɑ - - ɤ - b - ε w - r ə	t ɑ j - - e - - t ε - - j i: - -	t ɤ w ɑ - t r - ε s

p → g

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

o → aj

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

r → t

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

p → f

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

a → ẽ

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

Appendix 2 - Prior Frequencies

œ → u

Leaf.Primary	Mouth.Gula	Mouth.Gula
f - œ j - -	g œ l - -	g œ l - -
f - u ʌ - ə	g u l a	g u r ə

r → e

ToSpit.Primary	ToSpit.Primary	Big.Majjorem
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

aj → ε:

Father.Primary	Father.Primary	Water.Primary
p aj - - -	p aj - - -	aj - ʏ w ə
p ε: - r -	p ε: - r -	ε: - - w -

t → ʁ

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

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 -

r → j

Mouth.Gula	Sand.Sabulum	Sand.Sabulum
g u r ə	s aj β - r u -	s aj β - r u -
g ø: j -	s o: v - j ɔ̃ -	s o: v - j ɔ̃ -

u → s

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

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

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 - ɐ	ɟ i r - ej - t u -	t r - ej -	t r - ej -

ʏ → ɟ

Liver.Primary	Liver.Primary	ToSwim.Navigare	ToSwim.Navigare
- - i ʏ a ɔ̃ o -	f - i ʏ ɐ ɔ̃ u -	n a v i ʏ a ʁ -	n ɐ v i ʏ a r -
f - e ɟ ə - -	f - e ɟ ə - -	n ε - - ɟ i: - -	n ε - - ɟ i: - -

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 -

Appendix 2 - Prior Frequencies

x → l

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

ø: → oj

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

ẽ → o

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

õ → ɔ:

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

ej → e:

Sand.Primary	Straight.Primary	Three.Primary	Three.Primary
- a r ej - e h a r e: n a	ɔ̃ 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: -

e → oj

ToRub.Primary	ToRub.Primary	ToRub.Primary	ToRub.Primary
f r e g a r - f r o j - - -	f r e g a r e f r o j - - -	f r e - a - - f r o j - - -	f r e k a - - f r o j - - -

ø → au

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

c → g

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

i → ε:

Fog.Tenebras	Full.Primary	What.Primary	What.Primary
t - i n j e b l a s t - ε: n - e b r e -	p l i n - - p j ε: n o -	k ^w - i d k w ε: -	k - i - k w ε: -

ø → oj

Two.Duos	Two.Duos	Two.Duos	Two.Duos
d - ø - d - o j s	d - ø - d - o j f	d - ø - d - o j -	d - ø - d - o j -

œ → o:

Flower.Primary	Flower.Primary	Flower.Primary	Egg.Primary
f l œ ɤ - - f l o: r e m	f l œ ɤ - - f j o: r e -	f l œ ɤ - - f l o: r - -	- œ f - - - o: w u m

Appendix 2 - Prior Frequencies

oj → ø:

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

e → i

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

au → ø

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

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 ɔ - ə

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

o → a:

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

ɑ → ɐ

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

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 -

i → e

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

ej → i

Sun.Soliculus	ToRub.Primary	Red.Vermiculus	Red.Vermiculus
s ɔ l ej - - - -	f ɤ ej e - - -	v ɛ ɤ m ej - - - -	v ɛ ɤ m ej - - - -
s o l i k u l u s	f r i k a: r e	v e r m i k u l u s	v e r m i ɔ - ɔ o -

ɸ → g

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

Appendix 2 - Prior Frequencies

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

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 - -

o: → ð

Name.Nomen	Name.Nomen	Not.Primary	Not.Primary
n o: m e n	n o: m e -	n o: n	n o: n
n ð - - -	n ð - - -	n ð -	n ð -

o → t

Many.Primary	Many.Primary	Many.Primary	Many.Primary
m u - t o -	m u - t o -	m o l t o -	m o l t o -
m ð j - t u	m ð j - t u	m ð j - t u	m ð j - t u

o: → œ

Flower.Primary	Flower.Primary	Flower.Primary	Egg.Primary
f l o: r e m	f j o: r e -	f l o: r - -	- o: w u m
f l œ ʁ - -	f l œ ʁ - -	f l œ ʁ - -	- œ f - -

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 - -

ĩ → i

ToSqueeze.Stringere	ToSqueeze.Stringere	ToBurn.Incendere	ToBurn.Incendere
ə ʃ t r ĩ - ʒ i r -	ə ʃ t r ĩ - ʒ i r -	ĩ - s e n dʒ ɪ a r -	ĩ - s ě - d j a r -
- s t r ĩ n dʒ e - -	- s t r ĩ n dʒ e - -	ĩ n tʃ i n d ʒ e - -	ĩ n tʃ i n d ʒ e - -

e: → i:

Stone.Petra	Stone.Petra	Snow.Primary	Cold.Primary
p j e: t r a	p j e: - r e	n - e: f - -	f r - e: - t - -
p - i: - ʁ -	p - i: - ʁ -	n - i: f - -	f r - i: g i d u s

ej → ə

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

o → ẽ

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

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 -

Appendix 2 - Prior Frequencies

j → ʌ

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

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

r → w

Salt.Primary	ToPull.Trahere	Thin.Subtilis	Thin.Subtilis
s a r e -	t r a r - r e	s u b t s i r e -	s u b t s i r e -
s a w - -	t r ɛ w - r ə	s u - tʃ i w - -	s u - tʃ i w - -

ɛ → u

Neck.Primary	New.Primary	New.Primary	New.Primary
k w ɛ - l - -	n - ɔ v ɛ - -	n - ɔ v ɛ - -	n - ɔ v ɛ - -
k - u - - -	n - o w u s	n - o v u - -	n - o v u - -

œ → ü

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

i → ĩ

ToSqueeze.Stringere	ToSqueeze.Stringere	ToBurn.Incendere	ToBurn.Incendere
- s t r i n ɟ e - -	- s t r i n ɟ e - -	i n tʃ i n d ʒ e - -	i n tʃ 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 ɟ i a r -	ĩ - s ě - d j a r -

t → o

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

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 -

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	- s p a l - l a	e s p a l - d a	- s p a l - l a

a → ø:

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

t → g

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

Appendix 2 - Prior Frequencies

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

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 - - -

ɛ: → i

Fog.Tenebras	Full.Primary	What.Primary	What.Primary
t - ɛ: n - e b r e -	p j ɛ: n o -	k w ɛ: -	k w ɛ: -
t - i n j e b l a s	p l i n - -	k ^w - i d	k - i -

g → c

ToSuck.Primary	ToSuck.Primary	ToSuck.Primary	ToFloat.Primary
s u: g e r e	s u g a ɤ -	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 - -

a: → ẽj

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 ẽj - - -	m ẽj - - -	m ẽj - - -	m ẽj - - -

a: → ẽw̃

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 - - -	g r ẽ - - -	m ẽ - - -	m ẽ - - -
w̃ - - -	w̃ - - -	w̃ - - -	w̃ - - -

g → t

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

g → j

Liver.Primary	Liver.Primary	ToSmell.Fragrare	ToSmell.Fragrare
f - e g a t o -	f - i g e 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 - -

g → i:

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

e → a

Sand.Primary	Sand.Primary	ToCut.Taliare	ToScratch.Rasare
- a r e j - e	- e r e j - 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 - -

Appendix 2 - Prior Frequencies

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 o k o -	p o k o -	p o k o -

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 r e	n u m - e r a r e	n u m - a r a r e

ʁ → dʒ

ToFlow.Excurrere	ToFlow.Currere	ToFlow.Currere	ToFlow.Currere
i - ʃ k o - ʁ e ʁ -	k u - ʁ i ʁ -	k o - ʁ e ʁ -	k u - ʁ e r -
- s k u r dʒ e -	k u r dʒ e -	k u r dʒ e -	k u r dʒ e -

k → l

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

k → dʒ

Blood.Primary	Leg.Gamba	Liver.Primary	Liver.Primary
s a ŋ k - - - -	k a m b ə	f - i : k a : t u m	f - i k a t - -
s i n dʒ - e - - -	dʒ ã - p -	f - e dʒ ə - - -	f - e dʒ ə - - -

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 ʁ -	ʒ ej - t a r -	ʒ ej - t a r -	k - ej m a ʁ e

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 - - - -

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 ʁ n u	k - o r n u	k - o r n -

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 -

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 - -

s → u

Many.Primary	Many.Primary	Few.Primary	Few.Primary
m u l t u s	m u l t u s	p a u k u s	p a u k u s
m ũ j - t u	m ũ j - t u	p o w k u	p o w k u

Appendix 2 - Prior Frequencies

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 -

ɔ: → ð

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

r → d

Round.Primary	Round.Primary	Round.Primary	Round.Primary
t a r ɔ n t - - r e d o n d o -	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 - - r ə d o - - - -

ũ → œ

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

u → ɔj

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

ẽw̃ → a:

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

l → s

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

d → b

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

i → ej

Sun.Soliculus	ToRub.Primary	Red.Vermiculus	Red.Vermiculus
s o l i k u l u s s ɔ l ej - - - -	f r i k a: r e f ɣ ej e - - -	v e r m i k u l u s v ε ɣ m ej - - -	v e r m i ɰ - ɰ o - v ε ɣ m ej - - -

l → k

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

Appendix 2 - Prior Frequencies

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 -

λ → j

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

ẽw̃ → ð

Not.Primary	Not.Primary	Not.Primary	Not.Primary
n ẽ -	n ẽ -	n ẽ -	n ẽ -
n w̃ -	n w̃ -	n w̃ -	n w̃ -
n ð -	n ð -	n ð -	n ð -

ej → e:

Sand.Primary	Full.Primary	Full.Primary	Straight.Primary
- e r ej - e	f - ej - u -	f - ej - u -	d i r - ej - t u -
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

w → r

Salt.Primary	ToPull.Trahere	Thin.Subtilis	Thin.Subtilis
s a w - -	t r ε w - r ə	s u - ʃ i w - -	s u - ʃ i w - -
s a r e -	t r a r - r e	s u b t s i r e -	s u b t s i r e -

ɔ → ø:

Flower.Primary	Mouth.Gula	Fire.Focus	Fire.Focus
f l ɔ - - -	g ɔ l e	f w ɔ k o -	f - ɔ k - -
f l ø: ʁ - -	g ø: j -	f - ø: - - -	f - ø: - - -

i: → e:

Stone.Petra	Stone.Petra	Snow.Primary	Cold.Primary
p - i: - ʁ -	p - i: - ʁ -	n - i: f - -	f r - i: g i d u s
p j e: t r a	p j e: r e	n - e: f - -	f r - e: - - t - -

ɔɣ → ɣ

Liver.Primary	Liver.Primary	ToSwim.Navigare	ToSwim.Navigare
f - e ɔɣ ə - - -	f - e ɔɣ ə - - -	n ε - - ɔɣ i: - -	n ε - - ɔɣ i: - -
- - i ɣ a ð o -	- - i ɣ ɐ ð u -	n a v i ɣ a ʁ -	n ɐ v i ɣ a r -

u → ε

Neck.Primary	New.Primary	New.Primary	New.Primary
k - u - - -	n - o w u s	n - o v u -	n - o v u -
k w ε - l - -	n - ɔ v ε -	n - ɔ v ε -	n - ɔ v ε -

ɔɣ → ʁ

ToFlow.Excurrere	ToFlow.Currere	ToFlow.Currere	ToFlow.Currere
- - s k u r ɔɣ e - -	k u r ɔɣ e - -	k u r ɔɣ e - -	k u r ɔɣ e - -
i - ʃ k o - ʁ e ʁ -	k u - ʁ i ʁ -	k o - ʁ e ʁ -	k u - ʁ e r -

ɔɣ → k

Blood.Primary	Leg.Gamba	Liver.Primary	Liver.Primary
s i n ɔɣ - e - - -	ɔɣ ā - p -	f - e ɔɣ ə - - -	f - e ɔɣ ə - - -
s a ŋ k - - - -	k a m b ə	f - i: k a: t u m	f - i k a t - - -

Appendix 2 - Prior Frequencies

ø: → ɔ

Flower.Primary	Mouth.Gula	Fire.Focus	Fire.Focus
f l ø: ɣ - -	g ø: j - -	f - ø: - - -	f - ø: - - -
f l ɔ - - -	g ɔ l e -	f w ɔ k o -	f - ɔ k - - -

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 -

ø: → a

Star.Primary	ToKnow.Sapere	Narrow.Strictus	Straight.Primary
- s t - ø: l -	s a v - ø: R -	- s t ɣ - ø: - - -	d - r - ø: - - -
e - t w a - l -	s a v w a ɣ -	e - t ɣ w a - - - -	d - ɣ w a - - - -

ɜ → ʈ

Near.Vicinus	Near.Vicinus	Near.Vicinus	Red.Rubeus
v - i ɜ ě - - -	v - i ɜ ě - - -	v - i ɜ ě - - -	ɣ u - ɜ - - -
v - i ʈ i n o -	v - i ʈ i n - - -	v - e ʈ i n - - -	r ɔ - ʈ - - -

õ → o:

Name.Nomen	Name.Nomen	Not.Primary	Not.Primary
n õ - - -	n õ - - -	n õ - - -	n õ - - -
n o: m e n	n o: m e -	n o: n	n o: n

õ → ẽw

Not.Primary	Not.Primary	Not.Primary	Not.Primary
n õ - - -	n õ - - -	n õ - - -	n õ - - -
n ẽ - - -	n ẽ - - -	n ẽ - - -	n ẽ - - -
w - - -	w - - -	w - - -	w - - -

i: → g

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

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

ʈ → ɜ

Near.Vicinus	Near.Vicinus	Near.Vicinus	Red.Rubeus
v - i ʈ i n o -	v - i ʈ i n - - -	v - e ʈ i n - - -	r ɔ - ʈ - - -
v - i ɜ ě - - -	v - i ɜ ě - - -	v - i ɜ ě - - -	ɣ u - ɜ - - -

ẽj → o

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

Appendix 2 - Prior Frequencies

d → r

Round.Primary								Round.Primary								Round.Primary								Round.Primary							
r	e	d	o	n	d	o	-	ʁ	e	d	õ	-	d	u	-	ʁ	ə	d	o	-	-	-	-	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 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 nuvej keližẽj kěj něj ẽj		
ẽw̃	0250, 0303, 0077, 0303	63
kẽw̃ kẽw̃ grẽw̃ grẽw̃ mẽw̃ mẽw̃ nẽw̃ nẽw̃		
au	0061, 0075, 032F	78
kauda kaude kaude aũdire auzi paũkus		
ea	0065, 032F, 0061	80
ṭeaṣṭa sṭea ṭʃeaṣṭa ṇea g̣eaṣṭa ḅea veḍea ẓaʃ̣ea ʃeḍea ḳaɖ̣ea		
oa	006F, 032F, 0061	40
ḍoaṃn̄a f̄oaje sk̄oarts̄a f̄loare c̄oada s̄oare pl̄oaje n̄oapte v̄oame kun̄oafte t̄oart̄fe c̄oase apr̄oape		
ẽj̃	1EBD, 006A, 0303	46
nen̄ẽj nen̄ẽj nuv̄ẽj kaliz̄ẽj kěj něj ẽj̃		
ẽu	1EBD, 0075, 032F	90
l̄ẽu		
aj	0061, 006A	55
paj paj ɔraj ajyɔw̄a sajβru sajβru tene:braj kajkia kajlum 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 fija: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 maŋja: morsika:re cuca: spuda: suffla:re sofla: respi:ra:re respira: ko:gita:re pen:sa:re pen:sa: odo:ra:re fra:gra:re trima: neka:re tu:ta:ri makt̄a:re mat̄ja: pugna:re kapti:re cat̄ja: pulsa:re pulsa: seka:re sea: kurta:re ekskurta:re skurta: ta:lia:re ta:ʎa:re taja: se:para:re separa: jugula:re jugula:re ra:dere rada: rasa: kawa:re ʃava: ekskawa:re z̄java: nata:re nada: naviga:re naviga: wola:re zvola: camina: ma:rʃi: ambita:re sedenta:re senta: sta:re sta: leva:re leva: alʃa: torna:re torna: gyra:re ɖjira: ɖjira: da: dona:re dona: appekto:re frika:re frikta:re lawa:re lava: eksu:ka:re suja: limpida:re tira:re tira: pulsa:re pulsa: jakt̄a:re lankea:re lanʃa: e:runka:re liga:re lea: apta:re komputa:re konta: numera:re numera: kanta:re canta: joka:re ɖjuja: flu:ktua:re fluita:re ko:la:re gela:re glakia:re glaʃa: inglakia:re infla:re enfla: konfla:re zglonʃa: krema:re flamma:re flama: flagra:re ustula:re la:tus de:lika:tus ma:l sua:wem illa:k		
ej	0065, 006A	58
pejʃi cavej okej seju pejtu sejʃu areje fejrak zejtar zejtar kejm̄ake istrejtu ɖjirejtu trej		
e:	0065, 02D0	26
fe:mina be:stia se:men pe:l ste:l̄la pje:tra pje:re hare:na nu:be:s tene:braj tene:bra:s nef die:s morde:re ri:de:re wide:re save: pen:sa:re ole:re time:re se:para:re jake:re ɖzaʃ̄fe:re sede:re tork̄e:re tene:re e:runka:re intume:skere kreske:re arde:re de:lika:tus du:ʒe: fret̄ ple:nus di:re:ktus korre:ktus tre:s 'tre:		
i:	0069, 02D0	38
mui:r marit̄us marit̄ ra:di:kem ra:di:ke radi:ʃe ra:di:ki:na wi:wenda pi: pit̄ fi:ka:tum ri:wus ri:pa:ria rivi:ʃ pi:ʃ ka:li:ginem si:ʃ ʃi:l̄ ni:f kammi:num ma:ni: sysi: respi:ra:re ri:de:re ri:de:re xi:ʃ vi:ʃ aũdire uldi: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:dere t̄ʃesi: teji: di:widere parti:re parti: naɖʒi: ma:rʃi: weni:re vi:ni: ho:si: strengi: pu:si: lanci: loji: di:kere di:ʃ di: skori: subti:lem suti:l̄ fri:gidus vi: di:re:ktus wi:ki:nus k̄wi:nk̄e ekkumhi:k ibi: ki: si:k ki:		

Appendix 4 - Words containing each segment

ĵ	006A, 0303	93
mũĵtu mũĵtu		
k^j	006B, 02B2	81
ok ^j dženunk ^j vek ^j		
k^w	006B, 02B7	87
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 noĵti noĵti froj rojb dojs doĵf doj doj		
O:	006F, 02D0	2
ego: no:s no:i no: wo:s voi vo: spo:s o:b flo:rem fjo:re flo:r o:wum o:rikla so:lem so:vĵō 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: u:hē: fru:ktus fu:nem u: u:f kornu: plu:ma u:j ku:ŋ ku:r lu:na plu:f flu:men nu:be:s nu:bilus nu:l fu:ma:ta gelu: fu:mus fu:k dĵu: dĵu: su:gere tu:ta:ri tu:rne eksu:ka:re pu:si lu:dere flu:ktua:re ku:ŋ minu:tus minu:t du:ze: su:ti ju:f aku:tus retu:sus u:midus u:dus u:nus ŋemu:t		
Ō:	00F5, 02D0	76
sō:g		
Ø:	00F8, 02D0	72
flø:ŋ gø:j fø:t stø:l fø: bø:ŋ savø:ŋ kø:z stxø: drø: dø: trø:		
œ	0153, 0303	94
okaœ œ		
ej	0250, 006A	59
peĵfi oreĵle seju peĵtu seĵfu e:reje fejrar keĵmare iftreĵtu feju feju vejlu direĵtu virmejlu		
ẽ	0250, 0303	43
ifẽĵfi ifẽti grẽme sēgi sēgi pẽse pẽse itrẽne mōtẽne mēzax mēzar ēdax ēdar lēsa lēsar kētar kētar tētu tētu grēdĵi grēdi ěfu ěfu kwēdu kwēdu		
ã	0251, 0303	41
āfā efā seŋpā sēmās vjād sã dã zãb vātŋ pās ātŋaj vã sãdŋ ã ã lãg mãze pãse sātŋŋ fãdŋ etãdŋ lãse fãte ŋãte āfle ēsãdĵe gŋã gŋã āpl kã kōmã dã		
oj	0254, 006A	16
nojs vojs foj loji:		
ɔ:	0254, 02D0	73
ŋɔ: kɔ:ɔ:ç ɔ:m pɔ:rɔ:ti hɔ:si: bɔ:wɔ:no mɔ:		

Appendix 4 - Words containing each segment

õ	0254, 0303	89
mõ nõ kõspyē nōbke lō nõ nō		
ej	025B, 006A	86
sōlej fēje vēmej		
ɛ:	025B, 02D0	56
pɛ:r u:hɛ: pjɛ:de ɛ:w tɛ:ʁ tɛ:nebre tɛ:nebre tʃɛ:ʁ pjɛ:no kwe:		
ẽ	025B, 0303	62
fjẽ vêt fãmẽ pēsẽ sēti sēde fēt pwēdk epwēdk etwēdk ẽsādje plẽ vwazẽ lwētẽ kômẽ		
g^w	0261, 02B7	74
sang ^w inem ling ^w a		
ij	0268, 006A	66
kijne		
iw	0268, 0077	70
griw		
ẽ:	1EBD, 02D0	88
sẽ:d		
a	0061	28
fe:mina fam embra femmina fembra domina dam doja dōnna infantem infante fante sponsa esposa spōza ispoza maritus māxi mariđo marito maridu marit mari:t mađre marə mari patre pađre parə pari tata tata tata tata tatə animalia omaj alimaņa nōmaje be:stia biſſa pwasō awem abe avi avi aw awikellum wazo passerem paxaro passero paseru paseru pasəre kanem kan kane ka can sarpint farpe arborem aŗbŗ aŗbol albero aŗvori arvuri abrə arbul arbore silwa selba selva sēwva selba pal palo palo paw paw pal par grano grano gra gran folia oxa fάλλα frondea frondza raiθ kais kadi radi:tfe ra:di:ki:na kasin kortikea korteθa kortettfa skortea skōrtsa skwas skwartse herba jerba erba jarbe jarbə grāmen grama gram rista resta kwan kotenna pja karnem karne karne kārni karni karn karne wi:wenda bibjenda vivanda vivēda sang ^w inem sangre sangwe saŗ saŗk adepem adipe grasa grafe grafe kaŗda kola koda kua plu:ma pluma pjuma penna peņa penna panə pwal kapillus kabejo kapello kabelu tʃivja cavej kapitia kaβeθa kavettsa kabese kap kap testa testa o:rikla orexa orekkja naso nas nas nariθ nariſe naris bukka boka bokka gula gola gola ungula upa ungja gamba gamba gambə jambe gambə perna pjerna manum mano maŗ a:la ala ala a a alə ale pantikem panθa panſfa paŗſə pantse intera:nea ōtŗaj entraņa əntrəņə spatula espalda spalla ispadwe ispadwe əspałłə spal spale spate san anima alma alma awmē almē anime iyađo fegato fikat lu:na luna luna ste:lla etwal estreja stella ak ^w a aŗwa akkwa agwē agwē age apə pluwia jubja pjodđga ri:paria lakum lak lago lago lagu layu łak lak lak mare mar mare maŗ mar mar mare sal sale saw sal sal sare saksum sasso petra pjeđra pje:tra pjatrə lapidem laude lapide hare:nə arena arejə arinə sabulum sabl savalən sabula sabbja pōlvar terra tjera terra tsarə nuvola kalina kalidđine kalizēj nebula njebla nebbja tinjeblas fu:ma:ta fumata fuma:ta fumase fumase fumate kajkia glas gjattfa glas glatfe θeniθa wia vwa bia via stra:ta estrada strada istrade iftrađe kammi:num kamino kammino kamjnu monta:nea mōtajn montajna montajņa muntajņə mōtajn mōtajne dia zōņa zōņa diurna:ta xornada đornata đornade annum aņo anno aņ aņ an ling ^w a lenggwa lingwa manduka:re mandukar mandğare mēzŗ mēzŗ məŗza maņi: maņja: minka mwardi moskar morsikare musəga musəgar musəŗa murseka sugaŗ sugar skujpa esputar sputare soffjare sufla respirar respirare kəspirar kəſpirar rəspira vwaŗ sapere savwaŗ saber sapere sabēŗ savə:ŗ save: kwidar kođitare kuŗitaŗ kuŗitar kujda kuđgeta pensar pensare pēsŗ pēsar pənsa pəsa ulura odorare fragrare fejŗaŗ fejŗar fləjŗa tremare dwaŗmi via nəga neka anegar annegare makta:re mate matar mataŗ mētar mēta maſfa: puņar puņjare puņa battuere batŗ batir battere baterŗ batrə bate bati bate kaptia:re fase kaθar kattfare kasaŗ kəsar kəsa caſfa: puxar pulsare puŗaŗ puŗar pulsa segar segare segaŗ siŗaŗ səŗa kortar koŗtaŗ kurtar skortare skurta taxar tałłā:re tałŗaŗ tēłŗaŗ təłŗa taja: taja parti:re paŗtiŗ partir partire paŗtjŗ parti: se:para:re separar separare separaŗ sipēŗaŗ səpəŗa		

Appendix 4 - Words containing each segment

gordo lurdus lerdo lordo lerdo lerdo menudo miudu de:lika:tus du:ze: delyaðo delikato dewgadu deŷaðu dəlikat kalidus kaldo kaldo kawdu kaldu kald fri:gidus freddo putridus putrido putred podri sordidus sordido sordidu sordidu di:re:ktus dɛwa dritto direjtu drɛt drø: drɛt drept rotundus redondo ritondo rədōdu ɛdōdu rədo rətund nitidus neted u:midus umido umid umed u:dus ud adpropre dekstrum djestro dastro dəstru dɛʃtru destrə djestri wiridem berde verde verdi verdi verde duo:s dø dos dojs dojʃ dos dø: doj doj duaj due dowə duas duəs duɛʃ 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 femer femjə fembra femeje mulierem muxer moʎle muʎer muʎer muʎe mujere done infantem infante fante nenēj nenēj nen epuz esposa epu esposo matrem meɣ madre ma:dre mer patre peɣ padre pa:dre nema:l nɔmaje piskem peθ peʃfe peʃ peʃte awem abe awikellum useʎ passerem passero pasəre kanem kane kijne peduklus pedoli pədukje serpentem seɣpɔ serpente serpente seɣpɛʃi sərpen ʃarpe wermem vɛɣ berme verme vɛɣmi vermi vjerme arborem albero arbore selba selva selba selve se:men seme sementis simjente semente semēʃi səmen sementʃe fwee fɔaje frondea ra:di:kem ra:di:ke radi:ʃe kortikem kortiʃe kortikea korteθa kortettʃa skortea ekos skwartse flo:rem fjo:re floare herba jerba eɣvɛ erbə jarbe gramen fu:nem fune funje restem ɣeʃti 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 peɣa penna penɛ penɛ pen pene pelo pelo pelu kabejo kapello kabelu kəβelu kaβeθa kavettʃa kabesɛ kəβesɛ testa testə teste orexa orekkja oreʎə orele ureke ne ne nariʃe gɔle dentem djente dente dinte ungje pedem pie pie pie:de piez jambe perna pjerna petiolus peθiolo genikulum zueʎu dʒenoli dʒenunkʲ el el ale wentrem bjentre bentə vintre pantikem pantse pintʃe intera:nea entrəna kwejo dwes epol espalda spate seno seno sen pektus peʃfo pjept kwore anime fegato fedʒə so:lem sole square soreli lune etwal estreja stella istrelə ɪʃtreʎə stele age ploje plɔaje flu:men fjume ɣivjɛɣ mare mare meɣ mare sa:lem sale se sare petra pjeɣ pjeðra pedrə peðrə pje:re lapidem laude lapide arena ərenə pulwerem polvere pulbere terra teɣ tjera teɣə tjere nube nube ka:li:ginem kalidʒine nebula njebla nebbja newlə negurə tene:braj te:nebre tene:bra:s tenɛbɣ tinjeblas te:nebre tanebrəs fyne fumate θjelo ʃjer wentum bjento ben niwem njebe neve new gelu: jelo dʒer glaʃe fwego kinerem ʃenere θeniθa ʃenuʃə estrada montem monte monte monta:nea mɔntəne noctem noʃe notte nɔapte zuɣne dʒornade no:men no:me nume no:minem nombre lengwa bibere beber bere bebeɣ biʃer bevi komedere komer kome kumer manduka:re mɔʒe mandʒare morde:re morðer mɔrdere mɔɣdeɣ murðer morsika:re morsikare murseka su:gere syse suɣje konspuere kɔʃpye eskupir sputere esputar sputare womere vɔmere vɔame suffla:re sufle soffjare sufle respira:re respirar respirare ɣespirar respira: ri:de:re reir ri:dere ride wide:re ber vedere vɛɣ ver vedɛa aɣdi:re udire ski:re sapere saber sapere sabɛɣ seber kogno:skere konɔθer konɔʃfere kɔɣesɛɣ kupiser kungʃte ko:gita:re kuide kodʒitare kuɣʒeta pe:nsa:re pɔse pensar pensare pe:se pe:nsa: senti:re sentir sentire olere oler olire odor:re odorare fra:grare fleɣe fragrare time:re temer temere temɛɣ timer temə temi teme tremere tremere tremare tremɛɣ trimer dormi:re dormire wi:were vivere viveɣ viver morire mɔɣɛɣ muxer neka:re nwaje neka anegar annegare tɣe tuwe makta:re mate okki:dere utʃidere utʃide pugna:re puɣɣare battuere battere bateɣ bɛtɛr bate bate kaptia:re ʃase kattʃare pulsa:re puse pulsare seka:re sje segar segare segaɣ sea: kurtare ekskurta:re ekuɣte skortare ta:lia:re toje taʎʎa:re di:widere dividere divide skindere sɛde ʃindere findere ender fɛndere fɛdeɣ fɛder parti:re parti:re se:para:re sɔvɛ separar separare separaɣ separa: separa pungere punɣere punɣe jugula:re zygye jugula:re ra:dere raer radere ɣaɛɣ ɣeɣr rade ɣoze rasare fodere kawa:re ʃəve kavare ekskawa:re eskabar skavare nata:re nɔtore naviga:re naze nabegar navigare wola:re vole volare vɔle zvolare ʃəmine kamminare ʃimine ma:ʃe mergere merɣere merɣe amb ita:re andare weni:re benir venire veni ekstendere etɔdɣ ekstender estendere istɛdeɣ ɪʃtɛder əstendrə ekstinde jake:re zeziz jaθer dʒaʃe:re zɔzɛɣ zɔzer dʒere jesi sedere seɣ seɣ sedere seɣ seɣ seɣ seɣ sedenta:re sentar senta: sta:re estar stare leva:re ləve jebar levare levaɣ ləve leva: ose altsare torna:re tuɣne tornare tu:rne gyra:re ziɣe dʒirare viɣe virare viɣe torkʷ:re torθer tɔɣʃere turser turser tɔartʃe kadere kaer kadere ʃjade tɔbe tume dare dare dona:re done donare dine tene:re tener tenere teɣ ter tɛine segurar eksprimere eɣɛdɣ ekspremir spɛmere ɪʃpɛmeɣ ɪʃpɛmer əspremə esprimi skreme serrere serar seka serare seɣe θerar serrare seɣe appektora:re apretar stringere etɛdɣ estreɣir strindʒere stringe strindʒe frika:re fɛɣje fregar fregare frea freka frika:re fɔte frettare fɔte lawa:re lave lavare lave tergere terɣere ekstergere estarsir ʃterɣe eksu:ka:re esuʃje affugare suwe limpida:re tira:re tiɣe tirare tire pulsa:re puse pulsare trahere trarre traze trezer traɣje impingere impindʒere impindʒe jakta:re zɔte ɛʃar dʒettare dʒete lankea:re lɔse lanʃare e:runka:re arrontʃare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kufjere kuzer kuzer ɔqase komputa:re kɔte kontare kɔte numera:re nɔbɛ noverare numera numera di:kere deθir dire dizer dizer ziʃe ekspɔ:nere sporre spune kanta:re ʃɔte kantare ʃɔte lu:dere joka:re zve dʒokare dʒuwe flu:ktua:re flyktɣe fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare kɔle ekskurrere eskurir skorrere ɪʃkɔɣɛ ɪʃkurer skurɣje kurrere korer korrere kɔɣɛ kuzer kurɣje gela:re zɔle elar dʒelare dʒale glakia:re glase gjattʃjare inglakia:re ingetsa infla:re əfle enfiare ɛfle enfla: konfla:re gɔfle gonʃjare gɔfle intume:skere entumeθer itumeser itumeser kre:ske:re kreθer kreffere kreseɣ kriʃser kreʃə kreʃte krema:re kɣame kemar kremare kɣjmare kejməɣe flamma:re flame flammare arde:re arder ardere aɣdeɣ ɛrder arde flagra:re flagɣe flagrare inkendere ɛsɔdʒe enθender intʃendjare isendʒiar ənsendrə intʃindʒe ustula:re ustolare alter grandem grande majjore mare le epe espeso spesso ɪʃpesu grabe greve grew grew lerdo lerdo pekeɣo pekenu pikenu brewis brebe brew bɛʃ etɣwa estreʃo stretto menudo delyaðo

delikato dewgadu subti:lem sottile subtsire freddo rekentem reθjente reʃjente kesēʃji kesēʃji retsint reʃe leno nweθo wetulus
 bjexo veʎu veʎ vjei vekʲ bweno putred putrem poðre drept redondo wədōdu hebetem ebete retu:sus retuzo sua:wem soave
 netto neted umed seko sekko seku seku sek korretto proizme adpropre aprɔape pressus pɔe beθino weʃin θerka dekstrum
 djestro destrɔ djestri sinjestro sinistro sinestri vermikulus bermexo vermiʎulo wɔrmeʎu rubeus rubeo rubeo ruðe wiridum
 wɔr berde verde verdi verdi verde galben amarellus krokeus krotʃeo duo tres tre tres tref kʷi:nkʷe ʃiŋkwe ekkumhi:k
 kʷem kjen ʃine ke ke ʃe ʃe kome ʃemut nek ne en deintus avek et e e e e ke ke ke

fe:mi:nə fə:m fəmmi:nə fəme:v fəmjə fəmbra fə:m fəmi:nə fəme:je i:nfəntem əfɑ̃ i:nfənte fənte i:fəʃi i:fəti efɑ̃ fru:ktus fʊqi fru:to
frutto frute frute frujt frɪ frut frukt folia fəj fɑ̃lɑ fɑ̃lɐ fɑ̃lɐ fu:lɑ fəj fwɛe fəaje frondea frondʒa frɔsɐ frɔsɐ frunzə
flo:rem flœx flor fjo:re flœx flor flɔ flɔ:x flo:r flɔare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato figədu fiyɐdu fedʒə
fø:t fi:ja:t kikat plu:f flu:men fjume flumi flumi flum fu:ma:ta fy:me fumata fuma:ta fumasɐ fumasɐ fumate ni:f ne:f fu:mus
fumo fumu fumu fum fum fum fokum fə fwego fwɔko fogu foyu fɔk fə: fu:k fok suffla:re sufle soffjare sufle sofla: sufla
fra:gra:re flɛxɐ fragrare flɔjra findere fɑ̃dɔ fəndere fɛdɛx fɛdɛr fəndrə fɛt fodere fwix frika:re fɛje fregar fregarɐ frəga froj
frea freka i:friqar i:frijar frikta:re fɔte frotar frettare fɔte frisar frɛsa flu:ktua:re flyktɥe flugtwar fluttuare flutuax flutuar
fluktua fluktua fluita:re fluitare fluere flye fluir fluire flwix flwir flui infla:re əfle enfiare imfla ɛfle enfla: umfla konfla:re
gɔfle gonfjare gɔfle zɔlɔfa: flamma:re flame fjammare flama flama: flagra:re flagxɐ flagrar flagrare flagxax flagrar ɟwifɛf
bœf bœf fri:qidus fɔwa frio freddo friu friu fret frɔwɐ frɛ:t nu:f

pəhõ u:hɛ: herba hare:nɑ kinɔh hɔ:si: trahere hebetem ekkumhi:k abhɔc

io noi voi fe:mina femina femine mulierem domina infantem infante ifēfi nipo nino ispoza maxi mariðo marito maridu mariðu marit marit ispozu sokius mari pari animalia alimapa be:stia biſſa biſe biſe biſ piskem pejſi avi awikellum pidakkjo piołu piołu pedoli sekpēſi ſarpint vēmī aſvori ſilwa fūqi ſementis ſimjente ſemēſi ſimēs grin folia raið ſais ſeif ſadi ſasin rādēſinē kortikem kortiſe kōſſiſi kōrtiſi kortikea kōſſiſe kurtiſe riſta ſeſſi kodſiē kodie peli kākni bibjenda vivanda vivēda vivēde ſangw'inem ſēgi adipe pilus kapillus ſſivja kapitia o:rikla voli narið nariſe nariſ neriſ dēſi dint dinte piez petiolus peðiolo pitſſolo piſſjor genikulum inoxo đinakkjo đino đenoli vintri vintre pantikem intera:nea iſpadwe iſpadwe ſinus ſi pi pit anima anime inimō iyaðo figedu fiyeðu fiya:t fikat ſolikulus ſoreli iſtrele pluwia plūqi flumi rio rio riw riw riparia riſſeſ rivi:ſ lapidem lapide arinō nu:bilus kal:iginem kalina kalidſine kalizēj keližēj tinjeblas kajkia 'vint niwem nēvi kinerem ðeniða ſſinize wia bia via vie vie biā iſtrade iſtraðe kamino kammino keminu kēmi mōſſi nūqi nit die:s dia di die die diā di zi diurnum diurna:ta nomi no:minem lingwa lingwa limbā bibere bevi mwardi morsika:re morsikare kuſpiſ kuſpir eſkupir aſkupi vomis vo:mi reſpirar reſpirare reſpirar riſpirar reſpira reſpira: riſ reir riſ riſ riwrā ridi wide:re vjodi wiſ oir udire owviſ owvir ui auzi ſti kinoh koſoſi ko:gitare kuſide kwidar kodſitare kuzitaſ kuzitar ſātis ſentir ſentire ſēſſiſ ſētir ſanti ſēti ſinti: ſimtsi olire time:re temi trima: dōxmīſ dormir dormire dōxmīſ durmir durmi dwāxmī dormi vivſ bibir vivere viveſ viver biwrā vivi via muſiſ morir morire muri mōri muri tu:tari ſksis utſſidere ukſi utſſide batir bati kaptiare ta:lia:re di:widere dibidir dividere đividſiſ dividiði dibidi dibidi divide ſkindere ſindere findere paſtiſ partir partire paſſiſ pērtir pōrti pō:rti pūziſ pūzir puſi fwis iſkevaſ iſkevar naviga:re navigare naviga: naviga ſəmine kaminar kamminare kemināſ keminar kəmina ſſimine camina: ambita:re vōniſ benir venire viſ vir bōni vini viji: veni iſtēdeſ iſtēder ekſtinde zezis jeſi ziſe xirar đirare zirar zirar zira đira: viſe birar virare virar zirar bira viſe đira: keir keir dine tōniſ tōni tini tinji tsine ekſprimere ekſpremir iſprəmeſ iſprəmer eſprimi ſtringere eſtrepir ſtrinđere aſtriſzir aſtriſzir ſtringe frika:re frikta:re friſar eſtarsir aſtərzi eſqiſe limpada:re limpjār tira:re tiſe tirar tirare ſſira tirar tira tire tira: impingere impindere impindſe xita liga:re lie liya kuſſire kuſi kuſi diſ deðir dire dizer dizer di ziſe ludir fluita:re fluitare fluir fluire flwiſ flwir flui eſkurir iſkōweſ iſkurer kuſiſ kōri kori glakia:re inglakia:re inflare inſjar enfiare imfla intume:skere inkendere inſſendjare inſſindſe omnis opni altri alius grēđiſ ſpiſſus iſpeſu iſpeſu grawis gwiſſeſ gravi grevi pittitus pōti pōtit piti 'pittinus pittino putsin pitulus pikkolo piſſul brewiſ brevi ſtriktus iſtrejtu minu:tus minuto miudu miuðu minu minut de:lika:tus delikato dōlikat ſutil ſottile ſuſſiſ ſuſſiſ ſuſtli ſuti ſubſſire kalidus fri:gidus frio friu friu keſēſi keſēſi reſſint plin vjei putridus poðriðo putrido poðrit podri ſordidus ſordido ſordido ſordidu ſordidu iſpurku iſpurku dritto đirejtu diſrejtū ritondo nitidus niðio u:midus umido umid ſikkus prokſimus proximo prōſſimo proſimu proſimu proizme proſim beðino viſſino viſiznu viſiznu bæi viſē viſſin veſſin kirka djeſtri ſiniſtrum ſinjetro ſinestro ſiſttri vermikulus vermiłło wiridem galbinus amarijo kwatri ðinko ſſinſkwe ſinſk 'ſinſk ſinſſiſ aki kwi aki eki aki illak ibi: vi ai ai ei k'wis ki ki ki kwi ſſine k'wid ki ni ni ni in deintus dins i i i i si si si si si si si ſi ki

Appendix 4 - Words containing each segment

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jo jew femje femeje mujere omaj nɔmajɔ utʃjel ʃjɛ pjoxo pidɔkkjo pju pɔdukje serpjente sjɛpɛ vjer vjer vjerme frujt simjente fɔɛj fɔaje fjo:re jep jarbe jarbɔ funje pjel pja pjel pjele vjɔd bibjenda pjuma ʃvivja orekkja ɔɛj ɔkkjo uɔj gɔ:ɔ djente ungja ungje pje pje pje:de pjerna pitʃjor ɟinɔkkjo bjentre ɔtʃaj pjept fija:t jubja pjodɔɟa ploje plɔaje fjume ɔivjɛr pjɛr pjeɔra pje:tra pje:re pjatrɔ so:vjɔ sabbja tjera tjere njebɫa nebbja tinjeblas sjel ʃjelo bjento njebe gjaɫʃa ɟurno skujpa soffjare vjodi kujda flɔjra sje taje tɛji: taja: taja jugula:re jugula:re jake:re jesi ʃjɔade tinji esujje suja: limpjɔr jaktɔ:re joka:re ɟuja: gjaɫʃjare gonfjare fjammarɛ ɛsɔɟje inʃɛndjare isɛɟar majjo:rem ampjo gɔijɛf reʃjente pje:no vjɔ bjexo vɛkkjo vjei djestro djestri sinjestro rubjo rɔbbjo kjen

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sokius piskem awikellum kanem kan kane kɛw̃ kɛw̃ ka kijne peduklus pidɔkkjo pɔdukje fru:ktus frukt ra:di:kem ra:di:ke ra:di:ki:na kortikem kortiʃɛ kɔɫʃisi kɔrtisi kortikea korteθa kortetʃa kɔɫʃisɛ kurtisɛ skorteɔ ekɔɔs skɔrtsa ɔskɔrsɔ skwas skwartɛ skɔqartsɔ kwan kotenna kɔɟiɛ kɔɟiɛ konnɔ karnem karne karne karni karni karn karne sanʃk kɔ:ɟ kornu: kɔɔn kwerno kɔrno kɔɔnu kornu kɔɔn kwen kwa:ɔ korn kaɟda kɔ kola koda kaɟdɛ kaɟdɛ kua kɔw kɔdɛ kapillus kabɛjo kapello kabelu kɛʃɛlu kɛbɛɫ kapitia kɛbɛθa kavetʃsa kabesɛ kɛʃɛsɛ kap kap o:rikla orekkja ureke okulus ɔkkjo bukka boka bokka bokɛ bokɛ bokɔ bok bukɔ kambɔ pɛkol genikulum ɟinɔkkjo pantikem kollum ku kwejo kollo kɔlu kɔlu kɔɫ kwɛl pektus kor kɔɛ kwɔre kɔɔ kor kor ku:ɔ ku:ɔ fi:ka:tum fikat solikulus akkwa lakum lak ɫak lak lak saksum ka:li:ginem kalina kalidʒine kalizɛj kɛlizɛj kajkia kajlum fokum fwɔko fɔk fu:k fok kinerem kammi:num kamino kammɔno kamijnu kɛmijnu kɔmi komedere komɛr kome kumer manduka:re mandukar minka morsika:re moskar morsikare mursekɔ konspuere kɔspye kuspiɔ kuspɔr eskupɔr ɔskupi skujpa ski:re kogno:skere kɔnɛtɔ konoθɛr konoffere kopɛsɛr kupiser kunɛʃɔ kinɔh koposi kunqasʃɛ ko:gita:re kɟide kwidar kɔɟitare kuzitaɔ kuzitar kujda kuɟɛta kɛdɛɔ neka:re neka makta:re okki:dere ɔksɔɔ uksi kaptia:re kaθar kattjare kasɔɔ kɛsar kɔsa sekɔ:re kurtɔ:re kortar kɔtɔɔ kurtar ekskurta:re ekurte skortare skurta: skurta skindere raskar ɔɫʃkaɔ ɔɫʃkar rɔska kosaɫ kusar kawa:re kabar kavare kɛvaɔ kɛvar kɔba ekskawa:re eskabar skavare iʃkɛvaɔ iʃkɛvar kaminar kamminare kɛmijɔɔ kɛmijar kɔmina ekstendere ekstender ekstinde jake:re kadere kaɛr kadere kɛir kɛir kawrɔ kɔɟɔ eksprimere ekspremɔr skreme appektora:re frika:re freka frikta:re ekstergere eksu:ka:re uska jaktɔ:re lankeare e:runka:re arankar arunʃka ko:nsuere kudɔ koser kufjire kuzer kuzer kuzi kɔ:ɔ kuzi komputa:re kɔte kontar kontare kɔtar kɔtar kumta kɔte konta: di:kere ekspɔ:nere kanta:re kantar kantare kɛtar kɛtar kɔnta kinta joka:re ɟokare zuka flu:ktua:re flyktɟe fluktua ko:lare kule kolar kolare koaɔ kuar kuɫa kɔle ekskurrere eskurɔr skorrere iʃkɔvɛr iʃkureɔ ɔskorɔ skori: skurɟɛ kurrere kuɔiɔ korɛr korreɛ kɔvɛr kuɔɛr korɔ kɔri kori kurɟɛ glakia:re inglakia:re konfla:re intume:skere kre:skɛre kɔwatɔ kreθɛr kreffere kresɛr kriʃsɛr kreʃɔ kreʃte kremare krame kemar kremare kejmare kejmɔɛ krɔma inkendere okɛ alkuno paɟkus poko pɔko powku powku pɔk pɔ:k lunk ɫark lark krassus pekeɟo pekenu pikenu pikkolo kurtus kuɔ korto korto kuɔtu kurtu kurt ku:ɔ kurt striktus de:lika:tus delikato dɔlikat kalidus kaldo kaldo kawdu kaldu kaɫ kald rekentem vɛkkjo spɔrko ispurku ifpurku spɔrk spurk di:re:ktus aku:tus sikkus sek seko sekko seku seku sek sek korre:ktus korretto proksimus wi:ki:nus kirka θɛrka dekstrum vermikulus krokeus krotʃɛo grɔk katɔ kwatro kwattro kwatru kwatru kwatrɔ kwat kwatri sɛk θinko ʃɟɟkwe siku siku siɟk sɛk 'ʃɟɟk ekkumhi:k aki kwi aki ɛki aki illa:k ki ki ki ki: kwi kjen kɛj kɛj kwa ke ke ki ki kɛ kwe: kɔ kwando kwando kwɛdu kwɛdu kwan kwand kwant kind kɔmɔ komo kome komu komu kɔm kɔmɛ kum nek kum kon kon kɔ kɔ ku avek sik kɔ ke ke ki ki kɔ ki: ke kɔ

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mulierem animalia alimajna nema:l awikellum utʃfello utʃjel peduklus pedoli arʃol albero arbul silwa selba selva selba selve pa:lus pal palo palo pal pa:l folia ɔɛl flo:rem flɔɔɔ flɔr flɔɔ flɔr flɔ flɔ:ɔ flɔ:r flɔare pellem pjel pelle peli peli pjel pjele kola plu:ma plym pluma plomɔ plɔm plumɛ pilus pwal pelo pelo pelu pilu pɛl pɛl kapillus kapello kabelu kɛʃɛlu o:rikla orele okulus voli gula gɔɛl gola gola golɔ gɔle ungula ɔɟl ɔɟgule petiolus pɛθiolo pitʃɔlo pɛkol genikulum ɟɛnoli a:la el ala ala alɔ el ale kollum kollo kɔlu kɔlu kwɛl spatula epol espalda spalla spal spale alma alma almɛ so:lem sol sole sɔl sɔlɔ solikulus sɔlɛj soreli lu:na lyn luna luna lue lue lɔn lune lunɔ steilla etwal stella istrelɛ iʃtreɛ ɔstɛl stɔ:l stele pluwia plɟi pluɟɔ plu:f ploje plɔaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak la:t lak sa:lem sel sal sale sal sal sa:l lapidem laude lapide sabulum sabl savalɔn sabula pulwerem polvere pɔlvar pulbere pulwus polbo pols nu:bilus nublo nuvola nuvol nu:l ka:li:ginem kalina kalidʒine kalizɛj kɛlizɛj nebula njebɫa newlɔ tinjeblas kajlum sjel ʃjelo ʃjel sel ʃi:l gelu: ɟɛl jelo ɟɛlo glas glas glɛs glaʃɛ lingʷa lɔɟ lengwa lingwa ligwɛ ligwɛ lɛu 'lɛnɟe limbɔ suffla:re sufle sufle sofɫa: sufla uldi: olɛre olɛr olire ulura flɛɔ flɔjra pulsa:re pulsare pulsa: pulsa ta:lia:re jugula:re zyɟyle jugula:re wola:re vole bolar volare bula vɔle zvolare zvola: levare lɔve levare levɔɔ livar lɔve leva: lua alθar altsare ɔlsa alʃa: lawa:re lave laʃar lavare levar levar lave lava: la limpida:re limpjɔr lipar lipar pulsa:re pulsare pulsa: pulsa lankeare lɔse lanθar lanʃare lɛsa lɛsar lanci: lanʃa: liga:re lie legar legare lɔji: lea: lega lu:dere ludir flu:ktua:re flyktɟe flugtwar fluttuare flutuɔɔ flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwiɔ flwir flui ko:lare kule kolar kolare kɔle gela:re

Appendix 4 - Words containing each segment

zale elar d̥elare zilar zilar z̥ala d̥zale glakia:re glase gl̥sa glat̥ʃa: inglakia:re infla:re ǎfle imfla ēfle enfla: umfla konfla:re gōfle gōfle zglonʃa: flamma:re flame flama: flagra:re flag̥e flagrar flagrare flagv̥aʃ flagrar ustula:re ustolare multus molto mol molc mult alguno alkuno ɛlgu alter altro altr̥a altr̥i alt alius longus l̥s longo lungo lōgu lōgu lō lunk lung largus l̥aʒ laryo largo l̥aʒgu largu lark larg lat̥us le lato lato latu latu lat amplus ǎpl ampl̥a lurdus l̥uʃ lerdo lordo lerdo lerdo pitulus pikkolo pit̥ʃul de:lika:tus d̥ɛly̥aðo delikato d̥elikat subt̥i:lem sutil sottile suptil suti:l kalidus kaldo kaldo kaldu calt kald ple:nus pl̥ē pl̥ē plen plin wetulus malus mal malo malo mal ma:l lwēt̥ē lontano lontan vermikulus galbinus galben amarellus ɛmarelu ɛm̥er̥elu albus albo albo alvu alb alb illak la la la la la la

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f̥e:mina fam embra femmina fem̥e fem̥je fembra f̥œm femine femeje mulierem muxer moʎʎe muʎeʃ muʎer muʎe muir mujere domina dam d̥œm d̥oam̥n̥a infantem mari:tus maʃi mariðo marito maridu m̥eriðu marit mari:t m̥arit ma:trem meʃ madre ma:dre m̥ēj m̥ēj mar̥a meʃ mari animalia omaj alimaʃa nema:l n̥omaje piskem awem awikellum passerem kanem serpentem wermem berme verme v̥eʃmi v̥ermi v̥erm v̥jerme arborem semen seme sementis s̥am̥s̥ simjente semente sem̥t̥ʃi sim̥t̥i s̥amen sim̥s̥ sement̥ʃe s̥amin̥t̥ʃe gra:num ra:di:kem kortikem flo:rem gra:men g̥v̥amen grama gr̥m̥e gr̥m̥e gram fu:nem restem pellem karnem sangʷinem ossum adepem o:wum plu:ma plym pluma pjuma plom̥a pl̥om̥ plume dentem pedem gamba gamba kamb̥a jambe gamb̥a genikulum manum m̥ē mano ma:no m̥ēw̥ m̥ēw̥ m̥ē maʃ min̥a wentrem pantikem kollum dorsum anima ɔm alma alma awm̥e alm̥e ɔ:m anime inim̥a fi:ka:tum so:lem flu:men f̥jume flumi flumi flum lakum mare meʃ mar mare maʃ mar mar meʃ mar mare sa:lem saksum lapidem sabulum pulverem ka:li:ginem fu:ma:ta fyme fumata fuma:ta fumas̥e fumas̥e fumate kajlum wentum niwem fu:mus umo fumo fumu fumu fum fum fum fokum kinerem kammi:num ʃam̥ē kamino kammino kam̥iʃu k̥em̥iʃu k̥ami montem m̥ō monte monte m̥ōʃi m̥ōti mun m̥ont munte monta:nea m̥ōtaʃ montaj̥a montaj̥a m̥ōt̥ēʃe m̥ōt̥ēʃe muntaj̥a m̥ōtaʃ m̥ontaj̥e noctem diurnum annum no:men no:me nomi nomi n̥om n̥ume no:minem nombre limb̥a komedere komer kome kumer manduka:re m̥āʒe mandukar mand̥ʒare m̥ēʒaʃ m̥ēʒar m̥aʃʒa maʃi: maʃja: m̥inka morde:re moʃd̥aʃ moʃd̥er moʃdere moʃd̥eʃ moʃd̥er mwardi morsika:re moskar morsikare mus̥əga mus̥əgar mus̥əʒa murseka womere vom̥iʃ v̥om̥ere vo:mi v̥oame sim̥si time:re temer temere tem̥eʃ timer tem̥a temi teme tremere trem̥er tremare trem̥eʃ trimer trima: dormi:re d̥oʃm̥iʃ dormir dormire d̥oʃm̥iʃ durmir durmi dw̥aʃmi durmi: dormi muʃiʃ moʃir moʃire moʃeʃ muʃer muri m̥oʃi muri: muri makta:re mate matar mataʃ m̥etar m̥eta maʃja: ʃamine kaminar kamminare k̥em̥iʃaʃ k̥em̥iʃar k̥amina ʃimine camina: maʃʃe ma:ʃʃi: mergere mer̥ʒere mer̥ʒe ambita:re tumb̥ar tumba tume eksprimere eks̥pre̥m̥iʃ sp̥rem̥ere iʃp̥rḁm̥eʃ iʃp̥rḁm̥er ɛsp̥re̥m̥a ɛsp̥rimi skreme limpida:re lim̥paʃ impingere impin̥ʒere ɛmp̥eʃn̥a impin̥ʒe komputa:re kumta numera:re num̥eʃa num̥eʃa: numara imfla umfla intume:skere entumeðer itumeser itumeser krem̥a:re k̥v̥ame kemar kremare k̥ejmare k̥ejmaʃe kr̥ema flamma:re flame f̥jammare flama flama: omnis multus mu muʃo molto m̥ūʃtu m̥ūʃtu mol molc mult magnus maʃo maʃiʃo grandem majjo:rem mare amplus amp̥jo amp̥l̥a strimt minu:tus m̥ony menudo minuto miudu miudu m̥onut minu minu:t m̥arunt subt̥i:lem rekentem malus mal malo malo maw maw mal m̥o: ma:l putrem hebetem sua:wem u:midus umido umid umed proksimus proximo pr̥oʃs̥simo prosimu prosimu proizme prosim dekstrum sinistrum vermikulus v̥eʃm̥eʃ bermexo vermiʎʎo v̥eʃm̥eʃu v̥ir̥m̥eʃu b̥er̥m̥eʃ wiridem amarellus amar̥iʒo ɛmarelu ɛm̥er̥elu ekkumhi:k k̥ʷem k̥ʷo:modo k̥om̥ā komo kome komu komu k̥om̥ k̥om̥ē ʃ̥em̥u:t kum kum

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no:s nu nos no:i noʃs n̥oʃ no no: noʃ f̥e:mina femmina femine domina d̥onna done done d̥on̥a done d̥oam̥n̥a infantem infante fante niʃo nino nen̥ē nen̥ē nen spon̥sa spon̥sus animalia nema:l n̥omaje kanem kan kane can kijne serpentem serpjente serpente s̥arpen sarpint se:men sementis simjente semente s̥amen sement̥ʃe s̥amin̥t̥ʃe gra:num g̥v̥en grano grano grin gran frondea frond̥a frun̥z̥a ra:di:ki:na ʃasin ʃesen r̥að̥ʃiʃn̥a gra:men g̥v̥amen fu:nem fune funje kwan kotenna kon̥n̥a karnem karne karne k̥aʃni k̥arni karn karne wi:wenda bibjenda vivanda sangʷinem sangwe sin̥ʒe kornu: k̥oʃn̥ k̥werno k̥orno k̥oʃnu kornu k̥orn̥ kwen korn penna pen penna pen̥e pen̥e pen pen̥e pan̥a na:sus ne naso na:so nas ne na:s nas narið nariʃe naris n̥er̥iʃ na:ʃis dentem d̥jente d̥ente dint d̥int ungula ungja ungje perna pjerna perno p̥eʃn̥e p̥eʃne p̥eʃn̥a genikulum ʒ̥ənu inoxo d̥ʒin̥k̥k̥jo ʒ̥ənoʎ d̥ʒin̥o d̥ʒenoli d̥ʒenul' manum mano ma:no min̥a wentrem bjentre bent̥r̥a vintri vintre pantikem pan̥θa pan̥ʃa pantse pint̥ʃe intera:nea entr̥aʃa ɛn̥traʃa sinus seno seno sen san anima anime inim̥a lu:na lyn luna luna ʎun̥a l̥on lune lun̥a flu:men hare:n̥a arena ɛren̥a arin̥a savalon nu:be:s ny nube nube nuv̥ēj nuv̥ēj nu:bilus nublo nuvola nuvol nu:l nor ka:li:ginem kalina kalid̥ʒine nebula n̥jeb̥la nebb̥ja n̥ev̥w̥e n̥ev̥w̥e new̥l̥a negur̥a tene:braj t̥e:nebre tene:bra:s teneb̥ʃ tin̥jeblas t̥e:nebre t̥e:nebr̥as wentum bjento vento ben 'vint vint niwem n̥jebe neve n̥eʃi n̥eʃi new̥ ni:f ne:f n̥eʃa kinerem ʃ̥en̥ere send̥r̥a θeniθa ʃ̥in̥ize ʃ̥en̥uʃa kammi:num kamino kammino montem monte monte mun m̥ont munte monta:nea montaj̥a montaj̥a muntaj̥a m̥ontaj̥e noctem n̥ʒi noʃʃe n̥otte noʃti noʃti nit nyt n̥oʃapte diurnum d̥jurno d̥ʒorno ʒorn ʒ̥oʃna ʒ̥oʃna diurna:ta ʒ̥uʃne xornada d̥ʒornata d̥ʒornade annuo ann̥o ɛnu ɛnu an no:men n̥ō no:me nomi nomi n̥om n̥ō n̥oʃ n̥ume no:minem nombre lingʷa lingwa 'l̥enge manduka:re mandukar mand̥ʒare m̥inka konspuere kogno:skere k̥oʃnet̥ʃ konoðer konoffere kun̥eʃ kin̥oʃ kun̥oʃʃte pe:nsa:re pensar pensare p̥ansa senti:re sentir sentire s̥anti sinti: neka:re nwaje n̥əga neka anegar annegare pugna:re skindere findere findere ender f̥end̥ere f̥end̥r̥a pungere pun̥ʒere

Appendix 4 - Words containing each segment

pundže nata:re nadar nwotare nadaš nēðar nēda nada: naviga:re naze nabegar navigare naviyaš neviyar nēbēga nēdži: naviga: naviga fəmine kaminar kamminare kəmina tʃimine camina: andar andare weni:re vənix benir venire bəni vini veni ekstendere ekstender estendere əstendrə ekstinde sedenta:re sentar senta: torna:re tuʒne tornar tornare toʒnaš turnar turna tu:rne torna: turna dona:re dōne donar donare duna dine dona: tene:re tənix tener tenere təni tini tinji tsine stringere strindžere stringe strēngi: strindže impingere impindžere impindže lankea:re lanθar lanʃare lənsa lanci: lanʃa: e:runka:re arankar arronʃare kənsuere kontar kontare konta: numera:re nōbʁe noverare numera numera: numara ekspo:nere spune kanta:re kantar kantare kənta canta: kinta inglakia:re ingetsa infla:re inʃar enfiare enfla: konfla:re gonʃare intume:skere entumeθer inkendere enθender inʃendjare isendʒiar ənsendrə inʃindže omnis tantus tanto tanto tant tanc alguno alkuno magnus grandem grande grande gran grant longus longo lungo lunk lung anʃo 'pittinus pittfino pekenu pikenu putsin angustus angosto angusto minu:tus mənɥ menudo minuto mənut minu minu:t mərunt rekentem reθjente reʃente reʃint plē:nus lēno pjē:no plən plin nowus nuvo nweβo nōvo novu novu nōw nōvə now bonus bweno bwə:no bən bən bun rotundus redondo ritondo tarənt rətund nitidus nēt niðio netto nēdʒu nēdʒu nēt nēt neted wi:ki:nus beθino viʃfino viʃfin veʃfin lontano lunta lontan sinistrum sənəstɪ sinjestro sinistro galbinus zən džen galben u:nus uno uno un unu kʷi:nkʷe θinko tʃintʃ

kjen tʃine kʷando: kwando kwando kwan kwand kwant kind no:n nō no non nēw nēw no nō no nu nek ni ni ne nēj nēj ni nē in en in ən in deintus dins kon kon

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jo io jo nos no bos vof vos vose voste moʎa domina doja done done nijo nino sponsa esposa ispoza iʃpozə mariðo marito sponsus esposo spəzo ispozu iʃpozu sokius səʃo sots omaj wazo utʃello paxaro passero pjoxo pidəkkjo pioʎu pioʎu poʎ pedoli arborem arβol albero əvori arbore palo palo fruto frutto grano grano folia oxa foʎe foʎe frondea frondza kortikem kortiʃe kortikea korteθa kortetʃa koʃʃise skortea ekoxs flor floʁ flor kotenna koðʒie kodie konnə po ossum weso əsso osu osu os webo wəvo ovu ovu ow kornu: kwerno kərno koʒnu kornu korn kola koda plomə pelo pelo kabəjo kapello oʒej orexa orekkja oreʎe orejʎe orele okulus oxo əkkjo oʎu oʎu voli ok' naso na:sə boka bokka boke boke bokə gola gola golə perno petiolus peθiolo pittʃolo pekol pitʃor inoxo dʒinəkkjo zənoʎ dženoli mano ma:no kollum kwejo kollo dorsum do dəsso dos do epol seno seno peʃo petto kor kor iyaðo fegato sol sole solikulus soreli o pjodʒa ploje rio rio lago lago sasso sorə polvere polbo pols nublo nuvola nuvol nor θjelo ʃelo bjento vento jelo dʒelo umo fumo fokum fwego fwəko fogu fəyʉ fok kamino kammino montem monte monte monta:nea montəna montəʃna noctem noʃe dʒurno dʒorno zorn xornada dʒornata dʒornade əno anno nomi nomi nombre komedere komer kome mordre: moʒdɪ moʒðer moʒdɪ morsika:re moskar morsikare konspuere womere vomix soffjare sofʎa: vjodi oir owvix owvir kogno:skere konoθer konoffere kopesəʁ koposi koðitare ole:re oler olire odo:ra:re odorare dormi:re dormir dormire doʒmɪx dormi morir morire moʒɪx okki:dere kortar kortar skortare kosaʎ fodere nwotare wola:re vole bolar volare voaʁ zvolare zvola: ose torna:re tornar tornare toʒnaš torna: torkʷe:re torθer dona:re donar donare doa dona: appektora:re fʁote frotar fʁote arronʃare koser komputa:re kontar kontare konta: noverare sporre joka:re dʒokare zogəʁ kolar kolare koaʁ skorrere iʃkoʒɪ əskorə skori: korer korrere koʒɪx korə kori konfla:re gonʃare zgloʃa: ustolare omnis oʃni todo tutto todʉ todu tot tot muʃo molto mol molc tanto tanto okəʎ alguno alkuno poko pəko powku powku otɪ otro owtru owtru mapo mapno longus longo lungo loŋ larʒo largo lato lato anʃo ampjo graso grasso espeso spesso gordo grossus ɡʁo ɡrəssə grosu grosu gros lerdo lordo lerdo lerdo pekepo pittfino pikkolo korto korto angosto angusto estretʃo stretto menudo minuto delyaðo delikato sottile ʃo kaldo kaldo frio freddo lēno pjē:no nowus nuvo nweβo nōvo novu novu now bjexo vekko bonus bweno bwə:no malo malo poðriðo putrido poðre poðri poðri sordidus sordido sərdido spəʁko dritto rotundus redondo ritondo rədo əyʉðo retuzo soave niðio netto umido seko sekko korre:ktus korretto proksimus proximo prəssimo prosimu prosimu proizme prosim adpropre presso beθino viʃfino lontano lontan djestro destro sinjestro sinistro roxo rosso ʁoʃʉ ʁoʃu ros roʃu bermexo vermiʎo rubjo rəbbjo rubeo rubeo zən amarijo krokeus kroʃeo albo albo uno uno dos dos dowa kʷattwor kwatro kwattro θinko kwando kwando kʷo:modo komo kome komu komu no non no no kon kon abhoc kʷod

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sponsa epuz esposa spəza ispoza iʃpozə əspəzə sponsus epu esposo spəzo ispozu iʃpozu əspəs spo:s patre peʁ paðre pa:dre paj paj paʁ pə: pari piskem peθ peʃʃe pejʃi pejʃi peʃ pəs peʃte pwasə pehə passerem paxaro passero paseru pasəru pasəre peduklus pu pjoxo pidəkkjo pioʎu pioʎu poʎ pju pedoli pədukje serpentem sɛʁpə serpente serpente sɛʁpəʃi sirpəti sərpen sjɛʁpə sarpint farpe pa:lus pal palo palo paw paw pal pa:l par jep pellem po pjel pelle peli peli peʎ pja pjel pjele adepem adipe plu:ma plym pluma pjuma plomə pləm plume penna pen peja penna penə penə peja pen pene panə pilus pwal pelo pelo pilu pel pe:l pə kapillus kapello kapitia kap kap pedem pje pje pje:de pə pə pew pi: pit piez dʒəp perna pjerna perno pɛʁnə pɛʁnə pɛʁnə petiolus peθiolo pittʃolo pekol pitʃor pantikem pəs panθa panʃa pəʃe pəʃe panʃə pəs pantse pintetʃe spatula epol espalda spalla iʃpadwe iʃpadwe əspaʎə spal spale spate pektus pi peʃo petto pejtu pejtu pit pet pjept apə pluwia plɥi pjodʒa pluʒə plu:f ploje pləaje ri:pa:ria petra pjeʁ pjeðra pje:tra

Appendix 4 - Words containing each segment

pedrē peðrē peðrā pi:ʁ pje:re pjatrā lapidem lapide pulwerem pudʁ polvere pølvar pulbere pulwus polbo pō pō pols nqapte konspuere kōspye kuspīr kufpīr eskupīr æskupī skujpa sputere esputar sputare spuda: respi:ra:re respirar respirare ʁespirar ʁispirar rāspira respira: sapere sapere pēnsa:re pāse pensar pensare pēsax pēsar pānsa pēse pēnsa: pāsa pugna:re puɲar puɲare puɲa kaptia:re pulsa:re puse puxar pulsare puɟax puɟar pulsa: pulsa parti:re partīx partīr partire pakfīx pørtīr pørti pō:rti parti: se:para:re separar separare separax sipərar səpəra separa: separa pungere pŵēdx punðgere pūzīx pūzīr puɲi punðge eksprimere epwēdx ekspremiʁ spremere iʃprəmeʁ iʃprəmer əspremə esprimi appektora:re apretar epirtar epirtar limpida:re limpjar lipar lipar pulsa:re puse puxar pulsare puɟar puɟar pu:si: pulsa: pulsa impingere impindgere əmpɛrəɲə impindge apta:re komputa:re ekspo:nere sporre spune paɟkus pø poko pəko powku powku pək pō po:k amplus āpl ampjo amplə spissus epe espeso spesso ispesu iʃpesu əspes spe pittitus pəti pətit piti 'pittinus pekeɲo pittfino pekenu pikenu putsin pitulus pikkolo piɟful suptil ple:nus plē pje:no pŧe plē plen plin putridus poðriðo putrido puðrit putred putrem poðre poðri poðri spurcus spōrko ispurku iʃpurku spurk drept proksimus proximo prōssimo prosimu prosimu proizme prosim adpropre əpɾɔp apɾəpe pressus pɾe pɾesso pɾe patru

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mulierem mui:r mujere mari:tus marito mari:t mərīt ma:trem ma:dre mari patre pa:dre pɛ:r pari passerem passero serpentem serpente sərpen sarpint wermem verme vjer vjerme arborem arbul arbore fruktus frutto frut frukt grānum grano grin gran griw frondea frondza ra:di:kem raiθ ərəl ra:di:ke radi:ʃe ra:di:ki:na rəðəʃiɲə kortikem kortiʃe kortikea kortetʃa skortea skōrtsa əskōrsə skwartse flo:rem flo:r herba erba erbə jarbe grāmen restem rēsta karnem karne karn ca:r kornu: kōrno kōrn kwa:r korn o:rikla orekkja orele ureke nariʃe na:ris perna perno pərnə piʃʃor wentrem vintri vintre intera:nea dorsum kor kwore kər ku:r soreli ri:wus rio rio riw riw ripa:ria rivi:ʁ mare mare mar ma:r mare sare petra pje:tra pje:re hare:na arinə sorə pulwerem polvere pølvar pulbere terra tjera tərɾa tjere tsarə nor negurə tene:braj tē:nebre tene:bra:s tē:nebre dʒer kinerem ʃenere sendrə stra:ta strada diurnum dʒorno diurna:ta dʒornata dʒornade bibere komedere mandukare morde:re mōrdere mwardi morsika:re morsikare musəgar murseka su:gere konspuere sputere womere vomere suffla:re soffjare respi:ra:re respirar respirare rāspira respira: ri:de:re reir ri:dere riwrə ridi wide:re aɟdi:re ski:re sapere sapere kogno:skere konoffere ko:gita:re kodʒitare 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:tari makta:re okki:dere pugna:re puɲnare battuere battere kaptia:re kattʃare pulsa:re pulsare seka:re segare kurtare ekskurta:re skortare skurta: skurta ta:lia:re ta:lla:re di:widere dividere skindere ʃindere findere fendere parti:re partire pørti parti: se:para:re separare separa: separa pungere punðgere jugula:re jugula:re ra:dere raer radere rawrə rada: rade rasar rasare rəza rasa: raskar rəska fodere kawa:re kavare ekskawa:re skavare nata:re naviga:re navigare wola:re mergere merðgere merðge ambita:re andare weni:re ekstendere estendere jake:re dʒere sede:re sedere sedenta:re stare stare levara: levara altsare torna:re tornare turna tu:rne torna: turna gya:re dʒirare dʒira: virare dʒira: tork^w:e:re tərʃere turser turser tōrsə tɔarʃe kadere kawrə dare dare dar dona:re donare tene:re eksprimere spremere iʃprəmeʁ iʃprəmer esprimi skreme serrere serar səra serare ʃerar serrare appektora:re stringere strindgere əʃtriʒir əʃtriʒir stringe strēngi: strindʒe frika:re fregare froj frea freka frikta:re frettare frisar lawa:re lavare tergere tərðgere ekstergere əstərʒi ʃterðge eksu:ka:re affjugare limpida:re tira:re tirare tire tira: pulsa:re pulsare trahere trarre traj tradʒe impingere impindgere jaktare dʒettare lankea:re lanʃare e:runka:re arankar arronʃare liga:re legare apta:re ko:nsuere kufʃire komputa:re kontare numera:re noverare numera: numara di:kere dire ekspo: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 əskorə skori: kurrere korer korrere korə kori gela:re dʒelare glakia:re gʒatʃjare inglakia:re infla:re enfiare konfla:re gonʃare intume:skere kre:ske:re kreffere krema:re kremare krāma flamma:re fjammare arde:re ardere flagra:re flagrare inkendere infəndjare ustula:re ustolare ustura alter altro altri grandem grande gran grant majjo:rem largus largo lark larg krassus grasso gras gras gurdus grossus grōsso grwəs gros grawis greve grav gravi lurdus lordo kurtus korto kurt brewis breve striktus stretto stret strimt mərunt subtsire fri:gidus freddo fret rekentem reθjente reʃjente retsint reʃje putridus putrido putred putrem sordidus sōrdido spurcus s pōrko spōrk spurk di:re:ktus dritto drø: drēt drept rotundus redondo ritondo rədo rō tarənt rətund retu:sus retuzo korre:ktus korretto proksimus prōssimo prosim adpropre apɾəpe pressus pɾesso pɾe kirka dekstrum dēstro djestri sinistrum sinistro sinestri russus roxo rosso ros rəs vermikulus vermi:ʎo bərməʎ rubeus rubjo rəbbjo rubeo rudʒe rəʃ rojb wiridem verde vert amarellus krokeus krotʃeo tre:s tre tɾəs trø: 'tre: trej k^wattwor kwattro kwatri patru

S 0073

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no:s nos nojs wo:s bos vojs bus vos usted vose vōse voste sponsa esposa spōza ispoza əspōzə mari:tus sponsus esposo spōzo ispozu əspōs spo:s sokius sōʃo sots be:stia bis piskem pēs pwasō useʎ passerem passero paseru paseru pasəre peduklus serpentem sɛɾpā serpjente serpente sɛɾpēʃi sirpēti sərpen sjəɾpē sarpint silwa selba selwa sɛwwa sɛʎve selba selve pa:lus fruktus se:men seme sementis sēmās simjente semente semēʃi simēti səmen simēs sementʃe səmintʃə frōsə frōsə ʁais ʁasin ʁesen kərʃisi kōrtisi kōrʃisə kurtisə skortea ekōxs skōrtsa əskōrsə skwas skwartse skɔartsə restem rista resta sang^winem sā saɲgre sangwe sēgi sēgi saɲ sō:g saɲk sindʒe ossum əs weso əsso osu osu əs vwes os gʁes grasa

Appendix 4 - Words containing each segment

pilus kapillus kavettsa kabese keþese testa testa tēte testā fēs teste tēastā okulus na:sus naso na:so nas na:s nas naris naris petiolus pās pēse pās dorsum dōso dos dwes spatula espalda spalla əspaʎʎa spal spale spate sinus sē seno seno seju seju si sen san pektus so:lem sol sole sōw sōl sōl sōl sōare solikulus sōlej soreli stella estreja stella istrele əstel stō:l stēle stēa ri:wus sa:lem sel sal sale saw sal sal se sa:l sare saksum sasso seifu seifu sabulum sabl sajbbru sajbbru sorə so:vjō savaln sabula sabbja pulwus pols nu:be:s nu:bilus tene:bra:s tinjeblas tēves tēnebrəs fumase fumase sjel sew sew sel si:ɣ glas glas glēs fu:mus sādɣ sendrə sē:d sīzə sīzə strata estrada strada istrade die:s morsika:re moskar morsikare musəga musəgar musəya murseka su:gere syse sugaɣ sugaɣ sysi: suɣe konspuere kōspye kuspīɣ eskupir əskupi skujpa sputere esputar sputare spuda: suffla:re sufle soffjare sufle sofla: sufla respi:ra:re respirar respirare ɤspirar rəspira respira: ski:re sapere savwaɣ saber sapere sabəɣ səber səþe savō:r save: kogno:skere kəpesəɣ kupiser kənosī pənsa:re pāse pensar pensare pēsəɣ pēsar pənsa pēse peɣsa: pəsa senti:re sātīɣ sentir sentire sēfjīɣ sētīr sēnti sēti sinti: simtsi əksīɣ uksi fase kasəɣ kesar kəsa fēsi: pulsa:re puse pulsare pulsa: pulsa sekare sje segar segare segaɣ siɣar səya sea: ekskurta:re skortare skurta: skurta skindere sēde se:para:re səvə separar separare separaɣ sipərar səpəra separa: separa rasar rasare rasa: raskar rəska kosaɣ kusar ekskawa:re eskabar skavare ekstendere ekstender estendere istēdeɣ əstendrə ekstinde jesi sede:re swaɣ ser sedere seɣ ser sedenta:re sentar sētar sētar senta: sta:re estar stare əsta es sta: sta ose əlsa əlsar əlsa hō:si: turser turser tōrsə segurar siguraɣ siɣurar eksprimere ekspremir spremere əspremə esprimi skreme serrere serar səra sərar səra serare seke serrare siɣar siɣar sere stringere estreɣir strindɣere əstreɣə stringe strēɣi: strindɣe frisar frəsa ekstergere estarsir əstərɣi eksu:ka:re esɣije suwe suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa lāse lēsa lēsar lənsa ko:nsuere koser çase ekspo:nere sporre spune ekskurrere eskurir skorrere əskorə skori: skurɣe glase gləsa intume:skere itumeser itumeser kre:skere kreseɣ kriɣser ēsādje isendɣar isēdjar ənsendrə ustula:re ustolare ustura omnis to:tus multus tantus paɣkus alius magnus longus largus la:tus amplus krassus graso grasso gras gras spissus espeso spesso ispesu ifpesu əspes spē gurdus grossus grōsso grosu grosu grəs grwəs gros grawis lurdus pittitus 'pittinus pitulus kurtus brewis angustus angosto angusto ingust striktus estreɣo stretto istrejtū əstret stō: strēt strimt minu:tus de:lika:tus subtilē sutil sottile sufjīw sufjīw suptil su:ti suti:l subtsire kalidus frigidus ɤsēfji ɤsēfji ple:nus nowus wetulus bonus malus putridus sordidus sordido sōrdido s

ordidu sordidu spurcus spōrko ispurku spōrk spurk di:re:ktus rotundus aku:tus retu:sus sua:wem soave suaw nitidus u:midus u:dus 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 destru destrə djestri sinistrum sənəstɣ sinjestro sinestro seftru seftru sipnestri russus rosso ros rəs vermikulus rubeus galbinus amarellus krokeus albus u:nus duo:s dos dojs dos duas duəs tres tres tres sēk siku siku siɣk sēk kʷis deintus dins si:k si si si si si si si si

t 0074

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tu: ty tu tu tu tu ty tu tu usted voste infantem infante fante ifēti maritus marito marit mari:t mōrit ma:trem patre tata tata tata tata tata tatə be:stia pefte utfello serpentem serpjente serpente sirpēti sarpiint fru:ktus fruto frutto frute frute frujt frut frukt sementis simjente semente simēti kortikem kortiɣe kōrtisi kortikea korteθa kortetɣa kurtisə skortea restem rista rēsta ɤefti kotenna kapitia kavettsa testa tet testa tēte tēftə testā teste tēastā dentem djente dente dēti dint dinte pit petiolus pitɣolo wentrem vātɣ bjentre bentrə vēt vintri vintre pantikem pintefje intera:nea ātraj entrəɣa itreɣə ētreɣə əntrəɣə spatula spate pektus petto pejtū pejtū pit pēt pjept fi:ka:tum fegato fō:t fiɣat fikāt ste:lla etwal estreja stella istrele iftrele əstel stō:l stēle stēa la:t petra pje:tra pjatrə terra tēɣ tjera terra tēɣ tēɣ tērə tēɣ tjere tene:braj tē:nebre tene:bra:s tenebɣ tinjeblas tē:nebre tēves tēveɣ tēnebrəs fu:ma:ta fumata fuma:ta fumate ventum bjento vento vētu vētu 'vint vint gɣatɣa strata estrada strada istrade iftrade montem monte mōti mōnt muntē monta:nea mōtəɣ montəɣa montəɣna mōtēɣə mōtēɣə muntəɣə mōtəɣ mōntəɣə noctem nōtte nojti nojti nit nyt nōt nōapte diurna:ta ɣornata sputere esputar sputare fti kōnetɣ kunqafte ko:gitare koɣitare kuzitaɣ kuzitar kuɣeta senti:re sātīɣ sentir sentire sētīr sēnti sēti sinti: time:re temer temere teməɣ timer temə temi teme tremere tremar tremare treməɣ trimer trima: tu:tari tɣe tuwe makta:re mate matar mataɣ mētar mēta utɣidere battuere batɣ batir battere bateɣ bēter batrə bate bati bate kaptia:re kattɣare kurtare kortar kōtəɣ kurtar ekskurta:re ekuɣte skortare skurta: skurta talia:re taje taxar taʎʎa:re taʎaɣ tēʎar tēʎa tēji: taja: taja fēt parti:re pərtīɣ partir partire pərtir pərti pə:rti parti: nata:re nware ambita:re ekstendere etādɣ ekstender estendere istēdeɣ iftēder əstendrə ekstinde sedenta:re sentar sētar sētar senta: sta:re etɣ estar stare iftar iftar əsta sta: sta torna:re tūne tornar tornare tōnəɣ turnar turna tu:rne torna: turna torkʷe:re tōɣdɣ torθer tōrfere turser turser tōrsə tōarɣe tōbe tumbat tōbəɣ tōbar tumba tume tene:re tənīɣ tener tenere tēɣ ter tēni tini tinji appekto:re apretar epirtar epirtar stringere etēdɣ estreɣir strindɣere əftrīɣir əftrīɣir əstreɣə stringe strēɣi: strindɣe frikta:re fɣote frotar frettare fɣote tergere tēɣere ekstergere estarsir əstərɣi fterɣe tira:re tīɣe tirar tirare tirar tira tire tira: trahere tēɣ trarre traze trezer trəwə traj tradɣe jaktare zote ɣettare zejtar zejtar xita ɣete apta:re atar etar etar komputa:re kōte kontar kontare kōtar kōtar kumta kōte konta: kanta:re fāte kantar kantare kētar kētar kənta fāte canta: kinta flu:ktua:re flyktɣe flugtwar fluttuare flutuəɣ flutuar fluktua fluctua fluita:re fluitare gɣatɣare intume:skere entumeθer itumeser itumeser kəwatɣ krefte ustula:re ustolare ustura to:tus tu todo tutto todū to:t tot tōt tot multus molto mūjtū mūjtū mult tantus tanto tētū tētū tant tanc alter otɣ otro altro owtru oltrə ot altri alt grant latus lato lato latu latu lat pittitus pēti pētit piti 'pittinus pitɣino pitulus kurtus korto korto kuɣtu kurtu kurt kurt angustus

Appendix 4 - Words containing each segment

angosto angusto ingust striktus et̥wa estrejfo stretto istrejtu iſtrejtu æstret st̥wø: st̥ret strimt minu:tus minuto mənut minu:t mərunt de:lika:tus delikato d̥alikat subti:lem sutil sottile su:ti suti:l calt fr̥et fr̥et rekentem reθjente reſente ret̥sint wetulus putridus putrido puðrit putred putrem dire:ktus dritto đirejtu direjtu d̥ret d̥ret drept rotundus r itondo tar̥ont r̥atund aku:tus əgut hebetem ebete retu:sus retuzo nitidus net netto net net neted korre:ktus korretto lw̥ētē lontano lunta lontan dekstrum djestro destro destru đestru destr̥a djestri sinistrum s̥ən̥est̥r̥ sinjestro sinestro seſtru seſtru sijestri v̥ert v̥ert tre:s t̥wa tres tre tres t̥ref tres tr̥ø: 'tre: trej kʷattwor kat̥r kwatro kwattro kwatru kwatru kwatr̥a kwat kwatri patru kwant f̥emu:t deintus et

U 0075

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nu vu bus tu tu tu tu tu tu tu tu uſted mulierem muxer mułex mułer mułe muir mujere epuz mari:tus maridu m̥ariðu sponsus epu ispozu iſpozu sokius awikellum ut̥fello useł ut̥fel pas̥eru pas̥eru peduklus pu piołu piołu pju p̥adukje arvuri arbul pa:lus fru:ktus fruto frutto frute frute frujt frut frukt gra:num fułā frunz̥a kurtis̥e fune funje ossum osu osu o:wum ovu ovu k̥ornu k̥ornu kua pluma pjuma plum̥e pilus pelu pilu kapillus kabelu k̥əbelu urełā ureke okulus ołu ołu na:sus bukka buf buk̥a gula gur̥a ungula up̥a ungja up̥e up̥e əngule ungje petiolus genikulum z̥ənu zuełu zw̥əlu đ̥enunk^l manum kollum ku k̥olu k̥olu dorsum spatula sinus seju seju pektus pejtu pejtu fi:ka:tum fig̥edu fiy̥edu solikulus luna luna l̥u l̥u l̥un̥a lune lun̥a pluwia jubja juv̥e juv̥e pluž̥a fjume flumi flumi flum ri:wus k̥iu lakum lagu layu saksum seifu seifu laude sabulum sajbru sajbru sabula pulwerem pud̥r pulbere pulwus nube nube nuv̥ej nuv̥ej nu:bilus nublo nuvola nuvol nebula negur̥a fumata fuma:ta fumas̥e fumas̥e fumate kajlum wentum v̥etu v̥etu fu:mus umo fumo fumu fumu fum fum fokum fogu foyu f̣enuf̣a kammi:num kaṃju keṃju mun munte muntar̥a diurnum zu̥k djurno diurna:ta zu̥kne annum enu enu nume kumer manduka:re mandukar mur̥der mus̥əga mus̥əgar mus̥əga murseka sugar sugar cuca: suđ̣e konspuere kusp̣is kusp̣ir eskup̣ir əskupi skujpa sputere esputar sputare spuda: suffla:re sufle sufle sufla udire ui uldi: kup̣iser kuṇeſa kuṇəſte kuzitar̥ kuzitaṛ kujda kuđ̣eta ulura durmir durmi durmi: mụx̣is mụx̣er muri muri: muri tuwe uṭfidere uksi uṭfide pugna:re puɲar puɲnar puɲa battuere pulsa:re puse puxar pulsare puſaṛ puſaṛ pulsa: pulsa kurta:re kurtaṛ ekskurta:re ekụte skurta: skurta pungere punḍere puɲi punḍe jugula:re kusar bula zbura lua tụkne turnar turna turna turser turser tumḅar tumba tume duar duna segurar siguṛa siyurar affugare əfugar əfuyar əfuga suwe suja: uska pulsa:re puse puxar pulsare puſaṛ puſaṛ pulsa: pulsa e:runka:re aruɲka ko:nsuere kuḍṛ kuṭfire kuzer kuzer kuzi kuzi komputa:re kumta numera:re numera numera: numara spune ludir xugar zuyar zuga đ̣uwe đ̣uja: zuka flu:ktua:re flugtwar fluttuare flutuaḳ flutuar fluktua fluctua fluita:re fluitare fluere fluir fluire flui kule kuar kuł̣a ekskurre eskurir iſkurer skurđ̣e kurrere kụx̣is kụx̣er kurđ̣e umfla intume:skere entumeθ̣er itumeser itumeser ustula:re ustolare ustura to:tus tu tutto toḍu tođ̣u dut multus mu mułfo ṃụjtu ṃụjtu mult tantus ṭetu ṭetu alguno alkuno əlgu paɲkus powku powku owtru owtru alius magnus longus lungo ḷogu ḷogu lunk lung largus ḷəgu ḷəgu la:tus latu latu amplus ɛ̣ju ɛ̣ju krassus grafu spissus ispesu iſpesu gurdus grossus grosu lurdus lụṛ pittitus 'pittinus pekenu pitsin pitulus piłful kurtus kụṛ kụrtu kurtu kurt angustus angusto ingust striktus istrejtu iſtrejtu minu:tus menudo minuto miudu miuđu mənut minu mərunt de:lika:tus dewgadu deł̣yadu subti:lem sutil suł̣iw suł̣iw subtil suti:l subtsire kalidus kawdu kaldu fri:gidus friu friu ple:nus seju seju nowus nuvo novu novu wetulus v̥ej̣lu v̥eł̣u bonus bun malus putridus putrido puðrit putred putrem sordidus s̥ordidu s̥ordidu spurcus ispụrku iſpụrku spurk dire:ktus đ̣irejtu direjtu rotundus r̥eḍodu r̥iḍodu r̥atund aku:tus aɲuđu eɲuđu əgut retu:sus retuzo sua:wem suaw nitidus neđ̣u neđ̣u u:midus umido umid umed u:dus ud sikkus seku seku korre:ktus proksimus prosimu prosimu pressus wi:ki:nus viziju viziju lunta dekstrum destṛu đ̣estru sinistrum seſtru seſtru russus rụ rụ rofu vermikuḷus v̥ẹṃeł̣u v̥ịṃej̣lu rubeus rụẓ rubjo rubeo rubeo ruđ̣e galbinus amarellus eṃarelu eṃeṛelu krokeus albus awvu alvu u:nus uno uno un uɲ unu duo:s duaj due duas dụes dụej kwatru kwatru patru ṣiku ṣiku ekkumhi:k kw̥edu kw̥edu komu komu kum nu deintus kum ku avu

V 0076

19

vu voi ṿojs vof vos vo: voj vose ṿose voste avi avi ṿẹṛ verme ṿẹṃi vermi ṿẹṛm ṿjer ṿjer ṿjerme ạṿori arvuri selva sewva seḷve seḷve ẹṿne ẹṿne ṿj̣aḍ vivanda viṿeda viṿede ṿwes ẉọvo ovu ovu f̣ə̣ṿø f̣iṿja cavej f̣ə̣ve kavettsa voli ṿaṭṛ ṿeṭ vintri vintre juv̥e juv̥e ḳiṿj̣ẹḳ ṛiṿi:̣ḳ so:ṿj̣o savaḷn polvere polvar nuv̥ej̣ nuv̥ej̣ nuvola nuvol neṿwe neṿwe treves treṿej̣ ṿa vento ṿetu ṿetu ṿe 'vint vint neve nevi nevi ṿwa via ṿie ṿie bevi voṃis ṿoṃere vo:mi ṿoame ṿwạḳ vedere ṿẹṛ ver ṿi:̣ṛ ṿjodi veḍẹa owṿis owṿir saṿwạḳ saṿø:̣ṛ save: ṿiṿis vivere ṿiṿẹḳ ṿiver ṿivi via dividere đ̣ịṿiḍiđ̣is diviđ̣ir dividi divide ṣə̣ṿke f̣ə̣ve kavare ḳeṿaḳ ḳeṿaṛ java: skavare iſḳeṿaḳ iſḳeṿaṛ ẓjava: naviga:re navigare naviỵaḳ neviỵaṛ naviga: naviga vole volare voaḳ ṿwaṛ ṿole ẓvolare ẓvola: ṿəṇis venire ṿis ṿir ṿini ṿiji: veni leva:re ḷəve levare leṿaḳ livar ḷəve leva: ṿịke virare virar ṿịke lave lavare leṿaṛ leṿaṛ lave lava: noverare greve gravi gravi graṿ grevi breve ḅrevi brevi nuvo ṇọvo novu novu noṿe ṿj̣o ṿekḳjo ṿej̣lu ṿeł̣u ṿeł̣ vi: ṿjei ṿeḳ soave ṿwaẓe ṿiſj̣no viziju viziju viẓe ṿiſj̣n ṿeſj̣n vermikuḷus ṿẹṃej̣ ṿẹṛde verde verdi ṿeṭ ṿẹṛ verde awvu alvu vi aveḳ avu

Appendix 4 - Words containing each segment

W	0077	8
ew ew jew wo:s pwasō awem aw awikellum wazo wermem silwa sēwva paw paw fwee skwas skwartse kwan wi:wenda sangwe weso vwe:s o:wum webo wōvo ɔw ow kwerno kwen kwar kōw pwal pēw zwēlu wentrem kwejo kwēl dwes ifpadwē ifpadwē kwōre awmē fwa sōw etwal aywa akkwa agwē agwē ajywā ɛ:w pluwia ri:wus ɛiw riw riw saw pulwerem pulwus nēvwē nēvwē newlā sēw sēw wentum niwem new fwego fwōko wia vwa lēngwa lingwa ligwē ligwē bwak bēwrā mwardi womere riwrā wide:re vwak bēwrā wi:k owvi:k owvir savwak kwidar dwa:kmi wi:were biwrā nwaje tuwe di:widere pwēdɛ rawrā fwi:k kawa:re ekskawa:re nwotare wola:re vwar weni:re zawrā swak fwak kawrā lawa:re suwe trēwrā zwe ɖuwe flugtwar flwi:k flwir kkwatɛ awgū powku powku owtru owtru aw grwēs grawis grew grew brewis etkwa dewgadu suɖiw suɖiw kawdu fɛwa fɛwē nowus nweβo nōw now wetulus bweno bwō:no maw maw dɛwa sua:wem suaw wi:ki:nus vwazē lwētē wiridem awvu dowā tɛwa k ^w attwor kwatro kwattro kwatru kwatru kwatrā kwat kwatri ɸiŋkwe kwi kwi kwa kwē: kwando kwando kwēdu kwēdu kwan kwand kwant		
X	0078	35
muxer paxaro pjoxo oxa orexa oxo inoxo xornada puxar taxar xirar puxar xita xugar bjexo proximo roxo bermexo		
Y	0079	23
ty ty fry plym lyn ɣy ny fyne nyt syse sysi: kōspyē zygylē gyra:re flyktɥ flye mǎny		
Z	007A	48
epuz spōza ispoza ifpoze əspōzə spōzo ispozu ifpozu wazo frunzā piez sizē sizē ɸinizē zi auzi ɛaze ɛazak ɛazar ɛaza zjava: zvolare zvola: zbura zeziz zezek zezet zɛɸɛa traze trēzet kuzer kuzer kuzi kō:z kuzi dizer dizer zifɛ zglɔŋfa: retuzo proizme vwazē viziju viziju		
ã	00E3	82
ɖǎp pās		
Ç	00E7	77
krɔ:ç		
Ǿ	00F0	49
mariðo mēriðu maðre paðre iyaðo fiyeðu pjeðra peðre peðrā iftraðe morðer murðer diviðir neðar toðu miuðu delyaðo deɸyaðu poðriðu puðrit poðre poðri ayuðu eyuðu niðio		
Õ	00F5	60
pwasō pehō frōse frōse ōgl ōg so:vjō mōɸi mōti mōtaɸ mōtēɸe mōtēɸe mōtaɸ nō ōr tōbe tōbak tōbar kōte kōtar kōtar kōte gōfle gōfle pō ōt lōgu lōgu lō ɸō bō bō bō bō ɛō ɛedōdu ɛidōdu rō ō kō kō		
Ø	00F8	79
kø ɸəvø løn fø pø vjø dø		
ĩ	0129	42
ifēɸi ifēti itreɸe sizē sizē kamɪɸu ligwē ligwē əɸtriɸir əɸtriɸir lipar lipar ifar ifar itumeser itumeser isendɸiar isēdɸar siku siku si si		
ŋ	014B	75
saɸgre saɸ saɸk ɔɸgule maɸ aɸ nɔɸ lēngwa maɸɸa: peɸsa: aɸɸka zglɔŋfa: ɸoɸ ɸɸgust uɸ ɸiŋkwe siɸk 'ɸiŋk		
œ	0153	31
foem døem foēj floek œf œj goel kœk		

Appendix 4 - Words containing each segment

ũ	0169	91
pũzix pũzir mũjtu mũjtu awgũ atgũ ũ ũ		
ø	0250	30
femeø femje done done ifpozø mæriðu bife bife paseru paseru sælve frute frute fołe fołe fröse fröse keif koxfise kurtise euvø erve grēmē grēmē kodzie kodie vivēde grafē grafē kauðe kauðe penø penø keβelu kabese keβese teste teſte orełe orejłe nerif boke boke upø upø pexne perne zwełu pēse pēse itrejne ētrejne ifpadwe ifpadwe awme alme figedu fiyeðu lue lue istrele iftrele agwe agwe juve juve pedre peðre areje ereje teke teke kelizēj nevwe nevwe treves treveſ fumase fumase sizē sizē vie vie istrade iftrade kemiju mōtēne mōtēne die die enu enu ligwe ligwe seber metar betar kesar telaar pertir siperar keer kezar wejkar kevar iſkevar iſkevar neðar neviyar kemijnax kemijnar zezex zezex keir keir epirtar epirtar levar levar trezer etar etar erder eyuðu emarelu emarelu dues dueſ eki ei e		
ɑ	0251	84
am fwa hare:na bwaʁ taje kaze gwa tɰwa		
ɔ	0254	9
zɔ nɔf vɔse dɔnna dɔnə dɔne spɔza əspɔzə spɔzo əspɔs sɔfɔ pidɔkkjɔ fɔłłɔ koxfisi kɔrtisi skɔrtsa əskɔrsə flɔ ɔs ɔsso ɔs ɔf wɔvɔ ɔw kɔxn kɔrno kɔrn kɔw kɔde plɔm ɔraj ɔkkjɔ bɔk bɔce gɔle ɔɲgule pitfɔlɔ ɟɟinɔkkjɔ ɟɟinɔ kɔlu kɔlu kɔł dɔsso dɔ kwɔre kɔx kɔr sɔw sɔł sɔł sɔlɔ sɔlej savalɔn pɔlvar pɔ pɔ fwɔko fɔk mɔnt mɔntajne nɔtte nɔt zɔxna zɔxna nɔm nɔɲ mɔrdere vɔmere kɔnetɰ kinɔh dɔxmiɰ mɔri ɔksiɰ vɔle tɔxdɰ tɔrfere tɔrsə dɔne kɔle kɔri tɔ pɔko pɔk grɔsso grɔs nɔvɔ nɔw nɔve bɔn bɔn sɔrdido sɔrdidu sɔrdidu spɔrko spɔrk tarɔnt prɔssimo əprɔp rɔs rɔbbjɔ rɔf grɔk kɔmɔ kɔm kɔmē		
ə	0259	4
zə dɔnə dɔamɔnə əspɔzə mɔrit əspɔs marə parə tatə nɔmajə pasərə pɔdukjə sərpen abrə sɔmɔs sɔmen sɔminfə fułə frunzə ərel rɔdɔfɟinə əskɔrsə skɔartsə erbə jarbə konnə ɟɔadə plɔmə pɛnə panə pər fəvø kəbeł fəve testə tɛgastə urełə bokə bukə golə gurə kambə gambə pɛrnə zənu zənoł minə alə bentrə papfə ɔntrajə əspałłə inimə fedɟə łunə lunə əstel ajɣwə apə pluzə peðrə pjatrə ərenə arinə sorə tərə tsarə newlə negurə tənebɔs fɟeɟfə geatsə sendrə fɟenufə biə fəmə kəmi muntajə diə limbə bewrə mənɟa musəga musəgar musəya əskupi rəspira riwrə bewrə səfə kunefə pənsa pəsa sənti flajra temə biwrə nəga mətə batrə kəsə səya təłə təja fendrə pərti səvø səpərə rawrə rəza rəska fəve kəba nəda nəbəga fəmine kəmina vənix bəni əstendrə zawrə zəfɟə əsta ləve łəba ləve əlsa tɔrsə kawrə kəɟə tənix təni ifprəməx ifprəmer əspremə sərar sərə əftrɟizir əftrɟizir əstrejə frəga frəsə łəba əstərzi əfuga trəwrə əmpɛnə zəte łənsa kənta əskorə korə zəle zəla gləsə kreſə krəma ənsendrə əlgu altrə amplə əspes pəti pətit əstret mənɣ mənɣt mərunt dəlɪkat rədo rətund əgɣt əprɔp bəi destrə sənəstɰ bərməł dowə kwatrə əłə ən kə kə kə		
ɛ	025B	32
femine efɔ pes pehɔ utfello utfjel sjəxpə vɛrm vjer vjer səwva səlve selve sementfə gʁen ərel resen ɛxb erba ɛrvə jɛp gʁamen resta keſfɟi peli pjel fɛx vwes gʁes kwen kɔde plume pen pɛnə pene pel kəbeł fəve tet testa testə teſte fɟes teste urełə bɔce dente ɔɲgule pɛ pɛ pɛw pɛrno pɛxne pɛrne pɛrnə pekɔl kwel spale petto pet əstel stele mɛx sel peðrə terra təxə tərə tjere nevwe nevwe tenebɰ treves treveſ sjel fɟelo səw səw sel vento nevi nevi zel ɟɟelo zɛł gles sendrə fɟinize munte 'lengə bewrə bewrə səfə kɔnetɰ kunefə flɛxə fɟesi: teji: fendere fendrə nɛɟɟi: mɛrɟgere estendere etɰ ɛs spremere sere əstrejə strengi: tɛrɟgere tɛxɛ trəwrə əmpɛnə ɟɛte intfendjare ispesu əspes spɛ grwɛs gʁijɛf greve grevi bɛf breve brevi brevi əstret stret dɛɟyadu fret frwɛ reſjente plɛ plɛn nɔve vekkjɔ dret dret ebete net nɛɟɟu nɛɟɟu net net sek sek seſ sek presso prɛ destro destru dɛftru sənəstɰ seftru seftru vɛxmɛj bərməł vɛrt vɛx vɛrt ɟɟen ɛmarelu ɛmɛrelu trɛs kɛ ɛ		
ʃ	025F	83
jambe manja: java: zjava:		
g	0261	1
ego: gra:num gʁen grano grano grɛw grɛw gra grin gran griw gra:men gʁamen grama grēmē grēmē gram sangre sangwe sɛgi sɛgi sɔ:g gʁes grasa grafə grafə gref gula gɔel gola gola golə gɔɟ gɔle gurə ungula ɔgl ungja ɔg ɔɲgule ungje gamba gamba gamba gambə genikulum fegato figedu agwə agwə age lago lago lagu ka:li:ginem negurə gelu: glas gjatfə glas gles glafə geatsə fwego fogu lɔg lengwa lingwa ligwə ligwə 'lengə musəga musəgar su:gere sugax sugar kogno:skere		

Appendix 4 - Words containing each segment

ko:gita:re fra:gra:re fragrare nāga anegar annegare pugna:re segar segare segaṣ pungere jugula:re zygyale jugula:re naviga:re nabegar navigare nābāga naviga:re naviga mergere gyra:re segurar siguraṣ stringere stringe strēgi: fregar fregare frāga iffrigar tergere ekstergere affugare ēfugar āfuga impingere liga:re legar legare lega xugar zogax zuga flugtwar gela:re glakia:re glase gjattfjare glāsa glafja: inglakia:re ingetsa gōfle gonfjare gōfle zgloṇfa: flagra:re flagæ flagrar flagrare flagṣaṣ flagrar alguno awgū aḡū algu magnus grandem gṛā grande grande grēdži grēdi gran gṛā grant longus longo lungo lōgu lōgu lung largus largo laḡgu largu larg gṛa graso grasso grafu gras gras gras gurdus gordo grossus gṛo grosso grosu grosu grōs grwēs gros grawis grāijef grabe greve gravi gravi grew grav gravi grew angustus angosto angusto ingust dewgadu fri:gidus aḡut galbinus galben grōk

Y 0263 85

iyāḏo fiyeḏu aywa ajoywā layu foyu musəya siyar səya naviyaṣ neviyar siyurar iffriyar ēfuyar liya zuyar laryo delyaḏo delyaḏu ayuḏo eyuḏu

U 0265 69

ḡuṗi plṗi nṗi kuṗide tṗe esṗije flyktṗe

i 0268 45

ifēti ifpozē ifpozu pejfi avi sirpēti vermi arvuri simēti sāmintfā kōrtisi kēfti peli karni sēgi sindze pilu dēti minā pintēfe iftrele flumi riw vint nevi mōti nojti nojti nomi biṣer minka biṣpirar ride kupiser timer trimer siyar sipērar naviyaṣ neviyar iftar iftar livar siguraṣ siyurar siṣar siṣar epirtar epirtar strindze iffrigar iffriyar impindze kinta zilar zilar ingetsa kriṣer intfindze grēdi gravi pikenu brevi ingust iftrejtu strimt poḏri iḏōdu virmejlū verdi verdi ki kind in ki

I 026A 11

ḡi na:ris isendḡiar

l 026B 68

selṗe sōl zeḡ aḡsa aḡsar kuḡa flama aḡū aḡ delyaḏu kaḡ plē

n 0272 39

dona niṗo alimaṗa peṗa peṗa upa upe upe paṗfā entraṗa itreṗe etreṗe entraṗa kamṗnu kemṗnu mōtaṗ montāṗa montāṗa mōtēṗe mōtēṗe muntāṗa mōtaṗ montāṗe nōt apo aṗ mēṗza maṗi: kopeseṣ kupiser koposi puṗar puṗṗare puṗa puṗi kemṗnaṣ kemṗnar viṗi: estreṗir aṣtreṗa əmpeṗa oṗṗi maṗo maṗṗo pekeṗo ju:f vizṗnu vizṗnu siṗestri

Ḳ 027B 92

kosaq

f 027E 29

embra fembra muxer muḡer mariḏo maridu mēriḏu marit maḏre marā paḏre paṗa paxaro pasēru pasēru pasēre serpjente sirpēti farpe berme vermi verm arḡol albero aṣvori arvuri abraṗ par fruto frute frute frujt grano grēw grēw gra frōse frōse frunzā kōrtisi kortēḡa kurtise skoartsā flor fjo:re flor floare jerba erve jarbā grama grēmē grēmē gram rista karne karni karne sangre grasa grafe grafe gref kwerno kornu pēr orexa oreḡe orejḡe ureḡā nariḡ naris nērif gurā pjerna pērne bjentre bentrā entraṗa itreṗe etreṗe entraṗa kor square estreja istrele iftrele mar mar pjeḏra pedre pēḏre peḏrā pjatrā arena areje eṗeje ərenā saṗbru saṗbru treves treveṣ tēnebrās ṡfer estrada istrade iftrade djurno zorn xornada nombre beber bere biṣer beṗrā komer kumer mandukar mandḡare mēzar mōḏer mūrḏer moskar morsikare sugar kulpir eskupir esputar sputare respirar respirare biṣpirar biṣpirar rēspira reir ri:dere xir riwrā ride ber vedere ver beṗrā oir udire owvir saber seber konoḡer kupiser kwidar kuzitar pensar pensare pēsar sentir sētir oler ulura fejrax fejrar flājra temer timer tremar tremē trimer dormir durmir bibir viver biṗrā morir muḡer muri anegar matar metar utfṡidere puṗar batir beṗer batrā kaḡar keṣar puxar puṗar segar siyar kortar kurtar taxar tēḡar dibidir diviḏir ender fēder fendrā partir pētir separar separax sipērar sēpāra pūḡir raer xēer rawrā rasar xēzar raskar xēḡkar kusar kabar kēvar eskabar iḡkēvar nadar nwotare neḏar nabegar neviyar bolar volare vwar zvolare zbura kaminar kamminare kemṗnar andar ēdar benir venire vir ekstender iftēder aṣtendrā jaḡer ḡaṡfe:re zezer zawrā ser ser sentar sētar sētar estar iftar iftar jebar livar alḡar aḡsar tornar turnar xirar ḡirare zirar zirar zira birar virare virar zirar bira torḡer kaer kadere kēir kēir tumbat tōbar dar dar donar duar

Appendix 4 - Words containing each segment

tener tenere ter segurar sigurak siyurar ekspremir əspremə serar sərar 0erar sɨar sɨar apretar ɛpirtar ɛpirtar estrepir ɛstreɲə fregar frəga iffrigar iffriyar frotar frasar frəsa laɲar levar levar estarsir ɛfugar ɛfuyar limpjar lipar lipar tɨar tɨra tɨar tira puxar pufar pufar traze trezer trəwɾə ɛɲar zejtar zejtat lan0ar ləsar arankar aruŋka legar atar ɛtar ɛtar koser kuzer kuzer kontar k0tar k0tar numera de0ir dizer dizer kantar k0tar k0tar ludir xugar zuyar flugtwar flutuar fluir flwir kolar kuar eskurir ifkurer skurɟe korer kuɁer kurɟe elar zilar zilar intɨar ifar ifar entume0er itumeser itumeser kre0er kresek kɾifser kɾeɟə kɾeɟte kemar keɟmare arder ɛrder arde flagrar flagrar en0ender isendɟiar isɛdɟar ɛnsendrə otro owtru owtru altrə grande grɛdɟi grɛdi mare larɟo largu ɭark graso graɟu gras gordo grosu grosu grəs grabe gravi gravi grew grew lerdo lerdo lerdo korto kurtu kurt brebe bɾevi bɾevi brew estreɟo istreɟtu iftreɟtu ɛstret frio friu friu fret po0ri0o pu0rit po0re podri po0ri sordido sɔrdidu sɔrdidu ispurku ifpurku ɟireɟtu direɟtu dret proximo prosimu prosimu proizme ɛɾɾɐp 0erka djestro destru deɟtru destrə sinjestro seɟtru seɟtru roɟu bermexo vɨmɛɟlu berde verdi verdi vert verde amarijo ɛmarelu ɛmɛrelu grak tres tres tɾef kwatro kwatu kwatu kwatrə

R 0280

54

mer vjer fry reſen kɾo:ɟ ɔraj vi:r 0r sav0:r m0ri p0:rti ma:rɨfi: tɨɛ:r s0rar sere ifkurer k0ri frwe

B 0281

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muɭek maɁi meɁ peɁ seɁɾɔ seɁɾɛɟi sɟeɁɾɛ vɛɁ vɛɁmi aɁbɁ aɁvori fɁɟi gɁɛn kais Ɂeɟ kadi kasin k0ɟɟisi k0ɟɟise ek0s floɁ floɁ fl0:Ɂ ɛɁb ɛɁvɛ gɁamen Ɂeɟɟi Ɂeɟti fɛɁ kaɁni gɁes k0Ɂn k0Ɂnu 0ɁɛɁ peɁvɛ v0tɁ 0tɁaj k0Ɂ k0Ɂ kɨ kɨw kɨu kɨvɛk rivi:Ɂ meɁ maɁ meɁ pɾeɁ pi:Ɂ pudɁ tek teɁ teɁv te:Ɂ teneɁb si:Ɂ s0dɁ zɨk z0ɲa z0ɲa zɨvɛ bwak beɁek b0:Ɂ mɛɟzak moɁdɁ moɁdek sugaɁ kuspɨk vomik Ɂespɨar Ɂɨpɨar kɨk kɨk kɨr kɨ:Ɂ vwaɁ vɛk wɨk owvɨk savwaɁ sabek k0netɁ k0nesek kuzitaɁ pɛsaɁ s0tik sɛɟɨk fleɁ seɟraɁ temek kvɛdɁ tremek d0Ɂmik d0Ɂmik dwaɁmi vivɁ viveɁ muɁik moɁek muɁer mataɁ 0ksik batɁ bateɁ kasak puɁak segaɁ k0vtaɁ ekuɁte taɭaɁ ɟividɟɨk f0dɁ fɛdek p0vɨk p0vɨk s0vɛ separaɁ pɾwɛdɁ pɨzɨk Ɂaek ɁeɁ Ɂ0ze Ɂazak Ɂɛzar Ɂaɭkak Ɂɛɭkar fwɨk kevaɁ ifkevaɁ nadaɁ naviɁak voaɁ kemɨɲak maɁɟe ɛdaɁ v0nik vɨk et0dɁ istɛdek zeziɁ zezeɁ swaɁ sek etɁ levaɁ tuɁvɛ toɲnaɁ zɨvɛ vɨvɛ vɨvɛ t0dɁ fwaɁ t0baɁ daɁ t0nik tek siguraɁ ɛɾwɛdɁ ifpɾameɁ seka seke sɨkar sɨkar etɁdɁ fɁeɛe fɁote fɁote tɨvɛ tɁek kudɁ n0bɛ diɁ di:Ɂ zogak flutuaɁ flwɨk koaɁ ifk0ek kuɁik k0ek kuɁer k0watɁ kresek kvame keɟmaɁe aɁdɁ aɁdek flagɁe flagɁak 0tɁ gɾ0 gɾ0 lakɟ lakɟu gɾ0 gɾ0 gɾɨɟef luk kuɁ kurtu ku:Ɂ b0ef b0ef etɁwa st0: fɨwa Ɂesɛɟi Ɂesɛɟi dɾwa b0 Ɂed0du kɨd0du pɾe s0nestɁ kɨ k0ɟv k0ɟu vɛɁmɛɁ vɛɁmɛlu kuɟ vɛk vɛk tɁwa katɁ

J 0283

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nɔɟ vof ifpoze ifpozu biɟa biɛ biɛ peɟɟe peɟɟi peɟɟi peɟ peɟte ɟɛ ɟarpe Ɂeɟ Ɂeɟɟi Ɂeɟti fɛɁ ɔɟ graɟe graɟe gɾeɟ ɟ0v0 ɟ0vɛ teɟte n0ɾɨɟ buɟ paɲɟa ifpadwɛ ifpadwɛ iftreɛe suvɛ suvɛ seɟɟu seɟɟu trevɛɟ tɨenuɟa iftra0vɛ ɟ0mɛ kɨpɨir Ɂɨpɨirar ɟti konoffere kunɛɟa kun0aɟte seɟraɁ seɟrar ɟase puɁak puɁar ɟindere Ɂaɭkak Ɂɛɭkar ɟ0ve ifkevaɁ ifkevar ɟ0mine maɁɟe iftɛder ɟedɛa iftar iftar fwaɁ ifpɾameɁ ifpɾamer 0tɾɨzɨr 0tɾɨzɨr iffrigar iffriyar ɟterɟe aɟɟugare ɛfugar ɛfuyar 0fuga puɁar puɁar ɟ0te ifk0ek ifkurer ifar ifar kreɟɟere kɾifser kɾeɟə kɾeɟte ɛɟu ɛɟu graɟu ifpesu iftreɟtu ɟo seɟu seɟu ifpurku deɟtru seɟtru seɟtru k0ɟv k0ɟu roɟu doɟɟ duɟɟ tɾef ɟi

U 028A

95

k0ɟv

Λ 028E

36

moɭɭe muɭek muɭer muɭe useɭ pioɭu pioɭu poɭ ɟ0ɭɭa foɭv foɭv fuɭ0 peɭ k0bɛɭ oreɭv oreɭv ureɭ0 oɭu oɭu zueɭu zueɭu z0noɭ k0ɭ 0ɾpaɭɭ0 ɭuna ɭak taɭɭa:re taɭaɁ teɭar t0ɭa ɭ0ba ɭ0ba ɭ0nsa ɭiɁa ɭ0ɲ ɭark ɭeno vɛɭlu vɛlu vɛɭ ɭunta vermiɭɭo vɛɁmɛlu vɨmɛɟlu b0rmɛɭ 0ɭa

3 0292

3

z0 z0 z0b z0nu zueɭu zueɭu z0noɭ pluɟ0 kalizɛɟ kelizɛɟ zel zeɭ zɨk z0ɲn z0ɲna z0ɲna zɨvɛ m0ɟe mɛɟzak mɛɟzar m0ɲza kuzitaɁ kuzitar pɨzɨk pɨzɨr zyɟyle naze zeziɁ zezeɁ zezer zawaɁ zɨvɛ zɨrar zɨrar zɨra zɨrar 0tɾɨzɨr 0tɾɨzɨr 0st0ɾzi z0te zeɟtar zeɟtar zve zogak zuyar zuga zuka z0le zɨlar zɨlar z0ɭa intɨindze lakɟ du:ze: vɨɟɛ kuɟ zon

j 029D

5

jo jerba kabejo kwejo estreja jubja jelo ja0er jebar amarijo aja

Appendix 4 - Words containing each segment

dz	02A3	71
frondza dzornade		
dʒ	02A4	10
dʒi kodʒiv sindʒe dʒāp dʒinokkjo dʒino dʒenoli dʒenunkʲ fedʒə pjoddʒa kalidʒine dʒelo dʒer dʒu: dʒorno dʒu: dʒornata mandʒare sudʒe kodʒitare kudʒeta dʒividʒiʁ pundʒere pundʒe nedʒi: mɛrdʒere mɛrdʒe dʒaʃe:re dʒere dʒirare dʒira: dʒira: strindʒere strindʒe tɛrdʒere ʃterdʒe tradʒe impindʒere impindʒe dʒettare dʒete dʒokare dʒuwe dʒuja: skurdʒe kurdʒe dʒelare dʒale ʔsendʒiar grɛdʒi dʒirejtu nedʒu nedʒu rudʒe dʒen		
ts	02A6	51
sots skɔrtsa skwartse skɔartsə tʂeastə pantse tsarə geatsə simtsi altsare tsine ingetsa putsin subtsire retsint		
tʃ	02A7	44
ifɛtʃi sɔʃo utʃello utʃel tʃɛ sɛxpɛtʃi semɛtʃi semɛntʃe sɛminʃə radi:tʃe rɛdɔʃinɔ kortitʃe kɔʃʃisi kortettʃa kɔʃʃisə ʁɛʃʃi tʃɔ: tʃivja tʃɛs naritʃe dɛtʃi pitʃɔlo piʃʃor pantʃa pintetʃe peʃo tʃɛatʃə tʃelo tʃi:l tʃer gʃattʃa glatʃe tʃenere tʃinize tʃenuʃə mɔʃʃi notʃe sɛʃʃiʁ maʃʃa: utʃidɛrɛ utʃidɛ katʃare tʃɛsi: caʃʃa: paʃʃiʁ tʃimine ma:ʁʃi: dʒaʃe:re zɔʃʃə alʃʃa: tɔʃʃɛrɛ tɔartʃe tʃɛ:ʁ tʃjade tʃira tʃʃar lanʃʃare lanʃʃa: arronʃʃare kuʃʃɛrɛ ziʃʃe tʃɔtɛ gʃattʃʃare glatʃʃa: inʃʃar inʃʃɛndʒare inʃʃindʒɛ muʃʃo anʃʃo pitʃʃino piʃʃul estretʃʃo suʃʃiw suʃʃiw tʃɔ rɛʃʃɛntɛ ʁɛsɛʃʃi ʁɛsɛʃʃi rɛʃʃe sɛʃʃ viʃʃino viʃʃin vɛʃʃin rɔʃʃ krotʃeo tʃiŋkwe 'tʃiŋk tʃiŋʃ tʃine tʃe tʃe tʃemu:t		
β	03B2	67
arβol kɛβɛlu kaβɛθa kɛβɛsɐ saʃβru saʃβru biβɛr sɔβɛ laβar nweβo		
θ	03B8	57
pɛθ raiθ kortɛθa kaβɛθa nariθ pɛθiolo panθa θjɛlo θɛniθa konoθɛr kaθar jaθɛr alθar torθɛr θɛrar lanθar dɛθir ɛntumɛθɛr kɛθɛr ɛnθɛndɛr rɛθjɛntɛ bɛθino θɛrka θinko		
ẽ	1EBD	64
tʃɛ sɛxpɛʃʃi siɾpɛti sʃɛxpɛ semɛʃʃi simɛti simɛs vivɛda vivɛdɛ dɛʃʃi dɛti dɛ mɛ mɛ ɛtrɛɲɛ sɛ vɛtu vɛtu vɛ pɛsar pɛsar sɛʃʃiʁ sɛtir kɛdɛʁ fɛdɛʁ ʔstɛdɛʁ ʔstɛdɛr sɛtar sɛtar ɛʃʃugar ɛʃʃuʃar ɛʃʃɛ ʔsɛdʒar ʁɛsɛʃʃi ʁɛsɛʃʃi plɛ viʒɛ sɛk sɛk nɛ		

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	sentire	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	ekœʁs	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	kœʁn	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-Genuculum	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
Heart	kœɤ	k-uuh-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	solej	s-euh-l-ehj
Moon	lyn	l-eeh-n
Star	etwal	ay-t-w-ah-l
Water	o	oh
Rain	plqi	p-l-eu-e
River-Rivus	ɤy	rr-eeh
River-Riparia	ɤivjɤɤ	rr-e-v-jg-ay-rr
Lake	lak	l-ah-k
Sea	mɤɤ	m-eh-rr
Salt	sel	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-eeh
Fog-Tenebras	tenebɤ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-eeh-m-ay
Sky	sjel	s-jg-eh-l
Wind	vā	v-NasalA
Ice	zel	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	mōtəɸ	m-on-t-ah-VdPalatalNasal
Night	nqi	n-eu-e
Day-Diurnus	zuɤ	gzah-u-rr
Day-Diurnata	zuɤne	gzah-u-rr-n-ay
Year	ā	NasalA
Name-Nomen	nō	n-oon
Tongue	lāg	l-NasalA-g

Appendix 5 - Word Lists by Language

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	kōnēꝛ	k-euh-n-eh-t-rr
ToThink	kꝛide	k-eu-e-d-ay
ToThink-Pensare	pāꝛe	p-NasalA-s-ay
ToSmell-Sentire	sātiꝛ	s-NasalA-t-e-rr
ToSmell-Fragrare	flēꝛe	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-Excurtare	ekuꝛte	ay-k-u-rr-t-ay
ToCut-Taliare	tꝛe	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	sōvꝛe	s-aah-v-rr-ay
ToStab	pwēdꝛ	p-w-ehnn-d-rr
ToStab-Iugulare	zygyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	ꝛaze	rr-a-zz-ay
ToDig	fwꝛ	f-w-e-rr
ToDig-Cavare	ꝛove	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	ēꝛ	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
ToGive-Donare	dōne	d-euh-n-ay

Appendix 5 - Word Lists by Language

ToHold	tənik	t-aah-n-e-rr
ToSqueeze	epkɛdɤ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	sɛkɛ	s-ay-rr-ay
ToSqueeze-Stringere	etkɛdɤ	ay-t-rr-ehnn-d-rr
ToRub	fɛɛje	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	zɛte	gzah-aah-t-ay
ToThrow-Lanceare	lase	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudɤ	k-u-d-rr
ToCount	kote	k-on-t-ay
ToCount-Numerare	nɔbɛ	n-oon-b-rr-ay
ToSay	diɤ	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	kuxɛ	k-u-rr-e-rr
ToFreeze	zɛle	gzah-aah-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell	afle	NasalA-f-l-ay
ToSwell-Conflare	gɔfle	g-on-f-l-ay
ToSwell-Crescere	kɛwatɤ	k-rr-w-ah-t-rr
ToBurn-Cremare	kɛame	k-rr-ah-m-ay
ToBurn-Flammare	flame	f-l-ah-m-ay
ToBurn-Ardere	akɛ	ah-rr-d-rr
ToBurn-Flagrare	flagɛ	f-l-ah-g-rr-ay
ToBurn-Incendere	ɛsadjɛ	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okɔ	oh-k-uuhn
Few	pø	p-uu
Other	otɤ	oh-t-rr
Big-Grandem	gɛã	g-rr-NasalA
Long-Longum	lɔ	l-oon
Long-Largum	laɤz	l-ah-rr-gzah
Wide	le	l-ay
Wide-Amplum	apl	NasalA-p-l
Thick	gɛa	g-rr-a
Thick-Spissum	epe	ay-p-ay
Thick-Grossus	gɛo	g-rr-oh
Heavy	gɛijɛf	g-rr-e-jg-eh-f
Heavy-Lurdus	luɤ	l-u-rr
Small	pəti	p-aah-t-e
Short	kux	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:zɛ:	d-U-gzah-ai
Warm	ʃo	shh-oh
Cold	fɛwa	f-rr-w-ah

Appendix 5 - Word Lists by Language

Full	plē	p-l-ehnn
New	nuvo	n-u-v-oh
Old	vjø	v-jg-uu
Good	bō	b-on
Bad	mal	m-ah-l
Straight	dɤwa	d-rr-w-ah
Round	ɤō	rr-on
Smooth-Nitidus	net	n-eh-t
Dry	sek	s-eh-k
Near-Pressus	pɤe	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	sənɛstɤ	s-aah-n-eh-s-t-rr
Red	ɤu	rr-u
Red-Vermiculus	vɤɤmej	v-eh-rr-m-ehj
Red-Rubeus	ɤuɤ	rr-u-gzah
Green	vɤɤ	v-ay-rr
Yellow	ɤon	gzah-oh-n
One	œ	uuhn
Two-Duos	dø	d-uu
Three	tɤwa	t-rr-w-a
Four	katɤ	k-ah-t-rr
Five	sēk	s-ehn-k
There	la	l-ah
Who-Qui	ki	k-e
What	kwa	k-w-ah
When-Quando	kā	k-NasalA
How-Quomodo	kōmā	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	dɔpa	d-oh-VdPalatalNasal-ah
Child	infante	e-n-f-ah-n-t-ay
Child-Ninnus	nipo	n-e-VdPalatalNasal-oh
Wife	esposa	ay-s-p-oh-s-ah
Husband	mariño	m-ah-er-e-dd-oh
Husband-Sponsus	esposo	ay-s-p-oh-s-oh
Mother	mañre	m-ah-dd-er-ay
Father	pañre	p-ah-dd-er-ay

Appendix 5 - Word Lists by Language

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	pepa	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
Breast	seno	s-ay-n-oh

Appendix 5 - Word Lists by Language

Breast-Pectus	peŋfo	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	lengwa	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
ToThink-Pensare	pensar	p-ay-n-s-ah-er

Appendix 5 - Word Lists by Language

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	jebat	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-Appetorare	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
ToWash	laβar	l-ah-bb-ah-er

Appendix 5 - Word Lists by Language

ToWipe-Extergere	estarsir	ay-s-t-ah-er-s-e-er
ToWipe-Limpidare	limpiar	l-e-m-p-jg-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	puxar	p-u-xha-ah-er
ToThrow	efjar	ay-ts-ah-er
ToThrow-Lanceare	lanθar	l-ah-n-th-ah-er
ToThrow-Eruncare	arankar	ah-r-ah-n-k-ah-er
ToTie	legar	l-ay-g-ah-er
ToTie-Aptare	atar	ah-t-ah-er
ToSew	koser	k-oh-s-ay-er
ToCount	kontar	k-oh-n-t-ah-er
ToSay	deθir	d-ay-th-e-er
ToSing-AncestralClass	kantar	k-ah-n-t-ah-er
ToPlay-Ludere	ludir	l-u-d-e-er
ToPlay-Jiocare	xugar	xha-u-g-ah-er
ToFloat	flugtwar	f-l-u-g-t-w-ah-er
ToFlow	fluir	f-l-u-e-er
ToFlow-Colare	kolar	k-oh-l-ah-er
ToFlow-Excurrere	eskurir	ay-s-k-u-r-e-er
ToFlow-Currere	korer	k-oh-r-ay-er
ToFreeze	elar	ay-l-ah-er
ToSwell	inθar	e-n-ts-ah-er
ToSwell-Intumescere	entumeθer	ay-n-t-u-m-ay-th-ay-er
ToSwell-Crescere	kreθer	k-er-ay-th-ay-er
ToBurn-Cremare	kemar	k-ay-m-ah-er
ToBurn-Ardere	arder	ah-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	enθender	ay-n-th-ay-n-d-ay-er
All-Totus	todo	t-oh-d-oh
Many	mutfo	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	anfjo	ah-n-ts-oh
Thick	graso	g-er-ah-s-oh
Thick-Spissum	espeso	ay-s-p-ay-s-oh
Thick-Gurдум	gordo	g-oh-er-d-oh
Heavy	grabe	g-er-ah-b-ay
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekeno	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	estrefjo	ay-s-t-er-ay-ts-oh
Thin	menudo	m-ay-n-u-d-oh
Thin-Delicatus	delyaðo	d-ay-l-juh-ah-dd-oh
Thin-Subtilis	sutil	s-u-t-e-l
Warm	kaldo	k-ah-l-d-oh
Cold	frio	f-er-e-oh
Cold-Recens	reθjente	r-ay-th-jg-ay-n-t-ay
Full	leno	yuh-ay-n-oh

Appendix 5 - Word Lists by Language

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
Husband	marito	m-ah-r-e-t-oh

Appendix 5 - Word Lists by Language

Husband-Sponsus	spɔzo	s-p-euh-zz-oh
Husband-Socius	sɔʃo	s-euh-ts-oh
Mother	ma:dre	m-A-d-r-ay
Father	pa:dre	p-A-d-r-ay
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃʃa	b-e-shh-shh-ah
Fish-Piskem	peʃʃe	p-ay-shh-shh-ay
Bird-Avicellum	utʃello	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog	kane	k-ah-n-ay
Louse	pidɔkkjo	p-e-d-euh-k-k-jg-oh
Snake	serpente	s-ay-r-p-ay-n-t-ay
Worm	verme	v-ay-r-m-ay
Tree	albero	ah-l-b-ay-cr-oh
Forest	selva	s-ay-l-v-ah
Stick	palo	p-ah-l-oh
Fruit	frutto	f-r-u-t-t-oh
Seed	seme	s-ay-m-ay
Seed-Sementis	semente	s-ay-m-ay-n-t-ay
Seed-Granum	grano	g-r-ah-n-oh
Leaf	fɔʌʌa	f-euh-yuh-yuh-ah
Leaf-Frondea	fronza	f-r-oh-n-VdPalatoAlveolarAffricate-ah
Root-Radix	radi:ʃe	r-ah-d-E-ts-ay
BarkOfATree	kortiʃe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortetʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Skortea	skɔrtsa	s-k-euh-r-VlAlveolarSibilantAffricate-ah
Flower	fjo:re	f-jg-O-er-ay
Grass	erba	eh-r-b-ah
Rope	fune	f-u-n-ay
Rope-Restis	resta	r-eh-s-t-ah
Skin	kotenna	k-oh-t-ay-n-n-ah
Skin-Pellis	pelle	p-ay-l-l-ay
Meat	karne	k-ah-r-n-ay
Meat-Vivenda	vivanda	v-e-v-ah-n-d-ah
Blood	sangwe	s-ah-n-g-w-ay
Bone	osso	euh-s-s-oh
FatNoun	adipe	ah-d-e-p-ay
Egg	wɔvo	w-euh-v-oh
Horn	kɔrno	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	tɛsta	t-eh-s-t-ah
Ear	orekkja	oh-r-ay-k-k-jg-ah
Eye	ɔkkjo	euh-k-k-jg-oh
Nose	na:so	n-A-s-oh
Nose-Nares	nariʃe	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
Leg-Perna	perno	p-eh-r-n-oh

Appendix 5 - Word Lists by Language

Leg-Petiolus	pitʃɔlo	p-e-t-ts-euh-l-oh
Knee-Geniculum	dʒinɔkkjo	VdPalatoAlveolarSibilant-e-n-euh-k-k-jg-oh
Hand	ma:no	m-A-n-oh
Wing	ala	ah-l-ah
Belly-Pantex	panʃa	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	kwore	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	lago	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	te:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	te: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	fwoko	f-w-euh-k-oh
Ash	ʃenere	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
ToDrink	bere	b-ay-er-ay

Appendix 5 - Word Lists by Language

ToEat-Manducare	mandzare	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	kodzitare	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	taʃʃa: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	pundzare	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	merdzere	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
ToStand-Altiare	altsare	ah-l-VlAlveolarSibilantAffricate-ah-r-ay

Appendix 5 - Word Lists by Language

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	tɔɾʃere	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	stringere	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-ay
ToPush	impindʒere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToThrow	dʒettare	VdPalatoAlveolarSibilant-ay-t-t-ah-r-ay
ToThrow-Lanceare	lanʃare	l-ah-n-ts-ah-r-ay
ToThrow-Eruncare	arronʃare	ah-r-r-oh-n-ts-ah-r-ay
ToTie	legare	l-ay-g-ah-r-ay
ToSew	kuffire	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	gʒatʃare	g-jg-ah-t-ts-jg-ah-r-ay
ToSwell	enfiare	ay-n-f-e-ah-r-ay
ToSwell-Conflare	gonʃare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreʃʃere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Cremare	kremare	k-r-ay-m-ah-r-ay
ToBurn-Flammare	fjammare	f-jg-ah-m-m-ah-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Flagrare	flagrare	f-l-ah-g-r-ah-r-ay
ToBurn-Incendere	inʃendʒare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-Ustulare	ustolare	u-s-t-oh-l-ah-r-ay
All	onʒi	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	mappo	m-ah-VdPalatalNasal-VdPalatalNasal-oh
Big-Grandem	grande	g-r-ah-n-d-ay

Appendix 5 - Word Lists by Language

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	sporcio	s-p-euh-r-k-oh
Straight	diritto	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	destro	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	krofto	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	finckwe	ts-e-nya-k-w-ay
Here	kwi	k-w-e
There	la	l-ah

Appendix 5 - Word Lists by Language

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	femɐ	f-ay-m-ay-ahh
Woman-Mulier	muʎɐ	m-u-yuh-ay-rr
Woman-Domina	donɐ	d-oh-n-ahh
Child	ĩfɛʝĩ	een-f-ahn-ts-e
Child-Ninnus	nenɛj	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	bɪfɐ	b-e-shh-ahh
Fish-Piskem	peʝʃĩ	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	sɛkɐʝĩ	s-ay-rr-p-ehn-ts-e
Worm	vɛɾmi	v-ay-rr-m-e
Tree	akvɔɾi	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	semɛʝĩ	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	kɔkʝisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔkʝisɐ	k-oh-rr-ts-e-s-ahh
Flower	flox	f-l-oh-rr
Grass	ɛkɐ	ay-rr-v-ahh
Grass-Gramen	grɛmɐ	g-er-ahn-m-ahh
Rope-Restis	ɾɛʝʃĩ	rr-eh-shh-ts-e

Appendix 5 - Word Lists by Language

Skin	kodʒiɐ	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peli	p-eh-l-e
Meat	kakni	k-ah-rr-n-e
Meat-Vivenda	vivēda	v-e-v-ehn-d-ah
Blood	səgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	grafɐ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	koʁnu	k-oh-rr-n-u
Tail	kaudɐ	k-au-d-ahh
Feather-Penna	penɐ	p-ay-n-ahh
Hair	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head	kabese	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	boke	b-oh-k-ahh
Tooth	dēʃi	d-ehn-ts-e
Fingernail	uɲɐ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛʁnɐ	p-eh-rr-n-ahh
Knee-Geniculum	zueʎu	gzah-u-ay-yuh-u
Hand	mɛw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛsɐ	p-ahn-s-ahh
Guts	itɛpɐ	een-t-er-ahn-VdPalatalNasal-ahh
Neck	kolu	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	kɔʁ	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	istrelɐ	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	ʁiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maʁ	m-ah-rr
Salt	saw	s-ah-w
Stone	sejfu	s-ayj-shh-u
Stone-Petra	pedrɐ	p-ay-d-er-ahh
Sand	arejɐ	ah-er-ayj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	tɛʁɐ	t-ay-rr-ahh
Cloud	nuvɛj	n-u-v-ehnj
Fog	kaliʒɛj	k-ah-l-e-gzah-ehnj
Fog-Nebula	nevɔɐ	n-eh-v-w-ahh
Fog-Tenebras	tɛvɛs	t-er-eh-v-ahh-s
Fog-Fumata	fumasɐ	f-u-m-ah-s-ahh
Sky	sew	s-eh-w

Appendix 5 - Word Lists by Language

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	vie	v-e-ahh
Road-Strata	istrade	e-s-t-er-ah-d-ahh
Road-Camminus	kamīnu	k-ah-m-een-VdPalatalNasal-u
Mountain	mōŋi	m-on-ts-e
Mountain-Montanea	mōtēne	m-on-t-ahn-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diē	d-e-ahh
Day-Diurna	zōna	gzah-euh-rr-n-ah
Year	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
Tongue	līgwe	l-een-g-w-ahh
ToDrink	bebeŋ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mēzak	m-ahn-gzah-ah-rr
ToBite	moŋdeŋ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musōga	m-u-s-aah-g-ah
ToSuck	sugaŋ	s-u-g-ah-rr
ToSpit	kuspiŋ	k-u-s-p-e-rr
ToBreathe	ŋespiŋar	rr-ay-s-p-e-er-ah-er
ToLaugh	ŋiŋ	rr-e-rr
ToSee	veŋ	v-ay-rr
ToHear	owviŋ	oh-w-v-e-rr
ToKnow-Sapere	sabeŋ	s-ah-b-ay-rr
ToKnow-Cognoscere	koŋeseŋ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuzitaŋ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pēsak	p-ehn-s-ah-rr
ToSmell-Sentire	sēŋiŋ	s-ehn-ts-e-rr
ToSmell-Fragrare	ŋejraŋ	shh-ayj-er-ah-rr
ToFear	temeŋ	t-ay-m-ay-rr
ToFear-Tremere	tremeŋ	t-er-ay-m-ay-rr
ToSleep	doŋmiŋ	d-oh-rr-m-e-rr
ToLive	viveŋ	v-e-v-ay-rr
ToDie	moŋeŋ	m-oh-rr-ay-rr
ToKill-Mactare	matak	m-ah-t-ah-rr
ToFight-Battuere	bateŋ	b-ah-t-ay-rr
ToHunt-Captiare	kasak	k-ah-s-ah-rr
ToHit	puŋak	p-u-shh-ah-rr
ToCut	segaŋ	s-ay-g-ah-rr
ToCut-Curtare	koŋtak	k-oh-rr-t-ah-rr
ToCut-Taliare	taŋak	t-ah-yuh-ah-rr
ToSplit	dziividziŋ	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fēdeŋ	f-ehn-d-ay-rr
ToSplit-Partire	paŋŋiŋ	p-ah-rr-ts-e-rr
ToSplit-Separare	separaŋ	s-ay-p-ah-er-ah-rr
ToStab	pūziŋ	p-ooo-gzah-e-rr
ToScratch	kaeŋ	rr-ah-ay-rr
ToScratch-Rasare	kazak	rr-ah-zz-ah-rr
ToScratch-Rasicare	kaŋkak	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaŋ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	kevaŋ	k-ahh-v-ah-rr
ToDig-Excavare	iŋkevaŋ	e-shh-k-ahh-v-ah-rr
ToSwim	nadaŋ	n-ah-d-ah-rr

Appendix 5 - Word Lists by Language

ToSwim-Navigare	naviʏaʁ	n-ah-v-eee-juh-ah-rr
ToFly	voaʁ	v-oh-ah-rr
ToWalk	kəmiʏaʁ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ẽdaʁ	ahn-d-ah-rr
ToCome	viʁ	v-e-rr
ToLieAsInABed	istẽdeʁ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ʒəzeʁ	gzah-ahh-zz-ay-rr
ToSit	seʁ	s-ay-rr
ToSit-Sedentare	sẽtar	s-ehn-t-ah-er
ToStand	ɨʃtar	eee-shh-t-ah-er
ToStand-Levare	levaʁ	l-ay-v-ah-rr
ToStand-Altiare	alsa	ah-ssha-s-ah
ToTurnIntransitive	toʁnaʁ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrate	ʒiraʁ	gzah-c-er-ah-er
ToTurnIntransitive-AncestralClass3	viʁaʁ	v-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	kəiʁ	k-ahh-e-er
ToFall-Tumbare	tõbaʁ	t-on-b-ah-rr
ToGive	daʁ	d-ah-rr
ToGive-Donare	doa	d-oh-ah
ToHold	teʁ	t-ay-rr
ToHold-Segurar	siɣuraʁ	s-eee-g-u-er-ah-rr
ToSqueeze	ɨʃprəmeʁ	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	seʁa	s-ay-rr-ah
ToSqueeze-Serare	siʁaʁ	s-eee-rr-ah-er
ToSqueeze-Appetorare	ɛpiʁtaʁ	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃtriʒiʁ	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	ɨʃfriɣaʁ	eee-shh-f-er-eee-g-ah-er
ToWash	lɛvaʁ	l-ahh-v-ah-er
ToWipe-Exsucare	ẽʃuɣaʁ	ehn-shh-u-g-ah-er
ToWipe-Limpidare	liʁaʁ	l-een-p-ah-er
ToPull	ʃiʁa	ts-e-er-ah
ToPull-Pulsare	puʃaʁ	p-u-shh-ah-er
ToPull-Trahere	traze	t-er-ah-zz-ay
ToThrow	ʒejtaʁ	gzah-ayj-t-ah-er
ToThrow-Lanceare	lɛsa	l-ahn-s-ah
ToTie-Aptare	ɛtaʁ	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kõtaʁ	k-on-t-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kẽtaʁ	k-ahn-t-ah-er
ToPlay-Jiocare	ʒogaʁ	gzah-oh-g-ah-rr
ToFloat	flutuʁ	f-l-u-t-u-ah-rr
ToFlow	flwiʁ	f-l-w-e-rr
ToFlow-Colare	koʁ	k-oh-ah-rr
ToFlow-Excurrere	ɨʃkoʁeʁ	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	koʁeʁ	k-oh-rr-ay-rr
ToFreeze	ʒilaʁ	gzah-eee-l-ah-er
ToSwell	ɨʃaʁ	een-shh-ah-er
ToSwell-Intumescere	itumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kreseʁ	k-er-ay-s-ay-rr
ToBurn-Cremare	kɛjmaʁe	k-ahhj-m-ah-er-ay
ToBurn-Ardere	aʁdeʁ	ah-rr-d-ay-rr
ToBurn-Flagrare	flagʁaʁ	f-l-ah-g-rr-ah-rr
ToBurn-Incendere	ĩsendʒiaʁ	een-s-ay-n-VdPalatoAlveolarSibilant-l-ah-er
All-Totus	todu	t-oh-d-u
Many	mũjtu	m-ooo-jn-t-u

Appendix 5 - Word Lists by Language

Many-Tantus	t̃etu	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	gr̃ɛdʒi	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lōgu	l-on-g-u
Long-Largum	laɣgu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ẽʃu	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	br̃evi	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	sut̃f̃iw	s-u-ts-e-w
Warm	kawdu	k-ah-w-d-u
Cold	friu	f-er-e-u
Cold-Recens	ɣes̃ɛf̃i	rr-ay-s-ehn-ts-e
Full	ʃɛju	shh-ahhj-u
New	novu	n-oh-v-u
Old	vɛj̃lu	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	ɣedōdu	rr-ay-d-on-d-u
Smooth-Nitidus	nɛdʒu	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	destru	d-eh-s-t-er-u
Left	seftru	s-eh-shh-t-er-u
Red	ɣoʃu	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	vɛɣmɛlu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɛmarɛlu	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	kɛj̃	k-ehnj
What	ki	k-e

Appendix 5 - Word Lists by Language

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	nɔʃ	n-euh-shh
YouPlural	voʃ	v-oh-shh
YouSingular	tu	t-u
YouSingular-VostramMercedem	vɔse	v-euh-s-ay
Woman	femjɐ	f-ay-m-jg-ahh
Woman-Mulier	muʎer	m-u-yuh-ay-er
Woman-Domina	done	d-oh-n-ahh
Child	ĩfeti	een-f-ahn-t-eee
Child-Ninnus	nenẽj	n-ay-n-ehnj
Wife	ifpozɐ	eee-shh-p-oh-zz-ahh
Husband	meriðu	m-ahh-er-e-dd-u
Husband-Sponsus	ifpozu	eee-shh-p-oh-zz-u
Mother	mẽj	m-ahnjn
Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃɐ	b-e-shh-ahh
Fish-Piskem	pɛjʃi	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	sirpɛti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	seʎve	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frutɐ	f-er-u-t-ahh
Seed-Sementis	simɛti	s-eee-m-ehn-t-eee
Seed-Granum	grẽw	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh
Leaf-Frondea	frõse	f-er-on-s-ahh
Root	ʁɛjʃ	rr-ahh-e-shh
BarkOfATree	kɔrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtise	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	ɛrvɐ	eh-er-v-ahh
Grass-Gramen	grɛmɐ	g-er-ahh-m-ahh
Rope-Restis	ʁɛʃti	rr-ay-shh-t-eee
Skin	kodie	k-oh-d-e-ahh
Skin-Pellis	peli	p-ay-l-eee
Meat	karni	k-ah-er-n-eee

Appendix 5 - Word Lists by Language

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	kaudē	k-au-d-ahh
Feather-Penna	penē	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	kəβelu	k-ahh-bb-ay-l-u
Head	kəβese	k-ahh-bb-ay-s-ahh
Head-Testa	tēftē	t-eh-shh-t-ahh
Ear	orējʌē	oh-er-ahhj-yuh-ahh
Eye	oʌu	oh-yuh-u
Nose-Nares	nērif	n-ahh-er-e-shh
Mouth	bokē	b-oh-k-ahh
Tooth	dēti	d-ehn-t-eee
Fingernail	uŋē	u-VdPalatalNasal-ahh
Foot	pē	p-eh
Leg-Perna	pērne	p-eh-er-n-ahh
Knee-Geniculum	ʒwəʌu	gzah-w-ahh-yuh-u
Hand	mēw̃	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pēsē	p-ahn-s-ahh
Guts	ētrejē	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	kōlu	k-euh-l-u
Back-Spatula	ifpadwē	e-shh-p-ah-d-w-ahh
Breast	sēju	s-ahhj-u
Breast-Pectus	pējtu	p-ahhj-t-u
Heart	kor	k-oh-er
Heart-Anima	almē	ah-l-m-ahh
Liver	fīyēðu	f-e-juh-ahh-dd-u
Sun	sōt	s-euh-ssha
Moon	luē	l-u-ahh
Star	iftrelē	eee-shh-t-er-ay-l-ahh
Water	agwē	ah-g-w-ahh
Rain	ʃuvē	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	riu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sējfu	s-ahhj-shh-u
Stone-Petra	pēdrē	p-eh-dd-er-ahh
Sand	erējē	ahh-er-ahhj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	pō	p-euh
Earth	tēkē	t-eh-rr-ahh
Cloud	nuvēj̃	n-u-v-ahnjn
Fog	kēlīʒēj̃	k-ahh-l-e-gzah-ahnjn
Fog-Nebula	nevvē	n-eh-v-w-ahh
Fog-Tenebras	trēvēʃ	t-er-eh-v-ahh-shh
Fog-Fumata	fumasē	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vētu	v-ehn-t-u
Snow	nevi	n-eh-v-eee
Smoke	fumu	f-u-m-u

Appendix 5 - Word Lists by Language

Fire-Focus	foɣu	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	mōtɐɲə	m-on-t-ahh-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diə	d-e-ahh
Day-Diurna	ʒɔɹna	gzah-euh-rr-n-ah
Year	ɐnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
Tongue	liŋwə	l-een-g-w-ahh
ToDrink	bɪʃer	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	musəgar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	kuʃpir	k-u-shh-p-e-er
ToBreathe	ʁɪʃpirar	rr-eee-shh-p-e-er-ah-er
ToLaugh	ʁir	rr-e-er
ToSee	ver	v-ay-er
ToHear	owvir	oh-w-v-e-er
ToKnow-Sapere	sɐber	s-ahh-b-ay-er
ToKnow-Cognoscere	kuniser	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	kuzitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	pɛsar	p-ehn-s-ah-er
ToSmell-Sentire	sɛtir	s-ehn-t-e-er
ToSmell-Fragrare	ʃɛjrar	shh-ahhj-er-ah-er
ToFear	timer	t-eee-m-ay-er
ToFear-Tremere	trimer	t-er-eee-m-ay-er
ToSleep	durmir	d-u-er-m-e-er
ToLive	viver	v-e-v-ay-er
ToDie	muker	m-u-rr-ay-er
ToKill-Mactare	metar	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	siyar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	tɛɬar	t-ahh-yuh-ah-er
ToSplit	diviðir	d-e-v-e-dd-e-er
ToSplit-Findere	fɛðer	f-ehn-d-ay-er
ToSplit-Partire	pɛrtir	p-ahh-er-t-e-er
ToSplit-Separare	sɪpɛrar	s-eee-p-ahh-er-ah-er
ToStab	pũzir	p-ooo-gzah-e-er
ToScratch	ʁɐr	rr-ahh-ay-er
ToScratch-Rasare	ʁɛzar	rr-ahh-zz-ah-er
ToScratch-Rasicare	ʁɛʃkar	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	nɛviyar	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er
ToWalk	kəmiɲar	k-ahh-m-e-VdPalatalNasal-ah-er

Appendix 5 - Word Lists by Language

ToWalk-Ambitare	ēdar	ahn-d-ah-er
ToCome	vir	v-e-er
ToLieAsInABed	iflēder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zøzer	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	zīrar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zīrar	gzah-e-er-ah-er
ToTurnIntransitive-Torque	turser	t-u-r-s-ay-r
ToFall	kēir	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	siḡurar	s-eee-juh-u-er-ah-er
ToSqueeze	ifprømer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sərar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sīrar	s-eee-rr-ah-er
ToSqueeze-Appetorare	əpīrtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əstrīzīr	aah-shh-t-r-eeen-gzah-e-r
ToRub-Exfricare	iffriyar	eee-shh-f-er-eee-juh-ah-er
ToWash	lēvar	l-ahh-v-ah-er
ToWipe-Exsucare	ēḡuḡar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	līpar	l-eeen-p-ah-er
ToPull	tīrar	t-e-er-ah-er
ToPull-Pulsare	puḡar	p-u-shh-ah-er
ToPull-Trahere	trøzer	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ayj-t-ah-er
ToThrow-Lanceare	lēsar	l-ahn-s-ah-er
ToTie-Aptare	ētar	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	zuḡar	gzah-u-juh-ah-er
ToFloat	flutuar	f-l-u-t-u-ah-er
ToFlow	flwir	f-l-w-e-er
ToFlow-Colare	kuar	k-u-ah-er
ToFlow-Excurrere	ifkurer	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kurer	k-u-rr-ay-er
ToFreeze	zīlar	gzah-eee-l-ah-er
ToSwell	īfar	een-shh-ah-er
ToSwell-Intumescere	ītumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriḡser	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmaḡe	k-ayj-m-ah-rr-ay
ToBurn-Ardere	ərder	ahh-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	īsēdjar	een-s-ehn-d-jg-ah-er
All-Totus	toḡu	t-oh-dd-u
Many	mūḡtu	m-ooo-jn-t-u
Many-Tantus	tētū	t-ahn-t-u
Some	aḡḡū	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u

Appendix 5 - Word Lists by Language

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	brevis	b-er-eh-v-eee
Narrow-Strictus	iftrējtū	eee-shh-t-er-ahhj-t-u
Thin	miuđu	m-e-u-dd-u
Thin-Delicatus	dełyađu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	sułfiw	s-u-ts-e-w
Warm	kaldū	k-ah-l-d-u
Cold	friu	f-er-e-u
Cold-Recens	kesēłfi	rr-ay-s-ehn-ts-e
Full	fejū	shh-ahhj-u
New	novu	n-oh-v-u
Old	vełū	v-ay-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w
Rotten-Putrem	pođri	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	dirējtū	d-e-er-ahhj-t-u
Round	kidōdu	rr-eee-d-on-d-u
SharpAsAKnife	eyuđu	ahh-juh-u-dd-u
Smooth-Nitidus	nedžu	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	dełtru	d-eh-shh-t-er-u
Left	sełtru	s-eh-shh-t-er-u
Red	kołfu	rr-oh-shh-u
Red-Vermiculus	virmejalu	v-eee-er-m-ahhj-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	emerełū	ahh-m-ahh-er-eh-l-u
White	alvu	ah-l-v-u
One	ũ	ooo
Two-Duos	dojł	d-oj_diphthong-shh
Two-Duas	dueł	d-u-ahh-shh
Three	treł	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	kēj	k-ahnjn
What	ki	k-eee
When-Quando	kwēdu	k-w-ahn-d-u

Appendix 5 - Word Lists by Language

How-Quomodo	komu	k-oh-m-u
Not	nēw	n-au_diphthong_nasal
Not-Nec	nēj	n-ahnjn
At	ɐ	ahh
In-In	ēj	ahnjn
With-Cum	kō	k-on
And-Et	i	e
And-Si	sī	s-eeen
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	muʎe	m-u-yuh-ay
Woman-Domina	dəɲə	d-euh-n-aah
Child-Ninnus	nen	n-ay-n
Wife	əspəzə	aah-s-p-euh-zz-aah
Husband	marit	m-ah-er-e-t
Husband-Sponsus	əspəs	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	vərm	v-eh-er-m
Tree	abrə	ah-b-er-aah
Forest	selba	s-ay-l-b-ah
Stick	pal	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	əskərsə	aah-s-k-euh-r-s-aah
Flower	flə	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	əs	euh-s
FatNoun-Crassia	grɛʃ	g-er-ay-shh
Egg	əw	euh-w
Horn	kərn	k-euh-r-n
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	pɛɲə	p-eh-VdPalatalNasal-aah

Appendix 5 - Word Lists by Language

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-l-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	pəŋʃə	p-ah-VdPalatalNasal-shh-aah
Guts	əŋtrəpə	aah-n-t-er-ah-VdPalatalNasal-aah
Neck	kɔʌ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaʌʌə	aah-s-p-ah-yuh-yuh-aah
Breast	si	s-e
Breast-Pectus	pit	p-e-t
Heart	kɔr	k-euh-r
Liver	fɛdʒə	f-ay-VdPalatoAlveolarSibilant-aah
Sun	sɔl	s-euh-l
Moon	ʌunə	yuh-u-n-aah
Star	əstɛl	aah-s-t-eh-l
Water	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	ərenə	aah-er-ay-n-aah
Sand-Sabulum	sorə	s-oh-r-aah
Dust-Pulwus	pɔls	p-oh-l-s
Earth	tɛrə	t-eh-r-aah
Cloud-Nubilus	nuvɔl	n-u-v-oh-l
Fog-Nebula	newlə	n-ay-w-l-aah
Fog-Tenebras	tənebrəs	t-aah-n-ay-b-er-aah-s
Sky	sɛl	s-eh-l
Wind	ben	b-ay-n
Snow	new	n-ay-w
Ice	ʒɛʃ	gzah-eh-ssha
Ice-Glacies	glas	g-l-ah-s
Smoke	fum	f-u-m
Fire-Focus	fɔk	f-euh-k
Ash	sɛndrə	s-eh-n-d-r-aah
Road	biə	b-e-aah
Road-Camminus	kəmi	k-aah-m-e
Mountain	mun	m-u-n
Mountain-Montanea	muntəpə	m-u-n-t-ah-VdPalatalNasal-aah
Night	nit	n-e-t
Day	diə	d-e-aah
Day-Diurnus	ʒɔrn	gzah-oh-er-n
Year	əp	ah-VdPalatalNasal

Appendix 5 - Word Lists by Language

Name-Nomen	nɔm	n-euh-m
ToDrink	bɛwrə	b-eh-w-er-aah
ToEat-Manducare	məɲʒa	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəya	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	səβe	s-aah-bb-eh
ToKnow-Cognoscere	kunɛʃə	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	səya	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
ToHold	təni	t-aah-n-e
ToSqueeze	əspremə	aah-s-p-er-ay-m-aah

Appendix 5 - Word Lists by Language

ToSqueeze-Serrere	səra	s-aah-r-ah
ToSqueeze-Stringere	əstrɛɲə	aah-s-t-er-ch-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	əʃuga	aah-shh-u-g-ah
ToPull	tira	t-e-er-ah
ToPull-Trahere	trɛwrə	t-er-ch-w-er-aah
ToPush	əmpɛɲə	aah-m-p-ch-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	ʎənsa	yuh-aah-n-s-ah
ToTie	ʎiya	yuh-e-juh-ah
ToSew	kuzi	k-u-zz-c
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	krɛʃə	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	altɾə	ah-l-t-er-aah
Big-Grandem	gran	g-r-ah-n
Long-Longum	ʎonɟ	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-ch-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	əstrɛt	aah-s-t-er-ch-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	kaɫ	k-ah-ssha
Cold	frɛt	f-er-eh-t
Full	pɫɛ	p-ssha-eh
New	nɔw	n-euh-w
Old	veʎ	v-ay-yuh

Appendix 5 - Word Lists by Language

Good	bɒn	b-euh-n
Bad	mal	m-ah-l
Rotten	puðrit	p-u-dd-er-e-t
Straight	dɹæt	d-er-eh-t
Round	rædo	r-aah-d-oh
SharpAsAKnife	ægut	aah-g-u-t
Smooth	suaw	s-u-ah-w
Smooth-Nitidus	nɛt	n-eh-t
Dry	sɛk	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	ros	r-oh-s
Red-Vermiculus	bərmɛʎ	b-aah-r-m-eh-yuh
Red-Rubeus	rudʒɛ	r-u-VdPalatoAlveolarSibilant-ay
Green	vɛrt	v-eh-er-t
Yellow-Croceus	grɒk	g-er-euh-k
White	alb	ah-l-b
One	un	u-n
Two-Duos	dos	d-oh-s
Three	tɹɛs	t-r-eh-s
Four	kwatrə	k-w-ah-t-er-aah
Five	siŋk	s-e-nya-k
Here	aki	ah-k-e
There	əʎa	aah-yuh-ah
Who-Qui	ki	k-e
What	kɛ	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	kɔm	k-euh-m
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	ən	aah-n
In-Deintus	dins	d-e-n-s
And-Et	i	e
And-Si	si	s-e
Because-Quod	kə	k-aah

Walloon

Cognate	IPA	Sounds
I	dʒɪ	VdPalatoAlveolarSibilant-I
We	no	n-oh
YouPlural	vos	v-oh-s
YouSingular	ty	t-eeh
Woman	fœm	f-uuh-m
Woman-Domina	dœm	d-uuh-m
Child	ɛfɑ̃	eh-f-NasalA
Mother	mɛr	m-ay-VIUvularTrill
Father	pɛ:r	p-Eh-r
Fish-Pescion	pehɔ̃	p-eh-h-on
Bird-Avicellum	u:hɛ:	U-h-Eh
Dog	ʃɛ	ts-ehn
Louse	pju	p-jg-u

Appendix 5 - Word Lists by Language

Snake	sʝɛkpɛ̃	s-jg-eh-rr-p-ehn
Worm	vʝɛr	v-jg-eh-VIUvularTrill
Tree	o:b	O-b
Fruit	fry	f-VIUvularTrill-eeh
Seed-Sementis	simɛ̃s	s-e-m-ehn-s
Seed-Granum	grin	g-r-e-n
Leaf	fɔj	f-mid_low_diphthong
Root-Radicina	rɛsɛn	VIUvularTrill-eh-s-eh-n
BarkOfATree-Skortea	skwas	s-k-w-ah-s
Flower	flø:ɤ	f-l-o-rr
Grass	jɛp	jg-eh-p
Skin-Pellis	pja	p-jg-ah
Meat	tʃɔ:	ts-LongOpenMidBackRounded
Blood	sɔ:g	s-OOO-g
Bone	ɔf	euh-shh
FatNoun-Crassia	krɔ:ɕ	k-VIUvularTrill-LongOpenMidBackRounded-sh
Egg	u:	U
Horn	kwɛn	k-w-eh-n
Tail	kɔw	k-euh-w
Feather	plɔm	p-l-euh-m
Feather-Penna	pen	p-ay-n
Hair-Capillus	tʃivja	ts-e-v-jg-ah
Head-Testa	tʃɛs	ts-eh-s
Ear	ɔraj	euh-VIUvularTrill-aj
Eye	u:j	U-jg
Nose	ne	n-ay
Mouth	bɔk	b-euh-k
Mouth-Gula	gɔ:j	g-o-jg
Tooth	dɛ̃	d-ehn
Fingernail	ɔg	on-g
Foot	pi:	p-E
Leg-Gamba	dʒãp	VdPalatoAlveolarSibilant-an-p
Knee-Genuculum	dʒino	VdPalatoAlveolarSibilant-e-n-euh
Hand	mɛ̃	m-ehn
Wing	el	ay-l
Belly	vɛ̃t	v-ehnn-t
Belly-Pantex	pãs	p-an-s
Back	dɔ	d-euh
Back-Spatula	spal	s-p-ah-l
Heart	ku:ɤ	k-U-rr
Heart-Anima	ɔ:m	LongOpenMidBackRounded-m
Liver	fɔ:t	f-o-t
Sun	sɔlɔ	s-euh-l-euh
Moon	lɔn	l-uu-n
Star	stø:l	s-t-o-l
Water	ɛ:w	Eh-w
Rain	plu:f	p-l-U-f
River-Riparia	rivi:ɤ	r-e-v-E-rr
Lake	lak	l-ah-k
Sea	meɤ	m-ay-rr
Salt	se	s-ay
Stone-Petra	pi:ɤ	p-E-rr
Sand-Sabulum	so:vjɔ̃	s-O-v-jg-on
Earth	tɛ:ɤ	t-Eh-rr
Sky	si:ɤ	s-E-rr
Wind	vɛ̃	v-ehn
Snow	ni:f	n-E-f

Appendix 5 - Word Lists by Language

Ice-Glacies	glɛs	g-l-eh-s
Fire-Focus	fø:	f-o
Ash	sɛ:d	s-LongNasalE-d
Mountain-Montanea	mōtap	m-on-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	dʒu:	VdPalatoAlveolarSibilant-U
Day-Diurnus	dʒu:	VdPalatoAlveolarSibilant-U
Year	ã	NasalA
Name-Nomen	nō	n-on
Tongue	lɛu	l-ehnun
ToDrink	bø:ʁ	b-o-rr
ToEat-Manducare	mapɪ:	m-ah-VdPalatalNasal-E
ToSuck	sysi:	s-eeh-s-E
ToVomit	vo:mi	v-O-m-e
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ʁi:ʁ	rr-E-rr
ToSee	vi:r	v-E-VIUvularTrill
ToHear	ōr	on-VIUvularTrill
ToKnow-Sapere	savø:r	s-ah-v-o-VIUvularTrill
ToKnow-Cognoscere	kinəh	k-e-n-euh-h
ToThink-Pensare	pɛse	p-ehnn-s-ay
ToSmell-Sentire	sɛti	s-ehnn-t-e
ToSleep	dwaʁmi	d-w-ah-rr-m-e
ToDie	mɔri	m-euh-VIUvularTrill-e
ToKill-Tutari	tuwe	t-u-w-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHunt-Captiare	ʃɛsi:	ts-eh-s-E
ToCut-Taliare	tɛji:	t-eh-jg-E
ToSplit-Findere	fɛt	f-ehnn-t
ToSplit-Partire	pɔ:rti	p-LongOpenMidBackRounded-VIUvularTrill-t-e
ToSwim-Navigare	nɛdʒi:	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vɔle	v-euh-l-ay
ToWalk	ʃimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:rʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-lacere	dʒere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	ɛs	eh-s
ToStand-Levare	lɔve	l-aah-v-ay
ToStand-Altiare	hɔ:si:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:rne	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	viʁe	v-e-rr-ay
ToFall	ʃɛ:r	ts-Eh-VIUvularTrill
ToFall-Tumbare	tume	t-u-m-ay
ToGive-Donare	dine	d-e-n-ay
ToHold	tini	t-e-n-e
ToSqueeze-Serare	sɛre	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-g-ay
ToRub	froj	f-r-oj_diphthong
ToRub-Frictare	fɔte	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

Appendix 5 - Word Lists by Language

ToCount	kōte	k-on-t-ay
ToSay	dī:ɾ	d-E-rr
ToSing-AncestralClass	ʃāte	ts-NasalA-t-ay
ToPlay-Jiocare	d̥uwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	kōle	k-euh-l-ay
ToFlow-Currere	kōri	k-euh-VIUvularTrill-e
ToFreeze	d̥zale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell	ēfle	ehn-f-l-ay
ToSwell-Conflare	gōfle	g-on-f-l-ay
All-Totus	tō	t-euh
Few	pō	p-on
Other	ōt	on-t
Big-Grandem	gᵛā	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:ɾ	k-U-rr
Short-Brevis	bᵛef	b-rr-ay-f
Narrow-Strictus	st̥ø:	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	nōve	n-euh-v-eh
Old	vi:	v-E
Good	bō	b-on
Bad	mō:	m-LongOpenMidBackRounded
Straight	dr̥ø:	d-r-o
Round	rō	r-on
Dry	seʃf	s-eh-ts
Near-Pressus	pre	p-r-eh
Near-Vicinus	viʒē	v-e-gzah-ehn
Red-Rubeus	rōʃf	r-euh-ts
Green	veɾ	v-eh-rr
Yellow	d̥zen	VdPalatoAlveolarSibilant-eh-n
One	ō	on
Two-Duos	d̥ø:	d-o
Three	tr̥ø:	t-r-o
Four	kwat	k-w-ah-t
Five	sēk	s-ehn-k
There	la	l-ah
Who-Qui	ki:	k-E
What	kwē:	k-w-Eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	kōmē	k-euh-m-ehnn
Not	nō	n-oon
Not-Nec	nē	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

Appendix 5 - Word Lists by Language

Friulian

Cognate	IPA	Sounds
I	jo	jg-oh
We	no:	n-O
YouPlural	vo:	v-O
YouSingular	tu	t-u
Woman	femine	f-eh-m-e-n-eh
Woman-Mulier	mui:r	m-u-E-r
Woman-Domina	dɔne	d-euh-n-ay
Husband	mari:t	m-ah-r-E-t
Husband-Sponsus	spo:s	s-p-O-s
Mother	mari	m-ah-r-e
Father	pari	p-ah-r-e
Animal	nema:l	n-ay-m-A-l
Animal-Bestia	bis	b-e-s
Fish-Piskem	pɛs	p-eh-s
Bird-Avicellum	ufjɛl	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	semenʃɛ	s-ay-m-eh-n-ts-eh
Seed-Granum	gran	g-r-ah-n
Leaf	fwee	f-w-ay-ay
BarkOfATree-Skorteia	skwartse	s-k-w-ah-r-VAlveolarSibilantAffricate-ay
Flower	flo:r	f-l-O-r
Grass	jarbe	jg-ah-r-b-ay
Skin-Pellis	pjɛl	p-jg-eh-l
Meat	ca:r	tya-A-r
Blood	saŋk	s-ah-nya-k
Bone	vwɛs	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
Head	ca:f	tya-A-f
Head-Testa	tɛste	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	bɔce	b-euh-tya-eh
Mouth-Gula	gɔle	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	pekɔl	p-eh-k-oh-l
Knee-Geniculum	dʒenoli	VdPalatoAlveolarSibilant-ay-n-oh-l-e

Appendix 5 - Word Lists by Language

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	kwel	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	savalon	s-ah-v-ah-l-euh-n
Dust	polvar	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	tʃi: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	tʃinize	ts-e-n-e-zz-eh
Mountain	mont	m-euh-n-t
Mountain-Montanea	montape	m-euh-n-t-ah-VdPalatalNasal-ay
Night	not	VdPalatalNasal-euh-t
Day	di	d-e
Day-Diurnata	dzornade	VdPalatoAlveolarAffricate-oh-r-n-ah-d-ay
Year	aŋ	ah-nya
Name-Nomen	noŋ	n-euh-nya
Tongue	'lenge	l-eh-n-g-eh
ToDrink	bevi	b-ay-v-e
ToEat-Manducare	manja:	m-ah-nya-VdPalatalStop-A
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	pejsa:	p-ay-nya-s-A
ToSmell-Sentire	sinti:	s-e-n-t-E
ToFear	temi	t-ay-m-e

Appendix 5 - Word Lists by Language

ToFear-Tremere	trima:	t-r-e-m-A
ToSleep	durmi:	d-u-r-m-E
ToLive	vivi	v-e-v-e
ToDie	muri:	m-u-r-E
ToKill-Mactare	maŋa:	m-ah-ts-A
ToFight-Battuere	bati	b-ah-t-e
ToHunt-Captiare	caŋa:	tya-ah-ts-A
ToHit	pulsa:	p-u-l-s-A
ToCut	sea:	s-ay-A
ToCut-Excurtare	skurta:	s-k-u-r-t-A
ToCut-Taliare	taja:	t-ah-jg-A
ToSplit	dividi	d-e-v-e-d-e
ToSplit-Partire	parti:	p-ah-r-t-E
ToSplit-Separare	separa:	s-ay-p-ah-r-A
ToScratch	rada:	r-ah-d-A
ToScratch-Rasare	rasa:	r-ah-s-A
ToDig-Cavare	java:	VdPalatalStop-ah-v-A
ToDig-Excavare	zjava:	zz-VdPalatalStop-ah-v-A
ToSwim	nada:	n-ah-d-A
ToSwim-Navigare	naviga:	n-ah-v-e-g-A
ToFly-Exvolare	zvola:	zz-v-oh-l-A
ToWalk	camina:	tya-ah-m-e-n-A
ToCome	vjni:	v-e-VdPalatalNasal-E
ToLieAsInABed-Iacere	jesi	jg-ay-s-e
ToSit-Sedentare	senta:	s-ay-n-t-A
ToStand	sta:	s-t-A
ToStand-Levare	leva:	l-ay-v-A
ToStand-Altiare	alŋa:	ah-l-ts-A
ToTurnIntransitive	torna:	t-oh-r-n-A
ToTurnIntransitive-Gyrare	dŋira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	dŋira:	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-eh-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
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	dŋuja:	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Excurrere	skori:	s-k-oh-r-E
ToFlow-Currere	kori	k-oh-r-e
ToFreeze-Glaciare	glatŋa:	g-l-ah-ts-A
ToSwell	enfla:	ay-n-f-l-A
ToSwell-Conflare	zglonŋa:	zz-g-l-oh-nya-f-A
ToBurn-Flammare	flama:	f-l-ah-m-A

Appendix 5 - Word Lists by Language

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	piʃful	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	fret	f-r-ai-t
Cold-Recens	retsint	r-ay-VAlveolarSibilantAffricate-e-n-t
Full	plen	p-l-eh-n
New	nu:f	VdPalatalNasal-U-f
Old	vjei	v-jg-ay-e
Good	bon	b-euh-n
Bad	ma:l	m-A-l
Dirty-Spurcus	spork	s-p-euh-r-k
Straight	dræt	d-r-eh-t
Round	taront	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	viʃin	v-e-ts-e-n
Far	lontan	l-oh-n-t-ah-n
Right-Dextrem	djestri	d-jg-ay-s-t-r-e
Left	sinestri	s-e-VdPalatalNasal-ay-s-t-r-e
Red	ros	r-euh-s
Green	vert	v-eh-r-t
One	uj	u-nya
Two-Duos	doj	d-oj_diphthong
Three	'tre:	t-r-ai
Four	kwatri	k-w-ah-t-r-e
Five	'ʃɪŋk	ts-e-nya-k
Here	aki	ah-k-e
Who-Qui	kwi	k-w-e
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
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Appendix 5 - Word Lists by Language

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-VIAlveolarSibilantAffricate
Father-Tata	tatə	t-ah-t-aah
Animal	nəmajə	n-aah-m-ah-jg-ay
Fish-Piskem	pejte	p-ay-shh-t-ay
Bird-Passerem	pasəre	p-ah-s-aah-er-ay
Dog	kijne	k-eej-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	griw	g-r-iw
Leaf	foaje	f-oaa-jg-ay
Leaf-Frondea	frunzə	f-er-u-n-zz-aah
Root-Radicina	rədɔʃinə	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Skorteā	skoartə	s-k-oaa-er-VIAlveolarSibilantAffricate-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	coɔdə	tya-oaa-d-aah
Feather-Penna	panə	p-ah-n-aah
Hair	pər	p-aah-er
Head	kap	k-ah-p
Head-Testa	tseastə	VIAlveolarSibilantAffricate-eaha-s-t-aah
Ear	ureke	u-r-ay-k-ay
Eye	oki	oh-kpalatal
Nose	nas	n-ah-s
Mouth	bukə	b-u-k-aah
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	piʃʃor	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	pintetfe	p-eee-n-t-ay-ts-ay
Back	do	d-oh
Back-Spatula	spate	s-p-ah-t-ay
Breast	san	s-ah-n

Appendix 5 - Word Lists by Language

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	ʃʃeafʃə	ts-eaha-ts-aah
Sky	ʃʃer	ts-ay-er
Wind	vint	v-eee-n-t
Snow	neə	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	ʃʃenuʃə	ts-ay-n-u-shh-aah
Mountain	munte	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	bea	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
ToKnow-Cognoscere	kunoafte	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	uʃide	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

Appendix 5 - Word Lists by Language

ToCut-Taliare	təja	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	zəʃeə	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	toarʃe	t-oaa-r-ts-ay
ToFall	kədeə	k-aah-d-eaha
ToGive	da	d-ah
ToHold	tsine	VlAlveolarSibilantAffricate-e-n-ay
ToSqueeze	skreme	s-k-r-ay-m-ay
ToSqueeze-Stringere	strindʒe	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub	freka	f-r-ay-k-ah
ToWash	la	l-ah
ToWipe-Extergere	ʃterdʒe	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	uska	u-s-k-ah
ToPull-Pulsare	pulsa	p-u-l-s-ah
ToPull-Trahere	tradʒe	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush	impindʒe	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToThrow-Eruncare	aruŋka	ah-er-u-nya-k-ah
ToTie	lega	l-ay-g-ah
ToSew	coase	tya-oaa-s-ay
ToCount-Numerare	numara	n-u-m-ah-r-ah
ToSay	ziʃe	zz-e-ts-ay
ToSay-Exponere	spune	s-p-u-n-ay
ToSing-AncestralClass	kinta	k-eee-n-t-ah
ToPlay-Jiocare	zuka	gzah-u-k-ah
ToFloat	fluctua	f-l-u-tya-t-u-ah
ToFlow-Excurrere	skurdʒe	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdʒe	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetsa	eee-n-g-ay-VlAlveolarSibilantAffricate-ah
ToSwell	umfla	u-m-f-l-ah
ToSwell-Crescere	kreʃte	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay
ToBurn-Incendere	inʃindʒe	eee-n-ts-e-n-d-gzah-ay
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-VlAlveolarSibilantAffricate-e-n
Narrow	ingust	eee-nya-g-u-s-t

Appendix 5 - Word Lists by Language

Narrow-Strictus	strimt	s-t-r-eee-m-t
Thin	mərunt	m-aah-r-u-n-t
Thin-Subtilis	subtsire	s-u-b-VIAveolarSibilantAffricate-e-r-ay
Warm	kald	k-ah-l-d
Cold-Recens	reʃe	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	rətund	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 • ã		
Open					ũ

Appendix 6 - Segment Groups

Long-Nasal-Vowel

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

Vowel-Diphthong

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

Nasal-Vowel-Diphthong

	Front	Near-Front	Central	Near-Back	Back
Close					
Near-close					
Close-mid					
Mid	ẽj • ẽu				
Open-mid		œ			
Near-open			ẽj		
Open			ẽw		

Vowel-Non-Sylabic

	Front	Near-Front	Central	Near-Back	Back
Close					

Appendix 6 - Segment Groups

Near-close					
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				ç ʝ	x ɣ	ʁ	h
Approximant							ɻ	j			
Tap/Flap					ɾ						
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	

Appendix 6 - Segment Groups

Ejective, Lateral, Fricative	
Tenuis, Click	
Nasal, Click	
Tenuis, Lateral, Click	
Implosive	
Lateral, Approximant	

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

Pulmonic Affricates

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

Shaded areas denote articulations judged to be impossible.

Ejective Affricates

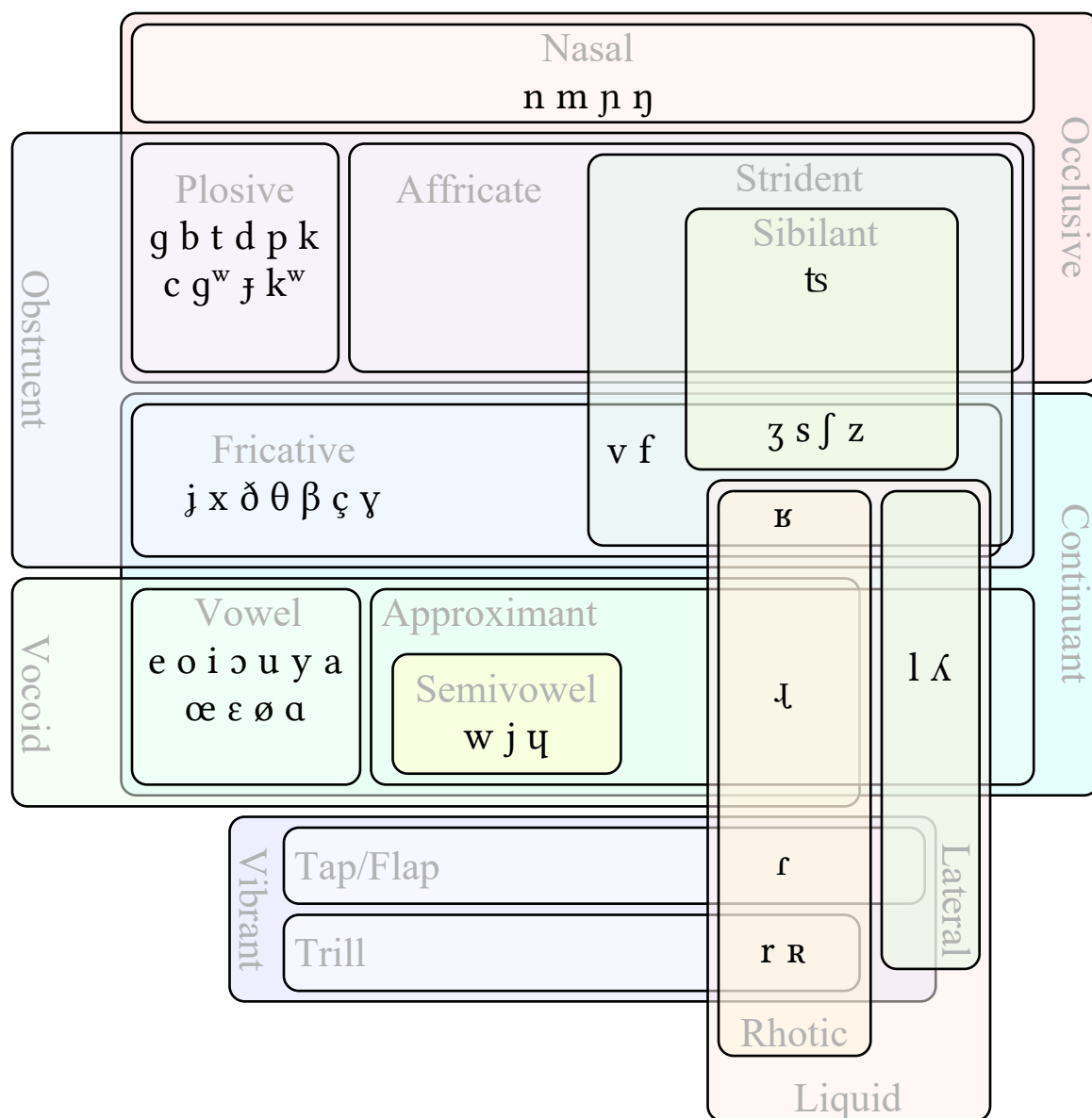
Manner
Central
Lateral

Shaded areas denote articulations judged to be impossible.

Other Segments

w	Labial-Velar Vocoid Semivowel Voiced Approximant	ɖʒ	Palato-Alveolar Voiced Sibilant Affricate
	Continuant Labial Velar		
ɭ	Alveolar Voiced Velarized Pulmonic Lateral Approximant	ɥ	Labial-Palatal Vocoid Semivowel Voiced Approximant
			Continuant Palatalized Labial
dz	Alveolar Voiced Sibilant Affricate	ɟ̃	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	ɛ̯a 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	ẽu̯ 1EBD, 0075, 032F Mid Front Nasal Vowel Diphthong	aj 0061, 006A Near-open Near-Front Vowel Diphthong
aː 0061, 02D0 Open Central Vocoid Long Vowel Continuant	ej 0065, 006A Mid Front Vowel Diphthong	eː 0065, 02D0 Mid Front Vocoid Long Vowel Continuant	iː 0069, 02D0 Close Front Vocoid Long Vowel Continuant
ǰ 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
oː 006F, 02D0 Mid Back Rounded Vocoid Long Vowel Continuant	uː 0075, 02D0 Close Back Rounded Long Vowel	õː 00F5, 02D0 Close-mid Back Rounded Long Nasal Vowel	øː 00F8, 02D0 Open Front Rounded Vocoid Long Vowel
œ̃ 0153, 0303 Open-mid Near-Front Rounded Nasal Vowel Diphthong	ɐj 0250, 006A Near-open Central Vowel Diphthong	ẽ̃ 0250, 0303 Near-open Central Rounded Nasal Vowel	ã̃ 0251, 0303 Near-close Back Nasal Vowel
ɔj 0254, 006A Open-mid Back Vowel Diphthong	ɔː 0254, 02D0 Open-mid Back Rounded Vocoid Long Vowel Continuant	õ̃ 0254, 0303 Open-mid Back Rounded Nasal Vowel	ɛj 025B, 006A Open-mid Near-Front Vowel Diphthong

Appendix 8 - International Phonetic Alphabet

ɛː	ẽ	ɡ ^w	ij
025B, 02D0 Open-mid Near-Front Vocoid Long Vowel Continuant	025B, 0303 Open-mid Near-Front Nasal Vowel	0261, 02B7 Labial-Velar Voiced Pulmonic Stop Occlusive Labial Velar	0268, 006A Close Central Vowel Diphthong
ɪw	ẽː	a	b
0268, 0077 Close Central Vowel Diphthong	1EBD, 02D0 Close Back Long Nasal Vowel	0061 Open Near-Front Vocoid Vowel Continuant Parent Vowel	0062 Bilabial Voiced Pulmonic Stop Occlusive
c	d	e	f
0063 Palatal Pulmonic Stop Occlusive	0064 Alveolar Voiced Pulmonic Stop Occlusive	0065 Close-mid Front Vocoid Vowel Continuant Parent Vowel	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant Labial Dental
h	i	j	k
0068 Glottal Pulmonic Fricative	0069 Close Front Vocoid Vowel Continuant Parent Vowel	006A Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant	006B Velar Pulmonic Stop Occlusive
l	m	n	o
006C Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	006D Bilabial Voiced Pulmonic Nasal Occlusive	006E Alveolar Voiced Pulmonic Nasal Occlusive	006F Close-mid Back Rounded Vocoid Vowel Continuant Parent Vowel
p	r	s	t
0070 Bilabial Pulmonic Stop Occlusive	0072 Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	0073 Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	0074 Alveolar Pulmonic Stop Occlusive
u	v	w	x
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	0078 Velar Pulmonic Fricative Obstruent Continuant

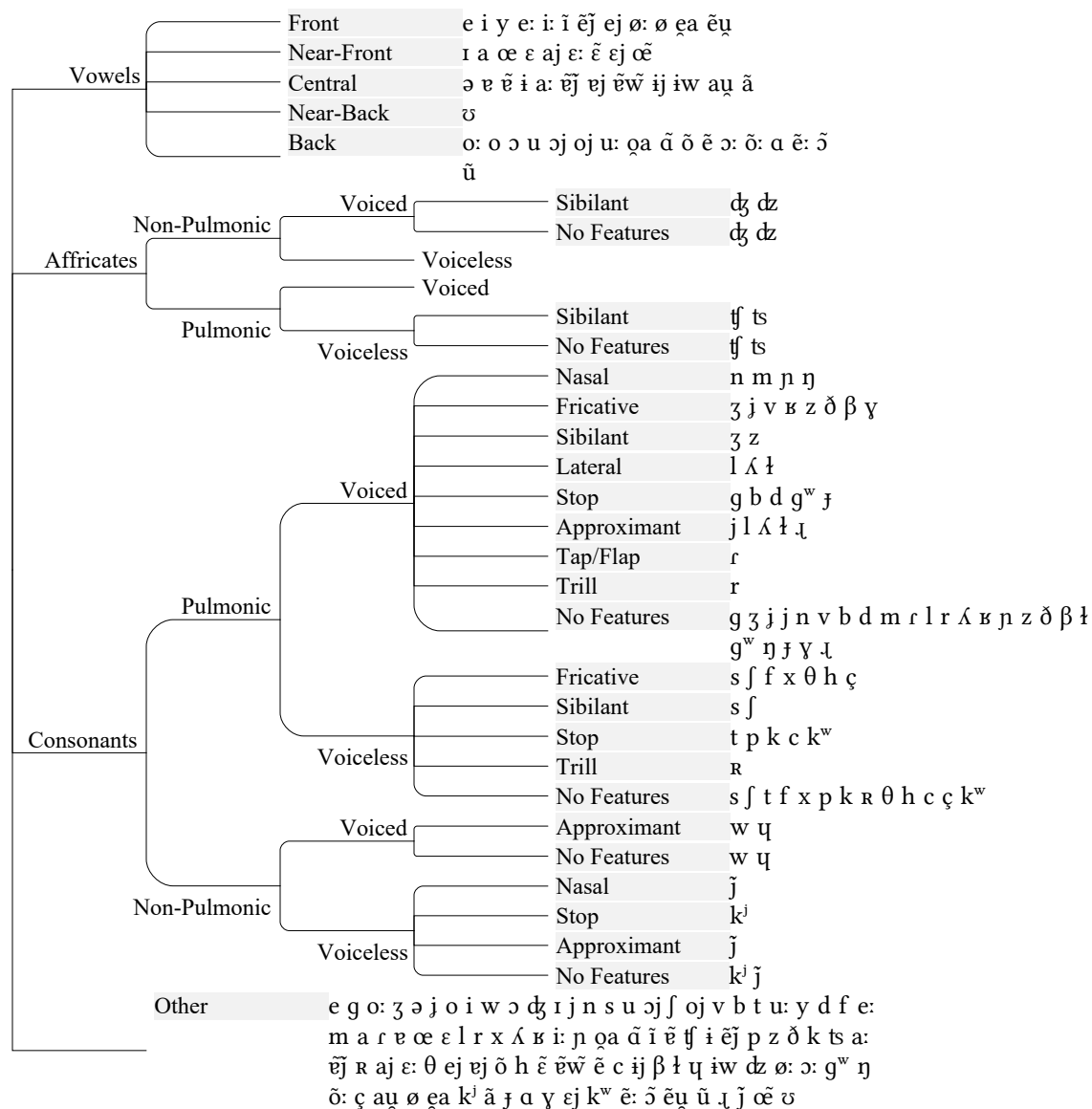
Appendix 8 - International Phonetic Alphabet

y	z	ã	ç
0079	007A	00E3	00E7
Close Front Rounded Vocoid Vowel Continuant Parent Vowel	Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	Near-open Central Nasal Vowel	Palatal Pulmonic Fricative Obstruent Continuant
ð	õ	ø	ĩ
00F0	00F5	00F8	0129
Dental Voiced Pulmonic Fricative Obstruent Continuant Dental	Close-mid Back Rounded Nasal Vowel	Close-mid Front Rounded Vocoid Vowel Continuant Parent Vowel	Close Front Nasal Vowel
ŋ	œ	ũ	ɐ
014B	0153	0169	0250
Velar Voiced Pulmonic Nasal Occlusive	Open-mid Near-Front Rounded Vocoid Vowel Continuant	Open Back Nasal Vowel	Near-open Central Rounded Vowel Parent Vowel
ɑ	ɔ	ə	ɛ
0251	0254	0259	025B
Open Back Vocoid Vowel Continuant Parent Vowel	Open-mid Back Rounded Vocoid Vowel Continuant Parent Vowel	Close-mid Central Vowel Parent Vowel	Open-mid Near-Front Vocoid Vowel Continuant Parent Vowel
ʃ	ɡ	ɣ	ɸ
025F	0261	0263	0265
Palatal Voiced Pulmonic Stop Occlusive	Velar Voiced Pulmonic Stop Occlusive	Velar Voiced Pulmonic Fricative Obstruent Continuant	Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant Palatalized Labial
ɨ	ɪ	ɭ	ɲ
0268	026A	026B	0272
Close Central Vowel Parent Vowel	Near-close Near-Front Vowel Parent Vowel	Alveolar Voiced Velarized Pulmonic Lateral Approximant	Palatal Voiced Pulmonic Nasal Occlusive
ɻ	ɹ	ʀ	ʁ
027B	027E	0280	0281
Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid	Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	Uvular Pulmonic Trill Rhotic Vibrant Liquid	Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid

Appendix 8 - International Phonetic Alphabet

ɧ	ʊ	ʎ	ʒ
0283	028A	028E	0292
Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	Near-close Near-Back Rounded Vowel	Palatal Vowoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant
ɟ	ɗ	ɗ͡ʒ	ʈʂ
029D	02A3	02A4	02A6
Palatal Voiced Pulmonic Fricative Obstruent Continuant	Alveolar Voiced Sibilant Affricate	Palato-Alveolar Voiced Sibilant Affricate	Alveolar Pulmonic Sibilant Affricate Occlusive Strident
ʈʂ	β	θ	ẽ
02A7	03B2	03B8	1EBD
Palato-Alveolar Pulmonic Sibilant Affricate	Bilabial Voiced Pulmonic Fricative Obstruent Continuant	Dental Pulmonic Fricative Obstruent Continuant Dental	Close Back Nasal Vowel

Appendix 9 - Feature Tree



Diacritics

145

Appendix 11 - Languages

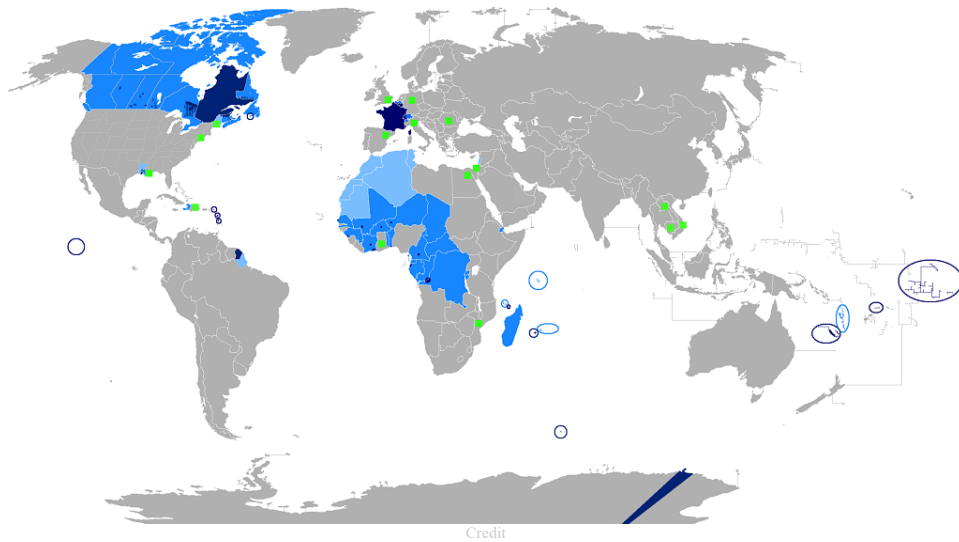
Latin



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

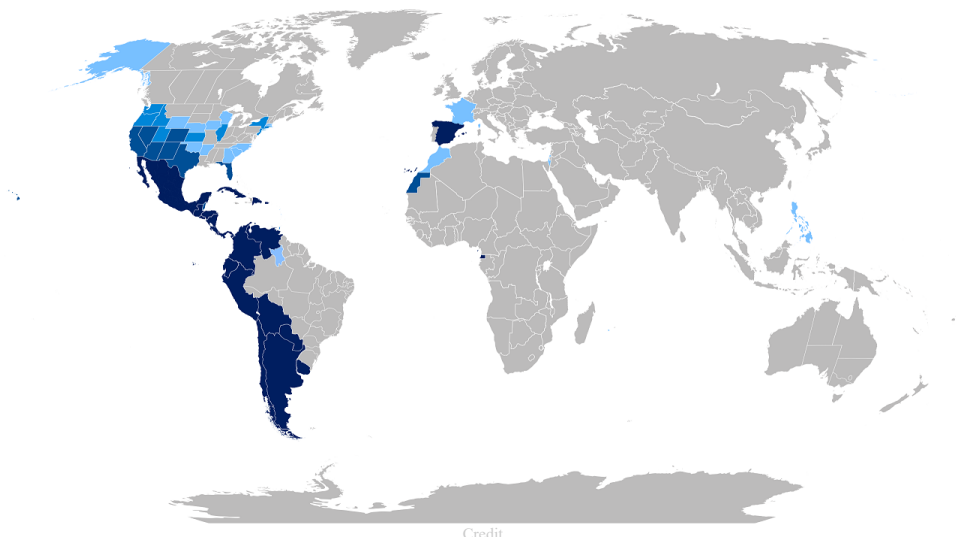


A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically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

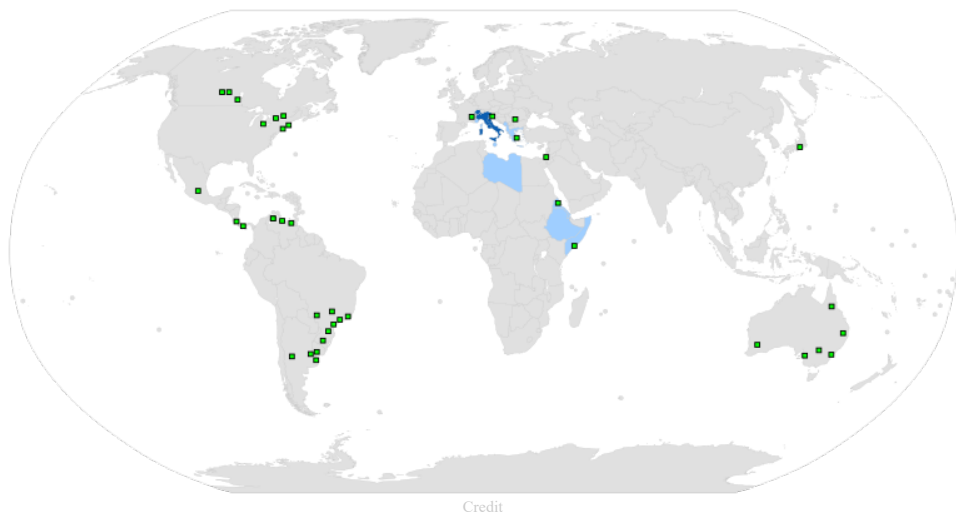
French is an official language in 29 countries across multiple continents, most of which are members of the Organisation internationale de la Francophonie (OIF), the community of 84 countries which share the official use or teaching of French. French is also one of six official languages used in the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

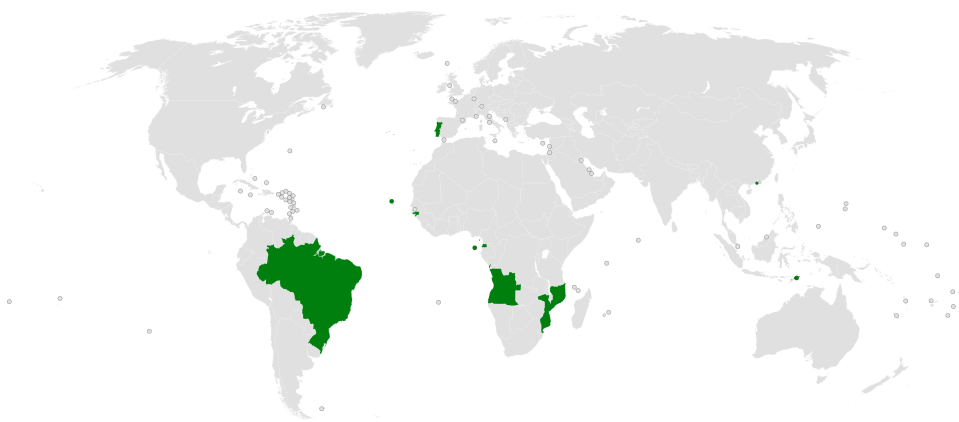
Brazilian Portuguese



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



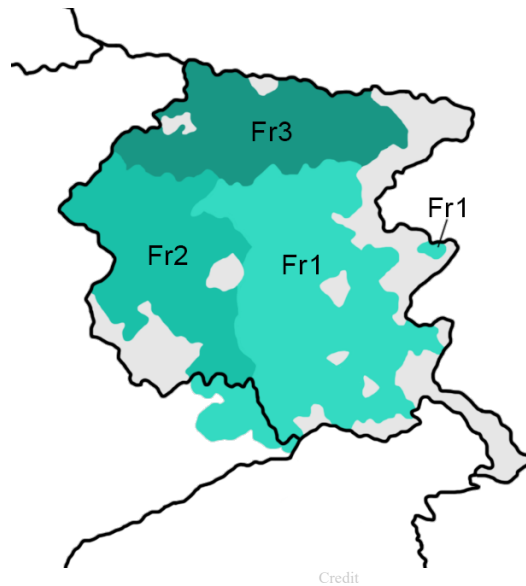
Credit

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".