

Appendix 2 - Prior Frequencies

[illegible]

Appendix 2 - Prior Frequencies

3 transitions: e→o:

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

2 transitions: e→ɔ:

FatNoun-Crassia	Good
g r e ʃ -	b w e n o -
k ʁ ɔ: ʃ -	b w ɔ: n o -

1 transitions: e→ẽɥ

Tongue
l e ɲ g w a
l ẽɥ - - -

1 transitions: e→ē:

Ash
ʃ e n e - r e -
s ē: - - d - -

1 transitions: e→ɔa

ToKnow-Cognoscere
k o - ɲ e s - e ʁ -
k u - n ɔa ʃ t e - -

4 transitions: e→oj

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

4 transitions: e→ɪ

I	I	I	I
- e g o:	- e - w	- e - w	j e - w
ɔ̃ ɪ - -	ɔ̃ ɪ - -	ɔ̃ ɪ - -	ɔ̃ ɪ - -

1 transitions: e→l

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

3 transitions: e→f

Snow	Snow	Snow
n j e b e -	n - e v e -	n - e w - -
n i: f - -	n i: f - -	n i: f - -

1 transitions: e→f

Appendix 2 - Prior Frequencies

ToKnow-Cognoscere									
k	o	-	n	o	θ	e	r	-	-
k	o	-	n	o	ɸ	ɸ	e	r	e

1 transitions: e → ʃ

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

2 transitions: e → ʒ

ToStab									
p	u	n	ɖ	e	-	-	-		
p	-	ũ	-	ʒ	i	ɣ	-		

ToStab									
p	u	n	ɖ	e	-	-	-		
p	-	ũ	-	ʒ	i	r	-		

1 transitions: e → ɖ

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

1 transitions: e → ʌ

Leaf									
f	ɔa	-	j	e	-				
f	-	ɔ	ʌ	ʌ	a				

3 transitions: e → i:

Stone-Petra									
p	j	e:	t	r	a				
p	-	i:	-	ɣ	-				

Stone-Petra									
p	j	e:	-	r	e				
p	-	i:	-	ɣ	-				

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

1 transitions: e: → a:

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

1 transitions: e: → u

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

1 transitions: e: → u:

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

1 transitions: e: → ε:

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

Appendix 2 - Prior Frequencies

3 transitions: e:→ẽ

ToThink-Pensare	ToThink-Pensare	Full
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 - - -

1 transitions: e:→ã

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

2 transitions: e:→ẽ

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

1 transitions: e:→ẽj

Cloud
n u: b e: s
n u v ẽj -

1 transitions: e:→ẽj

Cloud
n u: b e: s
n u v ẽj -

2 transitions: e:→ɐ

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

3 transitions: e:→i

Hair	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 ɐ r a r - -	k r - i f s e r -

4 transitions: e:→ej

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

4 transitions: e:→ej

Sand	Full	Full	Straight
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
- ɐ r ej - ɐ	f - ej - u -	f - ej - u -	d i r - ej - t u -

1 transitions: e:→œ

Appendix 2 - Prior Frequencies

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

2 transitions: e:→a

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

2 transitions: e:→r

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

1 transitions: e:→f

Snow									
n	-	e:	f	-	-				
n	i:	f	-	-	-				

1 transitions: i→a:

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

1 transitions: i→ɔ:

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

4 transitions: i→ɛ:

Fog-Tenebras									
t	-	i	n	j	e	b	l	a	s
t	-	ɛ:	n	-	e	b	r	e	-

Full									
p	l	i	n	-	-				
p	j	ɛ:	n	o	-				

What									
k ^w	-	i	d						
k	w	ɛ:	-						

What									
k	-	i	-						
k	w	ɛ:	-						

1 transitions: i→ø

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

2 transitions: i→õ

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

Round									
r	i	t	o	n	d	o	-		
r	õ	-	-	-	-	-	-		

2 transitions: i→ẽwĩ

Appendix 2 - Prior Frequencies

Seed-Granum					
g	r	i	n	-	-
g	r	ẽ	-	-	-
		ũ			

3 transitions: i → ẽu

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

Tongue					
l	i	n	g	w	a
l	ẽu	-	-	-	-

Tongue					
l	i	m	b	-	ə
l	ẽu	-	-	-	-

1 transitions: i → ẽ:

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

1 transitions: i → aj

Ear					
o:	r	i	k	l	a -
ɔ	R	aj	-	-	-

2 transitions: i → qa

Night					
n	ɥ	i	-	-	-
n	-	qa	p	t	e -

Night					
n	-	i	-	t	- -
n	-	qa	p	t	e -

4 transitions: i → εj

Sun-Soliculus					
s	o	l	i	k	u l u s
s	ɔ	l	εj	-	- - -

ToRub					
f	r	i	k	a:	r e
f	ɤ	εj	e	-	- -

Red-Vermiculus					
v	e	r	m	i	k u l u s
v	ε	ɤ	m	εj	- - - -

Red-Vermiculus					
v	e	r	m	i	ʌ - ʌ o -
v	ε	ɤ	m	εj	- - - -

4 transitions: i → ɪ

Nose-Nares					
n	a	r	i	θ	-
n	a:	r	ɪ	s	-

Nose-Nares					
n	a	r	i	ʈ	e
n	a:	r	ɪ	s	-

Nose-Nares					
n	a	r	i	s	-
n	a:	r	ɪ	s	-

Nose-Nares					
n	ɐ	r	i	f	-
n	a:	r	ɪ	s	-

1 transitions: i → iw

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

2 transitions: i → ɲ

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

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

1 transitions: i → d

Appendix 2 - Prior Frequencies

ToSqueeze-Stringere									
ə	ʃ	t	r	ī	ʒ	i	r	-	-
e	-	t	ʁ	ē	-	d	-	ʁ	-

3 transitions: i→g

ToSqueeze-Stringere									
ə	ʃ	t	r	ī	ʒ	i	r	-	-
-	s	t	r	i	n	g	e	r	e

ToSqueeze-Stringere									
ə	ʃ	t	r	ī	ʒ	i	r	-	-
-	s	t	r	i	n	g	e	-	-

ToSqueeze-Stringere									
ə	ʃ	t	r	ī	ʒ	i	r	-	-
-	s	t	r	ε	n	g	i:	-	-

1 transitions: i→b

ManHumanBeing									
h	o	m	i	-	n	e	m		
o	m	-	b	r	e	-	-		

1 transitions: i→f

Snow									
n	-	i	w	e	m				
n	i:	f	-	-	-				

1 transitions: i→f

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

3 transitions: i→ʒ

I				
i	-	-	o	
ʒ	ə	-	-	

I				
i	-	-	o	
ʒ	-	-	ɔ	

ToSqueeze-Stringere									
ə	ʃ	t	r	ī	ʒ	i	r	-	-
ə	ʃ	t	r	ī	-	ʒ	i	r	-

4 transitions: i→ɖʒ

I				
i	-	-	o	
ɖʒ	ɪ	-	-	

ToSqueeze-Stringere									
ə	ʃ	t	r	ī	ʒ	i	r	-	-
-	s	t	r	i	n	ɖʒ	e	r	e

ToSqueeze-Stringere									
ə	ʃ	t	r	ī	ʒ	i	r	-	-
-	s	t	r	i	n	ɖʒ	e	-	-

ToFlow-Excurrere									
e	-	s	k	u	r	i	r	-	-
-	-	s	k	u	r	ɖʒ	e	-	-

1 transitions: i→j

I				
i	-	-	o	
j	-	-	o	

3 transitions: i→e:

Stone-Petra									
p	-	i:	-	ʁ	-				
p	j	e:	t	r	a				

Stone-Petra									
p	-	i:	-	ʁ	-				
p	j	e:	-	r	e				

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

2 transitions: i→o

ToSee									
v	-	i:	-	-	r	-			
v	j	o	d	i	-	-			

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

Appendix 2 - Prior Frequencies

2 transitions: i→ε:

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

1 transitions: i→ø:

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

3 transitions: i→ẽ

Near-Vicinus						Five						Five					
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	-	-

2 transitions: i→ẽ

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

1 transitions: i→y

River-Rivus			
r	i:	w	u s
ʁ	y	-	-

2 transitions: i→aj

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

1 transitions: i→ɑ

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

2 transitions: i→r

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

1 transitions: i→l

Root					
-	r	a:	d	i:	k e m
ə	r	ε	-	l	-

1 transitions: i→r

Appendix 2 - Prior Frequencies

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

2 transitions: i:→f

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

1 transitions: i:→ʌ

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

1 transitions: i:→x

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

2 transitions: i:→R

ToHear									
aʊ	-	d	i:	r	e	-	-	-	-
õ	-	-	R	-	-	-	-	-	-

4 transitions: a→ø:

Star									
e	-	t	w	a	-	l	-	-	-
-	s	t	-	ø:	-	l	-	-	-

ToKnow-Sapere									
s	a	v	w	a	ʁ	-	-	-	-
s	a	v	-	ø:	R	-	-	-	-

Narrow-Strictus									
e	-	t	ʁ	w	a	-	-	-	-
-	s	t	ʁ	-	ø:	-	-	-	-

Straight									
d	-	ʁ	w	a	-	-	-	-	-
d	-	r	-	ø:	-	-	-	-	-

2 transitions: a→ø

Tail									
k	a	w	d	e	-	-	-	-	-
k	ø	-	-	-	-	-	-	-	-

Tail									
k	a	w	d	e	-	-	-	-	-
k	ø	-	-	-	-	-	-	-	-

3 transitions: a→y

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

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

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

2 transitions: a→œ

Woman									
f	a	-	m	-	-	-	-	-	-
f	œ	-	m	-	-	-	-	-	-

Woman-Domina									
d	a	m	-	-	-	-	-	-	-
d	œ	m	-	-	-	-	-	-	-

4 transitions: a→iw

Appendix 2 - Prior Frequencies

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 - - -

1 transitions: a → m

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

3 transitions: a → w

ToHear	ToDig-Excavare	ToWipe-Exsucare
a u z i - -	e s k a b a r - -	ə - f - u g a - - -
w - - i ʁ -	e k s k a w a: r e	- - s - u - w e - - -

4 transitions: 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 - f k ɐ v a ʁ -	i - f k ɐ v a r -

1 transitions: a → ʁ

ToWalk
k a m m i n a r e
k ɐ m i n a ʁ - -

4 transitions: 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 ʁ e - -

1 transitions: a → f

ToStand-Altire
- a l t s a r e -
- a l t f - a: -

2 transitions: a → tʃ

ToThrow	ToThrow
ʒ e j t a r - -	ʒ e j t a r - -
- e - tʃ a r -	- e - tʃ a r -

3 transitions: a → ʌ

Ear	Ear	Ear
o: r i k l a -	o: r i k l a -	o: r i k l a -
o r e - - ʌ ɐ	o r ɐ j - - ʌ ɐ	u r ɛ - - ʌ ə

2 transitions: a → ɪ

Appendix 2 - Prior Frequencies

Cloud-Secondary	Cloud-Secondary
n u b l a d u	n u b l a d u
n u β u ł - -	n u β u ł - -

1 transitions: a → j

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

1 transitions: a: → e:

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

1 transitions: a: → i

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

4 transitions: a: → o

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

3 transitions: a: → ɔ

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

2 transitions: a: → ɔ:

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

1 transitions: a: → ε:

Father
p a: d r e
p ε: - r -

2 transitions: a: → ě

Hand	Hand
m a: n o -	m a: n o -
m ě - - -	m ě - - -

3 transitions: a: → ě

Appendix 2 - Prior Frequencies

Grass-Gramen	Guts	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

4 transitions: a:→ẽwĩ

Seed-Granum	Seed-Granum	Hand	Hand
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

4 transitions: a:→ẽj

Mother	Mother	Mother	Mother
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 - - -

1 transitions: a:→i

Hand
m a: n o -
m i n ə -

1 transitions: a:→ej

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

1 transitions: a:→ej

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

2 transitions: a:→aj

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

1 transitions: a:→ɑ

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

1 transitions: a:→iw

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

1 transitions: a:→n

Appendix 2 - Prior Frequencies

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

4 transitions: a:→m

Animal									
n	e	m	a:	l	-	-	-	-	
a	n	i	m	a	l	i	a		

Animal									
n	e	m	a:	l	-	-	-	-	
o	-	-	m	a	-	j	-		

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

Animal									
n	e	m	a:	l	-	-	-	-	
-	n	ə	m	a	-	j	e		

3 transitions: a:→r

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

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

ToSwell									
aʊ	g	m	e	n	t	a:	r	e	
aʊ	m	e	n	t	a	r	e	-	

2 transitions: a:→t

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

ToSwell									
aʊ	g	m	e	n	t	a:	r	e	
a	u	g	m	e	n	t	a	-	

1 transitions: u→e:

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

1 transitions: u→ɔ:

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

4 transitions: u→ε

Neck									
k	-	u	-	-	-	-			
k	w	ε	-	l	-	-			

New									
n	-	o	w	u	s				
n	-	ɔ	v	ε	-				

New									
n	-	o	v	u	-				
n	-	ɔ	v	ε	-				

New									
n	-	o	v	u	-				
n	-	ɔ	v	ε	-				

3 transitions: u→ẽ

ToWipe-Exsucare									
u	-	s	-	-	k	-	a	-	-
ẽ	-	ʃ	-	u	g	-	a	r	-

ToWipe-Exsucare									
u	-	s	-	-	k	-	a	-	-
ẽ	-	ʃ	-	u	y	-	a	r	-

ToSwell-Inflare									
u	m	f	l	a	-	-			
ẽ	-	f	l	e	-	-			

3 transitions: u→ã

ToSwell-Inflare									
u	m	f	l	a	-	-			
ã	-	f	l	e	-	-			

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

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

2 transitions: u→ĩ

Appendix 2 - Prior Frequencies

ToSwell-Inflate	ToSwell-Inflate
u m f l a - -	u m f l a - -
i - ʃ - a r -	i - ʃ - a r -

2 transitions: u → ẽw̃

Not	Not
n u -	n u -
n ẽ -	n ẽ -
w̃ -	w̃ -

2 transitions: u → ɐ

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

1 transitions: u → i

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

3 transitions: u → œ

Leaf	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 -

4 transitions: u → au

Tail	ToHear	ToHear	ToHear
k u - a -	u - d i r e	u - - i - -	u l d i: - -
k au d a -	au - d i: r e	au - d i: r e	au - d i: r e

3 transitions: u → ʊ

Red	Red	Red
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 -

3 transitions: u → n

ToStab	ToStab	ToStab
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 - - -

2 transitions: 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 -

2 transitions: u → t

Appendix 2 - Prior Frequencies

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

2 transitions: u → k

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

2 transitions: 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 -

4 transitions: u → d

Cloud-Secondary	Cloud-Secondary	Warm	Warm
n u: b i l u s	n u: b i l u s	k a l i d u s	k a l - d u -
n u b l a d u	n u b l a d u	k a w - - d u	k a w - - d u

3 transitions: 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 - -

1 transitions: u → e:

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

2 transitions: u → o:

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

1 transitions: u → ε

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

1 transitions: u → ø:

Fire-Focus
f - u: k - -
f - ø: - - -

2 transitions: u → ∅

Appendix 2 - Prior Frequencies

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

1 transitions: u:→õ

One
u: n u m
õ - - -

1 transitions: u:→ã

How-Quomodo
ʃ e m u: t -
k ɔ m ã - -

1 transitions: u:→ẽ

How-Quomodo
ʃ e m u: t -
k ɔ m ẽ - -

2 transitions: u:→ũ

One	One
u: n u m	u: n u m
ũ - - -	ũ - - -

1 transitions: u:→œ

One
u: n u m
œ - - -

1 transitions: u:→ə

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

1 transitions: u:→ɔa

Rain
p l u: - ʁ - -
p l ɔa - - j e

1 transitions: u:→w

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

2 transitions: u:→ɥ

Fruit	Rain
f r u: - k t u s	p l u: - ʁ - -
f ʁ ɥ i - - - -	p l ɥ - - i -

Appendix 2 - Prior Frequencies

2 transitions: o → i:

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

4 transitions: o → a:

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

2 transitions: o → ɔ:

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

2 transitions: o → ε:

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

2 transitions: o → ɑ̃

How-Quomodo	How-Quomodo
k ^w o: m o d o	k o m o - -
k ɔ m ɑ̃ - -	k ɔ m ɑ̃ - -

4 transitions: o → ẽ

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

4 transitions: o → ẽj

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 ẽj	n e n ẽj	n e n ẽj	n e n ẽj

3 transitions: o → y

Feather	Night	Night
p l o m ə	n - o c t e m	n - o - ʃ e -
p l y m -	n - y - t - -	n - y - t - -

3 transitions: o → aj

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

2 transitions: o → ʊ

Appendix 2 - Prior Frequencies

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

2 transitions: o → n

Animal	Leg-Perna
o - - m a - j -	p ε r n o -
n e m a: l - - -	p j e r n a

2 transitions: 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 -

4 transitions: o → l

Louse	Eye	Cloud-Secondary	Cloud-Secondary
p j o - - x - o - -	- o - x - o - -	n u v o l a -	n u v o l a -
p - e d u - k l u s	- o - k u l u s	n u b l a d u	n u b l a d u

4 transitions: o → j

Louse	Louse	Eye	Knee-Geniculum
p j o - - x - o - -	p j o - - x - o - -	- o - x - o - -	- - i n o - x o - - -
p - i d ɔ k k j o -	p - ə d u - k j e -	- ɔ k k - j o -	dʒ - i n ɔ k k j - o -

4 transitions: o → k

Few	Few	Few	Few
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

4 transitions: o → d

Cloud-Secondary	Cloud-Secondary	Warm	Warm
n u b - l o -	n u b - l o -	k a l - d o -	k a l - d o -
n u b l a d u	n u b l a d u	k a w - - d u	k a w - - d u

1 transitions: o → f

Bone
- w e s o - -
- - ɔ - f - -

2 transitions: o → tʃ

Leg-Petiolus	Leg-Petiolus
p ε k o l - - - -	p ε k o l - - - -
p i t tʃ - ɔ l o -	p i - tʃ j o r - -

2 transitions: o → ʌ

Appendix 2 - Prior Frequencies

Eye							Eye						
-	o	-	x	-	o	-	-	o	-	x	-	o	-
-	o	-	-	-	Á	u	-	-	o	-	-	Á	u

1 transitions: $0 \rightarrow \theta$

Leg-Petiolus								
p	ε	k	o	l	-	-	-	-
p	e	-	θ	i	o	l	o	-

2 transitions: $o \rightarrow h$

ManHumanBeing	ManHumanBeing
o m - b r e - -	o m ěj - - - -
h o m i - n e m	h o m i - n e m

2 transitions: $o \rightarrow u$

Rain							Rain						
p	j	o	d	dʒ	-	a	p	l	o	-	-	j	e
p	l	ɥ	-	-	i	-	p	l	ɥ	-	-	i	-

3 transitions: $o \rightarrow e$

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

2 transitions: $o: \rightarrow u:$

Egg				
-	o:	w	u	m
-	u:	-	-	-

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

2 transitions: $0:\rightarrow\epsilon$

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	ʃ	-	ə	-	-

2 transitions: $o: \rightarrow \emptyset$

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

3 transitions: $o: \rightarrow \tilde{o}$

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

4 transitions: $o: \rightarrow \tilde{o}$

Appendix 2 - Prior Frequencies

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

2 transitions: o:→ẽw

Not	Not
n o: n	n o: n
n ẽ -	n ẽ -
w	w

1 transitions: o:→i

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

2 transitions: o:→aj

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

4 transitions: o:→œ

Flower	Flower	Flower	Egg
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 - -

1 transitions: o:→au

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

3 transitions: o:→w

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

3 transitions: ɔ→a:

Horn	Horn	Horn
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 - -

2 transitions: ɔ→ɔ:

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

4 transitions: ɔ→ø:

Appendix 2 - Prior Frequencies

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

4 transitions: ɔ → ɔ̃

ManHumanBeing-Homo	Mountain	Name-Nomen	Name-Nomen
- w ɔ m o	m ɔ n t - -	n ɔ m - -	n ɔ ŋ - -
- - ɔ̃ - -	m ɔ̃ - - - -	n ɔ̃ - - - -	n ɔ̃ - - - -

1 transitions: ɔ → i

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

3 transitions: ɔ → y

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

4 transitions: ɔ → au

Tail	Tail	Few	Few
k ɔ w - -	k ɔ d ε -	p ɔ k o -	p ɔ k - -
k au d a -	k au d a -	p au k u s	p au k u s

1 transitions: ɔ → g

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

1 transitions: ɔ → h

ManHumanBeing
ɔ m ĕj - - - -
h o m i - n e m

2 transitions: ɔ: → e

FatNoun-Crassia	Good
k ɾ ɔ: ɕ -	b w ɔ: n o -
g r e f -	b w e n o -

1 transitions: ɔ: → i

Heart-Anima
ɔ: - - m -
i n i m ə

2 transitions: ɔ: → a:

Appendix 2 - Prior Frequencies

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

Bad						
m	ɔ:	-	-	-	-	-
m	a:	l	-	-	-	-

1 transitions: ɔ: → u

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

2 transitions: ɔ: → o

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

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

2 transitions: ɔ: → ɔ

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

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

2 transitions: ɔ: → ε

Meat						
ʃ	ɔ:	-	-	-	-	-
ʃ	ε	ʁ	-	-	-	-

FatNoun-Crassia						
k	ʁ	ɔ:	ç	-	-	-
g	ʁ	ε	s	-	-	-

4 transitions: ɔ: → ɔ̃

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

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

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

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

2 transitions: ɔ: → ə

ToSplit-Partire						
p	ɔ:	ʀ	t	i	-	-
p	ə	r	t	i	-	-

ToStand-Altiare						
h	ɔ:	-	s	-	i:	-
-	ə	l	s	-	a	-

1 transitions: ɔ: → ɐ

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

1 transitions: ɔ: → ɑ

Heart-Anima						
ɔ:	-	-	m	-	-	-
ɑ	-	-	m	-	-	-

4 transitions: ε → u

Appendix 2 - Prior Frequencies

Neck	New	New	New
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 -

1 transitions: $\varepsilon \rightarrow u$:

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

2 transitions: $\varepsilon \rightarrow o$:

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

2 transitions: $\varepsilon \rightarrow ɔ$:

Meat	FatNoun-Crassia
f ε ʁ - - - -	g ʁ ε s -
f ɔ: - - - -	k ʀ ɔ: ç -

2 transitions: $\varepsilon \rightarrow \emptyset$:

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

2 transitions: $\varepsilon \rightarrow \tilde{e}\tilde{w}$:

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

1 transitions: $\varepsilon \rightarrow \tilde{e}u$:

Tongue
l ε n g - ε
l ẽu - - - -

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

Ash
s ε n - d r ə -
s ẽ: - - d - - -

2 transitions: $\varepsilon \rightarrow qa$:

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

1 transitions: $\varepsilon \rightarrow ce$:

Appendix 2 - Prior Frequencies

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

3 transitions: $\varepsilon \rightarrow \alpha$

ToDrink									
b	-	ε	w	-	r	ə			
b	w	α	-	-	ɤ	-			

ToCut-Taliare									
t	ε	-	-	j	i:	-	-		
t	α	j	-	-	e	-	-		

Three									
t	r	-	ε	s					
t	ɤ	w	α	-					

1 transitions: $\varepsilon \rightarrow \varepsilon j$

Red-Vermiculus									
b	ə	r	m	ε	-	λ	-	-	
v	ε	ɤ	m	εj	-	-	-	-	

1 transitions: $\varepsilon \rightarrow iw$

Seed-Granum									
g	ɤ	ε	n	-	-				
g	r	iw	-	-	-				

4 transitions: $\varepsilon \rightarrow r$

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

Worm									
v	j	ε	R	-	-				
v	e	r	m	e	-				

Worm									
v	j	ε	r	-	-				
w	e	r	m	e	m				

Worm									
v	j	ε	r	-	-				
v	e	r	m	e	-				

2 transitions: $\varepsilon \rightarrow d$

Tail									
k	ɔ	d	ε	-					
k	a	w	d	ɐ					

Tail									
k	ɔ	d	ε	-					
k	a	w	d	ɐ					

4 transitions: $\varepsilon \rightarrow \mathfrak{z}$

Worm									
v	j	ε	R	-	-				
v	e	ɤ	-	-	-				

Worm									
v	j	ε	R	-	-				
v	e	ɤ	m	i	-				

Worm									
v	j	ε	r	-	-				
v	e	ɤ	-	-	-				

Worm									
v	j	ε	r	-	-				
v	e	ɤ	m	i	-				

2 transitions: $\varepsilon \rightarrow g$

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

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

2 transitions: $\varepsilon \rightarrow f$

Snow									
n	-	ε	v	i	-				
n	i:	f	-	-	-				

Snow									
n	-	ε	v	i	-				
n	i:	f	-	-	-				

1 transitions: $\varepsilon \rightarrow h$

Appendix 2 - Prior Frequencies

DullAsAKnife						
ε	b	e	t	e	-	-
h	e	b	e	t	e	m

1 transitions: ε:→e:

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

4 transitions: ε:→i

Fog-Tenebras						
t	-	ε:	n	-	e	b
t	-	i	n	j	e	b
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Full						
p	j	ε:	n	o	-	-
p	l	i	n	-	-	-

What						
k	w	ε:	-	-	-	-
k ^w	-	i	d	-	-	-

What						
k	w	ε:	-	-	-	-
k	-	i	-	-	-	-

2 transitions: ε:→i:

Foot						
p	j	ε:	-	d	e	-
p	-	i:	-	-	-	-

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

1 transitions: ε:→a:

Father						
p	ε:	-	r	-	-	-
p	a:	d	r	e	-	-

2 transitions: ε:→o

Bird-Avicellum						
-	-	u:	-	-	h	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Water						
ε:	-	-	-	w	-	-
o	-	-	-	-	-	-

1 transitions: ε:→ẽ

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

1 transitions: ε:→ẽ

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

1 transitions: ε:→ə

Fog-Tenebras						
t	-	ε:	n	-	e	b
t	-	ə	n	-	e	b
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

2 transitions: ε:→ɐ

ToFall						
ʈ	-	ε:	-	-	R	-
k	-	ɐ	-	i	r	-

ToFall						
ʈ	-	ε:	-	-	R	-
k	-	ɐ	-	i	r	-

Appendix 2 - Prior Frequencies

1 transitions: $\epsilon \rightarrow i$

What				
k	w	ϵ :	-	
k	-	i	-	

2 transitions: $\epsilon \rightarrow \emptyset j$

Full						Full					
p	j	ɛ:	n	o	-	p	j	ɛ:	n	o	-
f	-	əj	-	u	-	f	-	əj	-	u	-

3 transitions: $\epsilon \rightarrow aj$

Father					Father					Water				
p	ϵ :	-	r	-	p	ϵ :	-	r	-	ϵ :	-	-	w	-
p	aj	-	-	-	p	aj	-	-	-	aj	-	y	w	\emptyset

1 transitions: $\epsilon \rightarrow d$

ToFall						
tʃ	-	ɛ:	-	-	R	-
k	ə	d	ɛa	-	-	-

1 transitions: $\emptyset \rightarrow i$:

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

4 transitions: $\emptyset \rightarrow a$

Star							ToKnow-Sapere							Narrow-Strictus							Straight						
-	s	t	-	ø:	-	l	-	s	a	v	-	ø:	R	-	-	s	t	ʁ	-	ø:	-	-	-	-	-	-	-
e	-	t	w	a	-	l	-	s	a	v	w	a	ʁ	-	-	e	-	t	ʁ	w	a	-	-	-	-	-	-

1 transitions: $\emptyset \rightarrow u$:

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

4 transitions: $\emptyset \rightarrow \emptyset$

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

2 transitions: $\emptyset \rightarrow \emptyset$

Fire-Focus					Two-Duos				
f	-	\emptyset :	-	-	d	-	\emptyset :	-	
f	-	\emptyset	-	-	d	-	\emptyset	-	

1 transitions: $\emptyset \rightarrow i$

Appendix 2 - Prior Frequencies

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

3 transitions: ø:→ej

Narrow-Strictus									
-	s	t	ʁ	-	ø:	-	-	-	-
i	s	t	r	-	ej	-	-	t	u

Straight									
d	-	r	-	ø:	-	-	-	-	-
ɖ	i	r	-	ej	-	t	u	-	-

Three									
t	r	-	ø:	-	-	-	-	-	-
t	r	-	ej	-	-	-	-	-	-

2 transitions: ø:→ej

Narrow-Strictus									
-	s	t	ʁ	-	ø:	-	-	-	-
i	ʃ	t	r	-	ej	-	-	t	u

Straight									
d	-	r	-	ø:	-	-	-	-	-
d	i	r	-	ej	-	t	u	-	-

2 transitions: ø:→qa

Flower									
f	l	ø:	ʁ	-	-	-	-	-	-
f	l	qa	r	e	-	-	-	-	-

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

4 transitions: ø:→oj

Two-Duos				
d	-	ø:	-	-
d	-	oj	s	-

Two-Duos				
d	-	ø:	-	-
d	-	oj	ʃ	-

Two-Duos				
d	-	ø:	-	-
d	-	oj	-	-

Two-Duos				
d	-	ø:	-	-
d	-	oj	-	-

1 transitions: ø:→ɛa

Star									
-	s	t	-	ø:	-	l	-	-	-
-	s	t	-	ɛa	-	-	-	-	-

2 transitions: ø:→œ

Flower									
f	l	ø:	ʁ	-	-	-	-	-	-
f	l	œ	ʁ	-	-	-	-	-	-

Mouth-Gula									
g	ø:	j	-	-	-	-	-	-	-
g	œ	l	-	-	-	-	-	-	-

2 transitions: ø:→ɑ

Liver									
f	-	ø:	-	-	t	-	-	-	-
f	w	ɑ	-	-	-	-	-	-	-

Three									
t	r	-	ø:	-	-	-	-	-	-
t	ʁ	w	ɑ	-	-	-	-	-	-

1 transitions: ø:→w

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

1 transitions: ø→i

Appendix 2 - Prior Frequencies

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

2 transitions: ø → a

Tail					Tail				
k	ø	-	-	-	k	ø	-	-	-
k	a	w	d	ɐ	k	a	w	d	ɐ

2 transitions: ø → u:

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

2 transitions: ø → o:

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

2 transitions: ø → ε

Hair-Capillus								Old						
f	ə	v	ø	-	-	-	-	v	j	ø	-	-	-	-
k	ə	b	ε	-	Λ	-	-	v	-	ε	k	-	k	j

2 transitions: ø → ø:

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

1 transitions: ø → ð

Few				
p	ø	-	-	-
p	ð	-	-	-

1 transitions: ø → y

Moon			
l	ø	n	-
l	y	n	-

1 transitions: ø → ej

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

1 transitions: ø → ej

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

Appendix 2 - Prior Frequencies

1 transitions: $\emptyset \rightarrow \text{qa}$

Tail				
k	ø	-	-	-
c	qa	d	ə	-

4 transitions: $\emptyset \rightarrow \text{oj}$

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	-	-

2 transitions: $\emptyset \rightarrow \text{au}$

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

1 transitions: $\emptyset \rightarrow \text{j}$

Hair-Capillus				
ʃ	ə	v	ø	-
tʃ	i	v	j	-

2 transitions: $\tilde{o} \rightarrow \text{i}$

Round										Round									
r	ō	-	-	-	-	-	-	-	-	r	ō	-	-	-	-	-	-	-	-
r	i	t	o	n	d	o	-	-	-	r	i	t	o	n	d	o	-	-	-

1 transitions: $\tilde{o} \rightarrow \text{u}$:

One			
ō	-	-	-
u:	n	u	m

3 transitions: $\tilde{o} \rightarrow \text{o}$:

Name-Nomen					Name-Nomen					Few				
n	ō	-	-	-	n	ō	-	-	-	p	ō	-	-	-
n	o:	m	e	n	n	o:	m	e	n	p	o:	k	-	-

4 transitions: $\tilde{o} \rightarrow \text{ɔ}$:

Good					Good					Good					Good				
b	-	ō	-	-	b	-	ō	-	-	b	-	ō	-	-	b	-	ō	-	-
b	w	ɔ:	n	o	b	w	ɔ:	n	o	b	w	ɔ:	n	o	b	w	ɔ:	n	o

1 transitions: $\tilde{o} \rightarrow \emptyset$

Few			
p	ō	-	-
p	ø	-	-

2 transitions: $\tilde{o} \rightarrow \text{ũ}$

Appendix 2 - Prior Frequencies

One				
ō	-	-	-	-
û	-	-	-	-

1 transitions: ō → œ

One			
ō	-	-	-
œ	-	-	-

4 transitions: ō → ə

Round							
ʁ	ō	-	-	-	-	-	-
r	ə	d	o	-	-	-	-

Round							
ʁ	ō	-	-	-	-	-	-
r	ə	t	u	n	d	-	-

Round							
r	ō	-	-	-	-	-	-
r	ə	d	o	-	-	-	-

Round							
r	ō	-	-	-	-	-	-
r	ə	t	u	n	d	-	-

2 transitions: ō → i

Round							
ʁ	ō	-	-	-	-	-	-
ʁ	i	d	ō	-	d	u	-

Round							
r	ō	-	-	-	-	-	-
ʁ	i	d	ō	-	d	u	-

2 transitions: ō → au

ToHear						
ō	-	-	ʀ	-	-	-
au	-	d	i	r	e	-

Few						
p	ō	-	-	-	-	-
p	au	k	u	s	-	-

3 transitions: ō → l

Sand-Sabulum							
s	o:	v	j	ō	-	-	-
s	a	b	u	l	u	m	-

Sand-Sabulum							
s	o:	v	j	ō	-	-	-
s	a	b	-	l	-	-	-

Sand-Sabulum							
s	o:	v	j	ō	-	-	-
s	a	v	a	l	ɔ	n	-

1 transitions: ō → w

ToHear					
ō	-	-	ʀ	-	-
w	-	-	i	ʁ	-

2 transitions: ō → r

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

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

3 transitions: ē → e:

ToThink-Pensare							
p	ē	-	s	a	ʁ	-	-
p	e:	n	s	a:	r	e	-

ToThink-Pensare							
p	ē	-	s	a	r	-	-
p	e:	n	s	a:	r	e	-

Full							
p	l	ē	-	-	-	-	-
p	l	e:	n	u	s	-	-

3 transitions: ē → i:

Appendix 2 - Prior Frequencies

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

2 transitions: ě → a:

Hand	Hand
m ě - - -	m ě - - -
m a: n o -	m a: n o -

3 transitions: ě → u

ToWipe-Exsucare	ToWipe-Exsucare	ToSwell-Inflare
ě - ʃ - u g - a r -	ě - ʃ - u y - a r -	ě - f l e - -
u - s - - k - a - -	u - s - - k - a - -	u m f l a - -

1 transitions: ě → ε:

Full
p l ě - - -
p j ε: n o -

1 transitions: ě → ěj

Not-Nec
n ě -
n ěj -

1 transitions: ě → ẽj

Not-Nec
n ě -
n ẽj -

1 transitions: ě → ej

Breast
s ě - - -
s ej - u -

3 transitions: ě → ẽj

Breast	Full	Full
s ě - - -	p l ě - - -	p l ě - - -
s ẽj - u -	ʃ - ẽj - u -	ʃ - ẽj - u -

1 transitions: ě → ij

Dog
ʃ - ě - - -
k - ij n e -

3 transitions: ě → j

Tooth	Tooth	Tooth
d ě - ʃ i - - -	d ě - t i - - -	d ě - - - - -
d j e n t e -	d j e n t e -	d j e n t e -

Appendix 2 - Prior Frequencies

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

To Think-Pensare						
p	\tilde{a}	-	s	e	-	-
p	e:	n	s	a:	r	e

3 transitions: $\tilde{a} \rightarrow u$

To Swell-Inflare							How-Quomodo							How-Quomodo						
\tilde{a}	-	f	l	e	-	-	k	ɔ	m	\tilde{a}	-	-	k	ɔ	m	\tilde{a}	-	-		
u	m	f	l	a	-	-	k	o	m	u	-	-	k	o	m	u	-	-		

1 transitions: $\tilde{a} \rightarrow u$:

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

2 transitions: $\tilde{a} \rightarrow o$

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

2 transitions: $\tilde{a} \rightarrow \tilde{a}$

Leg-Gamba							Belly-Pantex						
ʒ	\tilde{a}	-	b	-	-		p	\tilde{a}	-	s	-	-	-
dʒ	\tilde{a}	-	p	-	-		p	\tilde{a}	-	s	-	-	-

1 transitions: $\tilde{a} \rightarrow \tilde{e}u$

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

1 transitions: $\tilde{a} \rightarrow \tilde{o}$:

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

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

Ash						
s	\tilde{a}	-	-	d	ʁ	-
s	\tilde{e} :	-	-	d	-	-

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

Year							Year							Year						
\tilde{a}	-	-	-	-	-		\tilde{a}	-	-	-	-	-		\tilde{a}	-	-	-	-	-	
e	-	n	u	-	-		e	-	n	u	-	-		e	-	n	u	-	-	

1 transitions: $\tilde{a} \rightarrow m$

Appendix 2 - Prior Frequencies

ToSwell									
o	g	m	ā	-	t	e	-	-	-
a	u	g	m	e	n	t	a	-	-

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

Grass-Gramen									
g	r	\tilde{e}	m	e	-	-	-	-	-
g	r	a	m	e	n	-	-	-	-

Guts									
ī	-	t	-	r	\tilde{e}	ɲ	-	e	-
i	n	t	e	r	a	n	e	a	-

Mountain-Montanea									
m	ō	-	t	\tilde{e}	-	ɲ	-	e	-
m	o	n	t	a	-	n	e	a	-

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

Belly-Pantex									
p	\tilde{e}	-	s	-	-	e	-	-	-
p	\tilde{a}	-	s	-	-	-	-	-	-

Belly-Pantex									
p	\tilde{e}	-	s	-	-	e	-	-	-
p	\tilde{a}	-	s	-	-	-	-	-	-

2 transitions: $\tilde{e} \rightarrow \tilde{o}$:

Blood									
s	\tilde{e}	-	g	-	i	-	-	-	-
s	ō	-	g	-	-	-	-	-	-

Blood									
s	\tilde{e}	-	g	-	i	-	-	-	-
s	ō	-	g	-	-	-	-	-	-

3 transitions: $\tilde{e} \rightarrow e$

Grass-Gramen									
g	r	\tilde{e}	m	e	-	-	-	-	-
g	r	e	m	e	-	-	-	-	-

Guts									
ī	-	t	-	r	\tilde{e}	ɲ	-	e	-
ē	-	t	-	r	e	ɲ	-	e	-

Mountain-Montanea									
m	ō	-	t	\tilde{e}	-	ɲ	-	e	-
m	ō	-	t	e	-	ɲ	-	e	-

2 transitions: $\tilde{i} \rightarrow u$

ToSwell-Inflare									
ī	-	ɸ	-	a	r	-	-	-	-
u	m	f	l	a	-	-	-	-	-

ToSwell-Inflare									
ī	-	ɸ	-	a	r	-	-	-	-
u	m	f	l	a	-	-	-	-	-

2 transitions: $\tilde{i} \rightarrow \tilde{e}u$

Tongue									
l	ī	-	g	w	e	-	-	-	-
l	$\tilde{e}u$	-	-	-	-	-	-	-	-

Tongue									
l	ī	-	g	w	e	-	-	-	-
l	$\tilde{e}u$	-	-	-	-	-	-	-	-

3 transitions: $\tilde{i} \rightarrow \partial$

Guts									
ī	-	t	-	r	\tilde{e}	ɲ	-	e	-
ə	n	t	-	r	a	ɲ	-	ə	-

ToBurn-Incendere									
ī	-	s	e	n	ɖ	ɪ	a	r	-
ə	n	s	e	n	d	-	-	r	ə

ToBurn-Incendere									
ī	-	s	ē	-	d	j	a	r	-
ə	n	s	e	n	d	-	-	r	ə

4 transitions: $\tilde{i} \rightarrow i$

ToSqueeze-Stringere									
ə	ɸ	t	r	ī	-	ʒ	i	r	-
-	s	t	r	i	n	ɖ	e	-	-

ToSqueeze-Stringere									
ə	ɸ	t	r	ī	ʒ	i	r	-	-
-	s	t	r	i	n	ɖ	e	-	-

ToBurn-Incendere									
ī	-	s	e	n	ɖ	ɪ	a	r	-
i	n	ɸ	i	n	d	ʒ	e	-	-

ToBurn-Incendere									
ī	-	s	ē	-	d	j	a	r	-
i	n	ɸ	i	n	d	ʒ	e	-	-

2 transitions: $\tilde{e} \rightarrow e$:

Appendix 2 - Prior Frequencies

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

2 transitions: ẽ → i:

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

1 transitions: ẽ → u:

How-Quomodo
k ɔ m ẽ - -
ʈ e m u: t -

4 transitions: ẽ → o

Far	Far	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 - -

1 transitions: ẽ → ε:

Full
p l ẽ - - -
p j ε: n o -

2 transitions: ẽ → ũ

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

2 transitions: ẽ → ẽw

Dog	Dog
ʃ j ẽ - - -	ʃ j ẽ - - -
k - ẽ - - -	k - ẽ - - -
	w

2 transitions: ẽ → i

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

2 transitions: ẽ → ej

Full	Full
p l ẽ - - -	p l ẽ - - -
ʃ - ej - u -	ʃ - ej - u -

1 transitions: ẽ → ij

Appendix 2 - Prior Frequencies

Dog					
ɟ	j	ẽ	-	-	-
k	-	ij	n	e	-

3 transitions: ẽ → n

Belly					
v	-	ẽ	-	t	-
v	i	n	t	r	i

Belly					
v	-	ẽ	-	t	-
v	i	n	t	r	e

ToStab					
p	w	ẽ	-	d	-
p	u	n	ɟ	e	-

1 transitions: ẽj̃ → e:

Cloud				
n	u	v	ẽj̃	-
n	u:	b	e:	s

4 transitions: ẽj̃ → o

Child-Ninnus			
n	e	n	ẽj̃
n	i	j̃	o

Child-Ninnus			
n	e	n	ẽj̃
n	i	n	o

Child-Ninnus			
n	e	n	ẽj̃
n	i	j̃	o

Child-Ninnus			
n	e	n	ẽj̃
n	i	n	o

1 transitions: ẽj̃ → ẽ

Not-Nec		
n	ẽj̃	-
n	ẽ	-

1 transitions: ẽj̃ → ə

In-In	
ẽj̃	-
ə	n

1 transitions: ẽj̃ → i

In-In	
ẽj̃	-
i	n

2 transitions: ã → u:

One			
ũ	-	-	-
u:	n	u	m

One			
ũ	-	-	-
u:	n	u	m

2 transitions: ã → õ

One			
ũ	-	-	-
õ	-	-	-

One			
ũ	-	-	-
õ	-	-	-

2 transitions: ã → ẽ

ToStab					
p	-	ũ	-	ʒ	i
p	w	ẽ	-	d	-

ToStab					
p	-	ũ	-	ʒ	i
p	w	ẽ	-	d	-

Appendix 2 - Prior Frequencies

4 transitions: $\tilde{u} \rightarrow \tilde{o}$

Some					Some					One				One			
a	w	g	\tilde{u}	-	a	ɫ	g	\tilde{u}	-	\tilde{u}	-	-	-	\tilde{u}	-	-	-
o	-	k	\tilde{o}	-	o	-	k	\tilde{o}	-	\tilde{o}	-	-	-	\tilde{o}	-	-	-

2 transitions: $\tilde{u} \rightarrow n$

ToStab					ToStab				
p	-	\tilde{u}	ʒ	i	ɾ	-	-	-	-
p	u	n	ɖ	e	-	-	-	-	-

4 transitions: $\tilde{o} \rightarrow o$:

Name-Nomen					Name-Nomen					Not				Not			
n	\tilde{o}	-	-	-	n	\tilde{o}	-	-	-	n	\tilde{o}	-	-	n	\tilde{o}	-	-
n	o	m	e	n	n	o	m	e	-	n	o	n	-	n	o	n	-

4 transitions: $\tilde{o} \rightarrow ɔ$

ManHumanBeing-Homo					Mountain					Name-Nomen				Name-Nomen			
-	-	\tilde{o}	-	-	m	\tilde{o}	-	-	-	n	\tilde{o}	-	-	n	\tilde{o}	-	-
-	w	ɔ	m	o	m	ɔ	n	t	-	n	ɔ	m	-	n	ɔ	ŋ	-

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

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

2 transitions: $\tilde{e}\tilde{w} \rightarrow i$

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

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

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

2 transitions: $\tilde{e}\tilde{w} \rightarrow u$

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

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

Appendix 2 - Prior Frequencies

Not			
n	ẽ	-	
	ũ		
n	o:	n	

2 transitions: ẽũ → ε

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

2 transitions: ẽũ → ẽ

Dog					
k	-	ẽ	-	-	-
		ũ			
ʃ	j	ẽ	-	-	-

4 transitions: ẽũ → ẽ

Not			
n	ẽ	-	
	ũ		
n	ẽ	-	

2 transitions: ẽũ → i

Hand					
m	ẽ	-	-	-	
	ũ				
m	i	n	ə	-	

2 transitions: ẽũ → ij

Dog					
k	-	ẽ	-	-	-
		ũ			
k	-	ij	n	e	-

2 transitions: ẽũ → iw

Seed-Granum					
g	r	ẽ	-	-	-
		ũ			
g	r	i	w	-	-

1 transitions: ẽj → e:

Cloud			
n	u	v	ẽj
n	u:	b	e: s

4 transitions: ẽj → a:

Appendix 2 - Prior Frequencies

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

1 transitions: ẽj → ẽ

Not-Nec
n ẽj -
n ẽ -

1 transitions: ẽj → ə

In-In
ẽj -
ə n

1 transitions: ẽj → i

In-In
ẽj -
i n

2 transitions: ă → ẵ

Leg-Gamba	Belly-Pantex
ɖ ă - p -	p ă - s - - -
ɖ ẵ - b -	p ẵ - s - - -

2 transitions: ă → ẽ

Belly-Pantex	Belly-Pantex
p ă - s - - -	p ă - s - - -
p ẽ - s - - ɐ -	p ẽ - s - - ɐ -

1 transitions: ă → i

Belly-Pantex
p ă - s - - -
p i n t e ʃ e -

1 transitions: œ̃ → u:

One
œ̃ - - -
u: n u m

1 transitions: œ̃ → ɔ̃

One
œ̃ - - -
ɔ̃ - - -

4 transitions: œ̃ → û

Some	Some	One	One
o - k œ̃ - -	o - k œ̃ - -	œ̃ - - -	œ̃ - - -
a w g û - -	a ɫ g û - -	û - - -	û - - -

Appendix 2 - Prior Frequencies

1 transitions: $\tilde{e}u \rightarrow e$

Tongue					
l	$\tilde{e}u$	-	-	-	-
l	e	ŋ	g	w	a

3 transitions: $\tilde{e}u \rightarrow i$

Tongue					
l	$\tilde{e}u$	-	-	-	-
l	i	n	g ^w	-	a

Tongue					
l	$\tilde{e}u$	-	-	-	-
l	i	n	g	w	a

Tongue					
l	$\tilde{e}u$	-	-	-	-
l	i	m	b	-	ə

1 transitions: $\tilde{e}u \rightarrow \epsilon$

Tongue					
l	$\tilde{e}u$	-	-	-	-
l	ϵ	n	g	-	ϵ

1 transitions: $\tilde{e}u \rightarrow \tilde{a}$

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

2 transitions: $\tilde{e}u \rightarrow i$

Tongue					
l	$\tilde{e}u$	-	-	-	-
l	i	-	g	w	e

Tongue					
l	$\tilde{e}u$	-	-	-	-
l	i	-	g	w	e

1 transitions: $\tilde{o} \rightarrow \tilde{a}$

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

2 transitions: $\tilde{o} \rightarrow \tilde{e}$

Blood							
s	\tilde{o} :	-	g	-	-	-	-
s	\tilde{e}	-	g	-	i	-	-

Blood							
s	\tilde{o} :	-	g	-	-	-	-
s	\tilde{e}	-	g	-	i	-	-

1 transitions: $\tilde{o} \rightarrow i$

Blood							
s	\tilde{o} :	-	g	-	-	-	-
s	i	n	dʒ	-	e	-	-

1 transitions: $\tilde{e} \rightarrow e$

Ash					
s	\tilde{e} :	-	-	d	-
tʃ	e	n	e	-	r

1 transitions: $\tilde{e} \rightarrow i$

Appendix 2 - Prior Frequencies

Ash									
s	ē:	-	-	d	-	-	-	-	-
k	i	n	e	-	r	e	m	-	-

1 transitions: ē:→ε

Ash									
s	ē:	-	-	d	-	-	-	-	-
s	ε	n	-	d	r	ə	-	-	-

1 transitions: ē:→ã

Ash									
s	ē:	-	-	d	-	-	-	-	-
s	ã	-	-	d	ʁ	-	-	-	-

1 transitions: ə→u:

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

2 transitions: ə→ɔ:

ToSplit-Partire									
p	ə	r	t	i	-	-	-	-	-
p	ɔ:	r	t	i	-	-	-	-	-

ToStand-Altiare									
-	ə	l	s	-	a	-	-	-	-
h	ɔ:	-	s	-	i:	-	-	-	-

1 transitions: ə→ε:

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

4 transitions: ə→õ

Round									
r	ə	d	o	-	-	-	-	-	-
ʁ	õ	-	-	-	-	-	-	-	-

Round									
r	ə	d	o	-	-	-	-	-	-
r	õ	-	-	-	-	-	-	-	-

Round									
r	ə	t	u	n	d	-	-	-	-
ʁ	õ	-	-	-	-	-	-	-	-

Round									
r	ə	t	u	n	d	-	-	-	-
r	õ	-	-	-	-	-	-	-	-

3 transitions: ə→ĩ

Guts									
ə	n	t	-	r	a	ɲ	-	ə	-
ĩ	-	t	-	r	ẽ	ɲ	-	e	-

ToBurn-Incendere									
ə	n	s	e	n	d	-	r	ə	-
ĩ	-	s	e	n	ɖʒ	r	a	r	-

ToBurn-Incendere									
ə	n	s	e	n	d	-	r	ə	-
ĩ	-	s	ẽ	-	d	j	a	r	-

1 transitions: ə→ẽj

In-In	
ə	n
ẽj	-

1 transitions: ə→ẽj

In-In	
ə	n
ẽj	-

Appendix 2 - Prior Frequencies

1 transitions: ə→y

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

4 transitions: ə→ej

ToSmell-Fragrare									
f	l	ə	j	r	a	-	-		
f	-	ej	-	r	a	ɤ	-		

ToThrow									
ʒ	ə	-	t	e	-	-			
ʒ	ej	t	a	r	-	-			

ToThrow									
ʒ	ə	-	t	e	-	-			
ʒ	ej	t	a	r	-	-			

ToBurn-Cremare									
k	r	ə	m	a	-	-			
k	-	ej	m	a	ɤ	e			

2 transitions: ə→ej

ToSmell-Fragrare									
f	l	ə	j	r	a	-	-		
f	-	ej	-	r	a	r	-		

ToBurn-Cremare									
k	r	ə	m	a	-	-			
k	-	ej	m	a	r	e			

2 transitions: ə→aj

ToKill									
n	-	ə	g	a	-	-			
n	w	aj	e	-	-	-			

Two-Duac									
d	o	w	ə						
d	u	-	aj						

1 transitions: ə→oj

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

1 transitions: ə→ej

ToRub									
f	r	ə	g	a	-	-			
f	ɤ	ej	e	-	-	-			

1 transitions: ə→ɪ

I									
ʒ	ə	-	-						
ɔʒ	ɪ	-	-						

2 transitions: ə→n

Leg-Perna									
p	ɛ	r	n	ə	-	-			
p	j	e	r	n	a				

Leg-Perna									
g	a	m	b	ə	-				
p	j	e	r	n	a				

1 transitions: ə→m

Animal									
-	n	ə	m	a	-	j	e		
n	e	m	a	l	-	-	-		

1 transitions: ə→r

Appendix 2 - Prior Frequencies

ToSqueeze-Stringere									
ə	s	t	r	ɛ	ŋ	-	ə	-	-
ə	ʃ	t	r	ɪ	ʒ	i	r	-	-

4 transitions: ə→w

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

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

Fog-Nebula									
n	e	g	u	r	ə	-	-	-	-
n	-	e	-	-	w	l	ə	-	-

ToFall									
k	ə	d	ɛ	a	-	-	-	-	-
ʃ	w	a	-	-	ɤ	-	-	-	-

3 transitions: ə→j

Guts									
ə	n	t	-	r	a	ŋ	-	ə	-
ǣ	-	t	-	ɤ	a	-	-	j	-

Sand-Sabulum									
s	o	r	ə	-	-	-	-	-	-
s	o:	v	j	õ	-	-	-	-	-

ToFall									
k	ə	d	ɛ	a	-	-	-	-	-
ʃ	j	a	d	e	-	-	-	-	-

2 transitions: ə→r

ToKnow-Cognoscere									
k	u	-	n	ɛ	ʃ	-	ə	-	-
k	o	-	n	o	θ	e	r	-	-

ToFlow-Excurrere									
ə	-	s	k	o	-	r	ə	-	-
e	-	s	k	u	r	i	r	-	-

2 transitions: ə→d

Tail									
c	ɔ	a	d	ə	-	-	-	-	-
k	a	w	d	ɐ	-	-	-	-	-

Tail									
c	ɔ	a	d	ə	-	-	-	-	-
k	a	w	d	ɐ	-	-	-	-	-

1 transitions: ə→ɤ

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

1 transitions: ə→v

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

1 transitions: ə→b

ManHumanBeing									
-	ɔ	m	ə	-	-	-	-	-	-
o	m	-	b	r	e	-	-	-	-

2 transitions: ɐ→e:

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

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

2 transitions: ɐ→u

Appendix 2 - Prior Frequencies

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

1 transitions: $e \rightarrow \text{ɔ}$:

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

2 transitions: $e \rightarrow \varepsilon$:

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

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

Year	Year	Year	Year
e - n u -	e - n u -	e - n u -	e - n u -
ã - - - -	ã - - - -	ã - - - -	ã - - - -

3 transitions: $e \rightarrow \tilde{e}$

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

2 transitions: $e \rightarrow y$

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

1 transitions: $e \rightarrow \text{aj}$

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

4 transitions: $e \rightarrow \alpha$

Sand	Sand	ToCut-Taliare	ToScratch-Rasare
- a r ej - e	- e r ej - e	t e - ʎ - a r -	ʁ e z a r -
h a r e: n α	h a r e: n α	t α j - - e - -	ʁ α z e - -

2 transitions: $e \rightarrow n$

Leg-Perna	Leg-Perna
p ε ʁ n e -	p ε r n e -
p j e r n a	p j e r n a

2 transitions: $e \rightarrow j$

Appendix 2 - Prior Frequencies

Guts	Guts
ĩ - t - r ẽ n - ɐ	ẽ - t - r ɐ n - ɐ
ã - t - ʁ a - - j	ã - t - ʁ a - - j

2 transitions: ɐ → d

ToFall	ToFall
k - ɐ - i r -	k - ɐ - i r -
k ə d ɛa - - -	k ə d ɛa - - -

1 transitions: ɐ → v

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

2 transitions: ɐ → b

ToDig-Excavare	ToDig-Excavare
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 - -

2 transitions: ɐ → tʃ

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

3 transitions: i → e:

Hair	ToSplit-Separare	ToSwell-Crescere
p - i l u -	s i p ɐ r a r - -	k r - i ʃ s e r -
p - e: l - -	s e: p a r a: r e -	k r - e: s k e: r e

1 transitions: i → a:

Hand
m i n ə -
m a: n o -

1 transitions: i → u

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

1 transitions: i → o:

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

1 transitions: i → ɔ

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

Appendix 2 - Prior Frequencies

1 transitions: $i \rightarrow \epsilon$:

What			
k	-	i	-
k	w	ε:	-

1 transitions: $i \rightarrow \emptyset$:

Narrow-Strictus									
-	s	t	r	-	i	m	-	t	-
-	s	t	ɐ	-	∅:	-	-	-	-

2 transitions: $i \rightarrow \tilde{o}$

Round						Round					
ɐ	i	d	ō	-	d	u	-	ɐ	i	d	ō
ɐ	ō	-	-	-	-	-	-	r	ō	-	-

4 transitions: $i \rightarrow \tilde{i}$

ToSqueeze-Stringere										ToSqueeze-Stringere										ToBurn-Incendere										ToBurn-Incendere									
-	s	t	r	i	n	ɕ	e	-	-	-	s	t	r	i	n	ɕ	e	-	-	i	n	ʃ	i	n	d	ʒ	e	-	-	i	n	ʃ	i	n	d	ʒ	e	-	-
ə	ʃ	t	r	ī	-	ʒ	i	r	-	ə	ʃ	t	r	ī	ʒ	i	r	-	-	ī	-	s	e	n	ɕ	ɪ	a	r	-	ī	-	s	ē	-	d	j	a	r	-

2 transitions: $i \rightarrow \tilde{e}$

ToSqueeze-Stringere										ToBurn-Incendere									
-	s	t	r	i	n	ɕ	e	-	-	i	n	ʃ	i	n	d	ʒ	e	-	-
e	-	t	ɐ	ē	-	d	-	ɐ	-	ē	-	s	ā	-	d	j	e	-	-

1 transitions: $i \rightarrow \tilde{e}j$

In-In	
i	n
ēj	-

2 transitions: $i \rightarrow \tilde{e}w$

Hand				Hand			
m	i	n	ə	-	m	i	n
m	ē	-	-	-	m	ē	-
w	-	-	-	-	w	-	-

1 transitions: $i \rightarrow \tilde{e}j$

In-In	
i	n
ēj	-

1 transitions: $i \rightarrow \tilde{a}$

Belly-Pantex						
p	i	n	t	e	ʃ	e
p	ā	-	s	-	-	-

Appendix 2 - Prior Frequencies

1 transitions: $i \rightarrow \tilde{o}$:

Blood									
s	i	n	ɔ̃	-	e	-	-	-	-
s	ō:	-	g	-	-	-	-	-	-

1 transitions: $i \rightarrow y$

River-Rivus				
r	i	-	w	-
ɣ	y	-	-	-

1 transitions: $i \rightarrow ej$

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

1 transitions: $i \rightarrow ej$

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

1 transitions: $i \rightarrow \varphi a$

ToKnow-Cognoscere									
k	u	-	ɲ	i	s	-	e	r	-
k	u	-	n	ɔ̃a	ɸ	t	e	-	-

1 transitions: $i \rightarrow \varphi a$

ToDrink				
b	-	i	β	e
b	-	ɔ̃a	-	-

1 transitions: $i \rightarrow a$

ToDrink				
b	-	i	β	e
b	w	a	-	-

1 transitions: $i \rightarrow m$

Worm				
v	e	r	m	i
v	j	e	r	m

1 transitions: $i \rightarrow r$

Blood									
s	ē	-	g	-	i	-	-	-	-
s	a	ɲ	g	-	r	e	-	-	-

2 transitions: $i \rightarrow ʃ$

Appendix 2 - Prior Frequencies

Night	
n - o j t i - -	
n - o - t f e -	

1 transitions: $y \rightarrow i$:

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

3 transitions: $y \rightarrow a$

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

3 transitions: $y \rightarrow o$

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

3 transitions: $y \rightarrow ɔ$

Feather	Night	Night
p l y m -	n - y - t - -	n - y - t - -
p l ɔ m -	n - ɔ t t e -	j - ɔ - t - -

1 transitions: $y \rightarrow \emptyset$

Moon
l y n -
l ø n -

1 transitions: $y \rightarrow ə$

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

2 transitions: $y \rightarrow e$

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

1 transitions: $y \rightarrow i$

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

1 transitions: $y \rightarrow ɔa$

Night
n - y - t - -
n - ɔa p t e -

Appendix 2 - Prior Frequencies

2 transitions: y→oj

Night						Night					
n	-	y	-	t	-	n	-	y	-	t	-
n	-	oj	t	i	-	n	-	oj	t	i	-

2 transitions: y→w

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

1 transitions: y→ɥ

Fruit					
f	ɤ	y	-	-	-
f	ɤ	ɥ	i	-	-

4 transitions: ej→e:

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

1 transitions: ej→a:

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

3 transitions: ej→ø:

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

1 transitions: ej→ø

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

1 transitions: ej→ě

Breast			
s	ej	-	u
s	ě	-	-

4 transitions: ej→ə

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

1 transitions: ej→i

Appendix 2 - Prior Frequencies

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

1 transitions: ej→aj

Ear									
o	ɤ	ej	-	-	-	-	-	-	-
ɔ	ɤ	aj	-	-	-	-	-	-	-

1 transitions: ej→a

Three									
t	r	-	ej	-	-	-	-	-	-
t	ɤ	w	a	-	-	-	-	-	-

1 transitions: ej→j

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

4 transitions: ej→e:

Sand									
-	e	r	ej	-	e	-	-	-	-
h	a	r	e:	n	a	-	-	-	-

Full									
ʃ	-	ej	-	u	-	-	-	-	-
p	l	e:	n	u	s	-	-	-	-

Full									
ʃ	-	ej	-	u	-	-	-	-	-
p	l	e:	n	u	s	-	-	-	-

Straight									
d	i	r	-	ej	-	t	u	-	-
d	i:	r	-	e:	k	t	u	s	-

1 transitions: ej→a:

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

2 transitions: ej→ε:

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

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

2 transitions: ej→ø:

Narrow-Strictus									
i	ʃ	t	r	-	ej	-	-	t	u
-	s	t	ɤ	-	ø:	-	-	-	-

Straight									
d	i	r	-	ej	-	t	u	-	-
d	-	r	-	ø:	-	-	-	-	-

1 transitions: ej→ø

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

3 transitions: ej→ē

Breast									
s	ej	-	u	-	-	-	-	-	-
s	ē	-	-	-	-	-	-	-	-

Full									
ʃ	-	ej	-	u	-	-	-	-	-
p	l	ē	-	-	-	-	-	-	-

Full									
ʃ	-	ej	-	u	-	-	-	-	-
p	l	ē	-	-	-	-	-	-	-

Appendix 2 - Prior Frequencies

2 transitions: $\text{ej} \rightarrow \tilde{\text{e}}$

Full						Full					
ʃ	-	ej	-	u	-	ʃ	-	ej	-	u	-
p	l	$\tilde{\text{e}}$	-	-	-	p	l	$\tilde{\text{e}}$	-	-	-

2 transitions: $\text{ej} \rightarrow \text{ə}$

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	-	-

1 transitions: $\text{ej} \rightarrow \text{i}$

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

1 transitions: $\text{ej} \rightarrow \text{aj}$

Ear						
o	r	aj	-	-	ʌ	a
ɔ	R	aj	-	-	-	-

1 transitions: $\text{ej} \rightarrow \text{ɛj}$

Red-Vermiculus									
v	i	r	m	ej	-	-	ʌ	u	-
v	ɛ	ʀ	m	ɛj	-	-	-	-	-

1 transitions: $\text{aj} \rightarrow \text{i}$

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

2 transitions: $\text{aj} \rightarrow \text{i}$:

Sky						Sky					
k	-	aj	l	u	m	k	-	aj	l	u	m
s	-	i:	ʀ	-	-	ʃ	-	i:	l	-	-

2 transitions: $\text{aj} \rightarrow \text{a}$:

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

3 transitions: $\text{aj} \rightarrow \text{o}$

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

2 transitions: $\text{aj} \rightarrow \text{o}$:

Appendix 2 - Prior Frequencies

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

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

3 transitions: aj → ε:

Father						
p	aj	-	-	-	-	-
p	ε:	-	r	-	-	-

Father						
p	aj	-	-	-	-	-
p	ε:	-	r	-	-	-

Water						
aj	-	y	w	ə	-	-
ε:	-	-	w	-	-	-

2 transitions: aj → ə

ToKill						
n	w	aj	e	-	-	-
n	-	ə	g	a	-	-

Two-Duae						
d	u	-	aj	-	-	-
d	o	w	ə	-	-	-

1 transitions: aj → ɐ

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

1 transitions: aj → ej

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

1 transitions: aj → ɛj

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

1 transitions: aj → ɛa

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

1 transitions: ɔa → e

ToKnow-Cognoscere						
k	u	-	n	ɔa	ʃ	t e - -
k	o	-	ɲ	e	s	- e ʁ -

2 transitions: ɔa → i

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

Night						
n	-	ɔa	p	t	e	-
n	-	i	-	t	-	-

1 transitions: ɔa → u:

Rain						
p	l	ɔa	-	-	j	e
p	l	u:	-	ʁ	-	-

Appendix 2 - Prior Frequencies

2 transitions: $\text{qa} \rightarrow \epsilon$

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

2 transitions: $\text{qa} \rightarrow \emptyset$

Flower										ToSew									
f	l	qa	r	e	-	-	-	-	-	c	qa	-	-	s	-	e	-	-	-
f	l	ø:	ʁ	-	-	-	-	-	-	k	ø:	-	-	z	-	-	-	-	-

1 transitions: $\text{qa} \rightarrow \emptyset$

Tail									
c	qa	d	ə	-	-	-	-	-	-
k	ø	-	-	-	-	-	-	-	-

1 transitions: $\text{qa} \rightarrow i$

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

1 transitions: $\text{qa} \rightarrow y$

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

2 transitions: $\text{qa} \rightarrow \text{oj}$

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

2 transitions: $\text{qa} \rightarrow \text{œ}$

Woman-Domina										Flower									
d	qa	m	-	n	ə	-	-	-	-	f	l	qa	r	e	-	-	-	-	-
d	œ	m	-	-	-	-	-	-	-	f	l	œ	ʁ	-	-	-	-	-	-

1 transitions: $\text{qa} \rightarrow \text{aʊ}$

Tail									
c	qa	d	ə	-	-	-	-	-	-
k	aʊ	d	a	-	-	-	-	-	-

1 transitions: $\text{qa} \rightarrow w$

Leaf									
f	qa	-	j	e	-	-	-	-	-
f	w	e	-	-	e	-	-	-	-

1 transitions: $\text{qa} \rightarrow \text{ʉ}$

Appendix 2 - Prior Frequencies

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

4 transitions: oj→e

ToRub						
f	r	oj	-	-	-	-
f	r	e	g	a	r	-

ToRub						
f	r	oj	-	-	-	-
f	r	e	g	a	r	e

ToRub						
f	r	oj	-	-	-	-
f	r	e	-	a	-	-

ToRub						
f	r	oj	-	-	-	-
f	r	e	k	a	-	-

4 transitions: oj→ø:

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

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

Two-Duos						
d	-	oj	-	-	-	-
d	-	ø:	-	-	-	-

Two-Duos						
d	-	oj	-	-	-	-
d	-	ø:	-	-	-	-

4 transitions: oj→ø

Two-Duos						
d	-	oj	s	-	-	-
d	-	ø	-	-	-	-

Two-Duos						
d	-	oj	ʃ	-	-	-
d	-	ø	-	-	-	-

Two-Duos						
d	-	oj	-	-	-	-
d	-	ø	-	-	-	-

Two-Duos						
d	-	oj	-	-	-	-
d	-	ø	-	-	-	-

1 transitions: oj→ə

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

2 transitions: oj→y

Night						
n	-	oj	t	i	-	-
n	-	y	-	t	-	-

Night						
n	-	oj	t	i	-	-
n	-	y	-	t	-	-

2 transitions: oj→qa

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

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

1 transitions: oj→ɛj

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

1 transitions: ɛa→ø:

Star						
-	s	t	-	ɛa	-	-
-	s	t	-	ø:	-	l

1 transitions: ɛa→i

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

Appendix 2 - Prior Frequencies

1 transitions: $\xi a \rightarrow aj$

Fog-Caecia					
f	ξa	f	-	∂	
k	aj	k	i	a	

1 transitions: $\xi a \rightarrow a$

ToDrink					
b	-	ξa	-	-	-
b	w	a	-	\mathfrak{B}	-

1 transitions: $\xi a \rightarrow r$

ToLieAsInABed-Iacere					
z	∂	-	f	ξa	-
dʒ	e	-	r	e	-

1 transitions: $\xi a \rightarrow w$

ToFall					
k	∂	d	ξa	-	-
k	-	a	w	-	r ∂

3 transitions: $\xi a \rightarrow d$

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

1 transitions: $\xi a \rightarrow f$

Snow					
n	-	ξa	-	-	-
n	i:	f	-	-	-

1 transitions: $\mathfrak{ae} \rightarrow e:$

Woman					
f	\mathfrak{ae}	-	m	-	-
f	e:	-	m	i	-

2 transitions: $\mathfrak{ae} \rightarrow a$

Woman						Woman-Domina					
f	\mathfrak{ae}	-	m	-	-	d	\mathfrak{ae}	m	-	-	-
f	a	-	m	-	-	d	a	m	-	-	-

3 transitions: $\mathfrak{ae} \rightarrow u$

Leaf						Mouth-Gula						Mouth-Gula					
f	-	\mathfrak{ae}	j	-	-	g	\mathfrak{ae}	l	-	-	-	g	\mathfrak{ae}	l	-	-	-
f	-	u	ʎ	-	∂	g	u	l	a	-	-	g	u	r	∂	-	-

4 transitions: $\mathfrak{ae} \rightarrow o:$

Appendix 2 - Prior Frequencies

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

1 transitions: œ → ε

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

2 transitions: œ → ø:

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

2 transitions: œ → ɔa

Woman-Domina	Flower
d œ m - - -	f l œ ʁ - -
d ɔa m - n ə	f l ɔa r e -

2 transitions: α → e:

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

1 transitions: α → i:

Liver
f w α - - - -
f - i: k a: t u m

1 transitions: α → a:

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

1 transitions: α → ɔ:

Heart-Anima
α - - m -
ɔ: - - m -

3 transitions: α → ε

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

2 transitions: α → ø:

Appendix 2 - Prior Frequencies

Liver	Three
f w α - - - -	t ʁ w α -
f - ø: - - t - -	t r - ø: -

4 transitions: α → ɐ

Sand	Sand	ToCut-Taliare	ToScratch-Rasare
h a r e: n α	h a r e: n α	t α j - - e - -	ʁ α z e - -
- a r ej - ɐ	- ɐ r ej - ɐ	t ɐ - ʎ - a r -	ʁ ɐ z a r -

1 transitions: α → i

ToDrink
b w α - - ʁ -
b - i β e r -

1 transitions: α → ej

Three
t ʁ w α -
t r - ej -

1 transitions: α → ɛa

ToDrink
b w α - - ʁ -
b - ɛa - - - -

4 transitions: au → u

Tail	ToHear	ToHear	ToHear
k aụ d a -	aụ - d i: r e	aụ - d i: r e	aụ - d i: r e
k u - a -	u - d i r e	u - - i - -	u l d i: - -

1 transitions: au → o:

Few
p aụ k u s
p o: k - -

4 transitions: au → ɔ

Tail	Tail	Few	Few
k aụ d a -	k aụ d a -	p aụ k u s	p aụ k u s
k ɔ w - -	k ɔ d ɛ -	p ɔ k o -	p ɔ k - -

2 transitions: au → ø

Tail	Few
k aụ d a -	p aụ k u s
k ø - - -	p ø - - -

2 transitions: au → ɔ̃

Appendix 2 - Prior Frequencies

ToHear						Few					
aʊ	-	d	i:	r	e	p	aʊ	k	u	s	
ō	-	-	R	-	-	p	ō	-	-	-	

1 transitions: aʊ → ɔa

Tail					
k	aʊ	d	a	-	
c	ɔa	d	ə	-	

1 transitions: aʊ → w

ToHear					
aʊ	-	d	i:	r	e
w	-	-	i	ɾ	-

4 transitions: εj → i

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

1 transitions: εj → ε

Red-Vermiculus					
v	ε	ɾ	m	εj	-
b	ə	r	m	ε	-

1 transitions: εj → ə

ToRub					
f	ɾ	εj	e	-	-
f	r	ə	g	a	-

1 transitions: εj → ɐj

Red-Vermiculus					
v	ε	ɾ	m	εj	-
v	i	r	m	ɐj	-

1 transitions: εj → oj

ToRub					
f	ɾ	εj	e	-	-
f	r	oj	-	-	-

4 transitions: i → e

I					I					I					I				
ɔ̟	i	-	-	-	ɔ̟	i	-	-	-	ɔ̟	i	-	-	-	ɔ̟	i	-	-	-
-	e	g	o:		-	e	-	-	w	-	e	-	-	w	j	e	-	-	w

4 transitions: i → i

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

Appendix 2 - Prior Frequencies

1 transitions: $i \rightarrow \partial$

I				
ɔ̥	i	-	-	-
ʒ	ə	-	-	-

3 transitions: $i \rightarrow j$

ToBurn-Incendere										ToBurn-Incendere										ToBurn-Incendere									
ĩ	-	s	e	n	ɔ̥	i	a	r	-	ĩ	-	s	e	n	ɔ̥	i	a	r	-	ĩ	-	s	e	n	ɔ̥	i	a	r	-
ẽ	-	s	ã	-	d	j	e	-	-	i	n	ʈ	ε	n	d	j	a	r	e	ĩ	-	s	ẽ	-	d	j	a	r	-

1 transitions: $i \rightarrow 3$

ToBurn-Incendere									
ĩ	-	s	e	n	ɔ̥	i	a	r	-
i	n	ʈ	i	n	d	3	e	-	-

1 transitions: $ij \rightarrow \tilde{e}$

Dog				
k	-	ij	n	e
ʈ	-	ẽ	-	-

1 transitions: $ij \rightarrow \tilde{\epsilon}$

Dog				
k	-	ij	n	e
ʃ	j	ẽ	-	-

2 transitions: $ij \rightarrow \tilde{e}\tilde{w}$

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

1 transitions: $iw \rightarrow i$

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

4 transitions: $iw \rightarrow a$

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	-

1 transitions: $iw \rightarrow a$:

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

Appendix 2 - Prior Frequencies

1 transitions: iw → ε

Seed-Granum					
g	r	iw	-	-	-
g	ɤ	ε	n	-	-

2 transitions: iw → ẽw̃

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

3 transitions: ʊ → u

Red					
ɤ	o	-	ʃ	ʊ	-
r	u	s	s	u	s

2 transitions: ʊ → o

Red					
ɤ	o	-	ʃ	ʊ	-
r	o	-	x	o	-

1 transitions: n → a:

ToWalk					
k	a	m	m	i	n
c	a	m	i	n	a:

3 transitions: n → u

ToStab					
p	u	n	ɖ	e	-
p	-	u	n	g	e

2 transitions: n → o

Animal					
n	e	m	a:	l	-
o	-	-	m	a	-

3 transitions: n → ẽ

Belly					
v	i	n	t	r	i
v	-	ẽ	-	t	-

2 transitions: n → ũ

ToStab					
p	u	n	ɖ	e	-
p	-	ũ	-	ɜ	i

2 transitions: n → ə

Appendix 2 - Prior Frequencies

Leg-Perna	Leg-Perna
p j e r n a	p j e r n a
p ε r n ə -	g a m b ə -

2 transitions: n→v

Leg-Perna	Leg-Perna
p j e r n a	p j e r n a
p ε ʁ n ɐ -	p ε r n ɐ -

3 transitions: 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

1 transitions: n→ʁ

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

1 transitions: n→ʃ

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

2 transitions: n→tʃ

Tooth	Tooth
d - e n t e m	d j e n t e -
d ẽ - tʃ i - -	d ẽ - tʃ i - -

2 transitions: n→ɔ̃

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

1 transitions: m→a

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

4 transitions: m→a:

Animal	Animal	Animal	Animal
a n i m a l i a	o - - m a - j -	a l i m a ɲ - a	- n ə m a - j e
n e m a: l - - -	n e m a: l - - -	n e m a: l - - -	n e m a: l - - -

1 transitions: m→ã

Appendix 2 - Prior Frequencies

ToSwell									
a	u	g	m	e	n	t	a	-	-
o	g	m	ã	-	t	e	-	-	-

1 transitions: m→ə

Animal									
n	e	m	a	l	-	-	-	-	-
-	n	ə	m	a	-	j	e	-	-

1 transitions: m→i

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

1 transitions: m→ɲ

All									
o	m	n	e	s	-	-	-	-	-
o	ɲ	ɲ	i	-	-	-	-	-	-

1 transitions: m→r

Leg-Perna									
g	a	m	b	ə	-	-	-	-	-
p	ɛ	r	n	ɐ	-	-	-	-	-

1 transitions: m→ʁ

Leg-Perna									
g	a	m	b	ə	-	-	-	-	-
p	ɛ	ʁ	n	ɐ	-	-	-	-	-

4 transitions: 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	-	-

2 transitions: m→z

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

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

2 transitions: ɲ→i

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

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

1 transitions: ɲ→m

All									
o	ɲ	ɲ	i	-	-	-	-	-	-
o	m	n	e	s	-	-	-	-	-

Appendix 2 - Prior Frequencies

1 transitions: $n \rightarrow l$

Animal									
a	l	i	m	a	n	-	a		
a	n	i	m	a	l	i	a		

2 transitions: $n \rightarrow g$

ToFight							Big						
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	

2 transitions: $n \rightarrow 3$

ToSqueeze-Stringere										ToSqueeze-Stringere									
e	s	t	r	e	n	-	i	r	-	ə	s	t	r	ε	n	-	ə	-	-
ə	ʃ	t	r	ī	ʒ	i	r	-	-	ə	ʃ	t	r	ī	ʒ	i	r	-	-

1 transitions: $n \rightarrow dʒ$

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

1 transitions: $ŋ \rightarrow k$

Long-Longum									
ʌ	o	-	ŋ	-	-	-			
l	u	n	k	-	-	-			

3 transitions: $ŋ \rightarrow g$

Long-Longum							Long-Longum							Long-Longum						
ʌ	o	-	ŋ	-	-	-	ʌ	o	-	ŋ	-	-	-	ʌ	o	-	ŋ	-	-	-
l	ō	-	g	u	-	-	l	ō	-	g	u	-	-	l	u	n	g	-	-	-

2 transitions: $r \rightarrow e$

ToLieAsInABed-Iacere										ToLieAsInABed-Iacere									
dʒ	e	-	-	r	e	-	dʒ	e	-	-	r	e	-						
j	a	-	k	e	r	e	dʒ	a	-	ʃ	e	r	e						

2 transitions: $r \rightarrow i$

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

3 transitions: $r \rightarrow a$

ToStand-Altiare										ToStand-Altiare										ToSwell									
-	a	l	t	i	a:	r	e	-		-	a	l	t	s	a	r	e	-			au	m	e	n	t	a	r	e	-
-	a	l	t	ʃ	-	a:	-			-	a	l	t	i	a:	r	e	-			au	g	m	e	n	t	a:	r	e

2 transitions: $r \rightarrow u$

Appendix 2 - Prior Frequencies

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

2 transitions: r → o

Day-Diurnata	Day-Diurnata
ɖ̥ o r n a t a -	ɖ̥ o r n a t a -
x - o r n a d a	ɖ̥ - o r n a d e

4 transitions: r → ε

Worm	Worm	Worm	Worm
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 - -

1 transitions: r → ə

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

1 transitions: r → ea

ToLieAsInABed-Iacere
ɖ̥ e - - r e -
z ə - ʃ ɛ a - -

4 transitions: r → w

Salt	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 - -

4 transitions: r → d

Round	Round	Round	Round
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 - - - -

4 transitions: r → v

Sand-Sabulum	Sand-Sabulum	Fog-Nebula	Fog-Nebula
s o r ə - - -	s o r ə - - -	n e g u r ə - -	n e g u r ə - -
s o : v j ɔ̃ - -	s a v a l ɔ n	n - ε - v w - ɐ	n - ε - v w - ɐ

2 transitions: 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 -

2 transitions: r → l

Appendix 2 - Prior Frequencies

Cloud-Secondary	Ice
n o - - r - -	ɔ̥ e r -
n u β u ɬ - -	ʒ ε ɬ -

1 transitions: r → h

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

2 transitions: r → β

Sand-Sabulum	Sand-Sabulum
s o r ə - - -	s o r ə - - -
s a j β - r u -	s a j β - r u -

1 transitions: l → e

Animal
a l i m a j n - a
n e m a: l - - -

1 transitions: l → i:

Root
ə r ε - l - - -
- r a: d i: k e m

4 transitions: l → o

Louse	Eye	Cloud-Secondary	Cloud-Secondary
p - e d u - k l u s	- o - k u l u s	n u b l a d u	n u b l a d u
p j o - - x - o - -	- o - x - o - -	n u v o l a -	n u v o l a -

3 transitions: l → ɔ̃

Sand-Sabulum	Sand-Sabulum	Sand-Sabulum
s a b u l u m	s a b - l - -	s a v a l ɔ̃ n
s o: v j ɔ̃ - -	s o: v j ɔ̃ - -	s o: v j ɔ̃ - -

1 transitions: l → n

Animal
a n i m a l i a
a l i m a j n - a

4 transitions: 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: - - -

4 transitions: l → t

Appendix 2 - Prior Frequencies

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

2 transitions: l → tʃ

ToBurn-Brojan	ToBurn-Brojan
b ɹ y l e - -	b ɹ u: l e - -
b r u tʃ a r e	b r u tʃ a r e

2 transitions: l → z

ToBurn-Brojan	ToBurn-Brojan
b ɹ y l e - -	b ɹ u: l e - -
b r u z a: - -	b r u z a: - -

3 transitions: w → a

ToHear	ToDig-Excavare	ToWipe-Exsucare
w - - i ɹ -	e k s k a w a: r e	- - s - u - w e - -
a u z i - -	e s k a b a r - -	ə - ʃ - u g a - - -

1 transitions: w → u:

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

3 transitions: w → o:

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

1 transitions: w → ø:

ToDrink
b w a - - ɹ -
b ø: - - ɹ - -

1 transitions: w → ð

ToHear
w - - i ɹ -
ð - - R - -

4 transitions: w → ə

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

2 transitions: w → y

Appendix 2 - Prior Frequencies

ToFlow					
f	l	w	i	ɤ	-
f	l	y	e	-	-

1 transitions: w → ɔa

Leaf					
f	w	e	-	-	e
f	ɔa	-	j	e	-

1 transitions: w → ɛa

ToFall					
k	-	a	w	-	r ɔ
k	ɔ	d	ɛa	-	-

1 transitions: w → au

ToHear					
w	-	-	i	ɤ	-
au	-	d	i	r	e

3 transitions: w → n

Heart-Anima					
a	w	-	m	ɐ	
a	n	i	m	a	

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

Heart-Anima					
a	w	-	m	ɐ	
i	n	i	m	ɔ	

4 transitions: w → r

Salt					
s	a	w	-	-	
s	a	r	e	-	

ToPull-Trahere					
t	r	ɛ	w	-	r ɔ
t	r	a	r	-	r e

Thin-Subtilis					
s	u	-	ʃ	i	w - -
s	u	b	ʃ	i	r e -

Thin-Subtilis					
s	u	-	ʃ	i	w - -
s	u	b	ʃ	i	r e -

1 transitions: w → s

Dust-Pulwus					
p	u	l	w	u	s
p	o	l	s	-	-

4 transitions: w → ɤ

Rain					
p	l	u	-	w	i a
p	l	u	-	ɤ	- -

Dust					
p	u	l	w	e	r e m
p	u	d	ɤ	-	- -

Sky					
s	-	ɛ	w	-	-
s	-	i	ɤ	-	-

Sky					
s	-	ɛ	w	-	-
s	-	i	ɤ	-	-

1 transitions: w → ʒ

Rain					
p	l	u	-	w	i a
p	l	u	-	ʒ	- ɔ

2 transitions: w → dʒ

Rain					
p	l	u	-	w	i a
p	j	o	d	dʒ	- a

ToPull-Trahere					
t	r	ɛ	w	-	r ɔ
t	r	a	dʒ	e	- -

Appendix 2 - Prior Frequencies

2 transitions: $w \rightarrow \lambda$

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

3 transitions: $w \rightarrow z$

Foot	ToPull-Trahere	ToPull-Trahere
p - ε w - - -	t r ε w - r ə	t r ε w - r ə
p i e z - - -	t r a z e - -	t r ə z e r -

1 transitions: $w \rightarrow h$

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

3 transitions: $w \rightarrow \eta$

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

4 transitions: $j \rightarrow o$

Louse	Louse	Eye	Knee-Geniculum
p - i d ɔ k k j o -	p - ə d u - k j e -	- ɔ k k - j o -	dʒ - i n ɔ k k j - o -
p j o - - x - o - -	p j o - - x - o - -	- o - x - o - -	- - i n o - x o - - -

1 transitions: $j \rightarrow \emptyset$

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

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

Tooth	Tooth	Tooth
d j e n t e -	d j e n t e -	d j e n t e -
d \tilde{e} - ʃ i - -	d \tilde{e} - t i - -	d \tilde{e} - - - -

3 transitions: $j \rightarrow \emptyset$

Guts	Sand-Sabulum	ToFall
ã - t - ʁ a - - j	s o: v j õ - -	ʃ j a d e - -
ə n t - r a ɲ - ə	s o r ə - - -	k ə d ɣ a - - -

2 transitions: $j \rightarrow \text{e}$

Guts	Guts
ã - t - ʁ a - - j	ã - t - ʁ a - - j
i - t - r \tilde{e} ɲ - e	\tilde{e} - t - r e ɲ - e

Appendix 2 - Prior Frequencies

1 transitions: $j \rightarrow ej$

Hair-Capillus									
ɸ	i	v	j	-	-	a	-	-	-
c	a	v	ej	-	-	-	-	-	-

3 transitions: $j \rightarrow i$

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

1 transitions: $j \rightarrow r$

Mouth-Gula									
g	ø:	j	-	-	-	-	-	-	-
g	u	r	ə	-	-	-	-	-	-

2 transitions: $j \rightarrow z$

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

3 transitions: $j \rightarrow y$

Liver										Liver										ToTie									
f	-	i	j	a:	t	-	-	-	-	f	-	i	j	a:	t	-	-	-	-	l	ɔ	j	i:	-	-	-	-	-	-
-	-	i	y	a	ð	o	-	-	-	f	-	i	y	ɐ	ð	u	-	-	-	ʌ	i	y	a	-	-	-	-	-	-

2 transitions: $j \rightarrow l$

ToBurn-Flammare										Full									
f	j	a	m	m	a	r	e	-	-	p	j	ε:	n	o	-	-	-	-	-
f	l	a	-	m	a	-	-	-	-	p	l	ε	-	-	-	-	-	-	-

2 transitions: $j \rightarrow k^j$

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

4 transitions: $s \rightarrow l$

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	-	-			

1 transitions: $s \rightarrow w$

Dust-Pulwus									
p	o	l	s	-	-	-	-	-	-
p	u	l	w	u	s	-	-	-	-

1 transitions: $s \rightarrow r$

Appendix 2 - Prior Frequencies

BarkOfATree-Skortea									
-	s	k	w	a	s	-	-	-	-
-	s	k	-	qa	r	ts	-	ə	-

3 transitions: s→d

ToTurnIntransitive-Torquere									
t	u	r	s	e	r	-	-	-	-
t	ɔ	ʁ	d	-	ʁ	-	-	-	-

ToTurnIntransitive-Torquere									
t	u	r	s	e	r	-	-	-	-
t	ɔ	ʁ	d	-	ʁ	-	-	-	-

ToTurnIntransitive-Torquere									
t	ɔ	r	s	ə	-	-	-	-	-
t	ɔ	ʁ	d	-	ʁ	-	-	-	-

1 transitions: s→ʁ

BarkOfATree-Skortea									
-	s	k	w	a	s	-	-	-	-
e	-	k	-	o	ʁ	s	-	-	-

1 transitions: s→b

Dust-Pulwus									
p	o	l	s	-	-	-	-	-	-
p	o	l	b	o	-	-	-	-	-

1 transitions: s→ʒ

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

3 transitions: s→dʒ

ToSuck									
s	y	s	e	-	-	-	-	-	-
s	u	dʒ	e	-	-	-	-	-	-

ToSuck									
s	y	s	i	-	-	-	-	-	-
s	u	dʒ	e	-	-	-	-	-	-

ToWipe-Extergere									
e	-	s	t	a	r	s	i	r	-
-	-	ʃ	t	e	r	dʒ	e	-	-

2 transitions: s→ç

FatNoun-Crassia									
g	ʁ	ɛ	s	-	-	-	-	-	-
k	ʁ	ɔ	ç	-	-	-	-	-	-

FatNoun-Crassia									
g	r	a	s	a	-	-	-	-	-
k	ʁ	ɔ	ç	-	-	-	-	-	-

2 transitions: t→a:

Day-Diurnata									
dʒ	o	r	n	a	t	a	-	-	-
d	i	u	r	n	a	t	a	-	-

ToSwell									
a	u	g	m	e	n	t	a	-	-
aʊ	g	m	e	n	t	a	r	e	-

2 transitions: t→u

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

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

4 transitions: t→l

Appendix 2 - Prior Frequencies

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

3 transitions: $t \rightarrow r$

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 -	ø - p i - r - t a r -	ø - p i - r - t a r -

3 transitions: $t \rightarrow \mathfrak{z}$

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

4 transitions: $t \rightarrow g$

Lake	Lake	Lake	ToFloat
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 -

2 transitions: $t \rightarrow b$

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 -

2 transitions: $t \rightarrow \mathcal{A}$

Back-Spatula	Back-Spatula
- s p a t u l a	- s p a t - - e
ə s p a \mathcal{A} - \mathcal{A} ə	ə s p a \mathcal{A} - \mathcal{A} ə

1 transitions: $t \rightarrow y$

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

1 transitions: $t \rightarrow x$

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

1 transitions: $t \rightarrow k^j$

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

1 transitions: $r \rightarrow i:$

Appendix 2 - Prior Frequencies

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

2 transitions: $r \rightarrow \ddot{o}$

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

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

2 transitions: $r \rightarrow \text{ə}$

ToKnow-Cognoscere									
k	o	-	n	o	θ	e	r	-	-
k	u	-	n	ε	ɸ	-	ə	-	-

ToFlow-Excurrere									
e	-	s	k	u	r	i	r	-	-
ə	-	s	k	o	-	r	ə	-	-

1 transitions: $r \rightarrow i$

Blood									
s	a	ŋ	g	-	r	e	-	-	-
s	ē	-	g	-	i	-	-	-	-

1 transitions: $r \rightarrow m$

Leg-Perna									
p	ε	r	n	ɐ	-	-	-	-	-
g	a	m	b	ə	-	-	-	-	-

1 transitions: $r \rightarrow j$

Mouth-Gula									
g	u	r	ə	-	-	-	-	-	-
g	ø:	j	-	-	-	-	-	-	-

1 transitions: $r \rightarrow s$

BarkOfATree-Skortea									
-	s	k	-	qa	r	ts	-	ə	-
-	s	k	w	a	s	-	-	-	-

3 transitions: $r \rightarrow t$

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

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

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

1 transitions: $r \rightarrow b$

Leg-Perna									
p	j	e	r	n	a	-	-	-	-
g	a	m	b	ə	-	-	-	-	-

1 transitions: $r \rightarrow t$

Sun									
s	qa	r	e	-	-	-	-	-	-
s	ɔ	t	-	-	-	-	-	-	-

Appendix 2 - Prior Frequencies

1 transitions: $r \rightarrow \downarrow$

ToScratch-Coctiare					
k	u	s	a	r	
k	o	s	a	↓	

4 transitions: $k \rightarrow a$

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	-	∫	k	ε	v	a	ɤ	-	i	-	∫	k	ε	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	-	-

2 transitions: $k \rightarrow u$

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

4 transitions: $k \rightarrow o$

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

1 transitions: $k \rightarrow \eta$

Long-Longum					
l	u	n	k	-	-
λ	o	-	η	-	-

4 transitions: $k \rightarrow \mathfrak{d}_\zeta$

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

1 transitions: $k \rightarrow h$

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

1 transitions: $k \rightarrow g^w$

Blood									
s	a	η	k	-	-	-	-	-	-
s	a	n	g ^w	-	i	n	e	m	

2 transitions: $p \rightarrow u$

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

3 transitions: $p \rightarrow f$

Appendix 2 - Prior Frequencies

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

4 transitions: p→f

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

2 transitions: p→y

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

1 transitions: p→c

Night
n - ɔa p t e -
n - o c t e m

2 transitions: p→k^w

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

1 transitions: d→i

ToSqueeze-Stringere
e - t ɸ ē - d - ɸ -
ə ʃ t r i ʒ i r - -

4 transitions: d→u

Cloud-Secondary	Cloud-Secondary	Warm	Warm
n u b l a d u	n u b l a d u	k a w - - d u	k a w - - d u
n u: b i l u s	n u: b i l u s	k a l i d u s	k a l - d u -

4 transitions: d→o

Cloud-Secondary	Cloud-Secondary	Warm	Warm
n u b l a d u	n u b l a d u	k a w - - d u	k a w - - d u
n u b - l o -	n u b - l o -	k a l - d o -	k a l - d o -

2 transitions: d→ε

Tail	Tail
k a w d ɐ	k a w d ɐ
k ɔ d ε -	k ɔ d ε -

1 transitions: d→ε:

Appendix 2 - Prior Frequencies

ToFall						
k	ə	d	ɛa	-	-	-
ʃ	-	ɛ:	-	-	ʀ	-

2 transitions: d→ə

Tail					Tail				
k	a	w	d	ɐ	k	a	w	d	ɐ
c	ɔa	d	ə	-	c	ɔa	d	ə	-

2 transitions: d→ɐ

ToFall							ToFall						
k	ə	d	ɛa	-	-	-	k	ə	d	ɛa	-	-	-
k	-	ɐ	-	i	r	-	k	-	ɐ	-	i	r	-

3 transitions: d→ɛa

ToFall							ToFall							ToFall						
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	-	-	-

4 transitions: d→r

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

3 transitions: d→s

ToTurnIntransitive-Torquere							ToTurnIntransitive-Torquere							ToTurnIntransitive-Torquere						
t	ɔ	ʁ	d	-	ʁ	-	t	ɔ	ʁ	d	-	ʁ	-	t	ɔ	ʁ	d	-	ʁ	-
t	u	r	s	e	r	-	t	u	r	s	e	r	-	t	ɔ	r	s	ə	-	-

4 transitions: d→b

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

2 transitions: d→ʃ

ToTurnIntransitive-Torquere							ToTurnIntransitive-Torquere						
t	ɔ	ʁ	d	-	ʁ	-	t	ɔ	ʁ	d	-	ʁ	-
t	ɔ	r	ʃ	e	r	e	t	ɔa	r	ʃ	e	-	-

3 transitions: d→ʎ

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

1 transitions: d→θ

Appendix 2 - Prior Frequencies

ToTurnIntransitive-Torquere

t	ɔ	ʁ	d	-	ʁ	-
t	o	r	θ	e	r	-

1 transitions: d→x

Day-Diurnata

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

1 transitions: d→k^w

ToTurnIntransitive-Torquere

t	ɔ	ʁ	d	-	ʁ	-
t	o	r	k ^w	e:	r	e

2 transitions: 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:	-	-

2 transitions: d→dz

Leaf-Frondea

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

Day-Diurnata

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

1 transitions: ʁ→a

ToWalk

k	ɐ	m	i	ɲ	a	ʁ	-	-
k	a	m	m	i	n	a	r	e

4 transitions: ʁ→ε

Worm

v	e	ʁ	-	-	-
v	j	ε	R	-	-

Worm

v	e	ʁ	-	-	-
v	j	ε	r	-	-

Worm

v	e	ʁ	m	i	-
v	j	ε	R	-	-

Worm

v	e	ʁ	m	i	-
v	j	ε	r	-	-

1 transitions: ʁ→ə

ToKnow-Cognoscere

k	ɔ	-	n	ε	-	t	ʁ	-	-
k	u	-	n	ε	f	-	ə	-	-

1 transitions: ʁ→n

Day-Diurnata

ʒ	-	u	ʁ	n	e	-	-
dʒ	o	r	n	a	t	a	-

1 transitions: ʁ→m

Leg-Perna

p	ε	ʁ	n	ɐ	-
g	a	m	b	ə	-

Appendix 2 - Prior Frequencies

4 transitions: $\mathfrak{x} \rightarrow \mathfrak{w}$

Rain	Dust	Sky	Sky
p l u: - \mathfrak{x} - -	p u d \mathfrak{x} - - -	s - i: \mathfrak{x} - -	s - i: \mathfrak{x} - -
p l u - w i a	p u l w e r e m	s - ε w - -	s - ε w - -

1 transitions: $\mathfrak{x} \rightarrow \mathfrak{s}$

BarkOfATree-Skorte
e - k - o \mathfrak{x} s - -
- s k w a s - - -

3 transitions: $\mathfrak{x} \rightarrow \mathfrak{t}$

Round	Round	Round
\mathfrak{x} ð - - - - -	\mathfrak{x} e d ð - d u -	\mathfrak{x} i d ð - d u -
t a r ɔ n t - -	t a r ɔ n t - -	t a r ɔ n t - -

4 transitions: $\mathfrak{x} \rightarrow \mathfrak{v}$

Rain	Rain	Dust	Dust
p l u: - \mathfrak{x} - -	p l u: - \mathfrak{x} - -	p u d \mathfrak{x} - - -	p u d \mathfrak{x} - - -
f - u - v - e	f - u - v - e	p o l v e r e -	p ɔ l v a r - -

2 transitions: $\mathfrak{x} \rightarrow \mathfrak{b}$

Rain	Dust
p l u: - \mathfrak{x} - -	p u d \mathfrak{x} - - -
j - u - b j a	p u l b e r e -

1 transitions: $\mathfrak{x} \rightarrow \mathfrak{z}$

Rain
p l u: - \mathfrak{x} - -
p l u - \mathfrak{z} - ə

3 transitions: $\mathfrak{g} \rightarrow \mathfrak{i}$

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 f t r i ʒ i r - -	ə f t r i ʒ i r - -	ə f t r i ʒ i r - -

1 transitions: $\mathfrak{g} \rightarrow \mathfrak{ɔ}$

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

2 transitions: $\mathfrak{g} \rightarrow \varepsilon$

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

2 transitions: $\mathfrak{g} \rightarrow \mathfrak{n}$

Appendix 2 - Prior Frequencies

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

3 transitions: g→ŋ

Long-Longum	Long-Longum	Long-Longum
l ð - g u - -	l ð - g u - -	l u n g - - -
l o - ŋ - - -	l o - ŋ - - -	l o - ŋ - - -

4 transitions: g→t

Lake	Lake	Lake	ToFloat
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

1 transitions: g→x

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

4 transitions: g→c

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

1 transitions: g→j

Ice
g e l u:
j e l o

3 transitions: g→k^w

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

4 transitions: g→ʃ

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

1 transitions: v→ə

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

1 transitions: v→ɐ

Appendix 2 - Prior Frequencies

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

4 transitions: v→m

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

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

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

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

4 transitions: v→r

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

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

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

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

4 transitions: v→ʁ

Rain									
f	-	u	-	v	-	ɐ			
p	l	u	-	ʁ	-	-			

Rain									
f	-	u	-	v	-	ɐ			
p	l	u	-	ʁ	-	-			

Dust									
p	o	l	v	e	r	e	-		
p	u	d	ʁ	-	-	-			

Dust									
p	ɔ	l	v	a	r	-	-		
p	u	d	ʁ	-	-	-			

2 transitions: v→z

ToHear									
o	w	v	i	ʁ	-				
a	u	z	i	-	-				

ToHear									
o	w	v	i	r	-				
a	u	z	i	-	-				

1 transitions: b→i

ManHumanBeing									
o	m	-	b	r	e	-			
h	o	m	i	-	n	e	m		

4 transitions: b→a

ToDig-Excavare									
e	s	k	a	b	a	r	-	-	
e	k	s	k	a	w	a	r	e	

ToDig-Excavare									
e	s	k	a	b	a	r	-	-	
-	-	s	k	a	v	a	r	e	

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

ToCount-Numerare									
n	ɔ̃	-	b	ʁ	e	-	-		
n	u	m	a	r	a	-	-		

3 transitions: b→u

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

ToStand-Levare									
j	e	b	a	r	-				
l	-	u	a	-	-				

ToStand-Levare									
ʎ	ə	b	a	-	-				
l	-	u	a	-	-				

1 transitions: b→ə

ManHumanBeing									
o	m	-	b	r	e	-			
-	ɔ	m	ə	-	-	-			

2 transitions: b→ɐ

Appendix 2 - Prior Frequencies

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

1 transitions: b→s

Dust-Pulwus
p o l b o -
p o l s - -

2 transitions: 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 -

1 transitions: b→r

Leg-Perna
g a m b ə -
p j e r n a

4 transitions: 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 ɤ -	ẽ - d - - a r -

2 transitions: b→ɤ

Rain	Dust
j - u - b j a	p u l b e r e -
p l u: - ɤ - -	p u d ɤ - - -

1 transitions: b→g^w

Tongue
l i m b - ə
l i n g ^w - a

3 transitions: f→e

Snow	Snow	Snow
n i: f - - -	n i: f - - -	n i: f - - -
n j e b e -	n - e v e -	n - e w - -

1 transitions: f→e:

Snow
n i: f - - -
n - e: f - -

1 transitions: f→i

Snow
n i: f - - -
n - i w e m

Appendix 2 - Prior Frequencies

2 transitions: $f \rightarrow \varepsilon$

Snow						Snow					
n	i	f	-	-	-	n	i	f	-	-	-
n	-	ε	v	i	-	n	-	ε	v	i	-

1 transitions: $f \rightarrow ea$

Snow					
n	i	f	-	-	-
n	-	\underline{ea}	-	-	-

3 transitions: $f \rightarrow p$

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

3 transitions: $f \rightarrow \beta$

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

1 transitions: $f \rightarrow e$

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

1 transitions: $f \rightarrow i$

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

2 transitions: $f \rightarrow i$:

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

1 transitions: $f \rightarrow a$

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

1 transitions: $f \rightarrow o$

Bone					
-	-	\mathfrak{c}	-	f	-
-	w	e	s	o	-

1 transitions: $f \rightarrow n$

Appendix 2 - Prior Frequencies

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

1 transitions: $f \rightarrow ts$

Belly-Pantex									
p	a	n	f	-	-	a	-	-	-
p	a	n	ts	-	-	e	-	-	-

3 transitions: $f \rightarrow h$

ToKnow-Cognoscere									
k	o	-	n	o	f	f	e	r	e
k	i	-	n	o	h	-	-	-	-

ToKnow-Cognoscere									
k	u	-	n	e	f	-	a	-	-
k	i	-	n	o	h	-	-	-	-

ToKnow-Cognoscere									
k	u	-	n	o	a	f	t	e	-
k	i	-	n	o	h	-	-	-	-

2 transitions: $f \rightarrow j$

Rain									
f	-	u	-	v	-	e	-	-	-
j	-	u	-	b	j	a	-	-	-

Rain									
f	-	u	-	v	-	e	-	-	-
j	-	u	-	b	j	a	-	-	-

1 transitions: $f \rightarrow j$

ToDig-Cavare									
f	a	v	e	-	-	-	-	-	-
j	a	v	a:	-	-	-	-	-	-

3 transitions: $f \rightarrow \zeta$

FatNoun-Crassia									
g	r	a	f	e	-	-	-	-	-
k	r	o:	\zeta	-	-	-	-	-	-

FatNoun-Crassia									
g	r	a	f	e	-	-	-	-	-
k	r	o:	\zeta	-	-	-	-	-	-

FatNoun-Crassia									
g	r	e	f	-	-	-	-	-	-
k	r	o:	\zeta	-	-	-	-	-	-

1 transitions: $tf \rightarrow e$

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

2 transitions: $tf \rightarrow a$

ToThrow									
-	e	-	tf	a	r	-	-	-	-
3	ej	t	a	r	-	-	-	-	-

ToThrow									
-	e	-	tf	a	r	-	-	-	-
3	ej	t	a	r	-	-	-	-	-

2 transitions: $tf \rightarrow o$

Leg-Petiolus									
p	i	t	tf	-	o	l	o	-	-
p	e	k	o	l	-	-	-	-	-

Leg-Petiolus									
p	i	-	tf	j	o	r	-	-	-
p	e	k	o	l	-	-	-	-	-

2 transitions: $tf \rightarrow e$

Appendix 2 - Prior Frequencies

BarkOfATree-Corticea	BarkOfATree-Corticea
k o r t e t t f a	k o r t e t t f a
k o ɤ t f i s e -	k u r t i s e -

2 transitions: t f → i

Night	Night
n - o - t f e -	n - o - t f e -
n - o j t i - -	n - o j t i - -

2 transitions: t f → n

Tooth	Tooth
d ē - t f i - -	d ē - t f i - -
d - e n t e m	d j e n t e -

2 transitions: t f → l

ToBurn-Brojan	ToBurn-Brojan
b r u t f a r e	b r u t f a r e
b ɤ y l e - -	b ɤ u: l e - -

4 transitions: t f → p

Wide-Amplum	Wide-Amplum	Wide-Amplum	Wide-Amplum
a n t f - o -	a n t f - o -	a n t f - o -	a n t f - o -
a m p l u s	ã - p l - -	a m p j o -	a m p l ə -

2 transitions: t f → d

ToTurnIntransitive-Torquere	ToTurnIntransitive-Torquere
t ɔ r t f e r e	t ɔ a r t f e - -
t ɔ ɤ d - ɤ -	t ɔ ɤ d - ɤ -

4 transitions: t f → ʒ

Near-Vicinus	Near-Vicinus	Near-Vicinus	Red-Rubeus
v - i t f i n o -	v - i t f i n - -	v - e t f i n - -	r ɔ - t f - - -
v - i ʒ ē - - -	v - i ʒ ē - - -	v - i ʒ ē - - -	ɤ u - ʒ - - -

1 transitions: t f → dʒ

Red-Rubeus
r ɔ - t f - - -
r u - dʒ e - -

2 transitions: t f → h

Bird-Avicellum	Bird-Avicellum
- - u - t t f - ε l l o -	- - u - - t f j ε - l - -
- - u: - - h - ε: - - - -	- - u: - - h - ε: - - - -

2 transitions: ʒ → e

Appendix 2 - Prior Frequencies

ToStab									
p	-	ũ	-	ʒ	i	ʁ	-	-	-
p	u	n	ɔ̃	e	-	-	-	-	-

ToStab									
p	-	ũ	-	ʒ	i	r	-	-	-
p	u	n	ɔ̃	e	-	-	-	-	-

3 transitions: ʒ→i

I					I					ToSqueeze-Stringere									
ʒ	ə	-	-	-	ʒ	-	-	ɔ	-	ə	ʃ	t	r	ĩ	-	ʒ	i	r	-
i	-	-	o	-	i	-	-	o	-	ə	ʃ	t	r	ĩ	ʒ	i	r	-	-

1 transitions: ʒ→ɪ

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

2 transitions: ʒ→p

ToSqueeze-Stringere										ToSqueeze-Stringere									
ə	ʃ	t	r	ĩ	ʒ	i	r	-	-	ə	ʃ	t	r	ĩ	ʒ	i	r	-	-
e	s	t	r	e	p	-	i	r	-	ə	s	t	r	ɛ	p	-	ə	-	-

1 transitions: ʒ→w

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

1 transitions: ʒ→s

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

1 transitions: ʒ→ʁ

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

4 transitions: ʒ→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	ɔ̃	-	ʃ	-	-	-	-		

1 transitions: ʒ→θ

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

1 transitions: ʒ→ɔ̃

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

Appendix 2 - Prior Frequencies

1 transitions: $\text{d}_3 \rightarrow \text{e}$

ToStab									
p	-	u	n	d ₃	e	r	e		
p	u	n	d ₃	e	-	-	-		

4 transitions: $\text{d}_3 \rightarrow \text{i}$

I				ToSqueeze-Stringere										ToSqueeze-Stringere										ToFlow-Excurrere													
d ₃	i	-	-	-	s	t	r	i	n	d ₃	e	r	e	-	-	-	s	t	r	i	n	d ₃	e	-	-	-	-	s	k	u	r	d ₃	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	-	-	

2 transitions: $\text{d}_3 \rightarrow \text{n}$

ToStab										ToStab									
p	u	n	d ₃	e	-	-	-			p	u	n	d ₃	e	-	-	-		
p	-	u	n	g	e	r	e			p	-	u	n	d ₃	e	r	e		

1 transitions: $\text{d}_3 \rightarrow \text{n}$

ToStab									
p	u	n	d ₃	e	-	-	-		
p	-	u	n	i	-	-	-		

2 transitions: $\text{d}_3 \rightarrow \text{w}$

Rain										ToPull-Trahere									
p	j	o	d	d ₃	-	a				t	r	a	d ₃	e	-	-			
p	l	u	-	w	i	a				t	r	ɛ	w	-	r	ə			

3 transitions: $\text{d}_3 \rightarrow \text{s}$

ToSuck						ToSuck						ToWipe-Extergere									
s	u	d ₃	e	-	-	s	u	d ₃	e	-	-	-	-	ʃ	t	e	r	d ₃	e	-	-
s	y	s	e	-	-	s	y	s	i	-	-	e	-	s	t	a	r	s	i	r	-

4 transitions: $\text{d}_3 \rightarrow \text{k}$

Blood										Leg-Gamba										Liver										Liver									
s	i	n	d ₃	-	e	-	-	-		d ₃	ã	-	p	-						f	-	e	d ₃	ə	-	-	-			f	-	e	d ₃	ə	-	-	-		
s	a	ŋ	k	-	-	-	-	-		k	a	m	b	ə						f	-	i	k	a	t	u	m			f	-	i	k	a	t	-	-		

1 transitions: $\text{d}_3 \rightarrow \text{tʃ}$

Red-Rubeus									
r	u	-	d ₃	e	-	-	-		
r	ɔ	-	tʃ	-	-	-	-		

3 transitions: $\text{d}_3 \rightarrow \text{ð}$

ToSplit								Smooth-Nitidus								Smooth-Nitidus							
ɖ	i	v	i	ɖ	i	ɪ	-	n	ɛ	ɖ	u	-	-	-	n	ɛ	ɖ	u	-	-	-		
d	i	v	i	ð	i	r	-	n	i	ð	i	-	o	-	n	i	ð	i	-	o	-		

4 transitions: $\text{d}_3 \rightarrow \text{y}$

Appendix 2 - Prior Frequencies

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

1 transitions: ɔ̃ → c

ToSuck
s u ɔ̃ e - -
c u c a: - -

2 transitions: ɔ̃ → ʀ

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

1 transitions: ɔ̃ → h

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

2 transitions: ɔ̃ → ʃ

Leg-Gamba	ToEat-Manducare
ɔ̃ ă - p -	m a n ɔ̃ - - a r e
ʃ a m b e	m a ɲ ʃ - - a: - -

1 transitions: ɔ̃ → dz

Day-Diurnata
ɔ̃ o r n a t a -
dz - o r n a d e

1 transitions: ɔ̃ → g^w

Blood
s i n ɔ̃ - e - -
s a n g ^w - i n e m

1 transitions: ʌ → e

Leaf
f - ɔ̃ ʌ ʌ a
f ɔ̃ a - j e -

1 transitions: ʌ → i:

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

3 transitions: ʌ → a

Ear	Ear	Ear
o r e - - ʌ ɐ	o r ɐ j - - ʌ ɐ	u r ε - - ʌ ə
o: r i k l a -	o: r i k l a -	o: r i k l a -

Appendix 2 - Prior Frequencies

2 transitions: $\lambda \rightarrow o$

Eye										Eye									
-	o	-	-	-	λ	u	-	-	-	-	o	-	-	-	λ	u	-	-	-
-	o	-	x	-	o	-	-	-	-	-	o	-	x	-	o	-	-	-	-

2 transitions: $\lambda \rightarrow w$

Back-Spatula										Back-Spatula									
∂	s	p	a	λ	-	λ	∂	-	-	∂	s	p	a	λ	-	λ	∂	-	-
i	f	p	a	d	-	w	∂	-	-	i	f	p	a	d	-	w	∂	-	-

2 transitions: $\lambda \rightarrow t$

Back-Spatula										Back-Spatula									
∂	s	p	a	λ	-	λ	∂	-	-	∂	s	p	a	λ	-	λ	∂	-	-
-	s	p	a	t	u	l	a	-	-	-	s	p	a	t	-	-	e	-	-

3 transitions: $\lambda \rightarrow d$

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

1 transitions: $\lambda \rightarrow t$

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

4 transitions: $\lambda \rightarrow j$

Hair-Capillus										Neck										ToStand-Levare										There									
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	-	-				

2 transitions: $z \rightarrow m$

Near										Near																							
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2 transitions: $z \rightarrow r$

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

2 transitions: $z \rightarrow l$

ToBurn-Brojan										ToBurn-Brojan									
b	r	u	z	a:	-	-	-	-	-	b	r	u	z	a:	-	-	-	-	-
b	\mathfrak{x}	y	l	e	-	-	-	-	-	b	\mathfrak{x}	u:	l	e	-	-	-	-	-

Appendix 2 - Prior Frequencies

3 transitions: $z \rightarrow w$

Foot						ToPull-Trahere						ToPull-Trahere					
p	i	e	z	-	-	t	r	a	z	e	-	t	r	ʊ	z	e	r
p	-	ɛ	w	-	-	t	r	ɛ	w	-	r	ə	t	r	ɛ	w	-

2 transitions: $z \rightarrow j$

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

2 transitions: $z \rightarrow v$

ToHear						ToHear					
a	u	z	i	-	-	a	u	z	i	-	-
o	w	v	i	ɣ	-	o	w	v	i	r	-

3 transitions: $z \rightarrow h$

Bird-Avicellum						ToPull-Trahere						ToPull-Trahere					
w	a	-	-	z	-	t	r	a	z	e	-	t	r	ʊ	z	e	r
-	u	-	-	h	-	t	r	a	h	e	r	e	t	r	a	h	e

1 transitions: $z \rightarrow j$

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

1 transitions: $z \rightarrow dz$

Leaf-Frondea					
f	r	u	n	z	-
f	r	o	n	dz	-

3 transitions: $\delta \rightarrow dʒ$

ToSplit						Smooth-Nitidus						Smooth-Nitidus					
d	i	v	i	δ	i	n	i	δ	i	-	o	n	i	δ	i	-	o
dʒ	i	v	i	dʒ	i	n	ɛ	dʒ	u	-	-	n	ɛ	dʒ	u	-	-

1 transitions: $\theta \rightarrow o$

Leg-Petiolus					
p	e	-	θ	i	o
p	ɛ	k	o	l	-

1 transitions: $\theta \rightarrow d$

ToTurnIntransitive-Torquere					
t	o	r	θ	e	r
t	ɔ	ɣ	d	-	ɣ

1 transitions: $\theta \rightarrow ʒ$

Appendix 2 - Prior Frequencies

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

1 transitions: $\theta \rightarrow c$

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

3 transitions: $\theta \rightarrow ts$

Belly-Pantex							
p	a	n	θ	-	-	-	a
p	a	n	ts	-	-	e	-

ToStand-Altiare							
-	a	l	θ	-	a	r	-
-	a	l	ts	a	r	e	-

Cold-Recens							
r	e	θ	j	e	n	t	e
r	e	ts	-	i	n	t	-

1 transitions: $\theta \rightarrow h$

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

2 transitions: $\theta \rightarrow k^w$

ToTurnIntransitive-Torquere							
t	o	r	θ	e	r	-	-
t	o	r	k ^w	e:	r	e	-

Five							
θ	i	n	k	-	o	-	-
k ^w	i:	n	k ^w	-	e	-	-

3 transitions: $\gamma \rightarrow j$

Liver							
-	-	i	γ	a	ð	o	-
f	-	i	j	a:	t	-	-

Liver							
f	-	i	γ	ɐ	ð	u	-
f	-	i	j	a:	t	-	-

ToTie							
ʎ	i	γ	a	-	-	-	-
l	ɔ	j	i:	-	-	-	-

1 transitions: $\gamma \rightarrow t$

Lake							
l	a	γ	u	-	-	-	-
l	a:	t	-	-	-	-	-

2 transitions: $\gamma \rightarrow p$

Water							
a	-	γ	w	a	-	-	-
a	-	p	-	ə	-	-	-

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

4 transitions: $\gamma \rightarrow ɕ$

Liver							
-	-	i	γ	a	ð	o	-
f	-	e	ɕ	ə	-	-	-

Liver							
f	-	i	γ	ɐ	ð	u	-
f	-	e	ɕ	ə	-	-	-

ToSwim-Navigare							
n	a	v	i	γ	a	ɤ	-
n	ɛ	-	-	ɕ	i:	-	-

ToSwim-Navigare							
n	ɐ	v	i	γ	a	r	-
n	ɛ	-	-	ɕ	i:	-	-

2 transitions: $\gamma \rightarrow k^w$

Appendix 2 - Prior Frequencies

Water					Water				
a	-	ɥ	w	a	aj	-	ɥ	w	ə
a	-	k ^w	-	a	a	-	k ^w	-	a

1 transitions: x→i:

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

1 transitions: x→t

Old				
b	j	e	x	o
w	-	e	t	u

1 transitions: x→d

Day-Diurnata				
x	-	o	r	n
d	i	u	r	n

1 transitions: x→g

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

3 transitions: x→k^l

Eye					Knee-Geniculum					Old				
-	o	-	x	-	-	-	i	n	o	-	x	o	-	-
-	o	-	k ^l	-	-	-	ɖʒ	-	e	n	u	n	k ^l	-

1 transitions: x→dz

Day-Diurnata				
x	-	o	r	n
dz	-	o	r	n

1 transitions: c→p

Night				
n	-	o	c	t
n	-	qa	p	t

4 transitions: c→g

ToSuck					ToSuck					ToSuck					ToFloat											
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	ɣ	-	s	u	g	a	r	-	f	l	u	g	t	w	a	r	-

1 transitions: c→ɖʒ

ToSuck				
c	u	c	a:	-
s	u	ɖʒ	e	-

Appendix 2 - Prior Frequencies

1 transitions: $c \rightarrow \theta$

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

2 transitions: $R \rightarrow i:$

ToHear						
\ddot{o}	-	-	R	-	-	-
au	-	d	i:	r	e	-

ToHear						
\ddot{o}	-	-	R	-	-	-
u	l	d	i:	-	-	-

2 transitions: $R \rightarrow \text{ɕ}$

ToFlow-Excurrere						
i	-	ɸ	k	u	-	R
-	-	s	k	u	r	ɕ

ToFlow-Currere						
k	ɔ	-	R	i	-	-
k	u	r	ɕ	e	-	-

1 transitions: $ts \rightarrow f$

Belly-Pantex						
p	a	n	ts	-	-	e
p	a	ɲ	ɸ	-	-	ə

3 transitions: $ts \rightarrow \theta$

Belly-Pantex						
p	a	n	ts	-	-	e
p	a	n	θ	-	-	a

ToStand-Altiare						
-	a	l	ts	a	r	e
-	a	l	θ	-	a	r

Cold-Recens						
r	e	ts	-	i	n	t
r	e	θ	j	e	n	t

2 transitions: $\text{ɬ} \rightarrow a$

Cloud-Secondary						
n	u	β	u	ɬ	-	-
n	u	b	l	a	d	u

Cloud-Secondary						
n	u	β	u	ɬ	-	-
n	u	b	l	a	d	u

2 transitions: $\text{ɬ} \rightarrow r$

Cloud-Secondary						
n	u	β	u	ɬ	-	-
n	o	-	-	r	-	-

Ice						
ʒ	ε	ɬ	-	-	-	-
ɕ	e	r	-	-	-	-

2 transitions: $\text{ɬ} \rightarrow j$

ToBurn-Flammare						
f	ɬ	a	-	m	a	-
f	j	a	m	m	a	r

Full						
p	ɬ	ε	-	-	-	-
p	j	ε:	n	o	-	-

1 transitions: $\text{ɬ} \rightarrow r$

Sun						
s	ɔ	ɬ	-	-	-	-
s	ɔa	r	e	-	-	-

1 transitions: $\text{ɬ} \rightarrow \text{ɰ}$

Appendix 2 - Prior Frequencies

Full						
p	t̥	ε	-	-	-	-
-	ʌ	e	n	o	-	-

2 transitions: h→o

ManHumanBeing						
h	o	m	i	-	n	e
o	m	-	b	r	e	-

ManHumanBeing						
h	o	m	i	-	n	e
o	m	ẽ	j̃	-	-	-

1 transitions: h→ɔ

ManHumanBeing						
h	o	m	i	-	n	e
ɔ	m	ẽ	j̃	-	-	-

1 transitions: h→ε

DullAsAKnife						
h	ε	b	e	t	e	m
ε	b	e	t	e	-	-

1 transitions: h→r

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

1 transitions: h→w

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

1 transitions: h→k

Bird-Avicellum						
-	-	u:	-	-	h	ε:
-	a	w	i	-	k	-

3 transitions: h→f

ToKnow-Cognoscere						
k	i	-	n	ɔ	h	-
k	o	-	n	o	f	f

ToKnow-Cognoscere						
k	i	-	n	ɔ	h	-
k	u	-	n	ε	f	-

ToKnow-Cognoscere						
k	i	-	n	ɔ	h	-
k	u	-	n	ɔa	f	t

2 transitions: h→tʃ

Bird-Avicellum						
-	-	u:	-	-	h	ε:
-	-	u	-	t	tʃ	-

Bird-Avicellum						
-	-	u:	-	-	h	ε:
-	-	u	-	-	tʃ	j

1 transitions: h→dʒ

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

Appendix 2 - Prior Frequencies

3 transitions: $h \rightarrow z$

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

1 transitions: $h \rightarrow \theta$

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

1 transitions: $j \rightarrow i$

I			
j	-	-	o
i	-	-	o

1 transitions: $j \rightarrow g$

Ice			
j	e	l	o
g	e	l	u:

2 transitions: $j \rightarrow f$

Rain						Rain					
j	-	u	-	b	j	a	-	-	-	-	-
f	-	u	-	v	-	e	-	-	-	-	-

4 transitions: $j \rightarrow \lambda$

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

1 transitions: $j \rightarrow z$

ToLieAsInABed-Iacere									
j	a	-	θ	e	r	-	-	-	-
z	ə	-	f	ɛ	a	-	-	-	-

2 transitions: $k^w \rightarrow p$

Water					Four				
a	-	k ^w	-	a	k ^w	-	a	t	t
a	-	p	-	ə	p	-	a	-	t

1 transitions: $k^w \rightarrow d$

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

3 transitions: $k^w \rightarrow g$

Appendix 2 - Prior Frequencies

Water	Water	Water
a - k ^w - a	a - k ^w - a	a - k ^w - a
a - g w ə	a - g w ə	a - g - e

2 transitions: k^w→θ

ToTurnIntransitive-Torquere	Five
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

2 transitions: k^w→y

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

2 transitions: β→r

Sand-Sabulum	Sand-Sabulum
s aj β - r u -	s aj β - r u -
s o r ə - -	s o r ə - -

3 transitions: β→f

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

2 transitions: ɥ→u:

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

2 transitions: ɥ→o

Rain	Rain
p l ɥ - - i -	p l ɥ - - i -
p j o d dʒ - a	p l o - - j e

1 transitions: ɥ→y

Fruit
f ɤ ɥ i - - - -
f ɹ y - - - -

1 transitions: ɥ→ɔa

Rain
p l ɥ - - i -
p l ɔa - - j e

3 transitions: ɥ→w

Appendix 2 - Prior Frequencies

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

1 transitions: ʃ → a

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

2 transitions: ʃ → d

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

4 transitions: ʃ → g

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

1 transitions: ʃ → f

ToDig-Cavare
ʃ a v a: - -
f ə v e - -

2 transitions: ʃ → 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

2 transitions: k^j → j

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

1 transitions: k^j → t

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

3 transitions: k^j → x

Eye	Knee-Geniculum	Old
- 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 - - - -

2 transitions: dz → d

Appendix 2 - Prior Frequencies

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

1 transitions: dz → z

Day-Diurnata
d z - o r n a d e
z - u r n e -

1 transitions: dz → dz

Day-Diurnata
d z - o r n a d e
d z o r n a t a -

1 transitions: dz → z

Leaf-Frondea
f r o n d z - a
f r u n z - ə

1 transitions: dz → x

Day-Diurnata
d z - o r n a d e
x - o r n a d a

1 transitions: g^w → k

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

1 transitions: g^w → b

Tongue
l i n g ^w - a
l i m b - ə

1 transitions: g^w → dz

Blood
s a n g ^w - i n e m
s i n d z - e - -

1 transitions: ɹ → r

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

2 transitions: ç → s

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

Appendix 2 - Prior Frequencies

3 transitions: $\zeta \rightarrow f$

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

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	54
mẽj mẽj nuvej̃ kelizẽj̃ kẽj̃ nẽj̃ ẽj̃		
ẽw̃	0250, 0303, 0077, 0303	63
kẽw̃ kẽw̃ grẽw̃ grẽw̃ mẽw̃ mẽw̃ nẽw̃ nẽw̃		
au	0061, 0075, 032F	78
kaũda aũdi:re aũgmenta:re aũmentar aũmentare aũgmentar aũgmentar paũkus		
ea	0065, 032F, 0061	80
t̃eas̃t̃a s̃t̃ea t̃f̃eat̃f̃a ñea g̃eats̃a b̃ea ved̃ea z̃ãt̃f̃ea f̃ed̃ea k̃ad̃ea		
oa	006F, 032F, 0061	39
d̃oam̃ña f̃oaje sk̃oarts̃a f̃loare c̃oad̃a s̃qare pl̃oaje ñoapte ṽoame kuñoaf̃te t̃oart̃f̃e c̃oase apr̃oape		
ẽj̃	1EBD, 006A, 0303	41
om̃ẽj̃ om̃ẽj̃ neñẽj̃ neñẽj̃ nuvej̃̃ kalizẽj̃̃ kẽj̃̃ nẽj̃̃ ẽj̃̃		
ẽu	1EBD, 0075, 032F	89
l̃ẽu		
aj	0061, 006A	56
paj paj ɔraj ajyw̃a sajβru sajβru tene:braj kajkia kajlum nwaje traj majjo:rem duaj		
a:	0061, 02D0	53
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 fu:ma:ta stra:ta monta:nea diurna:ta manduka:re ma:nja: 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 mat̃fa: pugna:re kaptia:re cat̃fa: pulsa:re pulsa: seka:re sea: kurta:re ekskurta:re skurta: ta:lia:re ta:l̃la:re taja: se:para:re separa: jugula:re jugula:re ra:dere rada: rasa: kawa:re java: ekskawa:re z̃java: nata:re nada: naviga:re naviga: wola:re z̃vola: camina: ma:r̃t̃fi: ambita:re sedenta:re senta: sta:re sta: leva:re leva: alti:re alt̃fa: torna:re torna: gyra:re d̃zira: d̃zira: 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 lant̃fa: e:runka:re liga:re lea: apta:re komputa:re konta: e:numera:re numera:re numera: kanta:re canta: joka:re d̃zija: flu:ktua:re fluita:re ko:la:re gela:re glakia:re glat̃fa: inglakia:re aũgmenta:re infla:re enfla: konfla:re zglo:ñfa: bruza: krema:re flamma:re flama: flagra:re ustula:re la:tus de:lika:tus ma:l sua:wem illa:k		
ej	0065, 006A	59
pejfi cavej okej seju pejtu sejfu areje fejrak̃ zejtar̃ zejtar̃ kejm̃ake istrejtu d̃zirejtu trej		
e:	0065, 02D0	25
fe:mina be:stia se:men pe:l ste:l̃la pje:tra pje:re hare:ña 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 d̃zaf̃e:re sede:re tork̃e:re tene:re e:runka:re e:numera:re intume:skere kre:ske:re arde:re omne:s de:lika:tus du:ze: fret̃ ple:nus di:re:ktus korre:ktus tre:s 'tre:		
i:	0069, 02D0	37
mui:r mui:r mari:tus mari:t ra:di:kem ra:di:ke radi:t̃fe radi:ki:na wi:wenda pi: pi:t̃ fi:ka:tum ri:wus ri:pa:ria rivi:k̃ pi:k̃ ka:li:ginem si:k̃ t̃fi:l̃ nif̃ kammi:num mapi: sysi: respi:ra:re ri:de:re ri:de:re xi:k̃ vi:k̃ aũdi:re uldi: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:dere t̃f̃esi: teji: di:widere parti:re parti: ned̃zi: ma:r̃t̃fi: weni:re vi:ni: ho:si: strengi: pu:si: lanci: loji: di:kere di:k̃ di: skori: subti:lem suti:l̃ fri:gidus vi: di:re:ktus wi:ki:nus k̃w̃i:nk̃e ekkumhi:k̃ ibi: ki: si:k̃ ki:		

Appendix 4 - Words containing each segment

ĵ	006A, 0303	92
mũĵtu mŭĵtu		
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	17
noj voj noĵti noĵti froj rojb dojs doĵf doj doj		
O:	006F, 02D0	2
ego: no:s noi no: wo:s voi vo: homo: spo:s o:b flo:rem fjo:re flo:r o:wum o:rikla so:lem so:vĵo no:men no:me no:minem vo:mi kogno:skere ko:gita:re odo:ra:re ko:nsuere ekspone:re ko:la:re to:tus po:k majjo:rem duo:s k ^w ando: k ^w o:modo no:n		
u:	0075, 02D0	21
tu: u:he: fru:ktus fu:nem u: u:f kornu: plu:ma u:j ku:ŕ ku:r lu:na plu:ŕ flu:men nu:be:s nu:bilus nu:l fu:ma:ta gelu: fu:mus fu:k dĵu: dĵu: su:gere tu:tari tu:rne eksu:ka:re pu:si lu:dere flu:ktua:re bœ:le ku:ŕ minu:tus minu:t du:ze: su:ti pu:f aku:tus retu:sus u:midus u:dus u:num ĵfemu:t		
Ŕ:	00F5, 02D0	76
sō:g		
Ø:	00F8, 02D0	72
flø:ŕ gø:j fø:t stø:l fø: bø:ŕ savø:ŕ kø:z stxø: drø: dø: trø:		
œ	0153, 0303	93
okaœ œ		
ej	0250, 006A	60
peĵfi oreĵle seju peĵtu seĵfu e:reje feĵrar keĵmare iftreĵtu feju feju vejlu direĵtu virmejlu		
ẽ	0250, 0303	45
ifẽĵfi ifẽti grẽme sēgi sēgi pẽse pẽse itrẽne mōtẽne mēzax mēzar ēdax ēdar lēsa lēsar kētar kētar tētu tētu grēdĵi grēdi ěfu ěfu kwēdu kwēdu		
ã	0251, 0303	43
ãfã efã seŕpã sãmãs vĵãd sã dã zãb vãtŕ pãs ãtŕaj vã sãdŕ ã ã lãg mãze pãse sãtŕŕ fãdŕ etãdŕ lãse fãte ĵfãte ogmãte ãfle ěsãdĵe gŕã gŕã ãpl kã kãmã dã		
ɔ:	0254, 02D0	73
ĵɔ: kɔ:ç ɔ:m pɔ:rti hɔ:si bwɔ:no mɔ:		
õ	0254, 0303	42
õ mõ nõ kõspyẽ nõbœe lõ nõ nõ		

Appendix 4 - Words containing each segment

ɛj	025B, 006A	86
sɔləj fɛɛje vɛɛmɛj		
ɛ:	025B, 02D0	57
pɛ:r u:hɛ: pjɛ:de ɛ:w tɛ:ɐ tɛ:nebre tɛ:nebre tʃɛ:r pje:no kwɛ:		
ẽ	025B, 0303	62
fjẽ vêt fəmẽ pẽse sėti sēde fēt pwēdɐ ɛpɛdɐ etɛdɐ ẽsādje plẽ vwazẽ lwētẽ kômẽ		
g^w	0261, 02B7	74
sang ^w inem ling ^w a		
ij	0268, 006A	66
kijne		
iw	0268, 0077	70
griw		
ẽ:	1EBD, 02D0	88
sẽ:d		
a	0061	27
fɛ:mina fam embra femmina fembra domina dam doja dɔnna infantem infante fante sponsa esposa spɔza ispoza mari:tus mari:marido marito maridu marit mari:t madre marə mari patre padre parə pari tata tata tata tata tata tatə animalia omaj alimaɲa nɔmajɛ be:stia biʃfa pwasɔ awem abe avi avi aw awikellum wazo passerem paxaro passero paseru paseru pasəre kanem kan kane ka can sarpint farpe arborem aɐbɐ arɔol albero aɐvori arvuri abrə arbul arbore silwa selba selva sɛwva selba pal palo palo paw paw pal par grano grano gra gran folia oxa fɔlɔla frondea frondza raiθ ɐais ɐadi radi:tʃe ra:di:ki:na ɐasin kortikea korteθa kortetʃa skortea skɔrtsa skwas skwartse herba jerba erba jarbe jarbə ɐɐamen grama gram rista rista kwan kotenna pja karnem karne karne karni karni karn karne wi:wenda bibjenda vivanda vivɛda sang ^w inem sangre sangwe sarj sarjɐ adepem adipe grasa graʃe graʃe kaɔda kola koda kawdɛ kawdɛ kua plu:ma pluma pjuma penna peɲa penna panə pwal kapillus kabejo kapello kabelu tʃivja cavej kapitia kaɐeθa kavettsa kabesɐ kap kap testa testa o:rikla orexa orekkja naso nas nas nariθ nariʃe naris bukka boka bokka gula gola gola ungula uɲa ungja gamba gamba gamba kambə ɟambe gambə perna pjerna gambə manum mano maɲ a:la ala ala a a alə ale pantikem panθa panʃa panʃə pantse intera:nea ɔtɐaj entrɐɲa ɛntrɐɲə spatula espalda spalla iʃpadwɛ iʃpadwɛ ɛspa:lɔɔ spal spale spate san anima alma alma awmɛ almɛ anime iyaðo fegato fikat lu:na luna luna ste:lɔ etwal estreja stella ak ^w a aywa akkwa agwɛ agwɛ age apə pluwia jubja pjoddʒa ri:pa:ria lakum lak lago lago lagu layu ɔak lak lak mare mar mare maɐ mar mar mare sal sale saw sal sal sare saksum sasso petra pjeðra pje:tra pjatrə lapidem laude lapide hare:na arena arejɛ arinə sabulum sabl savalɔn sabula sabbja pɔlvar terra tjera terra tsarə nuvola nublada nublada kalina kaliɟine kaliɟɛj nebula njebla nebbja tinjeblas fu:ma:ta fumata fumata fumase fumase fumate kajkia glas gjaʃfa glas glaʃe θeniθa wia vwa bia via stra:ta estrada strada istrade iʃtraðɛ kammi:num kamino kammino kamijɲu monta:nea mɔtɐɲ montɐɲa montɐɲɲa muntɐɲə mɔtɐɲ mɔntɐɲɛ dia ɟɔɲna ɟɔɲna diurna:ta xornada ɟɔrnata ɟɔrnade annum aɲo anno aɲ aɲ an ling ^w a lengwa lingwa manduka:re mandukar mandɟare mɛɟaɐ mɛɟar mɛɟaɲa mapi: maɲja: minka mwardi moskar morsikare musəga musəgar musəɲa murseka sugaɐ sugar skujpa esputar sputare soffjare sufla respirar respirare ɐɐspirar ɐiʃpirar rɛspira vwaɐ auzi sapere savwaɐ saber sapere sabɐɐ savɔɐ save: kwidar kodɟitare kuzitaɐ kuzitar kujda kudɟeta pensar pensar pɛsaɐ pɛsar pɛnsa pɛsa ulura odorare fragrare fejrɐɐ fejrar flɔjra tremare dwaɐmi via nɔga neka anegar annegare makta:re mate matar mataɐ matar mɔta maʃa: puɲar puɲɲare puɲa battuere batɐ batir battere bateɐ batrə bate bati bate kaptia:re fase kaθar kattʃare kasaa kɛsar kɛsa catʃa: puxar pulsare puʃaɐ puʃar pulsa segar segare segaɐ siɲar sɔɲa kortar kɔstaɐ kurtar skortare skurta taxar taɔɔla:re taɔaɐ tɛlar tɔla taja: taja parti:re paktiɐ partir partire paktʃiɐ parti: se:para:re separar separare separaɐ sipɛrar sɔpɛra separa: separa raɛr radere ɐaɐ rawrə rada: rade rasar rasare ɐazaɐ ɐazar rəza rasa: raskar ɐaʃkaɐ ɐɛʃkar rɛska kosaɔ kusar kawa:re kabar kavare kɛvaɐ kɛvar kɔba java: ekskawa:re eskabar skavare iʃkɛvaɐ iʃkɛvar ɟjava: nata:re nadar nwotare nadaɐ nɛðar nɔda nada: naviga:re naze nabegar navigare naviɲaɐ neviɲar nɔbɔga naviga: naviga bolar volare voaɐ vwar bula zvolare zbura kaminar kamminare kɛmijaa kɛmijar kɛmina camina:		

Appendix 4 - Words containing each segment

maŕŕe ambita:re andar andare ēdaŕ ēdar jake:re jaðer đatŕe:re zawrə swaŕ sentar sētar
 sētar estar stare iŕtar iŕtar ōsta sta jebar levare lewaŕ livar lāba lua altia:re alðar altsare aŕsa aŕsar əlsa altŕa: tornar
 tornare toŕnaŕ turnar turna turna xirar đžirare žirar žirar zira birar virar virar žirar bira kadere ſwaŕ kaer kadere kawrə
 ſŕjade tumbaŕ tōbaŕ tōbar tumba dare dar dare daŕ dar dar da donar donare doa duar duna segurar ſiguraŕ ſiŕurar ſerar
 seŕa səŕar səra serare ðerar serrare siŕar siŕar appekto:re apretar epirtar epirtar fregar fregarare frəga frea freka iſſrigrar
 iſſrigrar frotar frettare frisar frəsa lawa:re lave laŕar lavare levar levar lāba lave lava: la estarsir enxugar affugare efugar
 efugar əfuga uska limpjar lipar lipar tirar tirare ſŕira tirar tira puxar pulsare puŕar puŕar pulsa trahere trarare traze tradŕe
 jakta:re eſŕar đzettare zejtar zejtar xita lankea:re lanðar lanſŕare lēsa lēsar lānsa lanci: lanſŕa: arankar arronſŕare aruŕka
 legar legare liŕa lega apta:re atar etar etar kontar kontare kōtar kōtar kumta enumerar enumerare enumerar enumerar
 enumerar noverare numera numera kanta:re kantar kantare kētar kētar kōnta canta: kinta xugar đžokare zogar zugar zuga
 zuka flugtwar fluttuare flutuwaŕ flutuwar fluktua fluctua fluitare kolar kolare koar kuar kuŕa elar đželare žilar žilar žəla đžale
 glakia:re glase gjattŕare gləsa glaſŕa: inglakia:re ingetsa aŕumentar aŕumentare aŕgmentar aŕgmentar augmenta inſŕar enfiare
 iſŕar iſŕar imſla umſla gonſŕare kəwatə brutŕare kəame kemar kremare kəmare kəmaŕe krəma flamma:re flame ſjammare
 flama flama: arde:re aŕdŕ arder ardere aŕdŕ arde flagra:re flagŕe flagrar flagrare flagŕaŕ flagrar inſŕendjare iſendŕar iſendŕar
 ustolare ustura tantus tanto tanto tant tanc alguno alkuno awgū atgū alter altro altrə altri alt alius aw aſ magnus mapo
 mapo grandem grande grande gran grant mare largus larŕ larŕo largo larŕu largu lark lark larg lato lato latu latu lat
 amplus anſŕo ampjo amplə krassus graso grasso graſu gras gras gras grawis grabe gravi gravi grav angustus angosto
 angusto etŕwa delyaðo delikato dewgadu delyaðu dəlikat kalidus kaldo kaldo kawdu kaldu kaſ calt kald ſŕwa malus mal
 malo malo maw maw mal đŕwa tarənt aku:tus ayuðo soave suaw adpropre aprəape vwazē kirka ðerka lontano lūnta
 lontan galbinus galben amarellus amarijo emarelu albus albo albo awvu alvu alb alb duas k"attwor katə kwatro kwattro
 kwatru kwatru kwatrə kwat kwatri patru aki aki aki aki la aja la la la əla la la ai ai kwa k"ando: kwando kwando
 kwan kwand kwant ad a a a a a a abhoc avek avu

b 0062 19
 bos bus embra fembra ombre be:stia biffa biffə biffə bis abe berme arborem aŕbŕ albero abrə o:b arbul arbore selba selba
 herba ɛŕb jerba ɛrba erbə jarbe jarbə bibjenda webə kabejo kabelu kəbɛl kabesə bukka buſ boka bokka bokə bokə bokə
 bək bəce bukə gamba žub gamba gamba kambə jambe gambə gambə bjentre bentrə jubja sabulum sabl sabula sabbja
 pulbere polbo nu:be:s nube nube nu:bilus nublo nubladu nubladu nebula njebla nebbja tene:braj tɛ:nebre tene:bras tenebŕ
 tinjeblas tɛ:nebre tanebrəs bjento ben njebe bia biə nombre limbə bibere bwax beber bere bebes biſer bewrə bə:ŕ bevi
 bea ber bewrə saber sabes seber bibir biwrə battuere batŕ batir battere bates bəter batrə bate bati bate dibidir dibidi
 kabar kəba eskabar nabegar nəbəga bolar bula zbura ambita:re benir bəni jebar lāba birar bira tōbe tumbaŕ tōbaŕ tōbar
 tumba lāba nəbŕe bŕyle brutŕare bŕu:le bruza: grabe brewis bŕef brebe breve bŕevi bŕevi bŕew bŕef subti:lem subtsire
 bjexo bonus bō bweno bwə:no bō bō bən bō bən bun hebetem ebete beθino bəi bermexo bərmɛl rubeus rubjo rəbbjo
 rubeo rubeo rojb berde galbinus galben albus albo albo alb alb ibi: abhoc

c 0063 65
 can ca:ŕ cəqadə cavej ca:f bəce noctem cuca: caſŕa: camina: lanci: cəase canta: fluctua molc tanc calt spurcus abhoc

d 0064 23
 usted domina dam doŕa dōnna done done dōnə dōem dōne dōamnə maridu ma:dre pa:dre peduklus pidəkkjo pedoli
 pədukje frondea ra:di:kem ra:di:ke ɛadi radi:ſŕe ra:di:ki:na rəðəſŕinə kodie wi:wenda vjəd bibjenda vivanda vivəda vivəde
 adepem adipe kaŕda koda kawdŕ kawdŕ kōde cəqadə dentem dā djente dente dēſŕi dēti dē dint dinte pedem pje:de
 dorsum do dōsso dos dō dwes do espalda iſpadwə iſpadwə figədu pjodđza pedre lapidem laude lapide pudŕ nubladu
 nubladu sōdŕ sendrə sē:d estrada strada istradŕ die:s dia di diŕ diŕ diə di di diurnum djurno diurna:ta xornada dʒornade
 komedere manduka:re mandukar morder:re moŕdŕ morderə moŕdŕ mwardi spuda: ri:de:re ri:dere ridi ride wide:re vedere
 vjodi vedŕa aŕdi:re udire uldi: kŕide kwidar kujda odo:ra:re odorare kŕēdŕ dormi:re dəŕmiŕ dormir dormire dəŕmiŕ durmir
 durmi dwəŕmi durmi: dormi okki:dere utſŕidere utſŕide di:widere dibidir dividere diviðir dibidi dividi divide skindere sēde
 ſindere findere fūdŕ ender fendere fēdŕ fēder fendrə pwēdŕ ra:dere radere rada: rade fodere nadar nadaŕ nəda nada:
 andar andare ēdaŕ ēdar ekstendere etādŕ ekstender estendere iſtēdŕ iſtēder əstendrə ekstinde sede:re sedere ſedŕa
 sedentare təŕdŕ kadere kadere ſŕjade kəđə dare dar dare daŕ dar dar da: da dona:re dōne donar donare doa duar duna
 dine dona: epŕēdŕ etŕēdŕ limpida:re kudŕ di:kere diŕ deθir dire dizer dizer di di:ŕ di: lu:dere ludir arde:re aŕdŕ arder
 ardere aŕdŕ ɛrder arde inkendere ēsādŕe enθender inſŕendjare iſendŕar ənsendrə inſŕindŕe todo todə dut grandem grande
 grande grēdi gurdus gordo lurdus lerdo lordo lerdo lerdo menudo miudu de:lika:tus du:ze: delyaðo delikato dewgadu
 delyaðu dəlikat kalidus kaldo kaldo kawdu kaldu kald fri:gidus freddo putridus putrido putred podri sordidus sordido
 sordido sordidu sordidu dire:ktus đŕwa dritto direjtu drət drə: drət drept rotundus redondo ritondo rəðōdu rīdōdu rədo

Appendix 4 - Words containing each segment

rætund nitidus neted u:midus umido umid umed u:dus ud adpropre dekstrum djestro destro destru dēstru destrā djestri wiridem berde verde verdi verde duos dō dos dojs dojf dos dō: doj doj duaj due dowā duas duēs duēf kʷid kʷando: kwando kwādu kwēdu kwand kind kʷo:modo ad deintus dā dins kʷod

e 0065

0

ego: ew ew jew usted vose vōse voste embra femmina femēv femjv fembra femeje mulierem muxer μολλε muλεx muλεr muλε mujere dōne hominem ombre infāntem infānte fante nenēj nenēj nen epuz esposa mulier mulier μολλε muλεx muλεr muλε mujere epu esposo matrem mēx mādre mā:dre mēx patrē pa:dre nema:l nāmaje piskem peθ peffe pef pešte awem abe awikellum useλ passerem passero pasāre kanem kane kijne peduklus pedoli pōdukje serpentem sekrpā serpjente serpente sekrpēfi sārpen farpe wermem vēx berme verme vēmī vermi vjerme arborem albero arbore selba selva selba selve se:men seme sementis simjente semente semēfi sāmen sementfe fwee fōaje frondea ra:di:kem ra:di:ke radi:fe kortikem kortiife kortikea korteθa kortetfa skortea ekōxs skwartse flo:rem fjo:re floare herba jerba ēxv ērbā jarbe gra:men fu:nem fune funje restem kēsti kotenna pellem pjel pelle peli peλ pjele karnem karne karne karne wi:wenda bibjenda sangʷinem sangre sangwe sinđe weso adepem adipe gref webō kwerno penna pepa penna penē penē pen pene pelo pelo pelu kabejo kapello kabelu kēβelu kaβeθa kavetssa kabesē kēβesē testa testā teste orexa orekkja oreλv orele ureke ne ne nariife gōle dentem djente dente dinte ungje pedem pje pje pje:de piez jambe perna pjerna petiolus peθiolo genikulum zueλu dženoli dženunkʷ el el ale wentrem bjentre bentrā vintre pantikem pantse pinteffe intera:nea entrāna kwejo dwes epol espalda spate seno seno sen pektus pefo pjept kwōre anime fegato fedzā so:lem sole sōare soreli lune etwal estreja stella istrelv ištrelv stēle age ploje plōaje flu:men fjume vjvjev mare mare mēx mare sa:lem sale se sare petra pjex pjēdra pedrē pedrā pjē:re lapidem laude lapide arena ārenā pulwerem polvere pulbere terra tēx tjera tēx tjere nube nube ka:li:ginem kalidzine nebula njebla nebbja newlā negurā tene:braj tē:nebre tene:bra:s tenebēx tinjeblas tē:nebre tēnebrās fyne fumate θjelo tfer wentum bjento ben niwem njebe neve new gelu: jelo dzer glatfe fwego kinerem tferene θeniθa tferufo estrada montem monte monta:nea montaje noctem noife notte nōapte zuōne dōrnade no:men no:me nume no:minem nombre lēngwa bibere beber bere bebēx biβer bevi komedere komer kome kumer manduka:re mōze mandzare morde:re mōdēr mōrdere mōrdēx mōrdēr morsika:re morsikare murseka su:gere syse suđe konspuere kōspyte eskupir sputere esputar sputare womere vōmere vōame suffla:re sufle soffjare sufle respi:ra:re respirar respirare vspirar respira: ri:de:re reir ri:dere ride wide:re ber vedere vēx ver vedēa aud:re udire ski:re sapere saber sapere sabēx sēber kogno:skere konōθer konōffere kōpesex kupiser kunqaste kōgita:re kuide kodzitare kudzeta pensā:re pōse pensar pensare pēse penjsa: senti:re sentir sentire olē:re oler olire odorā:re odorare fra:gra:re flēx fragrare time:re temer temere temēx timer temā temi teme tremere tremere tremare tremēx trimer dormi:re dormire wi:were vivere vivev viver morire mōvex muxer neka:re nwaje neka anegar annegare tje tuwe makta:re mate okki:dere uttjidere uttjide pugna:re puṇjare battuere battere batev bēter bate bate kaptia:re fase kattfare pulsa:re puse pulsare seka:re sje segar segare segāx sea: kurtā:re ekskurta:re ekūte skortare talia:re taje taλλa:re di:widere dividere divide skindere sēde findere findere ender fēdere fēdēx fēder parti:re partire se:para:re sāvē separar separare separāx separa: separa pungere punzere punzē jugula:re zygye jugula:re ra:dere raer radere vāex vāer rade vāze rasare fodere kawa:re fōve kavare ekskawa:re eskabar skavare nata:re nwtare naviga:re nāze nabegar navigare wola:re vole volare vōle zvola

re fōmine kamminare tfinime māvse mergere mērdzere mērdzē ambita:re andare weni:re benir venire veni ekstendere etādēx ekstender estendere istēdēx ištēdēr āstendrā ekstinde jake:re zezix jaθer dztatfe:re zēzēx zēzer dzere jesi sede:re ser sedere sēx ser fedzā sedenta:re sentar senta: sta:re estar stare leva:re lāve jēbar levare levāx lāve leva: altiā:re ose altsare torna:re tuōne tornare tu:rne gyra:re zivē dzirare vixē virare vixē torkʷe:re torθer tōrtjere turser turser tōartfe kadere kaer kadere tjjade tōbe tume dare dare dona:re dōne donare dine tene:re tener tenere tēx ter tsine segurar eksprimere epēdēx ekspremir sprēmere isprēmēx isprāmer āspremā esprimi skreme serrere serar seṅa serare seṅe θerar serrare sere appetora:re apretar stringere etvēdēx estrepir strindzere stringe strindzē frika:re fūēje fregar fregare frea freka frikta:re fūote frettare fūote laware lave lavare lave tergere tērdzere ekstergere estarsir fterdzē eksu:ka:re esqije enxugar affugare suwe limpida:re tira:re tivē tirare tire pulsa:re puse pulsare trahere trarre traze trēzer tradzē impingere impindzere impindzē jakta:re zōte eṭfar dztettare dztē lanke:re lāse lanfjare e:runka:re arronfjare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kutjire kuzer kuzer cōase komputa:re kōte kontare kōte e:numera:re enumēv enumerar enumerare enumerar enumerar enumera numera:re nōbēx noverare numera numera: dikere deθir dire dizer dizer zifē ekspo:nere sporre spūne kanta:re fūte kantare tjjāte lu:dere jōka:re zve dōkare dzuwe flu:ktuare flykttje fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare kōle ekskurrere eskurir skorrere iskoṅvex ijkurer skurdzē kurrere korer korrere kōvex kuṅer kurdzē gela:re zōle elar dželare džale glakia:re glase gjatfjare inglakia:re ingetsa aūgmenta:re ogmōte aūmentar aūmentare aūgmentar aūgmentar aūgmenta infla:re āfle enfiare ēfle enfla: konfla:re gōfle gonfjare gōfle intume:skere entumeθer itumeser itumeser kre:skere kreθer kreffere kreseṅ krijsēr krefzā krefte bōyle bruffare bōu:le krema:re kvāme kemar kremare kējmare kējmāve flamma:re flame fjammarē arde:re arder ardere aṅdēx vrdēr arde flagra:re flagvē flagrare inkendere ēsādje enθender intfēndjare isēndzjar ānsendrā intfēndze ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espo spesso ispesu grabe grēve grew grew lērdo lērdo lērdo pekepo pekenu pikenu brewis brebe brew bṛef etvwa estrefjo stretto menudo delyādo delikato dewgadu subti:lem sottile subtsire freddo rekentem reθjente retfente vēsēfi vēsēfi

Appendix 4 - Words containing each segment

retsint retʃe ʎeno nweβo wetulus bjexo veʎu veʎ vjei vekʲ bweno putred putrem poðre drept redondo ʁedõdu hebetem ebete retu:sus retuzo sua:wem soave netto neted umed seko sekko seku seku sek korretto proizme adpropre aprõape pressus p̃re beθino vefʃin θerka dekstrum djestro destr̃a djestri sinjestro sinistro sijestri vermikulus bermexo vermĩʎo ṽermeʎu rubeus rubeo rubeo ruðʒe wiridem ṽer berde verde verdi verdi verde galben amarellus krokeus krofʃeo due tres tre tres tref kʷi:nkʷe ʃɲɪkw̥e ekkumhi:k kʷem kjen ʃɲine ke ke ʃe ʃe kome ʃfemu:t nek ne en deintus avek et e e e e ke ke ke

f 0066 24
fe:mina fam femmina femev femje fembra foem femine femeje infantem ðfã infante fante ifēʃi ifēti efã fru:ktus f̃uʁi fruto frutto frute frute frujt f̃rɥ frut frukt folia f̃œʒ f̃oʎʎa foʎe foʎe fuʎa f̃ɔʒ fwee f̃ɔaje frondea frondza frõse frõse frunza flo:rem fl̃œʒ flor f̃jo:re floʒ flor fl̃o fl̃œʒ flo:r fl̃ɔare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato figeðu fiyeðu fedʒa f̃o:t fija:t fikat flu:men f̃jume flumi flumi flum fu:ma:ta fyme fumata fuma:ta fumas̃e fumas̃e fumate ni:f ne:f fu:mus fumo fumu fumu fum fum fum fokum f̃o fwego fw̃oko fogu foʁu f̃ok f̃o fu:k fok suffla:re sufle soffjare sufle soflla: sufla fra:gra:re fl̃œʒe fragrare fl̃ajra findere f̃ãðʒ f̃end̃ere f̃ed̃eʒ f̃eder f̃endr̃a f̃et fodere fw̃iʒ frika:re f̃r̃eʒe fregar fregare fr̃aga froj frea freka iffriyar iffriyar frikta:re f̃xote frotar frettare f̃xote frisar fr̃asa flu:ktua:re flyktʒe flugtwar fluttuare flutuak flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flw̃iʒ flwir flui infla:re ðfle enfiare imfla eʃle enfla: umfla konfla:re g̃õfle gonfjare g̃õfle zgloŋfa: flamma:re flame f̃jammare flama flama: flagra:re flag̃e flagrar flagrare flag̃aʒ flagrar g̃xijef b̃æf b̃æf fri:gidus f̃r̃wa frio freddo friu friu fret f̃r̃we fret pu:f

h 0068 40
hominem homo: p̃eh̃o u:he: herba hare:na kiñh h̃o:si: trahere hebetem ekkumhi:k abhoc

i 0069 7
io noi vo:i fe:mina femmina femine mulierem domina hominem infantem infante ifēʃi nijo nino ispoza mulier mari mariðo marito maridu meriðu marit m̃arit ispozu sokius mari pari animalia alimapa be:stia biffa biʃe biʃe bis piskem pejʃi avi awikellum pid̃akkjo pioʎu pioʎu pedoli sek̃p̃ēʃi sarpint ṽer̃mi aʒvori silwa f̃uʁi sementis simjente semēʃi simēs grin folia raiθ ʁais ʁeʃ ʁadi ʁasin r̃ed̃əʃiña kortikem kortiʃe k̃œʃʃisi k̃œʃʃisi kortikea k̃œʃʃise kurtise rista ʁeʃʃi koðʒie kodie peli k̃aʒni bibjenda vivanda viṽeda viṽede sangʷinem s̃eʒi adipe pilus kapillus ʃvija kapitia o:rikla voli nariθ nariʃe naris nerif d̃eʃi dint dinte piez petiolus peθiolo pitt̃ɔlo pit̃ʃor genikulum inoxo d̃ziñokkjo d̃ziño d̃enoli vintri vintre pantikem intera:nea iʃpadw̃e iʃpadw̃e sinus si pi pit anima anime inim̃a iyaðo figeðu fiyeðu fija:t fikat solikulus soreli istrel̃e pluwia pl̃uʁi flumi rio rio ʁiw ʁiu riw ripa:ria ʁiṽj̃eʒ rivi:ʒ lapidem lapide arina nu:bilus kaili:ginem kalina kalid̃zine kaliz̃eʒ k̃el̃iz̃eʒ tinjebłas kajkia 'vint niwem nevi kinerem θeniθa ʃɲinize wia bia via vie vie bĩa istrade iʃtrade kamino kammino kem̃j̃nu k̃emi m̃oʃi ñuʁi nit die:s dia di die die dĩa di zi diurnum diurna:ta nomi no:minem lingʷa lingwa limb̃a bibere bevi mwardi morsikare morsikare kusp̃iʒ kufpir eskupir askupi vom̃iʒ vo:mi respirar respirare ʁespirar ʁispirar ʁaspira ʁespira: ʁiʒ reir ʁiʒ ʁir riwr̃a ridi wide:re vjodi w̃iʒ oir udire owṽiʒ owvir ui auzi ʃti kiñh koʁosi ko:gi:ta:re k̃uʁide kwidar koðʒitare kuzitaʒ kuzitar s̃at̃iʒ sentir sentire s̃eʃʃiʒ s̃etir s̃enti s̃eti sinti: simtsi olire time:re temi trima: d̃œmiʒ dormir dormire d̃œmiʒ durmir durmi dw̃aʒmi dormi viṽe bibir vivere viveʒ viver biwr̃a vivi via muʁiʒ morir morire muri m̃ori muri tu:ta:ri œksiʒ utʃid̃ere uksi utʃide batir bati kaptia:re ta:lia:re di:widere dibidir dividere d̃zivid̃z̃iʒ diviðir dibidi dividi divide skindere findere findere past̃iʒ partir partire paʃʃiʒ p̃ertir p̃erti p̃o:rti p̃uʒiʒ p̃uʒir pupi fw̃iʒ iʃk̃eʒaʒ iʃk̃eʒaʒ naviga:re navigare naviga: naviga f̃emine kaminar kamminare kem̃j̃naʒ kem̃j̃nar k̃emina ʃɲimine camina: ambita:re ṽeniʒ benir venire viʒ vir b̃eni vini ṽipi: veni ist̃edeʒ iʃt̃eder ekstinde zeziʒ jesi altia:re ziʒe xiraʒ d̃zirare ziraʒ ziraʒ zira d̃zira: viʒe biraʒ virare virar ziraʒ bira viʒe d̃zira: keir keir dine t̃eniʒ t̃eni tini tinji tsine esprimere ekspremir iʃp̃r̃æm̃eʒ iʃp̃r̃æmer esprimi stringere estrep̃ir strind̃z̃ere aʃtr̃iz̃ir aʃtr̃iz̃ir stringe frika:re frikta:re frisar estarsir aʃt̃ær̃zi esuʒje limpida:re limpjar tira:re tiʒe tirar tirare ʃira tirar tira tire tira: impingere impind̃z̃ere impind̃z̃e xita liga:re lie ʎiya kuʃire kuzi kuzi diʒ deθir dire dizer dizer di ziʃe ludir fluita:re fluitare fluir fluire flw̃iʒ flwir flui eskurir iʃkoʒeʒ iʃk̃uʒer kuʁiʒ k̃ori kori glakia:re inglakia:re infla:re inʃar enfiare imfla intume:skere inkend̃ere int̃end̃jare int̃ind̃z̃e op̃pi altri alius gr̃eðʒi spissus ispesu iʃpesu grawis g̃xijef gravi gravi pittitus p̃ati p̃etit piti 'pittinus pit̃ʃino putsin pitulus pikkolo pit̃ʃul brewis brevi striktus istrejtu minu:tus minuto miudu miuðu minu minu:t de:lika:tus delikato d̃elikat sutil sottile suʃiw suʃiw suptil su:ti subtsire kalidus fri:gidus frio friu friu ʁes̃eʃʃi ʁes̃eʃʃi retsint plin vjei putridus poðriðo putrido puðrit podri sordidus sordido sordido sordidu ispurku iʃpurku dritto d̃zirejtu direjtu ritondo nitidus niðio umidus umido umid sikkus proksimus proximo pr̃ossimu prosimu proizme prosim beθino viʃʃino viz̃j̃nu viz̃j̃nu bæi viʒ̃e viʃʃin vefʃin kirka djestri sinistrum sinjestro sinistro sijestri vermikulus vermĩʎo wiridem galbinus amarijo kwatri θinko ʃɲɪkw̥e siɲk ʃɲɪk ʃɲɪʃ isi aki kwi aki eki aki illa:k ibi: vi ai ai ei kʷis ki ki ki kwi ʃɲine kʷid ki ni ni ni in in deintus dins i i i i si si si si si si si fi ki

Appendix 4 - Words containing each segment

j 006A 12
jo jew nojs vɔjs femjɛ femeje mujere mujere omaj nɔmaje utʃjel ʃjɛ pjoxo pidɔkkjo pju pɔdukje serpjente sjɛrɔpɛ vjɛr vjɛr vjɛrme frujt simjente fɔɛj fɔj fɔaje fjo:re jɛp jarbe jarbɔ funje pjel pja pjel pjele vjɔd bibjenda pjuma ʃʃivja orekkja œj ɔkkjo u:j gɔɔj djente ungja ungje pje pje pjɛ:de pjerna pitʃʃor ɟinɔkkjo bjentre ɔtɔaj pjept fija:t jubja pjodɟa ploje plɔaje fjume ɔivjɛr pjɛr pjɛdra pje:tra pje:re pjatrɔ so:vjɔ sabbja tjera tjere njɔly njebla nebbja tinjeblas sjɛl ʃjelo bjento njebe gjatʃja djurno skuja soʃʃjare vjodi kujda flɔjra sje taje teji: taja: taja jugula:re jugula:re jake:re jesi ʃʃjade tinji esɔije suja: limpjar jakta:re lɔji: jɔka:re ɟuja: gjatʃjare gonʃjare ʃjammare ɛsɔdʃje inʃʃendjare isɛdjar majjo:rem ampjo gɔijɛf reʃjente pjɛ:no vjɔ bjexo vɛkkjo vjei djestro djestri sinjestro rubjo rɔbbjo kjen

k 006B 51
sokius piskem awikellum kanem kan kane kɛw̃ kɛw̃ ka kijne peduklus pidɔkkjo pɔdukje fru:ktus frukt ra:di:kem ra:di:ke ra:di:ki:na kortikem kortiʃe kɔrʃʃisi kɔrtisi kortikea korteθa kortetʃa kɔrʃʃise kurtise skortea ekɔs skɔrtsa ɔskɔrsɔ skwas skwartse skɔartsɔ kwan kotenna kodʃie kodie konnɔ karnem karne karni karni karn karne saŋk kɔɔɟ kornu: kɔrn kwerno kɔrno kɔrnu kornu kɔrn kwɛn kwa:r korn kaɟda kɔ kola koda kawdɛ kawdɛ kua kɔw kɔdɛ kapillus kabejo kapello kabelu kɛʃɛlu kɛbɛl kapitia kɛʃeθa kavetssa kabesɛ kɛʃesɛ kap kap o:rikla orekkja ureke okulus ɔkkjo bukka boka bokka bokɛ bokɛ bokɔ bok bukɔ kambɔ pɛkol genikulum ɟinɔkkjo pantikem kollum ku kwejo kollo kɔlu kɔlu kɔl kwɛl pektus kor kɔɛ kwɔre kɔɛ kor kor ku:ɛ ku:r fika:tum fikat solikulus akkwa lakum lak ʃak lak lak saksum ka:li:ginem kalina kalidʃine kalizɛj kɛlizɛj kajkia kajlum fokum fwɔko fɔk fu:k fok kinerem kammi:num kamino kammino kamjnu kemjnu kɔmi komedere komer kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka konspuere kɔspye kuspiɔ kuspɔr eskupɔr ɔskupi skuja ski:re kogno:skere kɔnɛtɔ konɔθer konɔffere kɔnesɛ kupiser kunɛʃɔ kinɔh kɔposi kunɔaʃte kɔ:gita:re kɔide kwidar kodʃitare kuzitaɛ kuzitar kujda kudʃeta kɛdɛ neka:re neka makta:re okki:dere ɔksɔr uksi kaptia:re kaθar kattjare kasɔ kɛsar kɔsa seka:re kurta:re kortar kɔtar kurtar ekskurta:re ekurte skortare skurta: skurta skindere raskar ɔaʃkaɛ ɔʃkar rɔska kosaɟ kusar kawa:re kabar kavare kɛvaɛ kɛvar kɔba ekskawa:re eskabar skavare iʃkɛvaɛ iʃkɛvar kaminar kamminare kemjɔaɛ kemjɔar kɔmina ekstendere ekstender ekstinde jake:re kadere kaer kadere kɛir kɛir kawrɔ kadɛa eksprimere ekspremir skreme appekto:re frika:re freka frikta:re ekstergere eksu:ka:re uska jakta:re lanke:re e:runka:re arankar aruŋka kɔ:nsuere kudɛ koser kufire kuzer kuzer kuzi kɔz kuzi komputa:re kɔte kontar kontare kɔtar kɔtar kumta kɔte konta: di:kere ekspɔ:nere kanta:re kantar kantare kɛtar kɛtar kanta kinta jɔka:re ɟokare zuka flu:ktua:re flyktɟe fluktua kɔ:lare kule kolar kolare koaɛ kuar kuɔa kɔle ekskurrere eskurir skorrere iʃkɔvɛ iʃkureɛ ɔskorɔ skori: skurdʃe kurrere kuviɔ korer korre kɔvɛ kuber korɔ kɔri kori kurɟe glakia:re inglakia:re konfla:re intume:skere kre:skere kɔwatɔ kreθer kreʃʃere kresɛ kɔiʃser kɛʃɔ kreʃte krema:re krɛme kemar kremare kejmare kejmɔre krɔma inkendere okɔɛ alkuno paɟkus poko pɔko powku powku pɔk pɔ:k lunk ʃark lark krassus pekeɟo pekenu pikenu pikkolo kurtus kuɛ korto korto kuɛtu kurtu kurt ku:ɛ kurt striktus de:lika:tus delikato dolikat kalidus kaldo kaldo kawdu kaldu kaɔ kald rekentem vɛkkjo sporko ispurku ifpurku spɔrk spurk di:re:ktus aku:tus sikkus sek seko sekko seku seku sek sek sek korre:ktus korretto proksimus wi:ki:nus kirka θerka dekstrum vermikulus krokeus krotʃeo grɔk katɔ kwatro kwattro kwatru kwatru kwatrɔ kwat kwatri sɛk θinko ʃʃiŋkwe siku siku siŋk sɛk 'ʃiŋk ekkumhi:k aki kwi aki ɛki aki illa:k ki ki ki ki: kwi kjen kɛj kɛj kwa ke ke ki ki kɛ kwe: kɔ kwando kwando kwɛdu kwɛdu kwan kwand kwant kind kɔmɔ komo kome komu komu kɔm kɔmɛ kum nek kum kon kon kɔ kɔ ku avek sik kɔ ke ke ki kɔ ki: ke kɔ

l 006C 32
mulierem mulier animalia alimaja nema:l awikellum utʃfello utʃjel peduklus pedoli aɔʃol albero arbul silwa selba selva selba selve pa:lus pal palo palo pal pa:l folia ɔrel flo:rem floɛɛ flor floɛ flor flɔ flo:ɛ flo:r floare pellem pjel pelle peli peli pjel pjele kola plu:ma plym pluma plomɔ plɔm plume pilus pwal pelo pelo pelu pilu pel pe:l kapillus kapello kabelu kɛʃɛlu o:rikla orele okulus voli gula gɔɛl gola gola golɔ gole ungula ɔgl ɔŋgule petiolus peθiolo pitʃɔlo pɛkol genikulum ɟenoli a:la el ala ala alɔ el ale kollum kollo kɔlu kɔlu kwɛl spatula epol espalda spalla spal spale alma alma alme so:lem sol sole sɔl sɔlɔ solikulus sɔlɛj soreli lu:na lyn luna luna lue lue lɔn lune lunɔ ste:lla etwal stella istrele iʃtrele ɔstel stɔ:l stele pluwia plɟi pluɟɔ plu:ɛ ploje plɔaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak la:t lak sa:lem sel sal sale sal sal sa:l lapidem laude lapide sabulum sabl savalɔn sabula pulwerem polvere polvar pulbere pulwus polbo pols nu:bilus nublo nuvola nublado nublado nu:l ka:li:ginem kalina kalidʃine kalizɛj kɛlizɛj nebula njɔly njebla newlɔ tinjeblas kajlum sjɛl ʃjelo ʃjelo sɛl ʃʃi:l gelu: zel jelo ɟɛlo glas gles glatʃe lingʷa lɔg lengwa lingwa ligwe ligwe lɛy 'lengɛ limbɔ suffla:re sufle sufle soʃla: sufla uldi: ole:re oler olire ulura flɛɛ flɔjra pulsa:re pulsare pulsa: pulsa ta:lia:re jugula:re zygye jugula:re wola:re vole bolar volare bula vɔle zvolare zvola: leva:re lɔve levare levɔr livar lɔve leva: lua altia:re alθar altsare ɔlsa altʃa: lawa:re lave laʃar lavare levar levar lave lava: la limpida:re limpjar lipar lipar pulsa:re pulsare pulsa: pulsa lanke:re lɔse lanθar lanʃare lɛsa lɛsar lanci: lanʃa: liga:re lie legar legare lɔji: lea: lega lu:dere ludir flu:ktua:re flyktɟe flugtwar fluttuare flutuɔɛ flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwɔr

Appendix 4 - Words containing each segment

flwir flui ko:la:re kule kolar kolare kōle gela:re zōle elar dēlare zilar zilar zōla dēale glakia:re glase glōsa glafja: inglakia:re infla:re dīfle imfla ēfle enfla: umfla konfla:re gōfle gōfle zgloŋfa: bŷyle bŷu:le flamma:re flame flama: flagra:re flagŷe flagrar flagrare flagŷar flagrar ustula:re ustolare multus molto mol molc mult alguno alkuno əlgu alter altro altrə altri alt alius longus lō longo lungo lōgu lōgu lō lunk lung largus ləŷ ləŷo ləŷo largo ləŷgu largu lark larg lat:us le lato lato latu latu lat amplus āpl amplə lurdus lūŷ lerdo lordo lerdo lerdo pitulus pikkolo piŷful de:lika:tus delyađo delikato dālikat subti:lem sutil sottile suptil suti:l kalidus kaldo kaldo kaldu calt kald ple:nus plē plē plē plin plin wetulus malus mal malo malo mal ma:l lwētē lontano lontan vermikulus galbinus galben amarellus əmarelu əməŷelu albus albo albo alvu alb alb illa:k la la la la la la

m

006D

26

fe:mina fam embra femmina femēv femjē fembra fōem fēmine femeje mulierem muxer mołłe mułeŷ mułer mułe mui:r mujere domina dam dēm dōamnə hominem ɔm ombre omēj ɔmēj ɔmə ɔm ɔm om homo: wəmo infantem mulier muxer mołłe mułeŷ mułer mułe mui:r mujere mari:tus maxi mariđo marito maridu mēriđu marit mari:t mērit ma:trem mēŷ madre madre mēj mēj marə mer mari animalia omaj alimaja nema:l nəmajə piskem awem awikellum passerem kanem serpentem wermem berme verme vēŷmi vermi vērm vjerme arborem se:men seme sementis sēmđs simjente semente semēŷi simēti səmen simēs semenŷe səminŷə gra:num ra:di:kem kortikem flo:rem gra:men gŷamen grama grēmē grēmē gram fu:nem restem pellem karnem sang*inem ossum adepem o:wum plu:ma plym pluma pjuma plomə plōm plume dentem pedem gamba gamba gamba kambə jambe gambə gambə genikulum manum mē mano ma:no mēw mēw mē maŷ minə wentrem pantikem kollum dorsum anima ɔm alma alma awmē almē ɔ:m anime inimə fi:ka:tum so:lem flu:men fjume flumi flumi flum lakum mare mēŷ mar mare maŷ mar mar mēŷ ma:r mare sa:lem saksum lapidem sabulum pulwerem kali:ginem fu:ma:ta fyme fumata fuma:ta fumase fumase fumate kajlum wentum niwem fu:mus umo fumo fumu fumu fum fum fukum kinerem kammi:num ŷəmē kamino kammino kamjnu kēmjnu kēmi montem mō monte monte mōŷŷi mōti mun mōnt munte monta:nea mōtaŷ montaja montajna mōtēŷ mōtēŷ muntajə mōtaŷ montajə noctem diurnum annum no:men no:me nomi nomi nōm nume no:minem nombre limbə komedere komer kome kumer manduka:re mōŷe mandukar mandŷare mēŷəŷ mēŷar mēŷa maŷi maŷja: minka morde:re moŷdŷ moŷdŷ mōrdere moŷdŷ murđer mwardi morsika:re moskar morsikare musəga musəgar musəŷa murseka womere vomix vōmere vō:mi vōame simtsi time:re temer temere temēŷ timer temə temi teme tremere tremere tremare tremēŷ trimer trima: dormi:re dōmīŷ dormir dormire dōmīŷ durmir durmi dŷəŷmi durmi: dormi muŷix morir morire moŷeŷ muŷer muri mōri muri: muri maktə:re mate matar matar mētar mēta maŷja: ŷəmine kaminar kamminare kēmjnaŷ kēmjnar kəmina ŷimine camina: maŷŷe ma:ŷŷi: mergere mēdŷere mēdŷe ambita:re tumbat tumba tume eksprimere ekspremir spremere iŷprēmēŷ iŷprēmer əspremə esprimi skreme limpida:re limpjat impingere impindŷere əmpēŷə impindŷe komputa:re kumta e:numera:re enumeŷe enumerar enumerare enumerar enumerar numerə numerə:re numerə numera: numara augmenta:re ogmōte aŷmentar aŷmentare aŷmentar aŷmentar augmenta imfla umfla intume:skere entumeŷer itumeser itumeser krema:re kŷame kēmar kremare kējmare kējmaŷe krəma flamma:re flame fjammarē flama flama: omne:s multus mu muŷŷo molto mūjtu mūjtu mol molc mult magnus maŷo maŷo grandem majjo:rem mare amplus ampjo amplə strimt minu:tus mōny menudo minuto miudu miuđu mənūt minu minut mərunt subti:lem rekentem malus mal malo malo maw maw mal mō: ma:l putrem hebetem sua:wem u:midus umido umid umed proksimus proximo prōssimo prosimu prosimu proizme prosim dekstrum sinistrum vermikulus vēŷmēŷ bermexo vermiłło vēŷmēlu virmējlu bərmeł wiridem amarellus amarijo əmarelu əməŷelu u:num ekkumhi:k k*em k*o:modo kōmā komo kome komu komu kōm kōmē ŷfemu:t kum kum

n

006E

13

no:s nu nos noi:njŷ nōŷ no no: noj fe:mina femmina fēmine domina dōnna done done dōnə done dōamnə hominem infantem infante fante niŷo nino nenēj nenēj nen sponsa sponsus animalia nema:l nəmajə kanem kan kane can kijne serpentem serpjente serpente sərpen sarpiŷt se:men sementis simjente semente səmen semenŷe səminŷə gra:num gŷen grano grano grin gran frondea frōŷa frunŷə ra:di:ki:na ɤasin ɤesen ɤədəŷŷinə gra:men gŷamen fu:nem fune funje kwan kotenna konnə karnem karne karne kaŷni karni karn karne wi:wenda bibjenda vivanda sang*inem sangwe sindŷe kornu: kōŷn kŷerno kōrno kōŷnu kornu kōrn kwen korn penna pen penna penē penē pen penē panə na:sus ne naso na:so nas ne na:s nas nariθ nariŷe naris nēriŷ na:ri:s dentem djente dēnte dint dinte ungula ungja ungje perna pjerna perno pēŷŷe pēŷŷe pēŷŷe genikulum zənu inoxo dŷinōkkjo zənoł dŷino dŷenoli dŷenunk' manum mano ma:no minə wentrem bjentre bētrə vintri vintre pantikem panθa panŷa pantse pintēŷe intera:nea entrajə əntrajə sinus seno seno sen san anima anime inimə lu:na lyn luna luna lūnə lōn lune lunə flu:men hare:nə arena ərenə arinə savaln nu:be:s ny nube nube nuŷēj nuŷēj nu:bilus nublo nuvola nublada nublada nuŷuŷ nu:l nor kali:ginem kalina kalidŷine nebula njōly njebla nebbja neŷŷe neŷŷe newlə negurə tene:braj tene:bra:s tenebŷ tinjeblas tē:nebre tēnebrəs wentum bjento vento ben 'vint vint niwem njebe neve neŷi neŷi new nif ne:f ŷe kinerem ŷfenerē sendrə θeniθa ŷfinize ŷfenuŷə kammi:num kamino kammino montem monte monte mun mōnt munte monta:nea montaja montajna muntajə mōntajə noctem nŷi noŷŷe nōtte nojti nojti nit nyt nōapte diurnum djurno dŷorno zorn zōŷna zōŷna diurna:ta zŷŷne xornada dŷornata dŷornade

Appendix 4 - Words containing each segment

annum anno enu enu an no:men nō no:me nomi nomi nōm nō nōj nume no:minem nombre ling^wa lingwa 'lenge manduka:re mandukar mandžare minka konspuere kogno:skere konetx konoθer konoffere kunefə kinəh kunəafte pē:nsa:re pensar pensare pənsa senti:re sentir sentire sēnti sinti: neka:re nwaje nəga neka anegar annegare pugna:re skindere findere findere ender fendere fendrə pungere pundžere pundže nata:re nadar nwotare nadax nəðar nəda nada: naviga:re naze nabegar navigare naviyax nəviyar nəbəga nədži: naviga: naviga fəmine kaminar kamminare kəmina fimine camina: andar andare weni:re vənix benir venire bəni vini veni ekstendere ekstender estendere əstendrə ekstinde sedenta:re sentar senta: torna:re tūne tornar tornare toxnax turnar turna tu:rne torna: turna dona:re dōne donar donare duna dine dona: tene:re tənix tener tenere tēni tini tinji tsine stringere strindžere stringe strengi: strindže enxugar impingere impindžere impindže lankea:re lanθar lanfjare lənsa lanci: lanfja: e:runka:re arankar arronfjare ko:nsuere kontar kontare konta: e:numera:re enumexē enumerar enumerare enumerar enumerar enumera:re nōbxe noverare numera:re numara ekspo:ne:re spune kanta:re kantar kantare kənta canta: kinta inglakia:re ingetsa aųgmenta:re aųmentar aųmentare aųgmentar aųgmentar augmenta infla:re infjar enfiare enfla: konfla:re gonfjare intume:skere entumeθer inkendere enθender infjendjare isendžiar ənsendrə infjindže omne:s tantus tanto tanto tant tanc alguno alkuno magnus grandem grande grande gran grant longus longo lungo lunk lung antjo 'pittinus pitfino pekenu pikenu putsin angustus angosto angusto minu:tus mənny menudo minuto mənūt minu minu:t mərunt rektēm reθjente refjente retsint ple:nus ləno pjəno plen plin nowus nuvo nweβo nɔvo novu novu nɔw nɔve now bonus bweno bwɔ:no bɔn bɔn bun rotundus redondo ritondo tarənt rətund nitidus net niðio netto nədžu nədžu net net net

ed wiki:nus beθino vitfino vitfin veltano lunta lontan sinistrum sənəstx sinjestro sinistro galbinus zon džen galben u:nun uno uno un unu k^w:ink^we θinko fjinf kjen fjine k^wando: kwando kwando kwan kwand kwant kind no:n nō no non nēw nēw no nō no nu nek ni ni ne nēj nēj ni nē in en in ən in deintus dins kon kon

O

006F

6

jo io jo nos no bos vof vos vose voste mołłe domina dona done done hominem ombre oměj om homo: wəmo nijo nino sponsa esposa ispoza ifpozə mołłe mariðo marito sponsus esposo spɔzo ispozu ifpozu sokius sɔfjo sots omaj wazo utfello paxaro passero pjoxo pidəkkjo piołū piołū poł pedoli arborem arβol albero ərvori arbore palo palo fruto frutto grano grano folia oxa fołe fołe frondea frondza kortikem kortiŋe kortikea korteθa kortettja koŋfise skortea ekoxs flor flox flor kotenna kođje kodje konnə po ossum weso ɔsso osu osu os webə wɔvo ovu ovu ow kornu: kwerno kɔrno kənnu kornu korn kola koda plomə pelo pelo kabəjo kapello oxej orexa orekkja orełe orejəle orele okulus oxo əkkjo ołū ołū voli ok^l naso na:so boka bokka boke boke bokə gola gola golə perno petiolus peθiolo pitfjolo pekol pitfjor inoxo dʒinəkkjo ʒənoł dženoli mano ma:no kollum kwejo kollo dorsum do dɔsso dos do epol seno seno pefjo petto kor kor iyaðo fegato sol sole solikulus soreli o pjodžə ploje rio rio lago lago sasso sorə polvere polbo pols nublo nuvola nor θjelo θjelo bjento vento jelo dʒelo umo fumo fokum fwego fwəko fogu foyu fok kamino kammino montem monte montane:nea montəna montəŋna noctem nofje djuerno dʒorno zorn xornada dʒornata dʒornade əno anno nomi nomi nombre komedere komer kome morde:re moxdx morðer moxdex morsika:re moskar morsikare konspuere womere vomix soffjare sofja: vjodi oir owvix owvir kogno:skere konoθer konoffere ko:nesəx ko:posi kođitare ole:re oler olire odo:ra:re odorare dormi:re dormir dormire doxmix dormi morir morire moxəx okki:dere kortar kortəx skortare kosał fodere nwotare wolə:re vole bolar volare voax zvolare zvola: ose torna:re tornar tornare toxnax torna: tork^w:ere torθer dona:re donar donare doa dona: appekto:re fɔte frotar fɔte arronfjare koser komputa:re kontar kontare konta: noverare sporre joka:re dʒokare zogax kolar kolare koax skorrere ifko:xe əskorə skori: korer korrere ko:xe korə kori ogmđte konfla:re gonfjare zglonfja: ustolare omne:s opri todo tutto todū todu tot tot mufo molto mol molc tanto tanto oko: alguno alkuno poko pəko powku powku otrə otro altro owtru owtru mapo mapno longus longo lungo loŋ laryo largo lato lato antjo ampjo graso grasso espeso spesso gordo grossus gɔo grɔsso grosu grosu gros lerdo lordo lerdo lerdo pekepo pitfino pikkolo korto korto angosto angusto estrefo stretto menudo minuto delyaðo delikato sottile fo kaldo kaldo frio freddo ləno pjəno nowus nuvo nweβo nɔvo novu novu now bjexo vekkjo bonus bweno bwɔ:no malo malo poðriðo putrido poðre poðri poðri sordidus sordido sɔrdido spərkə dritto rotundus redondo ritondo rədo ayuðo retuzo soave niðio netto umido seko sekko korre:ktus korretto proksimus proximo prəssimo prosimu prosimu proizme prosim adproppe presso beθino vitfino lontan lontan djestro destro sinjestro sinistro roxo rosso ɔofu ɔofu ros rofu bermexo vermíłlo rubjo rəbbjo rubeo rubeo zon amarijo krokeus krotfejo albo albo uno uno dos dos dowə k^wattwor kwatro kwattro θinko kwando kwando k^w:o:modo komo kome komu komu no non no no kon kon abhoc k^wod

p

0070

48

sponsa epuz esposa spɔza ispoza ifpozə əspɔzə sponsus epu esposo spɔzo ispozu ifpozu əspɔs spo:s patre pex padre pa:dre paj paj parə pə:ri piskem peθ pefje pejfi pejfi pef pəs pefte pwasə pehə passerem paxaro passero pasəru pasəru pasəre peduklus pu pjoxo pidəkkjo piołū piołū poł pju pedoli pədukje serpentem sɛrpə sɛrpjente serpente sɛrpəfji sirpəti sərpen sjərpə sarpint farpe pa:lus pal palo palo paw paw pal pa:l par jep pellem po pjel pelle peli peli peł pja pjel pjele adepem adipe plu:ma plym pluma pjuma plomə pləm plume penna pen peja penna penə penə peja

Appendix 4 - Words containing each segment

pen pene panā pilus pwal pelo pelo pelu pilu pel pe:l pār kapillus kapello kapitia kap kap pedem pje pje pje:de pē pē
 pew pi: pīt piez džāp perna pjerna perno pēnē pērnē pērnā petiolus pebiolo pittjolo pekol pitfjor pantikem pās pantha
 panfja pēsē pēsē panfjā pās pantse pintēfje spatula epol espalda spalla ispadwē ispadwē əspaʎʎə spal spalē spate pektus pi
 pefjo petto pejtu pejtu pit pēt pjept apə pluwia plūi pjodža plužə plu:ʁ ploje pləaje ri:pa:ria petra pjek pjeđra pje:tra
 pedrē peđrē peđrā pi:ʁ pje:re pjatrā lapidem lapide pulwerem pudʁ polvere pəlvar pulbere pulwus polbo pō pō pols
 nqapte konspuere kōspyē kuspīʁ kufpīʁ eskupīʁ əskupī skujpa sputere esputar sputare spuda: respi:ra:re respirar respirare
 ʁespirar ʁispirar ʁəspira respira: sapere sapere pēnsa:re pāse pensar pensare pēsax pēsar pēnsa pēsē pēnsa: pēsa pugna:re
 puɲar puɲare puɲa kaptia:re pulsa:re puse puxar pulsare puʃax puʃar pulsa: pulsa parti:re partīʁ partīʁ partire pakfjīʁ
 pərtīʁ pərtī pō:rtī parti: se:para:re separar separare separax sipərar səpəra separa: separa pungere pweđʁ punđere pūzīʁ
 pūzīʁ puɲi punđe eksprimere epweđʁ ekspremīʁ spremere isprəməʁ isprəməʁ əspremə esprimi appektora:re apretar epirtar
 epirtar limpida:re limpjar lipar lipar pulsa:re puse puxar pulsare puʃar puʃar pu:si: pulsa: pulsa impingere impingere
 əmpɛrəʁə impinđe apta:re komputa:re ekspō:nere sporre spune paɲkus pō pōko pōko powku powku pək pō pō:k amplus
 ʁpl ampjo amplə spissus epe espeso spesso ispesu ispesu əspes spē pittitus pəti pətit piti 'pittinus pekeɲo pittfino pekenu
 pikenu putsin pitulus pikkolo piʃul suptil ple:nus plē pje:no pte plē plen plin putridus pođriđo putrido puđrit putred
 putrem pođre pođri pođri spurcus spərko ispurku ispurku spərʁ spurk drept proksimus proximo prəssimo prosimu prosimu
 proizme prosim adpropre əpɾəp əpɾəpə pressus pɾe presso pɾe patru

R 0072

33

mulierem mui:r mujere mulier mui:r mujere mari:tus marito mari:t mərīt ma:trem ma:dre mari patre pa:dre pər pari
 passerem passero serpentem serpente sərpen sarpint wermem verme vjer vjerme arborem arbul arbore fruktus frutto frut
 frukt gra:num grano grin gran griw frondea frondəza ra:di:kem raiθ ərel ra:di:ke radi:ʃe ra:di:ki:na rəđəʃinə kortikem
 kortiʃe kortikea kortetfja skortea skōtsa əskōrsə skwartse flo:rem flo:r herba erba erbə jarbe gra:men restem rēsta karnem
 karne karn ca:r kornu: kōrno kōrn kwar: kōrn o:rikla orekkja orele ureke nariʃe na:ris perna perno pērnā pitfjor wentrem
 vintri vintre intera:nea dorsum kor kwəre kor kur soreli ri:wus rio rio riw riw ri:pa:ria rivi:ʁ mare mare mar ma:r mare
 sare petra pje:tra pje:re hare:na arinə sorə pulwerem polvere pəlvar pulbere terra tjera terra tərə tjere tsarə nor negurə
 tene:braj tēnebre tene:bra:s tēnebre đer kinerem ʃenere sendrə stra:ta strada diurnum đorno diurna:ta đornata đornade
 bibere komedere manduka:re morde:re mōrdere mwardi morsika:re morsikare musəgar murseka su:gere konspuere sputere
 womere vōmere suffla:re soffjare respi:ra:re respirar respirare ʁəspira respira: ri:de:re reir ri:dere riwra ridi wide:re aɟdi:re
 ski:re sapere sapere kogno:skere konoffere ko:gita:re kođitare pēnsa:re senti:re sentire olere olire odo:ra:re odorare
 fra:gra:re fragrare time:re temere tremere tremare trima: dormi:re dormire durmi durmi: dormi wi:were vivere morire muri:
 muri neka:re annegare tu:tari makta:re okki:dere pugna:re puɲare battuere battere kaptia:re katfjare pulsa:re pulsare
 sekare segare kurtare kurtare ekskurta:re skortare skurta: skurta ta:lia:re taʎʎa:re di:widere dividere skindere findere findere
 fendere parti:re partire pərti parti: se:para:re separare separa: separa pungere punđere jugula:re jugula:re ra:dere raer
 radere rawrə rada: rade rasar rasare rəza rasa: raskar rəska fodere kawa:re kavare ekskawa:re skavare nata:re naviga:re
 navigare wola:re mergere merđere merđe ambita:re andare weni:re ekstendere estendere jake:re đere sedere sedere
 sedentare stare stare leva:re levare altia:re altsare torna:re tornare turna tur:ne torna: turna gya:re đjirare đjira: virare
 đjira: torkw:re tərʃere turser turser tōrsə tqərʃe kadere kawrə dare dare dar dona:re donare tene:re eksprimere spremere
 isprəməʁ isprəməʁ esprimi skreme serrere serar səra serare θerar serrare appektora:re stringere strinđere əʃtrīzīʁ əʃtrīzīʁ
 stringe strēngi: strinđe frika:re fregare froj frea freka frikta:re frettare frisar lawa:re lavare tergere tərđere ekstergere
 əstərzi ʃterđe eksu:ka:re affugare limpida:re tira:re tirare tire tira: pulsa:re pulsare trahere trarre traj tradje impingere
 impinđere jakta:re đettare lankea:re lanfjare e:runka:re arankar arronfjare liga:re legare apta:re ko:nsuere kufjire komputa:re
 kontare e:numera:re enumerare numera:re noverare numera: numara di:kere dire ekspō:nere sporre kanta:re kantare lu:dere
 joka:re đokare flu:ktua:re fluttuare fluita:re fluitare fluere fluire ko:la:re kolare ekskurrere eskurīʁ skorrere əskorə skori:
 kurrere korer korrere korə kori gela:re đgelare glakia:re gjatfjare inglakia:re aɟmenta:re aɟmentare infla:re enfiare konfla:re
 gonfjare intume:skere kre:ske:re kreffere brufjare bruza: krema:re kremare krəma flamma:re fjammarde:re ardere flagra:re
 flagrare inkendere intfendjare ustula:re ustolare ustura alter altro altri grandem grande gran grant majjo:rem largus largo
 lark larg krassus grasso gras gras gurdus grossus grōsso grwəs gros grawis greve grav grevi lurdus lordo kurtus korto
 kurt brewis breve striktus stretto strət strimt mərunt subtsire fri:gidus freddo fre:t rekente
 m reθjente reʃente retsint reʃe putridus putrido putred putrem sordidus sōrdido spurcus spərko spərʁ spurk di:rektus
 dritto drō: drēt drept rotundus redondo ritondo rədo rō tarənt rətund retu:sus retuzo korre:ktus korretto proksimus
 prəssimo prosim adpropre əpɾəpə pressus presso pɾe kirka dekstrum dēstro djestri sinistrum sinistro sijestri russus roxo
 rosso ros rəs vermikulus vermīʎʎo bərmeʎ rubeus rubjo rəbbjo rubeo rubeo ruđe rəʃ rojb wiridem verde vert amarellus
 krokeus krofjeo tre:s tre tres trō: 'tre: trej kwattwor kwattro kwatri patru

S 0073

14

nos nos nōjs wo:s bos vōjs bus vos usted vose vōse voste sponsa esposa spoza ispoza əspōzə mari:tus sponsus esposo

Appendix 4 - Words containing each segment

spozo ispozu aspōs spo:s sokius sōfō sots be:stia bis piskem pēs pwasō useł passerem passero pasēru pasēru pasēre peduklus serpentem sēpā serpjente serpente sēpēfi sirpēti sārpen sjeḡpē sarpint silwa selba selva sēwva sēlve selba sēlve pa:lus fru:ktus se:men seme sementis sēmās simjente semente semēfi simēti sēmen simēs sementfe sēminfē frōse frōse kais kasin kēsen kōḡfisi kōrtisi kōḡfise kurtise skortea ekōs skōrtsa āskōrsā skwas skwartse skōartsā restem rista resta sangwīnem sā sangre sangwe sēgi sēgi saḡ sō:g saḡk sindge ossum os wesō osso osu osu os vwēs os gḡēs grasa pilus kapillus kavettsa kabese kēḡese testa testa testē testā fjes teste tēastā okulus na:sus naso na:so nas na:s nas naris na:ris petiolus pās pēsē pēsē pās dorsum dōsso dos dwes spatula espalda spalla āspałłā spal spale spate sinus sē seno seno seju seju si sen san pektus so:lem sol sole sōw sōł sōł sōare solikulus sōlej soreli ste:lla estreja stella istrele āstel stō:l stele stēa ri:wus sa:lem sel sal sale saw sal sal se sa:l sare saksum sasso sejfū sejfū sabulum sabl sajbḡru sajbḡru sorā so:vjō savalon sabula sabbja pulwus pols nu:be:s nu:bilus tene:bra:s tinjeblas tēves tēnebrās fumase fumase sjeł sēw sēw sēl si:ḡ glas glas gles fumus sādḡ sendrā sē:d sizēf sizēf stra:ta estrada strada istrade dies morsikare moskar morsikare musāga musāgar musāḡa murseka su:gere syse sugaḡ sugar sysi: suḡe konspuere kōspye kuspīx eskupir āskupi skujpa sputere esputar sputare spuda: suffla:re sufle soffjare sufle sofla: sufla respi:ra:re respirar respirare wspirar rēspira respira: ski:re sapere savwaḡ saber sapere sabēx sēber sāḡe savō:r save: kogno:skere kopeseḡ kupiser koposi pe:nsa:re pāse pensar pensare pēsāḡ pēsar pōnsa pēsē peḡsa: pōsa senti:re sātīx sentir sentire sēfjīx sētīr sānti sēti sinti: simtsi āksīx uksi fase kasāḡ kesar kēsa fjesi: pulsa:re puse pulsare pulsa: pulsa seka:re sje segar segare segaḡ siyar sāḡa sea: ekskurta:re skortare skurta: skurta skindere sēde se:para:re sōwke separar separare separaḡ sipērar sēpara separa: separa rasar rasare rasa: raskar rēska kosał kusar ekskawa:re eskabar skavare ekstendere ekstender estendere istēdeḡ āstendrā ekstinde jesi sedere swaḡ ser sedere sēx ser sedenta:re sentar sētar sētar senta: sta:re estar stare āsta es sta: sta ose ātsa ātsar ālsa hō:si: turser turser tōrsā segurar siguraḡ siḡurar eksprimere ekspremir spēmere āspremā esprimi skreme serrere serar sēra sōrar sōra serare sēke serrare siḡar siḡar sēre stringere estrepiḡ strindḡere āstreḡā stringe strengi: strindḡe frisa frāsa ekstergere estarsir āstārzi eksu:ka:re esqije suwe suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa lāse lēsa lēsar lōnsa kō:nsuere koser cōase ekspo:nere sporre spune ekskurrere eskurir skorrere āskorā skori: skurdḡe glase glōsa intume:skere itumeser itumeser kre:ske:re kreseḡ kriḡser ēsādje isēndḡar isēdjar ānsendrā ustula:re ustolare ustura omne:s to:tus multus tantus paḡkus alius magnus longus largus la:tus amplus krassus graso grasso gras gras spissus espeso spesso ispesu ifpesu āspes spē gurdus grossus grōsso grosu grosu grōs grwēs gros grawis lurdus pittitus 'pittinus pitulus kurtus brewis angustus angosto angusto ingust striktus estreḡo stretto istrejtū āstrejt stō:re stret strimt minu:tus delika:tus subtilis sutil sottile sufjiw sufjiw suptil su:ti suti:l subtsire kalidus fri:gidus kēsēfi kēsēfi ple:nus nowus wetulus bonus malus putridus sordidus sordido sōrdido

sōrdidu sōrdidu spurcus spērko ispurku spērk spurk di:re:ktus rotundus aku:tus retu:sus sua:wem soave suaw nitidus umidus u:dus sikkus sek seko sekko seku seku sek sefj sek sek korre:ktus proksimus prōssimo prosimu prosimu prosim pressus presso wi:ki:nus dekstrum djestro destro destrū destrā djestri sinistrum sōnestḡ sinjestro sinistro seftru seftru sipestri russus rosso ros rōs vermikulus rubeus galbinus amarellus krokeus albus duo:s dos dojs dos duas duēs tre:s tres tres tres sēk siku siku siḡk sēk isi k'is deintus dins si:k si si si si si si si si

t 0074

20

tu: ty tu tu tu tu ty tu tu usted voste infanтем infante fante ifēti mari:tus marito marit mari:t mōrit ma:trem patre tata tata tata tata tata be:stia pešte utifello serpentem serpjente serpente sirpēti sarpint fru:ktus fruto frutto frutē frutē frujt frut frukt sementis simjente semente simēti kortikem kortiḡe kōrtisi kortikea kortēḡa kurtise skortea restem rista resta rēfti kotenna kapitia kavettsa testa tet testa testē testā dentem djeḡte dentem dēnti dēnti dint dinte pit petiolus pittjōlo wentrem vātḡ bjentre bentrā vēt vintri vintre pantikem pintetfe intera:nea ātḡaj entrāḡa itḡeḡe ētḡeḡe āntrāḡa spatula spate pektus petto pejtū pejtū pit pet pjept fi:ka:tum fegato fō:t fijat fikāt ste:lla etwal estreja stella istrele iftrele āstel stō:l stele stēa la:t petra pje:tra pjatrā terra tēx tjera terra tēḡe tēḡe tērā tē:ḡ tjere tene:braj tē:nebre tene:bra:s tenebḡ tinjeblas tē:nebre tēves tēvef tēnebrās fu:ma:ta fumata fuma:ta fumate wentum bjento vento vētu vētu 'vint vint gjatfja stra:ta estrada strada istrade iftraḡe montem monte monte mōti mōnt munte monta:nea mōtap montāḡa montāḡa mōtḡeḡe mōtḡeḡe muntāḡa mōtap mōntape noctem nōtte nojti nojti nit nyt nōt nōapte diurna:ta ḡjornata sputere esputar sputare fti kōnetḡ kunḡafte ko:gita:re koḡitare kuzitaḡ kuzitar kuḡzeta senti:re sātīx sentir sentire sētīr sānti sēti sinti: time:re temer temere temēx timer temā temi teme tremere tremere tremare tremēx trimer trima: tu:tari tḡe tuwe makta:re mate matar mataḡ mētar mēta utfidere battuere batḡ batir battere bateḡ bēter batrā bate bati bate kaptia:re kattjare kurta:re kortar kōrtāḡ kurtar ekskurta:re ekūte skortare skurta: skurta ta:lia:re taje taxar tałłā:re tałāḡ tēłar tāłā teji: taja: tāja fēt parti:re pārtiḡ partir partire pertir pōrti pō:rti parti: nata:re nwotare ambita:re ekstendere etāḡḡ ekstender estendere istēdeḡ iftēdeḡ āstendrā ekstinde sedenta:re sentar sētar sētar senta: sta:re etḡ estar stare iftar iftar āsta sta: sta alta:re altja: torna:re tuḡne tornar tornare tōrnāḡ turnar turna tu:rne torna: turna torkwē:re tōḡḡḡ torḡer tōḡḡḡe turser turser tōrsā tōarḡe tōbe tumbat tōbāḡ tōbar tumba tume tene:re tēniḡ tener tenere tēx ter tēni tini tinji appektora:re apretar epirtar epirtar stringere etḡēḡḡ estrepiḡ strindḡere āftrizir āftrizir āstreḡā stringe strengi: strindḡe friktare fḡote frotar frettare fḡote tergere tēḡgere ekstergere estarsir āstārzi fterḡe tira:re tize tirar tirare tīrar tīra tīre tīra: trahere tḡēx trarre traze trēzer trēwḡā traj tradḡe jaktare zōte ḡḡettare zejtar zejtar xita ḡḡete apta:re atar ētar

Appendix 4 - Words containing each segment

kavare kevaḵ kevar java: skavare iḵevaḵ iḵevar zjava: naviga:re navigare naviḡaḵ neviḡar naviga: naviga vole volare voaḵ vvar vole zvolare zvola: vāniḡ venire viḡ vir vini vīni: veni leva:re lāve levare levaḵ livar lāve leva: viḡe virare virar viḡe lave lavare levar levar lave lava: noverare greve gravi gravi grav grevi breve brevi brevi nuvo nāvo novu novu nōve vjō vekḵjo vejlu veḷu veḷ vi: vjei vek^l soave vwazē viḡḡino vizijṇu vizijṇu vizē viḡḡin veḡḡin vermikulus veḡmej vermiḷḷo veḡmeḷu viḡmejlu veḡ verde verdi verdi vēr veḡ vēr verde awvu alvu vi avek avu

W 0077 8

ew ew jew wo:s wōmo pwasō awem aw awikellum wazo wermem silwa sēwva paw paw fwee skwas skwartse kwan wi:wenda sangwe weso vweḡ o:wum webo wōvo ḡw ow kwerno kwen kwa:ḡ kawde kawde kōw pwal pēw zweḷu wentrem kwejo kwēl dwes iḡpadwe iḡpadwe kwōre awme fwa sōw etwal aywa akkwa agwe agwe ayywā ē:w pluwia ri:wus biw riw riw saw pulwerem pulwus nevwē nevwē newlō sēw sēw wentum niwem new fwego fwōko wia vwa leḡgwa lingwa ligwe ligwe bwaḡ bewrā mwardi womere riwrā wide:re vwaḡ bewrā wiḡ owviḡ owvir savwaḡ kwidar dwaḡmi wi:were biwrā nwaje tuwe di:widere pwēdē rawrā fwik kawa:re ekskawa:re nwotare wola:re vwar weni:re zawrā swaḡ fwaḡ kawrā lawa:re suwe tēwrā zwe ḡuwe flugtwar flwiḡ flwir kḡwatḡ awḡū powku powku owtru owtru aw grweḡ grawis grew grew brewis brew etḡwa dewḡadu suḡḡiw suḡḡiw kawdu fḡwa frwe nowus nweḡo nōw now wetulus bwō:ḡo maw maw dḡwa sua:wem suaw wi:ki:nus vwazē lwētē wiridem awvu dowā tḡwa k^wattwor kwatro kwattro kwatru kwatru kwatrā kwat kwatri ḡḡḡḡkwe kwi kwi kwa kwe: kwando kwando kwēdu kwēdu kwan kwand kwant

X 0078 34

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

Y 0079 22

ty ty fry plym lyn ky ny njoly fyne nyt syse sysi: kōspyē zygyē gyra:re flyktqē flye bḡyle māny

Z 007A 49

epuz spōza ispoza iḡpozē əspōzā spōzo ispozu iḡpozu wazo frunzā piez sīzēḡ sīzēḡ ḡḡinize zi auzi kaze kazaḡ kezar rāza zjava: zvolare zvola: zbura zezḡḡ zezēḡ zezēḡ zəḡḡēa traze trēzer kuzer kuzer kuzi kō:z kuzi dīzer dīzer zīḡe zgloḡḡa: bruza: retuzo proizme vwazē vizijṇu vizijṇu

ã 00E3 82

ḡḡāp pās

ç 00E7 77

krō:ḡ

ð 00F0 50

mariḡo mēriḡu maḡre paḡre iyaḡo fiyeḡu pjeḡra peḡre peḡrā iḡtraḡe morḡer murḡer diviḡir neḡar toḡu miuḡu delyaḡo deḡyaḡu poḡriḡo puḡrit poḡre poḡri ayuḡo eyuḡu niḡio

õ 00F5 61

pwasō peḡo frōse frōse ḡḡl ḡḡ so:vjō mōḡḡi mōḡi mōḡaṇ mōḡēṇe mōḡeṇe mōḡaṇ nō ḡr tōbe tōbaḡ tōbar kōte kōtar kōtar kōte ḡōḡle ḡōḡle pō ḡt lōḡu lōḡu lō ḡḡ bō bō bō bō kō kēdōdu kīdōdu rō ḡ kō kō

ø 00F8 79

kō fəvø løn fø pø vjō dō

ĩ 0129 44

iḡḡḡḡi iḡḡḡi iḡḡḡḡe sīzēḡ sīzēḡ kamīṇu ligwe ligwe əḡḡḡḡḡir əḡḡḡḡḡir lipar lipar iḡar iḡar iḡumeser iḡumeser iḡendḡḡar iḡēḡḡar siku siku sī sī

Appendix 4 - Words containing each segment

ŋ	014B	75
saŋgre saŋ saŋk oŋgule maŋ aŋ noŋ leŋgwa maŋfa: peŋsa: aruŋka zŋloŋfa: loŋ iŋgust uŋ ʃiŋkwe siŋk 'ʃiŋk		
œ	0153	30
føem døem fœj flœk œf œj gœl kœk		
ũ	0169	90
pũzĩk pũzir mũjtu mũjtu awgũ ałgũ ũ ũ		
ɐ	0250	29
femee femje done done ifpoze meriðu bife bife paseɾu paseɾu seɭve frute frute foɭe foɭe fröse fröse Ɂeif koɁʃise kurtise eɁve erve grẽme grẽme kodzie kodie vivẽde grafe grafe kawde kawde pene pene keɃelu kabese keɃese teste teʃte oreɭe oreɭe nerif boke boke uɁe uɁe peɁne perne zweɭu pẽse pẽse itreɁe etreɁe ifpadwe ifpadwe awme alme figedu fiyeðu lue lue istrele iftrele agwe agwe juve juve pedre peðre areje ereje teke teke keɭizẽj nevwwe nevwwe treves treveʃ fumase fumase sizeʃ sizeʃ vie vie istrade iftrade kemĩnu môtẽne môteɁne die die enu enu ligwe ligwe seber metar betar kesar teɭar pertir siperaɾ Ɂeer Ɂezar Ɂeʃkar kevar kevar ifkevar ifkevar neðar neviyar kemĩnaɁ kemĩnaɁ zezeɁ zezeɁ keir keir epiɾtar epiɾtar levar levar trezer etar etar erder eyuðu emarelu emarelu dues dueʃ eki ei e		
ɑ	0251	84
am fwa hare:na bwaɁ taje Ɂaze gɁa tɁwa		
ɔ	0254	9
zə nɔjs nɔʃ vɔjs vɔse dɔnna dɔnə dɔne ɔm ɔmẽj ɔmə ɔm ɔm wɔmo spɔza əspɔzə spɔzo əspɔs sɔʃfo pidɔkkjo fɔɭɭa fɔj kɔɁʃisi kɔrtisi skɔrtsa əskɔrsə flɔ ɔs ɔsso ɔs ɔʃ wɔvo ɔw kɔɁn kɔrno kɔrn kɔw kɔde plɔm ɔɁaj ɔkkjo bɔk bɔce gɔle oŋgule pitʃɔlo Ɂɔinɔkkjo Ɂɔinɔ kɔlu kɔlu kɔɭ dɔsso dɔ kwɔre kɔk kɔr sɔw sɔɭ sɔɭ sɔɭ sɔɭ sɔɭ sɔɭ savalɔn pɔɭvar pɔ pɔ nɔjɔɭ fwɔko fɔk mɔnt mɔntape nɔtte nɔt zɔɁna zɔɁna nɔm nɔj mɔrdere vɔmere kɔnetɁ kinɔh dɔɁmiɁ mɔxi ɔksis vɔle tɔɁdɁ tɔɁʃere tɔrsə dɔne lɔji: kɔle kɔri tɔ pɔko pɔk grɔsso grɔs nɔvo nɔw nɔve bɔn bɔn sɔɁdidu sɔɁdidu sɔɁdidu spɔrko spɔrk tarɔnt prɔssimo əpɔɁp rɔs rɔbbjo rɔʃ grɔk kɔmɔ kɔm kɔmẽ		
ə	0259	4
zə dɔnə dɔamɔnə ɔmə əspɔzə mɔrit əspɔs marə parə tatə nɔmaje pasəre pɔdukje sɔrpen abrə sɔmɔs sɔmen sɔminʃə fuɭə frunzə əɁel rɔdɔʃɔnə əskɔrsə skɔartsə erbə jarbə konɔnə ɔɁadə plomə peɁə panə pɔr ʃəvə kəbeɭ ʃəve testə tɁeastə ureɭə bokə bukə golə gurə kambə gambə pɔrnə gambə zənu zənoɭ minə alə bentɔrə paɁʃə əntɔrəɁə əspaɭɭə inimə fedʒə lunə lunə əstɛl əjyɁə apə pluɁə peðrə pjatrə ərenə arinə sorə tɛrə tsarə newɭə negurə tənɛbrəs ʃʃeɭʃə geɭtsə sendrə ʃɛnuʃə biə ʃəmẽ kəmi muntəɁə diə limbə bewrə mɔɁza musəga musəgar musəɁə əskupi rəspira riwrə bewrə səʃe kuneʃə pənsa pəsa sɔnti fləjra temə biwrə nəga mətə batrə kəsə səɁə tɔɭa tɔja fendɔrə pɔrti səvə səpəra rawrə rəza rəska ʃəve kəba nɔda nəbəga ʃəmine kəmina vənix bəni əstendɔrə zawrə zəʃʃə əsta ləve kəba ləve əɭsa tɔrsə kawrə kədə tənix təni ifpɔrəmeɁ ifpɔrəmeɁ əspremə sərər sərə əʃtrizir əʃtrizir əstreɁə frəga frəsə kəba əstəɁi əʃuga trewrə əmpɛɁə zəte kənsa kəntə əskorə korə zəle zəla gləsə kɁɛʃə krəma ənsendɔrə əɭgu altrə amplə əspes pəti pətit əstret mənɁ mənut mərunt dəlɛkat rədo rətund əɁut əpɔɁp bəi destrə sənɛstɁ bərmɛɭ dowə kwatrə əɭa ən kə kə kə		
ɛ	025B	31
femine efɔ pes pehɔ utʃello utʃjel sjɛɁpɛ verm vjer vjer seɁwa seɭve selve sementʃe gɁen əɁel resen ɛɁb erba erve jɛp gɁamen resta Ɂeʃʃi peli pjel ʃɛk vwes gɁes kwen kɔde plume pen peɁə pene pel kəbeɭ ʃəve tet testa teste teʃte ʃɛs teste ureɭə bɔce dente oŋgule pɛ pɛ pɛw pɛno pɛnne pɛrne pɛrnə pekɔl kwel spale petto pet əstɛl stele mɛk sel peðre terra teke tɛrə tjere nevwwe nevwwe tenebɁ treves treveʃ sjel ʃɛlo seɁ seɁ sel vento nevi nevi zel Ɂɛlo zɛɭ gles sendrə ʃɛnizə munte 'lɛnge bewrə bewrə səʃe kɔnetɁ kuneʃə flɛke ʃɛsi: teji: fendere fendɔrə nɛɁji: mɛɁʒere estendere etɁ es spɛmɛre sere əstreɁə strengi: tɛɁʒere tɛkɁ trewrə əmpɛɁə Ɂɛte intʃendjare ispesu əspes spɛ grwes gɁijɛf greve grevi bɁɛf breve brevi brevi əstret stret deɭyadu fɛt frwe reʃɛnte pɛ plɛn nɔve vekkjo drɛt drɛt ebete net nɛɁɁu nɛɁɁu net net sek sek seʃ sek presso pɛr destrɔ destrɔ deʃtru sənɛstɁ seʃtru seʃtru vɛkmeɁ bərmɛɭ vɛrt vɛk vɛrt Ɂɛn emarelu emarelu tres kɛ ɛ		

Appendix 4 - Words containing each segment

J	025F	83
jambe manja: java: zjava:		
g	0261	1
ego: gra:num gwen grano grano grēw grēw gra grin gran griw gra:men gʷamen grama grēmē grēmē gram sangre sangwe sēgi sēgi sō:g gʷes grasa grafe grafe gref gula gœl gola gola golə gøj gœle gurə ungula ōgl ungja ōg ōngule ungje gamba gamba gamba gambə gambə genikulum fegato figēdu agwē agwē age lago lago lagu ka:li:ginem negurə gelu: glas gjattfa glas glēs glaŋfe gēatsə fwego fogu lōg lēngwa lingwa ligwē ligwē 'lengē musəga musəgar su:gere sugak sugar kogno:skere ko:gita:re fra:gra:re fragrare naga anegar annegare pugna:re segar segare segak pungere jugula:re zygyle jugula:re naviga:re nabegar navigare nōbəga naviga: naviga mergere gyra:re segurar sigurak stringere stringe strēngi: fregar fregar frəga iffrigar tergere ekstergere enxugar affugare ēfugar əfuga impingere liga:re legar legare lega xugar zogak zuga flugtwar gela:re glakia:re glase gjattfjare gləsa glaŋfa: inglakia:re ingetsa augmenta:re ogmōte augmentar augmentar augmenta gōfle gonfjare gōfle zgloŋfa: flagra:re flagwē flagrar flagrare flagwək flagrar alguno awgū atgū əlgu magnus grandem gʷā grande grande grēdʒi grēdi gran gʷā grant longus longo lungo lōgu lōgu lung largus largo ləwgu largu largu gʷa graso grasso grafu gras gras gras gurdus gordo grossus gʷo grōsso grosu grosu grōs grwēs gros grawis gʷijef grabe greve gravi gravi grew grav gravi grew angustus angosto angusto ingust dewgadu fri:gidus əgut galbinus galben grək		
Y	0263	85
iyəðo fiyeðu aywa ajyʷə layu foɣu musəɣa siɣar səɣa naviɣak neviɣar siɣurar iffriɣar ēfuɣar ʎiɣa zuɣar larɣo delyəðo delyəðu ayuðo eyuðu		
q	0265	69
fʷqi plqi nqi kqide tqe esqije flyktqe		
i	0268	47
ifēti ipfoze ipfozu pejfi avi sirpēti vermi arvuri simēti səminŋə kōrtisi ɤesti peli karni sēgi sindʒe pilu dēti minə pintefje iftrele flumi riw vint nevi mōti nojti nojti nomi biŋer minka ɤispirar ride kupiser timer trimer siɣar sipərar naviɣak neviɣar iftar iftar livar sigurak siɣurar siɣar siɣar epirtar epirtar strindʒe iffrigar iffriɣar impindʒe kinta zilar zilar ingetsa kriŋser intŋindʒe grēdi gravi pikenu brevi ingust iftrejtu strimt podri ɤidōdu virmeɣʌu verdi verdi ki kind in ki		
I	026A	11
ɖɖi na:ris isendɖɖar		
ɭ	026B	68
seɭve sɔɭ nuɭuɭ ɤeɭ aɭsa aɭsar kuɭa flama atgū aɭ delyəðu kaɭ pɭe		
ɲ	0272	38
doɲa niɲo alimaɲa peɲa peɲə uɲa uɲe uɲe paɲfə entrɲa itreɲe etreɲe əntrɲə kamijɲu kemijɲu mōtaɲ montɲa montɲa mōtēɲe mōteɲe muntɲə mōtaɲ montɲe ɲɔt aɲo aɲ mənɤa maɲi: kopeseɤ kupiser koposi puɲar puɲɲare puɲa puɲi kemijɲak kemijɲar viɲi: estreɲir əstreɲə əmpenə oɲpi maɲo maɲɲo pekeɲo ɲu:f vizijɲu vizijɲu siɲestri		
ɮ	027B	91
kosaɮ		
ɹ	027E	28
embra fembra muxer muɤer ombre muxer muɤer mariðo maridu meriðu marit madre marə paðre parə paxaro pasəru pasəru pasəre serpiente sirpēti farpe berme vermi verm arɔol albero aɤvori arvuri abɹə par fruto frute frute frujt grano grēw grēw gra frōse frōse frunzə kōrtisi korteθa kurtisə skɔartsə 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 oreɤə oreɤə ureɤə nariθ naris neriŋ gurə pjerna pərne bjentre bentrə entrɲa itreɲe etreɲe əntrɲə kor sqare estreja istrele iftrele mar mar pjeðra peðre		

Appendix 4 - Words containing each segment

peðre peðrā pjatrā arena areje eʀeje ærenā sajbʀu sajbʀu treves trevef tænebrās ʃer estrada istrade iʃtraðe djurno zorn xornada nombre beber bere biþer bewrā komer kumer mandukar mandgare mēzar moðer murðer moskar morsikare sugar kuþþir eskupir esputar sputare respirar respirare ʀespirar ʀiþpirar rəþpira reir rīdere ʀir riwrā ride ber vedere ver bewrā oir udire owvir saber seþer konoðer kupiser kwidar kuzitar pensar pensare pēsar sentir sētir oler ulura ʃejraʀ ʃejraʀ flajra temer timer tremer tremex trimer dormir durmir bibir viver biwrā morir muþer muri anegar matar metar utʃidere pupar batir beter batrā kaðar keþar puxar puþar segar siþar kortar kurtar taxar teʀar dibidir diviðir ender fēder fendrā partir þertir separar separax siperar səpəra pūzir raer ʀeer rawrā rasar ʀezar raskar ʀeþkar kusar kabar kevar eskabar iʃkevar nadar nwotare neðar nabegar neviþar bolar volare vwar zvolare zbura kaminar kamminare keminar andar ēdar benir venire vir ekstender iʃtēder æstendrā jaðer ɖaʃfe:re zuzer zawrā ser ser sentar sētar sētar estar iʃtar iʃtar jebar livar alðar aþsar tornar turnar xirar ɖirare zirar zirar zira birar virare virar zirar bira torðer kaer kadere keir keir tumar tōbar dar dar donar duar tener tenere ter segurar sigurax siþurar ekspremir əspremə serar sərar ðerar siþar siþar apretar ʀpirtar ʀpirtar estreþir æstreþə fregar frəga iʃfrigar iʃfriþar frotar frisar frəsa laþar levar levar estarsir enxugar ɛʃugar ɛʃuyar limpjar lipar lipar tirar ʃira tirar tira puxar puþar puþar traze trezer trewrā eþar zejtā zejtā lanðar lēsar arankar arunþa legar atar ɛtar ɛtar koser kuzer kuzer kontar kōtar kōtar enumerar enumerar enumerar enumera numera deðir dizer dizer kantar kētar kētar ludir xugar zuþar flugtwar flutuar fluir flwir kolar kuar eskurir iʃkurer skurðe korer kuþer kurðe elar zilar zilar aþmentar aþgmentar aþgmentar inþar iþar iþar entumeðer itumeser itumeser kreðer kreseþ kriþser kreþə kreþte kemar keþmare arder ərder arde flagrar flagrar enðender isendþtar isēðjar ənsendrā otro owtru owtru altrā grande grēðji grēði mare larþo largu ʀark graso graþu gras gordo grosu grosu grəs grabe gravi gravi grew grew leardo leardo korto korto kurt kurt brebe brevi brevi brew estreþo iʃtrejtu iʃtrejtu əstret frio friu friu frēt poðriðo puðrit poðre poðri poðri sordido sordidu sordidu ispurku iʃpurku ɖirejtu direjtu dret proximo prosimu prosimu proizme əpɾəp ðerka djestro deþtru deþtru destrā sinjestro seþtru seþtru roþu bermexo virmeþlu berde verdi verdi vert verde amariþo ɛmarelu ɛmærelu grək tres tres tref kwatro kwatru kwatru kwatrā

R 0280

55

mer vjer fry reſen kɾo:ɕ ɔraj vi:r ɔr savø:r mɔri pɔ:rti ma:rʃi: ʃe:r sərar sere iʃkurer kɔri frwe

Б 0281

36

muʀex muʀex maʀi meʀ peʀ seʀpā seʀpēʃi sjeʀpē veʀ veʀmi aʀbʀ aʀvori fʀiʀi gʀen ʀais ʀeʃ ʀadi ʀasin kəʃʃisi kəʃʃise ekoxs floʀx floʀx ɛʀb ɛʀv ɣəʀmen ʀeʃʃi ʀeʃti ʃeʀ kaʀni gʀes kəʀn kəʀnu oʀeʃ pəʀnə vātʀ ɖtʀəʃ kœʀ kœʀ ku:ʀ plu:ʀ ʀy ʀiw ʀiu ʀivʀek rivi:ʀ meʀ maʀ meʀ pjeʀ pi:ʀ pudʀ teʀ teʀe teʀe te:ʀ teneʀbʀ si:ʀ sādʀ zuʀ zəʀna zəʀna zuʀne bʀwəʀ beʀeʀ bə:ʀ mēzəʀ moʀdʀ moʀdeʀ sugəʀ kuspiʀ vomʀ ʀespiʀar ʀiþpiʀar ʀiʀ ʀiʀ ʀiʀ ʀi:ʀ vʀwəʀ veʀ wiʀ owviʀ savʀwəʀ sabəʀ kəʀnəʀ kəʀesəʀ kuzitaʀ pēsəʀ sātʀiʀ sēʃʃiʀ fləʀe ʃejraʀ teməʀ kvēdʀ treməʀ dəʀmiʀ dəʀmiʀ dwəʀmiʀ viʀvʀ viʀeʀ muʀiʀ moʀeʀ muʀer mataʀ əksʀiʀ batʀ bateʀ kasəʀ puʃəʀ segəʀ kəʀtəʀ ekʀte taʀəʀ ɖʃividʃiʀ fādʀ fēdeʀ pəʀtiʀ pəʀʃʃiʀ səʀʀe sepaʀax pʀwēdʀ pūziʀ ʀəʀ ʀeer ʀəze ʀəzəʀ ʀezar ʀəʃkaʀ ʀeʃkar fwʀiʀ keʀəʀ iʃkeʀəʀ nadaʀ naʀiʀəʀ voəʀ kəʀmiʀəʀ məʃʃe ēdaʀ vəʀniʀ viʀ etādʀ istēdeʀ zezʀiʀ zuzer swəʀ seʀ etʀ leʀəʀ tuʀne toʀnəʀ ziʀe viʀe viʀe təʀdʀ ʃwəʀ tōbəʀ dəʀ təʀniʀ teʀ siɡuraʀ eʀʀēdʀ iʃpɾəmeʀ seʀə seʀe siʀar siʀar etʀēdʀ fʃeʃe fʃote fʃote tiʀe tʃeʀ kudʀ enumeʀe nōbʃe diʀ di:ʀ zogəʀ flutuaʀ flwiʀ koəʀ iʃkoʀeʀ kuʀiʀ koʀeʀ kuʀer kəʀwatʀ kreseʀ bʃyle bʃu:le kʃame keʃmaʀe aʀdʀ aʀdeʀ flaɡʃe flaɡʃəʀ otʃ gʀā gʀā ʀəʀz ʀəʀgu gʀə gʀə gʀiʃeʃ ʀuʀ kuʀ kuʀtu ku:ʀ bʃeʃ bʃeʃ etʃwəʀ stʃə: fʃwəʀ ʀesēʃʃi ʀesēʃʃi dʃwəʀ ʀō ʀedōdu ʀidōdu pʃe səʀnəʀtʃ ʀu ʀoʃʀ ʀoʃʀ veʀmeʃ veʀmeʃlu ʀuz veʀ veʀ tʃwəʀ katʃ

∫ 0283

16

noʃ voʃ iʃpozə iʃpozu biʃʃa biʃe biʃe peʃʃe peʃʃi pəʃʃi pef peʃte ʃjē ʃarpe ʀeʃʃ ʀeʃʃi ʀeʃti ʃeʀ ɔʃ graʃe graʃe gref ʃəʀv ʃəʀe teʃte nəʀiʃ buʃ paʀʃə iʃpadwə iʃpadwə iʃtrele ʃuʀe ʃuʀe seʃʃu seʃʃu treʀeʃ siʀeʃ siʀeʃ ʃʃenuʃə iʃtraðe ʃəʀē kuʃpiʀ ʀiþpiʀar ʃti konoʃʃere kuʀeʃə kuʀaʃte ʃejraʀ ʃejraʀ ʃase puʃəʀ puʃar ʃindere ʀəʃkaʀ ʀeʃkar ʃəʀe iʃkeʀəʀ iʃkeʀar ʃəʀmine məʃʃe iʃtēder ʃeðə iʃtar iʃtar alʃa: ʃwəʀ iʃpɾəmeʀ iʃpɾəmer əʃtriʒir əʃtriʒir iʃfrigar iʃfriþar ʃterðe aʃʃugare ɛʃugar ɛʃuyar əʃuga puʃar puʃar ʃāte iʃkoʀeʀ iʃkurer iʃar iʃar kreʃʃere kriʃʃer kreʃə kreʃte ɛʃu ɛʃu graʃu iʃpesu iʃtrejtu ʃo ʃeʃu ʃeʃu iʃpurku deʃtru seʃtru seʃtru ʀoʃʀ ʀoʃʀ roʃʀ doʃʃ duʃʃ tref ʃi

ʃ 028A
ʀoʃʀ

94

Λ 028E

35

moʀʀe muʀex muʀer muʀe moʀʀe muʀex muʀer muʀe useʀ pioʀlu pioʀlu poʀ ʃəʀʀə ʃəʀe ʃəʀe fuʀə peʀ kəʀeʀ ɔreʀe ɔreʃʀe ureʀə ɔlu ɔlu zuʀeʀlu zuʀeʀlu zəʀnoʀ kəʀ əʀpaʀʀə ʀuʀə ʀak taʀʀə:re taʀəʀ teʀar təʀə ʀəʀə ʀəʀə ʀəʀə ʀiʃə ʀoʃ

Appendix 4 - Words containing each segment

lark leno vejlu velu vel lunta vermiλλo vεmεlu virmεjlu bεrmeλ əλa

3 0292 **3**

zə zə zāb zənu zueļu zweļu zənoλ pluza kalizēj kēlizēj zēl zēl zux zorn zəna zəna zuxne māze mēzak mēzar məpza kuzitax kuzitar pūzix pūzir zygye naze zezix zezex zezex zawrə zixē zīrar zīrar zīra zīrar əftrīzīr əftrīzīr əstəzī zəte zejtar zejtar zwe zogax zuγar zuga zuka zəle zilar zilar zəla inʃindze ləwz du:ze: vizē wuz zon

j 029D **5**

jo jerba kabejo kwejo estreja jubja jelo jaθer jebar amarijo aja

dz 02A3 **71**

fronɖa dzornade

ɖ 02A4 **10**

ɖɹ koɖɹe siɖɹe ɖəp ɖiniakkjo ɖino ɖenoli ɖenunk^l fedə pjodɖa kalidɖine ɖelo ɖer ɖu: ɖorno ɖu: ɖornata mandɖare suɖe koɖɹtare kuɖɹeta ɖividiɖix punɖɹere punɖɹe neɖɹi: mɛrɖɹere mɛrɖɹe ɖaʃe:re ɖere ɖirare ɖira: ɖira: strindɹere strindɹe tɛrɖɹere ʃterɖɹe tradɹe impindɹere impindɹe ɖettare ɖete ɖokare ɖuwe ɖuja: skurɖɹe kurɖɹe ɖelare ɖale isendɹar grēɖɹi ɖirejtu neɖu neɖu ruɖɹe ɖen

ts 02A6 **52**

sots skɔrtsa skwartse skɔartsə tseastə pantse tsarə geatsə simtsi altsare tsine ingetsa putsin subtsire retsint

ʃ 02A7 **46**

ifēʃi sɔʃo utʃello utʃel ʃē seɹpēʃi semēʃi semɛntʃe səminʃə radi:ʃe rədəʃinə kortiʃe kɔʃʃisi kortettʃa kɔʃʃise ʃeʃʃi ʃo: ʃivja ʃes naritʃe dētʃi pittʃolo piʃjor pantʃa pintetʃe peʃo ʃeəʃə ʃelo ʃi:l ʃer gjattʃa glatʃe ʃenere ʃinize ʃenuʃə mōʃi notʃe sēʃix maʃa: utʃidere utʃide katʃare ʃesi: caʃa: paʃʃix ʃimine ma:ʃi: ɖaʃe:re zəʃeə tortʃere tɔartʃe ʃe:r ʃjade ʃira etʃar lanʃare lanʃa: arrontʃare kutʃire ziʃe ʃāte gjattʃare glatʃa: inʃar brutʃare inʃendjare inʃindze muʃo anʃo pittʃino pitʃul estretʃo suʃiw suʃiw ʃō reʃente ʃesēʃi ʃesēʃi reʃe seʃ viʃino viʃin veʃin rɔʃ krotʃeo ʃiŋkwe 'ʃiŋk ʃintʃ ʃine ʃe ʃe ʃemu:t

β 03B2 **67**

arβol keβelu kaβeθa keβese sajβru sajβru nuβuβ biβer səβe laβar nweβo

θ 03B8 **58**

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

ē 1EBD **64**

ʃē seɹpēʃi siɹpēti sjeɹpē semēʃi simēti simēs vivēda vivēde dēʃi dēti dē mē mē ētrepə sē vētu vētu vē pēsax pēsar sēʃix sētir kēdɛk fēdɛk fēder istēdɛk iʃtēder sētar sētar ēʃugar ēʃuγar ēʃle isēdjər ʃesēʃi ʃesēʃi 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
ManHumanBeing	hominem	h-oh-m-e-n-ay-m
ManHumanBeing-Homo	homo:	h-oh-m-O
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-Granum	gra:num	g-r-A-n-u-m
Leaf	folia	f-oh-l-e-ah
Leaf-Frondea	frondea	f-r-oh-n-d-ay-ah
Root	ra:di:kem	r-A-d-E-k-ay-m
Root-Radix	ra:di:ke	r-A-d-E-k-ay
Root-Radicina	ra:di:ki:na	r-A-d-E-k-E-n-ah
BarkOfATree	kortikem	k-oh-r-t-e-k-ay-m
BarkOfATree-Corticea	korticea	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

Appendix 5 - Word Lists by Language

FatNoun	adepem	ah-d-ay-p-ay-m
Egg	o:wum	O-w-u-m
Horn	kornu:	k-oh-r-n-U
Tail	kaŭda	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	genikulum	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*a	ah-kw-ah
Rain	pluwia	p-l-u-w-e-ah
River	flu:men	f-l-U-m-ay-n
River-Rivus	ri:wus	r-E-w-u-s
River-Riparia	ri:pa:ria	r-E-p-A-r-e-ah
Lake	lakum	l-ah-k-u-m
Sea	mare	m-ah-r-ay
Salt	sa:lem	s-A-l-ay-m
Stone	saksum	s-ah-k-s-u-m
Stone-Petra	petra	p-ay-t-r-ah
Stone-Lapidem	lapidem	l-ah-p-e-d-ay-m
Sand	hare:na	h-ah-r-ai-n-a
Sand-Sabulum	sabulum	s-ah-b-u-l-u-m
Sand-Sabula	sabula	s-ah-b-u-l-ah
Dust	pulwerem	p-u-l-w-ay-r-ay-m
Dust-Pulwus	pulwus	p-u-l-w-u-s
Earth	terra	t-ay-r-r-ah
Cloud	nu:be:s	n-U-b-ai-s

Appendix 5 - Word Lists by Language

Cloud-Secondary	nu: bilus	n-U-b-e-l-u-s
Fog	ka: li: ginem	k-A-l-E-g-e-n-ay-m
Fog-Nebula	nebula	n-ay-b-u-l-ah
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* 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

Appendix 5 - Word Lists by Language

ToKill-Occidere	okki:dere	oh-k-k-E-d-ay-r-ay
ToFight	pugna:re	p-u-g-n-A-r-ay
ToFight-Battuere	battuere	b-ah-t-t-u-ay-r-ay
ToHunt-Captiare	kaptia:re	k-ah-p-t-e-A-r-ay
ToHit	pulsa:re	p-u-l-s-A-r-ay
ToCut	seka:re	s-ay-k-A-r-ay
ToCut-Curtare	kurta:re	k-u-r-t-A-r-ay
ToCut-Excurtare	ekskurta:re	ay-k-s-k-u-r-t-A-r-ay
ToCut-Taliare	ta:lia:re	t-A-l-e-A-r-ay
ToSplit	di:widere	d-E-w-e-d-ay-r-ay
ToSplit-Scindere	skindere	s-k-e-n-d-ay-r-ay
ToSplit-Findere	findere	f-e-n-d-ay-r-ay
ToSplit-Partire	parti:re	p-ah-r-t-E-r-ay
ToSplit-Separare	se:para:re	s-ai-p-ah-r-A-r-ay
ToStab	pungere	p-u-n-g-ay-r-ay
ToStab-Iugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	ra:dere	r-A-d-ay-r-ay
ToDig	fodere	f-oh-d-ay-r-ay
ToDig-Cavare	kawa:re	k-ah-w-A-r-ay
ToDig-Excavare	ekskawa:re	ay-k-s-k-ah-w-A-r-ay
ToSwim	nata:re	n-ah-t-A-r-ay
ToSwim-Navigare	naviga:re	n-ah-v-e-g-A-r-ay
ToFly	wola:re	w-oh-l-A-r-ay
ToWalk-Mergere	mergere	m-ay-r-g-ay-r-ay
ToWalk-Ambitare	ambita:re	ah-m-b-e-t-A-r-ay
ToCome	weni:re	w-ay-n-E-r-ay
ToLieAsInABed	ekstendere	ay-k-s-t-ay-n-d-ay-r-ay
ToLieAsInABed-lacere	jake:re	jg-ah-k-ai-r-ay
ToSit	sede:re	s-ay-d-ai-r-ay
ToSit-Sedentare	sedenta:re	s-ay-d-ay-n-t-A-r-ay
ToStand	sta:re	s-t-A-r-ay
ToStand-Levare	leva:re	l-ay-v-A-r-ay
ToStand-Altiare	altia:re	ah-l-t-e-A-r-ay
ToTurnIntransitive	torna:re	t-oh-r-n-A-r-ay
ToTurnIntransitive-Gyrare	gyra:re	g-eeh-r-A-r-ay
ToTurnIntransitive-Torquere	tork ^w e:re	t-oh-r-kw-ai-r-ay
ToFall	kadere	k-ah-d-ay-r-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	dona:re	d-oh-n-A-r-ay
ToHold	tene:re	t-ay-n-ai-r-ay
ToSqueeze	eksprimere	ay-k-s-p-r-e-m-ay-r-ay
ToSqueeze-Serrere	serrere	s-ay-r-r-ay-r-ay
ToSqueeze-Serare	serare	s-ay-r-ah-r-ay
ToSqueeze-Appetorare	appektora:re	ah-p-p-ay-k-t-oh-r-A-r-ay
ToSqueeze-Stringere	stringere	s-t-r-e-n-g-ay-r-ay
ToRub	frika:re	f-r-e-k-A-r-ay
ToRub-Frictare	frikta:re	f-r-e-k-t-A-r-ay
ToWash	lawa:re	l-ah-w-A-r-ay
ToWipe	tergere	t-ay-r-g-ay-r-ay
ToWipe-Extergere	ekstergere	ay-k-s-t-ay-r-g-ay-r-ay
ToWipe-Exsucare	eksu:ka:re	ay-k-s-U-k-A-r-ay
ToWipe-Limpidare	limpida:re	l-e-m-p-e-d-A-r-ay
ToPull	tira:re	t-e-r-A-r-ay
ToPull-Pulsare	pulsa:re	p-u-l-s-A-r-ay
ToPull-Trahere	trahere	t-r-ah-h-ay-r-ay
ToPush	impingere	e-m-p-e-n-g-ay-r-ay
ToThrow	jakta:re	jg-ah-k-t-A-r-ay

Appendix 5 - Word Lists by Language

ToThrow-Lanceare	lancea:re	l-ah-n-k-ay-A-r-ay
ToThrow-Eruncare	e:runka:re	ai-r-u-n-k-A-r-ay
ToTie	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay
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	eksponere	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-Flutare	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	ekscurrere	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	augmenta:re	au-g-m-ay-n-t-A-r-ay
ToSwell-Inflare	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-AncestralClass8	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	paukus	p-au-k-u-s
Other	alter	ah-l-t-ay-r
Other-Alius	alius	ah-l-e-u-s
Big	magnus	m-ah-g-n-u-s
Big-Grandem	grandem	g-r-ah-n-d-ay-m
Big-Majjorem	majjo:rem	m-aj-jg-O-r-ay-m
Long-Longum	longus	l-oh-n-g-u-s
Long-Largum	largus	l-ah-r-g-u-s
Wide	la:tus	l-A-t-u-s
Wide-Amplum	amplus	ah-m-p-l-u-s
Thick	krassus	k-r-ah-s-s-u-s
Thick-Spissum	spissus	s-p-e-s-s-u-s
Thick-Gurdum	gurdus	g-u-r-d-u-s
Thick-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

Appendix 5 - Word Lists by Language

Short-Brevis	brewis	b-r-ay-w-e-s
Narrow	angustus	ah-n-g-u-s-t-u-s
Narrow-Strictus	striktus	s-t-r-e-k-t-u-s
Thin	minu:tus	m-e-n-U-t-u-s
Thin-Delicatus	de:lika:tus	d-ai-l-e-k-A-t-u-s
Thin-Subtilis	subti:lem	s-u-b-t-E-l-ay-m
Warm	kalidus	k-ah-l-e-d-u-s
Cold	fri:gidus	f-r-E-g-e-d-u-s
Cold-Recens	rekentem	r-ay-k-ay-n-t-ay-m
Full	ple:nus	p-l-ai-n-u-s
New	nowus	n-oh-w-u-s
Old	wetulus	w-ay-t-u-l-u-s
Good	bonus	b-oh-n-u-s
Bad	malus	m-ah-l-u-s
Rotten	putridus	p-u-t-r-e-d-u-s
Rotten-Putrem	putrem	p-u-t-r-ay-m
Dirty	sordidus	s-oh-r-d-e-d-u-s
Dirty-Spurcus	spurcus	s-p-u-r-tya-u-s
Straight	di:re:ktus	d-E-r-ai-k-t-u-s
Round	rotundus	r-oh-t-u-n-d-u-s
SharpAsAKnife	aku:tus	ah-k-U-t-u-s
DullAsAKnife	hebetem	h-ay-b-ay-t-ay-m
DullAsAKnife-Retusus	retu:sus	r-ay-t-U-s-u-s
Smooth	sua:wem	s-u-A-w-ay-m
Smooth-Nitidus	nitidus	n-e-t-e-d-u-s
Wet	u:midus	U-m-e-d-u-s
Wet-Udus	u:dus	U-d-u-s
Dry	sikkus	s-e-k-k-u-s
Correct	korre:ktus	k-oh-r-r-ai-k-t-u-s
Near	proksimus	p-r-oh-k-s-e-m-u-s
Near-AdPrope	adpropre	ah-d-p-r-oh-p-r-ay
Near-Pressus	pressus	p-r-ay-s-s-u-s
Near-Vicinus	wi:ki:nus	w-E-k-E-n-u-s
Near-Circa	kirka	k-e-r-k-ah
Right-Dextrem	dekstrum	d-ay-k-s-t-r-u-m
Left	sinistrum	s-e-n-e-s-t-r-u-m
Red	russus	r-u-s-s-u-s
Red-Vermiculus	vermikulus	v-ay-r-m-e-k-u-l-u-s
Red-Rubeus	rubeus	r-u-b-ay-u-s
Green	wiridem	w-e-r-e-d-ay-m
Yellow	galbinus	g-ah-l-b-e-n-u-s
Yellow-Amarellus	amarellus	ah-m-ah-r-ay-l-l-u-s
Yellow-Croceus	krokeus	k-r-oh-k-ay-u-s
White	albus	ah-l-b-u-s
One	u: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

Appendix 5 - Word Lists by Language

When-Quando	k ^w ando:	kw-ah-n-d-O
How-Quomodo	k ^w o:modo	kw-O-m-oh-d-oh
Not	no:n	n-O-n
Not-Nec	nek	n-ay-k
At	ad	ah-d
In-In	in	e-n
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
ManHumanBeing	ɔm	euh-m
ManHumanBeing-Homo	ɔ̃	oon
Child	ɑ̃fɑ̃	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	pwasɔ̃	p-w-ah-s-on
Bird-Avicellum	wazo	w-ah-zz-oh
Dog	ʃjɛ̃	shh-jg-ehnn
Louse	pu	p-u
Snake	sɛʁpɑ̃	s-ay-rr-p-NasalA
Worm	veʁ	v-ay-rr
Tree	ɑʁbɛʁ	ah-rr-b-rr
Stick	pal	p-ah-l
Fruit	fʁɥi	f-rr-eu-e
Seed-Sementis	səmɑ̃s	s-aah-m-NasalA-s
Seed-Granum	gʁɛn	g-rr-eh-n
Leaf	fœj	f-uuh-jg
Root-Radix	ʁadi	rr-ah-d-e
Root-Radicina	ʁasin	rr-ah-s-e-n
BarkOfATree-Skortea	ekoʁs	ay-k-oh-rr-s
Flower	flœʁ	f-l-uuh-rr
Grass	ɛʁb	eh-rr-b
Grass-Gramen	gʁamɛn	g-rr-ah-m-eh-n
Skin	kwan	k-w-ah-n
Skin-Pellis	po	p-oh
Meat	fœʁ	shh-eh-rr
Meat-Vivenda	vʝɑ̃d	v-jg-NasalA-d
Blood	sɑ̃	s-NasalA
Bone	ɔs	euh-s
FatNoun-Crassia	gʁɛs	g-rr-eh-s

Appendix 5 - Word Lists by Language

Egg	œf	uuh-f
Horn	kœn	k-euh-rr-n
Tail	kø	k-uu
Feather	plym	p-l-eeh-m
Feather-Penna	pen	p-eh-n
Hair	pwal	p-w-ah-l
Hair-Capillus	ʃəvø	shh-aah-v-uu
Head	ʃəvɛ	shh-aah-v-eh
Head-Testa	tæt	t-eh-t
Ear	oœej	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	ōgl	on-g-l
Foot	pje	p-jg-ay
Leg-Gamba	zãb	gzah-NasalA-b
Knee-Geniculum	zœnu	gzah-aah-n-u
Hand	mẽ	m-ehn
Wing	el	ay-l
Belly	vãtœ	v-NasalA-t-rr
Belly-Pantex	pãs	p-NasalA-s
Guts	ãtœaj	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	kœœ	k-uuh-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	sœlej	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	œy	rr-eeh
River-Riparia	œivjœœ	rr-e-v-jg-ay-rr
Lake	lak	l-ah-k
Sea	mœœ	m-eh-rr
Salt	sel	s-eh-l
Stone-Petra	pjœœ	p-jg-ay-rr
Sand-Sabulum	sabl	s-ah-b-l
Dust	pudœ	p-u-d-rr
Earth	tœœ	t-ay-rr
Cloud	ny	n-eeh
Fog-Nebula	njoly	n-jg-euh-l-eeh
Fog-Tenebras	tenebœ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-eeh-m-ay
Sky	sjel	s-jg-eh-l
Wind	vã	v-NasalA
Ice	zel	gzah-eh-l
Ice-Glacies	glas	g-l-ah-s
Fire-Focus	fœ	f-uu
Ash	sãdœ	s-NasalA-d-rr
Road	vwa	v-w-ah

Appendix 5 - Word Lists by Language

Road-Camminus	ʃəmẽ	shh-aah-m-ehnn
Mountain	mõ	m-oon
Mountain-Montanea	mõtəp	m-on-t-ah-VdPalatalNasal
Night	nɥi	n-eu-e
Day-Diurnus	ʒuɤ	gzah-u-rr
Day-Diurnata	ʒuɤne	gzah-u-rr-n-ay
Year	a	NasalA
Name-Nomen	nõ	n-oon
Tongue	lāg	l-NasalA-g
ToDrink	bwaɤ	b-w-a-rr
ToEat-Manducare	māze	m-NasalA-gzah-ay
ToBite	moɤdɤ	m-oh-rr-d-rr
ToSuck	syse	s-eeh-s-ay
ToSpit	kõspye	k-oon-s-p-eeh-ay
ToVomit	vomiɤ	v-oh-m-e-rr
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ɤiɤ	rr-e-rr
ToSee	vwaɤ	v-w-ah-rr
ToHear	wiɤ	w-e-rr
ToKnow-Sapere	savwaɤ	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kõnetɤ	k-euh-n-eh-t-rr
ToThink	kɥide	k-eu-e-d-ay
ToThink-Pensare	pāse	p-NasalA-s-ay
ToSmell-Sentire	sātɤ	s-NasalA-t-e-rr
ToSmell-Fragrare	flɤɤ	f-l-eh-rr-ay
ToFear-Tremere	kɤẽdɤ	k-rr-ehn-d-rr
ToSleep	dõɤmiɤ	d-euh-rr-m-e-rr
ToLive	vivɤ	v-e-v-rr
ToDie	muɤiɤ	m-u-rr-e-rr
ToKill	nwaje	n-w-aj-ay
ToKill-Tutari	tɥe	t-eu-ay
ToKill-Mactare	mate	m-ah-t-ay
ToKill-Occidere	õksiɤ	euh-k-s-e-rr
ToFight-Battuere	batɤ	b-ah-t-rr
ToHunt-Captiare	ʃase	shh-ah-s-ay
ToHit	puse	p-u-s-ay
ToCut	sje	s-jg-ay
ToCut-Excurtare	ekurte	ay-k-u-rr-t-ay
ToCut-Taliare	taje	t-a-jg-ay
ToSplit-Scindere	sẽde	s-ehnn-d-ay
ToSplit-Findere	fãdɤ	f-NasalA-d-rr
ToSplit-Partire	paktɤ	p-ah-rr-t-e-rr
ToSplit-Separare	sõvɤ	s-aah-v-rr-ay
ToStab	pwẽdɤ	p-w-ehnn-d-rr
ToStab-lugulare	zygyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	ɤaze	rr-a-zz-ay
ToDig	fwɤ	f-w-e-rr
ToDig-Cavare	ʃøve	shh-aah-v-ay
ToSwim-Navigare	naze	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	ʃəmine	shh-aah-m-e-n-ay
ToWalk-Marcher	maɤʃe	m-ah-rr-shh-ay
ToCome	võniɤ	v-aah-n-e-rr
ToLieAsInABed	etãdɤ	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	zeziɤ	gzah-ay-zz-e-rr
ToSit	swaɤ	s-w-ah-rr
ToStand	etɤ	eh-t-rr

Appendix 5 - Word Lists by Language

ToStand-Levare	løve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive	tũrne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	zĩke	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	vĩke	v-e-rr-ay
ToTurnIntransitive-Torquere	tũrdũ	t-euh-rr-d-rr
ToFall	fwax	shh-w-ah-rr
ToFall-Tumbare	tũbe	t-on-b-ay
ToGive-Donare	dũne	d-euh-n-ay
ToHold	tũnik	t-aah-n-e-rr
ToSqueeze	epũedũ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	seke	s-ay-rr-ay
ToSqueeze-Stringere	etũẽdũ	ay-t-rr-ehnn-d-rr
ToRub	fũeje	f-rr-ehj-ay
ToRub-Frictare	fũote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	esũije	ay-s-eu-e-jg-ay
ToPull	tũke	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahare	tũek	t-rr-eh-rr
ToThrow	zũte	gzah-aah-t-ay
ToThrow-Lanceare	lũse	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudũ	k-u-d-rr
ToCount	kũte	k-on-t-ay
ToCount-Enumerare	enumẽke	ay-n-u-m-ay-rr-ay
ToCount-Numerare	nũbũke	n-on-b-rr-ay
ToSay	dũk	d-e-rr
ToSing-AncestralClass	ũate	shh-NasalA-t-ay
ToPlay-Jiocare	zwe	gzah-w-ay
ToFloat	flyktũe	f-l-eeh-k-t-eu-ay
ToFlow	flye	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kũkũk	k-u-rr-e-rr
ToFreeze	zũle	gzah-aah-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell	ogmũate	oh-g-m-NasalA-t-ay
ToSwell-Inflare	ũfle	NasalA-f-l-ay
ToSwell-Conflare	gũfle	g-on-f-l-ay
ToSwell-Crescere	kũwatũ	k-rr-w-ah-t-rr
ToBurn-Brojan	bũyle	b-rr-eeh-l-ay
ToBurn-Cremare	kũame	k-rr-ah-m-ay
ToBurn-Flammare	flame	f-l-ah-m-ay
ToBurn-Ardere	akũk	ah-rr-d-rr
ToBurn-Flagrare	flagũke	f-l-ah-g-rr-ay
ToBurn-Incendere	ẽsũdũje	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okũẽ	oh-k-uuhn
Few	pũ	p-uu
Other	otũ	oh-t-rr
Big-Grandem	gũũ	g-rr-NasalA
Long-Longum	lũ	l-on
Long-Largum	lakũ	l-ah-rr-gzah
Wide	le	l-ay
Wide-Amplum	ũpl	NasalA-p-l
Thick	gũũ	g-rr-a

Appendix 5 - Word Lists by Language

Thick-Spissum	epe	ay-p-ay
Thick-Grossum	gɤo	g-rr-oh
Heavy	gɤijef	g-rr-e-jg-eh-f
Heavy-Lurdus	luɤ	l-u-rr
Small	pəti	p-aah-t-e
Short	kuɤ	k-u-rr
Short-Brevis	bɤef	b-rr-eh-f
Narrow-Strictus	etɤwa	ay-t-rr-w-ah
Thin	məny	m-aah-n-eeh
Thin-Delicatus	du:ʒe:	d-U-gzah-ai
Warm	ʃo	shh-oh
Cold	fɤwa	f-rr-w-ah
Full	plɛ	p-l-ehnn
New	nuvo	n-u-v-oh
Old	vjə	v-jg-uu
Good	bō	b-on
Bad	mal	m-ah-l
Straight	dɤwa	d-rr-w-ah
Round	ɤō	rr-on
Smooth-Nitidus	net	n-eh-t
Dry	sɛk	s-eh-k
Near-Pressus	pɤe	p-rr-ay
Near-Vicinus	vwazɛ	v-w-ah-zz-ehnn
Near-Circa	θerka	th-ay-er-k-ah
Far	lwetɛ	l-w-ehnn-t-ehnn
Left	sənɛstɤ	s-aah-n-eh-s-t-rr
Red	ɤu	rr-u
Red-Vermiculus	vɛɤmɛj	v-eh-rr-m-ehj
Red-Rubeus	ɤuʒ	rr-u-gzah
Green	vɛɤ	v-ay-rr
Yellow	ʒon	gzah-oh-n
One	œ	uuhn
Two-Duos	dø	d-uu
Three	tɤwa	t-rr-w-a
Four	katɤ	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	kã	k-NasalA
How-Quomodo	kɔmã	k-euh-m-NasalA
Not	nō	n-oon
Not-Nec	ni	n-e
At	a	ah
In-Deintus	dã	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

Appendix 5 - Word Lists by Language

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	dopa	d-oh-VdPalatalNasal-ah
ManHumanBeing	ombre	oh-m-b-er-ay
Child	infante	e-n-f-ah-n-t-ay
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	alimapa	ah-l-e-m-ah-VdPalatalNasal-ah
Fish-Piskem	peθ	p-ay-th
Bird-Avem	abe	ah-b-ay
Bird-Passerem	paxaro	p-ah-xha-ah-er-oh
Dog	kan	k-ah-n
Louse	pjoxo	p-jg-oh-xha-oh
Snake	serpjente	s-ay-er-p-jg-ay-n-t-ay
Worm	berme	b-ay-er-m-ay
Tree	arβol	ah-er-bb-oh-l
Forest	selba	s-ay-l-b-ah
Stick	palo	p-ah-l-oh
Fruit	fruto	f-er-u-t-oh
Seed-Sementis	simjente	s-e-m-jg-ay-n-t-ay
Seed-Granum	grano	g-er-ah-n-oh
Leaf	oxa	oh-xha-ah
Root	raiθ	r-ah-e-th
BarkOfATree-Corticea	korteθa	k-oh-er-t-ay-th-ah
Flower	flor	f-l-oh-er
Grass	jerba	VdPalatalFricative-ay-er-b-ah
Grass-Gramen	grama	g-er-ah-m-ah
Rope-Restis	rista	er-e-s-t-ah
Skin-Pellis	pjel	p-jg-ay-l
Meat	karne	k-ah-er-n-ay
Meat-Vivenda	bibjenda	b-e-b-jg-ay-n-d-ah
Blood	sangre	s-ah-nya-g-er-ay
Bone	weso	w-ay-s-oh
FatNoun-Crassia	grasa	g-er-ah-s-ah
Egg	webo	w-ay-b-oh
Horn	kwerno	k-w-ay-er-n-oh
Tail	kola	k-oh-l-ah
Feather	pluma	p-l-u-m-ah
Feather-Penna	peja	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

Appendix 5 - Word Lists by Language

Tooth	djente	d-jg-ay-n-t-ay
Fingernail	upa	u-VdPalatalNasal-ah
Foot	pje	p-jg-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	pjerna	p-jg-ay-er-n-ah
Leg-Petiolus	peθiolo	p-ay-th-e-oh-l-oh
Knee-Geniculum	inoxo	e-n-oh-xha-oh
Hand	mano	m-ah-n-oh
Wing	ala	ah-l-ah
Belly	bjentre	b-jg-ay-n-t-er-ay
Belly-Pantex	panθa	p-ah-n-th-ah
Guts	entraņa	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	peŋo	p-ay-ts-oh
Heart-Anima	alma	ah-l-m-ah
Liver	iyađo	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	pjeđra	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-Secondary	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	montaņa	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	leŋgwa	l-ay-nya-g-w-ah

Appendix 5 - Word Lists by Language

ToDrink	beber	b-ay-b-ay-er
ToEat	komer	k-oh-m-ay-er
ToEat-Manducare	mandukar	m-ah-n-d-u-k-ah-er
ToBite	morðer	m-oh-er-dd-ay-er
ToBite-Morsicare	moskar	m-oh-s-k-ah-er
ToSpit-Exconspuere	eskupir	ay-s-k-u-p-e-er
ToSpit-Sputare	esputar	ay-s-p-u-t-ah-er
ToBreathe	respirar	r-ay-s-p-e-er-ah-er
ToLaugh	reir	r-ay-e-er
ToSee	ber	b-ay-er
ToHear	oir	oh-e-er
ToKnow-Sapere	saber	s-ah-b-ay-er
ToKnow-Cognoscere	konoθer	k-oh-n-oh-th-ay-er
ToThink	kwidar	k-w-e-d-ah-er
ToThink-Pensare	pensar	p-ay-n-s-ah-er
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	tremar	t-er-ay-m-ay-er
ToSleep	dormir	d-oh-er-m-e-er
ToLive	bibir	b-e-b-e-er
ToDie	morir	m-oh-er-e-er
ToKill-Adnecare	anegar	ah-n-ay-g-ah-er
ToKill-Mactare	matar	m-ah-t-ah-er
ToFight	pupar	p-u-VdPalatalNasal-ah-er
ToFight-Battuere	batir	b-ah-t-e-er
ToHunt-Captiare	kaθar	k-ah-th-ah-er
ToHit	puxar	p-u-xha-ah-er
ToCut	segar	s-ay-g-ah-er
ToCut-Curtare	kortar	k-oh-er-t-ah-er
ToCut-Taliare	taxar	t-ah-xha-ah-er
ToSplit	dibidir	d-e-b-e-d-e-er
ToSplit-Findere	ender	ay-n-d-ay-er
ToSplit-Partire	partir	p-ah-er-t-e-er
ToSplit-Separare	separar	s-ay-p-ah-er-ah-er
ToScratch	raer	r-ah-ay-er
ToScratch-Rasare	rasar	r-ah-s-ah-er
ToScratch-Rasicare	raskar	r-ah-s-k-ah-er
ToDig-Cavare	kabar	k-ah-b-ah-er
ToDig-Excavare	eskabar	ay-s-k-ah-b-ah-er
ToSwim	nadar	n-ah-d-ah-er
ToSwim-Navigare	nabegar	n-ah-b-ay-g-ah-er
ToFly	bolar	b-oh-l-ah-er
ToWalk	kaminar	k-ah-m-e-n-ah-er
ToWalk-Ambitare	andar	ah-n-d-ah-er
ToCome	benir	b-ay-n-e-er
ToLieAsInABed	ekstender	ay-k-s-t-ay-n-d-ay-er
ToLieAsInABed-lacere	jaθer	VdPalatalFricative-ah-th-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sentar	s-ay-n-t-ah-er
ToStand	estar	ay-s-t-ah-er
ToStand-Levare	jebar	VdPalatalFricative-ay-b-ah-er
ToStand-Altiare	alθar	ah-l-th-ah-er
ToTurnIntransitive	tornar	t-oh-er-n-ah-er
ToTurnIntransitive-Gyrate	xirar	xha-e-er-ah-er
ToTurnIntransitive-AncestralClass3	birar	b-e-er-ah-er
ToTurnIntransitive-Torquere	torθer	t-oh-er-th-ay-er

Appendix 5 - Word Lists by Language

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	serir	s-ay-r-ah-er
ToSqueeze-Serare	θerar	th-ay-r-ah-er
ToSqueeze-Appetorare	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estreñir	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	eñar	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	augmentar	au-m-ay-n-t-ah-er
ToSwell-Inflare	inñar	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	muñfo	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

Appendix 5 - Word Lists by Language

Wide-Amplum	anŷo	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	pekepo	p-ay-k-ay-VdPalatalNasal-oh
Short	korto	k-oh-er-t-oh
Short-Brevis	brebe	b-er-ay-b-ay
Narrow	angosto	ah-n-g-oh-s-t-oh
Narrow-Strictus	estreŷo	ay-s-t-er-ay-ts-oh
Thin	menudo	m-ay-n-u-d-oh
Thin-Delicatus	delyaðo	d-ay-l-juh-ah-dd-oh
Thin-Subtilis	sutil	s-u-t-e-l
Warm	kaldo	k-ah-l-d-oh
Cold	frio	f-er-e-oh
Cold-Recens	reθjente	r-ay-th-jg-ay-n-t-ay
Full	ŷeno	yuh-ay-n-oh
New	nweŷo	n-w-ay-bb-oh
Old	bjexo	b-jg-ay-xha-oh
Good	bweno	b-w-ay-n-oh
Bad	malo	m-ah-l-oh
Rotten	poðriðo	p-oh-dd-er-e-dd-oh
Rotten-Putrem	poðre	p-oh-dd-er-ay
Dirty	sordido	s-oh-er-d-e-d-oh
Round	redondo	r-ay-d-oh-n-d-oh
SharpAsAKnife	ayuðo	ah-juh-u-dd-oh
Smooth-Nitidus	niðio	n-e-dd-e-oh
Dry	seko	s-ay-k-oh
Near	proximo	p-er-oh-xha-e-m-oh
Near-Vicinus	beθino	b-ay-th-e-n-oh
Right-Dextrem	djestro	d-jg-ay-s-t-er-oh
Left	sinjestro	s-e-n-jg-ay-s-t-er-oh
Red	roxo	r-oh-xha-oh
Red-Vermiculus	bermexo	b-ay-er-m-ay-xha-oh
Red-Rubeus	rubjo	r-u-b-jg-oh
Green	berde	b-ay-er-d-ay
Yellow-Amarellus	amarijo	ah-m-ah-er-e-VdPalatalFricative-oh
White	albo	ah-l-b-oh
One	uno	u-n-oh
Two-Duos	dos	d-oh-s
Three	tres	t-er-ay-s
Four	kwatro	k-w-ah-t-er-oh
Five	θinko	th-e-n-k-oh
Here	aki	ah-k-e
There	aja	ah-VdPalatalFricative-ah
There-Adlbi	ai	ah-e
Who-Quem	kjen	k-jg-ay-n
What	ke	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	komo	k-oh-m-oh
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	en	ay-n
With-Cum	kon	k-oh-n
And-Et	i	e

Appendix 5 - Word Lists by Language

And-Si	si	s-e
Because-Quod	ke	k-ay

Italian

Cognate	IPA	Sounds
I	io	e-oh
We	no:i	n-O-e
YouPlural	vo:i	v-O-e
YouSingular	tu	t-u
Woman	femmina	f-ay-m-m-e-n-ah
Woman-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Woman-Domina	donna	d-euh-n-n-ah
ManHumanBeing-Homo	womo	w-euh-m-oh
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	utʃello	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog	kane	k-ah-n-ay
Louse	pidɔkkjo	p-e-d-euh-k-k-jg-oh
Snake	serpente	s-ay-r-p-ay-n-t-ay
Worm	verme	v-ay-r-m-ay
Tree	albero	ah-l-b-ay-er-oh
Forest	selva	s-ay-l-v-ah
Stick	palo	p-ah-l-oh
Fruit	frutto	f-r-u-t-t-oh
Seed	seme	s-ay-m-ay
Seed-Sementis	semente	s-ay-m-ay-n-t-ay
Seed-Granum	grano	g-r-ah-n-oh
Leaf	fɔʎʎa	f-euh-yuh-yuh-ah
Leaf-Frondea	fronza	f-r-oh-n-VdPalatoAlveolarAffricate-ah
Root-Radix	radi:ʃe	r-ah-d-E-ts-ay
BarkOfATree	kortijʃe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortetʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Skortea	skortsa	s-k-euh-r-VlAlveolarSibilantAffricate-ah
Flower	fjo:re	f-jg-O-er-ay
Grass	erba	eh-r-b-ah
Rope	fune	f-u-n-ay
Rope-Restis	resta	r-eh-s-t-ah
Skin	kotenna	k-oh-t-ay-n-n-ah
Skin-Pellis	pelle	p-ay-l-l-ay
Meat	karne	k-ah-r-n-ay
Meat-Vivenda	vivanda	v-e-v-ah-n-d-ah
Blood	sangwe	s-ah-n-g-w-ay
Bone	osso	euh-s-s-oh
FatNoun	adipe	ah-d-e-p-ay

Appendix 5 - Word Lists by Language

Egg	wəvo	w-euh-v-oh
Horn	kørno	k-euh-r-n-oh
Tail	koda	k-oh-d-ah
Feather	pjuma	p-jg-u-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kapello	k-ah-p-ay-l-l-oh
Head	kavettsa	k-ah-v-ay-t-t-s-ah
Head-Testa	testa	t-eh-s-t-ah
Ear	orekkja	oh-r-ay-k-k-jg-ah
Eye	okkjo	euh-k-k-jg-oh
Nose	na:so	n-A-s-oh
Nose-Nares	nariŋe	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	pitjolo	p-e-t-ts-euh-l-oh
Knee-Geniculum	dʒinəkko	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	dosso	d-euh-s-s-oh
Back-Spatula	spalla	s-p-ah-l-l-ah
Breast	seno	s-ay-n-oh
Breast-Pectus	petto	p-eh-t-t-oh
Heart	kwore	k-w-euh-r-ay
Heart-Anima	alma	ah-l-m-ah
Liver	fegato	f-ay-g-ah-t-oh
Sun	sole	s-oh-l-ay
Moon	luna	l-u-n-ah
Star	stella	s-t-ay-l-l-ah
Water	akkwa	ah-k-k-w-ah
Rain	pjoddʒa	p-jg-oh-d-VdPalatoAlveolarSibilant-ah
River	fjume	f-jg-u-m-ay
River-Rivus	rio	r-e-oh
Lake	lago	l-ah-g-oh
Sea	mare	m-ah-r-ay
Salt	sale	s-ah-l-ay
Stone	sasso	s-ah-s-s-oh
Stone-Petra	pje:tra	p-jg-ai-t-r-ah
Stone-Lapidem	lapide	l-ah-p-e-d-ay
Sand-Sabula	sabbja	s-ah-b-b-jg-ah
Dust	polvere	p-oh-l-v-ay-r-ay
Earth	terra	t-eh-r-r-ah
Cloud	nube	n-u-b-ay
Cloud-Secondary	nuvola	n-u-v-oh-l-ah
Fog	kalidzine	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	ʃelo	ts-eh-l-oh

Appendix 5 - Word Lists by Language

Wind	vento	v-eh-n-t-oh
Snow	neve	n-ay-v-ay
Ice	dʒelo	VdPalatoAlveolarSibilant-eh-l-oh
Ice-Glacies	gʒatʃa	g-jg-ah-t-ts-ah
Smoke	fumo	f-u-m-oh
Fire-Focus	fwoko	f-w-euh-k-oh
Ash	ʃenere	ts-ay-n-ay-r-ay
Road	via	v-e-ah
Road-Strata	strada	s-t-r-ah-d-ah
Road-Camminus	kammino	k-ah-m-m-e-n-oh
Mountain	monte	m-oh-n-t-ay
Mountain-Montanea	montanna	m-oh-n-t-ah-VdPalatalNasal-VdPalatalNasal-ah
Night	notte	n-euh-t-t-ay
Day	di	d-e
Day-Diurnus	dʒorno	VdPalatoAlveolarSibilant-oh-r-n-oh
Day-Diurnata	dʒornata	VdPalatoAlveolarSibilant-oh-r-n-ah-t-ah
Year	anno	ah-n-n-oh
Name-Nomen	no:me	n-O-m-ay
Tongue	lingwa	l-e-n-g-w-ah
ToDrink	bere	b-ay-er-ay
ToEat-Manducare	mandʒare	m-ah-n-VdPalatoAlveolarSibilant-ah-er-ay
ToBite	mordere	m-euh-r-d-ay-r-ay
ToBite-Morsicare	morsikare	m-oh-r-s-e-k-ah-er-ay
ToSpit-Sputare	sputare	s-p-u-t-ah-er-ay
ToVomit	vomere	v-euh-m-ay-r-ay
ToBlow	soffjare	s-oh-f-f-jg-ah-r-ay
ToBreathe	respirare	r-ay-s-p-e-r-ah-er-ay
ToLaugh	ri:dere	r-E-d-ay-er-ay
ToSee	vedere	v-ay-d-ay-er-ay
ToHear	udire	u-d-e-er-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	konoʃfere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink	kodʒitare	k-oh-VdPalatoAlveolarSibilant-e-t-ah-r-ay
ToThink-Pensare	pensare	p-ay-n-s-ah-er-ay
ToSmell-Sentire	sentire	s-ay-n-t-e-r-ay
ToSmell-Olere	olire	oh-l-e-r-ay
ToSmell-Odorare	odorare	oh-d-oh-r-ah-r-ay
ToSmell-Fragrare	fragrare	f-r-ah-g-r-ah-r-ay
ToFear	temere	t-ay-m-ay-r-ay
ToFear-Tremere	tremare	t-r-ay-m-ah-r-ay
ToSleep	dormire	d-oh-r-m-e-r-ay
ToLive	vivere	v-e-v-ay-r-ay
ToDie	morire	m-oh-r-e-r-ay
ToKill-Adnecare	annegare	ah-n-n-ay-g-ah-r-ay
ToKill-Occidere	utʃidere	u-t-ts-e-d-ay-er-ay
ToFight	puyjare	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	battere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	katʃare	k-ah-t-ts-ah-r-ay
ToHit	pulsare	p-u-l-s-ah-r-ay
ToCut	segare	s-ay-g-ah-r-ay
ToCut-Excurtare	skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	taʎʎa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ʃindere	shh-e-n-d-ay-r-ay
ToSplit-Findere	fendere	f-eh-n-d-ay-r-ay
ToSplit-Partire	partire	p-ah-r-t-e-r-ay
ToSplit-Separare	separare	s-ay-p-ah-r-ah-r-ay

Appendix 5 - Word Lists by Language

ToStab	pundzere	p-u-n-VdPalatoAlveolarSibilant-ay-r-ay
ToStab-lugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	radere	r-ah-d-ay-r-ay
ToScratch-Rasare	rasare	r-ah-s-ah-r-ay
ToDig-Cavare	kavare	k-ah-v-ah-r-ay
ToDig-Excavare	skavare	s-k-ah-v-ah-r-ay
ToSwim	nwotare	n-w-oh-t-ah-er-ay
ToSwim-Navigare	navigare	n-ah-v-e-g-ah-r-ay
ToFly	volare	v-oh-l-ah-er-ay
ToFly-Exvolare	zvolare	zz-v-oh-l-ah-er-ay
ToWalk	kamminare	k-ah-m-m-e-n-ah-er-ay
ToWalk-Mergere	merdzere	m-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWalk-Ambitare	andare	ah-n-d-ah-r-ay
ToCome	venire	v-ay-n-e-er-ay
ToLieAsInABed	estendere	ay-s-t-eh-n-d-ay-r-ay
ToLieAsInABed-lacere	dʒaŋʃe: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-Torque	tɔŋʃere	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	strindzere	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	aŋʃugare	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	impindzere	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	kufire	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

Appendix 5 - Word Lists by Language

ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze	dɟelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay
ToFreeze-Glaciare	gɟatʃʃjare	g-jg-ah-t-ts-jg-ah-r-ay
ToSwell	aumentare	au-m-ay-n-t-ah-r-ay
ToSwell-Inflare	enfiare	ay-n-f-e-ah-r-ay
ToSwell-Conflare	gonfjare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreʃʃere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Brojan	brufjare	b-r-u-ts-ah-r-ay
ToBurn-Cremare	kremare	k-r-ay-m-ah-r-ay
ToBurn-Flammare	fjammare	f-jg-ah-m-m-ah-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Flagrare	flagrare	f-l-ah-g-r-ah-r-ay
ToBurn-Incendere	inʃɛndjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-AncestralClass8	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	mapno	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	grasso	g-r-euh-s-s-oh
Heavy	greve	g-r-eh-v-ay
Heavy-Lurdus	lordo	l-oh-r-d-oh
Small-Pittinus	pittino	p-e-t-ts-e-n-oh
Small-Pitulus	pikkolo	p-e-k-k-oh-l-oh
Short	korto	k-oh-r-t-oh
Short-Brevis	breve	b-r-eh-v-ay
Narrow	angusto	ah-n-g-u-s-t-oh
Narrow-Strictus	stretto	s-t-r-ay-t-t-oh
Thin	minuto	m-e-n-u-t-oh
Thin-Delicatus	delikato	d-ay-l-e-k-ah-t-oh
Thin-Subtilis	sottile	s-oh-t-t-e-l-ay
Warm	kaldo	k-ah-l-d-oh
Cold	freddo	f-r-ay-d-d-oh
Cold-Recens	refente	r-ay-ts-eh-n-t-ay
Full	pje:no	p-jg-Eh-n-oh
New	novo	n-euh-v-oh
Old	vekkjo	v-eh-k-k-jg-oh
Good	bwo:no	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	ɛbete	eh-b-ay-t-ay
DullAsAKnife-Retusus	retuzo	r-ay-t-u-zz-oh
Smooth	soave	s-oh-ah-v-ay

Appendix 5 - Word Lists by Language

Smooth-Nitidus	netto	n-ay-t-t-oh
Wet	umido	u-m-e-d-oh
Dry	sekko	s-ay-k-k-oh
Correct	korretto	k-oh-r-r-ay-t-t-oh
Near	prossimo	p-r-euh-s-s-e-m-oh
Near-Pressus	presso	p-r-eh-s-s-oh
Near-Vicinus	vicino	v-e-ts-e-n-oh
Far	lontano	l-oh-n-t-ah-n-oh
Right-Dextrem	destro	d-eh-s-t-r-oh
Left	sinestro	s-e-n-ay-s-t-r-oh
Red	rosso	r-oh-s-s-oh
Red-Vermiculus	vermicello	v-ay-r-m-e-yuh-yuh-oh
Red-Rubeus	robbio	r-euh-b-b-jg-oh
Green	verde	v-ay-r-d-ay
Yellow-Croceus	giallo	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	quattro	k-w-ah-t-t-r-oh
Five	cinque	ts-e-nya-k-w-ay
Here	qui	k-w-e
There	là	l-ah
There-Ibi	ivi	v-e
Who-Qui	chi	k-e
What	che	k-ay
When-Quando	quando	k-w-ah-n-d-oh
How-Quomodo	come	k-oh-m-ay
Not	non	n-oh-n
Not-Nec	ne	n-ay
At	a	ah
In-In	in	e-n
With-Cum	con	k-oh-n
And-Et	e	ay
And-Si	si	s-e
Because-Quod	quod	k-ay

Brazilian Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nɔjs	n-euh-jg-s
YouPlural	vɔjs	v-euh-jg-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-oh-s-ay
Woman	femeɐ	f-ay-m-ay-ahh
Woman-Mulier	mulɐɐ	m-u-yuh-ay-rr
Woman-Domina	donɐ	d-oh-n-ahh
ManHumanBeing	omɛj	oh-m-ehnj
Child	ifɛj	een-f-ahn-ts-e
Child-Ninnus	nenɛj	n-ay-n-ehnj
Wife	ispoza	e-s-p-oh-zz-ah
Wife-Mulier	mulɐɐ	m-u-yuh-ay-rr
Husband	maridu	m-ah-er-e-d-u
Husband-Sponsus	ispozɐ	e-s-p-oh-zz-u
Mother	mɛj	m-ahnjn

Appendix 5 - Word Lists by Language

Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃɐ	b-e-shh-ahh
Fish-Piskem	peɪʃi	p-ayj-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɐru	p-ah-s-ahh-er-u
Dog	kɛw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛkɐʃi	s-ay-rr-p-ehn-ts-e
Worm	vɛɾmi	v-ay-rr-m-e
Tree	akvori	ah-rr-v-oh-er-e
Forest	sɛwva	s-eh-w-v-ah
Stick	paw	p-ah-w
Fruit	frutɐ	f-er-u-t-ahh
Seed-Sementis	semɛʃi	s-ay-m-ehn-ts-e
Seed-Granum	grɛw	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh
Leaf-Frondea	frɔsɐ	f-er-on-s-ahh
Root	kais	rr-ah-e-s
BarkOfATree	kɔkʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔkʃisɐ	k-oh-rr-ts-e-s-ahh
Flower	floɾ	f-l-oh-rr
Grass	ɛkvɐ	ay-rr-v-ahh
Grass-Gramen	grɛmɐ	g-er-ahn-m-ahh
Rope-Restis	ɛɛʃi	rr-eh-shh-ts-e
Skin	kodʒiɐ	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peli	p-eh-l-e
Meat	kaɾni	k-ah-rr-n-e
Meat-Vivenda	vivɛda	v-e-v-ehn-d-ah
Blood	sɛgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	graʃɐ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kɔɾnu	k-oh-rr-n-u
Tail	kawdɐ	k-ah-w-d-ahh
Feather-Penna	pɛnɐ	p-ay-n-ahh
Hair	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head	kabɛsɐ	k-ah-b-ay-s-ahh
Head-Testa	tɛstɐ	t-eh-s-t-ahh
Ear	ɔɛʎɐ	oh-er-ay-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth	boɾɐ	b-oh-k-ahh
Tooth	dɛʃi	d-ehn-ts-e
Fingernail	ɯɾɐ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛɾnɐ	p-eh-rr-n-ahh
Knee-Geniculum	ʒueʎu	gzah-u-ay-yuh-u
Hand	mɛw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛsɐ	p-ahn-s-ahh
Guts	itɛɾɐ	een-t-er-ahn-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ɪʃpadwɐ	e-shh-p-ah-d-w-ahh
Breast	seju	s-ayj-u
Breast-Pectus	pejtu	p-ayj-t-u

Appendix 5 - Word Lists by Language

Heart	kɔɤ	k-euh-rr
Heart-Anima	awmɐ	ah-w-m-ahh
Liver	figɔdu	f-e-g-ahh-d-u
Sun	sɔw	s-euh-w
Moon	luɐ	l-u-ahh
Star	istrelɐ	e-s-t-er-ay-l-ahh
Water	agwɐ	ah-g-w-ahh
Rain	ʃuvɐ	shh-u-v-ahh
River	flumi	f-l-u-m-e
River-Rivus	ɤiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maɤ	m-ah-rr
Salt	saw	s-ah-w
Stone	sejʃu	s-ayj-shh-u
Stone-Petra	pedrɐ	p-ay-d-er-ahh
Sand	arejɐ	ah-er-ayj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	teɤ	t-ay-rr-ahh
Cloud	nuvẽʃ	n-u-v-ehnʃ
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kaliʒẽʃ	k-ah-l-e-gzah-ehnʃ
Fog-Nebula	nevɔɐ	n-eh-v-w-ahh
Fog-Tenebras	treɔs	t-er-eh-v-ahh-s
Fog-Fumata	fumasɐ	f-u-m-ah-s-ahh
Sky	sɛw	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	sĩʒɛʃ	s-een-zz-ahh-shh
Road	viɐ	v-e-ahh
Road-Strata	istradɐ	e-s-t-er-ah-d-ahh
Road-Camminus	kamĩnu	k-ah-m-een-VdPalatalNasal-u
Mountain	mõʃʃi	m-on-ts-e
Mountain-Montanea	mõteɤɐ	m-on-t-ahn-VdPalatalNasal-ahh
Night	noʃti	n-oj_diphthong-t-eee
Day	diɐ	d-e-ahh
Day-Diurna	ʒɔɤna	gzah-euh-rr-n-ah
Year	ɛnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
Tongue	liɤwɐ	l-een-g-w-ahh
ToDrink	bebeɤ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mẽʒak	m-ahn-gzah-ah-rr
ToBite	moɤdeɤ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musɔga	m-u-s-aah-g-ah
ToSuck	sugaɤ	s-u-g-ah-rr
ToSpit	kuspiɤ	k-u-s-p-e-rr
ToBreathe	ɤespiɤar	rr-ay-s-p-e-er-ah-er
ToLaugh	ɤiɤ	rr-e-rr
ToSee	veɤ	v-ay-rr
ToHear	owviɤ	oh-w-v-e-rr
ToKnow-Sapere	sabeɤ	s-ah-b-ay-rr
ToKnow-Cognoscere	koɤeseɤ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuzitaɤ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pẽsaɤ	p-ehn-s-ah-rr

Appendix 5 - Word Lists by Language

ToSmell-Sentire	sēŋʃik	s-ehn-ts-e-rr
ToSmell-Fragrare	ʃejraʁ	shh-ayj-er-ah-rr
ToFear	temeʁ	t-ay-m-ay-rr
ToFear-Tremere	tremeʁ	t-er-ay-m-ay-rr
ToSleep	doʁmiʁ	d-oh-rr-m-e-rr
ToLive	viveʁ	v-e-v-ay-rr
ToDie	moʁeʁ	m-oh-rr-ay-rr
ToKill-Mactare	mataʁ	m-ah-t-ah-rr
ToFight-Battuere	bateʁ	b-ah-t-ay-rr
ToHunt-Captiare	kasəʁ	k-ah-s-ah-rr
ToHit	puʃaʁ	p-u-shh-ah-rr
ToCut	segaʁ	s-ay-g-ah-rr
ToCut-Curtare	koʁtaʁ	k-oh-rr-t-ah-rr
ToCut-Taliare	taʎaʁ	t-ah-yuh-ah-rr
ToSplit	dʒividʒik	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fēdeʁ	f-ehn-d-ay-rr
ToSplit-Partire	paʁʃik	p-ah-rr-ts-e-rr
ToSplit-Separare	separaʁ	s-ay-p-ah-er-ah-rr
ToStab	pūʒik	p-ooo-gzah-e-rr
ToScratch	ʁaʁeʁ	rr-ah-ay-rr
ToScratch-Rasare	ʁazaʁ	rr-ah-zz-ah-rr
ToScratch-Rasicare	ʁaʃkaʁ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaʎ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	kevaʁ	k-ahh-v-ah-rr
ToDig-Excavare	ifkevaʁ	e-shh-k-ahh-v-ah-rr
ToSwim	nadaʁ	n-ah-d-ah-rr
ToSwim-Navigare	naviʎaʁ	n-ah-v-eee-juh-ah-rr
ToFly	voaʁ	v-oh-ah-rr
ToWalk	kəmiɲaʁ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ēdaʁ	ahn-d-ah-rr
ToCome	viʁ	v-e-rr
ToLieAsInABed	istēdeʁ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ʒeʒeʁ	gzah-ahh-zz-ay-rr
ToSit	seʁ	s-ay-rr
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	ʃtaʁ	eee-shh-t-ah-er
ToStand-Levare	levaʁ	l-ay-v-ah-rr
ToStand-Altiare	alsaʁ	ah-ssha-s-ah
ToTurnIntransitive	toʁnaʁ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrare	ʒiraʁ	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	viʁaʁ	v-e-er-ah-er
ToTurnIntransitive-Torqueare	turser	t-u-r-s-ay-r
ToFall	keiʁ	k-ahh-e-er
ToFall-Tumbare	tōbaʁ	t-on-b-ah-rr
ToGive	daʁ	d-ah-rr
ToGive-Donare	doaʁ	d-oh-ah
ToHold	teʁ	t-ay-rr
ToHold-Segurar	siguraʁ	s-eee-g-u-er-ah-rr
ToSqueeze	ifpʁəmeʁ	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	seʁaʁ	s-ay-rr-ah
ToSqueeze-Serare	siʁaʁ	s-eee-rr-ah-er
ToSqueeze-Appetorare	epirtaʁ	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃtʁiʒir	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iffrigaʁ	eee-shh-f-er-eee-g-ah-er
ToWash	lɛvaʁ	l-ahh-v-ah-er
ToWipe-Exsucare	ɛʃʒaʁ	ehn-shh-u-g-ah-er
ToWipe-Limpidare	liʁaʁ	l-een-p-ah-er

Appendix 5 - Word Lists by Language

ToPull	ŧŧira	ts-e-er-ah
ToPull-Pulsare	puŧar	p-u-shh-ah-er
ToPull-Trahere	traze	t-er-ah-zz-ay
ToThrow	zejt̃ar	gzah-ayj-t-ah-er
ToThrow-Lanceare	l̃esa	l-ahn-s-ah
ToTie-Aptare	et̃ar	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	k̃etar	k-ahn-t-ah-er
ToPlay-Jiocare	zogã	gzah-oh-g-ah-rr
ToFloat	flutuã	f-l-u-t-u-ah-rr
ToFlow	flwĩ	f-l-w-e-rr
ToFlow-Colare	koã	k-oh-ah-rr
ToFlow-Excurrere	iŧkovẽ	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	kovẽ	k-oh-rr-ay-rr
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	augmentar	au-g-m-ay-n-t-ah-er
ToSwell-Inflare	ĩŧar	een-shh-ah-er
ToSwell-Intumescere	ĩtumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kresẽ	k-er-ay-s-ay-rr
ToBurn-Cremare	kejm̃are	k-ahhj-m-ah-er-ay
ToBurn-Ardere	ãdẽ	ah-rr-d-ay-rr
ToBurn-Flagrare	flag̃ã	f-l-ah-g-rr-ah-rr
ToBurn-Incendere	ĩsendz̃iar	een-s-ay-n-VdPalatoAlveolarSibilant-I-ah-er
All-Totus	todu	t-oh-d-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	t̃etu	t-ahn-t-u
Some	awgũ	ah-w-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aw	ah-w
Big-Grandem	gr̃ẽdz̃i	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lōgu	l-on-g-u
Long-Largum	lãgu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ẽŧu	ahn-shh-u
Thick-Spissum	ĩspẽsu	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	kugtu	k-u-rr-t-u
Short-Brevis	br̃evi	b-er-eh-v-e
Narrow-Strictus	istrejt̃u	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	sut̃ŧiw	s-u-ts-e-w
Warm	kawdu	k-ah-w-d-u
Cold	friu	f-er-e-u
Cold-Recens	kes̃ẽŧĩ	rr-ay-s-ehn-ts-e
Full	ŧeju	shh-ahhj-u
New	novu	n-oh-v-u
Old	ṽej̃lu	v-ahhj-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w

Appendix 5 - Word Lists by Language

Rotten-Putrem	podri	p-oh-d-er-e
Dirty	sordidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ispurku	e-s-p-u-er-k-u
Straight	dʒirejtu	VdPalatoAlveolarSibilant-e-er-ayj-t-u
Round	ʁedõdu	rr-ay-d-on-d-u
Smooth-Nitidus	nẽdʒu	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	seʃtru	s-eh-shh-t-er-u
Red	ʁoʃʊ	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	veʁmeʎu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ẽmarelu	ahh-m-ah-er-eh-l-u
White	awvu	ah-w-v-u
One	ũ	ooo
Two-Duos	dojs	d-oj_diphthong-s
Two-Duas	duɐs	d-u-ahh-s
Three	tres	t-er-ay-s
Four	kwatru	k-w-ah-t-er-u
Five	sĩku	s-een-k-u
Here	aki	ah-k-e
There	la	l-ah
There-Adlbi	ai	ah-e
Who-Quem	kẽj	k-ehnj
What	ki	k-e
When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw	n-au_diphthong_nasal
Not-Nec	nẽj	n-ehnj
At	a	ah
In-In	ẽj	ehnj
With-Cum	kõ	k-on
And-Et	i	e
And-Si	sĩ	s-een
Because-Quod	ki	k-e

Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	noʃ	n-euh-shh
YouPlural	voʃ	v-oh-shh
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-euh-s-ay
Woman	femjɐ	f-ay-m-jg-ahh
Woman-Mulier	muʎer	m-u-yuh-ay-er
Woman-Domina	donɐ	d-oh-n-ahh
ManHumanBeing	omẽj	euh-m-ehnj
Child	ĩfẽti	een-f-ahn-t-eee
Child-Ninnus	nenẽj	n-ay-n-ehnj
Wife	ĩʃpozɐ	eee-shh-p-oh-zz-ahh
Wife-Mulier	muʎer	m-u-yuh-ay-er
Husband	mɛriðu	m-ahh-er-e-dd-u

Appendix 5 - Word Lists by Language

Husband-Sponsus	ifpozu	eee-shh-p-oh-zz-u
Mother	mēj	m-ahnjn
Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃe	b-e-shh-ahh
Fish-Piskem	pɛjʃi	p-ahhj-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasɛru	p-ah-s-ahh-er-u
Dog	kēw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sirpēti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	sɛʎvɛ	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frutɛ	f-er-u-t-ahh
Seed-Sementis	simēti	s-eee-m-ehn-t-eee
Seed-Granum	grēw	g-er-au_diphthong_nasal
Leaf	foʎvɛ	f-oh-yuh-ahh
Leaf-Frondea	frōsɛ	f-er-on-s-ahh
Root	ʁɛjʃ	rr-ahh-e-shh
BarkOfATree	kɔrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtisɛ	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	ɛrvɛ	eh-er-v-ahh
Grass-Gramen	grɛmɛ	g-er-ahh-m-ahh
Rope-Restis	ʁɛʃti	rr-ay-shh-t-eee
Skin	kodie	k-oh-d-e-ahh
Skin-Pellis	peli	p-ay-l-eee
Meat	karni	k-ah-er-n-eee
Meat-Vivenda	vivēde	v-e-v-ehn-d-ahh
Blood	sɛqi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun-Crassia	grafɛ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kornu	k-oh-er-n-u
Tail	kawdɛ	k-ah-w-d-ahh
Feather-Penna	pene	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	kɛβelu	k-ahh-bb-ay-l-u
Head	kɛβesɛ	k-ahh-bb-ay-s-ahh
Head-Testa	tɛʃtɛ	t-eh-shh-t-ahh
Ear	oɛjʎvɛ	oh-er-ahhj-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	nɛriʃ	n-ahh-er-e-shh
Mouth	boke	b-oh-k-ahh
Tooth	dēti	d-ehn-t-eee
Fingernail	uɲɛ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛmɛ	p-eh-er-n-ahh
Knee-Geniculum	ʒwɛʎu	gzah-w-ahh-yuh-u
Hand	mēw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pēsɛ	p-ahn-s-ahh
Guts	ētrɛɲɛ	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ifpadwɛ	e-shh-p-ah-d-w-ahh

Appendix 5 - Word Lists by Language

Breast	seju	s-ahhj-u
Breast-Pectus	pejtu	p-ahhj-t-u
Heart	kor	k-oh-er
Heart-Anima	almə	ah-l-m-ahh
Liver	fiyəðu	f-e-juh-ahh-dd-u
Sun	soł	s-euh-ssha
Moon	luə	l-u-ahh
Star	iftrele	eee-shh-t-er-ay-l-ahh
Water	agwe	ah-g-w-ahh
Rain	fuve	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	riu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sejfu	s-ahhj-shh-u
Stone-Petra	peðre	p-eh-dd-er-ahh
Sand	ereje	ahh-er-ahhj-ahh
Sand-Sabulum	sajbru	s-aj-bb-er-u
Dust-Pulwus	pə	p-euh
Earth	teke	t-eh-rr-ahh
Cloud	nuvẽj	n-u-v-ahnjn
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	keli3ẽj	k-ahh-l-e-gzah-ahnjn
Fog-Nebula	nevwe	n-eh-v-w-ahh
Fog-Tenebras	trevef	t-er-eh-v-ahh-shh
Fog-Fumata	fumasə	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vētu	v-ehn-t-u
Snow	nevi	n-eh-v-eee
Smoke	fumu	f-u-m-u
Fire-Focus	foyu	f-oh-juh-u
Ash-Cinisia	sizẽf	s-een-zz-ahh-shh
Road	vie	v-e-ahh
Road-Strata	iftraðe	e-shh-t-er-ah-dd-ahh
Road-Camminus	kemiju	k-ahh-m-e-VdPalatalNasal-u
Mountain	mōti	m-on-t-eee
Mountain-Montanea	mōteje	m-on-t-ahh-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diə	d-e-ahh
Day-Diurna	3əna	gzah-euh-rr-n-ah
Year	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
Tongue	liqwe	l-een-g-w-ahh
ToDrink	bißer	b-eee-bb-ay-er
ToEat	kumer	k-u-m-ay-er
ToEat-Manducare	mēzar	m-ahn-gzah-ah-er
ToBite	murðer	m-u-er-dd-ay-er
ToBite-Morsicare	musəgar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	kuʃpir	k-u-shh-p-e-er
ToBreathe	ʁiʃpirar	rr-eee-shh-p-e-er-ah-er
ToLaugh	ʁir	rr-e-er
ToSee	ver	v-ay-er
ToHear	owvir	oh-w-v-e-er
ToKnow-Sapere	seber	s-ahh-b-ay-er
ToKnow-Cognoscere	kupiser	k-u-VdPalatalNasal-eee-s-ay-er

Appendix 5 - Word Lists by Language

ToThink	kuzitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	pēsar	p-ehn-s-ah-er
ToSmell-Sentire	sētir	s-ehn-t-e-er
ToSmell-Fragrare	fějrar	shh-ahhj-er-ah-er
ToFear	timer	t-eee-m-ay-er
ToFear-Tremere	trimer	t-er-eee-m-ay-er
ToSleep	durmir	d-u-er-m-e-er
ToLive	viver	v-e-v-ay-er
ToDie	muker	m-u-rr-ay-er
ToKill-Mactare	metar	m-ahh-t-ah-er
ToFight-Battuere	beter	b-ahh-t-ay-er
ToHunt-Captiare	kesar	k-ahh-s-ah-er
ToHit	pufar	p-u-shh-ah-er
ToCut	siyar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	təlar	t-ahh-yuh-ah-er
ToSplit	diviðir	d-e-v-e-dd-e-er
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	køzar	rr-ahh-zz-ah-er
ToScratch-Rasicare	køjkar	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	kəvar	k-ahh-v-ah-er
ToDig-Excavare	ifkəvar	e-shh-k-ahh-v-ah-er
ToSwim	nəðar	n-ahh-dd-ah-er
ToSwim-Navigare	neviyar	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er
ToWalk	kəminar	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ēdar	ahn-d-ah-er
ToCome	vir	v-e-er
ToLieAsInABed	iftēder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zøzer	gzah-ahh-zz-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	iftar	eee-shh-t-ah-er
ToStand-Levare	livar	l-eee-v-ah-er
ToStand-Altiare	ałsar	ah-ssha-s-ah-er
ToTurnIntransitive	turnar	t-u-er-n-ah-er
ToTurnIntransitive-Gyrate	zirar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zirar	gzah-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	køir	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	ifprømer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	səkar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sikar	s-eee-rr-ah-er
ToSqueeze-Appetoreare	əpirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əstrizir	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

Appendix 5 - Word Lists by Language

ToWipe-Exsucare	ēṣuṣar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	līpar	l-een-p-ah-er
ToPull	tīrar	t-e-er-ah-er
ToPull-Pulsare	pūṣar	p-u-shh-ah-er
ToPull-Trahere	trēzer	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ayj-t-ah-er
ToThrow-Lanceare	lēsar	l-ahn-s-ah-er
ToTie-Aptare	ētar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kōtar	k-on-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kētar	k-ahn-t-ah-er
ToPlay-Jiocare	zuyar	gzah-u-juh-ah-er
ToFloat	flutuar	f-l-u-t-u-ah-er
ToFlow	flwir	f-l-w-e-er
ToFlow-Colare	kuar	k-u-ah-er
ToFlow-Excurrere	ijkurer	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kuzer	k-u-rr-ay-er
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	augmentar	au-g-m-ay-n-t-ah-er
ToSwell-Inflare	īṣar	een-shh-ah-er
ToSwell-Intumescere	ītumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriṣer	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmake	k-ayj-m-ah-rr-ay
ToBurn-Ardere	erder	ahh-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	īsēdjar	een-s-ehn-d-jg-ah-er
All-Totus	toḍu	t-oh-dd-u
Many	mūjtu	m-ooo-jn-t-u
Many-Tantus	tētū	t-ahn-t-u
Some	aṭgū	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aṭ	ah-ssha
Big-Grandem	grēdi	g-er-ahn-d-eee
Long-Longum	lōgu	l-on-g-u
Long-Largum	largu	l-ah-er-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ēṣu	ahn-shh-u
Thick	grāfu	g-er-ah-shh-u
Thick-Spissum	iṣpesu	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	brēvi	b-er-eh-v-eee
Narrow-Strictus	īṣtrējtu	eee-shh-t-er-ahhj-t-u
Thin	miuḍu	m-e-u-dd-u
Thin-Delicatus	deṭyaḍu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	suṭṭiw	s-u-ts-e-w
Warm	kaldū	k-ah-l-d-u
Cold	friu	f-er-e-u
Cold-Recens	kesēṭṭi	rr-ay-s-ehn-ts-e
Full	ṣeju	shh-ahhj-u
New	novu	n-oh-v-u

Appendix 5 - Word Lists by Language

Old	veʎu	v-ay-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w
Rotten-Putrem	poðri	p-oh-dd-er-eee
Dirty	sordidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ifpurku	e-shh-p-u-er-k-u
Straight	dirɛjtu	d-e-er-ahhj-t-u
Round	ʁidōdu	rr-eee-d-on-d-u
SharpAsAKnife	ɛyʊðu	ahh-juh-u-dd-u
Smooth-Nitidus	nedʒu	n-eh-VdPalatoAlveolarSibilant-u
Dry	seku	s-ay-k-u
Near	prosimu	p-er-oh-s-e-m-u
Near-Vicinus	viziju	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	dɛjtru	d-eh-shh-t-er-u
Left	sɛjtru	s-eh-shh-t-er-u
Red	ʁoʃu	rr-oh-shh-u
Red-Vermiculus	viɾmɛjʎu	v-eee-er-m-ahhj-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɛmɛɾɛlu	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	duɐʃ	d-u-ahh-shh
Three	trejʃ	t-er-ay-shh
Four	kwatru	k-w-ah-t-er-u
Five	sĩku	s-een-k-u
Here	ɛki	ahh-k-e
There	la	l-ah
There-Adlbi	ɛi	ahh-e
Who-Quem	kɛj	k-ahnjn
What	ki	k-eee
When-Quando	kwɛdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nɛw	n-au_diphthong_nasal
Not-Nec	nɛj	n-ahnjn
At	ɛ	ahh
In-In	ɛj	ahnjn
With-Cum	kō	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
ManHumanBeing	ɔmə	euh-m-aah
Child-Ninnus	nen	n-ay-n
Wife	əspəzə	aah-s-p-euh-zz-aah

Appendix 5 - Word Lists by Language

Wife-Mulier	muʎe	m-u-yuh-ay
Husband	marit	m-ah-er-e-t
Husband-Sponsus	æspəs	aah-s-p-euh-s
Mother	marə	m-ah-er-aah
Father	parə	p-ah-er-aah
Fish-Piskem	peʃ	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Avicellum	useʎ	u-s-ay-yuh
Dog	ka	k-ah
Louse	poʎ	p-oh-yuh
Snake	sərpen	s-aah-r-p-ay-n
Worm	vɛrm	v-eh-er-m
Tree	abrə	ah-b-er-aah
Forest	selba	s-ay-l-b-ah
Stick	pal	p-ah-l
Fruit	frujt	f-er-u-jg-t
Seed-Sementis	səmen	s-aah-m-ay-n
Seed-Granum	gra	g-er-ah
Leaf	fuʎə	f-u-yuh-aah
Root	ərel	aah-r-eh-l
BarkOfATree-Skortea	əskørsə	aah-s-k-euh-r-s-aah
Flower	flə	f-l-euh
Grass	erbə	ay-r-b-aah
Grass-Gramen	gram	g-er-ah-m
Skin	konnə	k-oh-n-n-aah
Skin-Pellis	peʎ	p-ay-yuh
Meat	karn	k-ah-r-n
Blood	saŋ	s-ah-nya
Bone	əs	euh-s
FatNoun-Crassia	greʃ	g-er-ay-shh
Egg	ow	euh-w
Horn	körn	k-euh-r-n
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	peɲə	p-eh-VdPalatalNasal-aah
Hair	pəl	p-eh-l
Hair-Capillus	kəbeʎ	k-aah-b-eh-yuh
Head	kap	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	ureʎə	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	ʒənoʎ	gzah-aah-n-oh-yuh
Wing	alə	ah-l-aah
Belly	bentrə	b-ay-n-t-er-aah
Belly-Pantex	paɲʃə	p-ah-VdPalatalNasal-shh-aah
Guts	əntrəɲə	aah-n-t-er-ah-VdPalatalNasal-aah
Neck	kəʎ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaʎʎə	aah-s-p-ah-yuh-yuh-aah
Breast	si	s-e
Breast-Pectus	pit	p-e-t

Appendix 5 - Word Lists by Language

Heart	kør	k-euh-r
Liver	fedʒə	f-ay-VdPalatoAlveolarSibilant-aah
Sun	səl	s-euh-l
Moon	ʎunə	yuh-u-n-aah
Star	əstel	aah-s-t-eh-l
Water	ajɣwə	aj-juh-w-aah
Rain	pluzə	p-l-u-gzah-aah
River-Rivus	riw	r-e-w
Lake	ʎak	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	pols	p-oh-l-s
Earth	terə	t-eh-r-aah
Cloud-Secondary	nuβul	n-u-bb-u-ssha
Fog-Nebula	newlə	n-ay-w-l-aah
Fog-Tenebras	tənebrəs	t-aah-n-ay-b-cr-aah-s
Sky	sel	s-eh-l
Wind	ben	b-ay-n
Snow	new	n-ay-w
Ice	ʒel	gzah-eh-ssha
Ice-Glacies	glas	g-l-ah-s
Smoke	fum	f-u-m
Fire-Focus	fək	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	muntapə	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	aɲ	ah-VdPalatalNasal
Name-Nomen	nəm	n-euh-m
ToDrink	bewrə	b-eh-w-er-aah
ToEat-Manducare	məɲʒa	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəɣa	m-u-s-aah-juh-ah
ToSpit-Exconspuere	əskupi	aah-s-k-u-p-e
ToBreathe	rəspira	r-aah-s-p-e-er-ah
ToLaugh	riwrə	r-e-w-er-aah
ToSee	bewrə	b-eh-w-er-aah
ToHear	ui	u-e
ToKnow-Sapere	səβe	s-aah-bb-eh
ToKnow-Cognoscere	kunɛʃə	k-u-n-eh-shh-aah
ToThink	kujda	k-u-jg-d-ah
ToThink-Pensare	pənsa	p-aah-n-s-ah
ToSmell-Sentire	sənti	s-aah-n-t-e
ToSmell-Olere	ulura	u-l-u-er-ah
ToSmell-Fragrare	fləjra	f-l-aah-jg-er-ah
ToFear	temə	t-ay-m-aah
ToSleep	durmi	d-u-r-m-e
ToLive	biwrə	b-e-w-er-aah
ToDie	muri	m-u-er-e
ToKill	nəga	n-aah-g-ah
ToKill-Mactare	məta	m-aah-t-ah

Appendix 5 - Word Lists by Language

ToKill-Occidere	uksi	u-k-s-e
ToFight	pupa	p-u-VdPalatalNasal-ah
ToFight-Battuere	batrə	b-ah-t-er-aah
ToHunt-Captiare	kəsa	k-aah-s-ah
ToCut	səya	s-aah-juh-ah
ToCut-Taliare	təla	t-aah-yuh-ah
ToSplit	dibidi	d-e-b-e-d-e
ToSplit-Findere	fendrə	f-eh-n-d-er-aah
ToSplit-Partire	pəti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab	pupi	p-u-VdPalatalNasal-e
ToScratch	rawrə	r-ah-w-er-aah
ToScratch-Rasare	rəza	r-aah-zz-ah
ToScratch-Rasicare	rəska	r-aah-s-k-ah
ToDig-Cavare	kəba	k-aah-b-ah
ToSwim	nəda	n-aah-d-ah
ToSwim-Navigare	nəbəga	n-aah-b-aah-g-ah
ToFly	bula	b-u-l-ah
ToWalk	kəmina	k-aah-m-e-n-ah
ToCome	bəni	b-aah-n-e
ToLieAsInABed	əstendrə	aah-s-t-ay-n-d-er-aah
ToLieAsInABed-lacere	zawrə	gzah-ah-w-er-aah
ToStand	əsta	aah-s-t-ah
ToStand-Levare	ləba	yuh-aah-b-ah
ToStand-Altiare	əlsa	aah-l-s-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Gyrare	zira	gzah-e-er-ah
ToTurnIntransitive-AncestralClass3	bira	b-e-er-ah
ToTurnIntransitive-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-er-ah
ToPull-Trahere	təwrə	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

Appendix 5 - Word Lists by Language

ToFlow-Colare	kula	k-u-ssha-ah
ToFlow-Excurrere	askorə	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	augmenta	ah-u-g-m-ay-n-t-ah
ToSwell-Inflare	imfla	e-m-f-l-ah
ToSwell-Crescere	kreʃə	k-er-ay-shh-aah
ToBurn-Cremare	krəma	k-r-aah-m-ah
ToBurn-Flammare	flama	f-ssha-ah-m-ah
ToBurn-Incendere	ənsendrə	aah-n-s-ay-n-d-er-aah
All-Totus	tot	t-oh-t
Many	mol	m-oh-l
Many-Tantus	tant	t-ah-n-t
Some	əlgʊ	aah-l-g-u
Few	pək	p-euh-k
Other	altrə	ah-l-t-er-aah
Big-Grandem	gran	g-r-ah-n
Long-Longum	ʎoŋ	yuh-oh-nya
Long-Largum	ʎark	yuh-ah-er-k
Wide-Amplum	amplə	ah-m-p-l-aah
Thick	gras	g-er-ah-s
Thick-Spissum	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	mənʊt	m-aah-n-u-t
Thin-Delicatus	dəlikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Warm	kaʎ	k-ah-ssha
Cold	fret	f-er-eh-t
Full	pʎe	p-ssha-eh
New	nəw	n-euh-w
Old	veʎ	v-ay-yuh
Good	bən	b-euh-n
Bad	mal	m-ah-l
Rotten	puðrit	p-u-dd-er-e-t
Straight	dret	d-er-eh-t
Round	rədo	r-aah-d-oh
SharpAsAKnife	əgut	aah-g-u-t
Smooth	suaw	s-u-ah-w
Smooth-Nitidus	net	n-eh-t
Dry	sek	s-eh-k
Near	proizme	p-er-oh-e-zz-m-ay
Near-AdPrope	əprəp	aah-p-er-euh-p
Near-Vicinus	bəi	b-aah-e
Far	ʎunta	yuh-u-n-t-ah
Right-Dextrem	destrə	d-ay-s-t-er-aah
Red	ros	r-oh-s
Red-Vermiculus	bərməʎ	b-aah-r-m-eh-yuh
Red-Rubeus	rudʒe	r-u-VdPalatoAlveolarSibilant-ay
Green	vərt	v-eh-er-t
Yellow-Croceus	grək	g-er-euh-k
White	alb	ah-l-b

Appendix 5 - Word Lists by Language

One	un	u-n
Two-Duos	dos	d-oh-s
Three	trɛs	t-r-eh-s
Four	kwatrə	k-w-ah-t-er-aah
Five	siŋk	s-e-nya-k
Here	aki	ah-k-e
There	əʎa	aah-yuh-ah
Who-Qui	ki	k-e
What	kɛ	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	kɔm	k-euh-m
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	ən	aah-n
In-Deintus	dins	d-e-n-s
And-Et	i	e
And-Si	si	s-e
Because-Quod	kə	k-aah

Walloon

Cognate	IPA	Sounds
I	dʒɪ	VdPalatoAlveolarSibilant-I
We	no	n-oh
YouPlural	vos	v-oh-s
YouSingular	ty	t-eeh
Woman	fœm	f-uuh-m
Woman-Domina	dœm	d-uuh-m
ManHumanBeing	ɔm	euh-m
Child	ɛfɑ	eh-f-Nasala
Mother	mɛr	m-ay-VIUvularTrill
Father	pɛ:r	p-Eh-r
Fish-Pescion	pehɔ	p-eh-h-on
Bird-Avicellum	u:hɛ:	U-h-Eh
Dog	ʃɛ	ts-ehn
Louse	pju	p-jg-u
Snake	sjɛkpɛ	s-jg-eh-rr-p-ehn
Worm	vjɛr	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-euh-jg
Root-Radicina	resɛn	VIUvularTrill-eh-s-eh-n
BarkOfATree-Skortea	skwas	s-k-w-ah-s
Flower	flɔ:r	f-l-o-rr
Grass	jɛp	jg-eh-p
Skin-Pellis	pja	p-jg-ah
Meat	ʃɔ:	ts-LongOpenMidBackRounded
Blood	sɔ:g	s-OOO-g
Bone	ɔʃ	euh-shh
FatNoun-Crassia	krɔ:ç	k-VIUvularTrill-LongOpenMidBackRounded-sh
Egg	u:	U
Horn	kwɛn	k-w-eh-n
Tail	kɔw	k-euh-w

Appendix 5 - Word Lists by Language

Feather	plɒm	p-l-euh-m
Feather-Penna	pen	p-ay-n
Hair-Capillus	ʃivja	ts-e-v-jg-ah
Head-Testa	ʃes	ts-eh-s
Ear	ɔraj	euh-VIUvularTrill-aj
Eye	u:j	U-jg
Nose	ne	n-ay
Mouth	bɒk	b-euh-k
Mouth-Gula	gø:j	g-o-jg
Tooth	dē	d-ehn
Fingernail	ōg	on-g
Foot	pi:	p-E
Leg-Gamba	dʒāp	VdPalatoAlveolarSibilant-an-p
Knee-Geniculum	dʒino	VdPalatoAlveolarSibilant-e-n-euh
Hand	mē	m-ehn
Wing	el	ay-l
Belly	vēt	v-ehnn-t
Belly-Pantex	pās	p-an-s
Back	dɔ	d-euh
Back-Spatula	spal	s-p-ah-l
Heart	ku:ɤ	k-U-rr
Heart-Anima	ɔ:m	LongOpenMidBackRounded-m
Liver	fø:t	f-o-t
Sun	sɔlɔ	s-euh-l-euh
Moon	løn	l-uu-n
Star	stø:l	s-t-o-l
Water	ɛ:w	Eh-w
Rain	plu:ɤ	p-l-U-rr
River-Riparia	rivi:ɤ	r-e-v-E-rr
Lake	lak	l-ah-k
Sea	meɤ	m-ay-rr
Salt	se	s-ay
Stone-Petra	pi:ɤ	p-E-rr
Sand-Sabulum	so:vjō	s-O-v-jg-on
Earth	tɛ:ɤ	t-Eh-rr
Sky	si:ɤ	s-E-rr
Wind	vē	v-ehn
Snow	ni:f	n-E-f
Ice-Glacies	gles	g-l-eh-s
Fire-Focus	fø:	f-o
Ash	sē:d	s-LongNasalE-d
Mountain-Montanea	mōtap	m-on-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	dʒu:	VdPalatoAlveolarSibilant-U
Day-Diurnus	dʒu:	VdPalatoAlveolarSibilant-U
Year	ā	NasalA
Name-Nomen	nō	n-on
Tongue	lēu	l-ehnun
ToDrink	bø:ɤ	b-o-rr
ToEat-Manducare	mapi:	m-ah-VdPalatalNasal-E
ToSuck	sysi:	s-eeh-s-E
ToVomit	vo:mi	v-O-m-e
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ki:ɤ	rr-E-rr
ToSee	vi:r	v-E-VIUvularTrill
ToHear	ōr	on-VIUvularTrill
ToKnow-Sapere	savø:r	s-ah-v-o-VIUvularTrill

Appendix 5 - Word Lists by Language

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	vole	v-euh-l-ay
ToWalk	ʃimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:rtʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-lacere	dʒere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	ɛs	eh-s
ToStand-Levare	lɔve	l-aah-v-ay
ToStand-Altiare	hɔ:si:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:rne	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	viɛ	v-e-rr-ay
ToFall	ʃɛ:r	ts-Eh-VIUvularTrill
ToFall-Tumbare	tume	t-u-m-ay
ToGive-Donare	dine	d-e-n-ay
ToHold	tini	t-e-n-e
ToSqueeze-Serare	sere	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-g-ay
ToRub	froj	f-r-ɔj_diphthong
ToRub-Frictare	fɔte	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	suwe	s-u-w-ay
ToPull	tire	t-e-r-ay
ToPull-Pulsare	pu:si:	p-U-s-E
ToThrow	dʒete	VdPalatoAlveolarSibilant-eh-t-ay
ToThrow-Lanceare	lanci:	l-ah-n-tya-E
ToTie	lɔji:	l-euh-jg-E
ToSew	kɔ:z	k-o-zz
ToCount	kɔte	k-on-t-ay
ToSay	di:ɣ	d-E-rr
ToSing-AncestralClass	ʃɛte	ts-NasalA-t-ay
ToPlay-Jiocare	dʒuwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	kɔle	k-euh-l-ay
ToFlow-Currere	kɔri	k-euh-VIUvularTrill-e
ToFreeze	dʒale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell-Inflare	ɛfle	ehn-f-l-ay
ToSwell-Conflare	gɔfle	g-on-f-l-ay
ToBurn-Brojan	bɔu:le	b-rr-U-l-ay
All-Totus	tɔ	t-euh
Few	pɔ	p-on
Other	ɔt	on-t
Big-Grandem	gɔã	g-rr-NasalA
Long-Longum	lɔ	l-on
Thick-Spissum	spe	s-p-eh
Heavy	grav	g-r-ah-v
Small	piti	p-e-t-e
Short	ku:ɣ	k-U-rr

Appendix 5 - Word Lists by Language

Short-Brevis	bʁɛf	b-rr-ay-f
Narrow-Strictus	stʁø:	s-t-rr-o
Thin	minu	m-e-n-u
Thin-Subtilis	su:ti	s-U-t-e
Warm	ʃð	ts-on
Cold	frwɛ	f-VIUvularTrill-w-eh
Full	plɛ	p-l-ehn
New	nɔvɛ	n-euh-v-eh
Old	vi:	v-E
Good	bō	b-on
Bad	mɔ:	m-LongOpenMidBackRounded
Straight	drø:	d-r-o
Round	rō	r-on
Dry	sɛʃ	s-eh-ts
Near-Pressus	prɛ	p-r-eh
Near-Vicinus	viʒɛ	v-e-gzah-ehn
Red-Rubeus	rɔʃ	r-euh-ts
Green	vɛʁ	v-eh-rr
Yellow	dʒɛn	VdPalatoAlveolarSibilant-eh-n
One	ō	on
Two-Duos	dø:	d-o
Three	trø:	t-r-o
Four	kwat	k-w-ah-t
Five	sɛk	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	kɔmɛ	k-euh-m-ehnn
Not	nō	n-oon
Not-Nec	nɛ	n-ehn
At	a	ah
With-Abhoc	avu	ah-v-u
And-Et	ɛ	eh
And-Si	si	s-e
Because-Quod	ki:	k-E

Friulian

Cognate	IPA	Sounds
I	jo	jg-oh
We	no:	n-O
YouPlural	vo:	v-O
YouSingular	tu	t-u
Woman	femine	f-eh-m-e-n-eh
Woman-Mulier	mui:r	m-u-E-r
Woman-Domina	dɔne	d-euh-n-ay
ManHumanBeing	ɔm	euh-m
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	pɛs	p-eh-s

Appendix 5 - Word Lists by Language

Bird-Avicellum	uffjel	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	semenffe	s-ay-m-eh-n-ts-eh
Seed-Granum	gran	g-r-ah-n
Leaf	fwee	f-w-ay-ay
BarkOfATree-Skorte	skwartse	s-k-w-ah-r-VAlveolarSibilantAffricate-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	kode	k-euh-d-eh
Feather	plume	p-l-u-m-eh
Feather-Penna	pene	p-eh-n-ay
Hair	pe:l	p-ai-l
Hair-Capillus	cavej	tya-ah-v-ayj
Head	ca:f	tya-A-f
Head-Testa	teste	t-eh-s-t-ay
Ear	orele	oh-r-ay-l-ay
Eye	voli	v-oh-l-e
Nose	na:s	n-A-s
Mouth	bocce	b-euh-tya-eh
Mouth-Gula	gole	g-euh-l-ay
Tooth	dint	d-e-n-t
Fingernail	onggule	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	dzenoli	VdPalatoAlveolarSibilant-ay-n-oh-l-e
Hand	manj	m-ah-nya
Wing	ale	ah-l-ay
Belly	vintri	v-e-n-t-r-e
Belly-Pantex	pantse	p-ah-n-VAlveolarSibilantAffricate-ay
Neck	kwel	k-w-eh-l
Back	dwes	d-w-ay-s
Back-Spatula	spale	s-p-ah-l-eh
Breast	sen	s-ay-n
Breast-Pectus	pet	p-eh-t
Heart	ku:r	k-U-r
Heart-Anima	anime	ah-n-e-m-ay
Liver	fija:t	f-e-jg-A-t
Sun-Soliculus	soreli	s-oh-r-ay-l-e
Moon	lune	l-u-n-ay
Star	stele	s-t-eh-l-ay
Water	age	ah-g-ay
Rain	ploje	p-l-oh-jg-ay
River	flum	f-l-u-m

Appendix 5 - Word Lists by Language

Lake	la:t	l-A-t
Sea	ma:r	m-A-r
Salt	sa:l	s-A-l
Stone-Petra	pje:re	p-jg-ai-r-ay
Sand-Sabulum	savalɔn	s-ah-v-ah-l-euh-n
Dust	pɔlvar	p-euh-l-v-ah-r
Earth	tjere	t-jg-eh-r-ay
Cloud-Secondary	nu:l	n-U-l
Fog-Fumata	fumate	f-u-m-ah-t-ay
Sky	tʃi:l	ts-E-l
Wind	'vint	v-e-n-t
Snow	ne:f	n-ai-f
Ice-Glacies	glatʃe	g-l-ah-ts-ay
Smoke	fum	f-u-m
Fire-Focus	fu:k	f-U-k
Ash-Cinisia	tʃinize	ts-e-n-e-zz-eh
Mountain	mɔnt	m-euh-n-t
Mountain-Montanea	mɔntape	m-euh-n-t-ah-VdPalatalNasal-ay
Night	not	VdPalatalNasal-euh-t
Day	di	d-e
Day-Diurnata	ɖɔrnade	VdPalatoAlveolarAffricate-oh-r-n-ah-d-ay
Year	aŋ	ah-nya
Name-Nomen	nɔŋ	n-euh-nya
Tongue	'lengɛ	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	kɔposi	k-oh-VdPalatalNasal-oh-s-e
ToThink-Pensare	peŋsa:	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	maʃa:	m-ah-ts-A
ToFight-Battuere	bati	b-ah-t-e
ToHunt-Captiare	caʃa:	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

Appendix 5 - Word Lists by Language

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	viji:	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	altfa:	ah-l-t-shh-A
ToTurnIntransitive	torna:	t-oh-r-n-A
ToTurnIntransitive-Gyrate	džira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	džira:	VdPalatoAlveolarSibilant-e-r-A
ToFall	ffjade	ts-jg-ah-d-ay
ToGive	da:	d-A
ToGive-Donare	dona:	d-oh-n-A
ToHold	tinji	t-e-n-jg-e
ToSqueeze	esprimi	ay-s-p-r-e-m-e
ToSqueeze-Stringere	strengi:	s-t-r-eh-n-g-E
ToRub	frea	f-r-ay-ah
ToWash	lava:	l-ah-v-A
ToWipe-Exsucare	suja:	s-u-jg-A
ToPull	tira:	t-e-r-A
ToPull-Pulsare	pulsa:	p-u-l-s-A
ToPull-Trahere	traj	t-r-aj
ToThrow-Lanceare	lanfja:	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	džuja:	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-Inflate	enfla:	ay-n-f-l-A
ToSwell-Conflate	zgloŋfa:	zz-g-l-oh-nya-f-A
ToBurn-Brojan	bruza:	b-r-u-zz-A
ToBurn-Flammare	flama:	f-l-ah-m-A
All-Totus	dut	d-u-t
Many	molc	m-oh-l-tya
Many-Tantus	tanc	t-ah-n-tya
Few	po:k	p-O-k
Other	altri	ah-l-t-r-e
Big-Grandem	grant	g-r-ah-n-t
Long-Longum	lunk	l-u-n-k
Long-Largum	lark	l-ah-r-k
Thick	gras	g-r-ah-s
Thick-Grossum	grwəs	g-r-w-eh-s
Heavy	grevi	g-r-eh-v-e
Small-Pitulus	piŋful	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

Appendix 5 - Word Lists by Language

Cold	fre:t	f-r-ai-t
Cold-Recens	retsint	r-ay-VlAlveolarSibilantAffricate-e-n-t
Full	plɛn	p-l-eh-n
New	nu:f	VdPalatalNasal-U-f
Old	vjei	v-jg-ay-e
Good	bɔn	b-euh-n
Bad	ma:l	m-A-l
Dirty-Spurcus	spɔrk	s-p-euh-r-k
Straight	drɛt	d-r-eh-t
Round	tarɔnt	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	rɔs	r-euh-s
Green	vert	v-eh-r-t
One	uɲ	u-nya
Two-Duos	doj	d-oj_diphthong
Three	'tre:	t-r-ai
Four	kwatri	k-w-ah-t-r-e
Five	'ʃɪŋk	ts-e-nya-k
Here	aki	ah-k-e
Who-Qui	kwi	k-w-e
What	tʃe	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	tʃemu: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	doam̩nə	d-oaa-m-n-aah
ManHumanBeing	om	oh-m
Wife-Mulier	mujere	m-u-jg-ay-r-ay
Husband	mərit	m-aah-r-e-t
Husband-Socius	sɔts	s-oh-VlAlveolarSibilantAffricate
Father-Tata	tatə	t-ah-t-aah
Animal	nəmaje	n-aah-m-ah-jg-ay
Fish-Piskem	peʃte	p-ay-shh-t-ay
Bird-Passerem	pasəre	p-ah-s-aah-er-ay
Dog	kijne	k-eeej-n-ay
Louse	pədukje	p-aah-d-u-k-jg-ay

Appendix 5 - Word Lists by Language

Snake	farpe	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	səminfə	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	rədəʃfina	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	sindʒe	s-eee-n-VdPalatoAlveolarSibilant-ay
Bone	os	oh-s
Egg	ow	oh-w
Horn	korn	k-oh-r-n
Tail	coadə	tya-oaa-d-aah
Feather-Penna	panə	p-ah-n-aah
Hair	pər	p-aah-er
Head	kap	k-ah-p
Head-Testa	tseastə	VIAlveolarSibilantAffricate-eaha-s-t-aah
Ear	ureke	u-r-ay-k-ay
Eye	okj	oh-kpalatal
Nose	nas	n-ah-s
Mouth	bukə	b-u-k-aah
Mouth-Gula	gucə	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-Perna	gambə	g-ah-m-b-aah
Leg-Petiolus	piʃfor	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

Appendix 5 - Word Lists by Language

Dust	pulbere	p-u-l-b-ay-r-ay
Earth	tsarə	VlAlveolarSibilantAffricate-ah-r-aah
Cloud-Secondary	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	beə	b-eaha
ToEat-Manducare	minka	m-eee-n-k-ah
ToBite-Morsicare	murseka	m-u-r-s-ay-k-ah
ToSuck	sudʒe	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	skujpa	s-k-u-jg-p-ah
ToVomit	voame	v-oaa-m-ay
ToBlow	sufla	s-u-f-l-ah
ToLaugh	ride	er-eee-d-ay
ToSee	vedea	v-ay-d-eaha
ToHear	auzi	ah-u-zz-e
ToKnow	ʃti	shh-t-e
ToKnow-Cognoscere	kunoafte	k-u-n-oaa-shh-t-ay
ToThink	kudʒeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pəsa	p-aah-s-ah
ToSmell-Sentire	simtsi	s-e-m-VlAlveolarSibilantAffricate-e
ToFear	teme	t-ay-m-ay
ToSleep	dormi	d-oh-r-m-e
ToLive	via	v-e-ah
ToDie	muri	m-u-r-e
ToKill	neka	n-ay-k-ah
ToKill-Occidere	uʃide	u-ts-e-d-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHit	pulsa	p-u-l-s-ah
ToCut-Excurtare	skurta	s-k-u-r-t-ah
ToCut-Taliare	taja	t-aah-jg-ah
ToSplit	divide	d-e-v-e-d-ay
ToSplit-Separare	separa	s-ay-p-ah-r-ah
ToStab	pundʒe	p-u-n-VdPalatoAlveolarSibilant-ay
ToScratch	rade	r-ah-d-ay
ToSwim-Navigare	naviga	n-ah-v-e-g-ah
ToFly-Exvolare	zbura	zz-b-u-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	zəʃea	zz-aah-ts-eaha
ToSit	fedea	shh-ay-d-eaha
ToStand	sta	s-t-ah
ToStand-Levare	lua	l-u-ah

Appendix 5 - Word Lists by Language

ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Torquere	toarɿɕe	t-oaa-r-ts-ay
ToFall	kəɖeə	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	ziɿɕe	zz-e-ts-ay
ToSay-Exponere	spune	s-p-u-n-ay
ToSing-AncestralClass	kinta	k-eee-n-t-ah
ToPlay-Jiocare	zuka	gzah-u-k-ah
ToFloat	fluctua	f-l-u-tya-t-u-ah
ToFlow-Excurrere	skurdʒe	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdʒe	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetsa	eee-n-g-ay-VlAlveolarSibilantAffricate-ah
ToSwell-Inflare	umfla	u-m-f-l-ah
ToSwell-Crescere	kreʃte	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay
ToBurn-Incendere	inʃindʒe	eee-n-ts-e-n-d-gzah-ay
ToBurn-AncestralClass8	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-VlAlveolarSibilantAffricate-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-VlAlveolarSibilantAffricate-e-r-ay
Warm	kald	k-ah-l-d
Cold-Recens	reɿɕe	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

Appendix 5 - Word Lists by Language

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	ſinſ	ts-e-n-ts
There	la	l-ah
Who-Quem	ſine	ts-e-n-ay
What	ſe	ts-ay
When-Quando	kind	k-eee-n-d
How-Quomodo	kum	k-u-m
Not	nu	n-u
At	a	ah
In-In	in	eee-n
With-Cum	ku	k-u
And-Et	e	ay
And-Si	ſi	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			
Near-open		aj	ɐj		
Open			au		

Nasal-Vowel-Diphthong

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

Vowel-Non-Sylabic

	Front	Near-Front	Central	Near-Back	Back
Close					

Appendix 6 - Segment Groups

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

Vowel-Diphthong-Non-Sylabic

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

Pulmonic Consonants

Manner	Bilabial	Labial-Velar	Labio-Dental	Dental	Alveolar	Post-Alveolar	Retroflex	Palatal	Velar	Uvular	Glottal
Nasal, Stop											
Nasal	m				n			ɲ	ŋ		
Stop	p b	k ^w g ^w			t d			c ɟ	k g		
Sibilant, Fricative					s z	ʃ ʒ					
Fricative	β		f v	θ ð				ç ʝ	x ɣ	ʁ	h
Approximant							ɻ	j			
Tap/Flap					ɾ						
Trill					r					R	
Lateral, Fricative											
Lateral, Approximant					l			ʎ			
Lateral, Tap/Flap											

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

Non-Pulmonic Consonants

Manner	Palatal
Stop	k ^j
Ejective, Stop	
Ejective, Fricative	

Appendix 6 - Segment Groups

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

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

Pulmonic Affricates

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

Shaded areas denote articulations judged to be impossible.

Ejective Affricates

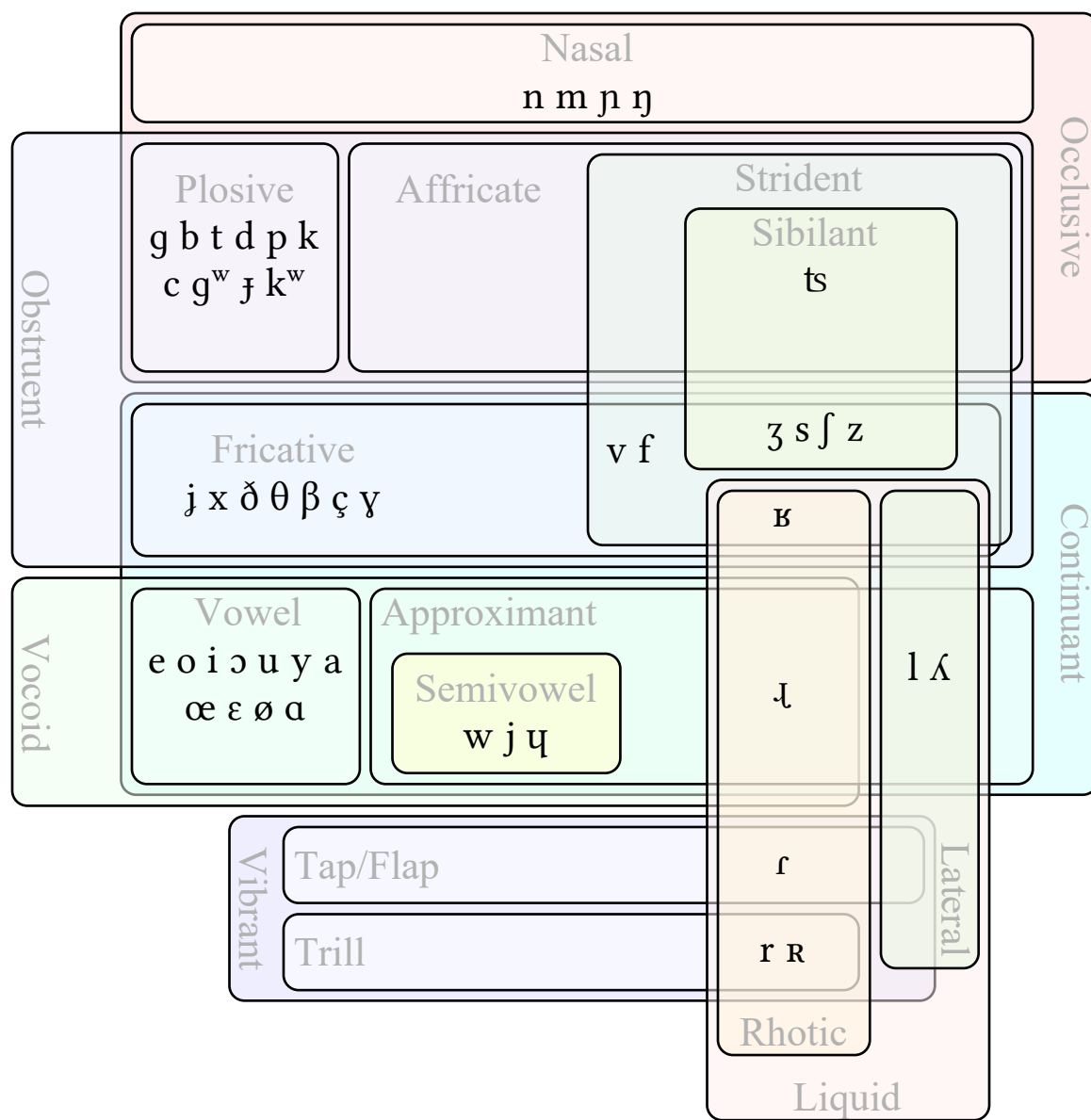
Manner
Central
Lateral

Shaded areas denote articulations judged to be impossible.

Other Segments

w	Labial-Velar Vocoid Semivowel Voiced Approximant	ɖʒ	Palato-Alveolar Voiced Sibilant Affricate
	Continuant Labial Velar		
ɭ	Alveolar Voiced Velarized Pulmonic Lateral Approximant	ɸ	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	ẽ 0250, 0303 Near-open Central Rounded Nasal Vowel	ã 0251, 0303 Near-close Back Nasal Vowel
ɔː 0254, 02D0 Open-mid Back Rounded Vocoid Long Vowel Continuant	õ 0254, 0303 Open-mid Back Rounded Nasal Vowel	ɛj 025B, 006A Open-mid Near-Front Vowel Diphthong	ɛː 025B, 02D0 Open-mid Near-Front Vocoid Long Vowel Continuant

Appendix 8 - International Phonetic Alphabet

ẽ	g ^w	ij	iw
025B, 0303 Open-mid Near-Front Nasal Vowel	0261, 02B7 Labial-Velar Voiced Pulmonic Stop Occlusive Labial Velar	0268, 006A Close Central Vowel Diphthong	0268, 0077 Close Central Vowel Diphthong
ẽ:	a	b	c
1EBD, 02D0 Close Back Long Nasal Vowel	0061 Open Near-Front Vocoid Vowel Continuant Parent Vowel	0062 Bilabial Voiced Pulmonic Stop Occlusive	0063 Palatal Pulmonic Stop Occlusive
d	e	f	h
0064 Alveolar Voiced Pulmonic Stop Occlusive	0065 Close-mid Front Vocoid Vowel Continuant Parent Vowel	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0068 Glottal Pulmonic Fricative
i	j	k	l
0069 Close Front Vocoid Vowel Continuant Parent Vowel	006A Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant	006B Velar Pulmonic Stop Occlusive	006C Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
m	n	o	p
006D Bilabial Voiced Pulmonic Nasal Occlusive	006E Alveolar Voiced Pulmonic Nasal Occlusive	006F Close-mid Back Rounded Vocoid Vowel Continuant Parent Vowel	0070 Bilabial Pulmonic Stop Occlusive
r	s	t	u
0072 Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	0073 Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	0074 Alveolar Pulmonic Stop Occlusive	0075 Close Back Rounded Vocoid Vowel Continuant Parent Vowel
v	w	x	y
0076 Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0077 Labial-Velar Vocoid Semivowel Voiced Approximant Continuant Labial Velar	0078 Velar Pulmonic Fricative Obstruent Continuant	0079 Close Front Rounded Vocoid Vowel Continuant Parent Vowel

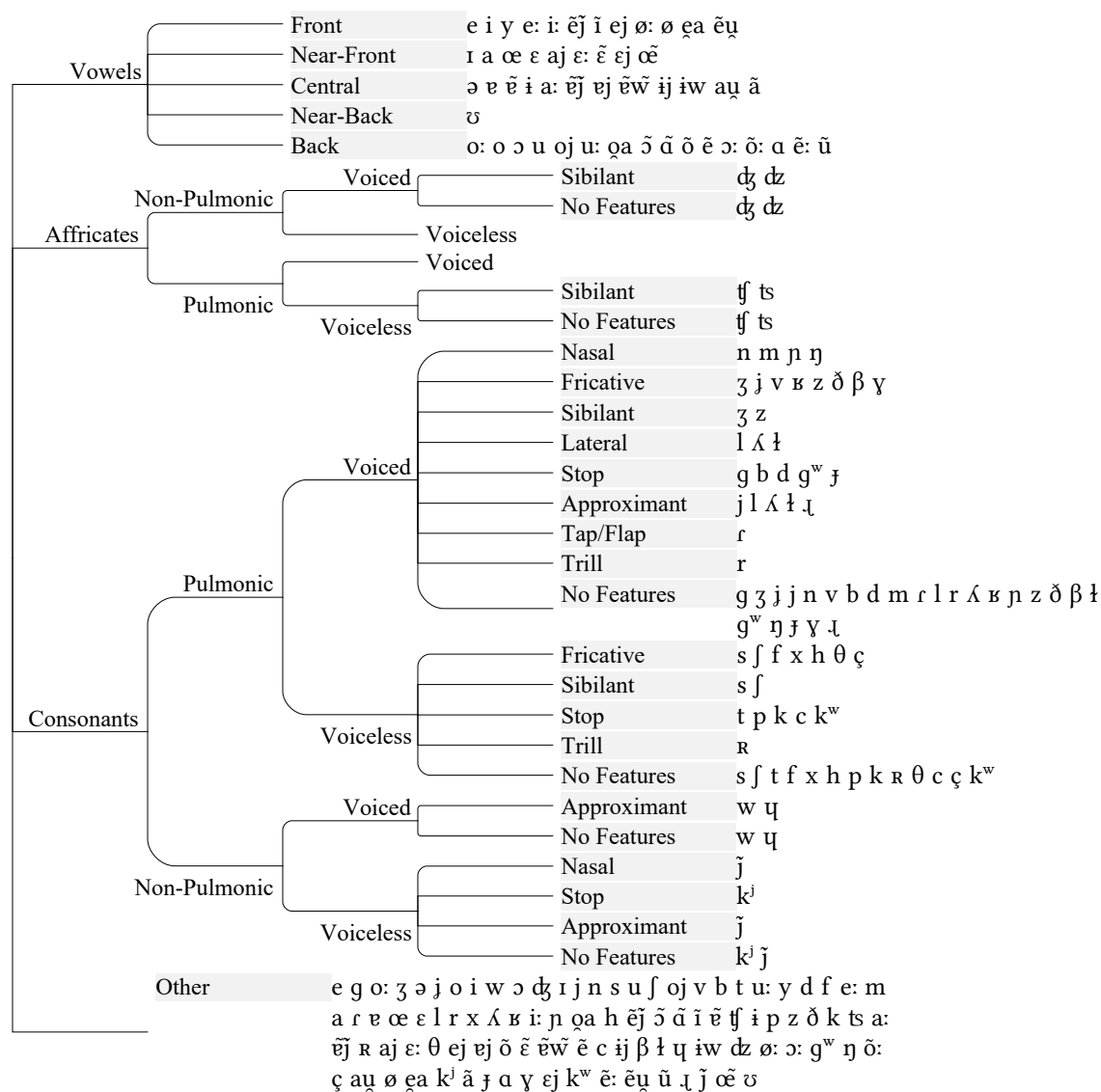
Appendix 8 - International Phonetic Alphabet

z	ã	ç	ð
007A	00E3	00E7	00F0
Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	Near-open Central Nasal Vowel	Palatal Pulmonic Fricative Obstruent Continuant	Dental Voiced Pulmonic Fricative Obstruent Continuant Dental
õ	ø	ĩ	ŋ
00F5	00F8	0129	014B
Close-mid Back Rounded Nasal Vowel	Close-mid Front Rounded Vocoid Vowel Continuant Parent Vowel	Close Front Nasal Vowel	Velar Voiced Pulmonic Nasal Occlusive
œ	ũ	ɐ	ɑ
0153	0169	0250	0251
Open-mid Near-Front Rounded Vocoid Vowel Continuant	Open Back Nasal Vowel	Near-open Central Rounded Vowel Parent Vowel	Open Back Vocoid Vowel Continuant Parent Vowel
ɔ	ə	ɛ	ʃ
0254	0259	025B	025F
Open-mid Back Rounded Vocoid Vowel Continuant Parent Vowel	Close-mid Central Vowel Parent Vowel	Open-mid Near-Front Vocoid Vowel Continuant Parent Vowel	Palatal Voiced Pulmonic Stop Occlusive
ɡ	ɣ	ɸ	ɨ
0261	0263	0265	0268
Velar Voiced Pulmonic Stop Occlusive	Velar Voiced Pulmonic Fricative Obstruent Continuant	Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant Palatalized Labial	Close Central Vowel Parent Vowel
ɪ	ɭ	ɲ	ɻ
026A	026B	0272	027B
Near-close Near-Front Vowel Parent Vowel	Alveolar Voiced Velarized Pulmonic Lateral Approximant	Palatal Voiced Pulmonic Nasal Occlusive	Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid
ɾ	ʀ	ʁ	ʂ
027E	0280	0281	0283
Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	Uvular Pulmonic Trill Rhotic Vibrant Liquid	Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid	Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant

Appendix 8 - International Phonetic Alphabet

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

Appendix 9 - Feature Tree



Appendix 10 - Diacritics

Diacritics

Undefined escape character	~	Nasalized	..	Centralized
Advanced	-	Retracted	˘	RisingTone
Voiceless	ɰ	Implosive	̰	Syllabic
Ejective	ʕ	Pharyngealized	ˆ	Falling tone
Non-syllabic	̚	No audible release	̤	Rhotic hook
Advanced tongue root	̠	Apical	˙	Extra low tone
Less rounded	̡	Dental	˜	Velarized or Pharyngealized
↘ Global fall	̢	Velarized	ˊ	High tone
h Aspirated	j	Palatalized	̣	Creaky voiced
˘ Low tone	l	Lateral release	ˉ	Mid tone
◻ Laminal	̤	Linguo-Labial	̤	Nasal release
˙ More rounded	̥	Lowered	̦	Retracted tongue root
↗ Global rise	̧	Raised	ˊ	Extra high tone
˙ Breathy voiced	̨	Voiced	̥	Labialized
˘ Extra short	̩	Mid-centralized	↓	Down-step
↑ Up-step	̪	Long	˙	Half-long
Indeterminacy in french vowels	̫	Begin Non-segmental notation		End non-segmental notation
ɕ Voiced epiglottal fricative	!	Post-alveolar click		Minor group
Dental click		Major group		Alveolar lateral click
‡ Palatal click	˙	Voiceless descender	-	Combining macron
⏟ Tie-bar below	⏟	Tie-bar above	̥	Ready made combination
→ Becomes		Separator		

Appendix 11 - Languages

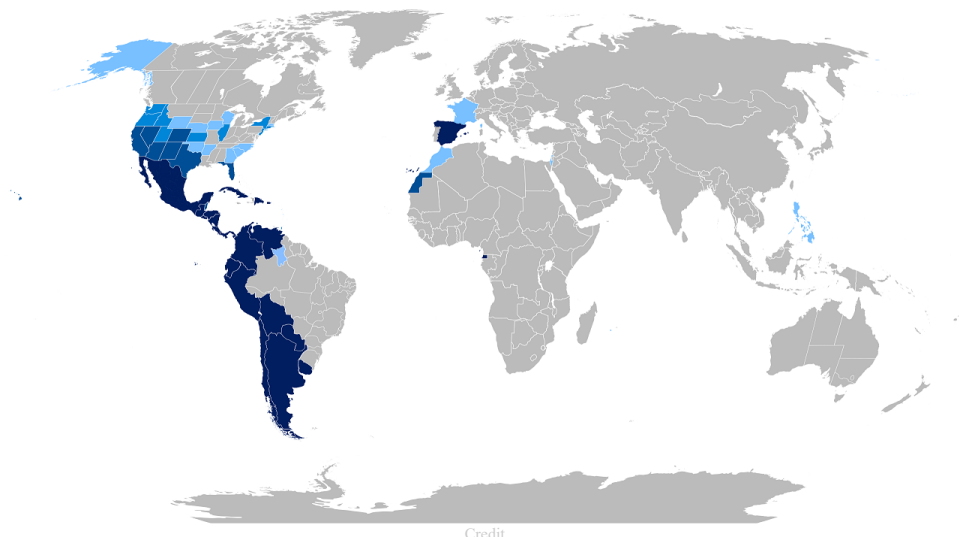
Latin



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

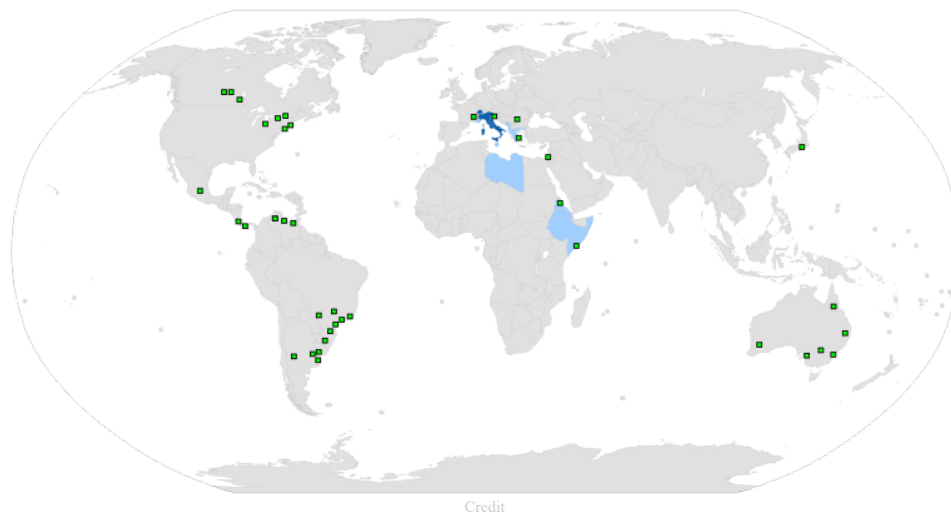
By the late Roman Republic (75 BC), Old Latin had been standardised into Classical Latin. Vulgar Latin was the colloquial form spoken at that time and attested in inscriptions and the works of comic playwrights like Plautus and Terence[3] and author Petronius. Late Latin is the written language from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

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.

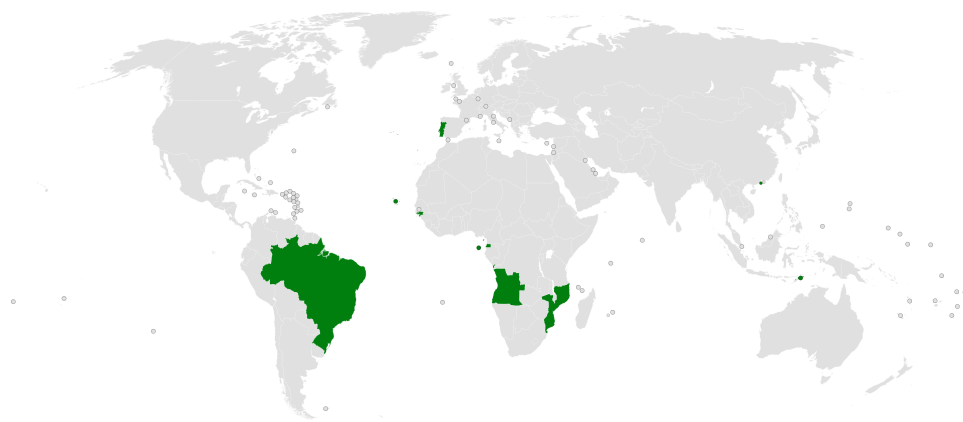
Brazilian Portuguese



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



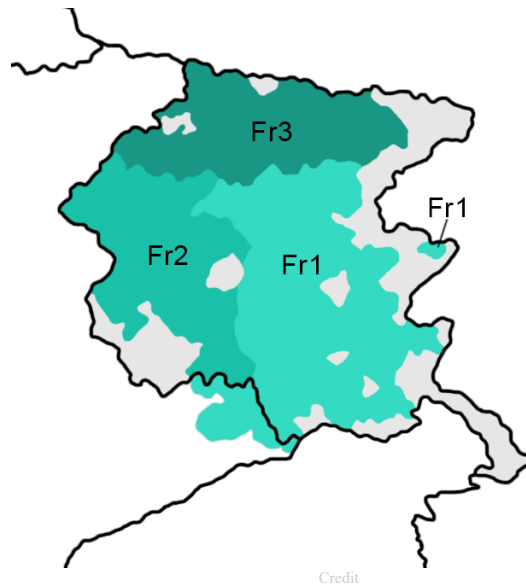
Credit

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".