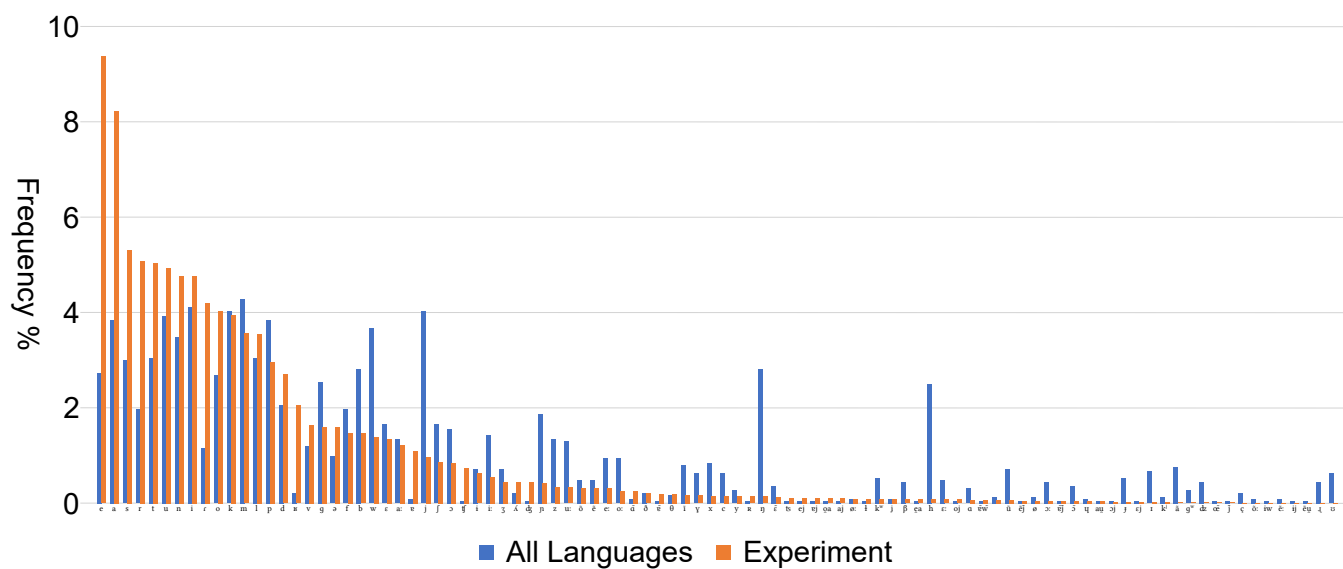


Appendix 1 - Prior Segment Frequencies



Appendix 2 - Prior Frequencies

[illegible]

Appendix 2 - Prior Frequencies

e→o:

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

e→ɔ:

Fat.Noun.Crassia	Good.Primary
g r e ʃ - k ʁ ɔ: ʒ -	b w e n o - b w ɔ: n o -

e→ë:

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

e→ẽu

Tongue.Primary
l e ŋ g w a l ẽu - - -

e→ɔa

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

e→oj

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

e→ɪ

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

e→n

ToWalk.Primary	ToWalk.Primary
ʃ ə m i n e - - - k a m m i n a r e	ʃ i m i n e - - - k a m m i n a r e

e→f

ToKnow.Cognoscere
k o - n o θ e r - - k o - n o ʃ ʃ e r e

e→ʃ

Appendix 2 - Prior Frequencies

BarkOfATree.Corticea									
k	o	r	t	i	k	e	a		
k	o	r	t	e	t	ʃ	a		

e→ʒ

ToStab.Primary					ToStab.Primary				
p	u	n	ɕ	e	-	-	-		
p	-	ũ	-	ʒ	i	ʁ	-		

e→ɕ

ToStab.Primary							
p	u	n	dʒ	e	-	-	-
p	-	u	n	dʒ	e	r	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

e:→a:

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

e:→u

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

e:→u:

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

e:→ɛ:

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

e:→ẽ

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	ẽ	-	s	a	ʁ	-	p	ẽ	-	s	a	r	-	p	l	ẽ	-	-	-

e:→ã

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

Appendix 2 - Prior Frequencies

e:→ē

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

e:→ēj

Cloud.Primary
n u: b e: s
n u v ēj -

e:→ēj

Cloud.Primary
n u: b e: s
n u v ēj -

e:→ē

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

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 ē r a r - -	k r - i f s e r -

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
- ē r ej - ē	f - ej - u -	f - ej - u -	d i r - ej - t u -

e:→ej

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

e:→a

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

e:→œ

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

e:→r

Appendix 2 - Prior Frequencies

ToLieAsInABed.Iacere	ToLieAsInABed.Iacere
j a - k e: r e	ɕ a - ʈ e: r e
ɕ e - - r e -	ɕ e - - r e -

i→a:

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

i→u:

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

i→ɔ:

Heart.Anima
i n i m ə
ɔ: - - m -

i→ɛ:

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

i→ø

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

i→õ

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

i→ẽwĩ

Seed.Granum	Seed.Granum
g r i n - -	g r i n - -
g r ẽ - - -	g r ẽ - - -
ĩ	wĩ

i→ě:

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

i→ẽʉ

Appendix 2 - Prior Frequencies

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 - - -

i→oɑ

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

i→aj

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

i→ɔj

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

i→ɪ

Nose.Nares	Nose.Nares	Nose.Nares	Nose.Nares
n a r i θ -	n a r i ʈ e	n a r i s -	n ɐ r i ʃ -
n a: r ɪ s -	n a: r ɪ s -	n a: r ɪ s -	n a: r ɪ s -

i→ɛj

Sun.Soliculus	ToRub.Primary	Red.Vermiculus	Red.Vermiculus
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 Λ - Λ o -
s ɔ l ɛj - - -	f ʁ ɛj e - - -	v ɛ ʁ m ɛj - - -	v ɛ ʁ m ɛj - - -

i→iw

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

i→ɲ

ToWalk.Primary	ToWalk.Primary
k a m m i n a r e	k a m m i n a r e
k ɐ m i ɲ a ʁ -	k ɐ m i ɲ a r - -

i→r

ToKnow.Cognoscere
k o - ɲ o s - i - -
k o - n o θ e r - -

i→d

ToSqueeze.Stringere
ə ʃ t r ĩ ʒ i r - -
e - t ʁ ẽ - d - ʁ -

Appendix 2 - Prior Frequencies

i→ɤ

ToDrink.Primary	ToKnow.Cognoscere	ToFight.Battuere	ToFlow.Excurrere
b - e v i - - b ø: - - ɤ - -	k o - ɲ o s - i - - k ɔ - n ε - t ɤ - -	b a - t - i r - - b a t - - ɤ - -	e - s k u r i r - - i - f k o - ɤ e ɤ -

i→g

ToSqueeze.Stringere	ToSqueeze.Stringere	ToSqueeze.Stringere
ə f t r i ʒ i r - - - s t r i n g e r e	ə f t r i ʒ i r - - - s t r i n g e - -	ə f t r i ʒ i r - - - s t r ε n g i: - -

i→f

ToStand.Altiare
- a l t i a: r e - a l t f - a: -

i→ʒ

I.Primary	I.Primary	ToSqueeze.Stringere
i - - o ʒ ə - -	i - - o ʒ - - ɔ	ə f t r i ʒ i r - - ə f t r i - ʒ i r -

i→dʒ

I.Primary	ToSqueeze.Stringere	ToSqueeze.Stringere	ToFlow.Excurrere
i - - o dʒ ɪ - -	ə f t r i ʒ i r - - - s t r i n dʒ e r e	ə f t r i ʒ i r - - - s t r i n dʒ e - -	e - s k u r i r - - - - s k u r dʒ e - -

i→j

I.Primary
i - - o j - - o

i:→e:

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

i:→o

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

i:→ε:

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

i:→ø:

Appendix 2 - Prior Frequencies

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

i:→ē

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	ẽ	-	-	s	ẽ	-	k	-	-	s	ẽ	-	k	-	-

i:→ē

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

i:→y

River.Rivus				
r	i:	w	u	s
ʁ	y	-	-	-

i:→aj

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

i:→ea

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

i:→a

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

i:→r

ToStand.Altiare							ToSqueeze.Stringere											
h	ɔ:	-	s	-	i:	-	-	-	s	t	r	ɛ	n	g	i:	-	-	
-	a	l	t	s	a	r	e	-	ə	ʃ	t	r	ĩ	ʒ	i	r	-	-

i:→r

ToFlow.Excurrere									
-	-	s	k	o	-	r	i:	-	-
e	-	s	k	u	r	i	r	-	-

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	-	-

Appendix 2 - Prior Frequencies

i:→f

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

i:→ʌ

Wife.Mulier
m u - i: r - -
m o ʌ ʌ e - -

i:→y

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

i:→x

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

i:→R

ToHear.Primary	ToHear.Primary
aʊ - d i: r e	u l d i: - -
õ - - R - -	õ - - R - -

a→u:

Day.Primary
d i a -
dʒ - u: -

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: R -	- s t ʁ - ø: - - - -	d - r - ø: - - - -

a→y

Fog.Nebula	Fog.Nebula	Fog.Nebula
n - e - b u l a	n j e - b - l a	n - e b b - j a
n j ɔ - - - l y	n j ɔ - - - l y	n j ɔ - - - l y

a→qa

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

a→œ

Appendix 2 - Prior Frequencies

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

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	i	w	-	-	g	r	i	w	-	-	g	r	i	w	-	-	g	r	i	w	-	-	-

a→m

Belly.Pantex						
p	a	n	θ	-	-	a
p	a	n	t	i	k	e m

a→r

ToStand.Altiare						ToStand.Altiare						ToStand.Altiare						ToStand.Altiare							
-	a	l	θ	-	a	r	-	-	a	l	s	-	a	r	-	-	ə	l	s	-	a	-	-		
-	a	l	t	s	a	r	e	-	-	a	l	t	s	a	r	e	-	-	a	l	t	s	a	r	e

a→w

ToDig.Excavare							ToWipe.Exsucare						
e	s	k	a	b	a	r	ə	-	ʃ	-	u	g	a
e	k	s	k	a	w	a: r	-	-	s	-	u	-	w e

a→j

ToWipe.Exsucare							ToWipe.Exsucare						
ə	-	ʃ	-	u	g	a	ə	-	ʃ	-	u	g	a
e	-	s	ɥ	i	-	j e	-	-	s	-	u	-	j a:

a→k

ToDig.Excavare							ToDig.Excavare							ToDig.Excavare							ToDig.Excavare														
e	s	k	a	b	a	r	-	-	e	s	k	a	b	a	r	-	-	e	s	k	a	b	a	r	-	-	e	s	k	a	b	a	r	-	-
e	k	s	k	a	w	a:	r	e	-	-	s	k	a	v	a	r	e	i	-	ʃ	k	ɐ	v	a	ɤ	-	i	-	ʃ	k	ɐ	v	a	r	

a→ɤ

ToWalk.Primary						
k	a	m	m	i	n	a
k	ɐ	m	i	ɲ	a	ɤ

a→b

ToDig.Excavare							ToDig.Excavare							ToDig.Excavare							ToCount.Numerare														
e	k	s	k	a	w	a: r	e	-	-	s	k	a	v	a	r	e	-	-	z	ʃ	a	v	a:	-	-	n	u	m	a	r	a	-	-		
e	s	k	a	b	a	r	-	-	e	s	k	a	b	a	r	-	-	-	e	s	k	a	b	a	r	-	-	n	ɔ̃	-	b	ɤ	e	-	-

a→f

Appendix 2 - Prior Frequencies

ToStand.Altiare							
-	a	l	t	s	a	r	e
-	a	l	t	ʃ	-	a:	-

a→ʃ

ToThrow.Primary							
ʒ	e	j	t	a	r	-	-
-	e	-	ʃ	a	r	-	-

ToThrow.Primary							
ʒ	e	j	t	a	r	-	-
-	e	-	ʃ	a	r	-	-

a→ʃ

ToDig.Excavare							
e	s	k	a	b	a	r	-
-	-	z	ʃ	a	v	a:	-

a:→e:

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

a:→i

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

a:→o

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

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

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

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

a:→ɔ

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

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

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

a:→ɔ:

Meat.Primary							
c	a:	r	-	-	-	-	-
ʃ	ɔ:	-	-	-	-	-	-

Bad.Primary							
m	a:	l	-	-	-	-	-
m	ɔ:	-	-	-	-	-	-

a:→ɛ:

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

a:→ẽ

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

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

Appendix 2 - Prior Frequencies

a:→ẽ

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

a:→ẽwĩ

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

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:→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 -

a:→ej

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

a:→aj

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

a:→a

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

a:→iw

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

Appendix 2 - Prior Frequencies

a:→n

ToWalk.Primary							
c	a	m	i	n	a:	-	-
k	a	m	m	i	n	a	r e

a:→r

ToStand.Altiare							ToStand.Altiare									
-	a	l	t	i	a:	r	e	-	a	l	t	ɸ	-	a:	-	
-	a	l	t	s	a	r	e	-	-	a	l	t	i	a:	r	e

a:→t

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

u→e:

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

u→ɔ:

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

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 -

u→ẽ

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

u→ĩ

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

u→ẽwĩ

Appendix 2 - Prior Frequencies

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

u → e

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

u → i

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

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 -

u → ɔj

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

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 → n

ToStab.Primary	ToStab.Primary	ToStab.Primary
p - u n g e r e	p - u n ɖ e r e	p - u ɲ - i - -
p u n ɖ e - - -	p u n ɖ e - - -	p u n ɖ e - - -

u → r

Day.Diurnata	Day.Diurnata
d i u r n a: t a	ʒ - u ʁ n e - -
ɖ o r n a t a -	ɖ o r n a t a -

u → l

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

u → t

Appendix 2 - Prior Frequencies

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

u→k

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

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 -

u→d

Warm.Primary	Warm.Primary
k a l i d u s	k a l - d u -
k a w - - d u	k a w - - d u

u→b

Fog.Nebula	ToStand.Levare	ToStand.Levare
n e g u r ə - -	l - u a - -	l - u a - -
n - e b b - j a	j e b a r -	ʌ ə b a - -

u:→e:

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

u:→i

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

u:→a

Day.Primary
ɖ ĵ - u: -
d i a -

u:→o:

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

u:→ε

Appendix 2 - Prior Frequencies

Thin.Delicatus									
d	u:	-	-	ʒ	e:	-	-	-	-
d	ɛ	ɪ	-	ɣ	a	ð	u	-	-

u:→ø:

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

u:→ø

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

u:→õ

One.Primary			
u:	n	u	m
õ	-	-	-

u:→ã

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

u:→ẽ

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

u:→ũ

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

u:→œ

One.Primary			
u:	n	u	m
œ	-	-	-

u:→ə

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

u:→ɐ

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

Appendix 2 - Prior Frequencies

u:→ɔa

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

u:→w

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

u:→ɥ

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

Rain.Primary									
p	l	u:	-	ɤ	-	-	-	-	-
p	l	ɥ	-	-	i	-	-	-	-

o→i:

ToSee.Primary									
v	j	o	d	i	-	-	-	-	-
v	-	i:	-	-	ɾ	-	-	-	-

Because.Quod									
k ^w	o	d	-	-	-	-	-	-	-
k	i:	-	-	-	-	-	-	-	-

o→a:

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

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

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

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

o→ɔ:

ToStand.Altiare									
-	o	-	s	-	e	-	-	-	-
h	ɔ:	-	s	-	i:	-	-	-	-

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

o→ɛ:

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

Water.Primary									
o	-	-	-	-	-	-	-	-	-
ɛ:	-	-	w	-	-	-	-	-	-

o→ã

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

How.Quomodo									
k	o	m	o	-	-	-	-	-	-
k	ɔ	m	ã	-	-	-	-	-	-

o→ẽ

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

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

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

How.Quomodo									
k	o	m	o	-	-	-	-	-	-
k	ɔ	m	ẽ	-	-	-	-	-	-

o→ẽj

Appendix 2 - Prior Frequencies

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 ēj	n e n ēj	n e n ēj	n e n ēj

o→y

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

o→aj

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

o→ʊ

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

o→r

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

o→l

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

o→j

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

o→t

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

o→k

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

o→d

Appendix 2 - Prior Frequencies

Warm.Primary							Warm.Primary						
k	a	l	-	d	o	-	k	a	l	-	d	o	-
k	a	w	-	-	d	u	k	a	w	-	-	d	u

$o \rightarrow \lambda$

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

$o \rightarrow \eta$

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

$o: \rightarrow e$

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

$o: \rightarrow u:$

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

$o: \rightarrow \varepsilon$

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

$o: \rightarrow \emptyset$

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

$o: \rightarrow \tilde{o}$

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

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

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

$o: \rightarrow \tilde{o}$

Appendix 2 - Prior Frequencies

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:→i

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

o:→aj

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

o:→au

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

o:→w

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

ɔ→a:

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

ɔ→ɔ:

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

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: - - -

ɔ→ĩ

Appendix 2 - Prior Frequencies

Mountain.Primary	Name.Nomen	Name.Nomen
m ɔ̃ n t - -	n ɔ̃ m - -	n ɔ̃ ŋ - -
m ɔ̃ - - -	n ɔ̃ - - -	n ɔ̃ - - -

ɔ̃→ə

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

ɔ̃→i

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

ɔ̃→y

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

ɔ̃→ɔ̃j

We.Primary	Leaf.Primary
n ɔ̃ - ʃ	f - ɔ̃ ʌ ʌ a
n ɔ̃j - s	f - ɔ̃j - - -

ɔ̃→g

Fog.Nebula
n j ɔ̃ - - - l y
n e g u r ə - -

ɔ̃:→e

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

ɔ̃:→i

Heart.Anima
ɔ̃: - - m -
i n i m ə

ɔ̃:→a:

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

ɔ̃:→u

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

Appendix 2 - Prior Frequencies

ɔ: → ɔ

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 - -

ɔ: → ε

Meat.Primary	FatNoun.Crassia
ʃ ɔ: - - - -	k ɾ ɔ: ɕ -
ʃ ε ɾ - - -	g ɾ ε s -

ɔ: → ɔ̃

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

ɔ: → ə

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

ɔ: → ɐ

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

ɔ: → ɑ

Heart.Anima
ɔ: - - m -
ɑ - - m -

ε → u

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

ε → u:

Thin.Delicatus
d ε ʃ - y a ɔ̃ u -
d u: - - ʒ e: - - -

ε → ɔ:

Appendix 2 - Prior Frequencies

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

$\varepsilon \rightarrow \text{ɔ:}$

Meat.Primary	FatNoun.Crassia
f ε ʁ - - -	g ʁ ε s -
f ɔ: - - -	k ʁ ɔ: ʃ -

$\varepsilon \rightarrow \emptyset$

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

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

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

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

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

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

Tongue.Primary
l ε n g - ε
l ẽu - - -

$\varepsilon \rightarrow \text{ɔa}$

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 - -

$\varepsilon \rightarrow \text{a}$

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

$\varepsilon \rightarrow \text{œ}$

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

$\varepsilon \rightarrow \text{ɛj}$

Appendix 2 - Prior Frequencies

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

ε→iw

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

ε→r

Worm.Primary						Worm.Primary						Worm.Primary						Worm.Primary					
v	j	ε	R	-	-	v	j	ε	R	-	-	v	j	ε	r	-	-	v	j	ε	r	-	-
w	e	r	m	e	m	v	e	r	m	e	-	w	e	r	m	e	m	v	e	r	m	e	-

ε→j

Worm.Primary						Worm.Primary						Worm.Primary						Hair.Capillus							
v	ε	r	m	-	-	v	ε	r	m	-	-	v	ε	r	m	-	-	k	ə	b	ε	-	ʌ	-	-
v	j	ε	R	-	-	v	j	ε	r	-	-	v	j	e	r	m	e	ʃ	i	v	j	-	-	a	-

ε→ʁ

Worm.Primary						Worm.Primary						Worm.Primary						Worm.Primary					
v	j	ε	R	-	-	v	j	ε	R	-	-	v	j	ε	r	-	-	v	j	ε	r	-	-
v	e	ʁ	-	-	-	v	e	ʁ	m	i	-	v	e	ʁ	-	-	-	v	e	ʁ	m	i	-

ε→g

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

ε→h

Dull.As.A Knife.Primary							
ε	b	e	t	e	-	-	
h	e	b	e	t	e	m	

ε:→e:

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

ε:→i

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

ε:→i:

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

Appendix 2 - Prior Frequencies

$\varepsilon \rightarrow a:$

Father.Primary					
p	$\varepsilon:$	-	r	-	
p	a:	d	r	e	

$\varepsilon \rightarrow o$

Bird.Avicellum						Water.Primary			
-	-	u:	-	-	h	$\varepsilon:$	-	-	-
w	a	-	-	-	z	o	-	-	-

$\varepsilon \rightarrow \tilde{e}$

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

$\varepsilon \rightarrow \tilde{e}$

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

$\varepsilon \rightarrow \partial$

Fog.Tenebras					
t	-	$\varepsilon:$	n	-	e
t	-	∂	n	-	e

$\varepsilon \rightarrow \varnothing$

ToFall.Primary						ToFall.Primary					
ʃ	-	$\varepsilon:$	-	-	R	ʃ	-	$\varepsilon:$	-	-	R
k	-	\varnothing	-	i	r	k	-	\varnothing	-	i	r

$\varepsilon \rightarrow i$

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

$\varepsilon \rightarrow \varnothing j$

Full.Primary						Full.Primary					
p	j	$\varepsilon:$	n	o	-	p	j	$\varepsilon:$	n	o	-
ʃ	-	$\varnothing j$	-	u	-	ʃ	-	$\varnothing j$	-	u	-

$\varepsilon \rightarrow aj$

Father.Primary				Father.Primary				Water.Primary			
p	$\varepsilon:$	-	r	p	$\varepsilon:$	-	r	$\varepsilon:$	-	-	w
p	aj	-	-	p	aj	-	-	aj	-	ɣ	w

$\varepsilon \rightarrow d$

Appendix 2 - Prior Frequencies

ToFall.Primary						
ʃ	-	ɛ:	-	-	ɹ	-
k	ə	d	ɛa	-	-	-

ø:→i:

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

ø:→a

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

ø:→u:

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

ø:→ɔ

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

ø:→ø

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

ø:→i

Narrow.Strictus													
-	s	t	ɹ	-	ø:	-	-	-	-	-	-	-	-
-	s	t	r	-	i	m	-	t	-	-	-	-	-

ø:→ej

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

ø:→ej

Narrow.Strictus										Straight.Primary										Three.Primary																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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ø:→qa

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

Appendix 2 - Prior Frequencies

ø:→oj

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

ø:→ea

Star.Primary					
-	s	t	-	ø:	-
-	s	t	-	ea	-

ø:→a

Liver.Primary						Three.Primary			
f	-	ø:	-	-	t	-	-	t	r
f	w	a	-	-	-	-	-	t	ɐ

ø:→œ

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

ø:→w

ToDrink.Primary					
b	ø:	-	-	ɐ	-
b	w	a	-	-	ɐ

ø→i

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

ø→u:

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

ø→o:

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

ø→ε

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

ø→ø:

Appendix 2 - Prior Frequencies

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

ø→ō

Few.Primary				
p	ø	-	-	-
p	ō	-	-	-

ø→y

Moon.Primary				
l	ø	n	-	-
l	y	n	-	-

ø→vj

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

ø→ej

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

ø→qa

Tail.Primary				
k	ø	-	-	-
c	qa	d	ə	-

ø→oj

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

ø→au

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

ø→j

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

ō→i

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

Appendix 2 - Prior Frequencies

õ→u:

One.Primary				
õ	-	-	-	-
u:	n	u	m	-

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	-	-

õ→ɔ:

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

õ→ø

Few.Primary				
p	õ	-	-	-
p	ø	-	-	-

õ→ũ

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

õ→œ

One.Primary				
õ	-	-	-	-
œ	-	-	-	-

õ→i

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

õ→aʊ

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

õ→w

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

ẽ→e:

Appendix 2 - Prior Frequencies

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

ẽ→i:

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

ẽ→a:

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

ẽ→u

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

ẽ→ε:

Full.Primary
p l ē - - -
p j ε: n o -

ẽ→ẽj

Not.Nec
n ē -
n ẽj -

ẽ→ẽj

Not.Nec
n ē -
n ẽj -

ẽ→ej

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

ẽ→ej

Breast.Primary
s ē - - -
s ej - u -

ẽ→ij

Dog.Primary
ʃ - ē - - -
k - ij n e -

Appendix 2 - Prior Frequencies

ã → e:

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

ã → u

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

ã → u:

How.Quomodo				
k	ɔ	m	ã	-
ʃ	e	m	u:	t

ã → o

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

ã → ã

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

ã → ě:

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

ã → õ:

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

ã → ěu

Tongue.Primary				
l	ã	-	g	-
l	ěu	-	-	-

ã → e

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

ẽ → a:

Appendix 2 - Prior Frequencies

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

ẽ→ã

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

ẽ→õ:

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

ẽ→e

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

ĩ→u

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

ĩ→ẽu

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

ĩ→ə

Guts.Primary	ToBurn.Incendere	ToBurn.Incendere
ĩ - t - r ẽ ɲ - ɐ ə n t - r a ɲ - ə	ĩ - s e n dʒ ɪ a r - ə n s e n d - - r ə	ĩ - s ẽ - d j a r - ə n s e n d - - r ə

ĩ→i

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

ẽ→e:

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

ẽ→i:

Appendix 2 - Prior Frequencies

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

ẽ → u:

How.Quomodo
k ɔ m ẽ - -
ʈ e m u: t -

ẽ → o

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

ẽ → ε:

Full.Primary
p l ẽ - -
p j ε: n o -

ẽ → ù

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

ẽ → ẽw̃

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

ẽ → i

ToSqueeze.Stringere	ToBurn.Incendere
e - t ɤ ẽ - d - ɤ -	ẽ - s ã - d j e - -
- s t r i n dʒ e - -	i n ʈ i n d ʒ e - -

ẽ → ej

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

ẽ → ij

Dog.Primary
f j ẽ - -
k - ij n e -

ẽ → n

Appendix 2 - Prior Frequencies

ToStab.Primary						
p	w	ẽ	-	d	-	ʁ
p	u	n	ɕ	e	-	-

ũ → u:

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

ũ → õ

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

ũ → ẽ

ToStab.Primary							ToStab.Primary						
p	-	ũ	-	ʒ	i	ʁ	p	-	ũ	-	ʒ	i	r
p	w	ẽ	-	d	-	ʁ	p	w	ẽ	-	d	-	ʁ

ũ → œ

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

ũ → n

ToStab.Primary							ToStab.Primary						
p	-	ũ	-	ʒ	i	ʁ	p	-	ũ	-	ʒ	i	r
p	u	n	ɕ	e	-	-	p	u	n	ɕ	e	-	-

ẽw̃ → i

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

ẽw̃ → a:

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

ẽw̃ → u

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

Appendix 2 - Prior Frequencies

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

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

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

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

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

Dog.Primary						Dog.Primary					
k	-	\tilde{e}	-	-	-	k	-	\tilde{e}	-	-	-
		\tilde{w}						\tilde{w}			
f	j	ē	-	-	-	f	j	ē	-	-	-

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

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

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

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

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

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

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

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

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

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

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

Appendix 2 - Prior Frequencies

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

ěj → ě

Not.Nec
n ěj -
n ě -

ěj → ə

In.In
ěj -
ə n

ěj → i

In.In
ěj -
i n

ěj → e:

Cloud.Primary
n u v ěj -
n u: b e: s

ěj → a:

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

ěj → ě

Not.Nec
n ěj -
n ě -

ěj → ə

In.In
ěj -
ə n

ěj → i

In.In
ěj -
i n

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

Appendix 2 - Prior Frequencies

õ→ɔ

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

õ→ẽwĩ

Not.Primary			Not.Primary			Not.Primary			Not.Primary		
n	õ	-	n	õ	-	n	õ	-	n	õ	-
n	ẽ	-	n	ẽ	-	n	ẽ	-	n	ẽ	-
wĩ			wĩ			wĩ			wĩ		

ã→ã

Leg.Gamba				Belly.Pantex				
ɖ	ã	-	p	-	p	ã	-	s
3	ã	-	b	-	p	ã	-	s

ã→ẽ

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

ã→i

Belly.Pantex				
p	ã	-	s	-
p	i	n	t	e

œ→u:

One.Primary			
œ	-	-	-
u:	n	u	m

œ→õ

One.Primary			
œ	-	-	-
õ	-	-	-

œ→ũ

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

ẽ:→e

Ash.Primary				
s	ẽ:	-	d	-
ʃ	e	n	e	r

ẽ:→i

Appendix 2 - Prior Frequencies

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

ẽ:→ε

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

ẽ:→ã

Ash.Primary									
s	ẽ:	-	-	d	-	-	-	-	-
s	ã	-	-	d	ɣ	-	-	-	-

õ:→ã

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

õ:→ẽ

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

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

õ:→i

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

ẽu→e

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

ẽu→i

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

Tongue.Primary									
l	ẽu	-	-	-	-	-	-	-	-
l	i	n	g	w	a	-	-	-	-

Tongue.Primary									
l	ẽu	-	-	-	-	-	-	-	-
l	i	m	b	-	ə	-	-	-	-

ẽu→ε

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

ẽu→ã

Tongue.Primary									
l	ẽu	-	-	-	-	-	-	-	-
l	ã	-	g	-	-	-	-	-	-

Appendix 2 - Prior Frequencies

ẽu → ĭ

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

ə → u:

Day.Primary					Thin.Delicatus				
d	i	ə	-		d	ə	l	i	k
ɖ	-	u:	-		d	u:	-	ʒ	e:

ə → ɔ

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

ə → ɔ:

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

ə → ɛ:

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

ə → ĭ

Guts.Primary						ToBurn.Incendere						ToBurn.Incendere																
ə	n	t	-	r	a	ɲ	-	ə	ə	n	s	e	n	d	-	-	r	ə	ə	n	s	e	n	d	-	-	r	ə
ĩ	-	t	-	r	ẽ	ɲ	-	ʋ	ĩ	-	s	e	n	ɖ	ɪ	a	r	-	ĩ	-	s	ẽ	-	d	j	a	r	-

ə → ẽj

In.In	
ə	n
ẽj	-

ə → ẽj

In.In	
ə	n
ẽj	-

ə → y

Fog.Nebula					
n	-	e	-	w	l
n	j	ɔ	-	-	l

ə → ɐj

Appendix 2 - Prior Frequencies

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

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 - ɐj - r a ɣ -	ʒ ɐj t a r - -	ʒ ɐj t a r - -	k - ɐj m a ɣ e

ə→aj

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

ə→oj

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

ə→ɪ

I.Primary
ʒ ə - -
dʒ ɪ - -

ə→ɛj

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

ə→r

ToSqueeze.Stringere
ə s t r ɛ ɲ - ə - -
ə ʃ t r i ʒ i r - -

ə→w

Fog.Nebula	Fog.Nebula	Fog.Nebula	ToFall.Primary
n e g u r ə - -	n e g u r ə - -	n e g u r ə - -	k ə d ɛa - - -
n - ɛ - v w - ɐ	n - ɛ - v w - ɐ	n - e - - w l ə	ʃ w a - - - ɣ -

ə→j

ToFall.Primary
k ə d ɛa - - -
ʃ j a d e - - -

ə→r

ToKnow.Cognoscere	ToFlow.Excurrere
k u - n ɛ ʃ - ə - -	ə - s k o - r ə - -
k o - n o θ e r - -	e - s k u r i r - -

Appendix 2 - Prior Frequencies

ə→ɤ

ToKnow.Cognoscere									
k	u	-	n	ɛ	ʃ	-	ə	-	-
k	ɔ	-	n	ɛ	-	t	ɤ	-	-

ə→v

ToSplit.Separare									
s	ə	p	ə	r	a	-	-	-	-
s	ə	-	v	-	-	-	ɤ	e	-

e→e:

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

e→u

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

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

e→u:

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

e→ɔ:

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

e→ɛ:

ToFall.Primary									
k	-	e	-	i	r	-	-	-	-
ʃ	-	ɛ:	-	-	r	-	-	-	-

ToFall.Primary									
k	-	e	-	i	r	-	-	-	-
ʃ	-	ɛ:	-	-	r	-	-	-	-

e→ã

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

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

e→ẽ

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

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

e→y

Appendix 2 - Prior Frequencies

Fog.Nebula							Fog.Nebula								
n	-	ε	-	v	w	-	ε	n	-	ε	-	v	w	-	ε
n	j	ɔ	-	-	-	l	y	n	j	ɔ	-	-	-	l	y

e→aj

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

e→ɑ

Sand.Primary						Sand.Primary						ToCut.Taliare						ToScratch.Rasare							
-	a	r	ej	-	ε	-	ε	r	ej	-	ε	t	ε	-	ʌ	-	a	r	-	ʁ	ε	z	a	r	-
h	a	r	e:	n	ɑ	h	a	r	e:	n	ɑ	t	ɑ	j	-	-	e	-	-	ʁ	ɑ	z	e	-	-

e→d

ToFall.Primary							ToFall.Primary						
k	-	ε	-	i	r	-	k	-	ε	-	i	r	-
k	ə	d	ɛa	-	-	-	k	ə	d	ɛa	-	-	-

e→v

ToSplit.Separare								
s	i	p	e	r	a	r	-	-
s	ə	-	v	-	-	-	ʁ	e

e→b

ToDig.Excavare									ToDig.Excavare								
i	-	ɟ	k	ɐ	v	a	ʁ	-	i	-	ɟ	k	ɐ	v	a	r	-
e	s	k	a	b	a	r	-	-	e	s	k	a	b	a	r	-	-

e→tʃ

BarkOfATree.Corticea								BarkOfATree.Corticea							
k	o	ʁ	tʃ	i	s	ε	-	k	u	r	t	i	s	ε	-
k	o	r	t	e	t	tʃ	a	k	o	r	t	e	t	tʃ	a

i→e:

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

i→a:

Hand.Primary						
m	i	n	ə	-		
m	a:	n	o	-		

i→u

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

Appendix 2 - Prior Frequencies

i→o:

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

i→ɔ

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

i→ɛ:

What.Primary									
k	-	i	-	-	-	-	-	-	-
k	w	ɛ:	-	-	-	-	-	-	-

i→ø:

Narrow.Strictus									
-	s	t	r	-	i	m	-	t	-
-	s	t	ʁ	-	ø:	-	-	-	-

i→õ

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

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

i→ĩ

ToSqueeze.Stringere									
-	s	t	r	i	n	ɕ	e	-	-
ə	ʃ	t	r	ĩ	-	ʒ	i	r	-

ToSqueeze.Stringere									
-	s	t	r	i	n	ɕ	e	-	-
ə	ʃ	t	r	ĩ	ʒ	i	r	-	-

ToBurn.Incendere									
i	n	ʃ	i	n	d	ʒ	e	-	-
ĩ	-	s	e	n	ɕ	ɾ	a	r	-

ToBurn.Incendere									
i	n	ʃ	i	n	d	ʒ	e	-	-
ĩ	-	s	ẽ	-	d	j	a	r	-

i→ẽ

ToSqueeze.Stringere									
-	s	t	r	i	n	ɕ	e	-	-
e	-	t	ʁ	ẽ	-	d	-	ʁ	-

ToBurn.Incendere									
i	n	ʃ	i	n	d	ʒ	e	-	-
ẽ	-	s	ã	-	d	j	e	-	-

i→ẽw

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

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

i→ẽj

In.In									
i	n	-	-	-	-	-	-	-	-
ẽj	-	-	-	-	-	-	-	-	-

Appendix 2 - Prior Frequencies

i→ēj

In.In	
i	n
ēj	-

i→ā

Belly.Pantex							
p	i	n	t	e	ŋ	e	-
p	ā	-	s	-	-	-	-

i→ō:

Blood.Primary							
s	i	n	ɕ	-	e	-	-
s	ō:	-	g	-	-	-	-

i→y

River.Rivus			
r	i	-	w
ʁ	y	-	-

i→ej

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

i→ej

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

i→qa

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

i→ɕa

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

i→a

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

i→m

Worm.Primary					
v	e	r	m	i	-
v	j	e	r	m	e

Appendix 2 - Prior Frequencies

$y \rightarrow i$:

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

$y \rightarrow a$

Fog.Nebula							Fog.Nebula							Fog.Nebula									
n	j	ɔ	-	-	-	l	y	n	j	ɔ	-	-	-	l	y	n	j	ɔ	-	-	-	l	y
n	-	e	-	b	u	l	a	n	j	e	-	b	-	l	a	n	-	e	b	b	-	j	a

$y \rightarrow o$

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

$y \rightarrow ɔ$

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

$y \rightarrow \emptyset$

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

$y \rightarrow ə$

Fog.Nebula							
n	j	ɔ	-	-	-	l	y
n	-	e	-	-	w	l	ə

$y \rightarrow e$

Fog.Nebula							Fog.Nebula								
n	j	ɔ	-	-	-	l	y	n	j	ɔ	-	-	-	l	y
n	-	ε	-	v	w	-	ɐ	n	-	ε	-	v	w	-	ɐ

$y \rightarrow i$

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

$y \rightarrow ɔa$

Night.Primary						
n	-	y	-	t	-	-
n	-	o	a	p	t	e

$y \rightarrow oj$

Appendix 2 - Prior Frequencies

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 ɤ -	f l w i r -

y→ɥ

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

ɤj→e:

Sand.Primary	Full.Primary	Full.Primary	Straight.Primary
- ɤ r ɤj - ɤ	ʃ - ɤj - u -	ʃ - ɤj - u -	d i r - ɤj - 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

ɤj→a:

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

ɤj→ɛ:

Full.Primary	Full.Primary
ʃ - ɤj - u -	ʃ - ɤj - u -
p j ɛ: n o -	p j ɛ: n o -

ɤj→ø:

Narrow.Strictus	Straight.Primary
i ʃ t r - ɤj - - t u -	d i r - ɤj - t u -
- s t ɤ - ø: - - - -	d - r - ø: - - - -

ɤj→ø

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

ɤj→ẽ

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

ɤj→ẽ

Appendix 2 - Prior Frequencies

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

ɐj→ə

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

ɐj→i

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

ɐj→aj

Ear.Primary						
o	r	ɐj	-	-	ʌ	e
ɔ	R	aj	-	-	-	-

ɐj→ɛj

Red.Vermiculus											
v	i	r	m	ɐj	-	-	ʌ	u	-	-	-
v	ɛ	ʁ	m	ɛj	-	-	-	-	-	-	-

ej→e:

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

ej→a:

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

ej→ø:

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

ej→ø

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

ej→ě

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

Appendix 2 - Prior Frequencies

ej→ə

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

ej→i

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

ej→aj

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

ej→a

Three.Primary
t r - ej - t ʁ w a -

ej→j

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

qa→e

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

qa→i

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

qa→a

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

qa→u:

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

qa→ε

Appendix 2 - Prior Frequencies

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

ɔa→ø:

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

ɔa→ø

Tail.Primary									
c	ɔa	d	ə	-	-	-	-	-	-
k	ø	-	-	-	-	-	-	-	-

ɔa→i

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

ɔa→y

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

ɔa→oj

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

ɔa→œ

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

ɔa→au

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

ɔa→ɔj

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

ɔa→ɥ

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

Appendix 2 - Prior Frequencies

aj→i

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

aj→i:

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

aj→a:

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

aj→o

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

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→ε:

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

aj→ə

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

aj→ɐ

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

aj→ɛj

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

aj→ej

Appendix 2 - Prior Frequencies

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

aj→ɛa

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

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	-

oj→ø:

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

oj→ø

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

oj→ə

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

oj→y

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

oj→ɔa

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

oj→ɔj

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

oj→ɛj

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

Appendix 2 - Prior Frequencies

ea → i:

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

ea → ø:

Star.Primary						
-	s	t	-	ea	-	-
-	s	t	-	ø:	-	l

ea → i

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

ea → aj

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

ea → a

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

ea → r

ToLieAsInABed.Iacere						
z	ə	-	ʃ	ea	-	-
dʒ	e	-	-	r	e	-

ea → w

ToFall.Primary						
k	ə	d	ea	-	-	-
k	-	a	w	-	r	ə

ea → d

ToFall.Primary							ToFall.Primary							ToFall.Primary						
k	ə	d	ea	-	-	-	k	ə	d	ea	-	-	-	k	ə	d	ea	-	-	-
k	-	a	d	e	r	e	k	-	a	d	e	r	e	ʃ	j	a	d	e	-	-

α → e:

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

α → i:

Appendix 2 - Prior Frequencies

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

ɑ → a:

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

ɑ → ɔ:

Heart.Anima			
ɑ	-	m	-
ɔ:	-	m	-

ɑ → ε

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

ɑ → ø:

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

ɑ → ɐ

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

ɑ → i

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

ɑ → ej

Three.Primary							
t	ɤ	w	ɑ	-	-	-	-
t	r	-	ej	-	-	-	-

ɑ → ɛɑ

ToDrink.Primary							
b	w	ɑ	-	-	ɤ	-	-
b	-	ɛɑ	-	-	-	-	-

œ → e:

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

Appendix 2 - Prior Frequencies

œ→a

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

œ→u

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

œ→o:

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

œ→ε

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

œ→ø:

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

œ→ɔa

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

œ→ɔj

Leaf.Primary				
f	-	œ	j	-
f	-	ɔj	-	-

au→o:

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

au→ø

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

au→õ

Appendix 2 - Prior Frequencies

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

au → qa

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

au → w

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

ɔj → i

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

ɔj → u

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

ɔj → ɔ

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

ɔj → qa

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

ɔj → oj

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

ɔj → œ

Leaf.Primary
f - ɔj - - -
f - œ j - -

i → e

Appendix 2 - Prior Frequencies

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

ɪ→i

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

ɪ→ə

I.Primary
ɖ ɪ - - ʒ ə - -

ɪ→j

ToBurn.Incendere	ToBurn.Incendere	ToBurn.Incendere
ĩ - s e n ɖ ɪ a r - ɛ - s ā - d j e - -	ĩ - s e n ɖ ɪ a r - i n ʃ ɛ n d j a r e	ĩ - s e n ɖ ɪ a r - ĩ - s ẽ - d j a r -

ɪ→ʒ

ToBurn.Incendere
ĩ - s e n ɖ ɪ a r - i n ʃ i n d ʒ e - -

ɛj→i

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

ɛj→ɛ

Red.Vermiculus
v ɛ ʁ m ɛj - - - - b ə r m ɛ - - ʌ - -

ɛj→ə

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

ɛj→ɐj

Red.Vermiculus
v ɛ ʁ m ɛj - - - - v i r m ɐj - - ʌ u -

ɛj→oj

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

Appendix 2 - Prior Frequencies

iw→i

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

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	-	-

iw→a:

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

iw→ε

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

iw→ẽwĩ

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

ij→ě

Dog.Primary					
k	-	ij	n	e	-
ʈʂ	-	ě	-	-	-

ij→ẽ

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

ij→ẽwĩ

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

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	-

Appendix 2 - Prior Frequencies

ʊ→o

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

n→e

ToWalk.Primary									ToWalk.Primary								
k	a	m	m	i	n	a	r	e	k	a	m	m	i	n	a	r	e
ʃ	ə	m	i	n	e	-	-	-	ʃ	i	m	i	n	e	-	-	-

n→a:

ToWalk.Primary								
k	a	m	m	i	n	a	r	e
c	a	m	i	n	a:	-	-	-

n→u

ToStab.Primary							ToStab.Primary							ToStab.Primary								
p	u	n	ɔ̃	e	-	-	p	u	n	ɔ̃	e	-	-	-	p	u	n	ɔ̃	e	-	-	-
p	-	u	n	g	e	r	e	p	-	u	n	ɔ̃	e	r	e	p	-	u	ɲ	-	i	-

n→ẽ

ToStab.Primary							
p	u	n	ɔ̃	e	-	-	-
p	w	ẽ	-	d	-	ʁ	-

n→ũ

ToStab.Primary							ToStab.Primary							
p	u	n	ɔ̃	e	-	-	p	u	n	ɔ̃	e	-	-	-
p	-	ũ	-	ʒ	i	ʁ	p	-	ũ	-	ʒ	i	r	-

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

n→ɐ

Day.Diurnata							
ɔ̃	o	r	n	a	t	a	-
ʒ	-	u	ʁ	n	e	-	-

n→b

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

n→f

Appendix 2 - Prior Frequencies

ToWipe.Exsucare									
e	n	x	-	u	g	-	a	r	-
a	ʃ	ʃ	-	u	g	-	a	r	e

n→ɔ̃

ToStab.Primary									
p	-	u	n	g	e	r	e		
p	u	n	ɔ̃	e	-	-	-		

ToStab.Primary									
p	-	u	n	ɔ̃	e	r	e		
p	u	n	ɔ̃	e	-	-	-		

m→a

Belly.Pantex									
p	a	n	t	i	k	e	m		
p	a	n	θ	-	-	-	a		

m→i

Worm.Primary									
v	j	e	r	m	e				
v	e	r	m	i	-				

m→ɲ

All.Primary									
o	m	n	e	:	s				
o	ɲ	ɲ	i	-					

m→v

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

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

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

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

m→z

Near.Primary									
p	r	o	s	i	-	-	m	u	-
p	r	o	-	-	-	i	z	m	e

Near.Primary									
p	r	o	s	i	-	-	m	u	-
p	r	o	-	-	-	i	z	m	e

ɲ→i

ToWalk.Primary									
k	ɐ	m	i	ɲ	a	ɤ	-	-	
k	a	m	m	i	n	a	r	e	

ToWalk.Primary									
k	ɐ	m	i	ɲ	a	r	-	-	
k	a	m	m	i	n	a	r	e	

ɲ→m

All.Primary									
o	ɲ	ɲ	i	-					
o	m	n	e	:	s				

ɲ→l

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

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

Appendix 2 - Prior Frequencies

$n \rightarrow g$

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

$n \rightarrow ʒ$

ToSqueeze.Stringere	ToSqueeze.Stringere
e s t r e n - i r -	ə s t r ɛ n - ə - -
ə ʃ t r i ʒ i r - -	ə ʃ t r i ʒ i r - -

$n \rightarrow dʒ$

ToStab.Primary
p - u n - i - -
p u n dʒ e - - -

$\eta \rightarrow k$

Long.Longum
ʌ o - \eta - - -
l u n k - - -

$\eta \rightarrow g$

Long.Longum	Long.Longum	Long.Longum
ʌ o - \eta - - -	ʌ o - \eta - - -	ʌ o - \eta - - -
l ɔ̃ - g u - -	l ɔ̃ - g u - -	l u n g - - -

$r \rightarrow e:$

ToLieAsInABed.Iacere	ToLieAsInABed.Iacere
dʒ e - - r e -	dʒ e - - r e -
j a - k e: r e	dʒ a - tʃ e: r e

$r \rightarrow i:$

ToStand.Altiare	ToSqueeze.Stringere
- a l t s a r e -	ə ʃ t r i ʒ i r - -
h ɔ: - s - i: - -	- s t r ɛ n g i: - -

$r \rightarrow a$

ToStand.Altiare	ToStand.Altiare	ToStand.Altiare	ToStand.Altiare
- a l t s a r e -	- a l t s a r e -	- a l t s a r e -	- a l t s a r e -
- a l θ - a r -	- a ɫ s - a - -	- a ɫ s - a r -	- ə l s - a - -

$r \rightarrow a:$

ToStand.Altiare	ToStand.Altiare
- a l t i a: r e	- a l t s a r e -
- a l t ʃ - a: -	- a l t i a: r e

$r \rightarrow u$

Appendix 2 - Prior Frequencies

Day.Diurnata	Day.Diurnata
ɖ ɔ r n a t a -	ɖ ɔ r n a t a -
d i u r n a : t a	ʒ - u ʁ n e - -

r→o

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

r→ε

Worm.Primary	Worm.Primary	Worm.Primary	Worm.Primary
w e r m e m	w e r m e m	v e r m e -	v e r m e -
v j ε R - -	v j ε r - -	v j ε R - -	v j ε r - -

r→ə

ToSqueeze.Stringere
ə ʃ t r i ʒ i r - -
ə s t r ε ɲ - ə - -

r→ɛa

ToLieAsInABed.Iacere
ɖ ɛ - - r e -
z ə - ʃ ɛa - -

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 ε w - r ə	s u - ʃ i w - -	s u - ʃ i w - -

r→j

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

r→d

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

r→v

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

r→b

Appendix 2 - Prior Frequencies

Fog.Nebula	Fog.Nebula	Fog.Nebula
n e g u r ə - -	n e g u r ə - -	n e g u r ə - -
n - e - b u l a	n j e - b - l a	n - e b b - j 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→ɫ

Ice.Primary
ɖ ɛ r -
ʒ ɛ ɫ -

r→h

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

l→u

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

l→o

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

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

l→s

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

l→t

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

l→k

Appendix 2 - Prior Frequencies

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

w→a

ToDig.Excavare	ToWipe.Exsucare
e k s k a w a: r e	- - s - u - w e - -
e s k a b a r - -	ə - ʃ - u g a - - -

w→u:

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

w→o:

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

w→ø:

ToDrink.Primary
b w ɑ - - ʁ -
b ø: - - ʁ - -

w→õ

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

w→ə

Fog.Nebula	Fog.Nebula	Fog.Nebula	ToFall.Primary
n - ε - v w - ɐ	n - ε - v w - ɐ	n - e - - w l ə	ʃ w a - - ʁ -
n e g u r ə - -	n e g u r ə - -	n e g u r ə - -	k ə d ɛ a - - -

w→y

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

w→ɛa

ToFall.Primary
k - a w - r ə
k ə d ɛ a - - -

w→aʊ

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

Appendix 2 - Prior Frequencies

w→n

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

w→r

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

w→ɣ

Rain.Primary	Sky.Primary	Sky.Primary
p l u - w i a	s - ε w - -	s - ε w - -
p l u: - ɣ - -	s - i: ɣ - -	s - i: ɣ - -

w→ʒ

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

w→ɖʒ

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

w→z

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

w→h

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

j→a

ToWipe.Exsucare	ToWipe.Exsucare
e - s ɥ i - j e - -	- - s - u - j a: - -
ə - ʃ - u g a - -	ə - ʃ - u g a - -

j→o

Appendix 2 - Prior Frequencies

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

j→ε

Worm.Primary						Worm.Primary						Worm.Primary						Hair.Capillus							
v	j	ε	R	-	-	v	j	ε	r	-	-	v	j	e	r	m	e	ʃ	i	v	j	-	-	a	-
v	ε	r	m	-	-	v	ε	r	m	-	-	v	ε	r	m	-	-	k	ə	b	ε	-	ʌ	-	-

j→ø

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

j→ə

ToFall.Primary						
ʃ	j	a	d	e	-	-
k	ə	d	ɛa	-	-	-

j→ej

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

j→ɪ

ToBurn.Incendere										ToBurn.Incendere										ToBurn.Incendere									
ẽ	-	s	ã	-	d	j	e	-	-	i	n	ʃ	ε	n	d	j	a	r	e	ĩ	-	s	ẽ	-	d	j	a	r	-
ĩ	-	s	e	n	dʒ	ɪ	a	r	-	ĩ	-	s	e	n	dʒ	ɪ	a	r	-	ĩ	-	s	e	n	dʒ	ɪ	a	r	-

j→r

Sand.Sabulum						
s	o:	v	-	j	ō	-
s	o	-	-	r	ə	-

j→r

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

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

j→z

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

Appendix 2 - Prior Frequencies

j→y

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

j→ɫ

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

j→kʲ

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

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→r

BarkOfATree.Skorteá												
-	s	k	w	a	s	-	-	-	-	-	-	-
-	s	k	-	qa	r	ts	-	ə	-	-	-	-

s→ʁ

BarkOfATree.Skorteá												
-	s	k	w	a	s	-	-	-	-	-	-	-
e	-	k	-	o	ʁ	s	-	-	-	-	-	-

s→ʒ

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

s→dʒ

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

s→dz

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

s→ç

Appendix 2 - Prior Frequencies

FatNoun.Crassia	FatNoun.Crassia
g ɤ ε s -	g r a s a
k ɾ ɔ: ɕ -	k ɾ ɔ: ɕ -

t→a:

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

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

t→o

Many.Primary	Many.Primary	Many.Primary	Many.Primary
m ũ ĵ - t u	m ũ ĵ - t u	m ũ ĵ - t u	m ũ ĵ - t u
m u - ʃ o -	m o l t o -	m u - ʃ o -	m o l t o -

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

t→r

ToSqueeze.Appetorare	ToSqueeze.Appetorare	ToSqueeze.Appetorare
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 -	e - p i - r - t a r -	e - p i - r - t a r -

t→ɤ

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

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 -

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 -

t→ʌ

Appendix 2 - Prior Frequencies

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

t→z

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

t→y

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

t→x

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

t→k^j

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

r→i

ToKnow.Cognoscere					
k	o	-	n	o	θ
k	o	-	ɲ	o	s

r→i:

ToFlow.Excurrere					
e	-	s	k	u	r
-	-	s	k	o	-

r→ə

ToKnow.Cognoscere						ToFlow.Excurrere					
k	o	-	n	o	θ	e	r	-	-	e	-
k	u	-	n	ɛ	ɸ	-	ə	-	-	ə	-

r→j

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

r→s

BarkOfATree.Skortea					
-	s	k	-	qa	r
-	s	k	w	a	s

Appendix 2 - Prior Frequencies

$r \rightarrow t$

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

$r \rightarrow \text{ɬ}$

Sun.Primary
s ɔ̃ a r e -
s ɔ̃ ɬ - -

$r \rightarrow \text{ɭ}$

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

$k \rightarrow a$

ToDig.Excavare	ToDig.Excavare	ToDig.Excavare	ToDig.Excavare
e k s k a w a: r e	- - s k a v a r e	i - ʃ k ɐ v a ʁ -	i - ʃ k ɐ v a r -
e s k a b a r - -	e s k a b a r - -	e s k a b a r - -	e s k a b a r - -

$k \rightarrow u$

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

$k \rightarrow o$

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

$k \rightarrow \eta$

Long.Longum
l u n k - - -
ʌ o - ɳ - - -

$k \rightarrow l$

Louse.Primary	Louse.Primary	Louse.Primary	Old.Primary
p - e d u - k l u s	p - i d ɔ̃ k k j o -	p - ə d u - k j e -	v - ɛ 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

$k \rightarrow \text{ɖ}$

Blood.Primary	Leg.Gamba	Liver.Primary	Liver.Primary
s a ɳ k - - - -	k a m b ə	f - i: k a: t u m	f - i k a t - -
s i n ɖ - e - - -	ɖ ǣ - p -	f - e ɖ ə - - -	f - e ɖ ə - - -

$k \rightarrow h$

Appendix 2 - Prior Frequencies

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

$k \rightarrow g^w$

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

$p \rightarrow u$

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

$p \rightarrow g$

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

$p \rightarrow f$

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

$p \rightarrow f^f$

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

$p \rightarrow y$

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

$p \rightarrow c$

Night.Primary				
n	-	qa	p	t
n	-	o	c	t
-	-	-	-	-

$p \rightarrow k^w$

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

$d \rightarrow i$

ToSqueeze.Stringere									
e	-	t	ɤ	ẽ	-	d	-	ɤ	-
ə	f	t	r	ĩ	ʒ	i	r	-	-

Appendix 2 - Prior Frequencies

d→u

Warm.Primary	Warm.Primary
k a w - - d u	k a w - - d u
k a l i d u s	k a l - d u -

d→o

Warm.Primary	Warm.Primary
k a w - - d u	k a w - - d u
k a l - d o -	k a l - d o -

d→ε:

ToFall.Primary
k ə d ɛa - - -
ʃ - ε: - - R -

d→v

ToFall.Primary	ToFall.Primary
k ə d ɛa - - -	k ə d ɛa - - -
k - v - i r -	k - v - i r -

d→ea

ToFall.Primary	ToFall.Primary	ToFall.Primary
k - a d e r e	k - a d e r e	ʃ j a d e - -
k ə d ɛa - - -	k ə d ɛa - - -	k ə d ɛa - - -

d→r

Round.Primary	Round.Primary	Round.Primary	Round.Primary
r e d o n d o -	ɤ e d ɔ̃ - d u -	ɤ i d ɔ̃ - d u -	r ə d o - - -
t a r ɔ̃ n t - -	t a r ɔ̃ n t - -	t a r ɔ̃ n t - -	t a r ɔ̃ n t - -

d→b

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

d→ʃ

ToTurnIntransitive.Torquere	ToTurnIntransitive.Torquere
t ɔ̃ ɤ d - ɤ -	t ɔ̃ ɤ d - ɤ -
t ɔ̃ r ʃ e r e	t ɔ̃ a r ʃ e - -

d→ʌ

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

Appendix 2 - Prior Frequencies

d→θ

ToTurnIntransitive.Torquere

t	ɔ	ʁ	d	-	ʁ	-
t	o	r	θ	e	r	-

d→x

Day.Diurnata

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

d→k^w

ToTurnIntransitive.Torquere

t	ɔ	ʁ	d	-	ʁ	-
t	o	r	k ^w	e:	r	e

d→ʃ

ToEat.Manducare

m	a	n	d	u	k	a:	r	e
m	a	ɲ	ʃ	-	-	a:	-	-

ToEat.Manducare

m	a	n	d	u	k	a	r	-
m	a	ɲ	ʃ	-	-	a:	-	-

d→dz

Leaf.Frondea

f	r	o	n	d	e	a
f	r	o	n	dz	-	a

Day.Diurnata

d	i	u	r	n	a:	t	a
dz	-	o	r	n	a	d	e

ʁ→i

ToDrink.Primary

b	ø:	-	-	ʁ	-	-
b	-	e	v	i	-	-

ToKnow.Cognoscere

k	ɔ	-	n	ɛ	-	t	ʁ	-	-
k	o	-	ɲ	o	s	-	i	-	-

ToFight.Battuere

b	a	t	-	-	ʁ	-	-
b	a	-	t	-	i	r	-

ToFlow.Excurrere

i	-	ʃ	k	o	-	ʁ	e	ʁ	-
e	-	s	k	u	r	i	r	-	-

ʁ→a

ToWalk.Primary

k	ɐ	m	i	ɲ	a	ʁ	-	-
k	a	m	m	i	n	a	r	e

ʁ→ɛ

Worm.Primary

v	e	ʁ	-	-	-
v	j	ɛ	r	-	-

Worm.Primary

v	e	ʁ	-	-	-
v	j	ɛ	r	-	-

Worm.Primary

v	e	ʁ	m	i	-
v	j	ɛ	r	-	-

Worm.Primary

v	e	ʁ	m	i	-
v	j	ɛ	r	-	-

ʁ→ə

ToKnow.Cognoscere

k	ɔ	-	n	ɛ	-	t	ʁ	-	-
k	u	-	n	ɛ	ʃ	-	ə	-	-

ʁ→n

Appendix 2 - Prior Frequencies

Day.Diurnata									
ʒ	-	u	ʁ	n	e	-	-	-	-
dʒ	o	r	n	a	t	a	-	-	-

ʁ → w

Rain.Primary						Sky.Primary						Sky.Primary						
p	l	u:	-	ʁ	-	-	s	-	i:	ʁ	-	-	s	-	i:	ʁ	-	-
p	l	u	-	w	i	a	s	-	ɛ	w	-	-	s	-	ɛ	w	-	-

ʁ → s

BarkOfATree.Skorteá									
e	-	k	-	o	ʁ	s	-	-	-
-	s	k	w	a	s	-	-	-	-

ʁ → t

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

ʁ → v

Rain.Primary							Rain.Primary						
p	l	u:	-	ʁ	-	-	p	l	u:	-	ʁ	-	-
f	-	u	-	v	-	e	f	-	u	-	v	-	e

ʁ → b

Rain.Primary						
p	l	u:	-	ʁ	-	-
j	-	u	-	b	j	a

ʁ → ʒ

Rain.Primary						
p	l	u:	-	ʁ	-	-
p	l	u	-	ʒ	-	ə

v → ə

ToSplit.Separare									
s	ə	-	v	-	-	-	ʁ	e	-
s	ə	p	ə	r	a	-	-	-	-

v → e

ToSplit.Separare									
s	ə	-	v	-	-	-	ʁ	e	-
s	i	p	e	r	a	r	-	-	-

v → m

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

Appendix 2 - Prior Frequencies

$v \rightarrow r$

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

$v \rightarrow \mathfrak{x}$

Rain.Primary						Rain.Primary					
ʃ	-	u	-	v	-	ε	ʃ	-	u	-	v
p	l	u:	-	ɣ	-	-	p	l	u:	-	ɣ
											-

$v \rightarrow z$

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

$g \rightarrow i$

ToSqueeze.Stringere										ToSqueeze.Stringere										ToSqueeze.Stringere										
-	s	t	r	i	n	g	e	r	e	-	s	t	r	i	n	g	e	-	-	-	s	t	r	ε	n	g	i:	-	-	-
ə	ʃ	t	r	ĩ	ʒ	i	r	-	-	ə	ʃ	t	r	ĩ	ʒ	i	r	-	-	ə	ʃ	t	r	ĩ	ʒ	i	r	-	-	-

$g \rightarrow i:$

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:	-	-	-

$g \rightarrow ɔ$

Fog.Nebula					
n	e	g	u	r	ə
n	j	ɔ	-	-	l
					y

$g \rightarrow \varepsilon$

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

$g \rightarrow \mathfrak{n}$

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

$g \rightarrow \eta$

Long.Longum						Long.Longum						Long.Longum					
l	ō	-	g	u	-	l	ō	-	g	u	-	l	u	n	g	-	-
λ	o	-	η	-	-	λ	o	-	η	-	-	λ	o	-	η	-	-

Appendix 2 - Prior Frequencies

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→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→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

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 - -

g→x

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

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

g→j

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

g→j

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

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 - - - -

f→β

Appendix 2 - Prior Frequencies

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

b→a

ToDig.Excavare	ToDig.Excavare	ToDig.Excavare	ToCount.Numerare
e s k a b a r - -	e s k a b a r - -	e s k a b a r - -	n 5 - b ʁ e - -
e k s k a w a: r e	- - s k a v a r e	- - z ʃ a v a: - -	n u m a r a - -

b→u

Fog.Nebula	ToStand.Levare	ToStand.Levare
n - e b b - j a	j e b a r -	ʌ ə b a - -
n e g u r ə - -	l - u a - -	l - u a - -

b→v

ToDig.Excavare	ToDig.Excavare
e s k a b a r - -	e s k a b a r - -
i - ʃ k e v a ʁ -	i - ʃ k e v a r -

b→n

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

b→r

Fog.Nebula	Fog.Nebula	Fog.Nebula
n - e - b u l a	n j e - b - l a	n - e b b - j a
n e g u r ə - -	n e g u r ə - -	n e g u r ə - -

b→t

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

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 e	a n d - - a r e	ẽ - d - - a ʁ -	ẽ - d - - a r e

b→ʁ

Rain.Primary
j - u - b j a
p l u: - ʁ - -

b→g^w

Appendix 2 - Prior Frequencies

Tongue.Primary

l	i	m	b	-	ə
l	i	n	g ^w	-	a

f→e

ToKnow.Cognoscere

k	o	-	n	o	f	f	e	r	e
k	o	-	n	o	θ	e	r	-	-

f→i

ToStand.Altiare

-	a	l	t	f	-	a:	-
-	a	l	t	i	a:	r	e

f→i:

ToPull.Pulsare

p	u	-	f	a	r	-
p	u:	s	i:	-	-	-

ToPull.Pulsare

p	u	-	f	a	r	-
p	u:	s	i:	-	-	-

f→a

ToStand.Altiare

-	a	l	t	f	-	a:	-
-	a	l	ts	a	r	e	-

f→n

ToWipe.Exsucare

a	f	f	-	u	g	-	a	r	e
e	n	x	-	u	g	-	a	r	-

f→ts

Belly.Pantex

p	a	ɲ	f	-	-	ə	-
p	a	n	ts	-	-	e	-

f→j

Rain.Primary

f	-	u	-	v	-	ɐ
j	-	u	-	b	j	a

Rain.Primary

f	-	u	-	v	-	ɐ
j	-	u	-	b	j	a

f→h

ToKnow.Cognoscere

k	o	-	n	o	f	f	e	r	e
k	i	-	n	ɔ	h	-	-	-	-

ToKnow.Cognoscere

k	u	-	n	ɛ	f	-	ə	-	-
k	i	-	n	ɔ	h	-	-	-	-

ToKnow.Cognoscere

k	u	-	n	ɔa	f	t	e	-	-
k	i	-	n	ɔ	h	-	-	-	-

f→ʃ

ToDig.Cavare

f	ə	v	e	-	-
ʃ	a	v	a:	-	-

Appendix 2 - Prior Frequencies

$f \rightarrow \zeta$

FatNoun.Crassia	FatNoun.Crassia	FatNoun.Crassia
g r a f ɐ	g r a f ɐ	g r e f -
k R ɔ: ɕ -	k R ɔ: ɕ -	k R ɔ: ɕ -

$tf \rightarrow e$

BarkOfATree.Corticea
k o r t e t tf a
k o r t i k e a

$tf \rightarrow a$

ToThrow.Primary	ToThrow.Primary
- e - tf a r -	- e - tf a r -
ʒ ej t a r - -	ʒ ej t a r - -

$tf \rightarrow ɐ$

BarkOfATree.Corticea	BarkOfATree.Corticea
k o r t e t tf a	k o r t e t tf a
k o ɤ tf i s ɐ -	k u r t i s ɐ -

$tf \rightarrow p$

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

$tf \rightarrow d$

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

$tf \rightarrow ʒ$

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

$tf \rightarrow dʒ$

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

$tf \rightarrow h$

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

$ʒ \rightarrow e$

Appendix 2 - Prior Frequencies

ToStab.Primary							ToStab.Primary						
p	-	ũ	-	ʒ	i	ʁ	p	-	ũ	-	ʒ	i	r
p	u	n	ɕ	e	-	-	p	u	n	ɕ	e	-	-

3→i				I.Primary				I.Primary				ToSqueeze.Stringere			
ʒ	ə	-	-	ʒ	-	-	ɔ	ə	ʃ	t	r	ĩ	-	ʒ	i
i	-	-	o	i	-	-	o	ə	ʃ	t	r	ĩ	ʒ	i	r

3→I							ToBurn.Incendere						
i	n	ʃ	i	n	d	ʒ	e	-	-	-	-	-	-
ĩ	-	s	e	n	ɕ	i	a	r	-	-	-	-	-

3→ɲ							ToSqueeze.Stringere							ToSqueeze.Stringere						
ə	ʃ	t	r	ĩ	ʒ	i	ə	ʃ	t	r	ĩ	ʒ	i	ə	ʃ	t	r	ĩ	ʒ	i
e	s	t	r	e	ɲ	-	i	r	-	-	-	-	-	e	s	t	r	ɛ	ɲ	-

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

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

3→ʁ							Rain.Primary						
p	l	u	-	ʒ	-	ə	p	l	u	-	ʒ	-	ə
p	l	u	-	ʁ	-	-	p	l	u	-	ʁ	-	-

3→ʃ																																							
Near.Vicinus										Near.Vicinus										Near.Vicinus										Red.Rubeus									
v	-	i	ʒ	ẽ	-	-	-	-	-	v	-	i	ʒ	ẽ	-	-	-	-	-	v	-	i	ʒ	ẽ	-	-	-	-	-	ʁ	u	-	ʒ	-	-	-			
v	-	i	ʃ	i	n	o	-	-	-	v	-	i	ʃ	i	n	-	-	-	-	v	-	e	ʃ	i	n	-	-	-	-	r	ɔ	-	ʃ	-	-	-			

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

3→ɕ							Day.Diurnata						
ʒ	-	u	ʁ	n	e	-	ʒ	-	u	ʁ	n	e	-
ɕ	-	o	r	n	a	d	ɕ	-	o	r	n	a	d

Appendix 2 - Prior Frequencies

ɖ→e

ToStab.Primary						
p	-	u	n	ɖ	e	r e
p	u	n	ɖ	e	-	-

ɖ→i

I.Primary				ToSqueeze.Stringere								ToSqueeze.Stringere								ToFlow.Excurrere													
ɖ	i	-	-	-	s	t	r	i	n	ɖ	e	r	e	-	s	t	r	i	n	ɖ	e	-	-	-	s	k	u	r	ɖ	e	-	-	
i	-	-	o	-	ə	ʃ	t	r	ĩ	ʒ	i	r	-	-	ə	ʃ	t	r	ĩ	ʒ	i	r	-	-	e	-	s	k	u	r	i	r	-

ɖ→n

ToStab.Primary							ToStab.Primary								
p	u	n	ɖ	e	-	-	-	p	u	n	ɖ	e	-	-	-
p	-	u	n	g	e	r	e	p	-	u	n	ɖ	e	r	e

ɖ→ɲ

ToStab.Primary							
p	u	n	ɖ	e	-	-	-
p	-	u	ɲ	-	i	-	-

ɖ→w

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

ɖ→s

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

ɖ→k

Blood.Primary								Leg.Gamba				Liver.Primary				Liver.Primary				
s	i	n	ɖ	-	e	-	-	ɖ	ã	-	p	-	f	-	e	ɖ	ə	-	-	-
s	a	ɲ	k	-	-	-	-	k	a	m	b	ə	f	-	i	k	a	t	-	-

ɖ→ʃ

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

ɖ→ð

ToSplit.Primary							Smooth.Nitidus					Smooth.Nitidus				
ɖ	i	v	i	ɖ	i	ɳ	-	n	ɛ	ɖ	u	-	-	-		
d	i	v	i	ð	i	r	-	n	i	ð	i	-	o	-		

ɖ→ɣ

Appendix 2 - Prior Frequencies

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

ɕ → c

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

ɕ → R

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

ɕ → h

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

ɕ → ʃ

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

ɕ → g^w

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

ɕ → dz

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

ʎ → i:

Wife.Mulier
m o ʎ ʎ e - -
m u - i: r - -

ʎ → o

Eye.Primary	Eye.Primary
- o - - ʎ u -	- o - - ʎ u -
- o - x - o - -	- o - x - o - -

ʎ → t

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

Appendix 2 - Prior Frequencies

$\lambda \rightarrow d$

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	-	e	i	f	p	a	d	w	-	e

$\lambda \rightarrow t$

Full.Primary				
-	λ	e	n	o
p	t	ε	-	-

$\lambda \rightarrow j$

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	-		

$z \rightarrow m$

Near.Primary										Near.Primary											
p	r	o	-	-	-	i	z	m	e	-	p	r	o	-	-	-	i	z	m	e	-
p	r	o	s	i	-	-	m	u	-	-	p	r	o	s	i	-	-	m	u	-	-

$z \rightarrow r$

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

$z \rightarrow w$

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

$z \rightarrow j$

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

$z \rightarrow t$

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

$z \rightarrow v$

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

$z \rightarrow j$

Appendix 2 - Prior Frequencies

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

z→h

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

z→dz

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

ð→ɖ

ToSplit.Primary							Smooth.Nitidus				Smooth.Nitidus			
d	i	v	i	ð	i	r	n	i	ð	i	-	o	-	-
ɖ	i	v	i	ɖ	i	ɾ	n	ɛ	ɖ	u	-	-	-	-

θ→d

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

θ→ʒ

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

θ→c

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

θ→ts

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

θ→k^w

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

θ→h

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

Appendix 2 - Prior Frequencies

y→i:

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

y→j

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

y→t

Lake.Primary				
l	a	ʏ	u	-
l	a:	t	-	-

y→p

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

y→ɖʒ

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

y→k^w

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

c→p

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

c→g

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

c→ɖʒ

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

c→θ

Appendix 2 - Prior Frequencies

To Throw. Lanceare						
l	a	n	c	-	i:	-
l	a	n	θ	-	a	r

x → i:

To Pull. Pulsare						
p	u	-	x	a	r	-
p	u:	s	i:	-	-	-

x → t

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

x → d

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

x → g

To Turn Intransitive. Gyrare						
x	i	r	a	r	-	
g	y	r	a:	r	e	

x → k^l

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

Knee. Geniculum						
-	-	i	n	o	-	x
ɕ	-	e	n	u	n	k ^l

Old. Primary						
b	j	e	x	o	-	-
v	-	e	k ^l	-	-	-

x → dz

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

r → i:

To Hear. Primary						
ō	-	-	r	-	-	-
au	-	d	i:	r	e	

To Hear. Primary						
ō	-	-	r	-	-	-
u	l	d	i:	-	-	

r → ɕ

To Flow. Excurrere						
i	-	ʃ	k	u	-	r
-	-	s	k	u	r	ɕ

To Flow. Currere						
k	ɔ	-	r	i	-	-
k	u	r	ɕ	e	-	-

ts → f

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

Appendix 2 - Prior Frequencies

ts→θ

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

ɫ→r

Ice.Primary
ʒ ε ɫ -
dʒ e r -

ɫ→j

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

ɫ→r

Sun.Primary
s ɔ ɫ - -
s ɔa r e -

ɫ→λ

Full.Primary
p ɫ ε - - -
- λ e n o -

k^w→p

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

k^w→d

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

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

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

Appendix 2 - Prior Frequencies

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

j→i

I.Primary
j - - o
i - - o

j→g

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

j→f

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

j→ɰ

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 - ɰ - -	k - ɔ - ɰ - -	ɰ ə b a - -	ə - ɰ a -

j→z

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

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 - -

h→ɛ

DullAsAKnife.Primary
h e b e t e m
ɛ b e t e - -

h→r

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

h→w

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

Appendix 2 - Prior Frequencies

h→k

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

h→f

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	f	f	e	r	e	k	u	-	n	ε	f	-	ə	-	-	k	u	-	n	ɔa	f	t	e	-	-

h→fj

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

h→ɖʒ

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

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	-	-		

h→θ

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

ɥ→u:

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

ɥ→o

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

ɥ→y

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

ɥ→ɔa

Appendix 2 - Prior Frequencies

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

ɥ→w

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

j→a

ToDig.Excavare						
-	-	z	ʃ	a	v	a:-
e	s	k	a	b	a	r

j→d

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

j→g

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

j→f

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

j→dʒ

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

k^l→j

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

k^l→t

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

k^l→x

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

Appendix 2 - Prior Frequencies

$g^w \rightarrow k$

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

$g^w \rightarrow b$

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

$g^w \rightarrow dʒ$

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

$dz \rightarrow s$

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

$dz \rightarrow d$

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

$dz \rightarrow ʒ$

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

$dz \rightarrow dʒ$

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

$dz \rightarrow z$

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

$dz \rightarrow x$

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

$ç \rightarrow s$

Appendix 2 - Prior Frequencies

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

ç→f

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

ɹ→r

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

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		
ẽw	0250, 0303, 0077, 0303	63
kẽw kẽw grẽw grẽw mẽw mẽw nẽw nẽw		
au	0061, 0075, 032F	78
kauda kaude kaude aũdire auzi paũkus		
ea	0065, 032F, 0061	80
ṭeaṣṭa sṭea ṭʃeaṣṭa ṇea geaṣṭa ḅea vedẹa zaʃ̣ẹa sẹdẹa kạdẹa		
oa	006F, 032F, 0061	40
ḍoaṃn̄a f̄oaje sk̄oarts̄a fl̄oare c̄oada s̄oare pl̄oaje n̄oapte v̄oame kun̄oafte t̄oart̄e c̄oase apr̄oape		
ẽj	1EBD, 006A, 0303	46
nenẽj nenẽj nuvej kalizẽj kěj něj ẽj		
ẽu	1EBD, 0075, 032F	90
l̄ẽu		
aj	0061, 006A	55
paj paj ɔraj ajyɔw̄ 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 ma:ŋja: 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 makta:re maṭʃa: pugna:re kaptia:re caṭʃa: 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 java: ekskawa:re zjava: nata:re nada: naviga:re naviga: wola:re zvola: camina: ma:rʃi: ambita:re sedenta:re senta: sta:re sta: leva:re leva: alia:re alṭʃa: torna:re torna: gyra:re ḍʒira: ḍʒira: da: dona:re dona: appekto:ra:re frika:re frikta:re lawa:re lava: eksu:ka:re suja: limpida:re tira:re tira: pulsa:re pulsa: jakta:re lankea:re lanṭʃa: e:runka:re liga:re lea: apta:re komputa:re konta: e:numera:re numera:re numera: kanta:re canta: joka:re ḍʒuja: flu:ktua:re fluita:re ko:la:re gela:re glakia:re glaṭʃa: inglakia:re infla:re enfla: konfla:re zgloŋfa: krema:re flamma:re flama: flagra:re ustula:re la:tus de:lika:tus ma:l sua:wem illa:k		
ej	0065, 006A	58
pejʃi cavej okej seju pejtu sejʃu areje fejrak zejtar zejtar kejm̄ake istrejtu ḍʒirejtu trej		
e:	0065, 02D0	26
fe:mina be:stia se:men pe:l ste:l̄la pje:tra pje:re hare:n̄a 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 ḍʒaʃ̣e:re sede:re tork̄e:re tene:re e:runka:re e:numera:re intume:skere kre:ske:re arde:re omne:s de:lika:tus du:ze: fret ple:nus di:re:ktus korre:ktus tre:s 'tre:		
i:	0069, 02D0	38
mui:r mui:r mari:tus mari:t ra:di:kem ra:di:ke radi:ʃe radi:ki:na wi:wenda pi: pi:t fi:ka:tum ri:wus ri:pa:ria rivi:ɣ pi:ɣ ka:li:ginem si:ɣ ʃi:l̄ nif kammi:num mapi: sysi: respi:ra:re ri:de:re ri:dere ɣi:ɣ vi:ɣ aũdi:re uldi: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:dere ṭʃesi: teji: di:widere parti:re parti: neɟʒi: ma:rʃi: weni:re vi:ɣi: ho:si: streŋgi: pu:si: lanci: l̄oji: di:kere di:ɣ 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:ʒ ku:r lu:na plu:ʒ flu:men nu:be:s nu:bilus nu:l fu:ma:ta gelu: fu:mus fu:k dʒu: dʒu: su:gere tu:ta:ri tu:rne eksu:ka:re pu:si lu:dere flu:ktua:re ku:ʒ minu:tus minu:t du:ʒe: su:ti ju:f aku:tus retu:sus u:midus u:dus u:num ʃfemu:t		
Ń:	00F5, 02D0	76
sō:g		
Ø:	00F8, 02D0	72
flø:ʒ gø:j fø:t stø:l fø: bø:ʒ savø:ʒ 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 mēʒaʒ mēʒar ēdaʒ ēdar lēsa lēsar kētar kētar tētu tētu grēdʒi grēdi ěfu ěfu kwēdu kwēdu		
ã	0251, 0303	41
āfā efā seʒpā sēmās vjād sā dā ʒāb vātʒ pās ātʒaj vā sādʒ ā ā lāg māʒe pāse sātʒ fādʒ etādʒ lāse fāte ʃfāte āfle ēsādʒe gʒā gʒā āpl kā kōmā dā		
oj	0254, 006A	16
nojs vojs foj loji:		
ɔ:	0254, 02D0	73
ʃɔ: kɔ:ʒ ɔ:m pɔ:rti hɔ:si bwɔ: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 pwēdk̄ ep̄ēdk̄ et̄ēdk̄ ēsādje plē vwazē lwētē kōmē		
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 maki 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 karni 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 pena 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 savalōn 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 mōntajne dia zōņa zōņa diurna:ta xornada đornata đornade annum aŗo anno aŗ aŗ an ling ^w a lenggwa lingwa manduka:re mandukar mandgare mēzəŗ mēzəŗ məŗza maŗi: maŗja: 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 pēsəŗ pēsar pənsa pəsa ulura odorare fragrare fejraŗ fejrar fləjra tremare dwaŗmi via nəga neka anegar annegare makta:re mate matar mataŗ mētar mēta maſfa: pupar pupjare pupa battuere batŗ batir battere baterŗ batrə bate bati bate kaptia:re fase kaθar kattfare kasəŗ kəsar kəsa caſfa: puxar pulsare puŗaŗ puŗar pulsa segar segare segaŗ siŗar səŗa kortar koŗtaŗ kurtar skortare skurta taxar tałłā:re tałāŗ tēłāŗ təłā taja: taja parti:re paŗtiŗ partir partire paŗtjūŗ parti: se:para:re separar separare separaŗ sipəŗar səpəŗa		

Appendix 4 - Words containing each segment

gordo lurdus lerdo lordo lerdo lerdo menudo miudu de:lika:tus du:ze: delyađo delikato dewgadu deŷyađu dəlikat kalidus kalso kalso kawdu kaldu kald fri:gidus freddo putridus putrido putred podri sordidus sordido sordidu sordidu dire:ktus dŕwa dritto direjtu drēt drō: drēt drept rotundus redondo ritondo rēdōdu řidōdu řado řatund nitidus neted u:midus umido umid umed u:dus ud adpropre dekstrum djestro dastro dastro dęstru dęstru destrā djestri wiridem berde verde verdi verdi verde duo:s dō dos dojs dojf dos dō: doj doj duaj due dowā duas duēs duēf k^wid k^wando: kwando kwando kwēdu kwēdu kwand kind k^wo:modo ad deintus dā dins k^wod

e

0065

0

ego: ew ew jew usted vose vōse voste embra femmina femēv femjē fembra femeje mulierem muxer mołłe mułeḡ mułer mułe mujere dōne infantem infante fante nenēj nenēj nen epuz esposa mulier muxer mołłe mułeḡ mułer mułe mujere epu esposo ma:trem mēḡ mađre ma:dre mer patre pēḡ pađre pa:dre nema:l nōmajē piskem peḡ peŷŷe pēf peŷte awem abe awikellum useł passerem passero pasāre kanem kane kijne pēdukłus pedoli pēdukje serpentem sēḡḡā serpjente serpente sēḡḡēfŷi sēḡpen ŷarpe wermem vēḡ berme verme vēḡmi vermi vjerme arborem albero arbore selba selva selba selve se:men seme sementis simjente semente semēfŷi sāmen sementŷe fwee fōaje frondea ra:di:kem ra:di:ke radi:ŷe kortikem kortiŷe kortikea kortēḡa kortetŷa kortēa ekōḡs skwartse flo:rem fjo:re floare herba jerba ēḡvē erbā jarbe gra:men fu:nem fune funje restem ḡēfŷi kotenna pellem pjel pelle peli peł pjele karnem karne karne karne wi:wenda bibjenda sang^winem sangre sangwe sindŷe weso adepem adipe gref webo kwerno penna peḡa penna penē penē pen pēne pelo pelo pelu kabējo kapello kabelu kēḡelu kaḡēḡa kavetŷsa kabesē kēḡesē testa testā teste orexa orekkja orełē orele ureke ne ne nariŷe gōle dentem djente dente dinte ungje pedem pje pje pje:de piez jambe perna pjerna petiolus peḡiolo genikulum zuełu đenoli đenunk^l el el ale wentrem bjentre bentrā vintre pantikem pantse pintēŷe intera:nea entrāḡa kwejo dwes epol espalda spate seno seno sen pektus peŷfo pjept kwāre anime fegato feđḡa so:lem sole sqare soreli lune etwal estreja stella istrelē iŷtrełē stēle age ploje plōaje flu:men fjume řivjēḡ mare mare mēḡ mare sa:lem sale se sare petra pjeḡ pjeḡra pedrē peḡrā pje:re lapidem laude lapide arena ārenā pulwerem polvere pulbere terra tēḡ tjera tēḡ tjere nube nube ka:li:ginem kaliđŷine nebula njebla nebbja newlā negurā tene:braj tē:nebre tene:bra:s teneḡ tinjeblas tē:nebre tēnebrās fyme fumate ḡjelo tŷer wentum bjento ben niwem njebe neve new gelu: jelo đer glatŷe fwego kinerem tŷenere ḡeniḡa tŷenuŷa estrada montem monte monte monta:nea montāḡe noctem noŷŷe nōtte nōapte zuḡne đzornade no:men no:me nume no:minem nombre lengwa bibere beber bere bebeḡ biŷer bevi komedere komer kome kumer manduka:re mōḡe mandŷare morder:re morđer mōrdere mōrdēḡ murđer morsika:re morsikare murseka su:gere syse suđŷe konspuere kōspye eskupir sputere esputar sputare womere vōmere vōame suffla:re sufle soffjare sufle respi:ra:re respirar respirare řespirar respira: ri:de:re reir ri:dere ride wide:re ber vedere vēḡ ver vedēa auđi:re udire ski:re sapere saber sapere sabēḡ sēber kogno:skere konoḡer konoffere kopeseḡ kupiser kunōaŷte ko:gita:re kūide kođŷitare kuđžeta pe:nsa:re pāse pensar pensare pēse peḡsa: sentire sentir sentire ole:re oler olire odo:ra:re odorare fragra:re flēḡe fragrare time:re temer temere temēḡ timer temā temi teme tremere tremar tremare tremēḡ trimer dormi:re dormire wi:were vivere viveḡ viver morire mōvēḡ muvēr neka:re nwaje neka anegar annegare tŷe tuwe makta:re mate okki:dere utŷfidere utŷfide pugna:re puḡḡare battuere battere bateḡ beter bate bate kaptia:re fase katŷfare pulsa:re puse pulsare seka:re sje segar segare segaḡ sea: kurtā:re ekskurta:re ekuḡte skortare ta:lia:re tōje tałłā:re di:widere dividere divide skindere sēde jindere findere ender fēndere fēdeḡ fēder parti:re partire se:para:re sāvē separar separare separaḡ separa: separa pungere puḡḡere puḡḡe jugula:re zygyale jugula:re ra:dere raer radere řaēḡ řaer rade řaze rasare fodere kawa:re řāve kavare ekskawa:re eskabar skavare nata:re nwotare naviga:re naze nabegar navigare wola:re vole volare vōle zvolare řamine kamm

inare tŷimine maŷŷe mergere merđere merđŷe ambita:re andare weni:re benir venire veni ekstendere etāḡḡ ekstender estendere istēdeḡ iŷtēder āstendrā ekstinde jake:re zezir jaḡer đŷaŷŷe:re zēzēḡ zēzer đŷere jesi sede:re ser sedere sēḡ ser ŷedēa sedenta:re sentar senta: sta:re estar stare leva:re lōve jebar levare levaḡ lōve leva: altia:re ose altsare torna:re tuḡne tornare tu:rne gyra:re zivē đŷirare viḡe virare viḡe tork^w:re torḡer torŷŷere turser turser tōartŷe kadere kaer kadere tŷjade tōbe tume dare dare dona:re dōne donare dine tene:re tener tenere tēḡ ter tsine segurar eksprimere epḡēḡḡ ekspremir spremere iŷḡḡēmēḡ iŷḡḡēmēḡ āspremā esprimi skreme serrere serar seḡa serare seḡe ḡerar serrare sere appektora:re apreḡar stringere etḡēḡḡ estrepir strindŷere stringe strindŷe frika:re řŷeje fregar fregar frea freka frika:re řvōte frettare řvōte lawa:re lave lavare lave tergere terđŷere ekstergere estarsir řterđŷe eksu:ka:re esūije enxugar affugare suwe limpida:re tira:re tiḡe tirare tire pulsa:re puse pulsare trahere trarre traze trēzer trađŷe impingere impindŷere impindŷe jakta:re zōte eŷŷar đžettare đžete lankea:re lāse lanŷfare ē:runka:re arronŷfare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kuŷŷire kuzer kuzer ḡōase komputa:re kōte kontare kōte ē:numera:re enumeḡe enumerar enumerare enumerar enumerar enumera numera:re nōḡe novurare numera numera: di:kere deḡir dire dizer dizer ziŷŷe ekspo:nere sporre spune kanta:re řāte kantare řŷāte lu:dere jōka:re zve đžokare đžuwe flu:ktua:re flyktŷe fluttuare fluita:re fluitare fluere flye fluire kōla:re kule kolare kōle ekskurrere eskurir skorrere iŷkōvēḡ iŷkurer skurđŷe kurrere korer korrere kōvēḡ kuḡer kurdŷe gela:re zōle elar đželare đžale glakia:re glase gŷatŷfare inglakia:re ingetsa infla:re āfle enfiare ēfle enfla: konfla:re gōfle gonŷfare gōfle intume:skere entumeḡer itumeser itumeser kre:ske:re kreḡer kreŷŷere kreḡeḡ kriŷer kreŷ kreŷte krema:re kḡame kemar kremare kējmare kējmare flammare arde:re arder ardere aḡdeḡ erder arde flagra:re flagḡe flagrare inkendere ēsāđŷe enḡender inŷŷendjare iŷendŷar ānsendrā inŷŷindŷe ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espeso spesso

Appendix 4 - Words containing each segment

ifpesu grabe greve grew grew lerdo lerdo lerdo pekepo pekenu pikenu brewis brebe breve brew bʁef etʁwa estretʃo stretto menudo delyaðo delikato dewgadu subtillem sottile subsire reθjente reʃjente ʁesēʃi ʁesēʃi retsint reʃfe ʁeno nweβo wetulus bjexo veʎu veʎ vjei vekʲ bwenno putred putrem poðre drept redondo ʁedodu hebetem ebete retu:sus retuzo sua:wem soave netto neted umed seko sekko seku seku sek korretto proizme adpropre aprɔape pressus pʁe beθino vetʃin θerka dekstrum djestro destrə djestri sinjestro sinistro sijestri vermikulus bermexo vermiʎʎo vɛrmeʎu rubeus rubeo rubeo ruðʒe wiridem vɛʁ berde verde verdi verdi verde galben amarellus krokeus krotʃeo due tres tre tres tref kʷi:ɪnkʷe ʃɪŋkwe ekkumhi:k kʷem kjen ʃfine ke ke ʃfe ʃfe kome ʃfemu:t nek ne en deintus avek et e e e e ke ke ke

f

0066

25

fe:mina fam femmina femev femje fembra foem femine femeje infantem āfā infante fante ifēʃi ifēti efā fru:ktus fʁuʃi fruto frutto frute frute frujt fʁy frut frukt folia fœj fɔʎʎa foʎe foʎe fuʎə fɔj fwee fɔaje frondea frondza frōse frōse frunzə flo:rem flœʁ flor fjo:re floʁ flor flɔ flœʁ flor: floare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato figedu fiyedu fedʒə fœ:t fija:t fikat flu:men fjume flumi flumi flum fu:ma:ta fyme fumata fuma:ta fumasə fumasə fumate ni:f ne:f fu:mus fumo fumu fumu fum fum fukum fə fwego fwoko fogu foyu fɔk fə: fu:k fok suffla:re sufle soffjare sufle sofʎa: sufla fra:gra:re flœʁe fragrare flœjra findere fādʁ fendere fēdɛʁ fēder fendrə fēt fodere fwix frika:re fʁeje fregar fregare frəʒa froj frea freka ifʁigʁar ifʁigʁar frikta:re fʁote frotar frettare fʁote frisar frəsa flu:ktua:re flyktʃe flugtwar fluttuare flutuak flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwix flwir flui infla:re āfle enfiare imfla ēfle enfla: umfla konfla:re gōfle gonfjare gōfle zgloŋʃa: flamma:re flame fjammarə flama flama: flagra:re flagʁe flagrar flagrare flagʁaʁ flagrar gʁijef bʁef bʁef fri:gidus fɪʁwa frio freddo friu friu frēt fɪrwe frēt ɲu:f

h

0068

61

pehō u:hə: herba hare:na kinɔh hɔ:si: trahere hebetem ekkumhi:k abhoc

i

0069

7

io no:i voi fe:mina femmina femine mulierem domina infantem infante ifēʃi nijo nino ispoza mulier maʁi mariðo marito maridu meriðu marit mærit ispozu sokius mari pari animalia alimajna be:stia biʃfa biʃe biʃe bis piskem pejʃi avi awikellum pidokkjo pioʎu pioʎu pedoli seʁpēʃi sarpint vɛrmi aɔvori silwa fʁuʃi sementis simjente semēʃi simēs grin folia raiθ ʁais ʁeʃ ʁadi ʁasin rədaʃɪnə kortikem kortiʃe kœʃʃisi kœrtisi kortikea kœʃʃise kurtise rista ʁeʃʃi kodʒie kodie peli kaʁni bibjenda vivanda vivēda vivēde sangʷinem sēgi adipe pilus kapillus ʃɪvja kapitia o:rikla voli nariθ nariʃe naris neriʃ dēʃi dint dinte piez petiolus peθiolo pitʃɔlo pitʃor genikulum inoxo ɟinɔkkjo ɟinɔ ɟenoli vintri vintre pantikem intera:nea ifpadwə ifpadwə sinus si pi pit anima anime inimə iyaðo figedu fiyedu fija:t fikat solikulus soreli istreʎe pluwia plɔʃi flumi rio rio ʁiw ʁiu riw ri:pa:ria ʁivjɛʁ rivi:ʁ lapidem lapide arinə nu:bilus ka:li:ginem kalina kalidʒine kalizēʃ keliʒēʃ tinjeblas kajkia 'vint niwem nevi kinerem θeniθa ʃɪnize wia bia via vie vie biə istrade iftraðe kamino kammino kemijnə kəmi mōʃi nɔʃi nit die:s dia di die die diə di zi diurnum diurna:ta nomi no:minem lingʷa lingwa limbə bibere bevi mwardi morsikare morsikare kuspiʁ kuspʁir eskupʁir əskupi vomix vo:mi respirar respirare ʁespʁar ʁiʃpʁar ʁəspira respira: ʁix reir ʁix ʁir riwɾə ridi wide:re vjodi wix oir udire owvix owvir ui auzi ʃti kinɔh koʁosi ko:gita:re kɔide kwidar kodʒitare kuzitaʁ kuzitar sātix sentir sentire sēʃɪʁ sētir sənti sēti sinti: simtsi olire time:re temi trima: dœmiʁ dormir dormire dœmiʁ durmir durmi dwaʁmi dormi vivʁ bibir vivere viveʁ viver biwɾə vivi via muʁix morir morire muri mœri muri tu:tari əksix uttfidere uksi utʃide batir bati kaptia:re ta:lia:re di:widere dibidir dividere ɟividiʒix dividiðir dibidi dividi divide skindere findere findere pætiʁ partir partire pæʃʃix pærtir pærti pœ:rti pūʒix pūʒir pupi fwix iʃkeʁaʁ iʃkeʁar naviga:re navigare naviga: naviga ʃəmine kaminar kamminare kəmiʁaʁ kəmiʁar kəmina ʃɪmine camina: ambita:re vœniʁ benir venire viʁ vir bœni vini vɪni: veni istēdɛʁ iftēder ekstinde zezix jesi altia:re zixə xirar ɟirare ʒirar ʒira ɟira: viʁe birar virare virar ʒirar bira viʁe ɟira: keir keir dine tœniʁ tœni tini tinji tsine eksprimere ekspremir ifpʁœmɛʁ ifpʁœmer esprimi stringere estreɲir strindʒere əʃtrɪʒir əʃtrɪʒir stringe frika:re frikta:re frisar estarsir əstərʒi esʃije limpida:re limpjar tira:re tiʁe tirar tirare ʃira tirar tira tire tira: impingere impindʒere impindʒe xita liga:re lie ʎiʁa kuʃire kuzi kuzi diʁ deθir dire dizer dizer di ziʃe ludir fluita:re fluitare fluir fluire flwix flwir flui eskurir iʃkoʁɛʁ iʃkurer kuʁix kœri kori glakia:re inglakia:re infla:re infar enfiare imfla intume:skere inkendere inʃfendjare inʃfindʒe opɲi altri alius grēdʒi spissus ispesu ifpesu grawis gʁijef gravi gravi pittitus pæti pætiti piti 'pittinus pittino putsin pitulus pikkolo pitʃul brewis brevi striktus istrejtə minu:tus minuto miudu miuðu minu minut delika:tus delikato dəlikat sutil sottile sutʃiw sutʃiw suptil su:ti subsire kalidus fri:gidus friu friu ʁesēʃi ʁesēʃi retsint plin vɔi putridus poðriðo putrido puðrit podri sordidus sordido sordido sordidu sordidu ispurku dritto ɟirejtə direjtə ritondo nitidus niðio u:midus umido umid sikkus proksimus proximo pʁɔssimo prosimu prosimu proizme prosim beθino viʃʃino vizijnə vizijnə bæi vizē viʃʃin vetʃin kirka djestri sinistrum sinjestro sinistro sijestri vermikulus vermiʎʎo wiridem galbinus amarijo kwatri θinko ʃɪŋkwe sinʁ ʃɪŋk ʃɪŋʃ isi aki kwi aki əki aki illa:k ibi:

vi ai ai ei kʷis ki ki ki kwi ʃfine kʷid ki ni ni ni in in deintus dins i i i i si si si si si ʃi ki

Appendix 4 - Words containing each segment

j 006A 12
jo jew femjə femeje mujere mujere omaj nəmaje utʃjel ʃjē pjoxo pidəkkjo pju pədukje serpjente sjəxpē vjer vjer vjerme
frujt simjente fəj fəaje fjo:re jep jarbe jarbə funje pjel pja pjel pjele vjəd bibjenda pjuma ʃʃivja orekkja ɔj ɔkkjo u:j gəj
djente ungja ungje pje pje pje:de pjerna pitʃjor ɟinəkkjo bjentre ɔtʃaj pjept fija:t jubja pjoddʒa ploje pləaje fjume Ɂivjə
pjəʃ pjeðra pje:tra pje:re pjatrə so:vjō sabbja tjera tjere njɔly njebla nebbja tinjeblas sjel ʈjelo bjento njebe gjaʈʃa djurno
skujpa soʃʃjare vjodi kujda fləjra sje taje teji: taja: taja jugula:re jugula:re jake:re jesi ʈʃjade tinji esujje suja: limpjar
jakta:re joka:re ɟuja: gjaʈʃjare gonʃjare ʃjammare ɛsədje intʃendjare isədjar majjo:rem ampjo Ɂəjef reʈjente pje:no vjō bjexo
vekkjo vjei djestro djestri sinjestro rubjo rəbbjo kjen

k 006B 50
sokius piskem awikellum kanem kan kane kēw kēw ka kijne peduklus pidəkkjo pədukje fru:ktus frukt ra:di:kem ra:di:ke
ra:di:ki:na kortikem kortiʃe kəʃʃisi kərtisi kortikea korteθa kortetʃa kəʃʃise kurtise skortea ekəʃ skərtsa əskərsə skwas
skwartse skqartsə kwan kotenna kodʒie kodie konnə karnem karne karne kəni karni karn karn saŋk kəʃ:ɟ kornu: kəʃn
kwerno korno kəʃnu kornu kəʃn kwen kwa:ʀ korn kaʈda kə kola koda kaʈde kaʈde kua kəw kəde kapillus kabejo
kapello kabelu kəʃelu kəbeʃ kapitia kəbeθa kavetssa kabese kəʃese kap kap o:rikla orekkja ureke okulus ɔkkjo bukka
boka bokka boke boke bokə bək bukə kambə pəkol genikulum ɟinəkkjo pantikem kollum ku kwejo kollo kəlu kəlu kəʃ
kwel pektus kor kəʃ kəʃre kəʃ kor kor ku:ʃ ku:ʃ fi:ka:tum fikət solikulus akkwa lakum lak ʃak lak lak saksum
ka:li:ginem kalina kalidʒine kalizēj kəlizēj kajkia kajlum fokum fwəko fək fu:k fok kinerem kammi:num kamino kammīno
kamjnu kəmjnu kəmi komedere komer kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka
konspuere kəʃpye kuspis kuspis eskupis əskupi skujpa ski:re kogno:skere kənetʃ konoθer konoffere kəʃese kəʃiser kuneʃə
kinəʃ kəʃosi kəʃaʃte ko:ɡita:re kəide kwidar kodʒitare kuzitaʃ kuzitar kujda kuʒeta kədeʃ neka:re neka makta:re
okki:dere ɔksis uksi kaptiare kaθar kəʃjare kasə kəsar kəsa seka:re kurtare kortar kəʃtaʃ kurtar ekskurta:re ekuʃte
skortare skurta: skurta skindere raskar Ɂəʃkaʃ Ɂəʃkar rəska kosaʃ kusar kawa:re kabar kavare kəʃaʃ kəʃar kəba
ekskawa:re eskabar skavare iʃkəʃaʃ iʃkəʃar kaminar kamminare kəmjnaʃ kəmjnar kəmina ekstendere ekstender ekstinde
jake:re kadere kaer kadere kəir kəir kawra kədeʃ eksprimere ekspremis skreme appekto:re frika:re freka frika:re
ekstergere eksu:ka:re uska jakta:re lanke:re e:runka:re arankar aruŋka ko:nsuere kudə koser kufire kuzer kuzer kuzi kəʃ
kuzi komputa:re kəte kontar kontare kətar kətar kumta kəte konta: di:kere ekspə:nere kanta:re kantar kantare kətar kətar
kənta kinta joka:re ɟokare zuka flu:ktua:re flyktʃe fluktua ko:la:re kule kolar kolare koaʃ kuar kuʃa kəle ekskurrere
eskuris skorrere iʃkəʃe iʃkureʃ əskorə skori: skurde kuarre kuʃis korer korre kəʃe kuʃer korə kəri kori kurde
glakia:re inglakia:re konfla:re intume:skere kre:skere kəʃwatʃ kreθer kreʃfere kresəʃ kriʃser krefə krefte krema:re krame
kəmar kremare kəjmare kəjmaʃe krəma inkendere okəʃ alkuno paʃkus poko pəko powku powku pək pə:k lunk ʃark lark
krassus pekeʃo pekenu pikenu pikkolo kurtus kuʃ korto korto kuʃtu kurtu kurt ku:ʃ kurt striktus de:lika:tus delikato
dalikat kalidus kaldo kaldo kawdu kaldu kaʃ kald rekentem vekkjo sporko ispuʃku iʃpuʃku spərk spurk di:re:ktus aku:tus
sikkus sek seko sekko seku seku sek sek korre:ktus korretto proksimus wi:ki:nus kirka θerka dekstrum vermikulus
krokeus krotʃeo grək katʃ kwatro kwattro kwatru kwatru kwatrə kwat kwatri sək θinko ʃiŋkwe siku siku siŋk sək ʃiŋk
ekkumhi:k aki kwi aki eki aki illa:k ki ki ki ki: kwi kjen kēj kēj kwa ke ke ki ki kə kwe: kə kwando kwando
kwədu kwədu kwan kwand kwant kind kəmə komo kome komu komu kəʃ kəʃe kum nek kum kon kon kə kə ku
avek si:k kə ke ke ki ki kə ki: ke kə

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mulierem mulier animalia alimaja nema:l awikellum utʃfello utʃjel peduklus pedoli aʃbol albero arbul silwa selba selva
selba selve pa:lus pal palo palo pal pa:l folia ərel flo:rem floʃx flor floʃx flor flə floʃx flo:ʀ floare pellem pjel pelle peli peli
pjel pjele kola plu:ma plym pluma plomə pləm plume pilus pwal pelo pelo pelu pilu pel pe:l kapillus kapello kabelu
kəʃelu o:rikla orele okulus voli gula gəʃ gola gola golə gole ungula ɔgl ɔŋgule petiolus peθiolo pitʃolo pəkol genikulum
ɟenoli a:la el ala ala alə el ale kollum kollo kəlu kəlu kwel spatula epol espalda spalla spal spale alma alma alme
so:lem sol sole səl səl solikulus səʃej soreli lu:na lyn luna luna lue lue lən lune lunə ste:lla etwal stella istrele iʃtrele
əstəl stə:l stele pluwia plʃi pluzə plu:ʃ ploje pləaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak la:t lak
sa:lem səl sal sale sal sal sa:l lapidem laude lapide sabulum sabl savalon sabula pulverem polvere polvar pulbere pulwus
polbo pols nu:bilus nublo nuvola nuvol nu:l ka:li:ginem kalina kalidʒine kalizēj kəlizēj nebula njɔly njebla newlə tinjeblas
kajlum sjel ʈjelo sel ʃi:l gelu: zəl jelo ɟelo glas glas gles glaʃe lingʷa ləg ləŋgwa lingwa ligwə ligwə ləu ʃeŋge
limbə suffla:re sufle sufle sofla: sufla uldi: olere oler olire ulura fləʃe fləjra pulsa:re pulsare pulsa: pulsa ta:lia:re jugulare
zygyle jugula:re wola:re vole bolar volare bula vəle zvolare zvola: levara ləʃe levare leʃaʃ livar ləʃe leʃa: lua alti:re
alθar altsare əlsa altʃa: lawa:re lave laʃar lavare leʃar leʃar lave lava: la limpida:re limpjar lipar lipar pulsa:re pulsare
pulsa: pulsa lanke:re ləʃe lanθar lanʃjare ləʃa ləʃar lanci: lanʃja: liga:re lie legar legare ləʃi: lea: lega lu:dere ludir
flu:ktua:re flyktʃe flugtwar fluttuare flutuəʃ flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwiʃ flwir flui

Appendix 4 - Words containing each segment

ko:la:re kule kolar kolare kole gela:re zole elar dɛlare zilar zilar zola dɛale glakia:re glase glasa glatɕa: inglakia:re infla:re
 ʔfle imfla ɛfle enfla: umfla konfla:re gɔfle gɔfle zgloŋfa: flamma:re flame flama: flagra:re flagse flagrar flagrare flagɕa:
 flagrar ustula:re ustolare multus molto molc mult alguno alkuno ɛlgu alter altro altrɛ altri alt alius longus lɔ longo
 lungu lɔgu lɔgu lɔ lunk lung largus larɜ laryo largo larɜgu largu lark larg la:tus le lato lato latu latu lat amplus ʔpl
 amplɔ lurdus luɕ lerdo lordo lerdo lerdo pitulus pikkolo piɕful de:lika:tus delyaɔo delikato dɛlikat subti:lem sutil sottile
 suptil suti:l kalidus kaldo kaldo kaldu calt kald ple:nus plɛ plɛ plɛn plin wetulus malus mal malo malo mal ma:l lwɛtɛ
 lontano lontan vermikulus galbinus galben amarellus ɛmarelu ɛmerelu albus albo albo alvu alb alb illa:k la la la la la

m

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fe:mina fam embra femmina femɛv femjɛ fembra fɛm femine femeje mulierem muxer moʔʔle muʔɛɕ muʔɛr muʔɛ muir
 mujere domina dam dɛm dɔamɲa infantem mulier muxer moʔʔle muʔɛɕ muʔɛr muʔɛ muir mujere mari:tus maɕi mariɔo
 marito maridu mɛriɔu marit marit mɛrit ma:trem mɛɕ madre ma:dre mɛj mɛj marɔ mer mari animalia omaj alimajɔ
 nema:l nɛmajɛ piskem awem awikellum passerem kanem serpentem wermem berme verme vɛɕmi vermi vɛɕm vjɛrme
 arborem se:men seme sementis sɛmɛs simjente semente semɛɕi simɛti sɛmen simɛs sementɕɛ sɛminɕɛ gra:num ra:di:kem
 kortikem flo:rem gra:men gɕamen grama grɛmɛ grɛmɛ gram fu:nem restem pellem karnem sang^winem ossum adeptem
 o:wum plu:ma plym pluma pjuma plomɔ plɔm plume dentem pedem gamba gamba gamba kambɔ jambe gamba
 genikulum manum mɛ mano ma:no mɛw mɛw mɛ maɲ minɔ wentrem pantikem kollum dorsum anima ʔm alma alma
 awmɛ almɛ ɔ:m anime inimɔ fi:ka:tum so:lem flu:men fjume flumi flumi flum lakum mare mɛɕ mar mare maɕ mar mar
 mɛɕ ma:r mare sa:lem saksum lapidem sabulum pulwerem ka:li:ginem fu:ma:ta fyme fumata fuma:ta fumase fumase
 fumate kajlum wentum niwem fu:mus umo fumo fumu fumu fum fum fokum kinerem kammi:num ɕɛmɛ kamino
 kammino kamɕju kemɕju kɛmi montem mɔ monte monte mɔɕi mɔti mun mɔnt munte monta:nea mɔtaɲ montajɔ
 montajɔ mɔtɛɲ mɔtɛɲ muntajɔ mɔtaɲ montajɛ noctem diurnum annum no:men no:me nomi nomi nɔm nume
 no:minem nombre limbɔ komedere komer kome kumer manduka:re mɔze mandukar mandɕare mɛzaɕ mɛzar mɛɜa maɕi
 maɲja: minka morde:re moɕɕ mɔɕɕ mɔɕɕere moɕɕ mɔɕɕer mwardi morsika:re moskar morsikare musɛga musɛgar
 musɔɲa murseka womere vomɕ vɔmere vɔ:mi vɔame simtsi time:re temer temere temɕ timer temɔ temi teme tremere
 tremɛr tremare tremɕ trimer trima: dormi:re dɔɕmɕ dormir dormire dɔɕmɕ durmir durmi dwaɕmi durmi: dormi muɕiɕ
 morir morire moɕɕ muɕɛr muri mɔri muri: muri makta:re mate matar mataɕ metar mɔta maɕja: ɕamine kaminar
 kamminare kemɕɕ kemɕɕar kɛmina ɕimine camina: maɕɕe ma:ɕɕi: mergere mɛɕɕere mɛɕɕe ambita:re tumbɔ tumba tume
 eksprimere ekspremir spremerɛ iɕprɛmɛɕ iɕprɛmer ɛspremɛ esprimi skreme limpida:re limpjar impingere impinɕɛre ɛmpɛɲɔ
 impinɕɛ komputa:re kumta e:numera:re enumeɕe enumerar enumerare enumerar enumerar enumera numera:re numera
 numera: numara imfla umfla intume:skere entumeɔer itumeser itumeser krema:re kɕame kemar kremare kɛjmare kejmame
 krɛma flamma:re flame ɕjammare flama flama: omne:s multus mu muɕo molto mɕjtu mɕjtu molc mult magnus majɔ
 majɲo grandem majjo:rem mare amplus ampjo amplɔ strimt minu:tus mɔny menudo minuto miudu miuɔu manut minu
 minu:t mɛrunt subti:lem rekentem malus mal malo malo maw maw mal mɔ: ma:l putrem hebetem sua:wem u:midus
 umido umid umed proksimus proximo prɔssimo prosimu prosimu proizme prosim dekstrum sinistrum vermikulus vɛɕmɛj
 bermexo vermiʔʔo vɛɕmɛlu vɛɕmɛjɕu bɛrmɛʔ wiridem amarellus amarɕjo ɛmarelu ɛmerelu u:num ekkumhɕik k^wem
 k^wo:modo kɔmɔ komo kome komu komu kɔm kɔmɛ ɕfemu:t kum kum

n

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no:s nu nos no:i nɔjs nɔɕ no no: noj fe:mina femmina femine domina dɔnna done done dɔnɔ done dɔamɲa infantem
 infante fante nɕɔ nino nenɛj nenɛj nen sponsa sponsus animalia nema:l nɛmajɛ kanem kan kane can kɕjne serpentem
 serpente serpente sɔrpen sarpint se:men sementis simjente semente sɛmen sementɕɛ sɛminɕɛ gra:num gɕɛn grano grano
 grin gran frondea frondɔa frunzɔ ra:di:ki:na ɕasin rɛsɛn rɛdɔɕɕina gra:men gɕamen fu:nem fune funje kwan kotenna konɲa
 karnem karne karne kaɕni karni karn karne wi:wenda bibjenda vivanda sang^winem sangwe sinɕɛ kornu: kɔɲ kverno
 kɔno kɔɲu kornu kɔɲ kwen kɔɲ penna pen penna pene pen pene panɔ na:sus ne naso na:so nas ne na:s nas
 nariɔ nariɕe naris nɛɕ na:ɕis dentem dɕjente dɛnte dinte dinte ungula ungja ungje perna pjerna perno pɛɲɛ pɛɲɛ pɛɲɔ
 genikulum zɔnu inoxo ɕɕinɔkkɕo zɔnoʔ ɕɕino ɕɕenoli ɕɕenunk^l manum mano ma:no minɔ wentrem bjentre bentrɔ vintri
 vintre pantikem panɔa panɕa pantse pintɕɛ intera:nea entrɔɲa ɛntrɔɲa sinus seno seno sen san anima anime inimɔ lu:na
 lyn luna luna ʔunɔ lɔn lune lunɔ flu:men hare:na arena ɛrenɔ arinɔ savalon nu:be:s ny nube nube nuvɛj nuvɛj nu:bilus
 nublo nuvola nuvol nu:l nor ka:li:ginem kalina kalidɕine nebula nɔly njebla nebbja nɛvwɛ nɛvwɛ newlɔ negurɔ tene:braj
 tɛ:nebre tene:bra:s teneɕ tinjeblas tɛ:nebre tɛnebrɔs wentum bjento vento ben 'vint vint niwem njebe neve nɛvi nɛvi new
 ni:f nɛf nɛa kinerem ɕenere sɛndrɔ ɔeniɔa ɕinɕɛ ɕenɔɕ kammi:num kamino kammɔno montem monte monte mun mɔnt
 munte munta:nea montajɔ montajɔ muntajɛ noctem nɕi noɕɛ nɔtte noɕti noɕti nit nyt nɔapte diurnum dɕurno
 ɕorno zɔɲ zɔɲna zɔɲna diurna:ta zɔɲne xornada ɕornata dɕornade annum anno ɛnu ɛnu an no:men nɔ no:me nomi
 nomi nɔm nɔ nɔɲ nume no:minem nombre ling^wa lingwa 'lɛnge manduka:re mandukar mandɕare minka konspuere
 kogno:skere kɔnɛɕ konoɔer konoɕɕere kuneɕ kinɔh kunɔɕɕte pe:nsa:re pensar pensare pɛnsa senti:re sentir sentire sɛnti

Appendix 4 - Words containing each segment

sinti: neka:re nwaje naga neka anegar annegare pugna:re skindere findere findere ender fendere fendra pungere pundere pundze nata:re nadar nwotare nada:re nedar nada nada: naviga:re naze nabegar navigare naviyax neviyar nabaga nedzi: naviga: naviga samine kaminar kamminare kamina fimine camina: andar andare weni:re vanix benir venire bani vini veni ekstendere ekstender estendere astendrar ekstinde sedenta:re sentar senta: torna:re tunne tornar tornare toznax turnar turna tu:rne torna: turna dona:re done donar donare duna dine dona: tene:re tanix tener tenere tani tini tinji tsine stringere strindzere stringe strengi: strindze enxugar impingere impindzere impindze lankea:re lanthar lanthare lansa lanci: lantha: e:runka:re arankar arronthare ko:nsuere kontar kontare konta: e:numera:re enumere enumerar enumerare enumerar enumerar enumera numera:re nobre noverare numera numera: numara ekspo:nere spune kanta:re kantar kantare kanta canta: kinta inglakia:re ingetsa infla:re infjar enfiare enfla: konfla:re gonfjare intume:skere entume:ther inkendere enbender infjendjare isendzjar ensendrar infjindze omne:s tantus tanto tanto tant tanc alguno alkuno magnus grandem grande grande gran grant longus longo lungo lunk lung anfo 'pittinus pittjino pekenu pikenu putsin angustus angosto angusto minu:tus many menudo minuto manut minu minu:t marunt rekentem rethjente refente retsint ple:nus leno pje:no plen plin nowus nuvo nwebo novo novu novu now nove now bonus bweni bwa:no ban ban bun rotundus redondo ritondo taront ratund nitidus net nido netto nedzu nedzu net net neded wi:ki:nus befino vijino vijin vejfin lontano lunta lontan sinistrum sanestx sinjestro

sinestro galbinus zon dzen galben u:num uno uno un unu kwi:nkwe thinko ffinf kjen fjine kando: kwando kwando kwan kwand kwant kind non no non new new no no no nu nek ni ni ne nej nej ni ne in en in en deintus dins kon kon

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jo io jo nos no bos vof vos vose voste molle domina doja done done nijo nino sponsa esposa ispoza ifpoze molle mariio marito sponsus esposo spzo ispozu ifpozu sokius sofo sots omaj wazo utfello paxaro passero pjoxo pidakkjo pio:lu pio:lu pol pedoli arborem arbol albero avori arbore palo palo fruto frutto grano grano folia oxa folle folle frondea fronda kortikem kortije kortikea kortefa kortetja kofjise skortea ekox flor flox flor kotenna kodjie kodie konna po ossum weso osso osu osu os webo wovo ovu ovu ow kornu: kwerno korno konnu kornu korn kola koda ploma pelo pelo kabejo kapello oxej orexa orekkja orele orejle orele okulus oxo okkjo o:lu o:lu voli okl naso na:so boka bokka bokke bokke bokka gola gola golle perno petiolus pebiolo pittjolo pekol pitjor inoxo dzinakkjo zano: dzanol dzenoli mano ma:no kolum kwejo kollo dorsum do dasso dos do epol seno seno pefo petto kor kor iyaio fegato sol sole solikulus soreli o pjodda ploje rio rio lago lago sasso sor polvere polbo pols nublo nuvola nuvol nor thjelo fhelo bjento vento jelo dzelo umo fumo fokum fwego fwoko fogu foyu fok kamino kammino montem monte monte monta:nea montana montanna noctem noffe djurno dzorno zorn xornada dzornata dzornade ajno anno nomi nomi nombre komedere kome kome morde:re moxd moxder moxdex morsikare moskar morsikare konspuere womere vomere soffjare sofia: vjodi oir owvix owvir kogno:skere konothar konoffere konese konosi koditare ole:re olire odorare dormi:re dormir dormire doxmix dormi morir morire moxex okki:dere kortar kortax skortare kosa: fodere nwotare wola:re vole bolar volare voax zvolare zvola: ose torna:re tornar tornare toznax torna: torkwe:re torther dona:re donar donare doa dona: appetora:re frote frotar frote arronthare koser komputa:re kontar kontare konta: noverare sporre joka:re dzokare zogax kolar kolare koax skorrere ifkoxer askora skori: korer korrere koxer kor kor konfla:re gonfjare zglotha: ustolare omne:s opji todo tutto tod tu tot tot mufo molto mol molc tanto tanto okoe alguno alkuno poko pako powku powku otr otro altro owtru owtru mapo mapno longus longo lungo lonj larjo largo lato lato anfo ampjo graso grasso espeso spesso gordo grossus groo grasso grosu grosu gros lerdo lordo lerdo lerdo pekejo pittjino pikkolo korto korto angosto angusto estrefo stretto menudo minuto delyaio delikato sottile fo kaldo kaldo frio freddo leno pje:no nowus nuvo nwebo novo novu novu now bjexo vekkjo bonus bweni bwa:no malo malo po:drido putrido po:dre podri po:dr sordidus sordido sordido sporko dritto rotundus redondo ritondo rado ayuio retuzo soave nido netto umido seko sekko korre:ktus korretto proksimus proximo prssimo prosimu prosimu proizme prosim adpropre presso befino vijino lontano lontan djestro destro sinjestro sinestro roxo rosso xofu xofu ros rofu bermexo vermi:lo rubjo rbbjo rubeo rubeo zon amarijo krokeus krotfo albo albo uno uno dos dos dow k'attwor kwatro kwattro thinko kwando kwando k'o:modo komo kome komu komu no non no no kon kon abhoc k'od

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sponsa epuz esposa spza ispoza ifpoze aspza sponsus epu esposo spzo ispozu ifpozu aspz spo:s patre per padre pa:dre paj paj par par pari piskem peo peffe peji peji pef pes peffe pwaso peho passerem paxaro passero paseru paseru pasere peduklus pu pjoxo pidakkjo pio:lu pio:lu pol pju pedoli padukje serpentem sepa serpente serpente sepepi sirpeti sarpen sepe sarpiint farpe palus pal palo paw paw pal par jep pellem po piel pelle peli peli pel pja pjele pjele adepem adipe plu:ma plym pluma pjuma ploma plom plume penna pen pena pene pene peja pen pene pan pilus pwal pelo pelo pelu pilu pel pel par kapillus kapello kapitia kap kap pedem pje pje pje:de pe pe pew pi: pi: piez dzap perna pjerna perno perne perne perna petiolus pebiolo pittjolo pekol pitjor pantikem pas pantha

panfa pēse pēse panfā pās pantse pintefse spatula epol espalda spalla ispadwe ispadwe əspaʎʎə spal spale spate pektus pi
petfo petto pejtu pejtu pit pet pjept apə pluwia plūi pjoddça pluzə plu:ʁ ploje pləaje ri:pa:ria petra pjek pjeðra pje:tra
pedrə peðrə peðrə pi:ʁ pje:re pjatrə lapidem lapide pulwerem pudʁ polvere polvar pulbere pulwus polbo pə pə pol
nəapte konspuere kōspye kuspiʁ kuspir eskupir əskupi skuja sputere esputar sputare spuda: respi:ra:re respirar respirare
kəspirar kʁspirar rəspira respira: sapere sapere pe:nsa:re pāse pensar pensare pēsəʁ pēsar pənsa pēse peɲsa: pəsa pugna:re
puɲar puɲnare puɲa kaptia:re pulsa:re puse puxar pulsare pufəʁ pufar pulsa: pulsa parti:re paktiʁ partiʁ partire paktʃiʁ
pərtiʁ parti pə:ʁti parti: separare separar separare separəʁ sipərər səpəra separa: separa pungere pwiðʁ pundiʁe pūziʁ
pūziʁ puɲi pundiʁe eksprimere epwiðʁ ekspremir spremere isprəməʁ isprəmer əspremə esprimi appektora:re apretar epirtar
epirtar limpida:re limpjar lipar lipar pulsa:re puse puxar pulsare pufar pufar pu:si: pulsa: pulsa impingere impindʒere
əmpɛɲə impindʒe apta:re komputa:re ekspo:nere sporre spune paɲkus pə poko pəko powku powku pək pō pək: plus
əpl ampjə amplə spissus epe espeso spesso ispesu ispesu əspes spe pittitus pəti pətit piti 'pittinus pekeɲo pittfino pekenu
pikenu putsin pitulus pikkolo piɲful suptil ple:nus plē pje:no pte plē plen plin putridus poðriðo putrido puðrit putred
putrem poðre poðri poðri spurcus spərko ispurku ispurku spərku spurk drept proksimus proximo prəssimo prosimu prosimu
proizme prosim adpropre əpɾəp əpɾəpe pressus pɾe presso pɾe patru

mulierem mulir muljere mulier mulir muljere maritus maritus marit marit matrem madre madre mari patre padre pater par passerem passero serpentem serpente sarpen sarpint wermem verme vjer vjerme arborem arbul arbore fructus fructo frut frukt gra: num grano grin gran griw frondea frondza ra: di: kem raið ærel ra: di: ke radi: fe ra: di: ki: na ræðafinæ kortikem korti: fe kortikea kortet: fja skortea skortsa æskorsæ skwartse flo: rem flo: r herba erba erbæ jarbe gra: men restem resta karnem karne karn car: kornu: korno korn kwær korn o: rikla orekkja orele ureke nari: fe nari: s perna perno pernæ pi: ffor wentrem vintri vintre intera: nea dorsum kor kwære kør kur: soreli ri: wus rio rio riw riw ri: pa: ria rivi: æ mare mare mar ma: r mare sare petra pje: tra pje: re hare: na arinæ soræ pulwerem polvere polvar pulbere terra tjera terra teræ tjere tsaræ nor neguræ tene: braj tene: bre bra: s tene: bre djer kinerem tjener sendræ stra: ta strada diurnum dorno diurna: ta dornata dornade bibere komedere manduka: re mordre mordre mwardi morsika: re morsikare musægar murseka su: gere konspuere sputere womere vomere suffla: re soffjare respi: ra: re respirar respirare ræspira respira: ri: de: re reir ri: dere riw: ræ ridi wide: re æudi: re ski: re sapere sapere kogno: skere konoffere ko: gita: re ko: dgitare pe: nsæ: re senti: re sentire ole: re olire odoræ: re odorare fra: gra: re fragrare time: re temere tremere tremare trima: dormi: re dormire durmi durmi: dormi wi: were vivere morire muri: muri neka: re annegare tu: ta: ri makta: re okki: dere pugna: re pu: njare battuere battere kapta: re kat: fare pulsa: re pulsare seka: re segare kurtæ: re ekskurta: re skortare skurta: skurta taliæ: re ta: lla: re di: wide: re dividere skindere findere findere fændere parti: re partire pærti parti: se: para: re separare separa: separa pungere pundgere jugula: re jugula: re radere ræd radere rawræ rada: rade rasar rasare ræza rasa: raskar ræska fodere kawa: re kavare ekskawa: re skavare nata: re naviga: re navigare wola: re mergere mærdgere mærdge ambitare andare wenire ekstendere estendere jake: re dære sedere sedere sedenta: re stare stare levara: re levare altiæ: re altsare torna: re torna: re turna turne torna: turna gya: re djaræ dji: ra: virare dji: ra: tork: e: re tærfere turser turser tørsæ tært: fe kadere kawræ dare dare dar dona: re donare tene: re eksprimere spæmere i: præmæ i: præmer esprimi skreme serrere serar særa serare þerar serrare appekto: re stringere strindgere æftrizir æftrizir stringe strengi: strindge frika: re fregare froj frea freka frikta: re frettare frisar lawa: re lavare tergere tærdgere ekstergere æstærdgi fterdge eksu: ka: re æffjugare limpida: re tira: re tirare tire tira: pulsa: re pulsare trahere trarre traj trædye impingere impindgere jakta: re dættare lankea: re lan: fare e: runka: re arankar arront: fare liga: re legare apta: re ko: nsuere kut: fire komputa: re kontare e: numera: re enumerare numera: re noverare numera: numara di: kere dire ekspo: nere sporre kanta: re kantare lu: dere joka: re djo: kare flu: ktua: re fluttuare fluita: re fluitare fluere fluire ko: la: re kolare ekskurere eskurir skorrere æskoræ skori: kurrere korer korrere koræ kori gelæ: re dælare glakiæ: re gjatt: fare inglakiæ: re inflære enfiære konfla: re konfjare intume: skere kre: ske: re kreffere krema: re kremare kræma flamma: re fjammarde arde: re ardere flagra: re flagrare inkendere infændjare ustula: re ustolare ustura alter altro altri grandem grande gran grant majjo: rem largus largo lark larg krassus grasso gras gras gurdus grossus græssu grwæs gros grawis greve grav gravi lurdus lordo kurtus korto kurt brewis breve striktus stretto stret strimt mærun: t subtsire fri: gidus freddo fræt rekentem re: þjente re: fente retsint re: fe putridu s putrido putred putrem sordidus særdido spurcus spærko spærk spurk di: re: ktus dritto dræ: dræt drept rotundus redondo ritondo rædo rø tarænt rætund retu: sus retuzo korre: ktus korretto proksimus præssimo prosim adpropre ap: ræpe pressus presso præ kirka dekstrum destro djestri sinistrum sinistro sijestri russus roxo rosso ros ræs vermikul: us vermi: llo bærmæ: l rubeus rubjo ræbbjo rubeo rubeo ruðge ræf roj: wiridem verde vert amarellus krokeus krot: feo tre: s tre tæs træ: 'tre: trej k: attwor kwattro kwatri patru

no:s nos nojs wo:s bos vajs bus vos usted vose vose voste sponsa esposa spoza ispoza əspoʒə mari:tus sponsus espōso
spoʒo ispoʒu əspoʒs spo:s sokius sɔʃfo sots be:stia bis piskem pəs pwasō useʎ passerem passero pasəru pasəru pasəre
peduklus serpentem sɛɾpɔ̃ sɛɾpjente serpente sɛɾpɛʃfi sirpēti sərpen sɛɾpɛ sarpint silwa selba selva sɛwva sɛʎve selba

Appendix 4 - Words containing each segment

selve pa:lus fru:ktus se:men seme sementis sēmās simjente semente semēfi simēti sēmen simēs sementfē sēmintfē frōsē frōsē wais wasin rēsen kōxfisi kōrtisi kōxfisē kurtisē skortea ekōrs skōrtsa əskōrsə skwas skwartse skōartsə restem rista rēsta sangwīnem sā sangre sangwe sēgi sēgi saŋ sō:g saŋk sindʒe ossum ɔs weso ɔsso osu ɔs vʷes ɔs gʷes grasa pilus kapillus kavettsa kabesə kəbesə testa testa tēstə tēstə fʃes tēstə tʃeastsə okulus na:sus naso na:so nas na:s nas naris na:rīs petiolus pās pēsə pēsə pās dorsum dōsso dos dwes spatula espalda spalla əspaʎʎə spal spale spate sinus sē seno seno seju seju si sen san pektus so:lem sol sole sōw sōʎ sōʎ sōʎ sōare solikulus sōʎej soreli stē:lla estreja stella istrelə əstəl stō:l stēle stēa ri:wus sa:lem səl sal sale saw sal sal se sa:l sare saksum sasso seǰfu seǰfu sabulum sabl saǰbru saǰbru sorə sor:vjō savalon sabula sabbja pulwus pols nu:be:s nu:bilus tene:bra:s tinjeblas trēves tēnebrəs fuməsə fuməsə sjel sew sew səl si:ʁ glas glas glēs fu:mus sādʁ sendrə sē:d sīzə sīzə stra:ta estrada strada istradē die:s morsika:re moskar morsikare musəga musəgar musəya murseka su:gere syse sugaʁ sugar sysi: suʒe konspuere kōspye kuspīʁ eskupīʁ əskupi skuǰpa sputere esputar sputare spuda: suffla:re sufle soffjare sufle sofʎa: sufʎa respi:ra:re respirar respirare wəspirar rəspira respi:ra: ski:re sapere savwəx saber sapere sabəx səber səβe savə:r save: kogno:skere kənesəx kupīser kənosī pen:sa:re pāse pensar pensare pēsəx pēsar pənsa pēse pen:sa: pəsa senti:re sātīʁ sentīʁ sentire sēfʃīʁ sētīʁ sənti sēti sinti: simtsi əksīʁ uksi fase kasəx kesar kəsa fʃesi: pulsa:re puse pulsare pulsa: pulsa seka:re sje segar segare segəx siyar səya sea: ekskurta:re skortare skurta: skurta skindere sēde se:para:re səwə separar separare separəx sipərər səpəra separa: separa rasar rasare rasa: raskar rəska kosaʎ kusar ekskawa:re eskabar skavare ekstendere ekstender estəndere istēdēx əstendrə ekstinde jesi sede:re swəx ser sedere sēx 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 sigurəx siyurar eksprimere ekspremir spremere əspremə əsprimi skreme serrere serar seka sərər səra serare seke serrare siʁar siʁar sərə stringere estreǰir strindʒere əstreǰə stringe strēngi: strindʒe frisar frasa ekstergere estarsīʁ əstərʒi eksu:ka:re esqije suwe suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa lāse lēsa lēsar lānsa kō:nsuere koser ɔase ekspō:nere sporre spune ekskurrere eskurir skorrere əskorə skori: skurdʒe glase gləsa intume:skere itumeser itumeser kre:ske:re kresəx krīfser ēsādʒe īsēndʒar īsēdʒar ənsendrə ustula:re ustolare ustura omne:s to:tus multus tantus paʁkus alius magnus longus largus la:tus amplus krassus graso grasso gras gras spissus espeso spesso ispesu ifpesu əspes spē gurdus grossus grōsso grosu grosu grōs grwəs gros grawis lurdus pittitus 'pittinus pitulus kurtus brewis angustus angosto angusto ingust striktus estreǰo stretto istreǰtu əstret stwō: stret strimt minutus de:lika:tus subti:lem sutil sottile sufʃiw sufʃiw suptil suti: suti:l subtsire kalidus fri:gidus wəsēfʃi wəsēfʃi ple:nus nowus wetulus bonus malus putridus sordidus sordido sərdido sərdidu 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 sefʃ sek sek korre:ktus proksimus prōssimo prosimu prosimu prosim pressus presso wi:ki:nus dekstrum djestro dēstro destru destrə djestri sinistrum sənəstʁ sinjestro sinistro seǰtru seǰtru sipestri russus rosso ros rōs vermikulus rubeus galbinus amarellus krokeus albus duo:s dos dojs dos duas dues tres tres sək siku siku sinʁ sək isi kʷis deintus dins si:k si si si sī sī si si si

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tu: ty tu tu tu tu ty tu tu usted voste infanтем infante fante ifēti marit:us marito marit mari:t mōrit matrem patre tata tata tata tata tata tatə be:stia peʃte utʃfello serpentem serpente serpente sirpēti sarpint fru:ktus fruto frutto frute frute frujt frut frukt sementis simjente semente simēti kortikem kortiʃe kōrtisi kortikea korteθa kortetʃa kurtisē skortea restem rista rēsta wēfti kotenna kapitia kavettsa testa tet tēsta tēstə tēstə tēstə tʃeastsə dentem djente dēnte dēti dint dinte pi:t petiolus pitʃolo wentrem wātʁ bjentre bentrə wēt vintri vintre pantikem pintēʃe intera:nea dīʃaj entrapa itreǰə ētreǰə əntrapə spatula spate pektus petto peǰtu pit pet pjept fi:ka:tum fegato fō:t fijat fikat stē:lla etwal estreja stella istrelə iftrelə əstəl stō:l stēle stēa la:t petra pje:tra pǰatrə terra tēʁ tjera terra tēʁ tēʁ tērə tēʁ tjere tene:braj tē:nebre tene:bra:s tenebʁ tinjeblas tē:nebre trēves trēvəʃ tēnebrəs fu:mata fumata fuma:ta fumate wentum bjento vento vētu vētu 'vint vint gǰatʃa stra:ta estrada strada istradē iftraðə montem monte monte mōti mōnt munte monta:nea mōtaǰ montajna montajna mōtēʃə mōtēʃə muntajə mōtaǰ mōntajne noctem nōtte nojti nojti nit nyt nōt nōapte diurna:ta dǰornata sputere esputar sputare fti kōnəʁ kunqafte kō:gita:re koʒitare kuzitaʁ kuzitar kuʒeta senti:re sātīʁ sentīʁ sentire sētīʁ sənti sēti sinti: time:re temer temere teməx timer temə temi teme tremere tremere tremare treməx trimer trima: tu:ta:ri tʃe tuwe makta:re mate matar mataʁ mətər mətə utʃfidere battuere batʁ batir battere bateʁ bəter batrə bate bati bate kaptia:re kattʃare kurta:re kortar kōʁtəx kurtar ekskurta:re ekuʁte skortare skurta: skurta ta:liare tǰe taxar taʎʎa:re taʎʎə tēʎar tēʎa tēji: taja: taja fēt parti:re pəʁtīʁ partīʁ partire pertir pəʁti pəʁti parti: nata:re nwotare ambita:re ekstendere etādx ekstender estendere istēdēx iftēdər əstendrə ekstinde sedenta:re sentar sētar sētar senta: sta:re etʁ estar stare iftar iftar əsta sta: sta alia:re alʃa: torna:re tuʁne tornar tornare toʁnəx turnar turna tu:rne torna: turna toʁkʷe:re tōʁdx toʁðer tōʁʃere turser turser tōrsə tǰarʃe tōbe tumbəx tōbər tumba tume tene:re tənīʁ tener tenere tēʁ ter tēni tini tinji appektora:re apretar epirtar epirtar stringere etwēdx estreǰir strindʒere əʃtrǰir əʃtrǰir əstreǰə stringe strēngi: strindʒe frikta:re fʁote frotar frettare fʁote tergere terʒere ekstergere estarsīʁ əstərʒi fterdʒe tira:re tīʁe tīrar tirare tīrar tira tire tira: trahere tʁəx trarre traze trēzer trēwəʁ traj tradʒe jakta:re ʒəte dʒettare ʒejtar ʒejtar xita dʒete apta:re atar etar etar komputa:re kōte kontar kontare kōtar kuma kōte kōnta: kantare fʃūte kantar kantare kētar kētar kanta fʃūte canta: kinta flu:ktua:re flyktqe flugtwar fluttuare flutuəx flutuar fluktua fluctua fluita:re fluitare gǰatʃʃare intume:skere

Appendix 4 - Words containing each segment

entumeoer itumeser itumeser kəwatə kreŋte ustula:re ustolare ustura to:tus tu todo tutto todū tođū tot tō dut tot multus molto mūjtu mūjtu mult tantus tanto tētu tētu tant tanc alter otə otro altro owtru owtru altrə ōt altri alt grant la:tus lato lato latu latu lat pittitus pəti pətiť piti 'pittinus pittino pitulus kurtus korto korto kuətu kurtu kurt kurt angustus angosto angusto ingust striktus etəwa estreŋfo stretto istrejtū iftrejtū əstret stəwə: stret strimt minu:tus minuto mənut minu:t mərunt de:lika:tus delikato dəlikat subti:lem sutil sottile suptil su:ti suti:l calt fret fret rekentem reθjente reŋte retsint wetulus putridus putrido puđrit putred putrem di:re:ktus dritto đirejtū direjtū dret dret drept rotundus ritondo tarənt rətund aku:tus əgut hebetem ebete retu:sus retuzo nitidus nət netto nət nət neted korre:ktus korretto lwētē lontano lunta lontan dekstrum djestro deŋstro deŋtru deŋtru deŋstri sinistrum sənəstə sinjestro sinestro seŋtru seŋtru sijestri vert vert tre:s təwa tres tre tres tref tres trə: 'tre: trej k"attwor katə kwatro kwattro kwatru kwatru kwatrə kwat kwatri patru kwant ŋemu:t deintus et

U 0075

15

nu vu bus tu tu tu tu tu tu tu tu usted mulierem muxer mułək mułer mułe mui:r mujere epuz mulier muxer mułək mułer mułe mui:r mujere mari:tus maridu məriđu sponsus epu ispozu ifpozu sokius awikellum uttfello useł utfjel paseru paseru peduklus pu piołu piołu pju pədukje arvuri arbul pa:lus fru:ktus fruto frutto frute frute frujt frut frukt gra:nem fułə frunzə kurtisə fune funje ossum osu osu o:wum ovu ovu koənu kornu kua pluma pjuma plumə pilus pilu pilu kapillus kabelu kəbelu urełə ureke okulus ołu ołu na:sus bukka buf bukə gula gurə ungula ɣna ungja ɣne ɣne əngule ungje petiolus genikulum zənu zuełu zwełu đenunk^l manum kollum ku kəlu kəlu dorsum spatula sinus seju seju pektus pejtū pejtū fi:ka:tum figəđu fiyēđu solikulus luna luna luə luə luna lune lunə pluwia jubja juve juve plužə fjume flumi flumi flum ri:wus ɣiu lakum lagu layu saksum sejju sejju laude sabulum sajbru sajbru sabula pulwerem pudə pulbere pulwus nube nube nuvēj nuvēj nu:bilus nublo nuvola nuvol nebula negurə fumata fuma:ta fumase fumase fumate kajlum wentum vētu vētu fu:mus umo fumo fumu fumu fum fum fum fokum fogu foyu ŋenufə kammi:num kamjnu kemjnu mun munte muntənə diurnum zuə djurno diurna:ta zuəne annum enu enu nune kumer manduka:re mandukar murder musəga musəgar musəya murseka sugə sugar suga: suđje konspuere kuspiə kuspir eskupir əskupi skujpa sputere esputar sputare spuda: suffla:re sufle sufle sufla udi:re ui uldi: kupiser kuneŋə kunəŋte kuzitar kuzitar kujda kuđgeta ulura durmir durmi durmi: mułiə mułer muri muri: muri tuwe uttfidere uksi utfide pugna:re puɣar puɣare puɣa battuere pulsa:re puse puxar pulsare puŋə puŋar pulsa: pulsa kurta:re kurtar ekskurta:re ekuəte skurta: skurta pungere pundgere puɣi pundge jugula:re jugula:re kusar bula zbura lua tuəne turnar turna turna turser turser tumbat tumba tume duar duna segurar sigurə siyurar enxugar affugare əfugar əfuɣar əfuga suwe suja: uska pulsa:re puse puxar pulsare puŋar puŋar pulsa: pulsa e:runka:re aruŋka ko:nsuere kudə kuŋfire kuzer kuzer kuzi kuzi komputa:re kumta e:numera:re enumeəe enumerar enumerare enumerar enumerar enumerar numerare numerare numera: numara numara spune ludir xugar zuɣar zuga đuwe đuja: zuka fluktuare flugtwar fluttuare flutuə flutuə fluktua fluctua fluitare fluitare fluire fluire flui kule kuə kuə ekskurrere eskurir ifkurer skurđe kurrere kułiə kułer kurđe umfla intume:skere entumeoer itumeser itumeser ustula:re ustolare ustura to:tus tu tutto todū tođū dut multus mu muŋfo mūjtu mūjtu mult tantus tētu tētu alguno alkuno əlgu paɣkus powku powku owtru owtru alius magnus longus lungo ləgu ləgu lunk lung largus ləgu largu la:tus latu latu amplus əfu əfu krassus grafu spissus ispesu ifpesu gurdus grossus grosu grosu lurdus luə pittitus 'pittinus pekenu pikenu putsin pitulus piŋful kurtus kuə kuətu kurtu kurt kurt angustus angosto ingust striktus istrejtū iftrejtū minu:tus menudo minuto miudu miuđu mənut minu mərunt de:lika:tus dewgadu dełyađu subti:lem sutil suŋfiw suŋfiw suptil suti:l subtsire kalidus kawdu kaldu fri:gidus friu friu ple:nus feju feju nowus nuvo novu novu wetulus vejlu vełu bonus bun malus putridus putrido puđrit putred putrem sordidus sərdidu sərdidu spurcu ispurku ispurku spurk di:re:ktus đirejtū direjtū rotundus rədöđu rídöđu rətund aku:tus aɣuđu eɣuđu əgut retu:sus retuzo sua:wem suaw nitidus neđgu neđgu u:midus umido umid umed u:dus ud sikkus seku seku korre:ktus proksimus prosimu prosimu pressus wi:ki:nus vizjnu vizjnu lunta dekstrum deŋtru deŋtru sinistrum seŋtru seŋtru russus ru ru rofu vermikululus vərmełu virmejlu rubeus ruž rubjo rubeo rubeo ruđge galbinus amarellus əmərelu əmərelu krokeus albus awvu alvu u:num uno uno un uɣ unu duo:s duaj due duas duə duəf kwatru kwatru patru siku siku ekkumhi:k kwēđu kwēđu komu komu kum nu deintus kum ku avu

V 0076

19

vu voi vɔjs vof vos vo: voj vose vɔse voste avi avi vək verme vəkmi vermi verm vjer vjer vjerme əkvori arvuri selva sɛwva sɛlvə sɛlvə əkvə ɛrvə vjād vivanda vivəda vivəde vwes wɔvo ovu ovu fəvə ʃvja cavej fəvə kavettsa voli vātə vət vintri vintre juve juve ɣivjə ɣivjə so:vjə savəlɔn polvere pɔlvar nuvēj nuvēj nuvola nuvol nevwe nevwe treves trevej vā vento vētu vētu vē 'vint vint neve nevi nevi vwa via vie vie bevi vomis vɔmere vo:mi vɔame vwaə vedere vək ver vir vjodi vedəə owvir owvir savwə savwə save: vivə vivere vives viver vivi via dividere đividjə diviđir dividi divide səvə fəvə kavare kəvə kəvar java: skavare ifkəvə ifkəvar zjava: naviga:re navigare naviɣə naviɣar naviga: naviga vole volare voə vwar vɔle zvolare zvola: vənə venire viə vir vini vjini: veni leva:re ləvə levare levə livar ləvə leva: viə virare virar viə lave lavare levar levar lave lava: noverare greve gravi gravi grav grevi breve brevi brevi nuvo nɔvo novu novu

Appendix 4 - Words containing each segment

nɔvɛ vjɔ vekkjo vɛjɫu vɛɫu vɛɫ vi: vjei vek^l soave vwazɛ viʃino viziju viziju vizɛ viʃin vɛʃin vermikulus vɛʃmɛj
vermiɫɫo vɛʃmɛɫu viʃmɛjɫu vɛʃ verde verdi verdi vɛʃ vɛʃ vɛʃ verde awvu alvu vi avek avu

W 0077 **8**

ew ew jew wo:s pwasɔ awem aw awikellum wazo wermem silwa sɛwva paw paw fwee skwas skwartse kwan wi:wenda
sangwe weso vwɛs o:wum webo wɔvo ɔw ow kwerno kwen kwar kɔw pwal pɛw zweɫu wentrem kwejo kwɛl dwes
ifpadwɛ ifpadwɛ kwɔrɛ awmɛ fwa sɔw etwal aɣwa akkwa agwɛ agwɛ ajɣwɔ ɛ:w pluwia ri:wus biw riw riw saw
pulwerem pulwus nɛvwɛ nɛvwɛ newlɔ sɛw sɛw wentum niwem new fwego fwɔko wia vwa lengwa lingwa ligwɛ ligwɛ
bwɔɔ bɛwɔ mwardi womere riwɔ wide:re vwar bɛwɔ wiɔ owvɔ owvɔ savwar kwidar dwaɔmi wi:were biwɔ nwaje
tuwe di:widere pwɛdɔ rawɔ fwiɔ kawa:re ekskawa:re nwotare wola:re vwar weni:re zawɔ swaɔ fwaɔ kawɔ lawa:re suwe
tɛwɔ zwe ɔzuwe flugtwar flwiɔ flwir kɔwatɔ awgɔ powku powku owtru owtru aw grwɛs grawis grew grew brewis
brew etɔwa dewgadu suʃiw suʃiw kawdu fɔwa frwɛ nowus nweʃo nɔw now wetulus bwenɔ bwɔ:ɔ maw maw dɔwa
sua:wem suaw wi:ki:nus vwazɛ lwɛtɛ wiridem awvu dowɔ tɔwa k^wattwor kwatro kwattro kwatru kwatru kwatɔ kwat
kwatri ʃiɲkwe kwi kwi kwa kwe: kwando kwando kwɛdu kwɛdu kwan kwand kwant

X 0078 **35**

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

y 0079 **23**

ty ty fry plym lyn ky ny njoly fyne nyt syse sysi: kɔspye zygye gyra:re flyktɔ flye mɔny

Z 007A **48**

epuz spɔza ispoza ifpozɛ ɛspɔzɔ spɔzo ispozu ifpozu wazo frunzɔ piez sɛzɛ sɛzɛ ʃinize zi auzi ɔzɛ ɔzak ɔzar ɔza
zjava: zvolare zvola: zbura zezɔ zɛzɔ zɛzɔ zɛʃɛ traze tɛzɛr kuzɛr kuzɛr kuzi kɔ:z kuzi dizer dizer zɛʃɛ zgloɲa: retuzo
proizme vwazɛ viziju viziju

ã 00E3 **82**

ɔãp pãs

Ç 00E7 **77**

krɔ:ç

Ǿ 00F0 **49**

mariɔ meriɔ maɔre paɔre iyaɔ fiyeɔ pjeɔra peɔre peɔra iftraɔ morɔer murɔer diviɔir neɔar toɔ miuɔ delyaɔ
deɫyaɔ poɔriɔ puɔrit poɔre poɔri aɣuɔ eɣuɔ niɔio

Õ 00F5 **60**

pwasɔ pehɔ frɔse frɔse ɔgl ɔg so:vjɔ mɔʃi mɔti mɔtaɲ mɔtɛɲ mɔtɛɲ mɔtaɲ nɔ ɔr tɔbe tɔbaɔ tɔbar kɔte kɔtar kɔtar
kɔte gɔfle gɔfle pɔ ɔt lɔgu lɔgu lɔ ʃɔ bɔ bɔ bɔ bɔ ɔ bɔ dɛdɔdu ɛdɔdu rɔ ɔ kɔ kɔ

Ø 00F8 **79**

kɔ ʃɛvɔ lɔn fɔ pɔ vjɔ dɔ

ĩ 0129 **42**

ifɛʃi ifɛti itɛɲɛ sɛzɛ sɛzɛ kamɲu ligwɛ ligwɛ ɛʃtriʒir ɛʃtriʒir lipar lipar ifar ifar itumesɛr itumesɛr isɛndʒar isɛdʒar siku
siku si si

Appendix 4 - Words containing each segment

ŋ	014B	75
saŋgre saŋ saŋk oŋgule maŋ aŋ noŋ leŋgwa maŋja: peŋsa: aruŋka zgloŋfa: loŋ iŋgust uŋ ʃiŋkwe siŋk 'ʃiŋk		
œ	0153	31
fœm dœm fœj flœx œf œj gœl kœx		
ũ	0169	91
pũzix pũzir mũjtu mũjtu awgũ ałgũ ũ ũ		
ɐ	0250	30
femɐ femjɐ donɐ donɐ ifpozɐ mɛriðu biɐ biɐ pasɛru pasɛru sɛɭvɐ frutɐ frutɐ foɭɐ foɭɐ frõsɐ frõsɐ ʁɛif kɔʁʃisɐ kurtisɐ ɛʁvɐ ɛrvɐ grɛmɐ grɛmɐ kodʒiɐ kodie vivɛdɛ graʃɐ graʃɐ kaʊdɛ kaʊdɛ penɐ penɐ kɛβɛlu kabesɐ kɛβesɐ testɐ tɛʃtɐ oreɭɐ orejɐ nɛrif bokɐ bokɐ upɐ upɐ pɛʁnɐ pɛrnɐ zʁwɛɭu pɛsɐ pɛsɐ itrɛjɐ ɛtrɛjɐ ispadwɐ ispadwɐ awmɐ almɐ figɛdu fiyɛðu lue lue istreɭɐ iftreɭɐ agwɐ agwɐ juvɐ juvɐ pedrɐ pɛðrɐ arejɐ ɛrɛjɐ tɛʁɐ tɛʁɐ kɛlizɛj nɛvwɐ nɛvwɐ trevɛs trevɛʃ fumasɐ fumasɐ sizɐ sizɐ vie vie istradɐ iftradɐ kemɪnu môtɛjɐ môtɛjɐ die die ɛnu ɛnu ligwɐ ligwɐ sɛbɛr mɛtar bɛtɛr kɛsar tɛɭar pɛrtir sipɛrar ʁɛɛr ʁɛzar ʁɛʃkar kɛʁar kɛʁar ifkɛʁar ifkɛʁar nɛðar nɛviyar kemɪnar kemɪnar zɛzɛʁ zɛzɛʁ kɛir kɛir ɛpirtar ɛpirtar lɛʁar lɛʁar trezɛr ɛtar ɛtar ɛrdɛr ɛyʊðu ɛmarɛlu ɛmɛrɛlu duɛs duɛʃ ɛki ɛi ɐ		
ɑ	0251	84
am fwa hare:na bwax taje ʁaze gʁa tɁwa		
ɔ	0254	9
zɔ noʃ vɔsɐ dɔnna dɔnɔ dɔnɐ spɔza ɛspɔzɔ spɔzo ɛspɔs sɔʃfo pidɔkkjo fɔɭɭa kɔʁʃisi kɔrtisi skɔrtsa ɛskɔrsɔ flɔ ɔs ɔsso ɔs ɔʃ wɔvɔ ɔw kɔʁn kɔrno kɔrn kɔw kɔdɛ plɔm ɔraj ɔkkjo bɔk bɔcɐ gɔɭɐ oŋgule pitʃɔlo ɟinɔkkjo ɟino kɔlu kɔlu kɔɭ dɔsso dɔ kwɔrɐ kɔʁ kɔr sɔw sɔɭ sɔɭ sɔɭ sɔɭɛj savalɔn pɔɭvar pɔ pɔ nʒɔly fwɔko fɔk mɔnt mɔntapɐ nɔttɐ ɲɔt zɔʁna zɔʁna nɔm noŋ mɔrdɛrɐ vɔmɛrɐ kɔnɛtʁ kinɔh dɔʁmɪʁ mɔri ɔksɪʁ vɔɭɐ tɔʁdʁ tɔʁʃɛrɐ tɔrsɔ dɔnɐ kɔɭɪ tɔ pɔko pɔk grɔsso grɔs novɔ nɔw nɔvɐ bɔn bɔn sɔrdido sɔrdidu sɔrdidu spɔrko spɔrk tarɔnt prɔssimo ɛprɔp rɔs rɔbbjo rɔʃ grɔk kɔmɔ kɔm kɔmɛ		
ə	0259	4
zə dɔnə dɔʁmɔnə ɛspɔzə mɔrit ɛspɔs marə parə tatə nɔmajɐ pasɛrɐ pɔdukjɐ sɔrpen abrə sɔmɔs sɔmɛn sɔminʃɐ fuɭɔ frunzə ɔrɛɭ rɔdɔʃɪnə ɛskɔrsɔ skɔartsɔ ɛrbə ʒarbə kɔnnə ɔqadə plɔmɔ pɛjə panə pɛr ʃɔvɔ kɔbɛɭ ʃɔvɐ tɛstə tɛʒastə urɛɭɔ bokɔ bukɔ golə gurə kambə gambə pɛrnə zɛnu zɛnoɭ minə alə bɛntrə pɔɲʃə ɔntrɔjə ɛspaɭɭɔ inimə fɛdʒə ɭunə lunə ɛstɛɭ ɔjɣwə ɔpə pluʒə pɛðrə pʒatrə ɛrɛnə arinə sorə tɛrə tsarə nɛwɭə nɛgʊrə tɔnɛbrəs ʃɛaʃɐ ʒɛatsə sɛndrə ʃɛnuʃə biə ʃɔmɛ kɔmi muntɔjə diə limbə bɛwɾə mɔɲʒa musəʒa musəʒar musəʒa ɛskupi rɛspira riwɾə bɛwɾə sɔʃɐ kunɛʃə pɔnsa pɔsa sɔnti flɔjra tɛmə biwɾə nɔʒa mɔta batrə kɔsa sɔʒa tɔɭa tɔja fɛndrə pɔrti sɔvɛ sɔpɔra rawɾə rɔza rɔska ʃɔvɐ kɔba nɔda nɔbɔʒa ʃɔmine kɔmina vɔniʁ bɔni ɛstɛndrə ʒawɾə zɔʃɛa ɛsta lɔvɐ ɭɔba lɔvɐ ɛɭsa tɔrsə kawɾə kɔdɛa tɔniʁ tɔni ifprɛmɛ ifprɛmɛr ɛsprɛmɔ sɔrar sɔra ɛʃtrɪʒir ɛʃtrɪʒir ɛstɛrɛjə frəʒa frɛsa ɭɔba ɛstɔrʒi ɛʃuga trɛwɾə ɛmpɛjə zɔtɐ ɭɔnsa kɔnta ɛskɔrə kɔrə zɔɭɐ zɔɭa ʒɭɛsa kɾɛʃə kɾɛma ɛnsɛndrə ɛɭgu altrə amplə ɛspɛs pɔti pɔtit ɛstɛt mɔny mɔnut mɔrunt dɔlikat rɔdo rɔtund ɛʒut ɛprɔp bɔi dɛstrə sɔnɛstʁ bɔrmɛɭ dowə kwatrə ɔɭa ɔn kə kə kə		
ɛ	025B	32
fɛminɐ ɛfɔ pɛs pɛhɔ utʃɛllo utʃɛɭ sjɛʁpɛ vɛrm vjɛr vjɛr sɛwva sɛɭvɐ sɛɭvɐ sɛmɛntʃɐ ʒɛɛn ɔrɛɭ rɛsɛn ɛʁb ɛrba ɛrvɐ jɛp ʒʁamɛn rɛsta ʁɛʃʃi pɛli pʒɛɭ ʃɛʁ vwɛs ʒʁɛs kwɛn kɔdɛ plumɐ pɛn pɛjə pɛnɐ pɛɭ kɔbɛɭ ʃɔvɐ tɛt tɛsta tɛstɐ tɛʃtɐ ʃɛs tɛstɐ urɛɭɔ bɔcɐ dɛntɐ oŋgule pɛ pɛ pɛw pɛrnɔ pɛʁnɐ pɛrnɐ pɛrnə pɛkol kwɛɭ spalɐ petto pɛt ɛstɛɭ stɛɭ mɛʁ sɛɭ pɛðrɐ tɛrra tɛʁɐ tɛrə tjɛrɐ nɛvwɐ nɛvwɐ tɛnɛbʁ trevɛs trevɛʃ sjɛɭ ʃɛɭo sɛw sɛw sɛɭ vɛnto nɛvi nɛvi zɛɭ ɟɛɭo zɛɭ ʒɭɛs sɛndrə ʃɪnizɐ muntɐ 'lɛnʒɐ bɛwɾə bɛwɾə sɔʃɐ kɔnɛtʁ kunɛʃə flɛʁɐ ʃɛsi: tɛʒi: fɛndɛrɐ fɛndrə nɛdʒi: mɛrdʒɛrɐ ɛstɛndɛrɐ ɛtʁ ɛs spɛrɛmɛrɐ sɛrɐ ɛstɛrɛjə strɛngi: tɛrdʒɛrɐ tʁɛʁ trɛwɾə ɛmpɛjə ɟɛtɐ inʃɛndʒɛrɐ ispɛsu ɛspɛs spɛ ʒrʁwɛs ʒɛijɛʃ ʒrɛvɐ ʒrɛvi bʁɛʃ bʁɛvɐ brɛvi brɛvi ɛstɛt strɛt dɛɭʁaðu frɛt frɛwɛ rɛʃɛntɐ plɛ plɛn nɔvɐ vɛkkjo dɛrɛt dɛrɛt ɛbɛtɐ nɛt nɛdʒu nɛdʒu nɛt nɛt sɛk sɛk sɛʃ sɛk prɛssɔ prɛ dɛstro dɛstru dɛʃtru sɔnɛstʁ sɛʃtru sɛʃtru vɛʁmɛj bɔrmɛɭ vɛrt vɛʁ vɛrt ɟʒɛn ɛmarɛlu ɛmɛrɛlu trɛs kɛ ɛ		

Appendix 4 - Words containing each segment

J	025F	83
jambe manja: java: zjava:		
g	0261	1
ego: gra: num gæn grano grano grēw grēw gra grin gran griw gra: men gæmen grama grēmē grēmē gram sangre sangwe sēgi sēgi sō: g gæs grasa grafe grafe gref gula gœl gola gola golə gøj gœle gurə ungula ōgl ungja ōg ōngule ungje gamba gamba gamba gamba genikulum fegato figedu agwē agwē age lago lago lagu ka: li: ginem negurə gelu: glas gjatfa glas gles glatfe geatsə fwego fogu lāg lengwa lingwa ligwē ligwē 'lenge musəga musəgar su: gere sugaḥ sugaḥ kogno: skere ko: gita: re fra: gra: re fragrare nəga anegar annegare pugna: re segar segare segaḥ pungere jugula: re zygye jugula: re naviga: re nabegar navigare nəbəga naviga: naviga mergere gyra: re segurar siguraḥ stringere stringe strēngi: fregar fregar frəga ifrigar tergere ekstergere enxugar affugare ēfugar əfuga impingere liga: re legar legare lega xugar zogax zuga flugtwar gela: re glakia: re glase gjatfjare gləsa glatfa: inglakia: re ingetsa gōfle gonfjare gōfle zglonfa: flagra: re flagwē flagrar flagrare flagraḥ flagrar alguno awgū atgū əlgu magnus grandem gā grande grande grēdži grēdi gran gā grant longus longo lungu lōgu lōgu lung largus largo lāgu largu larg gā graso grasso grafu gras gras gurdus gordo grossus gōo grōsso grosu grosu grōs grwēs gros grawis grijef grabe greve gravi gravi grew grav grēvi grew angustus angosto angusto ingust dewgadu fri: gidus əgut galbinus galben grək		
Y	0263	85
iḃəðo fiḃəðu aḃwa aḃwə laḃu foḃu musəḃa siḃar səḃa naviḃaḥ neviḃar siḃurar iffriḃar ēfuḃar liḃa zuḃar larḃo deḃəðo deḃəðu əḃuðu		
q	0265	69
fūqi plqi nqi kqide tqe esqije flyktqe		
i	0268	45
ifēti ifpoze ifpozu pejfi avi sirpēti vermi arvuri simēti səmintfə kōrtisi kēsti peli karni sēgi sindže pilu dēti minə pintēfe iftrele flumi riw vint nevi mōti nojti nojti nomi biḃer minka biḃpirar ride kupiser timer trimer siḃar sipərar naviḃaḥ neviḃar iftar iftar livar siguraḥ siḃurar siḃar siḃar epirtar epirtar strindže iffrigar iffriḃar impindže kinta zilar zilar ingetsa krijser intfindže grēdi gravi pikenu brevi ingust iftrētu strimt pođri židōdu virmeḃlu verdi verdi ki kind in ki		
I	026A	11
dḃi na: ris isendḃjar		
l	026B	68
seḃve səl zəl atsa atsar kuḃa flama atgū al deḃəðu kaḃ plē		
ḃ	0272	39
doḃa niḃo alimaḃa peḃa peḃə uḃa uḃe uḃe paḃfə entraḃa itreḃe etreḃe əntraḃə kamijnu kemijnu mōtaḃ montajna montajna mōtēḃe mōteḃe muntajna mōtaḃ montajne ɲot apo aḃ mənza maḃi: kopeseḥ kupiser koposi puḃar puḃḃare puḃa puḃi kemijaḥ kemijaḥ viḃi: estreḃir əstreḃə əmpeḃə oḃḃi maḃo maḃḃo pekeḃo ɲu: f viziju viziju siḃestri		
Ḳ	027B	92
kosaḲ		
f	027E	29
embra fembra muxer muḃer muxer muḃer mariðo maridu meriðu marit maðre marə paðre paḃə paxaro paseru paseru pasəre serpjente sirpēti farpe berme vermi verm aḃbol albero aḃvori arvuri aḃrə par fruto frute frute frujt grano grēw grēw gra frōse frōse frunzə kōrtisi kortēða kurtise skqartsə flor fjo: re flor floare jerba erve jarbə grama grēmē grēmē gram rista karne karni karne sangre grasa grafe grafe gref kwerno kornu pər orexa oreḃe oreḃle ureḃə nariḃ naris nerif gurə pjerna peḃne bjentre bentrə entraḃa itreḃe etreḃe əntraḃə kor sqare estreja istrele iftrele mar mar pjeðra peðre peðre		

Appendix 4 - Words containing each segment

pedrā pjatrā arena arejē ʔrējē ʔrenā sajbʁu sajbʁu trevəs trevəʃ tənēbrəs ʃfēr estrada istradē iftradē djurno zorn xornada
 nombre beber bere biþer bēwʁə komer kumer mandukar mandʒare mēʒar morðer murðer moskar morsikare sugar kufpir
 eskupir esputar sputare respirar ʔspirar ʔspira reir rīdere ʁir riwʁə ride ber vedere ver bēwʁə oir udire
 owvir saber sēber konøþer kupiser kwidar kuzitar pensar pensare pēsar sentir sētir oler ulura ʃejrək ʃejrar fləjra temer
 timer tremēr tremək trimer dormir durmir bibir viver biwʁə morir muþer muri anegar matar mētar utʃidere pupar batir
 betēr batrā kaþar kəsar puxar puþar segar siyar kortar kurtar taxar tēlar dibidir dividiðir ender fēder fendrā partir þertir
 separar separək sipərar səpəra pūzīr rær ʁær rawʁə rasar ʁazar raskar ʁəʃkar kusar kabar kəvar eskabar iʃkəvar nadar
 nwotare nēðar nabegar nēviyar bolar volare vwar zvolare zbura kaminar kamminare kəminar andar ēdar benir venire vir
 ekstender iʃtēder ʔstendrā jaþer ɟaʃfē:re zəzer zawʁə ser ser sentar sētar sētar estar iʃtar iʃtar jebar livar alþar aʃsar
 tornar turnar xīrar ɟīrare zīrar zīrar zīra bīrar virare virar zīrar bīra torþer kaer kadere kēir kēir tumbār tōbar dar dar
 donar duar tener tenere ter segurar sigurar siyurar ekspremir ʔspremā serar sərar þerar sīkar sīkar apretar ʔpirtar ʔpirtar
 estrepir ʔstreþnā fregar frəga iʃfriyar iʃfriyar frotar frisar frəsa laþar ləvar ləvar estarsir enxugar ēʃugar ēʃuyar limpjar lipar
 lipar tirar ʃīra tirar tira puxar puþar puþar traze trezer trəwʁə eʃar zejtar zejtar lanþar lēsar arankar arunþa legar atar
 ʔtar ʔtar koser kuzer kuzer kontar kōtar kōtar enumerar enumerar enumerar enumera numera deþir dīzer dīzer kantar
 kētar kētar ludir xugar zuyar flugtwar flutuar fluir flwir kolar kuar eskurir iʃkurer skurdʒe korer kuþer kurdʒe elar zīlar
 zīlar iñfār iʃar iʃar entumēþer itumeser itumeser kreþer kresək kʁiʃser kʁeʃə kʁeʃte kemar kejmare arder ʔrder arde flagrar
 flagrar enþender isenɟyar isēɟyar ʔnsendrā otro owtru owtru altrā grande grēɟi grēdi mare laryo largu lark graso grafu
 gras gordo grosu grosu grəs grabe gravi grew ledo ledo korto kurtu kurt brebe brevi brevi brew
 estreʃo iʃtrejtu iʃtrejtu ʔstret frio friu friu friu podriðo puðrit poðre poðri poðri sordido sordidu sordidu iʃpurku iʃpurku
 ɟirejtu dīrejtu dret proximo prosimu prosimu proizme ʔrəp ʔerka djestro destrū deftru destrā sinjestro seftru seftru rofu
 bermexo virmējlu berde verdi verdi vert verde amarijo ʔmarelu ʔmērelu grək tres tres tref kwatro kwatru kwatru kwatrā

R 0280

54

mer vjer fry ʁesen kʁə:ɟ ɔraj vi:r ɔr savø:r mɔri pɔ:rti ma:rʃi: ʃfē:r sərar sere iʃkurer kɔri frwe

Б 0281

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muʁək muʁək maʁi meʁ peʁ seʁpā seʁpēʃi sjeʁpē veʁ veʁmi aʁbʁ aʁvori ʃuʁi ɟʁen ʁais ʁeʃ ʁadi ʁasin kəʃʃisi kəʃʃise
 ekoʁs floʁ floʁ floʁ ɛʁb ɛʁvə ɟʁamen ʁeʃʃi ʁeʃti ʃeʁ kaʁni ɟʁes kəʁn kəʁnu oʁeʁ pəʁvə vātʁ ātʁaj kəʁ kəʁ ku:ʁ plu:ʁ
 ʁy ʁiʁ ʁiʁ ʁiʁvʁ ʁiʁi:ʁ meʁ maʁ meʁ pjeʁ pi:ʁ puðʁ teʁ teʁv teʁv tenebʁ si:ʁ sōdʁ zuʁ zəʁna zəʁna zuʁne bʁwə
 beʁeʁ bə:ʁ mēʒaʁ mōɟdʁ mōɟdʁ sugaʁ kuspiʁ vomʁ ʁespiʁaʁ ʁiʃpiʁaʁ ʁiʁ ʁiʁ ʁiʁ ʁi:ʁ vʁaʁ veʁ wiʁ owviʁ savʁaʁ
 saʁeʁ kənetʁ kəʁesəʁ kuzitaʁ pēsəʁ sātʁiʁ sēʃʃiʁ flēʁe ʃejraʁ temək kēdʁ tremək dəʁmiʁ dəʁmiʁ dʁaʁmiʁ viʁvʁ viʁeʁ muʁiʁ
 mōʁeʁ muʁer mataʁ ɔksʁiʁ batʁ bateʁ kasəʁ puʃaʁ segaʁ kortaʁ ekuʁte taʁaʁ ɟʁividiʁ ʃūdʁ fēdʁeʁ pəʁtiʁ pəʁʃʃiʁ səʁvə
 sepaʁaʁ pʁwēdʁ pūziʁ ʁaʁ ʁeʁ ʁəze ʁazaʁ ʁeʁaʁ ʁaʃkaʁ ʁeʃkaʁ fwʁiʁ kəʁaʁ iʃkəʁaʁ nadaʁ naʁiʁaʁ voaʁ kəmiʁaʁ maʁʃe
 ēdaʁ vəniʁ viʁ etādʁ istēdʁeʁ zezʁiʁ zəzeʁ swaʁ seʁ etʁ leʁaʁ tuʁne toʁnaʁ ziʁe viʁe viʁe təɟdʁ ʃʁaʁ tōbaʁ daʁ təniʁ teʁ
 siguraʁ eʁwēdʁ iʃpʁəmeʁ seʁa seʁe siʁaʁ siʁaʁ etʁēdʁ ʃʁeʁe ʃʁote ʃʁote tiʁe tʁeʁ kuðʁ enumeʁe nōbʁe diʁ di:ʁ zogəʁ
 flutuʁaʁ flwiʁ koaʁ iʃkoʁeʁ kuʁiʁ koʁeʁ kuʁer kəʁwaʁ kresəʁ kʁame kejməʁe aʁdʁ aʁdeʁ flagʁe flagʁaʁ oʁtʁ ɟʁā ɟʁā laʁʒ
 laʁɟu ɟʁa ɟʁo ɟʁiʁeʃ luʁ kuʁ kuʁtu ku:ʁ bʁeʃ bʁeʃ etʁwa stəʁ: ʃiʁwa ʁesēʃi ʁesēʃi dʁwa ʁō ʁedōdu ʁidōdu pʁe sənəstʁ
 ʁu ʁoʃʁ ʁoʃʁ vəʁmeʁ vəʁmēlu ʁuz veʁ veʁ tʁwa kaʁtʁ

∫ 0283

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nəʃ voʃ iʃpoze iʃpozu biʃfa biʃe biʃe peʃfe peʃʃi peʃʃi peʃ peʃte ʃjē ʃaʁpe ʁeʃ ʁeʃʃi ʁeʃti ʃeʁ ɔʃ graʃe graʃe gʁeʃ ʃəʁv ʃəʁv
 teʃte nēʃʃi buʃ paʁʃə iʃpaɟwə iʃpaɟwə iʃtreʁe ʃuʁe ʃuʁe seʃʃu seʃʃu trevəʃ ʃʃenuʃə iʃtraðe ʃəʁmē kufpiʁ ʁiʃpiʁaʁ ʃti konoʃʃere
 kuʁeʃə kuʁaʃte ʃejraʁ ʃejrar ʃase puʃaʁ puʃar ʃindere ʁaʃkaʁ ʁeʃkaʁ ʃəʁve iʃkəʁaʁ iʃkəʁaʁ ʃəʁmine maʁʃe iʃtēder ʃeɟə iʃtar
 iʃtar altʃa: ʃʁaʁ iʃpʁəmeʁ iʃpʁəmeʁ ʔʃtriʒiʁ ʔʃtriʒiʁ iʃfriʁaʁ iʃfriʁaʁ ʃterɟe ʔʃʃugare ʔʃʃugar ʔʃuyar ʔʃuga puʃar puʃar ʃāte
 iʃkoʁeʁ iʃkurer iʃar iʃar kʁeʃʃere kʁiʃʃer kʁeʃə kʁeʃte ʔʃu ʔʃu graʃu iʃpesu iʃtrejtu ʃo ʃeʃu ʃeʃu iʃpurku deftru seftru seftru
 ʁoʃʁ ʁoʃʁ roʃʁ doʃʃ duʃʃ tref ʃi

Ї 028A

95

ʁoʃʁ

Λ 028E

36

moʁʎe muʁək muʁer muʁe moʁʎe muʁək muʁer muʁe useʁ piolu piolu poʁ ʃəʁʎa foʁe foʁe fuʁə peʁ kəʁeʁ oʁeʁe
 oʁeʁʎe ueʁə oʁu oʁu zuʁeʁu zʁweʁu zəʁnoʁ kəʁ ʔspaʁʎə ʁuʁə ʁak taʁʎa:re taʁaʁ teʁaʁ təʁa ʁəʁa ʁəʁa ʁəʁsa ʁiʁa ʁoʁ
 ʁark ʁeno vəʁʎu veʁu veʁ ʁuʁta vərmiʎʎo vəʁmēlu virmējlu bəʁmēʁ əʁa

Appendix 4 - Words containing each segment

z	0292	3
zə zə zāb zənu zueļu zweļu zənoļ plužā kalizēj kēlizēj zel zeļ zux zorn zāna zāna zuxne māze mēzax mēzar mājza kuzitax kuzitar pūzix pūzir zygyļe naze zezix zezex zēzer zawrā zivē zīrar zīrar zīra zīrar əftrīzīr əftrīzīr əstərzi zəte zejtar zejtar zwe zogax zuyar zuga zuka zəle zīlar zīlar zəla intfindze laxz du:ze: vizē xuz zon		
j	029D	5
jo jerba kabejo kwejo estreja jubja jelo jaθer jebar amarijo aja		
dz	02A3	71
frondza dzornade		
ɖ	02A4	10
ɖɹ kodɖiv sindɖe ɖāp ɖinokkjo ɖino ɖenoli ɖenunk ^l fedɖə pjodɖa kalidɖine ɖelo ɖer ɖu: ɖorno ɖu: ɖornata mandɖare sudɖe kodɖitare kudɖeta ɖividɖix pundɖere pundɖe nedɖi: mērdɖere merdɖe ɖatɖe:re ɖere ɖirare ɖira: ɖira: strindɖere strindɖe terdɖere ɖterdɖe tradɖe impindɖere impindɖe ɖettare ɖete ɖokare ɖuwe ɖuja: skurdɖe kurdɖe ɖelare ɖale isendɖiar grēɖi ɖirejtu nedɖu nedɖu rudɖe ɖen		
ts	02A6	51
sots skortsā skwartse skqartsə tseastə pantse tsarə geatsə simtsi altsare tsine ingetsa putsin subtsire retsint		
tʃ	02A7	44
ifēʃi sɔʃo utʃello utʃel ʃē seɤpēʃi semēʃi semenʃe səminʃə radi:ʃe rədəʃinə kortiʃe kɔɤʃisi kortetʃa kɔɤʃisə ɤeʃʃi ʃɔ: ʃivja ʃes nariʃe dēʃi pitʃɔlo pitʃjor panʃa pintetʃe peʃo ʃeəʃə ʃelo ʃi:l ʃer gʃatʃa glaʃe ʃenere ʃinize ʃenuʃə mōʃi noʃe sēʃix matʃa: utʃidere utʃide katʃare ʃesi: catʃa: paxʃix ʃimine ma:ɤʃi: ɖatʃe:re zəʃeə tɔɤʃere tɔartʃe ʃe:r ʃjade ʃira eʃar lanʃare lanʃa: arrontʃare kutʃire ziʃe ʃāte gʃatʃjare glaʃa: inʃar inʃendjare inʃindze mutʃo antʃo pitʃino pitʃul estretʃo sutʃiw sutʃiw ʃō reʃente ɤesēʃi ɤesēʃi reʃe setʃ viʃino viʃin veʃin rɔʃ krotʃeo ʃiŋkwe 'ʃiŋk ʃintʃ ʃine ʃe ʃe ʃemu:t		
β	03B2	67
arβol kēβelu kaβeθa kēβese sajβru sajβru biβer səβe laβar nweβo		
θ	03B8	57
peθ raiθ korteθa kaβeθa nariθ peθiolo panθa θjelo θeniθa konoθer kaθar jaθer alθar torθer θerar lanθar deθir entumeθer kreθer enθender reθjente beθino θerka θinko		
ẽ	1EBD	64
ʃē seɤpēʃi siɤpēti sɤɤpē semēʃi simēti simēs vivēda vivēde dēʃi dēti dē mē mē ētrəpə sē vētu vētu vē pēsax pēsar sēʃix sētir kɤēdɤ fēdēx fēder istēdēx iftēder sētar sētar ēʃugar ēʃuyar ēfle isēdjā ɤesēʃi ɤesēʃi plē vizē sēk sēk nē		

Appendix 5 - Word Lists by Language

Latin

Cognate	IPA	Sounds
I	ego:	ay-g-O
We	no:s	n-O-s
YouPlural	wo:s	w-O-s
YouSingular	tu:	t-U
Woman	fe:mina	f-ai-m-e-n-ah
Woman-Mulier	mulierem	m-u-l-e-ay-r-ay-m
Woman-Domina	domina	d-oh-m-e-n-ah
Child	infantem	e-n-f-ah-n-t-ay-m
Wife	sponsa	s-p-oh-n-s-ah
Wife-Mulier	mulier	m-u-l-e-ay-r
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-Gratum	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 ^w 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

Appendix 5 - Word Lists by Language

Horn	kornu:	k-oh-r-n-U
Tail	kauda	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	pluvia	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

Appendix 5 - Word Lists by Language

Fog-Nebula	nebula	n-ay-b-u-l-ah
Fog-Tenebrae	tene:braj	t-ay-n-ai-b-r-aj
Fog-Tenebras	tene:bra:s	t-ay-n-ai-b-r-A-s
Fog-Fumata	fu:ma:ta	f-U-m-A-t-ah
Fog-Caecia	kajkia	k-aj-k-e-ah
Sky	kajlum	k-aj-l-u-m
Wind	wentum	w-ay-n-t-u-m
Snow	niwem	n-e-w-ay-m
Ice	gelu:	g-ay-l-U
Smoke	fu:mus	f-U-m-u-s
Fire-Focus	fokum	f-oh-k-u-m
Ash	kinerem	k-e-n-ay-r-ay-m
Road	wia	w-e-ah
Road-Strata	stra:ta	s-t-r-A-t-ah
Road-Camminus	kammi:num	k-ah-m-m-E-n-u-m
Mountain	montem	m-oh-n-t-ay-m
Mountain-Montanea	monta:nea	m-oh-n-t-A-n-ay-ah
Night	noctem	n-oh-tya-t-ay-m
Day	die:s	d-e-ai-s
Day-Diurnus	diurnum	d-e-u-r-n-u-m
Day-Diurnata	diurna:ta	d-e-u-r-n-A-t-ah
Year	annum	ah-n-n-u-m
Name-Nomen	no:men	n-O-m-ay-n
Name-Nominem	no:minem	n-O-m-e-n-ay-m
Tongue	ling ^w a	l-e-n-gw-ah
ToDrink	bibere	b-e-b-ay-r-ay
ToEat	komedere	k-oh-m-ay-d-ay-r-ay
ToEat-Manducare	manduka:re	m-ah-n-d-u-k-A-r-ay
ToBite	morde:re	m-oh-r-d-ai-r-ay
ToBite-Morsicare	morsika:re	m-oh-r-s-e-k-A-r-ay
ToSuck	su:gere	s-U-g-ay-r-ay
ToSpit	konspuere	k-oh-n-s-p-u-ay-r-ay
ToSpit-Sputare	sputere	s-p-u-t-ay-r-ay
ToVomit	womere	w-oh-m-ay-r-ay
ToBlow	suffla:re	s-u-f-f-l-A-r-ay
ToBreathe	respi:ra:re	r-ay-s-p-E-r-A-r-ay
ToLaugh	ri:de:re	r-E-d-ai-r-ay
ToSee	wide:re	w-e-d-ai-r-ay
ToHear	audi:re	au-d-E-r-ay
ToKnow	ski:re	s-k-E-r-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	kogno:skere	k-oh-g-n-O-s-k-ay-r-ay
ToThink	ko:gita:re	k-O-g-e-t-A-r-ay
ToThink-Pensare	pe:nsa:re	p-ai-n-s-A-r-ay
ToSmell-Sentire	senti:re	s-ay-n-t-E-r-ay
ToSmell-Olere	ole:re	oh-l-ai-r-ay
ToSmell-Odorare	odo:ra:re	oh-d-O-r-A-r-ay
ToSmell-Fragrare	fra:gra:re	f-r-A-g-r-A-r-ay
ToFear	time:re	t-e-m-ai-r-ay
ToFear-Tremere	tremere	t-r-ay-m-ay-r-ay
ToSleep	dormi:re	d-oh-r-m-E-r-ay
ToLive	wi:were	w-E-w-ay-r-ay
ToKill	neka:re	n-ay-k-A-r-ay
ToKill-Tutari	tu:ta:ri	t-U-t-A-r-e
ToKill-Mactare	makta:re	m-ah-k-t-A-r-ay
ToKill-Occidere	okki:dere	oh-k-k-E-d-ay-r-ay
ToFight	pugna:re	p-u-g-n-A-r-ay

Appendix 5 - Word Lists by Language

ToFight-Battuere	battuere	b-ah-t-t-u-ay-r-ay
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
ToStand-Altiare	altia:re	ah-l-t-e-A-r-ay
ToTurnIntransitive	torna:re	t-oh-r-n-A-r-ay
ToTurnIntransitive-Gyrate	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	appetora: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

Appendix 5 - Word Lists by Language

ToTie	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay
ToSew	ko:nsuere	k-O-n-s-u-ay-r-ay
ToCount	komputa:re	k-oh-m-p-u-t-A-r-ay
ToCount-Enumerare	e:numera:re	ai-n-u-m-ay-r-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	omne:s	oh-m-n-ai-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-Gurдум	gurđus	g-u-r-d-u-s
Thick-Grossum	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

Appendix 5 - Word Lists by Language

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
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-c-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:num	U-n-u-m
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

Appendix 5 - Word Lists by Language

Not-Nec	nek	n-ay-k
At	ad	ah-d
In-In	in	e-n
In-Deintus	deintus	d-ay-e-n-t-u-s
With-Cum	kum	k-u-m
With-Abhoc	abhoc	ah-b-h-oh-tya
And-Et	et	ay-t
And-Si	si:k	s-E-k
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	ʃjɛ	shh-jg-ehnn
Louse	pu	p-u
Snake	seʁpã	s-ay-rr-p-NasalA
Worm	veʁ	v-ay-rr
Tree	aʁbɛ	ah-rr-b-rr
Stick	pal	p-ah-l
Fruit	fʁɥi	f-rr-eu-e
Seed-Sementis	səmas	s-aah-m-NasalA-s
Seed-Granum	gʁən	g-rr-eh-n
Leaf	fœj	f-uuh-jg
Root-Radix	ʁadi	rr-ah-d-e
Root-Radicina	ʁasin	rr-ah-s-e-n
BarkOfATree-Skortea	ekoʁs	ay-k-oh-rr-s
Flower	flœʁ	f-l-uuh-rr
Grass	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	vjãd	v-jg-NasalA-d
Blood	sã	s-NasalA
Bone	ɔs	euh-s
FatNoun-Crassia	gʁes	g-rr-eh-s
Egg	œf	uuh-f
Horn	kɔʁn	k-euh-rr-n
Tail	kø	k-uu
Feather	plym	p-l-eeh-m
Feather-Penna	pɛn	p-eh-n

Appendix 5 - Word Lists by Language

Hair	pwal	p-w-ah-l
Hair-Capillus	ʃəvø	shh-aah-v-uu
Head	ʃəvɛ	shh-aah-v-eh
Head-Testa	tɛt	t-eh-t
Ear	oʁej	oh-rr-ayj
Eye	œj	uuh-jg
Nose	ne	n-ay
Mouth	buʃ	b-u-shh
Mouth-Gula	gœl	g-uuh-l
Tooth	dã	d-NasalA
Fingernail	õgl	on-g-l
Foot	pje	p-jg-ay
Leg-Gamba	ʒãb	gzah-NasalA-b
Knee-Geniculum	ʒənu	gzah-aah-n-u
Hand	mẽ	m-ehn
Wing	el	ay-l
Belly	vãtɤ	v-NasalA-t-rr
Belly-Pantex	pãs	p-NasalA-s
Guts	ãtɤaj	NasalA-t-rr-ah-jg
Neck	ku	k-u
Back	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast	sẽ	s-ehn
Breast-Pectus	pi	p-e
Heart	kœɤ	k-uuh-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	sølej	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	sɛl	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-Nebula	njɔly	n-jg-euh-l-eeh
Fog-Tenebras	tenɛbɤ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-eeh-m-ay
Sky	sjɛl	s-jg-eh-l
Wind	vã	v-NasalA
Ice	ʒɛl	gzah-eh-l
Ice-Glacies	glas	g-l-ah-s
Fire-Focus	fø	f-uu
Ash	sãdɤ	s-NasalA-d-rr
Road	vwa	v-w-ah
Road-Camminus	ʃãmẽ	shh-aah-m-ehnn
Mountain	mõ	m-oon
Mountain-Montanea	mõtaɲ	m-on-t-ah-VdPalatalNasal
Night	nqi	n-eu-e
Day-Diurnus	ʒuɤ	gzah-u-rr

Appendix 5 - Word Lists by Language

Day-Diurnata	ʒuɾne	gzah-u-rr-n-ay
Year	ɑ	NasalA
Name-Nomen	nõ	n-oon
Tongue	lãg	l-NasalA-g
ToDrink	bwaɾ	b-w-a-rr
ToEat-Manducare	mãʒe	m-NasalA-gzah-ay
ToBite	moɾdɾ	m-oh-rr-d-rr
ToSuck	syse	s-eeh-s-ay
ToSpit	kõspyɛ	k-oon-s-p-eeh-ay
ToVomit	vomiɾ	v-oh-m-e-rr
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ɾiɾ	rr-e-rr
ToSee	vwaɾ	v-w-ah-rr
ToHear	wiɾ	w-e-rr
ToKnow-Sapere	savwaɾ	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kõnetɾ	k-euh-n-eh-t-rr
ToThink	kũide	k-eu-e-d-ay
ToThink-Pensare	pãse	p-NasalA-s-ay
ToSmell-Sentire	sãtiɾ	s-NasalA-t-e-rr
ToSmell-Fragrare	fleɾe	f-l-eh-rr-ay
ToFear-Tremere	kɾẽdɾ	k-rr-ehn-d-rr
ToSleep	dõmiɾ	d-euh-rr-m-e-rr
ToLive	vivɾ	v-e-v-rr
ToDie	muɾiɾ	m-u-rr-e-rr
ToKill	nwaʒe	n-w-aj-ay
ToKill-Tutari	tɥe	t-eu-ay
ToKill-Mactare	mate	m-ah-t-ay
ToKill-Occidere	õksiɾ	euh-k-s-e-rr
ToFight-Battuere	batɾ	b-ah-t-rr
ToHunt-Captiare	ʃase	shh-ah-s-ay
ToHit	puse	p-u-s-ay
ToCut	sje	s-jg-ay
ToCut-Excurtare	ekuɾte	ay-k-u-rr-t-ay
ToCut-Taliare	tãʒe	t-a-jg-ay
ToSplit-Scindere	sẽde	s-ehnn-d-ay
ToSplit-Findere	fãdɾ	f-NasalA-d-rr
ToSplit-Partire	paktiɾ	p-ah-rr-t-e-rr
ToSplit-Separare	sõvɾe	s-aah-v-rr-ay
ToStab	pwẽdɾ	p-w-ehnn-d-rr
ToStab-Iugulare	ʒygyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	ɾaze	rr-a-zz-ay
ToDig	fwɾ	f-w-e-rr
ToDig-Cavare	ʃõve	shh-aah-v-ay
ToSwim-Navigare	nãʒe	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	ʃəmine	shh-aah-m-e-n-ay
ToWalk-Marcher	maɾʃe	m-ah-rr-shh-ay
ToCome	võniɾ	v-aah-n-e-rr
ToLieAsInABed	etãdɾ	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	ʒeziɾ	gzah-ay-zz-e-rr
ToSit	swaɾ	s-w-ah-rr
ToStand	etɾ	eh-t-rr
ToStand-Levare	lõve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive	tuɾne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	ʒiɾe	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	viɾe	v-e-rr-ay

Appendix 5 - Word Lists by Language

ToTurnIntransitive-Torquere	tɔɹdɹ	t-euh-rr-d-rr
ToFall	ʃwɹ	shh-w-ah-rr
ToFall-Tumbare	tɔbe	t-on-b-ay
ToGive-Donare	dɔne	d-euh-n-ay
ToHold	tɔnɹ	t-aah-n-e-rr
ToSqueeze	ɛpɹɛdɹ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	sɛɹ	s-ay-rr-ay
ToSqueeze-Stringere	ɛtɹɛdɹ	ay-t-rr-ehnn-d-rr
ToRub	fɹɛje	f-rr-ehj-ay
ToRub-Frictare	fɹote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	esɹijɛ	ay-s-eu-e-jg-ay
ToPull	tɹɛ	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahare	tɹɛɹ	t-rr-eh-rr
ToThrow	zɔte	gzah-aah-t-ay
ToThrow-Lanceare	lɔse	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudɹ	k-u-d-rr
ToCount	kɔte	k-on-t-ay
ToCount-Enumerare	enumɛɹ	ay-n-u-m-ay-rr-ay
ToCount-Numerare	nɔbɹɛ	n-oon-b-rr-ay
ToSay	dɹ	d-e-rr
ToSing-AncestralClass	ʃɔte	shh-NasalA-t-ay
ToPlay-Jiocare	zwe	gzah-w-ay
ToFloat	flyktɹɛ	f-l-eeh-k-t-eu-ay
ToFlow	flye	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kurɹ	k-u-rr-e-rr
ToFreeze	zɔle	gzah-aah-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell	ɔfle	NasalA-f-l-ay
ToSwell-Conflare	gɔfle	g-on-f-l-ay
ToSwell-Crescere	kɹwatɹ	k-rr-w-ah-t-rr
ToBurn-Cremare	kɹame	k-rr-ah-m-ay
ToBurn-Flammare	flame	f-l-ah-m-ay
ToBurn-Ardere	ɹdɹ	ah-rr-d-rr
ToBurn-Flagrare	flagɹɛ	f-l-ah-g-rr-ay
ToBurn-Incendere	ɛsɔdjɛ	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okɔ	oh-k-uuhn
Few	pɔ	p-uu
Other	otɹ	oh-t-rr
Big-Grandem	gɹɔ	g-rr-NasalA
Long-Longum	lɔ	l-oon
Long-Largum	lɹɹ	l-ah-rr-gzah
Wide	le	l-ay
Wide-Amplum	ɔpl	NasalA-p-l
Thick	gɹɔ	g-rr-a
Thick-Spissum	ɛpe	ay-p-ay
Thick-Grossum	gɹo	g-rr-oh
Heavy	gɹijɛf	g-rr-e-jg-eh-f
Heavy-Lurdus	lurɹ	l-u-rr
Small	pɔti	p-aah-t-e
Short	kurɹ	k-u-rr
Short-Brevis	bɹɛf	b-rr-eh-f

Appendix 5 - Word Lists by Language

Narrow-Strictus	etɹwa	ay-t-rr-w-ah
Thin	məny	m-aah-n-eeh
Thin-Delicatus	du:ʒe:	d-U-gzah-ai
Warm	ʃo	shh-oh
Cold	fɹwa	f-rr-w-ah
Full	plɛ̃	p-l-ehnn
New	nuvo	n-u-v-oh
Old	vjø	v-jg-uu
Good	bō	b-on
Bad	mal	m-ah-l
Straight	dɹwa	d-rr-w-ah
Round	ɹō	rr-on
Smooth-Nitidus	nɛt	n-eh-t
Dry	sɛk	s-eh-k
Near-Pressus	pɹe	p-rr-ay
Near-Vicinus	vwazɛ̃	v-w-ah-zz-ehnn
Near-Circa	θɛrka	th-ay-er-k-ah
Far	lwɛ̃tɛ̃	l-w-ehnn-t-ehnn
Left	sənɛstɹ	s-aah-n-eh-s-t-rr
Red	ɹu	rr-u
Red-Vermiculus	vɛɹmɛj	v-eh-rr-m-ehj
Red-Rubeus	ɹuʒ	rr-u-gzah
Green	vɛɹ	v-ay-rr
Yellow	ʒon	gzah-oh-n
One	œ	uuhn
Two-Duos	dø	d-uu
Three	tɹwa	t-rr-w-a
Four	katɹ	k-ah-t-rr
Five	sɛk	s-ehn-k
Here	isi	e-s-e
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	dopna	d-oh-VdPalatalNasal-ah
Child	infante	e-n-f-ah-n-t-ay

Appendix 5 - Word Lists by Language

Child-Ninnus	nijo	n-e-VdPalatalNasal-oh
Wife	esposa	ay-s-p-oh-s-ah
Wife-Mulier	muxer	m-u-xha-ay-er
Husband	mariðo	m-ah-er-e-dd-oh
Husband-Sponsus	esposo	ay-s-p-oh-s-oh
Mother	maðre	m-ah-dd-er-ay
Father	paðre	p-ah-dd-er-ay
Father-Tata	tata	t-ah-t-ah
Animal	alimajna	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

Appendix 5 - Word Lists by Language

Wing	ala	ah-l-ah
Belly	bjentre	b-jg-ay-n-t-er-ay
Belly-Pantex	panθa	p-ah-n-th-ah
Guts	entraɲa	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
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	montaja	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	leɲgwa	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

Appendix 5 - Word Lists by Language

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
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-c-er
ToKill-Adnecare	anegar	ah-n-ay-g-ah-er
ToKill-Mactare	matar	m-ah-t-ah-er
ToFight	pupar	p-u-VdPalatalNasal-ah-er
ToFight-Battuere	batir	b-ah-t-e-er
ToHunt-Captiare	kaθar	k-ah-th-ah-er
ToHit	puxar	p-u-xha-ah-er
ToCut	segar	s-ay-g-ah-er
ToCut-Curtare	kortar	k-oh-er-t-ah-er
ToCut-Taliare	taxar	t-ah-xha-ah-er
ToSplit	dibidir	d-e-b-e-d-e-er
ToSplit-Findere	ender	ay-n-d-ay-er
ToSplit-Partire	partir	p-ah-er-t-e-er
ToSplit-Separare	separar	s-ay-p-ah-er-ah-er
ToScratch	raer	r-ah-ay-er
ToScratch-Rasare	rasar	r-ah-s-ah-er
ToScratch-Rasicare	raskar	r-ah-s-k-ah-er
ToDig-Cavare	kabar	k-ah-b-ah-er
ToDig-Excavare	eskabar	ay-s-k-ah-b-ah-er
ToSwim	nadar	n-ah-d-ah-er
ToSwim-Navigare	nabegar	n-ah-b-ay-g-ah-er
ToFly	bolar	b-oh-l-ah-er
ToWalk	kaminar	k-ah-m-e-n-ah-er
ToWalk-Ambitare	andar	ah-n-d-ah-er
ToCome	benir	b-ay-n-e-er
ToLieAsInABed	ekstender	ay-k-s-t-ay-n-d-ay-er
ToLieAsInABed-lacere	jaθer	VdPalatalFricative-ah-th-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sentar	s-ay-n-t-ah-er
ToStand	estar	ay-s-t-ah-er
ToStand-Levare	jebar	VdPalatalFricative-ay-b-ah-er
ToStand-Altiare	alθar	ah-l-th-ah-er
ToTurnIntransitive	tornar	t-oh-er-n-ah-er
ToTurnIntransitive-Gyrate	xirar	xha-e-er-ah-er
ToTurnIntransitive-AncestralClass3	birar	b-e-er-ah-er
ToTurnIntransitive-Torquere	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

Appendix 5 - Word Lists by Language

ToSqueeze-Serare	θerar	th-ay-r-ah-er
ToSqueeze-Appetore	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estrepir	ay-s-t-er-ay-VdPalatalNasal-e-er
ToRub	fregar	f-er-ay-g-ah-er
ToRub-Frictare	frotar	f-er-oh-t-ah-er
ToRub-Frictiare	frisar	f-r-e-s-ah-er
ToWash	laßar	l-ah-bb-ah-er
ToWipe-Extergere	estarsir	ay-s-t-ah-er-s-e-er
ToWipe-Exsucare	enxugar	ay-n-xha-u-g-ah-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	eþar	ay-ts-ah-er
ToThrow-Lanceare	lanθar	l-ah-n-th-ah-er
ToThrow-Eruncare	arankar	ah-r-ah-n-k-ah-er
ToTie	legar	l-ay-g-ah-er
ToTie-Aptare	atar	ah-t-ah-er
ToSew	koser	k-oh-s-ay-er
ToCount	kontar	k-oh-n-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	deθir	d-ay-th-e-er
ToSing-AncestralClass	kantar	k-ah-n-t-ah-er
ToPlay-Ludere	ludir	l-u-d-e-er
ToPlay-Jiocare	xugar	xha-u-g-ah-er
ToFloat	flugtwar	f-l-u-g-t-w-ah-er
ToFlow	fluir	f-l-u-e-er
ToFlow-Colare	kolar	k-oh-l-ah-er
ToFlow-Excurrere	eskurir	ay-s-k-u-r-e-er
ToFlow-Currere	korer	k-oh-r-ay-er
ToFreeze	elar	ay-l-ah-er
ToSwell	inþar	e-n-ts-ah-er
ToSwell-Intumescere	entumeθer	ay-n-t-u-m-ay-th-ay-er
ToSwell-Crescere	kreθer	k-er-ay-th-ay-er
ToBurn-Cremare	kemar	k-ay-m-ah-er
ToBurn-Ardere	arder	ah-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	enθender	ay-n-th-ay-n-d-ay-er
All-Totus	todo	t-oh-d-oh
Many	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	anfpo	ah-n-ts-oh
Thick	graso	g-er-ah-s-oh
Thick-Spissum	espeso	ay-s-p-ay-s-oh
Thick-Gurdum	gordo	g-oh-er-d-oh
Heavy	grabe	g-er-ah-b-ay
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekeþo	p-ay-k-ay-VdPalatalNasal-oh
Short	korto	k-oh-er-t-oh
Short-Brevis	brebe	b-er-ay-b-ay

Appendix 5 - Word Lists by Language

Narrow	angosto	ah-n-g-oh-s-t-oh
Narrow-Strictus	estreño	ay-s-t-er-ay-ts-oh
Thin	menudo	m-ay-n-u-d-oh
Thin-Delicatus	delyaño	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	reñjente	r-ay-th-jg-ay-n-t-ay
Full	leno	yuh-ay-n-oh
New	nweño	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	poñriño	p-oh-dd-er-e-dd-oh
Rotten-Putrem	poñre	p-oh-dd-er-ay
Dirty	sordido	s-oh-er-d-e-d-oh
Round	redondo	r-ay-d-oh-n-d-oh
SharpAsAKnife	ayuña	ah-juh-u-dd-oh
Smooth-Nitidus	niño	n-e-dd-e-oh
Dry	seko	s-ay-k-oh
Near	proximo	p-er-oh-xha-e-m-oh
Near-Vicinus	beño	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

Appendix 5 - Word Lists by Language

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	spɔza	s-p-euh-zz-ah
Wife-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Husband	marito	m-ah-r-e-t-oh
Husband-Sponsus	spɔzo	s-p-euh-zz-oh
Husband-Socius	sɔʎfo	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	utʃʃello	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog	kane	k-ah-n-ay
Louse	pidɔkkjo	p-e-d-euh-k-k-jg-oh
Snake	serpente	s-ay-r-p-ay-n-t-ay
Worm	verme	v-ay-r-m-ay
Tree	albero	ah-l-b-ay-er-oh
Forest	selva	s-ay-l-v-ah
Stick	palo	p-ah-l-oh
Fruit	frutto	f-r-u-t-t-oh
Seed	seme	s-ay-m-ay
Seed-Sementis	semente	s-ay-m-ay-n-t-ay
Seed-Granum	grano	g-r-ah-n-oh
Leaf	fɔʎʎa	f-euh-yuh-yuh-ah
Leaf-Frondea	fronɔza	f-r-oh-n-VdPalatoAlveolarAffricate-ah
Root-Radix	radi:ʃʃe	r-ah-d-E-ts-ay
BarkOfATree	kortifʃe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortetʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Skortea	skɔrtsa	s-k-euh-r-VlAlveolarSibilantAffricate-ah
Flower	fjo:re	f-jg-O-er-ay
Grass	erba	eh-r-b-ah
Rope	fune	f-u-n-ay
Rope-Restis	resta	r-eh-s-t-ah
Skin	kotenna	k-oh-t-ay-n-n-ah
Skin-Pellis	pelle	p-ay-l-l-ay
Meat	karne	k-ah-r-n-ay
Meat-Vivenda	vivanda	v-e-v-ah-n-d-ah
Blood	sangwe	s-ah-n-g-w-ay
Bone	osso	euh-s-s-oh
FatNoun	adipe	ah-d-e-p-ay
Egg	wovo	w-euh-v-oh
Horn	korno	k-euh-r-n-oh
Tail	koda	k-oh-d-ah
Feather	pjuma	p-jg-u-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kapello	k-ah-p-ay-l-l-oh
Head	kavettsa	k-ah-v-ay-t-t-s-ah
Head-Testa	testa	t-eh-s-t-ah
Ear	orekkja	oh-r-ay-k-k-jg-ah

Appendix 5 - Word Lists by Language

Eye	ɔkkjo	euh-k-k-jg-oh
Nose	na:so	n-A-s-oh
Nose-Nares	nariŋfe	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
Leg-Petiolus	pitʃolo	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	pantʃa	p-ah-n-ts-ah
Neck	kollo	k-oh-l-l-oh
Back	dɔsso	d-euh-s-s-oh
Back-Spatula	spalla	s-p-ah-l-l-ah
Breast	seno	s-ay-n-oh
Breast-Pectus	petto	p-eh-t-t-oh
Heart	kwɔre	k-w-euh-r-ay
Heart-Anima	alma	ah-l-m-ah
Liver	fegato	f-ay-g-ah-t-oh
Sun	sole	s-oh-l-ay
Moon	luna	l-u-n-ah
Star	stella	s-t-ay-l-l-ah
Water	akkwa	ah-k-k-w-ah
Rain	pjoddʒa	p-jg-oh-d-VdPalatoAlveolarSibilant-ah
River	fjume	f-jg-u-m-ay
River-Rivus	rio	r-e-oh
Lake	laɔo	l-ah-g-oh
Sea	mare	m-ah-r-ay
Salt	sale	s-ah-l-ay
Stone	sasso	s-ah-s-s-oh
Stone-Petra	pje:tra	p-jg-ai-t-r-ah
Stone-Lapidem	lapide	l-ah-p-e-d-ay
Sand-Sabula	sabbja	s-ah-b-b-jg-ah
Dust	polvere	p-oh-l-v-ay-r-ay
Earth	terra	t-eh-r-r-ah
Cloud	nube	n-u-b-ay
Cloud-Nubilus	nuvola	n-u-v-oh-l-ah
Fog	kalidʒine	k-ah-l-e-VdPalatoAlveolarSibilant-e-n-ay
Fog-Nebula	nebbja	n-ay-b-b-jg-ah
Fog-Tenebrae	tɛ:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	tɛ:nebre	t-Eh-n-ay-b-r-ay
Fog-Fumata	fuma:ta	f-u-m-A-t-ah
Sky	ʃfelo	ts-eh-l-oh
Wind	vento	v-eh-n-t-oh
Snow	neve	n-ay-v-ay
Ice	dʒelo	VdPalatoAlveolarSibilant-eh-l-oh
Ice-Glacies	gʒatʃa	g-jg-ah-t-ts-ah
Smoke	fumo	f-u-m-oh
Fire-Focus	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

Appendix 5 - Word Lists by Language

Mountain	monte	m-oh-n-t-ay
Mountain-Montanea	montanna	m-oh-n-t-ah-VdPalatalNasal-VdPalatalNasal-ah
Night	notte	n-euh-t-t-ay
Day	di	d-e
Day-Diurnus	dorno	VdPalatoAlveolarSibilant-oh-r-n-oh
Day-Diurnata	dornata	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
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	konojjere	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	utjidere	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	katjjare	k-ah-t-ts-ah-r-ay
ToHit	pulsare	p-u-l-s-ah-r-ay
ToCut	segare	s-ay-g-ah-r-ay
ToCut-Excurtare	skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	taʎʎa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	jfindere	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

Appendix 5 - Word Lists by Language

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	dʒatʃe: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-VIAlveolarSibilantAffricate-ah-r-ay
ToTurnIntransitive	tornare	t-oh-r-n-ah-r-ay
ToTurnIntransitive-Gyrate	dʒirare	VdPalatoAlveolarSibilant-e-r-ah-er-ay
ToTurnIntransitive-AncestralClass3	virare	v-e-r-ah-er-ay
ToTurnIntransitive-Torquere	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	strindʒere	s-t-r-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToRub	fregare	f-r-ay-g-ah-r-ay
ToRub-Frictare	frettare	f-r-ay-t-t-ah-r-ay
ToWash	lavare	l-ah-v-ah-r-ay
ToWipe	terdzere	t-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWipe-Exsucare	aʃʃugare	ah-shh-shh-u-g-ah-r-ay
ToPull	tirare	t-e-r-ah-r-ay
ToPull-Pulsare	pulsare	p-u-l-s-ah-r-ay
ToPull-Trahere	trarre	t-r-ah-r-r-ay
ToPush	impindʒere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToThrow	dʒettare	VdPalatoAlveolarSibilant-ay-t-t-ah-r-ay
ToThrow-Lanceare	lanʃare	l-ah-n-ts-ah-r-ay
ToThrow-Eruncare	arronʃare	ah-r-r-oh-n-ts-ah-r-ay
ToTie	legare	l-ay-g-ah-r-ay
ToSew	kutʃire	k-u-ts-e-r-ay
ToCount	kontare	k-oh-n-t-ah-r-ay
ToCount-Enumerare	enumerare	ay-n-u-m-ay-r-ah-r-ay
ToCount-Numerare	noverare	n-oh-v-ay-r-ah-r-ay
ToSay	dire	d-e-r-ay
ToSay-Exponere	sporre	s-p-oh-r-r-ay
ToSing-AncestralClass	kantare	k-ah-n-t-ah-r-ay
ToPlay-Jiocare	dʒokare	VdPalatoAlveolarSibilant-oh-k-ah-r-ay
ToFloat	fluttuare	f-l-u-t-t-u-ah-r-ay
ToFloat-Fluitare	fluitare	f-l-u-e-t-ah-r-ay
ToFlow	fluire	f-l-u-e-r-ay
ToFlow-Colare	kolare	k-oh-l-ah-r-ay
ToFlow-Excurrere	skorrere	s-k-oh-r-r-ay-r-ay
ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze	dʒelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay
ToFreeze-Glaciare	gʒatʃʃare	g-jg-ah-t-ts-jg-ah-r-ay
ToSwell	enfiare	ay-n-f-e-ah-r-ay
ToSwell-Conflare	gonʃare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreʃʃere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Cremare	kremare	k-r-ay-m-ah-r-ay
ToBurn-Flammare	fjammare	f-jg-ah-m-m-ah-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Flagrare	flagrare	f-l-ah-g-r-ah-r-ay

Appendix 5 - Word Lists by Language

ToBurn-Incendere	intʃɛndjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-Ustulare	ustolare	u-s-t-oh-l-ah-r-ay
All	opni	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	mapjo	m-ah-VdPalatalNasal-VdPalatalNasal-oh
Big-Grandem	grande	g-r-ah-n-d-ay
Long-Longum	lungo	l-u-n-g-oh
Long-Largum	largo	l-ah-r-g-oh
Wide	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-Grossum	grosso	g-r-euh-s-s-oh
Heavy	grave	g-r-eh-v-ay
Heavy-Lurdus	lordo	l-oh-r-d-oh
Small-Pittinus	pittjino	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	refʃente	r-ay-ts-eh-n-t-ay
Full	pjeːno	p-jg-Eh-n-oh
New	novo	n-euh-v-oh
Old	vekkjo	v-eh-k-k-jg-oh
Good	bwɔːno	b-w-LongOpenMidBackRounded-n-oh
Bad	malo	m-ah-l-oh
Rotten	putrido	p-u-t-r-e-d-oh
Dirty	sordido	s-euh-r-d-e-d-oh
Dirty-Spurcus	sporko	s-p-euh-r-k-oh
Straight	dritto	d-r-e-t-t-oh
Round	ritondo	r-e-t-oh-n-d-oh
DullAsAKnife	ebete	eh-b-ay-t-ay
DullAsAKnife-Retusus	retuzo	r-ay-t-u-zz-oh
Smooth	soave	s-oh-ah-v-ay
Smooth-Nitidus	netto	n-ay-t-t-oh
Wet	umido	u-m-e-d-oh
Dry	sekko	s-ay-k-k-oh
Correct	korretto	k-oh-r-r-ay-t-t-oh
Near	prossimo	p-r-euh-s-s-e-m-oh
Near-Pressus	presso	p-r-eh-s-s-oh
Near-Vicinus	viʃjino	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	vermiʌʌo	v-ay-r-m-e-yuh-yuh-oh

Appendix 5 - Word Lists by Language

Red-Rubeus	rəbbjo	r-euh-b-b-jg-oh
Green	verde	v-ay-r-d-ay
Yellow-Croceus	kroʃeo	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	ʃiŋkwe	ts-e-nya-k-w-ay
Here	kwi	k-w-e
There	la	l-ah
There-Ibi	vi	v-e
Who-Qui	ki	k-e
What	ke	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	kome	k-oh-m-ay
Not	non	n-oh-n
Not-Nec	ne	n-ay
At	a	ah
In-In	in	e-n
With-Cum	kon	k-oh-n
And-Et	e	ay
And-Si	si	s-e
Because-Quod	ke	k-ay

Brazilian Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nojs	n-mid_low_diphthong-s
YouPlural	vojs	v-mid_low_diphthong-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-oh-s-ay
Woman	femeɐ	f-ay-m-ay-ahh
Woman-Mulier	muʎeɐ	m-u-yuh-ay-rr
Woman-Domina	done	d-oh-n-ahh
Child	ʃfɛʃi	een-f-ahn-ts-e
Child-Ninnus	nenɛj	n-ay-n-ehnj
Wife	ispoza	e-s-p-oh-zz-ah
Wife-Mulier	muʎeɐ	m-u-yuh-ay-rr
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	bifɛ	b-e-shh-ahh
Fish-Piskem	pɛʃʃi	p-ayj-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɛru	p-ah-s-ahh-er-u
Dog	kɛw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛkɐʃʃi	s-ay-rr-p-ehn-ts-e
Worm	veɾmi	v-ay-rr-m-e
Tree	akvori	ah-rr-v-oh-er-e
Forest	sewva	s-eh-w-v-ah
Stick	paw	p-ah-w

Appendix 5 - Word Lists by Language

Fruit	frute	f-er-u-t-ahh
Seed-Sementis	semẽtʃĩ	s-ay-m-ehn-ts-e
Seed-Granum	grẽw	g-er-au_diphthong_nasal
Leaf	foʎe	f-oh-yuh-ahh
Leaf-Frondea	frõse	f-er-on-s-ahh
Root	ʁais	rr-ah-e-s
BarkOfATree	kõʁtʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kõʁtʃisẽ	k-oh-rr-ts-e-s-ahh
Flower	floʁ	f-l-oh-rr
Grass	ekʏe	ay-rr-v-ahh
Grass-Gramen	grẽmẽ	g-er-ahn-m-ahh
Rope-Restis	ʁeʃʃĩ	rr-eh-shh-ts-e
Skin	kodʒiẽ	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peli	p-eh-l-e
Meat	karni	k-ah-rr-n-e
Meat-Vivenda	vivẽda	v-e-v-ehn-d-ah
Blood	sẽgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	graʃe	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kõgnu	k-oh-rr-n-u
Tail	kaudẽ	k-au-d-ahh
Feather-Penna	penẽ	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	tẽstẽ	t-eh-s-t-ahh
Ear	oreʎe	oh-er-ay-yuh-ahh
Eye	olu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth	bokẽ	b-oh-k-ahh
Tooth	dẽʃʃĩ	d-ehn-ts-e
Fingernail	unẽ	u-VdPalatalNasal-ahh
Foot	pẽ	p-eh
Leg-Perna	pẽkne	p-eh-rr-n-ahh
Knee-Geniculum	zueʎu	gzah-u-ay-yuh-u
Hand	mẽw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pẽsẽ	p-ahn-s-ahh
Guts	ĩtrẽpẽ	een-t-er-ahn-VdPalatalNasal-ahh
Neck	kolu	k-euh-l-u
Back-Spatula	ĩʃpadwẽ	e-shh-p-ah-d-w-ahh
Breast	seju	s-ayj-u
Breast-Pectus	pejtu	p-ayj-t-u
Heart	kõʁ	k-euh-rr
Heart-Anima	awmẽ	ah-w-m-ahh
Liver	figẽdu	f-e-g-ahh-d-u
Sun	sõw	s-euh-w
Moon	luẽ	l-u-ahh
Star	istrelẽ	e-s-t-er-ay-l-ahh
Water	agwe	ah-g-w-ahh
Rain	ʃuve	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

Appendix 5 - Word Lists by Language

Stone	sejfu	s-ayj-shh-u
Stone-Petra	pedrø	p-ay-d-er-ahh
Sand	arejø	ah-er-ayj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	pø	p-euh
Earth	terø	t-ay-rr-ahh
Cloud	nuvẽj	n-u-v-ehnj
Fog	kalizẽj	k-ah-l-e-gzah-ehnj
Fog-Nebula	nevvrø	n-eh-v-w-ahh
Fog-Tenebras	trẽvrø	t-er-eh-v-ahh-s
Fog-Fumata	fumasø	f-u-m-ah-s-ahh
Sky	søw	s-eh-w
Wind	vẽtu	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	sizø	s-een-zz-ahh
Road	viø	v-e-ahh
Road-Strata	istradø	e-s-t-er-ah-d-ahh
Road-Camminus	kamĩnu	k-ah-m-een-VdPalatalNasal-u
Mountain	mõfĩ	m-on-ts-e
Mountain-Montanea	mõtẽrø	m-on-t-ahn-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diø	d-e-ahh
Day-Diurna	zøvna	gzah-cuh-rr-n-ah
Year	ønu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
Tongue	liḡwø	l-een-g-w-ahh
ToDrink	bebeø	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mẽzak	m-ahn-gzah-ah-rr
ToBite	moødeø	m-oh-rr-d-ay-rr
ToBite-Morsicare	musøga	m-u-s-aah-g-ah
ToSuck	sugaø	s-u-g-ah-rr
ToSpit	kuspiø	k-u-s-p-e-rr
ToBreathe	øspigar	rr-ay-s-p-e-er-ah-er
ToLaugh	kiø	rr-e-rr
ToSee	veø	v-ay-rr
ToHear	owviø	oh-w-v-e-rr
ToKnow-Sapere	sabeø	s-ah-b-ay-rr
ToKnow-Cognoscere	koøneseø	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuzitaø	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pẽsaø	p-ehn-s-ah-rr
ToSmell-Sentire	sẽfĩiø	s-ehn-ts-e-rr
ToSmell-Fragrare	fejraø	shh-ayj-er-ah-rr
ToFear	temeø	t-ay-m-ay-rr
ToFear-Tremere	tremeø	t-er-ay-m-ay-rr
ToSleep	doømiø	d-oh-rr-m-e-rr
ToLive	viveø	v-e-v-ay-rr
ToDie	moøkeø	m-oh-rr-ay-rr
ToKill-Mactare	mataø	m-ah-t-ah-rr
ToFight-Battuere	bateø	b-ah-t-ay-rr
ToHunt-Captiare	kaøsaø	k-ah-s-ah-rr
ToHit	puøfaø	p-u-shh-ah-rr
ToCut	segaø	s-ay-g-ah-rr
ToCut-Curtare	koøtaø	k-oh-rr-t-ah-rr
ToCut-Taliare	taølaø	t-ah-yuh-ah-rr

Appendix 5 - Word Lists by Language

ToSplit	dʒivɪdʒɪk	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fɛdɛk	f-ehn-d-ay-rr
ToSplit-Partire	paɪtʃɪk	p-ah-rr-ts-e-rr
ToSplit-Separare	separaɪk	s-ay-p-ah-er-ah-rr
ToStab	pʊzɪk	p-ooo-gzah-e-rr
ToScratch	kaɪk	rr-ah-ay-rr
ToScratch-Rasare	kaɪk	rr-ah-zz-ah-rr
ToScratch-Rasicare	kaɪkaɪk	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaɪ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	kevaɪk	k-ahh-v-ah-rr
ToDig-Excavare	ɪʃkevaɪk	e-shh-k-ahh-v-ah-rr
ToSwim	nadaɪk	n-ah-d-ah-rr
ToSwim-Navigare	naviɪvaɪk	n-ah-v-eee-juh-ah-rr
ToFly	voaɪk	v-oh-ah-rr
ToWalk	kɛmɪnaɪk	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ɛdaɪk	ahn-d-ah-rr
ToCome	viɪk	v-e-rr
ToLieAsInABed	istɛdɛk	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ʒɛzɛk	gzah-ahh-zz-ay-rr
ToSit	sɛk	s-ay-rr
ToSit-Sedentare	sɛtar	s-ehn-t-ah-er
ToStand	ɪʃtar	eee-shh-t-ah-er
ToStand-Levare	levaɪk	l-ay-v-ah-rr
ToStand-Altiare	alsa	ah-ssha-s-ah
ToTurnIntransitive	toɪnaɪk	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrare	ʒɪraɪk	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	viɪraɪk	v-e-er-ah-er
ToTurnIntransitive-Torque	turser	t-u-r-s-ay-r
ToFall	keɪr	k-ahh-e-er
ToFall-Tumbare	tɔbaɪk	t-on-b-ah-rr
ToGive	daɪk	d-ah-rr
ToGive-Donare	doa	d-oh-ah
ToHold	teɪk	t-ay-rr
ToHold-Segurar	siguraɪk	s-eee-g-u-er-ah-rr
ToSqueeze	ɪʃprɛmeɪk	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	sɛra	s-ay-rr-ah
ToSqueeze-Serare	sɪraɪk	s-eee-rr-ah-er
ToSqueeze-Appetorare	ɛpɪtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	ɔʃtɪɪzɪr	aah-shh-t-r-eeen-gzah-e-r
ToRub-Exfricare	ɪʃfrigaɪk	eee-shh-f-er-eee-g-ah-er
ToWash	lɛvaɪk	l-ahh-v-ah-er
ToWipe-Exsucare	ɛʃɪgaɪk	ehn-shh-u-g-ah-er
ToWipe-Limpidare	lɪpaɪk	l-eeen-p-ah-er
ToPull	ʃɪra	ts-e-er-ah
ToPull-Pulsare	pʊfaɪk	p-u-shh-ah-er
ToPull-Trahare	traɪk	t-er-ah-zz-ay
ToThrow	ʒɛɪtar	gzah-ayj-t-ah-er
ToThrow-Lanceare	lɛsa	l-ahn-s-ah
ToTie-Aptare	ɛtar	ahh-t-ah-er
ToSew	kuzɛr	k-u-zz-ay-er
ToCount	kɔtar	k-on-t-ah-er
ToCount-Enumerare	enumeraɪk	ay-n-u-m-ay-er-ah-er
ToSay	dɪzɛr	d-e-zz-ay-er
ToSing-AncestralClass	kɛtar	k-ahn-t-ah-er
ToPlay-Jiocare	ʒogaɪk	gzah-oh-g-ah-rr
ToFloat	flutuɪk	f-l-u-t-u-ah-rr
ToFlow	flwiɪk	f-l-w-e-rr

Appendix 5 - Word Lists by Language

ToFlow-Colare	koak	k-oh-ah-rr
ToFlow-Excurrere	ijkoek	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	koek	k-oh-rr-ay-rr
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	ifar	een-shh-ah-er
ToSwell-Intumescere	itumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kresek	k-er-ay-s-ay-rr
ToBurn-Cremare	kejmare	k-ahhj-m-ah-er-ay
ToBurn-Ardere	akdek	ah-rr-d-ay-rr
ToBurn-Flagrare	flagkak	f-l-ah-g-rr-ah-rr
ToBurn-Incendere	isendziar	een-s-ay-n-VdPalatoAlveolarSibilant-l-ah-er
All-Totus	todu	t-oh-d-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	tetu	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	grēdzi	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lōgu	l-on-g-u
Long-Largum	laugu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ēfu	ahn-shh-u
Thick-Spissum	ispesu	e-s-p-eh-s-u
Thick-Grossum	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	kustu	k-u-rr-t-u
Short-Brevis	brevi	b-er-eh-v-e
Narrow-Strictus	istrejtu	e-s-t-er-ayj-t-u
Thin	miudu	m-e-u-d-u
Thin-Delicatus	dewgadu	d-ay-w-g-ah-d-u
Thin-Subtilis	sufiŵ	s-u-ts-e-w
Warm	kawdu	k-ah-w-d-u
Cold	friu	f-er-e-u
Cold-Recens	kesēfi	rr-ay-s-ehn-ts-e
Full	fejtu	shh-ahhj-u
New	novu	n-oh-v-u
Old	vējlu	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	dzirejtu	VdPalatoAlveolarSibilant-e-er-ayj-t-u
Round	kedōdu	rr-ay-d-on-d-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	destru	d-eh-s-t-er-u
Left	seftru	s-eh-shh-t-er-u
Red	koʃu	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	vekmeļu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee

Appendix 5 - Word Lists by Language

Yellow-Amarellus	ɐmarelu	ahh-m-ah-er-eh-l-u
White	awvu	ah-w-v-u
One	ũ	ooo
Two-Duos	dojs	d-øj_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	kěj	k-ehnj
What	ki	k-e
When-Quando	kwědu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	něw	n-au_diphthong_nasal
Not-Nec	něj	n-ehnj
At	a	ah
In-In	ěj	ehnj
With-Cum	kō	k-on
And-Et	i	e
And-Si	sī	s-een
Because-Quod	ki	k-e

Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nɔf	n-euh-shh
YouPlural	voɫ	v-oh-shh
YouSingular	tu	t-u
YouSingular-VostramMercedem	vɔse	v-euh-s-ay
Woman	femjə	f-ay-m-jg-ahh
Woman-Mulier	muɫer	m-u-yuh-ay-er
Woman-Domina	done	d-oh-n-ahh
Child	ĩfeti	een-f-ahn-t-eee
Child-Ninnus	neněj	n-ay-n-ehnj
Wife	ĩfpozə	eee-shh-p-oh-zz-ahh
Wife-Mulier	muɫer	m-u-yuh-ay-er
Husband	məriðu	m-ahh-er-e-dd-u
Husband-Sponsus	ĩfpozɯ	eee-shh-p-oh-zz-u
Mother	měj	m-ahnjn
Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bijə	b-e-shh-ahh
Fish-Piskem	pɛjfi	p-ahhj-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasɛru	p-ah-s-ahh-er-u
Dog	kěw	k-au_diphthong_nasal
Louse	pioɫu	p-e-oh-yuh-u
Snake	sɪrpɛti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	sɛɫvə	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frutə	f-er-u-t-ahh

Appendix 5 - Word Lists by Language

Seed-Sementis	simč̣ti	s-eee-m-ehn-t-eee
Seed-Granum	gr̥w	g-er-au_diphthong_nasal
Leaf	foʎ̥	f-oh-yuh-ahh
Leaf-Frondea	fr̥ðs̥	f-er-on-s-ahh
Root	ʁ̥iʃ	rr-ahh-e-shh
BarkOfATree	ḳortisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtis̥	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	ɛrv̥	eh-er-v-ahh
Grass-Gramen	gr̥m̥	g-er-ahh-m-ahh
Rope-Restis	ʁ̥ɛʃti	rr-ay-shh-t-eee
Skin	kodi̥	k-oh-d-e-ahh
Skin-Pellis	peli	p-ay-l-eee
Meat	karni	k-ah-er-n-eee
Meat-Vivenda	viv̥d̥	v-e-v-ehn-d-ahh
Blood	s̥ɛgi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun-Crassia	gr̥af̥	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kornu	k-oh-er-n-u
Tail	kaud̥	k-au-d-ahh
Feather-Penna	pen̥	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	k̥ɛβ̥elu	k-ahh-bb-ay-l-u
Head	k̥ɛβ̥es̥	k-ahh-bb-ay-s-ahh
Head-Testa	t̥ɛʃt̥	t-eh-shh-t-ahh
Ear	orejʎ̥	oh-er-ahhj-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	n̥ɛriʃ	n-ahh-er-e-shh
Mouth	bok̥	b-oh-k-ahh
Tooth	d̥ɛti	d-ehn-t-eee
Fingernail	uɲ̥	u-VdPalatalNasal-ahh
Foot	p̥	p-eh
Leg-Perna	p̥ɛrn̥	p-eh-er-n-ahh
Knee-Geniculum	ʒw̥ɛʎu	gzah-w-ahh-yuh-u
Hand	m̥ɛw̥	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	p̥ɛs̥	p-ahn-s-ahh
Guts	ɛ̣tr̥ɛɲ̥	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	ḳolu	k-euh-l-u
Back-Spatula	if̥padw̥	e-shh-p-ah-d-w-ahh
Breast	s̥ɛju	s-ahhj-u
Breast-Pectus	p̥ɛjtu	p-ahhj-t-u
Heart	kor	k-oh-er
Heart-Anima	alm̥	ah-l-m-ahh
Liver	fiy̥ɔ̣du	f-e-juh-ahh-dd-u
Sun	ṣoʎ̥	s-euh-ssha
Moon	lu̥	l-u-ahh
Star	if̥treʎ̥	eee-shh-t-er-ay-l-ahh
Water	agw̥	ah-g-w-ahh
Rain	ʃuv̥	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	ʁ̣iu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	ṣɛj̣fu	s-ahhj-shh-u

Appendix 5 - Word Lists by Language

Stone-Petra	peðrə	p-eh-dd-er-ahh
Sand	ɛrɛjə	ahh-er-ahhj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	tɛkɛ	t-eh-rr-ahh
Cloud	nuvɛj	n-u-v-ahnjn
Fog	kɛliʒɛj	k-ahh-l-e-gzah-ahnjn
Fog-Nebula	nɛvwɛ	n-eh-v-w-ahh
Fog-Tenebras	trɛvɛʃ	t-er-eh-v-ahh-shh
Fog-Fumata	fumasɛ	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vɛtu	v-ehn-t-u
Snow	nɛvi	n-eh-v-eee
Smoke	fumu	f-u-m-u
Fire-Focus	foɣu	f-oh-juh-u
Ash-Cinisia	sizɛ	s-een-zz-ahh
Road	viɛ	v-e-ahh
Road-Strata	ɪʃtraðɛ	e-shh-t-er-ah-dd-ahh
Road-Camminus	kɛmɪnu	k-ahh-m-e-VdPalatalNasal-u
Mountain	mōti	m-on-t-eee
Mountain-Montanea	mōtɛpɛ	m-on-t-ahh-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diɛ	d-e-ahh
Day-Diurna	ʒɔkna	gzah-euh-rr-n-ah
Year	ɛnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
Tongue	liɡwɛ	l-een-g-w-ahh
ToDrink	bɪʃɛr	b-eee-bb-ay-er
ToEat	kumer	k-u-m-ay-er
ToEat-Manducare	mɛʒar	m-ahn-gzah-ah-er
ToBite	murðɛr	m-u-er-dd-ay-er
ToBite-Morsicare	musəɡar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	kuʃpɪr	k-u-shh-p-e-er
ToBreathe	ɪʃpɪrar	rr-eee-shh-p-e-er-ah-er
ToLaugh	ɪr	rr-e-er
ToSee	ver	v-ay-er
ToHear	owvir	oh-w-v-e-er
ToKnow-Sapere	sɛber	s-ahh-b-ay-er
ToKnow-Cognoscere	kupiser	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	kuzitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	pɛsar	p-ehn-s-ah-er
ToSmell-Sentire	sɛtir	s-ehn-t-e-er
ToSmell-Fragrare	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	muɛr	m-u-rr-ay-er
ToKill-Mactare	mɛtar	m-ahh-t-ah-er
ToFight-Battuere	bɛtɛr	b-ahh-t-ay-er
ToHunt-Captiare	kɛsar	k-ahh-s-ah-er
ToHit	puʃar	p-u-shh-ah-er
ToCut	siɣar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	tɛɣar	t-ahh-yuh-ah-er
ToSplit	diviðir	d-e-v-e-dd-e-er

Appendix 5 - Word Lists by Language

ToSplit-Findere	fēder	f-ehn-d-ay-er
ToSplit-Partire	pərtir	p-ahh-er-t-e-er
ToSplit-Separare	sipərar	s-eee-p-ahh-er-ah-er
ToStab	pūzir	p-ooo-gzah-e-er
ToScratch	køer	rr-ahh-ay-er
ToScratch-Rasare	kəzar	rr-ahh-zz-ah-er
ToScratch-Rasicare	kəʃkar	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	kəvar	k-ahh-v-ah-er
ToDig-Excavare	ijkəvar	e-shh-k-ahh-v-ah-er
ToSwim	nəðar	n-ahh-dd-ah-er
ToSwim-Navigare	nəviyar	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er
ToWalk	kəmijar	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ədar	ahn-d-ah-er
ToCome	vir	v-e-er
ToLieAsInABed	ijfēder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zəzer	gzah-ahh-zz-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	ijtar	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	zicar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zicar	gzah-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	kəir	k-ahh-e-er
ToFall-Tumbare	tōbar	t-on-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	duar	d-u-ah-er
ToHold	ter	t-ay-er
ToHold-Segurar	siyurar	s-eee-juh-u-er-ah-er
ToSqueeze	ifprəmer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sərar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sikar	s-eee-rr-ah-er
ToSqueeze-Appetorare	əpirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃtrīzir	aah-shh-t-r-eeen-gzah-e-r
ToRub-Exfricare	iffriyar	eee-shh-f-er-eee-juh-ah-er
ToWash	lavar	l-ahh-v-ah-er
ToWipe-Exsucare	əʃuvar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	lipar	l-eeen-p-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	pufar	p-u-shh-ah-er
ToPull-Trahere	trəzer	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ayj-t-ah-er
ToThrow-Lanceare	ləsar	l-ahn-s-ah-er
ToTie-Aptare	ətar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kōtar	k-on-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kətar	k-ahn-t-ah-er
ToPlay-Jiocare	zuvar	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

Appendix 5 - Word Lists by Language

ToFlow-Excurrere	ɪʃkurer	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kuker	k-u-rr-ay-er
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	ɪʃar	een-shh-ah-er
ToSwell-Intumescere	ɪtumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriʃser	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmaʁe	k-ayj-m-ah-rr-ay
ToBurn-Ardere	ʁder	ahh-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	ɪsɛdjar	een-s-ehn-d-jg-ah-er
All-Totus	toðu	t-oh-dd-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	tɛtu	t-ahn-t-u
Some	aɫgũ	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aɫ	ah-ssha
Big-Grandem	grɛdi	g-er-ahn-d-eee
Long-Longum	lõgu	l-on-g-u
Long-Largum	largu	l-ah-er-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ẽʃu	ahn-shh-u
Thick	graʃu	g-er-ah-shh-u
Thick-Spissum	ɪʃpesu	e-shh-p-ay-s-u
Thick-Grossum	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	brɛvi	b-er-eh-v-eee
Narrow-Strictus	ɪʃtrɛjtu	eee-shh-t-er-ahhj-t-u
Thin	miuðu	m-e-u-dd-u
Thin-Delicatus	dɛɫyaðu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	suɫɫiw	s-u-ts-e-w
Warm	kaldu	k-ah-l-d-u
Cold	friu	f-er-e-u
Cold-Recens	ʁesɛʃi	rr-ay-s-ehn-ts-e
Full	ʃɛju	shh-ahhj-u
New	novu	n-oh-v-u
Old	veɫu	v-ay-yuh-u
Good	bõ	b-on
Bad	maw	m-ah-w
Rotten-Putrem	poðri	p-oh-dd-er-eee
Dirty	sɔrdidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ɪʃpurku	e-shh-p-u-er-k-u
Straight	dirɛjtu	d-e-er-ahhj-t-u
Round	ʁidõdu	rr-eee-d-on-d-u
SharpAsAKnife	ɛyũðu	ahh-juh-u-dd-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	viziɲu	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	dɛʃtru	d-eh-shh-t-er-u
Left	sɛʃtru	s-eh-shh-t-er-u
Red	ʁoʃu	rr-oh-shh-u
Red-Vermiculus	viʁmɛjɫu	v-eee-er-m-ahhj-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh

Appendix 5 - Word Lists by Language

Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɐməɾɛlu	ahh-m-ahh-er-eh-l-u
White	alvu	ah-l-v-u
One	ũ	ooo
Two-Duos	dojʃ	d-oj_diphthong-shh
Two-Duas	duɛʃ	d-u-ahh-shh
Three	treʃ	t-er-ay-shh
Four	kwatru	k-w-ah-t-er-u
Five	sĩku	s-een-k-u
Here	ɐki	ahh-k-e
There	la	l-ah
There-Adlbi	ɐi	ahh-e
Who-Quem	kẽj	k-ahnjn
What	ki	k-eee
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-ahnjn
At	ɐ	ahh
In-In	ẽj	ahnjn
With-Cum	kõ	k-on
And-Et	i	e
And-Si	sĩ	s-een
Because-Quod	ki	k-eee

Catalan

Cognate	IPA	Sounds
I	ʒə	gzah-euh
YouPlural	bus	b-u-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	voste	v-oh-s-t-ay
Woman	fembra	f-ay-m-b-er-ah
Woman-Mulier	muʎe	m-u-yuh-ay
Woman-Domina	dɔnə	d-euh-n-aah
Child-Ninnus	nen	n-ay-n
Wife	əspəzə	aah-s-p-euh-zz-aah
Wife-Mulier	muʎe	m-u-yuh-ay
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	pɛʃ	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Avicellum	useʎ	u-s-ay-yuh
Dog	ka	k-ah
Louse	poʎ	p-oh-yuh
Snake	sərpen	s-aah-r-p-ay-n
Worm	vɛrm	v-eh-er-m
Tree	abrə	ah-b-er-aah
Forest	selba	s-ay-l-b-ah
Stick	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

Appendix 5 - Word Lists by Language

Root	ərel	aah-r-eh-l
BarkOfATree-Skortea	əskɔrsə	aah-s-k-euh-r-s-aah
Flower	flɔ	f-l-euh
Grass	erbə	ay-r-b-aah
Grass-Gramen	gram	g-er-ah-m
Skin	konnə	k-oh-n-n-aah
Skin-Pellis	peɹ	p-ay-yuh
Meat	karn	k-ah-r-n
Blood	saŋ	s-ah-nya
Bone	ɔs	euh-s
FatNoun-Crassia	greɹf	g-er-ay-shh
Egg	ɔw	euh-w
Horn	kɔrn	k-euh-r-n
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	peɹnə	p-eh-VdPalatalNasal-aah
Hair	pel	p-eh-l
Hair-Capillus	kəbeɹ	k-aah-b-eh-yuh
Head	kap	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	ureɹlə	u-er-eh-yuh-aah
Nose	nas	n-ah-s
Nose-Nares	na:ris	n-A-r-I-s
Mouth	bokə	b-oh-k-aah
Mouth-Gula	golə	g-oh-l-aah
Foot	pɛw	p-eh-w
Leg-Gamba	kambə	k-ah-m-b-aah
Leg-Perna	pɛrnə	p-eh-r-n-aah
Knee-Geniculum	ʒənoɹ	gzah-aah-n-oh-yuh
Wing	alə	ah-l-aah
Belly	bentrə	b-ay-n-t-er-aah
Belly-Pantex	pəɹɹfə	p-ah-VdPalatalNasal-shh-aah
Guts	əntrəɹnə	aah-n-t-er-ah-VdPalatalNasal-aah
Neck	kɔɹ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaɹɹlə	aah-s-p-ah-yuh-yuh-aah
Breast	si	s-e
Breast-Pectus	pit	p-e-t
Heart	kɔr	k-euh-r
Liver	fedʒə	f-ay-VdPalatoAlveolarSibilant-aah
Sun	sɔl	s-euh-l
Moon	ɹunə	yuh-u-n-aah
Star	əstɛl	aah-s-t-eh-l
Water	ajɹwə	aj-juh-w-aah
Rain	pluzə	p-l-u-gzah-aah
River-Rivus	riw	r-e-w
Lake	ɹak	yuh-ah-k
Sea	mar	m-ah-r
Salt	sal	s-ah-l
Stone-Petra	peðrə	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

Appendix 5 - Word Lists by Language

Sky	seɪ	s-eh-l
Wind	ben	b-ay-n
Snow	new	n-ay-w
Ice	ʒeɪ	gzah-eh-ssha
Ice-Glacies	glas	g-l-ah-s
Smoke	fum	f-u-m
Fire-Focus	fɔk	f-euh-k
Ash	sendrə	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	ʒorn	gzah-oh-er-n
Year	aɪ	ah-VdPalatalNasal
Name-Nomen	nɔm	n-euh-m
ToDrink	bewrə	b-eh-w-er-aah
ToEat-Manducare	məɪzə	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəɪə	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	bewrə	b-eh-w-er-aah
ToHear	ui	u-e
ToKnow-Sapere	səpɛ	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	səɪə	s-aah-juh-ah
ToCut-Taliare	təɪa	t-aah-yuh-ah
ToSplit	dibidi	d-e-b-e-d-e
ToSplit-Findere	fendrə	f-eh-n-d-er-aah
ToSplit-Partire	pərti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab	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

Appendix 5 - Word Lists by Language

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	ləba	yuh-aah-b-ah
ToStand-Altiare	əlsa	aah-l-s-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Gyrare	zira	gzah-e-cr-ah
ToTurnIntransitive-AncestralClass3	bira	b-e-cr-ah
ToTurnIntransitive-Torque	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
ToSqueeze-Serrere	səra	s-aah-r-ah
ToSqueeze-Stringere	əstreɲə	aah-s-t-er-eh-VdPalatalNasal-aah
ToRub	frəga	f-er-aah-g-ah
ToRub-Frictiare	frəsa	f-er-aah-s-ah
ToWash	ləba	yuh-aah-b-ah
ToWipe-Extergere	əstərzi	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	əfuga	aah-shh-u-g-ah
ToPull	tira	t-e-cr-ah
ToPull-Trahere	təwɾə	t-er-eh-w-er-aah
ToPush	əmpɛɲə	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	lənsa	yuh-aah-n-s-ah
ToTie	liya	yuh-e-juh-ah
ToSew	kuzi	k-u-zz-e
ToCount	kumta	k-u-m-t-ah
ToCount-Enumerare	enumera	ay-n-u-m-ay-er-ah
ToCount-Numerare	numera	n-u-m-ay-er-ah
ToSay	di	d-e
ToSing-AncestralClass	kənta	k-aah-n-t-ah
ToPlay-Jiocare	zuga	gzah-u-g-ah
ToFloat	fluktua	f-l-u-k-t-u-ah
ToFlow	flui	f-l-u-e
ToFlow-Colare	kula	k-u-ssha-ah
ToFlow-Excurrere	əskorə	aah-s-k-oh-r-aah
ToFlow-Currere	korə	k-oh-r-aah
ToFreeze	zəla	gzah-aah-l-ah
ToFreeze-Glaciare	gləsa	g-l-aah-s-ah
ToSwell	imfla	e-m-f-l-ah
ToSwell-Crescere	kreɟə	k-er-ay-shh-aah
ToBurn-Cremare	krəma	k-r-aah-m-ah
ToBurn-Flammare	flama	f-ssha-ah-m-ah
ToBurn-Incendere	ənsendrə	aah-n-s-ay-n-d-er-aah
All-Totus	tot	t-oh-t
Many	mol	m-oh-l
Many-Tantus	tant	t-ah-n-t
Some	əlgu	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	loŋ	yuh-oh-nya
Long-Largum	lark	yuh-ah-er-k

Appendix 5 - Word Lists by Language

Wide-Amplum	amplə	ah-m-p-l-aah
Thick	gras	g-er-ah-s
Thick-Spissum	əspəs	aah-s-p-eh-s
Thick-Grossum	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	əstrət	aah-s-t-er-eh-t
Thin	mənut	m-aah-n-u-t
Thin-Delicatus	dəlikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Warm	kaɪ	k-ah-ssha
Cold	frət	f-er-eh-t
Full	pɛ	p-ssha-eh
New	nəw	n-euh-w
Old	veɪ	v-ay-yuh
Good	bən	b-euh-n
Bad	mal	m-ah-l
Rotten	puðrit	p-u-dd-er-e-t
Straight	drət	d-er-eh-t
Round	rədo	r-aah-d-oh
SharpAsAKnife	əgut	aah-g-u-t
Smooth	suaw	s-u-ah-w
Smooth-Nitidus	nət	n-eh-t
Dry	sək	s-eh-k
Near	proizme	p-er-oh-e-zz-m-ay
Near-AdPrope	əprəp	aah-p-er-euh-p
Near-Vicinus	bəi	b-aah-e
Far	ɹunta	yuh-u-n-t-ah
Right-Dextrem	destrə	d-ay-s-t-er-aah
Red	ros	r-oh-s
Red-Vermiculus	bərmɛɪ	b-aah-r-m-eh-yuh
Red-Rubeus	rudʒe	r-u-VdPalatoAlveolarSibilant-ay
Green	vɛrt	v-eh-er-t
Yellow-Croceus	grək	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	əɹa	aah-yuh-ah
Who-Qui	ki	k-e
What	kɛ	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	kəm	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

Appendix 5 - Word Lists by Language

Walloon

Cognate	IPA	Sounds
I	dʒɪ	VdPalatoAlveolarSibilant-I
We	no	n-oh
YouPlural	vos	v-oh-s
YouSingular	ty	t-eeh
Woman	fæm	f-uuh-m
Woman-Domina	dæm	d-uuh-m
Child	ɛfɑ̃	eh-f-NasalA
Mother	mer	m-ay-VIUvularTrill
Father	pɛ:r	p-Eh-r
Fish-Pescion	pɛhõ	p-eh-h-on
Bird-Avicellum	u:hɛ:	U-h-Eh
Dog	ʃɛ	ts-ehn
Louse	pju	p-jg-u
Snake	sʃɛkpɛ	s-jg-eh-rr-p-ehn
Worm	vʃɛr	v-jg-eh-VIUvularTrill
Tree	o:b	O-b
Fruit	fry	f-VIUvularTrill-eeh
Seed-Sementis	simɛs	s-e-m-ehn-s
Seed-Granum	grin	g-r-e-n
Leaf	fɔj	f-mid_low_diphthong
Root-Radicina	resɛn	VIUvularTrill-eh-s-eh-n
BarkOfATree-Skortea	skwas	s-k-w-ah-s
Flower	flø:ʁ	f-l-o-rr
Grass	jɛp	jg-eh-p
Skin-Pellis	pja	p-jg-ah
Meat	ʃɔ:	ts-LongOpenMidBackRounded
Blood	sõ:g	s-OOO-g
Bone	ɔf	euh-shh
FatNoun-Crassia	krɔ:ç	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	pɛn	p-ay-n
Hair-Capillus	ʃivja	ts-e-v-jg-ah
Head-Testa	ʃɛs	ts-eh-s
Ear	ɔraj	euh-VIUvularTrill-aj
Eye	u:j	U-jg
Nose	ne	n-ay
Mouth	bɔk	b-euh-k
Mouth-Gula	gø:j	g-o-jg
Tooth	dɛ	d-ehn
Fingernail	õg	on-g
Foot	pi:	p-E
Leg-Gamba	dʒãp	VdPalatoAlveolarSibilant-an-p
Knee-Genuculum	dʒinɔ	VdPalatoAlveolarSibilant-e-n-euh
Hand	mɛ	m-ehn
Wing	el	ay-l
Belly	vɛt	v-ehnn-t
Belly-Pantex	pãs	p-an-s
Back	dɔ	d-euh
Back-Spatula	spal	s-p-ah-l
Heart	ku:ʁ	k-U-rr

Appendix 5 - Word Lists by Language

Heart-Anima	ɔ:m	LongOpenMidBackRounded-m
Liver	fø:t	f-o-t
Sun	sɔlə	s-euh-l-euh
Moon	løn	l-uu-n
Star	stø:l	s-t-o-l
Water	ɛ:w	Eh-w
Rain	plu:ɣ	p-l-U-rr
River-Riparia	rivi:ɣ	r-e-v-E-rr
Lake	lak	l-ah-k
Sea	meɣ	m-ay-rr
Salt	se	s-ay
Stone-Petra	pi:ɣ	p-E-rr
Sand-Sabulum	sɔ:vjð	s-O-v-jg-on
Earth	tɛ:ɣ	t-Eh-rr
Sky	si:ɣ	s-E-rr
Wind	vê	v-ehn
Snow	ni:f	n-E-f
Ice-Glacies	glɛs	g-l-eh-s
Fire-Focus	fø:	f-o
Ash	sê:d	s-LongNasalE-d
Mountain-Montanea	mõtəp	m-on-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	dʒu:	VdPalatoAlveolarSibilant-U
Day-Diurnus	dʒu:	VdPalatoAlveolarSibilant-U
Year	ɑ	NasalA
Name-Nomen	nō	n-on
Tongue	lœu	l-ehnun
ToDrink	bø:ɣ	b-o-rr
ToEat-Manducare	maɲi:	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	ɣi:ɣ	rr-E-rr
ToSee	vi:r	v-E-VIUVularTrill
ToHear	õr	on-VIUVularTrill
ToKnow-Sapere	savø:r	s-ah-v-o-VIUVularTrill
ToKnow-Cognoscere	kinɔh	k-e-n-euh-h
ToThink-Pensare	pɛse	p-ehnn-s-ay
ToSmell-Sentire	sɛti	s-ehnn-t-e
ToSleep	dwaɣmi	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:me	t-U-r-n-ay

Appendix 5 - Word Lists by Language

ToTurnIntransitive-AncestralClass3	viɤe	v-e-rr-ay
ToFall	ʃɛ:ɾ	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	sɛɾe	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-g-ay
ToRub	froj	f-r-oj_diphthong
ToRub-Frictare	fɹote	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	loji:	l-mid_low_diphthong-E
ToSew	kø:z	k-o-zz
ToCount	kôte	k-on-t-ay
ToSay	di:ɤ	d-E-rr
ToSing-AncestralClass	ʃâte	ts-NasalA-t-ay
ToPlay-Jiocare	dʒuwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	køle	k-euh-l-ay
ToFlow-Currere	køri	k-euh-VIUvularTrill-e
ToFreeze	dʒale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell	ẽfle	ehn-f-l-ay
ToSwell-Conflare	gõfle	g-on-f-l-ay
All-Totus	tø	t-euh
Few	põ	p-on
Other	õt	on-t
Big-Grandem	gɤã	g-rr-NasalA
Long-Longum	lø	l-on
Thick-Spissum	spe	s-p-eh
Heavy	grav	g-r-ah-v
Small	piti	p-e-t-e
Short	ku:ɤ	k-U-rr
Short-Brevis	bɤef	b-rr-ay-f
Narrow-Strictus	stɤø:	s-t-rr-o
Thin	minu	m-e-n-u
Thin-Subtilis	su:ti	s-U-t-e
Warm	ʃõ	ts-on
Cold	fɹwɛ	f-VIUvularTrill-w-eh
Full	plẽ	p-l-ehn
New	nɔvɛ	n-euh-v-eh
Old	vi:	v-E
Good	bõ	b-on
Bad	mø:	m-LongOpenMidBackRounded
Straight	drø:	d-r-o
Round	rõ	r-on
Dry	sɛʃ	s-eh-ts
Near-Pressus	pre	p-r-eh
Near-Vicinus	viʒẽ	v-e-gzah-ehn
Red-Rubeus	rɔʃ	r-euh-ts
Green	vɛɤ	v-eh-rr
Yellow	dʒɛn	VdPalatoAlveolarSibilant-eh-n
One	õ	on
Two-Duos	dø:	d-o
Three	trø:	t-r-o

Appendix 5 - Word Lists by Language

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

Friulian

Cognate	IPA	Sounds
I	jo	jg-oh
We	no:	n-O
YouPlural	vo:	v-O
YouSingular	tu	t-u
Woman	fëmine	f-eh-m-e-n-eh
Woman-Mulier	mui:r	m-u-E-r
Woman-Domina	döne	d-euh-n-ay
Wife-Mulier	mui:r	m-u-E-r
Husband	mari:t	m-ah-r-E-t
Husband-Sponsus	spo:s	s-p-O-s
Mother	mari	m-ah-r-e
Father	pari	p-ah-r-e
Animal	nema:l	n-ay-m-A-l
Animal-Bestia	bis	b-e-s
Fish-Piskem	pes	p-eh-s
Bird-Avicellum	ufjel	u-ts-jg-eh-l
Dog	can	tya-ah-n
Louse	pedoli	p-ay-d-oh-l-e
Snake	sarpint	s-ah-r-p-e-n-t
Worm	vjer	v-jg-eh-r
Tree	arbul	ah-r-b-u-l
Forest	selve	s-eh-l-v-ay
Stick	pa:l	p-A-l
Fruit	frut	f-r-u-t
Seed-Sementis	semenfje	s-ay-m-eh-n-ts-eh
Seed-Granum	gran	g-r-ah-n
Leaf	fwee	f-w-ay-ay
BarkOfATree-Skortea	skwartse	s-k-w-ah-r-VlAlveolarSibilantAffricate-ay
Flower	flo:r	f-l-O-r
Grass	jarbe	jg-ah-r-b-ay
Skin-Pellis	pjel	p-jg-eh-l
Meat	ca:r	tya-A-r
Blood	sanjk	s-ah-nya-k
Bone	vwes	v-w-eh-s
Egg	u:f	U-f
Horn	kwa:r	k-w-A-r
Tail	köde	k-euh-d-eh
Feather	plumë	p-l-u-m-eh

Appendix 5 - Word Lists by Language

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	tæste	t-eh-s-t-ay
Ear	orele	oh-r-ay-l-ay
Eye	voli	v-oh-l-e
Nose	na:s	n-A-s
Mouth	bœce	b-euh-tya-eh
Mouth-Gula	gole	g-euh-l-ay
Tooth	dint	d-e-n-t
Fingernail	ɔŋgule	euh-nya-g-u-l-eh
Foot	pi:t	p-E-t
Leg-Gamba	jambe	VdPalatalStop-ah-m-b-ay
Leg-Petiolus	pekol	p-eh-k-oh-l
Knee-Geniculum	dʒenoli	VdPalatoAlveolarSibilant-ay-n-oh-l-e
Hand	maŋ	m-ah-nya
Wing	ale	ah-l-ay
Belly	vintri	v-e-n-t-r-e
Belly-Pantex	pantse	p-ah-n-VlAlveolarSibilantAffricate-ay
Neck	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	pæt	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	stæle	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	pɔlvar	p-euh-l-v-ah-r
Earth	tjere	t-jg-eh-r-ay
Cloud-Nubilus	nu:l	n-U-l
Fog-Fumata	fumate	f-u-m-ah-t-ay
Sky	ʃi:l	ts-E-l
Wind	'vint	v-e-n-t
Snow	ne:f	n-ai-f
Ice-Glacies	glafje	g-l-ah-ts-ay
Smoke	fum	f-u-m
Fire-Focus	fu:k	f-U-k
Ash-Cinisia	ʃfinize	ts-e-n-e-zz-eh
Mountain	mɔnt	m-euh-n-t
Mountain-Montanea	mɔntape	m-euh-n-t-ah-VdPalatalNasal-ay
Night	ɲɔt	VdPalatalNasal-euh-t
Day	di	d-e
Day-Diurnata	dʒornade	VdPalatoAlveolarAffricate-oh-r-n-ah-d-ay
Year	aŋ	ah-nya
Name-Nomen	noŋ	n-euh-nya

Appendix 5 - Word Lists by Language

ToTongue	'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	penja:	p-ay-nya-s-A
ToSmell-Sentire	sinti:	s-e-n-t-E
ToFear	temi	t-ay-m-e
ToFear-Tremere	trima:	t-r-e-m-A
ToSleep	durmi:	d-u-r-m-E
ToLive	vivi	v-e-v-e
ToDie	muri:	m-u-r-E
ToKill-Mactare	maŋja:	m-ah-ts-A
ToFight-Battuere	bati	b-ah-t-e
ToHunt-Captiare	caŋja:	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	vipi:	v-e-VdPalatalNasal-E
ToLieAsInABed-lacere	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	altja:	ah-l-t-shh-A
ToTurnIntransitive	torna:	t-oh-r-n-A
ToTurnIntransitive-Gyrare	džira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	džira:	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

Appendix 5 - Word Lists by Language

ToPull-Pulsare	pulsa:	p-u-l-s-A
ToPull-Trahere	traj	t-r-aj
ToThrow-Lanceare	lanʃa:	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	dzuja:	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Excurrere	skori:	s-k-oh-r-E
ToFlow-Currere	kori	k-oh-r-e
ToFreeze-Glaciare	glafja:	g-l-ah-ts-A
ToSwell	enfla:	ay-n-f-l-A
ToSwell-Conflare	zglonfa:	zz-g-l-oh-nya-f-A
ToBurn-Flammare	flama:	f-l-ah-m-A
All-Totus	dut	d-u-t
Many	mole	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-Grossum	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	fre:t	f-r-ai-t
Cold-Recens	retsint	r-ay-VlAlveolarSibilantAffricate-e-n-t
Full	plen	p-l-eh-n
New	nu:f	VdPalatalNasal-U-f
Old	vjei	v-jg-ay-e
Good	bon	b-euh-n
Bad	ma:l	m-A-l
Dirty-Spurcus	spork	s-p-euh-r-k
Straight	dret	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	un	u-nya
Two-Duos	doj	d-oj_diphthong
Three	'tre:	t-r-ai
Four	kwatri	k-w-ah-t-r-e

Appendix 5 - Word Lists by Language

Five	ʔfɪŋk	ts-e-nya-k
Here	aki	ah-k-e
Who-Qui	kwi	k-w-e
What	ʔfe	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	ʔfemu:t	ts-ay-m-U-t
Not	no	n-oh
At	a	ah
And-Et	e	ay
And-Si	si	s-e
Because-Quod	ke	k-ay

Romanian

Cognate	IPA	Sounds
I	jew	jg-ay-w
We	noj	n-oj_diphthong
YouPlural	voj	v-oj_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
Wife-Mulier	mujere	m-u-jg-ay-r-ay
Husband	mərit	m-aah-r-e-t
Husband-Socius	sots	s-oh-VIAlveolarSibilantAffricate
Father-Tata	tatə	t-ah-t-aah
Animal	nəmaje	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	rədəʃʃinə	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Skortea	skoartsə	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	sindze	s-eee-n-VdPalatoAlveolarSibilant-ay
Bone	os	oh-s
Egg	ow	oh-w
Horn	korn	k-oh-r-n
Tail	coada	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

Appendix 5 - Word Lists by Language

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	pitʃjor	p-e-ts-jg-oh-r
Knee-Geniculum	dʒenunki	VdPalatoAlveolarSibilant-ay-n-u-n-kpalatal
Hand	minə	m-eee-n-aah
Belly	vintre	v-e-n-t-r-ay
Belly-Pantex	pintetʃe	p-eee-n-t-ay-ts-ay
Back	do	d-oh
Back-Spatula	spate	s-p-ah-t-ay
Breast	san	s-ah-n
Breast-Pectus	pjept	p-jg-ay-p-t
Heart-Anima	inimə	e-n-e-m-aah
Liver	fikat	f-e-k-ah-t
Sun	soare	s-oaa-er-ay
Moon	lunə	l-u-n-aah
Star	stea	s-t-eaha
Water	apə	ah-p-aah
Rain	ploaje	p-l-oaa-jg-ay
River-Rivus	riw	r-eee-w
Lake	lak	l-ah-k
Sea	mare	m-ah-r-ay
Salt	sare	s-ah-r-ay
Stone-Petra	pjatrə	p-jg-ah-t-er-aah
Sand	arinə	ah-r-e-n-aah
Dust	pulbere	p-u-l-b-ay-r-ay
Earth	tsarə	VlAlveolarSibilantAffricate-ah-r-aah
Cloud-Nubilus	nor	n-oh-r
Fog-Nebula	negurə	n-ay-g-u-r-aah
Fog-Caecia	tʃeatʃə	ts-eaha-ts-aah
Sky	tʃer	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	tʃenuʃə	ts-ay-n-u-shh-aah
Mountain	muntə	m-u-n-t-eh
Night	noapte	n-oaa-p-t-ay
Day	zi	zz-e
Year	an	ah-n
Name-Nomen	nume	n-u-m-ay
Tongue	limbə	l-e-m-b-aah
ToDrink	bəa	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	sufila	s-u-f-l-ah

Appendix 5 - Word Lists by Language

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

Appendix 5 - Word Lists by Language

ToSwell	umfla	u-m-f-l-ah
ToSwell-Crescere	kreſte	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay
ToBurn-Incendere	inſindʒe	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-Grossum	gros	g-r-oh-s
Heavy	grew	g-er-ay-w
Small-Pittinus	putsin	p-u-VIAIveolarSibilantAffricate-e-n
Narrow	ingust	eee-nya-g-u-s-t
Narrow-Strictus	strimt	s-t-r-eee-m-t
Thin	mərunt	m-aah-r-u-n-t
Thin-Subtilis	subtsire	s-u-b-VIAIveolarSibilantAffricate-e-r-ay
Warm	kald	k-ah-l-d
Cold-Recens	reſe	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	veſſin	v-ay-ts-e-n
Red	roſu	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	ſinſʲ	ts-e-n-ts
There	la	l-ah
Who-Quem	ſſine	ts-e-n-ay
What	ſſe	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

Appendix 5 - Word Lists by Language

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					ẽ:
Near-close					
Close-mid					õ:
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-Syllabic

	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

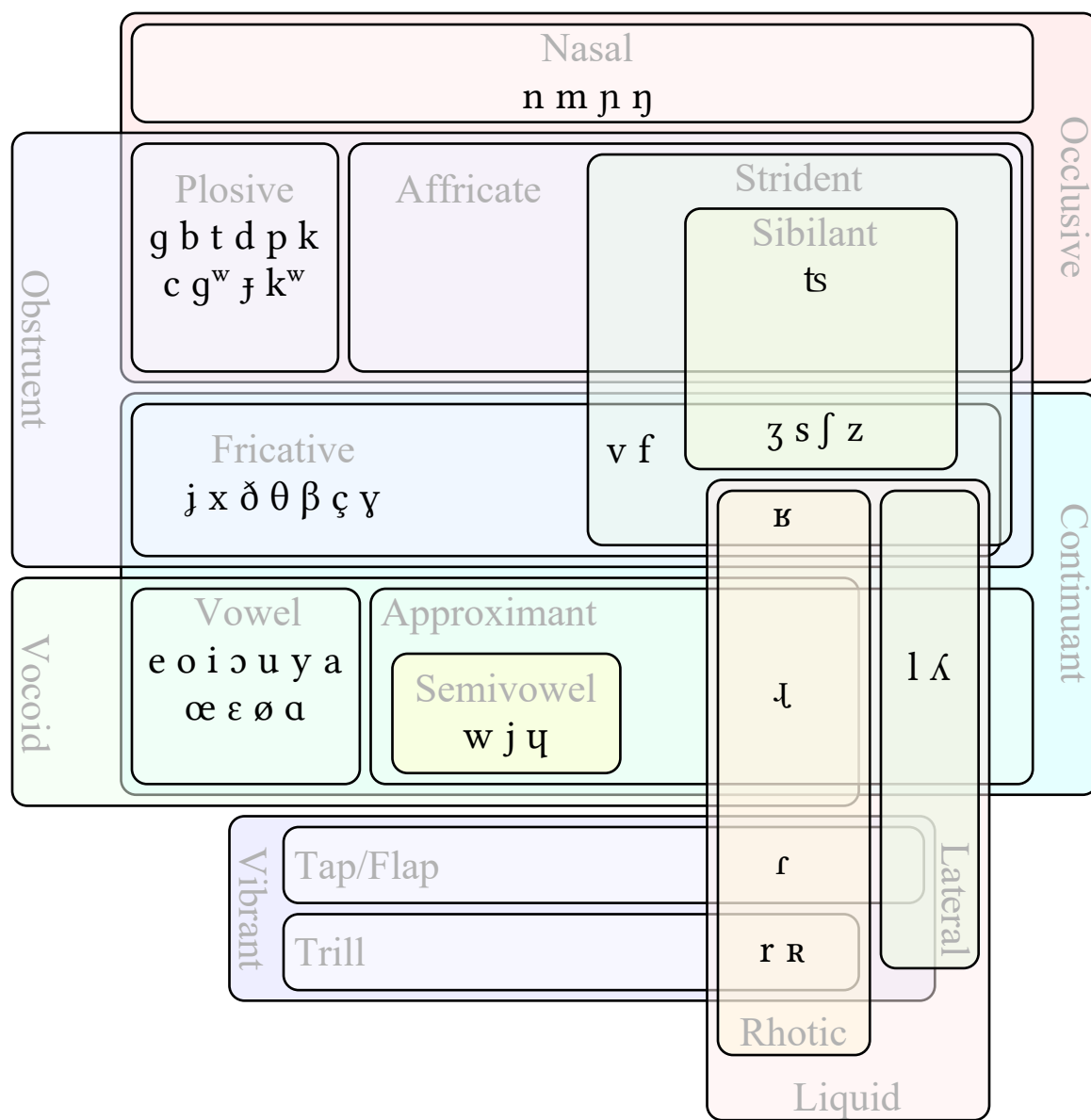
Manner
Central
Lateral

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	ẽa 0065, 032F, 0061 Close-mid Front Vowel Diphthong Non-Syllabic
ɔa 006F, 032F, 0061 Close-mid Back Vowel Diphthong Non-Syllabic	ẽj̃ 1EBD, 006A, 0303 Mid Front Nasal Vowel Diphthong	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

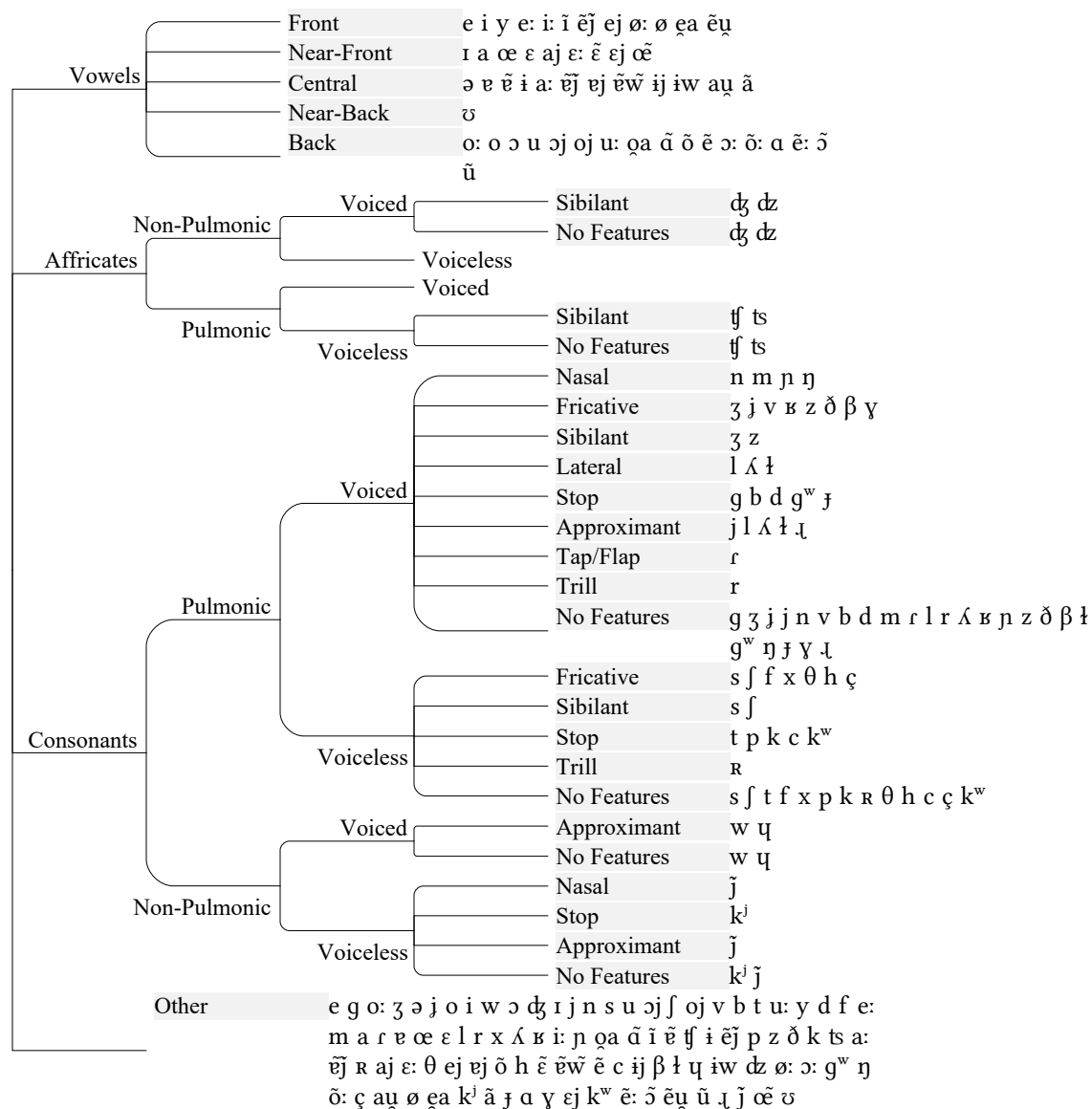
Appendix 8 - International Phonetic Alphabet

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

ʃ	ʊ	ɰ	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
j	dʒ	dʒ	tʃ
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
tʃ	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



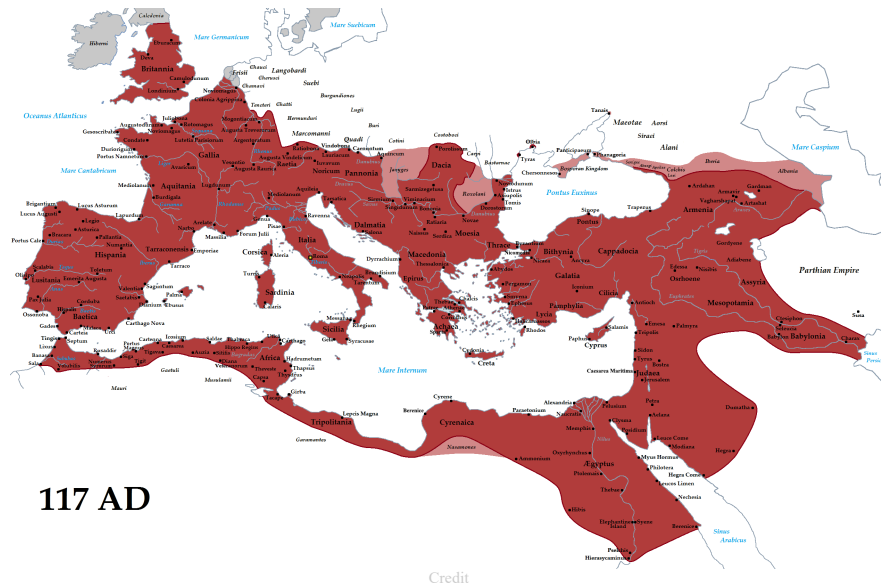
Appendix 10 - Diacritics

Diacritics

Undefined escape character	~	Nasalized	..	Centralized
+	-	Retracted	˘	RisingTone
◦	ɰ	Implosive	˙	Syllabic
ˈ	ʁ	Pharyngealized	ˆ	Falling tone
˘	˘	No audible release	˚	Rhotic hook
˘	˘	Apical	˚	Extra low tone
˘	˘	Dental	˚	Velarized or Pharyngealized
˘	˘	Velarized	˘	High tone
h	j	Palatalized	˚	Creaky voiced
˘	l	Lateral release	˘	Mid tone
◻	˚	Linguo-Labial	˚	Nasal release
˘	˘	Lowered	˘	Retracted tongue root
↗	˘	Raised	˘	Extra high tone
˚	˘	Voiced	˚	Labialized
˚	˘	Mid-centralized	↓	Down-step
↑	˚	Long	˘	Half-long
Indeterminacy in french vowels	Begin Non-segmental notation			End non-segmental notation
ɸ	!	Post-alveolar click		Minor group
		Major group		Alveolar lateral click
‡	◦	Voiceless descender	-	Combining macron
˘	˘	Tie-bar above	˚	Ready made combination
→ Becomes	Separator			

Appendix 11 - Languages

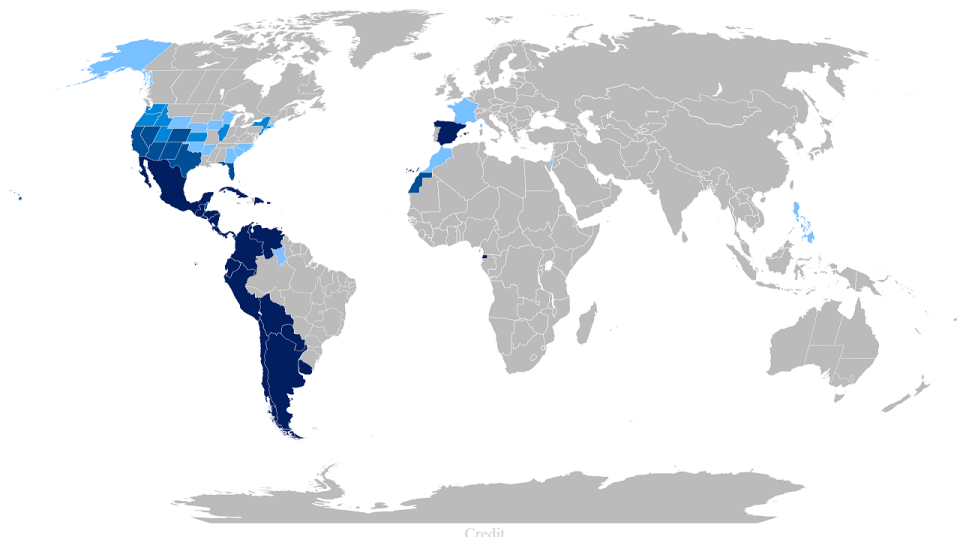
Latin



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

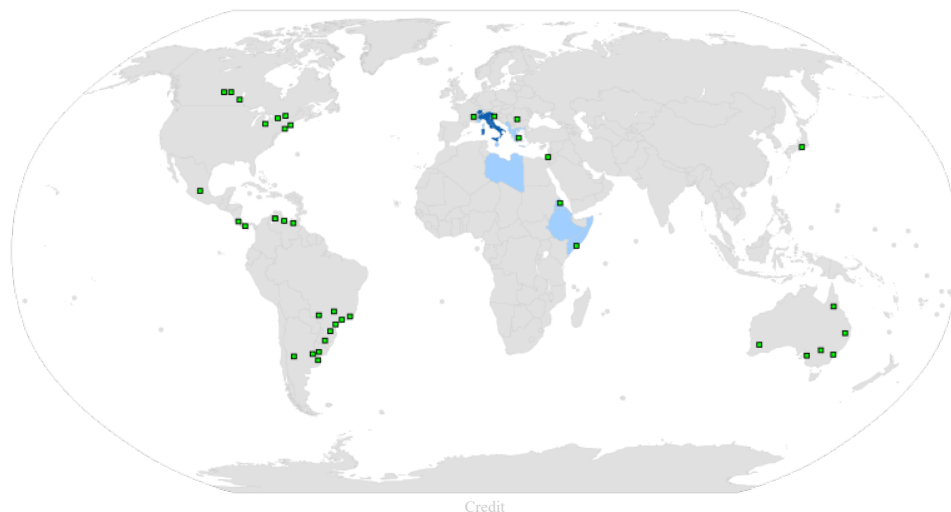
By the late Roman Republic (75 BC), Old Latin had been standardised into Classical Latin. Vulgar Latin was the colloquial form spoken at that time and attested in inscriptions and the works of comic playwrights like Plautus and Terence[3] and author Petronius. Late Latin is the written language from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

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.

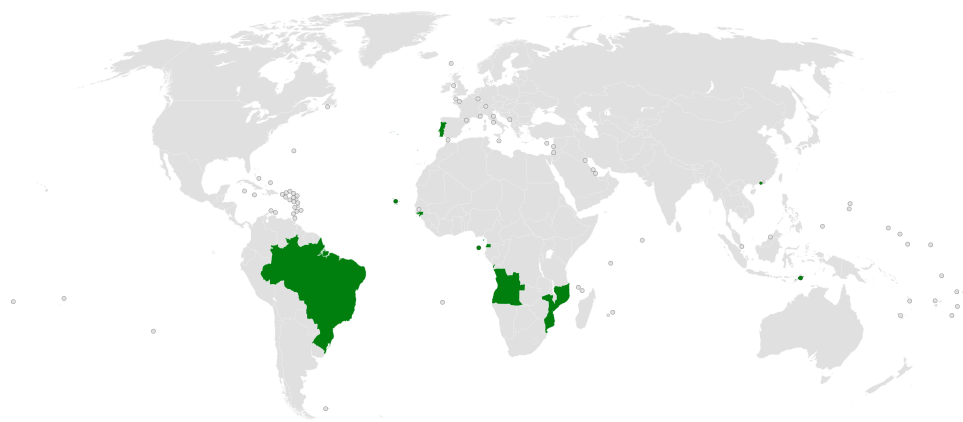
Brazilian Portuguese



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



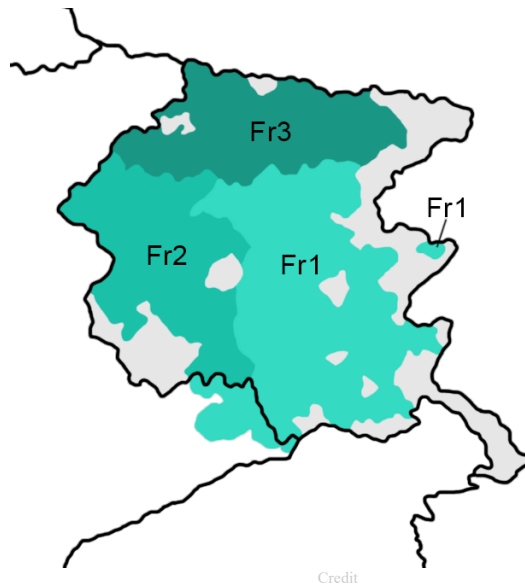
Credit

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".