### **Understanding Language Evolution Using an Event-Based Model**

#### **Appendices**

- 1. Character Assignments
- 2. Partition Assignments
- 3. Concepts Used
- 4. Results

#### Appendix 1 - Character Assignments

Each segment gets a different number

#### Appendix 2 - Partition Assignments

# Model: "Linguistically Informed"

	I-Primary	We-Primary	YouPlural-Primary	YouSingular-Primary
Latin	- e g o:	n o: - s	wo: - s	t u:
French	3 9	n u	v u	t y
Spanish	j o	$\begin{vmatrix} \mathbf{n} & \mathbf{o} \\ \mathbf{n} & \mathbf{o} \end{vmatrix} - \begin{vmatrix} \mathbf{s} \\ \mathbf{s} \end{vmatrix}$	b o - s	t u
Italian	$\begin{vmatrix} \mathbf{j} \\ - \end{vmatrix} \mathbf{i} \begin{vmatrix} - 0 \\ 0 \end{vmatrix}$	n o: i -	v o: i -	t u
PortugueseBrazil				
0	- e - w	n oj - s	v oj s	t u
Portuguese	- e - w	$ \mathbf{n}  \mathbf{o}   -   \mathbf{f}$	v o - 5	t u
	3 3		b u - s	t u
	dg I	n o	v o - s	t y
Friulian	j   -   -   o	n   o:   -   -	v o:	t u
Romanian	j e - w	n   oj   -   -	v oj	t u
	YouSingular-	Woman-Primary	Woman-Mulier	Woman-Domina
	VostramMercedem			
Latin		f e: - m i - n - a	m u l i e r e m	d o m i n a
French		f a - m		d   a   m   -   -   -
Spanish	-  u   s   t   e   d	- e - m - b r - a	m u x - e r	d o n a
Italian		femmi-a	тоббе	d o n - n a
PortugueseBrazil	v o s - e -	f e - m e v	m u Л - e в	d o n e
	v o s - e -	f e - m j v	m u A - e r	d o n e
	v o s t e -	fe-m-br-a	m u h - e	d o n o
Walloon		f œ - m		d a m
Friulian		$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	m u - - i: r - -	d d n e
Romanian		f 0 m 0 - i 0	m 11 - i 0 r 0 -	doom no
Romanian		f   e   -  m   e   -   -   j   e	$ \mathbf{m} \mathbf{u}  -  \mathbf{j} \mathbf{e} \mathbf{r} \mathbf{e} $	d oam - n ə
	Child-Primary	f   e   -   m   e   -   -   j   e     Child-Ninnus	m u - j e r e - 	d oam - n ə Husband-Primary
	Child-Primary i n f a n t e m			
Latin			Wife-Primary	Husband-Primary
Latin French	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus	Wife-Primary  - s p o n s a e - p u - z -	Husband-Primary m a r i: t u s m a r i
Latin French	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus	Wife-Primary   -   s   p   o   n   s   a     e   -   p   u   -   z   -     e   s   p   o   -   s   a	Husband-Primary  mari: tus  mari:  mari ðo -
Latin French Spanish Italian	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o   o   n   i   n   o	Wife-Primary  -   s   p   o   n   s   a   e   - p   u   - z   e   s   p   o   - s   a   -   s   p   o   - z   a	Husband-Primary  mari: tus  mari: ŏo-  mari: to-
Latin French Spanish Italian PortugueseBrazil	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e ñ	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a	Husband-Primary  mari: tus  mari ŏo-  mari to- mari du-
Latin French Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n ẽj n e n ẽj	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z e	Husband-Primary  mari: tus mari: ŏo- mari: du- mari: ŏu-
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e ñ	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a	Husband-Primary  mari: tus  mari ŏo-  mari to- mari du-
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n ẽj n e n ẽj	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z e	Husband-Primary  mari: tus  mari: ōo-  mari: du-  mari: ōu-  mari: du-  meri: ōu-
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n ẽj n e n ẽj	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z e	Husband-Primary  m a r i: t u s  m a r i i ð o -  m a r i t o -  m a r i d u -  m e r i ð u -  m a r i t
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o   n   i   n   o   n   e   n   e   n   e   n   e   n   e   n   e   n   e   n   e   n   e   n   e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Husband-Primary  m a r i: t u s  m a r i i o -  m a r i t o -  m a r i d u -  m a r i o u -  m a r i t  m a r i t  m a r i t
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n     Husband-Socius	Wife-Primary  -	Husband-Primary  mari: tus  mari i ŏo-  mari to-  mari du-  meri ŏu-  mari: t  mari: t  mari t  Father-Primary
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o   n   i   n   o   n   e   n   e   n   e   n   e   n   e   n   e   n   e   n   e   n   e   n   e	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z ъ  Mother-Primary m a: t r e m	Husband-Primary  m a r i: t u s  m a r i i o -  m a r i t o -  m a r i d u -  m a r i d u -  m a r i t -  m a r i t -  m a r i t -  Father-Primary  p a t r e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n     Husband-Socius	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z ъ  Mother-Primary m a: t r e m m e - в -	Husband-Primary  m a r i: t u s  m a r i i ð o -  m a r i t o -  m a r i d u -  m a r i ð u -  m a r i t  m a r i t  Father-Primary  p a t r e  p e - в -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n      Husband-Socius     s   o   k   i   u   s	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z a  i f ∫ p o - z e ə s p o - z a i f ∫ p o - z e ə s p o - z a i f ∫ p o - z e ə s p o - z e	Husband-Primary  m a r i: t u s  m a r i i ð o -  m a r i d u -  m a r i ð u -  m a r i t  m a r i t  Father-Primary  p a t r e  p e - r -  p a ð r e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n     Husband-Socius	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i s p o - z a i s p o - z a i s p o - z a i f p o - z b a s p o - z b a s p o - z e a s p o - z e a s r c e m m a: t r e m m e - в - m a ŏ r e - m a: d r e -	Husband-Primary  m a r i: t u s  m a r i i d u -  m a r i d u -  m a r i d u -  m a r i t  m a r i t  Father-Primary  p a t r e  p a d r e  p a: d r e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n      Husband-Socius     s   o   k   i   u   s	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i s p o - z a i s p o - z a i s p o - z a  i f p o - z a i f r e m m e - s - m a ð r e - m a: d r e - m v	Husband-Primary  m a r i: t u s  m a r i i d u -  m a r i d u -  m a r i d u -  m a r i t  m a r i t  m a r i t  m a r i t  m a r i t
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n      Husband-Socius     s   o   k   i   u   s	Wife-Primary  - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z e ə s p o - z e  m a: t r e m m e - s - m a: d r e - m e; m e; m e;	Husband-Primary  m a r i: t u s  m a r i i d u -  m a r i d u -  m a r i d u -  m a r i t
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n      Husband-Socius     s   o   k   i   u   s	Wife-Primary         - s p o n s a         e - p u - z -         e s p o - s a         s p o - z a         i s p o - z a         i f p o - z b         a s p o - z a         i f p o - z b         a s p o - z b         a s p o - z b         a s p o - z c a         i f p o - z b         a s p o - z b         a s p o - z c c	Husband-Primary  m a r i: t u s  m a r i i d u -  m a r i d u -  m a r i d u -  m a r i t  m a r i t -  m a r i t o -  m a r i
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n      Husband-Socius     s   o   k   i   u   s	Wife-Primary         - s p o n s a         e - p u - z -         e s p o - s a         s p o - z a         i s p o - z a         i ∫ p o - z e         a i ∫ p o - z e	Husband-Primary  m a r i: t u s  m a r i i d u -  m a r i d u -  m a r i d u -  m a r i t t -  m a r i t t -  m a r i t t -  m a r i t t -  m a r i t t -  m a r i t t -  m a r i t t -  m
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus    n   i   n   o     n   i   n   o     n   e   n e     n   e   n      Husband-Socius     s   o   k   i   u   s	Wife-Primary         - s p o n s a         e - p u - z -         e s p o - s a         s p o - z a         i s p o - z a         i f p o - z b         a s p o - z a         i f p o - z b         a s p o - z b         a s p o - z b         a s p o - z c a         i f p o - z b         a s p o - z b         a s p o - z c c	Husband-Primary  m a r i: t u s  m a r i i d u -  m a r i d u -  m a r i d u -  m a r i t  m a r i t -  m a r i t o -  m a r i

	Fathe	er-Tata	Animal-Primary	Animal-Bestia	Fish-Piskem
Latin	t a t		a n i m a l i a	b - e: s t i a	p i s k e m
French			o m a - j -		1
Spanish	t a t	t a	a l i m a n - a		$ \mathbf{p}   \mathbf{e}   \mathbf{\theta}  -  \mathbf{e}   \mathbf{e} $
Italian	t a t			$ \mathbf{b}  -  \mathbf{i}  \int  \mathbf{f}  -  \mathbf{a} $	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
PortugueseBrazil	t a t			b - i - f - e	$\left  \begin{array}{c c} p & e & j & j & e \\ p & ej & j & - & i & - \end{array} \right $
Portuguese	tat			$ \begin{vmatrix} b & - & i & - & \int & - & e \\ b & - & i & - & \int & - & e \\ \end{vmatrix} $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan	ιαι	ι   α			$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
Walloon				$ b i \epsilon s - - -$	P   6   J   -   -   -
Friulian			-  - 1	D 1 ε S	
		.   -	- n e m a: 1	b   -   i   s   -   -   -	p ε s
Romanian	t a t		- n ə m a - j e	D: 1 A : 11	p e f t e -
1 (*	FISH-	Pescion	Bird-Avem	Bird-Avicellum	Bird-Passerem
Latin		1 1	a w e m		upma s s e r e m
French	p   w   a	a   s   õ		w a z - o	
Spanish			a   b   e   -		pa-xaro-
Italian				$ - - u - t f - \epsilon 1 1$	
PortugueseBrazil			a v i -		pa-seru-
Portuguese			a   v   i   -		pa-seru-
Catalan			a w	-   -   u   -   -   s   -   e   -   \( \Lambda \)	-   -
Walloon	p - 8	εhő		-   -   u   -   -   h   -   ε   -   -	-   -
Friulian				u - tf j ε - 1	-   -
Romanian					pa-səre-
	Dog-F	Primary	Louse-Primary	Snake-Primary	
Latin		a n e m	p - e d u - k 1 u s		
French	∫j έ	ĝ	p   -   u   -   -   -   -   -   -   -	s - e в р - а	-v - e
Spanish	-	a   n   -   -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	s - e r p j e n t e	b - e r m e -
Italian		a n e -	p - i d o k k j o -	s - e r p - e n t e	v - e r m e -
PortugueseBrazil		<b>e</b>	p - i - o - \( \lambda \) u	$ s  -  e   g   p  -  \tilde{e}  -  f   i $	
	v	$\widetilde{\mathbf{v}}$	<b>r</b>     -     -     -   -   -   -	-   -   F     -   J   -	111111111111
Portuguese	k - ť	$\tilde{g} \mid - \mid - \mid - \mid$	p - i - o - \lambda u - -	$ s  -  \mathbf{i}  \mathbf{r}  p  -  \mathbf{\tilde{e}}  -  \mathbf{t}  \mathbf{i}$	v   -   e   c   m   i   -
	v		<b>r</b>     -     -     -   -   -   -	•   •   •   •   •   •   •   •   •   •	111111111111
Catalan		a	p   -   o   -   -   A   -   -   -	s -   ə   r   p   -   e   n   -   -	$-\mathbf{v} - \mathbf{\epsilon} \mathbf{r} \mathbf{m} - \mathbf{r}$
Walloon		ē	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-v j e r
Friulian	•	a n	p - e d o - 1 i		$-\mathbf{v} \mid \mathbf{j} \mid \mathbf{\varepsilon} \mid \mathbf{r} \mid - \mid - \mid - \mid$
Romanian		ij n e -	p - ə d u - k j e -		v j e r m e -
rtomanan		Primary	Forest-Primary	Stick-Primary	Fruit-Primary
Latin		o o r e m	s i l w a	p a: 1 u s	f r u: - k t u s
French		0 - R	~   =   <b>*</b>   ''   '**	p a 1	f k q i
Spanish		3 o 1	s e 1 b a	p a l o -	f r u t o -
Italian		o e r o -	s e l v a	p a 1 o -	f r u - t t o -
PortugueseBrazil		v o r i -	s e i v a	p a w	f r u t e -
Portuguese		v u r <del>i</del> -	s e ł v e	-	
				p a w	
Catalan	a - h		s   e   1   b   a	p a 1	f r u j - t
Walloon	o - p			p a	f r y t
	2 r	o u 1	s ε 1 v e	p a: 1	f   r   u   -   -   t   -   -
Friulian Romanian		o o r e -		p a r	f r u - k t

	Seed-Primary	Seed-Sementis	Seed-Granum	Leaf-Primary
Latin	s e: m e n	s e m - e n t i s	g r a: n u m	f - o 1 i a
French	0   0   122   0   122	$\begin{vmatrix} s & \vartheta & m \end{vmatrix} - \begin{vmatrix} \tilde{\alpha} & - & - & - & s \end{vmatrix}$	g κ ε u	$ \mathbf{f}  -  \mathbf{e}  \mathbf{j}   -  \mathbf{e} $
Spanish		s i m j e n t e -	g r a n o -	o x - a
Italian	s e m e -	s e m - e n t e -	g r a n o -	$f - \sigma \wedge \alpha $
PortugueseBrazil	o c m c	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$g$ $f$ $\tilde{g}$ $g$	f - o h - e
1 Ortuguesebrazii			$\tilde{\mathbf{w}}$	
Portuguese		$ s i m - \tilde{e} - t i -$	g r g	$ \mathbf{f}  -  \mathbf{o} \mathbf{\Lambda}  -  \mathbf{e} $
0.1.1			$ \widetilde{\mathbf{w}} $	
Catalan		s ə m - e n	g r a	$ \mathbf{f}  -  \mathbf{u}  \mathbf{\Lambda} - \mathbf{a}$
Walloon		$ s i m- \tilde{e} - s - -$	g r i n	f - oj
Friulian		$  s   e   m - \epsilon   n   f   \epsilon   -$	g r a n	f w e e
Romanian		s   s   m  -  i   n   f   s  -	g r i	f - oa - j e
	Leaf-Frondea	Root-Primary	Root-Radix	Root-Radicina
Latin	f r o n d e a	- r a: d i: k e m	r a: d i: k e	r a: d i: k i: n a
French	1   1   0   11   u   C   u		R a q i	ваsin-
Spanish		$ - \mathbf{r} \mathbf{a} - \mathbf{i} \mathbf{\theta} - -$		B   A         3   1   11
Italian	f r o n dz - a	α     1   0	r a d i: tf e	
PortugueseBrazil		-   <b>B</b>   <b>a</b>   -   <b>i</b>   <b>S</b>   -   -	1   a   u   1.   y   C	
Portuguese	f r o - s - e	-   R   B   -   i   2   -   -		
Catalan	1   1   0   -   3   -   6	a r ε l		
Walloon		8 1 8 1		r   ε   -   -   s   ε   n   -
Friulian				
Romanian	$ \mathbf{f}  \mathbf{f}  \mathbf{u}  \mathbf{n}  \mathbf{z}  -  \mathbf{a} $			r ə d ə ʧ i n ə
Nomanian	BarkOfATree-Primary	BarkOfATree-Corticea	Bark∩fATree Skortes	Flower-Primary
Latin	k o r t i k e m	k o r t i - k e a	- s k - o r t e a	f l o: r e m
French	K   O   I   t   I   K   C   III	K   O   I   t   I     K   C   a	e - k - o r s	f l œ ʁ
Spanish		k   o   r   t   e   -   θ   -   a	C   K   O   B   S	flor-
Italian	kortite-	kortetta-	-   s   k   -   o   r   ts   -   a	f j o: r e -
PortugueseBrazil		ков ф i - s в -		f 1 o r
	k ortisi-	kurti-se-		flor-
Catalan	N J I L I S I	K u I t I - 3 t -		
Odlaidii			2 s k - 2 r s - 2	
			$\begin{vmatrix} \mathbf{a} & \mathbf{s} & \mathbf{k} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{r} & \mathbf{s} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{s} $	f 1 o
Walloon			$ - \mathbf{h} - \mathbf{w} \epsilon - \mathbf{s} - -$	f 1 o
Walloon Friulian			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f 1 o f 1 œ r f 1 o: r
Walloon			$ - \mathbf{h} - \mathbf{w} \epsilon - \mathbf{s} - -$	f 1 o
Walloon Friulian	Grass-Primary	Grass-Gramen	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l o f l o r f l o r f l o r
Walloon Friulian		Grass-Gramen	- h - w ε - s - s k w a r ts - e - s k - oa r ts - ə	f 1 o f 1 œ r f 1 o: r
Walloon Friulian Romanian	Grass-Primary		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l o f l œ r f l o: r f l oa r e -
Walloon Friulian Romanian Latin	Grass-Primary	g r a: m e n	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l o f l œ r f l o: r f l oa r e -
Walloon Friulian Romanian  Latin French Spanish Italian	Grass-Primary - h e r b a ε ε b -	g r a: m e n	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l o f l œ r f l o: r f l oa r e -  Rope-Restis r e s t e m
Walloon Friulian Romanian  Latin French Spanish	Grass-Primary - h e r b a - ε ε b - j - e r b a	g r a: m e n	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l o f l œ r f l o: r f l oa r e -  Rope-Restis r e s t e m
Walloon Friulian Romanian  Latin French Spanish Italian	Grass-Primary  - h e r b a - ε ε b - j - e r b a - ε r b a - ε r b a	g r a m e n g r a m a -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l σ f l œ r f l ο: r f l ο α r e -  Rope-Restis r e s t e m  r i s t a - r ε s t a - в ε ∫ ʧ i -
Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	Grass-Primary  i	g r e m e n g r a m a - g r a m e n g r a m -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l o f l œ r f l o: r f l oa r e -  Rope-Restis r e s t e m  f i s t a - r ɛ s t a -
Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	Grass-Primary  - h e r b a  - ε κ b -  j - e r b a  - ε r b a  - ε κ ν ε  - ε r ν ε  - ε r b ə	g r a m e n g r a m a -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l σ f l œ r f l ο: r f l ο α r e -  Rope-Restis r e s t e m  r i s t a - r ε s t a - в ε ∫ ʧ i -
Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Grass-Primary  - h e r b a  - ε ε ε b -  j - e r b a  - ε ε r b a  - ε ε r v ε  - ε r b σ	g r e m e n g r a m a - g r a m e n g r a m -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f l σ f l œ r f l ο: r f l ο α r e -  Rope-Restis r e s t e m  r i s t a - r ε s t a - в ε ∫ ʧ i -

	Skin-Primary	Skin-Pellis	Meat-Primary	Meat-Vivenda
Latin	·	p - e 1 1 e m	k a r n e m	w i: w - e n d a
French	k w a n -	p - o	Σ   R   -   -   -	$ \mathbf{v}  \mathbf{j}  -  -  \tilde{\mathbf{a}}  -  \mathbf{d}  -$
Spanish		p j e - 1	k a r n e -	b i b j e n d a
Italian	k - o t e n n a	p - e 1 1 e -	k a r n e -	v i v - a n d a
PortugueseBrazil	k - o dz i e	p - ε - 1 i -	kaвni-	v   i   v   -   ẽ   -   d   a
Portuguese	k - o d i e	p - e - 1 i -	karni -	v i v - ẽ - d e
Catalan	k - o n n ə	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{e} \\ - \begin{vmatrix} \mathbf{\Lambda} \end{vmatrix} - \begin{vmatrix} -\mathbf{r} \end{vmatrix}$	k a r n	
Walloon	k - oj i - n	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{\epsilon} \begin{vmatrix} -   -   -   -   -   -   -   -   -   -$	tf a r	
Friulian		$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{j} \begin{vmatrix} \mathbf{\epsilon} \\ - \end{vmatrix} 1 \begin{vmatrix} - \\ - \end{vmatrix}$	c a: r	
Romanian		p j e - 1 e -	karne-	
	Blood-Primary	Bone-Primary	FatNoun-Primary	FatNoun-Crassia
Latin	s a n g <sup>w</sup> - i n e m	- - o s s u m	adepem	
French	s   <del>a</del>   -   -   -   -   -   -	-   -   <b>o</b>   -   <b>s</b>   -   -		g   ε   ε   -
Spanish	s a ŋ g r e -	- w e - s o -		g r a s a
Italian	s a n g w e	3 s s o -	a d i p e -	911  4   5   4
PortugueseBrazil				g r a f e
Portuguese	$s \stackrel{\circ}{\tilde{e}} - g - i$	o - s u - o - s u -		grafe
Catalan	s a ŋ	-   -   3   -   s   -   -		gresse
Walloon	$\begin{vmatrix} \mathbf{s} & \mathbf{a} & \mathbf{b} \\ \mathbf{s} & \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{g} & \mathbf{g} \\ \mathbf{g} \end{vmatrix}$	$\begin{vmatrix} - & - & 3 & - & h & \epsilon \end{vmatrix}$		k r o h -
Friulian	s a ŋ k	$\mathbf{v} \mathbf{w} \mathbf{\varepsilon} - \mathbf{s} - \mathbf{s}$		K T J JII
Romanian	s i n dz - e			
TOMAMA	Egg-Primary	Horn-Primary	Tail-Primary	Feather-Primary
Latin	o: w u m	k - o r n u:	k a d a	p l u: m a
Latin	o. w u m	K   O   I   II   U.	u u a	
French	-  œ  f   -   -	k -   3   B   n   -	k ø	p 1 y m -
Spanish	w e b o -	k w e r n o	k o l a	p l u m a
Italian	w o v o -	k - o r n o	k o d a	p j u m a
PortugueseBrazil		k - o r n u	k a d e	
1 Ortuguesebrazii		К ОВПС	u e	
Portuguese	-   o   v   u   -	k - o r n u	k a d e	
1 Ortuguese		K O I II U	u e	
Catalan	-   <b>o</b>   <b>w</b>   -   -	k -   o   r   n   -	k u - a	p 1 o m ə
Walloon	- u	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k o w -	p l o m -
Friulian	- u: f	k w a: r	k o d ε	p l u m ε
Romanian	- O W	k - o r n -	c oa d ə	
Nomanian	OW	K O I II	c oa u ə	
	Feather-Penna	Hair-Primary	Hair-Capillus	Head-Primary
Latin	p e n n a	p - i l u s	k a p i l l u s	kapi-tia
French	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	p w a l	$\int \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\int_{0}^{\infty} \left  \frac{\partial}{\partial x} \right  \left  \frac{\partial}{\partial x} \right  = \left  \frac{\partial}{\partial x} \right  \left  \frac{\partial}{\partial x} \right  = \left  \frac$
Spanish	p e - n a	p - e 1 o -	k a b e - j o -	$k \mid a \mid \beta \mid e \mid - \mid \theta \mid - \mid a$
Italian	p e n n a	$\begin{vmatrix} \mathbf{p} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{e} & \mathbf{l} & \mathbf{o} \\ \mathbf{l} & \mathbf{o} \end{vmatrix} -$	k a p e 1 1 o -	k a v e t t s a
PortugueseBrazil		p - e l u -	k a b e - l u -	k a b e - s - e
Portuguese	p e - n e	$\begin{vmatrix} \mathbf{p} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{i} \end{vmatrix} \begin{vmatrix} \mathbf{l} \\ \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{u} \\ u$	k e β e - 1 u -	k e β e - s - e
Catalan	$p \mid \epsilon \mid n \mid \theta$	$\begin{vmatrix} \mathbf{p} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{l} & \mathbf{d} \\ \mathbf{\epsilon} & \mathbf{l} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{l} & \mathbf{l} \end{vmatrix}$	k ə b ε - Λ	k a p
Walloon	$p \mid \epsilon \mid j \mid \theta \mid p \mid \epsilon \mid - \mid n \mid - \mid \rho \mid \rho$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	dz i v e	$ \mathbf{f}  \mathbf{\epsilon}  \mathbf{r}  \mathbf{r} =  \mathbf{r}  \mathbf{r}$
Friulian	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	p - e: 1	c a v ej	c a: f
Romanian	p a - n ə	p - ə r	-   a   7   c j	k a p
TOMAMAN	Palle			κ α p

	Head-Testa	Ear-Primary	Eye-Primary	Nose-Primary
Latin	t e s t a	o: r i - k l a	- o - k u 1 u s	n a: s u s
French	$ \mathbf{t}  \mathbf{\varepsilon}   -  \mathbf{t}  -$	о в еј	-  œ  -   j   -   -   -   -	n e
Spanish		ore-x-a	- o - x - o	n a s o -
Italian	$t \mid \epsilon \mid s \mid t \mid a$	orekkja	- o k k - j o -	n a s o -
PortugueseBrazil	t e s t e	o r e k r	-   o   -   -   \lambda   u   -	
Portuguese	t ε ∫ t e	o r ej - la e	- o 1  u -	
Catalan	t e s t ə	u r ε λ ə		n a s
Walloon	tf ε s	3 R εj	-   u   -   j   -   -   -   -	n e
Friulian	t ε s t e	o r e - 1 e	v o 1 i	n a s
Romanian	ts ea s t ə	u r e - k - e	$- \mid o \mid - \mid k^{j} \mid - \mid - \mid - \mid - \mid$	n a s
	Nose-Nares	Mouth-Primary	Mouth-Gula	Tooth-Primary
Latin		b u k k a	g u l a	d - e n t e m
French		b u - 5 -	g œ 1 -	$\begin{vmatrix} \mathbf{d} & - & \widetilde{\mathbf{\alpha}} & - & - & - & - \end{vmatrix}$
Spanish	n a r i $\theta$ -	b o - k a	g o l a	d j e n t e -
Italian	n a r i tf e	b o k k a	$g \mid o \mid 1 \mid a$	$d - \epsilon n t e -$
PortugueseBrazil		b o - k e		$d - \tilde{e} - tf i -$
Portuguese	n g l i J -	b o - k e		$ d  -  \tilde{e}  -  t   \tilde{i}  -$
Catalan	n a: r I s -	b o - k ə	g o l ə	
Walloon		b o - k -	g œ j -	$\left  \begin{array}{c c} d & - & \widetilde{\epsilon} & - & - & - \end{array} \right $
Friulian		$\begin{vmatrix} b & c \end{vmatrix} = \begin{vmatrix} c & \epsilon \end{vmatrix}$	g 2 1 e	d - i n t
Romanian	<u> </u>	b   u   -   k   ə	g u r ə	d -   i   n   t   e   -
Latin	Fingernail-Primary	Foot-Primary	Leg-Gamba	Leg-Perna
Latin	$\begin{vmatrix} \mathbf{u} & \mathbf{n} & \mathbf{g} \end{vmatrix} - \begin{vmatrix} \mathbf{u} & \mathbf{l} & \mathbf{a} \end{vmatrix}$	p - e - d e m	g a m b a	p - e r n a
French	õ - g 1 -	p j e	3 a - b -	: - -
Spanish	u n a	p j e	g a m b a	рјегпа
Italian	u n g j - a	p j ε: - d e -	g a m b a	$p - \epsilon r n o$
PortugueseBrazil	u n e	p - ε		b - ε κ υ ε
Portuguese	u   n   -   -   -   e	p - ε	Ir a m h a	p - e r n e
Catalan Walloon	[a   a	p - ε w	k a m b ə	$ p  -  \epsilon  r  n   $
Friulian	3 - g	p - i	dg a p -	
Romanian	oηg - ullε	p - i: - t	јаmbe	
NUITIATTIATT	u n g j - e Leg-Petiolus	p i e - z Knee-Genuculum	g a m b ə Hand-Primary	Wing-Primary
Latin	pe-tious	g - e n i - k u l u		a: 1 a
French	$ P ^{c-1}$			e 1 -
Spanish	$p \mid e \mid - \mid \theta \mid i \mid o \mid 1 \mid o \mid -$	3 - 9 n u i n o - x o	m a n o -	a l a
Italian	p i t t - 5 1 0 -	dz - i n o k k - j o	marno	a l a
PortugueseBrazil		3 u e \( \hat{u} \)		a 1 a a
TOTTUGUESEDIAZII		5   u   e   -   -   -   -   A   u	$ ilde{ ilde{w}}$	a   -   -
Portuguese		3 w e 1 - 1 - 1 u		a   -   -
. 3.1.09.000		Jan of the last of	$ ilde{ ilde{W}}$	, <del>, ,</del> , ,
Catalan		$ \mathbf{z}  -  \mathbf{e}  \mathbf{n}  \mathbf{o}  -  \mathbf{f}  -  \mathbf{K} $	-	a 1 ə
		n n o	$-\mathbf{m} \mid \tilde{\mathbf{\epsilon}} \mid - \mid - \mid - \mid$	
	p ε - k - o 1	dz - e n o 1 i	man	
		dz - e n u n k <sup>j</sup>		<del>-</del> -   <del>-</del> -
Walloon Friulian Romanian	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	n     -     n     0     -     -     -     -     -     -     -     -     -     -     -     1     i	m \tilde{\varepsilon} =	a l ə e l - a l e

	Belly-Primary	Belly-Pantex	Guts-Primary	Neck-Primary
Latin	w - e n t r e m	p a n t i k e m	i n t e r a: n e a	k - o 1 1 u m
French	$\begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{g} \\ \mathbf{r} & \mathbf{g} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{R} \\ \mathbf{r} & \mathbf{f} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ \mathbf{g} \end{vmatrix}$		ã - t - <b>B</b> a - <b>j</b> -	k - u
Spanish	b j e n t r e -	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	e n t - r a n - a	k w e - j o -
Italian				k - 0 1 1 0 -
PortugueseBrazil			î   -   t   -   r   <del>e</del>   n   -   e	k - 0 - 1 u -
Portuguese	1	$\begin{bmatrix} \mathbf{p} & \mathbf{\tilde{g}} & - & \mathbf{s} & - & - & \mathbf{g} \end{bmatrix}$	ē - t - r e p - e	
Catalan	b - e n t r ə -	$p \mid a \mid p \mid f \mid - \mid - \mid a \mid -$	$ \mathfrak{d}   \mathfrak{n}   \mathfrak{t}  -  \mathfrak{c}   \mathfrak{a}   \mathfrak{n}  -  \mathfrak{d} $	k - o - h
Walloon	$ \mathbf{v}  -  \tilde{\boldsymbol{\varepsilon}}  -  \mathbf{t}  -  - - $	$ p   \tilde{a}  -  s  -  - - $		k - o
Friulian	v  - $ i $ $ n $ $ t $ $ r $ $ i $ -	p a n ts e -		$ \mathbf{k} \mathbf{w}   \mathbf{\epsilon}  -  1  -  \mathbf{r} $
Romanian	v   -   i   n   t   r   e   -	p i n t e tf e -		
	Back-Primary	Back-Spatula	Breast-Primary	Breast-Pectus
Latin	d - o r s u m	- s p a t u 1 a	s i n u s	p   -   e   k   t   u   s
French	d   -   o   -   -   -	e - p o 1 -	$ \mathbf{s}  \mathbf{\tilde{e}}  $ $ -  -  $	p   -   i   -   -   -
Spanish		e s p a l - d a	s e n o -	p - e - tf o -
Italian	d - o s s o -	- s p a 1 - 1 a	s e n o -	$ p  -  \epsilon  t  t  o -$
PortugueseBrazil		i f p a d w - e	s ej - u -	p - ej - t u -
Portuguese		i f p a d w - e	s ej - u -	p - ej - t u -
Catalan	d - o - s - -	$\begin{bmatrix} \mathbf{a} & \mathbf{a} & \mathbf{b} \\ \mathbf{a} & \mathbf{b} \end{bmatrix} = \begin{bmatrix} \mathbf{a} & \mathbf{b} \\ \mathbf{a} & \mathbf{b} \end{bmatrix} = \begin{bmatrix} \mathbf{a} & \mathbf{b} \\ \mathbf{a} & \mathbf{b} \end{bmatrix}$	s i	p   -   i   -   t   -   -
Walloon	d - o	- s p a 1 -		E
Friulian	d w e - s	$\begin{vmatrix} s & p & a \\ - & s & p & a \end{vmatrix} - \begin{vmatrix} - & 1 & \epsilon \end{vmatrix}$	s e n	p   -   ε   -   t   -   -
Romanian	d - o	- s p a t - e	s a n	p j e p t
	Breast-Pectorina	Heart-Primary	Heart-Anima	Liver-Primary
Latin	Diedet i esternia		a n i m a	f - i: k a: t u m
French	рwatвin	к - се в -	a m -	f w a
Spanish	P   W   W   V   D   T   II		a 1 - m a	- i y a ð o -
Italian		k w o r e	a 1 - m a	f - e g a t o -
PortugueseBrazil		k - 2 k -	a w - m e	f - i g e d u -
Portuguese		k - o r -	a l - m e	f - i y e ð u -
Catalan		k - 0 r -	a   I   - III   e	0
				0
Walloon	$p   w   \epsilon   t   r   i   n$	k - u r -	a m -	
Friulian		k   -   u:   r   -	a n i m e	f - i j a: t
Romanian	O Duine con	0 0	i n i m ə	f - i k a t
Latin	Sun-Primary	Sun-Soliculus	Moon-Primary	Star-Primary
Latin	s o: 1 e m	s o l i k u l u s	l u: n a	- s t - e: 1 1 a
French		s   2   1   ej   -   -   -   -	1 y n -	e - t w a - 1 -
Spanish	s o 1		l u n a	e s t r e - j a
Italian	s o l e -		l u n a	- s t - e l l a
PortugueseBrazil	s   o   w   -   -		1 u - e	i s t r e - 1 e
Portuguese	s   2   1   -   -		1   u   -   e	i   f   t   r   e   -   1   e
Catalan	s   o   1   -   -		Λ u n ə	ə s t - ε - 1 -
Walloon		s o 1 o s o r e 1 i -	1   ø   n   -	- s t - œ - 1 -
Friulian		s o r e - 1 i -	1   u   n   e	-   s   t   -   ε   -   1   e
Romanian	s oa r e -		1 u n ə	- s t - ea

	Water-Primary	Rain-Primary	River-Primary	River-Rivus
Latin	a   - k <sup>w</sup>	p 1 u - w i a	f l u: m e n	r i: w u s
French	0	p   1   q   -   -   i   -	12 12 12 122 122 12	R   A   -   -   -
Spanish	a - y w a	$\begin{vmatrix} \mathbf{r} \\ \mathbf{j} \end{vmatrix} - \begin{vmatrix} \mathbf{u} \\ \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{b} \\ \mathbf{j} \end{vmatrix} \mathbf{a}$		r   i   -   o   -
Italian	a k k w a	p j o d dz - a	f j u m e -	r i - o -
PortugueseBrazil	a - g w e		f l u m i -	в i - w -
Portuguese	a - g w e	$\int  - u - v - e $	f   1   u   m   i   -	в   i   -  u   -
Catalan	aj - γ w ə	p 1 u - 3 - ə		r   i   -   w   -
Walloon	$ \epsilon  -  w  -$	$p \mid l \mid \epsilon \mid - \mid f \mid - \mid -$		r   ε   -   -
Friulian	a - g - e	p 1 o j e	f   1   u   m   -   -	
Romanian	a   -   p   -   ə	p 1 oa -   -   j   e		r i - w -
	D: D: :	1 1 D:	0 0:	0 11 D :
Latin	River-Riparia	Lake-Primary	Sea-Primary	Salt-Primary
Latin	r i: p - a: r i a	l a k u m	m a r e	s a: 1 e m
French Spanish	в   i   v   j   e   в   -   -	1 a k 1 a g o -	m ε κ -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Italian		3	m a r e	s a l s a l e -
PortugueseBrazil		1 a g o - 1 a g u -	m a r -	s a w
Portuguese		layu-	m a r	s a 1
Catalan		Λ a k	m a r -	s a 1
Walloon	r   i   v   i:   -   r   -   -	1 a k	m e r -	s e
Friulian		1 a: t	m a: r -	s a: 1
Romanian		1 a k	m a r e	s a r e -
	Stone-Primary	Stone-Petra	Stone-Lapidem	Sand-Primary
Latin	s a k s u m	p - e t r a	l a p i d e m	h a r e: n α
French		р ј е - в -		
Spanish		p j e ð r a	1 a u - d e -	- a r e n a
Italian	s a s s o -	p j e: t r a	1   a   p   i   d   e   -	
PortugueseBrazil	3 0	p - e d r e		- a r ej - e
Portuguese Catalan	s  ej  -   f   u   -	p - e ð r e		- le le la la - le
Walloon		b - i - R - b - e g t s		- ə r e n ə
Friulian		<b>^</b>		-   a   r   ε   n   -
Romanian		p j e: - r e p j a t r ə		- a r i n ə
rtomaman	Sand-Sabulum	Sand-Sabula	Dust-Primary	Dust-Pulwus
Latin	s a b u l u m	s a - b u 1 a	p u l w e r e m	p u 1 w u s
French	s a b - 1		b n q r	F   0   2   1   0   0
Spanish			F   "   "	p o 1 b o -
Italian		s a b b - j a	p o 1 v e r e -	
PortugueseBrazil	s aj β - r u -			p   o   -   -   -
Portuguese	s aj β - r u -			p   o   -   -   -   -   -   -   -   -   -
Catalan	s o - r ə -			p   o   1   -   -   s
Walloon	$ s \alpha  v  -  j \delta -$			
Friulian	s a v a 1 a n		p   2   1   v   a   r   -   -	
Romanian			p u l b e r e -	

	Earth-Primary	Cloud-Primary	Cloud-Nubilus	Fog-Primary
Latin	t - e r r a	n u: b e: s	n u: b i l u s	k a: 1 i: g i n e m
French	t - e - r -	n y		
Spanish	t j e - r a	n u b e -	n   u   b   -   1   o   -	k a 1 i n a -
Italian	$t - \epsilon r r a$	n u b e -	n u v o l a -	k a l i d i n e
		n u v ej -	$ \Pi U V O T a $	k a 1 1 ug 1 11 e -
PortugueseBrazil				k a l i z ej
Portuguese	т - в - в в	$ \mathbf{n} \mathbf{u} \mathbf{v} \mathbf{\tilde{e}\tilde{j}} $ -	1 1 1 1 1 1	k e l i z ēj
Catalan	$t -  \varepsilon  -  r  \vartheta$		n u v o 1	
Walloon	t - e - r -			
Friulian	$t \mid j \mid \epsilon \mid - \mid r \mid e$		n u: 1	
Romanian	ts - a - r ə		n o r	
	Fog-Nebula	Fog-Tenebrae	Fog-Tenebras	Fog-Fumata
Latin	n - e - b u 1 a	t e n e b r aj		f u: m a: t a
French			$ t  -  e  u  -  \epsilon  p  R  - -$	f   y   m   e   -   -
Spanish	n   j   e   -   b   -   1   a		t - i n j e b 1 a s	f u m a t a
Italian	n - e b b - j a	t e n e b r e	t - E n - e b r e -	f u m a: t a
PortugueseBrazil	n - e - v w - e		t r e v - e s	f u m a s e
Portuguese	n - ε - v w - e		t   r   -   -   ε   v   -   ε   ∫	f u m a s e
Catalan	n - e - w 1 ə		t - ə n - e b r ə s	
Walloon	n j y 1 - 1 -			
Friulian	1 1919   1   1   1			f u m a t e
Romanian	$ \mathbf{n}  -  \mathbf{e}  -  \mathbf{g}  \mathbf{u}  \mathbf{r}  \mathbf{e}$			
	Fog-Caecia	Sky-Primary	Wind-Primary	Snow-Primary
Latin	k aj k i a	k - aj l u m	w - e n t u m	n - i w e m
French		$ \mathbf{s}  \mathbf{j}  \mathbf{\varepsilon}  1  - -$	v -   <del>a</del> -   -   -   -	
Spanish		$\theta \mid j \mid e \mid 1 \mid o \mid -$	b j e n t o -	n   j   e   b   e   -
Italian		tf - ε 1 ο -	$ v  -  \varepsilon   n   t   o  -$	n - e v e -
PortugueseBrazil		$\begin{vmatrix} \mathbf{s} & \mathbf{s} & \mathbf{s} & \mathbf{s} \\ \mathbf{s} & - & \mathbf{\epsilon} & \mathbf{w} \end{vmatrix} = -$	$ v  -  \tilde{e}  -  t   u  -$	$n - \varepsilon v i -$
Portuguese		$\begin{vmatrix} \mathbf{s} & \mathbf{e} & \mathbf{w} \\ \mathbf{s} & \mathbf{e} & \mathbf{w} \end{vmatrix} = -$	$\begin{vmatrix} v & - & \tilde{e} \\ v & - & \tilde{e} \end{vmatrix} - \begin{vmatrix} t & u \\ u & - \end{vmatrix} - \begin{vmatrix} v & u \\ u & - \end{vmatrix}$	$n - \varepsilon v i - $
Catalan		$\begin{vmatrix} \mathbf{s} & \mathbf{c} & \mathbf{w} \\ \mathbf{s} & - & \mathbf{\epsilon} & 1 & - & - \end{vmatrix}$	b - e n	n - e w
Walloon		$\begin{vmatrix} \mathbf{s} & \mathbf{c} & \mathbf{r} \\ \mathbf{s} & - & \mathbf{i} & \mathbf{r} \end{vmatrix} = -$	$ \mathbf{v}  -  \mathbf{\tilde{\epsilon}}  -  \mathbf{v}  -  \mathbf{v} $	n - i v aj -
Friulian		tf - i: 1	v - i n t	n - e: f
Romanian	tf ea tf - a	tf - e r		
1 VIII al II al I	tf ea tf - ə	y   -   C   1   -   -	v   -   i   n   t   -   -	n - ea
	Ice-Primary	Ice-Glacies	Smoke-Primary	Fire-Focus
Latin	g e 1 u:	100 Oldolog	f u: m u s	f - o k u m
French	3 ε 1 -	g 1 a - s -	I dill a s	f - ø
Spanish		y   1   a   -   s   -	-  u  m   o   -	f w e g o
	j e 1 ο dz ε 1 ο			f w e g o - f w o k o -
Italian	ug ε 1 0	$g \mid j \mid a \mid t \mid t f \mid a$	f u m o -	
PortugueseBrazil			f u m u -	f o g u -
Portuguese	1		f u m u -	f - o y u -
Catalan	3   8   1   -	g 1 a - s -	f  u  m   -   -	f - 3 k
Walloon		$g \mid 1 \mid \epsilon \mid - \mid s \mid -$		f - œ
Friulian		g 1 a - tf e	f   u   m   -   -	f - u: k
Romanian	dg e r -	g - ea - ts ə	f   u   m   -   -	f - o k
Nomaman	ug   e   1   -	9 24 5 8	I u III	

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	ToDrink-Primary	ToEat-Primary	ToEat-Manducare	ToBite-Primary
Latin	b - i b e r e	k o m e d e r e	m a n d u k a: r e	m - o r d e: r e
French	p m a r -		m $\tilde{a}$ - 3 e	m - o r q - r -
Spanish	b - e b e r -	k o m e r -	mandukar-	m - o r ð e r -
Italian	b - e r e	K O III C     I	mandg - are	m - o r d e r e
PortugueseBrazil	p - e p e r -			
		$egin{array}{ c c c c c c c c c c c c c c c c c c c$	3	
Portuguese		K   U   M   -   -   E   F   -		$ m  -  u  r  \delta  e  r  -$
Catalan	e 1 - w 3 - d		m ə n ʒ a	
Walloon	p - @: R -		m a n i:	
Friulian	b - e v i		m a ŋ ff a:	m w a r d i - -
Romanian	b - ea		m   i   n   -   -   k   a   -   -	
	ToBite-Morsicare	ToSuck-Primary	ToSpit-Primary	ToSpit-Exconspuere
Latin	m o r s i k a: r e	s u: g e r e	k o n s p u e r e	
French		s y s e	k 5 - s p y e	
Spanish	$ \mathbf{m}  \mathbf{o}   -  \mathbf{s}  -  \mathbf{k}  \mathbf{a}  \mathbf{r}  -$		0   P   J   C	e s k u - p i r
Italian	m o r s i k a r e			C   S   K   U     P   I   I
PortugueseBrazil	m u - s ə g a	sugar-	k u - s p i в	
Portuguese		sugas -	$\begin{vmatrix} k & u - s & p & i & b \\ k & u - \int p & i & r \end{vmatrix}$	
Catalan	m u - s ə g a r -	s   u   y   a   1   -	K   u   -   J   p   I   I   -   -	ə s k u - p i -
Walloon	$ \mathbf{m} \mathbf{u}  -  \mathbf{s}  \mathbf{\partial}  \mathbf{y}  \mathbf{a}  - -$			0   8   K   U   -   P   1   -
Friulian		s y s i:		
		c u c a:		
Romanian	m u r s e k a	s u dz e		- s k u j p a -
	ToSpit-Sputare	ToVomit-Primary	ToBlow-Primary	ToBreathe-Primary
Latin	-   s   p   u   t   e   r   e	w o m e r e	s u f f l a: r e	r e s p i: r a: r e
French		$v \mid o \mid m \mid i \mid B \mid$	s  u  -  f  1  e  -   -	
Spanish	e s p u t a r -			r e s p i r a r -
Italian	-  s  p  u  t  a  r  e	v o m e r e	s o f f j a r e	r e s p i r a r e
PortugueseBrazil				я e s b i u a u -
Portuguese				в i ∫ b i сас-
Catalan				r ə s p i r a
Walloon		v o: m i	s  u  -  f  1  e  -   -	
Friulian	-   s   p   u   d   a:   -   -		s o - f 1 a:	r   e   s   p   i   r   a:   -   -
Romanian		v oam e	s u - f 1 a	
	ToLaugh-Primary	ToSee-Primary	ToHear-Primary	ToKnow-Primary
Latin	r i: - d e: r e	w -   i   d   e:   r   e	a   -   d   i:   r   e	s k i: r e
			ų l	
French		v w a r - r -	$\hat{\mathbf{w}}$ $\hat{\mathbf{i}}$ $\mathbf{k}$ -	
Spanish	r e i r -	b e r -	o i r -	
Italian	r i: - d e r e	v - e d e r e	u - d i r e	
	R   i   -   -   R   -	V   -   -   -   6   R   -	owvir -	
Portuguese	R i t -	v e r -	owvir-	
Catalan	r i w r ə	b - ε w - r ə	u i	
Walloon	R i: R -	v - i: R -	Õ R -	
Friulian	r i - d i	v j o d i	u 1 d i:	
Romanian	r i - d e	v - e d ea	a - z i	
Tomanan	1 1 4 6	, , , , , , , , , , , , , , , , , , , ,	u z i	J   C   1
			×	

	ToKnow-Sapere	ToKnow-Cognoscere	ToThink-Primary	ToThink-Pensare
Latin	s a p - e r e	k o g n o: s k e r e		p e: n s a: r e
French	s a v w a r	k σ - n ε - t - в -	k y i d e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Spanish	s a b - e r -	k o - n o θ - e r -	kw i d a r -	pensar-
Italian	s a p - e r e	$k \circ - n \circ \int \int e r e$	k - o dz i t a r e	p e n s a r e
PortugueseBrazil	s a р - е в -	ko-nes-eв-	k - u 3 i t a r -	рё-ѕак-
Portuguese	s e b - e r -	k u - p i s - e r -	k - u z i t a r -	p e s a r -
Catalan	s θ β - ε	$\begin{vmatrix} k & u & j & 1 & 3 & \epsilon & 1 \\ k & u & -n & \epsilon & \int -\partial -\partial & -\partial & -\partial & -\partial & -\partial & -\partial & -\partial$		p ə n s a
Walloon	s a v - ø: R -	k i - n o h	K u Jua	
Friulian	s a v - e:	k o - p o s - i		
Romanian	S   a   V   -   C.   -   -		k - u dz e t a	p e ŋ s a: p ə - s a
Nomaman		K u - II oa j t e	$ \mathbf{K}  =  \mathbf{u} \mathbf{u}_{3} \mathbf{e} \mathbf{t} \mathbf{a} $	$ \mathbf{p} \mathbf{\theta}  -  \mathbf{s} \mathbf{a}  -  \mathbf{s} $
	ToSmell-Sentire	ToSmell-Olere	ToSmell-Odorare	ToSmell-Fragrare
Latin	s e n t i: r e	o l e: r e	o d o: r a: r e	f r a: g r a: r e
French	s a - t i r -			f   1 ε   -   R   e   -   -
Spanish	s e n t i r -	o 1 e r -		
Italian	s e n t i r e	o l i r e	o d o r a r e	f r a g r a r e
PortugueseBrazil	s e - t i в -			∫ - ej - r а в -
Portuguese	s e - t i r -			∫ - ej - r a r -
Catalan	s ə n t i	u l u r a		f l ə j r a
Walloon	$s  \tilde{\epsilon}  -  t  i  - -$			1 1 1 3 1 1 1 1
Friulian	s i n t i:			
Romanian	s i m ts i			
	ToFear-Primary	ToFear-Tremere	ToSleep-Primary	ToLive-Primary
Latin	t i m e: r e	t r e m - e r e	d - o r m i: r e	w i: w e r e
French		k   в   ё   -   d   -   в   -	q - э к m i к -	v   i   v   -   в   -
Spanish	t e m e r -	t r e m - e r -	d - o r m i r -	b   i   b   i   r   -
Italian	t e m e r e	t r e m - a r e	d - o r m i r e	v i v e r e
PortugueseBrazil	t e m e r -	t r e m - e r -	q - o r m i r -	v i v e в -
Portuguese	t i m e r -	t r i m - e r -	d - u r m i r -	v i v e r -
Catalan	t e m ə		d - u r m i	b i w - r ə
Walloon			d w a в m i	
Friulian	t e m i	t   r   i   m   -   a:   -   -	d - u r m i:	v   i   v   i   -   -
Romanian	t e m e		d - o r m i	v i - a
	ToDie-Primary	ToKill-Primary	ToKill-Adnecare	ToKill-Tutari
Latin		n - e k a: r e		t u: - t a: r i
French	m u r i r -	n w aj - e		t   -   q   -   e   -   -
Spanish	morir-		a  -  n  e  g  a  r	
	m o r i r e		a n n e g a r e	
PortugueseBrazil	m o r e r -			
_	muker-			
	muri-	n -   ə   g   a   -   -		
	m o R i			t  u  w   -  e   -   -
II				
Friulian	m u r i:			

	ToKill-Mactare	ToKill-Occidere	ToFight-Primary	ToFight-Battuere
Latin	m a k t a: r e	o k k i: d e r e	p u g n a: r e	b a t t u e r e
French	m a - t e	э k s i в -		b a - t - в -
Spanish	ma-tar-		pu-par-	b   a   -   t   -   i   r   -
İtalian		u t tf i d e r e	p u p p a r e	batt-ere
PortugueseBrazil	m a - t a r -		1 13 13 1	b a - t - e в -
Portuguese	m e - t a r -			b e - t - e r -
Catalan	m ə - t a	u k s i	p u - p a	b a - t r ə
Walloon			1	b a - t - e
Friulian	m a - tf a:			b a - t - i
Romanian	, , , <b>, ,</b> , ,	u  -  tf  i  d  e  -  -		b a - t - e
	ToHunt-Captiare	ToHit-Primary	ToCut-Primary	ToCut-Curtare
Latin	k a p t i a: r e	p u 1 s a: r e	s - e k a: r e	k u r t a: r e
French	$\int a - s - e -$	p u - s e	s j e	
Spanish	$\begin{vmatrix} \mathbf{k} & \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{\theta} & \mathbf{a} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{r} & \mathbf{r} \end{vmatrix}$	pu-xar-	s - e g a r -	kortar-
Italian	k a t tf - a r e	p u 1 s a r e	s - e g a r e	
PortugueseBrazil		р u - ) а в -	s - e g a r -	kortar-
Portuguese	k e - s - a r -	$\begin{vmatrix} \mathbf{r} & \mathbf{u} \\ \mathbf{p} & \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{f} & \mathbf{a} \\ \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{f} & \mathbf{r} \end{vmatrix}$	s - i y a r -	kurtar-
Catalan	k ə - s - a	IF 1   J	$\begin{vmatrix} s & - & b & y & a & - & - \end{vmatrix}$	101110101
Walloon	tf ε - s - i:			
Friulian	c a - tf - a:	p u 1 s a:	s - e - a:	
Romanian		p u 1 s a	-   -     -	
	ToCut-Excurtare	ToCut-Taliare	ToSplit-Primary	ToSplit-Scindere
Latin	e k s k u r t a: r e	t a: - 1 i a: r e	d i: w i d e r e	skindere
French	e k u r t e	t a j e		$ s  -  \tilde{\epsilon}  -  d   e  -  -$
Spanish		ta-x-ar-	d   i   b   i   d   i   r   -	
Italian	-   -   s   k   o   r   t   a   r   e	t a - A A a: r e	d i v i d e r e	$\int  - i n d e r e$
PortugueseBrazil		t а - Л - а в -	dzividzis-	
Portuguese			COLVICT D	
		t e - A - a r -	d i v i ð i r -	
Catalan				
			d i v i ð i r -	
Catalan	- - s k u r t a: - -	t ə - 1 - a	d i v i ð i r -	
Catalan Walloon	-   -   s   k   u   r   t   a:   -   -   -   s   k   u   r   t   a   -   -   -   -   -   -   -   -   -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Catalan Walloon Friulian		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	d i v i ð i r - d i b i d i	ToStab-Primary
Catalan Walloon Friulian	ToSplit-Findere  f i n d e r e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	d i v i d i d i v i d i d i v i d e	ToStab-Primary
Catalan Walloon Friulian Romanian	ToSplit-Findere	t ə - ʎ - a t ɛ j i: t a j a: - t ə j a ToSplit-Partire	d i v i d i d i v i d i  d i v i d e  ToSplit-Separare	
Catalan Walloon Friulian Romanian	ToSplit-Findere  f i n d e r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d i v i ð i r - d i v i d i - d i v i d e -  ToSplit-Separare s e: p a r a: r e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian	ToSplit-Findere  f i n d e r e f α d - β - e n d e r e f ε n d e r e	t θ - Λ - a  t ε j a:  t θ j a  ToSplit-Partire  p a r t i: r e  p a r t i r e	d i v i d i  d i v i d i  d i v i d e  ToSplit-Separare  s e: p a r a: r e s ə v в e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish	ToSplit-Findere  f i n d e r e f α d - β - e n d e r e f ε n d e r e	t θ - K - a  t ε j i:  t a j a: -  t θ j a  ToSplit-Partire  p a r t i: r e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r e	d i v i d i  d i v i d i  d i v i d e  ToSplit-Separare  s e: p a r a: r e s ə v	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian	ToSplit-Findere  f i n d e r e f α d - β - e n d e r e f ε n d e r e	t θ - K - a t ε j i: t a j a: t θ j a  ToSplit-Partire  p a r t i: r e p a r t i r - p a r t i r e	d i v i d i d i v i d i  d i v i d e  ToSplit-Separare  s e: p a r a: r e s ə v в e s e p a r a r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	ToSplit-Findere  f i n d e r e f α - d - в - e n d e r - f ε n d e r e f ẽ - d e в - f ẽ - d e r - f ε n d - r - f ε n d - r -	t θ - K - a  t ε j i:  t a j a: -  t θ j a  ToSplit-Partire  p a r t i: r e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r e	d i v i ð i r - d i v i d i  d i v i d e  ToSplit-Separare  s e: p a r a: r e s e p a r a r - s e p a r a r e s e p a r a r e s e p a r a r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	ToSplit-Findere  f i n d e r e f α - d - в - e n d e r - f ε n d e r e f ᾶ - d e r - f ε n d e r - f ε n d e r - f ε n d e r - f ε n d e r -	t ε j i:  t ε j a: -  Tosplit-Partire  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r e	d i v i ð i r - d i v i d i  d i v i d e  ToSplit-Separare  s e: p a r a: r e s e p a r a r e s e p a r a r e s e p a r a r e s e p a r a r e s e p a r a r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	ToSplit-Findere  f i n d e r e f α - d - в - e n d e r - f ε n d e r e f ẽ - d e в - f ẽ - d e r - f ε n d - r - f ε n d - r -	t ə - K - a t a j i: t a j a: - t ə j a: - Tosplit-Partire p a r t i: r e p a r t i r e p a r t i r e p a r t i r e p a r t i r e p a r t i r e p a r t i r e p a r t i r - p a r t i r - p a r t i r - p a r t i r -	d i v i ð i r - d i v i d i  d i v i d e  ToSplit-Separare  s e: p a r a: r e s e p a r a r e s e p a r a r e s e p a r a r e s e p a r a r e s e p a r a r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

	ToStab-lugulare	ToScratch-Primary	ToScratch-Rasare	ToScratch-Rasicare
Latin	j u g u l a: r e	r a: d e r e		
French	3 y g y 1 e		в а z е	
Spanish		ra-er-	r a s a r -	r a s k a r
Italian	j u g u l a: r e	radere	r a s a r e	
PortugueseBrazil		ва-ев-	в а z а в -	в a ∫ k a в
Portuguese		R B - 6 L -	R B Z a L -	в в р ка t
Catalan		r a w - r ə	r ə z a	r ə s k a -
Walloon				
Friulian		r a d a:	r   a   s   a:   -   -	
Romanian		r a d e		
	ToScratch-Coctiare	ToDig-Primary	ToDig-Cavare	ToDig-Excavare
Latin		f - o d e r e	k a w a: r e	e k s k a w a: r e
French		f w i в -	$\int  \mathbf{a}  \mathbf{v}  \mathbf{e}  -  \mathbf{c} $	
Spanish			k a b a r -	e - s k a b a r -
Italian			k a v a r e	s k a v a r e
PortugueseBrazil	k o s a 1		k e v a r -	i -
Portuguese	k u s a r		k e v a r -	i -   j   k   e   v   a   r   -
Catalan			k ə b a	13
Walloon				
Friulian			f a v a:	-   -   z   <del>J</del>   a   v   a:   -   -
Romanian				
	ToSwim-Primary	ToSwim-Navigare	ToFly-Primary	ToFly-Exvolare
Latin	n - a t a r e	n a v i q a: r e	w o l a: r e	
French		n a 3 e	v o 1 e	
Spanish	n - a d a r -	n a b e g a r -	b o 1 a r -	
Italian	n w o t a r e	n a v i g a r e	v o l a r e	z v o l a r e
PortugueseBrazil	n - a d a в -	n a v i y a r -	v o - a r -	
Portuguese	n - e ð a r -	n e v i y a r -	v w - a r -	
Catalan	n -   ə   d   a   -   -	n ə b ə g a	b u 1 a	
Walloon		n   ε   -   -   dz   i:   -   -	v   o   1   e   -   -	
Friulian	n - a d a:	n a v i g a:		z v o 1 a:
Romanian		n a v i g a		z b u r a
	ToWalk-Primary	ToWalk-Marcher	ToWalk-Mergere	ToWalk-Ambitare
Latin			m e r g e r e	a m b i t a: r e
French	$\int \left  \mathbf{\partial} \right  - \left  \mathbf{m} \right  \mathbf{i} \left  \mathbf{n} \right  \mathbf{e} \left  - \right  - $	m a r f e		
Spanish	ka-minar-			a n d a r -
Italian	k a m m i n a r e		$m \mid \varepsilon \mid r \mid d_{\mathcal{G}} \mid e \mid r \mid e$	a n d a r e
PortugueseBrazil				8 - q - a r -
Portuguese	ke-mipar-			-   a   r   -   g
Catalan	k   ə   -   m   i   n   a   -   -			
Walloon	tf   i   -   m   i   n   e   -   -	m a: R tf i:		
Friulian	c a - m i n a:			
Romanian			m e r dz e	

	ToCome-Primary	ToLieAsInABed- Primary	ToLieAsInABed-lacere	ToSit-Primary
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	w       e       n       i:       r       e         v       e       n       i       r       -         v       e       n       i       r       -         v       -       -       i       r       -         v       i       n       i       -       -         v       i       n       i       -       -         v       e       n       i       -       -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	j a - k e: r e  3 e - z i κ -  3 e - z e κ -  3 e - z e κ -  3 e - z e κ -  3 e - r e  5 e r - r e  6 e r - r e  6 e r - r e  7 e r e  8 e r - r e  9 e r - r e  1 e r e  1 e r e	S   W   a   -   -   B   -
	ToSit Sedentare	ToStand Primary	ToStand Levare	ToStand-Altiare
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	ToSit-Sedentare    s   e   d   e   n   t   a: r   e     s   e   -   -   n   t   a   r   -     s   e   -   -   t   a   r   -     s   e   -   -   n   t   a: -   -	ToStand-Primary  - s t a: r e ε - t - в - e s t a r e i ∫ t a r - i ∫ t a r - s t a - s s t a - s s t a - s s t a - s s t a - s s t a -	ToStand-Levare    1   e   v   a: r   e     1   ə   v   e   -     j   e   b   a   r   -     1   e   v   a   r   e     1   i   v   a   r   -     1   a   v   e   -     1   e   v   a: -	-
Romanian		- s t a	1 - u a	
	ToTurnIntransitive-	ToTurnIntransitive-	ToTurnIntransitive-	ToTurnIntransitive-
Latin	Primary t o r n a: r e	Gyrare g y r a: r e	AncestralClass3	Torquere t o r k <sup>w</sup> e: r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	t u s n e t o r n a r - t o r n a r e	3   i   B   e   -   -	v       i       r       a       -         b       i       r       a       r         v       i       r       a       r         z       i       r       a       r         b       i       r       a       r         v       i       s       e       -         v       i       s       e       -         d       s       e       -       -	t o r k e: r e  t o r θ e r - t o r t e r e  t u r s e r - t u r s e r - t u r s e r -
	ToFall-Primary	ToFall-Tumbare	ToGive-Primary	ToGive-Donare
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	k - a d e r e  ∫ w a	t   \vec{o}   -   b   e   -   t   u   m   b   a   r	d a r e  d a r e  d a r e  d a r e  d a r -  d a r -  d a r -  d a r -	d o n a: r e d o n a r - d o n a r e d o n a r e d o n a r e d o - a d u - a r - d u n a d i n e d o n a:

	ToHold-Primary	ToHold-Segurar	ToSqueeze-Primary	ToSqueeze-Serrere
Latin	t e n - e: r e		e k s p r i m - e r	es e r r e r e
French	t ə n - i в -		e   -   -   b   R   ξ   -   q   -   R	_
Spanish	t e n - e r -	s e g u r a r	eksprem-ir	se-rar
Italian	t e n - e r e		s p r ε m - e r	
PortugueseBrazil	t e r	s i g u r a r		- s   e   -   в   а   -   -
Portuguese	t e r -	s i y u r a r		sə Rar
Catalan	t ə n - i		J 1	-s ə - r a
Walloon	t i n - i		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Friulian	t i n j i		e - s p r i m - i -	
Romanian	ts i n - e		- s k - r e m - e -	_
T COTTIGHT OF T	ToSqueeze-Serare	ToSqueeze-	ToSqueeze-Stringere	ToRub-Primary
	100400020 001010	Appectorare	100quoozo oumgoro	Tortab Timiary
Latin	se-rare		6 -   s   t   r   i   n   g   e   r   e	f r i k a: r e
French	s e - R e	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f в εj е
Spanish	$\theta \mid e \mid - \mid r \mid a \mid r \mid -$	$ \mathbf{a}  -  \mathbf{p}  -  \mathbf{r}   \mathbf{e}   \mathbf{t}   \mathbf{a}   \mathbf{r} $	e s t r e n - i r -	fregar-
Italian	s e r r a r e		- s t r i n dz e r e	
PortugueseBrazil		$ \mathbf{v}  -  \mathbf{p}  \mathbf{i}   -  \mathbf{r}  -  \mathbf{t}  \mathbf{a}  \mathbf{r} $	$-\partial \int \mathbf{t} \mathbf{r} \tilde{\mathbf{i}} - \mathbf{g} \mathbf{i} \mathbf{r} -$	1 1 1 1 7 1 <b>3</b> 1 <del>2</del> 1 <b>2</b> 1
Portuguese	s i - R a t -	e - p i - r - t a r	$-\frac{3}{9}\int_{0}^{1}t r \tilde{1} - \frac{3}{3}i r - \frac{1}{3}$	
Catalan			ə s t r ε n - ə	f   r   ə   g   a   -   -
Walloon	$ \mathbf{s}   \mathbf{\epsilon}  -  \mathbf{R}   \mathbf{e}  -  \mathbf{r} $		- s t r i n g e	f r oj
Friulian	S   C     K   C		$-$ s t r $\varepsilon$ n g i: $ -$	f r e - a
Romanian			- s t r i n dz e	f r e k a
TOHAHAH	ToRub-Exfricare	ToRub-Frictare	ToRub-Frictiare	ToWash-Primary
Latin		f r i k t a: r e		l a w a: r e
French		f r o - t e		1 a v e
Spanish		fro-tar-	f r i s a r	l aβar-
Italian		f r e t t a r e	12 12 12 10 14 12	l a v a r e
PortugueseBrazil	i f f c i g a c			l e v a r -
Portuguese	i f r i y a r			l e v a r -
Catalan	I   J   I   I   I   Y   a   I		f r a s a -	ле v а г
Walloon		f   u   o   -   t   e   -   -	1 1 8 3 a	1 a v e
Friulian		1   D   U   -   t   C   -   -		1 a v e 1 a v a:
Romanian				1 a v a
TOHIGHIGH	ToWipe-Primary	ToWipe-Extergere	ToWipe-Exsucare	ToWipe-Limpidare
Latin	t e r g e r e	e k s t e r g e r e		l i m p i d a: r e
French	10,0,1,9,0,1,0		e - s y i - j e	- - m   -  -   -  -  -  -  -  -  -  -
Spanish		e - s t a r s i r -	-   0   q   1     J   0	1   i   m   p   j   -   a   r   -
Italian	t ε r dz e r e		$ a  \int  \int  - u  g - a  r  e $	-   -   m   P   J
PortugueseBrazil	t   t   T   ug  t   T   t		$\tilde{e} - \int - u g - a r -$	1   î   -   p   -   -   a   r   -
Portuguese			$\tilde{e} - \int - u y - a r$	$\left \begin{array}{c c c c c c c c c c c c c c c c c c c$
Catalan			$\begin{vmatrix} \mathbf{e} & \mathbf{f} & \mathbf{u} & \mathbf{f} & \mathbf{g} \\ \mathbf{e} & \mathbf{f} & \mathbf{u} & \mathbf{g} \\ \mathbf{e} & \mathbf{g} & \mathbf{g} \end{vmatrix} = \begin{vmatrix} \mathbf{g} & \mathbf{g} \\ \mathbf{g} & \mathbf{g} \\ \mathbf{g} & \mathbf{g} \end{vmatrix} = \begin{vmatrix} \mathbf{g} & \mathbf{g} \\ \mathbf{g} & \mathbf{g} \\ \mathbf{g} & \mathbf{g} \end{vmatrix}$	1   1
Walloon		0   3   1   8   1   3   1   -   -	- s - u - w e	
!				
Eriiiian			0 11 10	
Friulian Romanian		  - - \int   t   e   r   dz   e   -   -	-	

	ToPull-Primary	ToPull-Pulsare	ToPull-Trahere	ToPush-Primary
Latin	t i r a: r e	p u l s a: r e	t r a h e r e	impingere
French	t i	p u - s e	t   R   -   -   ε   R   -	
Spanish	t i r a r -	pu-xar-		
Italian	t i r a r e	p u l s a r e	t   r   a   r   -   r   e	impindere
	tfira	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{u} - \begin{vmatrix} \mathbf{r} \\ \mathbf{a} \end{vmatrix} \mathbf{r} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	t r a z e	11111311
Portuguese	t i r a r -	$\begin{vmatrix} \mathbf{r} & \mathbf{u} \\ \mathbf{p} & \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{J} & \mathbf{a} \\ \mathbf{r} \end{vmatrix} = \mathbf{r}$	t r e z e r -	
Catalan	t i r a		t r & w - r ə	$ \mathbf{a}  \mathbf{m}  \mathbf{p}  \mathbf{\epsilon}  \mathbf{n}  -  \mathbf{a}  -  \mathbf{m} $
Walloon	t i r e	p   u:   s   i:   -   -   -		
Friulian	t i r a:	p u l s a:	t   r   aj   -   -   -	
Romanian	t   1   1   u	p u l s a	t r a dz e	i m p i n d e
Ttomaman	ToThrow-Primary	ToThrow-Lanceare	ToThrow-Eruncare	ToTie-Primary
Latin	j a k t a: r e	l a n k e a: r e	e: - r u n k a: r e	l i g a: r e
French	3 9 - t e	1 \vec{a} - s - e	c. I u II K a. I C	1 i g a. i e
Spanish	-   e   -   t   a   r   -	$\begin{vmatrix} 1 & a & - & s & - & e & - & - \\ 1 & a & n & \theta & - & a & r & - \end{vmatrix}$	a - r a n k a r -	legar-
Italian	dz e t t a r e	1 a n tf - a r e	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	l e g a r e
PortugueseBrazil		1 a 11 y - a 1 e 1 e 1 e 1 e 1 e 1 e 1 e 1 e 1 e 1	$ a ^{1} ^{1} 0 ^{11} y a ^{1} e$	$ 1  \in  y  a  1  \in$
Portuguese				
Catalan				(   ;   , ,   ,
Walloon				Λiγa
Friulian	dg ε - t e	1 a n c - i:		1 oj i:
1		1   a   n   tf   -   a:   -   -		1 e - a:
Romanian	T.T: - A	T. O Duine	a - r u ŋ k a	1 e g a
Latin	ToTie-Aptare	ToSew-Primary	ToCount-Primary	ToCount-Numerare
	a p t a: r e		k o m p u t a: r e	n u m - e r a: r e
French		k u - d   r   -	k ő – – t e – –	п   5   -   b   -   в   е   -   -
Spanish	a - tar-	kos-er-	k o n t a r -	
Italian		ku tf - i r e	k o n t a r e	n o v - e r a r e
PortugueseBrazil		ku z - e r -	k õ t a r -	
Portuguese	e - tar-	ku z - e r -	k õ – – t a r –	
Catalan		k u -   -   z   -   i   -   -	k u m t a	n u m - e r a
Walloon		k ø: z	k õ t e	
Friulian		k u z - i	k o n t a:	n u m - e r a:
Romanian		c oa -   -   s   -   e   -   -		n u m - a r a
	ToSay-Primary	ToSay-Exponere	ToSing-Primary	ToPlay-Ludere
Latin	d i: k e r e	e k s p o: n e r e	k a n t a: r e	1 u: d e r e
French	q i R -	1 1 1 1 1 1 1 1 1 1 1	$\int  \tilde{a}  -  t  e -  -$	1 1 1 1 1 1
Spanish	d e θ i r -		k a n t a r	l   u   d   i   r   -
Italian	d i - r e	-   -   s   p   o   r   -   r   e	k a n t a r e	
PortugueseBrazil	d i z e r -		k e - t a r -	
Portuguese	d i z e r		k e - t a r -	
Catalan	d i		k ə n t a	
Walloon	q i: R -		$\mathfrak{t} \mid \tilde{\mathfrak{a}} \mid - \mathfrak{t} \mid e \mid - \mid -$	
Friulian	d i:		c a n t a:	
Romanian	$\begin{bmatrix} z & i \\ z & i \end{bmatrix} $ $\begin{bmatrix} e & - & - \end{bmatrix}$	-   -   s   p   u   n   e   -   -	k i n t a	
	4 1 U C	o p u II c	1 1 1 t u	

	ToPlay-Jiocare	ToFloat-Primary	ToFloat-Fluitare	ToFlow-Primary
Latin	j o - k a: r e	f l u: k t u a: r e	f l u i t a: r e	f l u e r e
French	3 - w - e	f 1 y k t y e		f 1 y e
Spanish	x u - g a r -	f l u g t w a r -		f l u i r -
Italian	dg o - k a r e	f l u t t u a r e	f l u i t a r e	f l u i r e
PortugueseBrazil		f 1 u - t u a в -	1 1 1 1 1 1 1 1 1 1 1 1 1	f 1 w i в -
Portuguese	3 u - y a r -	f l u - t u a r -		f l w i r -
Catalan	3 u - g a	f l u k t u a		f 1 u i
Walloon	dy u w - e			
Friulian	dy u j - a:			
Romanian	3 u - k a	f   1   u   c   t   u   a   -   -		
rtorriariari	ToFlow-Colare	ToFlow-Excurrere	ToFlow-Currere	ToFreeze-Primary
Latin	k o: 1 a: r e	e k s k u r r e r e		g e l a: r e
French	k u 1 e		ku - ri r -	3 ə 1 e
Spanish	k o l a r -	e - s k u - r i r -	ko-rer-	- e l a r -
Italian	k o l a r e	- s k o r r e r e	k o r r e r e	dg e l a r e
PortugueseBrazil		i - \( \rangle \) k o - k e k -	k o - R 6 R -	3 i 1 a r -
Portuguese	k u - a r -	$i - \int k u - R e r$	k u - k e t -	3 i l a r -
Catalan	k u ł a	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k o - r ə	3 ə 1 a
Walloon	k o 1 e		k o r o r o r o r o r o r o r o r o r o	dg a 1 e
Friulian	K 3 I C	-   -   s   k   o   -   r   i:   -   -		us a li c
Romanian		- s k u r dz e		
Nomanian	ToFreeze-Glaciare	ToFreeze-Inglaciare		ToSwell-Conflare
Latin	g l a - k i a: r e	i n g l a k i a: r e		- k - o n f l a: r e
French	g 1 a - k 1 a. 1 e	1   11   9   1   a   K   1   a.   1   e	$\tilde{\alpha}$ - f l e	- g - õ - f l e
Spanish	9   1   a   -   5   -   e   -   -		$\begin{vmatrix} \mathbf{a} & \mathbf{r} & \mathbf{r} & \mathbf{r} \\ \mathbf{i} & \mathbf{n} & \mathbf{f} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix}$	
Italian	g j a t f j a r e		e n f i a r e	-   g   -   o   n   f   j   a   r   e
PortugueseBrazil	g  j  a  i  y  j  a  i  e		$\tilde{1} - \int -a f$	$ - g - O \Pi \Gamma J a \Gamma e$
			3	
Portuguese Catalan			$\tilde{\mathbf{i}} - \int - \mathbf{a} \cdot \mathbf{f} - \mathbf{i} \cdot \mathbf{m} \cdot \mathbf{f} \cdot \mathbf{l} \cdot \mathbf{a} \cdot \mathbf{f} - \mathbf{i} \cdot \mathbf{m} \cdot \mathbf{f} \cdot \mathbf{l} \cdot \mathbf{a} \cdot \mathbf{f} - \mathbf{i} \cdot \mathbf{m} \cdot \mathbf{f} \cdot $	
Walloon	g   1   ə   -   s   -   a   -   -		$\tilde{e} - f l e$	
Friulian				- g - õ - f 1 e
Romanian	g   1   a   -   tf   -   a:   -   -	i n a lata la		z   g   1   o   ŋ   f   -   a:   -   -
Nomaniali	ToSwell-Intumescere	i n g - e ts - a ToSwell-Crescere	u m f l a ToBurn-Cremare	ToBurn-Flammare
Latin	i n t u m e: s k e r		k r e m a: r e	f l a m m a: r e
French	1   II   t   t   III   C   S   K   C   I	k k m a - t - k -	k k a m e	f l a - m e
Spanish	$ e  n  t  u  m  e  \theta  -  e  r$		k - e m a r -	1   1   a   -   III   C   -   -
Italian		$\begin{vmatrix} \mathbf{k} & \mathbf{r} & - & \mathbf{e} & \mathbf{f} & - & \mathbf{e} & \mathbf{f} & - & \mathbf{e} \\ \mathbf{k} & \mathbf{r} & - & \mathbf{e} & \mathbf{f} & \mathbf{f} & \mathbf{e} & \mathbf{r} & \mathbf{e} \end{vmatrix}$	k r e m a r e	f j a m m a r e
PortugueseBrazil	ĩ   -   t   u   m   e   s   -   e   r	-k t - 6 2 - 6 R -	k r e m a r e k - ej m a r e	
Portuguese		-k r - e s - e s -	3	
0	î - t u m e s - e r		k - ej m a ʁ e	f   1   a   -   m   a   -   -
Catalan		k r - e -     a	k r   ə   m   a   -   -	
Walloon		k   r   -   e   -   J   ə   -   -	$ \mathbf{K} \mathbf{r} \mathbf{\vartheta} \mathbf{m} \mathbf{a} $ - $ $ -	
			$ \mathbf{K}_{\perp}\mathbf{r} \mathbf{\vartheta} \mathbf{m} \mathbf{a} $ - $ \mathbf{r} $	f   l   a   -   m   a   -   -

	ToBurn-Ardere	ToBurn-Flagrare	ToBurn-Incendere	ToBurn-Ustulare
Latin	a r d e: r e	f l a g r a: r e	i n k e n d - e r e	
French	a r q - r -	f 1 a g в е	$ \tilde{\epsilon}  -  s   \tilde{\alpha}  -  d   j   e  -  -$	
Spanish	arder-	f l a g r a r -	e n θ e n d - e r -	
Italian	a r d e r e	f l a g r a r e	i n tf ε n d j a r e	u s t o l a r e
PortugueseBrazil	а к q в к -	f 1 a g r a r -	ĩ - s e n d I a r -	
Portuguese	e r d e r -	flagrar-	ĩ - s ẽ - ď j a r -	
Catalan			ə n s e n d r ə	
Walloon				
Friulian				
Romanian	a r d e		i n t i n d 3 e	u s t u r a
	All-Primary	All-Totus	Many-Primary	Many-Tantus
Latin	o m n i s	t or - t u s	m u l t u s	t a n t u s
French		t  u   -   -   -	m u	
Spanish		t o - d o -	m u - f o -	t a n t o -
Italian	o n n i -	t u t t o -	m o 1 t o -	t a n t o -
PortugueseBrazil		t o - d u -	$\mathbf{m} \begin{vmatrix} \tilde{\mathbf{u}} & \tilde{\mathbf{j}} \end{vmatrix} - \mathbf{t} \begin{vmatrix} \mathbf{u} \end{vmatrix}$	$ t  \tilde{e} -  t  u -$
Portuguese		t o - ð u -	$\mathbf{m}   \tilde{\mathbf{u}}   \tilde{\mathbf{j}}   -   \mathbf{t}   \mathbf{u}$	$ t  \tilde{e} -  t  u -$
Catalan		t o - t	m o 1	t a n t
Walloon		t   o   -   -   -		
Friulian		d u - t	m o 1 c	t a n c
Romanian		t o - t	m u 1 t	
1 4	Some-Primary	Few-Primary	Other-Primary	Other-Alius
Latin		p a k u s	a   1   t   e   r   -	a l i u s
French	o - k   e =   -	$\left \begin{array}{c c} \ddot{\mathbf{u}} \\ \ddot{\mathbf{p}} & \ddot{\mathbf{o}} \end{array}\right _{-} \left \begin{array}{c c} & & & \\ & & & \end{array}\right _{-}$	-   -	
Spanish	a l g u n o	poko-	o - t - r o	
Italian	a l k u n o	p o k o -	o - t - r o a 1 t - r o	
PortugueseBrazil		p o w k u	o w t - r u	3 W -   -   -
Portuguese	a ł g ũ	p o w k u	owt - ru	a   w   -   -   -   -
Catalan	ə 1 g u	p o w k u	$\begin{bmatrix} \mathbf{a} & \mathbf{t} & \mathbf{t} & \mathbf{r} & \mathbf{t} \\ \mathbf{a} & \mathbf{t} & \mathbf{t} & -\mathbf{r} & \mathbf{s} \end{bmatrix}$	a 1
Walloon	10   1   9   4	$\begin{vmatrix} \mathbf{p} & 3 & \mathbf{k} \\ \mathbf{p} & \mathbf{\tilde{o}} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix}$	$\tilde{o} - t$	
Friulian		p o: k	$\begin{bmatrix} a & 1 & t \\ a & 1 & t \end{bmatrix}$ - $\begin{bmatrix} r & i \end{bmatrix}$	
Romanian			a 1 t	
	Big-Primary	Big-Grandem	Big-Majjorem	Long-Longum
Latin	m a g n u s	g r a n d e m	m aj j o: r e m	longus
French		d R a	3,3,1,1	$\begin{bmatrix} 1 & \tilde{5} \\ 1 & \mathbf{\tilde{5}} \end{bmatrix} = \begin{bmatrix} \mathbf{\tilde{5}} & \mathbf{\tilde{5}} \\ - & - \end{bmatrix} = \begin{bmatrix} \mathbf{\tilde{5}} & \mathbf{\tilde{5}} \\ - & - \end{bmatrix}$
	m a - n o -	g r a n d e -		1 o n g o -
Italian	manno -	grande-		1 u n g o -
PortugueseBrazil		greddi-		$\begin{vmatrix} 1 & \tilde{o} \end{vmatrix} - \begin{vmatrix} \tilde{g} & u \end{vmatrix} - \end{vmatrix}$
Portuguese		grēdi-		$\begin{vmatrix} 1 & \tilde{o} \end{vmatrix} - \begin{vmatrix} \tilde{g} & u \end{vmatrix} - \end{vmatrix}$
Catalan		g r a n		Λ o ŋ
Walloon		g r g		1   0   -   -   -
Friulian		g r a n t		1 u n k
Romanian			mare	1   u   n   g   -   -

	Long-Largum	Wide-Primary	Wide-Amplum	Thick-Primary
Latin	l a r g u s	l a: t u s	amplus	k r a s s u s
French	1 а в 3	1 e	$ \tilde{a}  -  \tilde{p}  1  - -$	д в а
Spanish	1 a r y o -	lato-	a n f - o -	g r a - s o -
Italian	1 a r g o -	1 a t o -	ampjo-	g r a s s o -
PortugueseBrazil	1 a в g u -	1 a t u -	$ \tilde{e}  -  \int_{0}^{1}  u  -  u $	9   12   2   2
Portuguese	largu-	1 a t u -	$\begin{vmatrix} \tilde{e} \\ - \end{vmatrix} - \begin{vmatrix} J \\ J \end{vmatrix} - \begin{vmatrix} u \\ u \end{vmatrix} - $	$ g  \cdot  a  -  \int  u  -$
Catalan	багва		amplə-	gra-s-
Walloon	11   u   1   K			9   1   4     5
Friulian	1 a r k			g r a s
Romanian	1 a r g	1 a t		gras
Ttorriariari	Thick-Spissum	Thick-Gurdum	Thick-Grossus	Heavy-Primary
Latin	- s p i s s u s	g u r d u s	g r o - s s u s	g r a w i s
French	e - p e		g R O	g κ i j ε f
Spanish	e s p e s o	gordo-	9 15 10	gra-be-
Italian	- s p e s s o -	9 0 1 4 0	g   r   o   -   s   s   o   -	$g \mid a \mid - \mid b \mid e \mid - \mid g \mid r \mid \epsilon \mid - \mid - \mid v \mid e \mid - \mid - \mid $
PortugueseBrazil	$i \mid s \mid p \mid \epsilon \mid s \mid s \mid u \mid -$		$g \cap g \cap$	gra-ve-
Portuguese	$\begin{vmatrix} i & s & p & e \\ i & f & p & e \end{vmatrix} - \begin{vmatrix} s & u \\ s & u \end{vmatrix} - \begin{vmatrix} s & u \\ s & u \end{vmatrix}$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	gra-vi-
Catalan	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$g \circ g \circ$	grew
Walloon	- s p ε		9 1 3 8	
Friulian	- S P E - - - -		$ \mathbf{g}  \mathbf{r}  \mathbf{w}  \mathbf{\varepsilon}  \mathbf{s}  -  - -$	
Romanian			•	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Rullallall			g r o - s	a r e w
	Ha ava d vindica	Con all Duine am		
Latin	Heavy-Lurdus	Small-Primary	Small-Pittinus	Small-Pitulus
Latin	1 u r d u s	p i t t i t u s		
French	1 u r d u s		Small-Pittinus  p i t t i n u s	Small-Pitulus
French Spanish	1 u r d u s 1 u в 1 e r d o -	p i t t i t u s	Small-Pittinus	Small-Pitulus  p   i   -   t   u   1   u   s
French Spanish Italian	1 u r d u s 1 u в 1 e r d o - 1 o r d o -	p i t t i t u s	Small-Pittinus	Small-Pitulus
French Spanish Italian PortugueseBrazil	l u r d u s l u в l e r d o - l o r d o - l e r d o -	p i t t i t u s	Small-Pittinus	Small-Pitulus  p   i   -   t   u   1   u   s
French Spanish Italian PortugueseBrazil Portuguese	1 u r d u s 1 u в 1 e r d o - 1 o r d o -	$\left  \begin{array}{c c c c c c c c c c c c c c c c c c c $	Small-Pittinus	Small-Pitulus  p   i   -   t   u   1   u   s
French Spanish Italian PortugueseBrazil Portuguese Catalan	l u r d u s l u в l e r d o - l o r d o - l e r d o -	$\left  \begin{array}{c c c c c c c c c c c c c c c c c c c $	Small-Pittinus	Small-Pitulus  p   i   -   t   u   1   u   s
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	l u r d u s l u в l e r d o - l o r d o - l e r d o -	p i t t i t u s	Small-Pittinus	Small-Pitulus    p   i   -   t   u   1   u   s    p   i   k   k   o   1   o   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	l u r d u s l u в l e r d o - l o r d o - l e r d o -	$\left  \begin{array}{c c c c c c c c c c c c c c c c c c c $	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t f i n o - p e - k e n u - p i - k e n u - p i - k e n u - p	Small-Pitulus  p   i   -   t   u   1   u   s
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	l u r d u s l u r d o - l e r d o - l e r d o - l e r d o - l e r d o - l e r d o -	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Small-Pittinus	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	1	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t f i n o - p e - k e n u - p i - k e n u - p i - k e n u -         p u - ts i n	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	1 u r d u s	p   i   t   t   i   t   u   s   p   a   -   t   i   t   -   -   -	Small-Pittinus	Small-Pitulus
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	1	p   i   t   t   i   t   u   s   p   θ   -   t   i   t   -   -   -	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t i n o - p e - k e n u - p i - k e n u - p i - k e n u -         p u - ts i n - Narrow-Primary         a n g u s t u s	Small-Pitulus
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	1	p   i   t   t   i   t   u   s   p   a   -   t   i   t   -   -   -	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t f i n o - p e - k e n u - p i - k e n u -         p i - k i n         Narrow-Primary         a n g u s t u s         a n g o s t o -	Small-Pitulus
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	1	p   i   t   t   i   t   u   s   p   a   -   t   i   t   -   -     -	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t i n o - p e - k e n u - p i - k e n u - p i - k e n u -         p u - ts i n - Narrow-Primary         a n g u s t u s	Small-Pitulus
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	Short-Primary  k u r t u s k u r t u s k u r t o - k o r t o - k u r t u -	p   i   t   t   i   t   u   s   p   a   -   t   i   t   -   -   -	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t f i n o - p e - k e n u - p i - k e n u -         p i - k i n         Narrow-Primary         a n g u s t u s         a n g o s t o -	Small-Pitulus
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	Short-Primary  k u r t u s k u s k o r t o - k u s t u - k u r t u - k u r t u -	p   i   t   t   i   t   u   s   p   a   -   t   i   t   -   -   -       p   a   -   t   i   t   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   t   -   -   -     p   i   -   t   i   t   -   -     p   a   -   t   i   t   -   -   -     p   a   -   t   i   t   -   -   -     p   a   -   t   i   t   -   -   -     p   a   -   t   i   t   -   -   -     p   a   -   t   i   t   t   -   -   -     p   a   -   t   i   t   t   -   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   a   t   t   t   t   -     p   a   a   t   t   t   t   -     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t f i n o - p e - k e n u - p i - k e n u -         p i - k i n         Narrow-Primary         a n g u s t u s         a n g o s t o -	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Short-Primary  k u r t u s k u r t u s k u r t o - k o r t o - k u r t u - k u r t u - k u r t u - k u r t u - k u r t u -	p   i   t   t   i   t   u   s   p   a   -   t   i   t   -   -   -       p   a   -   t   i   t   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   t   -   -     p   i   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   t   -     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t f i n o - p e - k e n u - p i - k e n u -         p i - k i n         Narrow-Primary         a n g u s t u s         a n g o s t o -	Small-Pitulus
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	Short-Primary  k u r t u s k u r t u s k u r t u - k u r t u - k u r t u - k u r t u - k u r t - k u r t - k u r t - k u r t - k u r t -	p   i   t   t   i   t   u   s   p   a   -   t   i   t   -   -   -       p   a   -   t   i   t   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   t   -   -   -     p   i   -   t   i   t   -   -     p   a   -   t   i   t   -   -   -     p   a   -   t   i   t   -   -   -     p   a   -   t   i   t   -   -   -     p   a   -   t   i   t   -   -   -     p   a   -   t   i   t   t   -   -   -     p   a   -   t   i   t   t   -   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   a   t   t   t   t   -     p   a   a   t   t   t   t   -     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t f i n o - p e - k e n u - p i - k e n u -         p i - k i n         Narrow-Primary         a n g u s t u s         a n g o s t o -	Small-Pitulus
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Short-Primary  k u r t u s k u r t u s k u r t o - k o r t o - k u r t u - k u r t u - k u r t u - k u r t u - k u r t u -	p   i   t   t   i   t   u   s   p   a   -   t   i   t   -   -   -       p   a   -   t   i   t   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   -   -   -     p   i   -   t   i   t   -   -     p   i   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   -   -     p   a   -   t   i   t   t   -     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p   a   a   t   t   t   t   t     p	Small-Pittinus         p i t t i n u s         p e - k e n o - p i t t f i n o - p e - k e n u - p i - k e n u -         p i - k i n         Narrow-Primary         a n g u s t u s         a n g o s t o -	Small-Pitulus

	Thin-Primary	Thin-Delicatus	Thin-Subtilis	Warm-Primary
Latin	m i n u: - t u s	d e: 1 i k a: t u s	s u b t i: 1 e m	k a l i d u s
French	m ə n y	d u: 3 e:		∫ o
Spanish	m e n u - d o -	d e 1 - y a ð o -	s  u  -  t  i  1  -   -	k a 1 - d o -
Italian	m i n u - t o -	delikato-	s o t t i l e -	k a 1 - d o -
PortugueseBrazil		d e w - g a d u -	s u - tf i w	k a w - d u -
Portuguese	m i - u - ð u -	$d \epsilon l - \gamma a \delta u -$	s u  -  f  i w  -  -	k a 1 - d u -
Catalan	m ə n u - t	dəlikat-	s u p t i 1	
Walloon	m i n u		s u: - t i	k a 1 tf õ
Friulian	m i n u: - t		s u - t i: 1	c a 1 - t
Romanian	mərunt		s u b ts i r e -	k a 1 - d
	Cold-Primary	Cold-Recens	Full-Primary	New-Primary
Latin	f r - i: g i d u s	r e k - e n t e m	p l e: n u s	n - o w u s
French	f k w a		$ \mathbf{p}  1  \mathbf{\tilde{\epsilon}}  -  - - $	n - u v o -
Spanish	f r - i o -	$r \mid e \mid \theta \mid j \mid e \mid n \mid t \mid e \mid -$	-	$ \mathbf{n}  \mathbf{w}  \mathbf{e}  \beta  \mathbf{o} $
ltalian	f r - e d - d o -	$r \mid e \mid f \mid - \mid \epsilon \mid n \mid t \mid e \mid -$	p j ε: n o -	n - o v o -
PortugueseBrazil		вев - ff i -	$\int_{0}^{1} \left  \frac{\partial}{\partial u} \right  = \left  \frac{\partial u}{\partial u} \right  = 0$	n - o v u -
Portuguese	f   r   -   i   -   -   u   -	в e s - е - t i -		n - o v u -
Catalan	f   r   -   ε   -   -   t   -   -		p 1 ε	n - o w
Walloon	$f \mid R \mid W \mid \epsilon \mid - \mid - \mid - \mid - \mid - \mid$		p 1 e	$ \mathbf{n}  -  \mathbf{o}  \mathbf{v}  \mathbf{\epsilon}  -$
Friulian	f r - e: t	r e ts - i n t	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{l} \begin{vmatrix} \mathbf{\epsilon} \\ \mathbf{n} \end{vmatrix} - \begin{vmatrix} -\mathbf{r} \end{vmatrix}$	n - u: f
Romanian		r e tf - e	p l i n	n - o w
	Old-Primary	Good-Primary	Bad-Primary	Rotten-Primary
Latin		1	1	
	w - e t u 1 u s	b - o n u s	m a l u s	p u t r i d u s
French	w - e t u l u s v j ø	$\begin{vmatrix} \mathbf{b} & - & \mathbf{o} & \mathbf{n} & \mathbf{u} & \mathbf{s} \\ \mathbf{b} & - & \tilde{\mathbf{o}} & - & - & - \end{vmatrix}$	m a 1 u s m a 1	p   u   t   r   1   d   u   s
				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
French	v   j   ø   -   -   -   -	b - o	m a 1	
French Spanish	v j ø b j e x o	$ \begin{vmatrix} b & - & \tilde{o} & - & - & - \\ b & w & e & n & o & - \end{vmatrix} $	m a 1 m a 1 o -	p   o   ð   r   i   ð   o   -
French Spanish Italian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b w e n o - b w o: n o -	m a l m a l o - m a l o -	p   o   ð   r   i   ð   o   -
French Spanish Italian PortugueseBrazil	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b - õ b w e n o - b - õ b - õ b - õ	m a l m a l o - m a l o - m a w	p   o   ð   r   i   ð   o   -
French Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b w e n o - b w o n o - b - õ b - õ	m a l m a l o - m a l o - m a w m a w	
French Spanish Italian PortugueseBrazil Portuguese Catalan	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b - õ b w e n o - b - õ b - õ b - õ	m a l m a l o - m a l o - m a w m a w m a l	
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b - \(\tilde{o}\)	m a l m a l o - m a l o - m a w m a w m a l m o:	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b - õ b w e n o - b - õ b - b - õ b - b - õ b - õ b - õ b - õ n b - õ n b - v n - c n	m a l m a l o - m a l o - m a w m a w m a l m o:	p o ð r i ð o - p u t r i d o -  p u t r e d -  Straight-Primary
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	b - \(\tilde{o}\)	m a l m a l o - m a l o - m a w m a l m a l m a l m a: l	p o ð r i ð o - p u t r i d o -  p u t r e d -  Straight-Primary d i: r - e: k t u s
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	v j ø	b   - \(\tilde{0} -   -   -   -   -	m a 1 m a 1 o - m a 1 o - m a w m a w m a 1 m a 1 m a: 1	p o ð r i ð o - p u t r i d o -  p u t r e d -  Straight-Primary
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b   - \(\tilde{0} -   -   -   -   \)   b   w   e   n   o   -       b   w   c   n   o   -     b   - \(\tilde{0} -   -   -     -       b   - \(\tilde{0} -   -   -         b   - \(\tilde{0} -   -   -         b   - \(\tilde{0} n -   -         b   - \(\tilde{u} n -   -         b   v   n   -   -      Dirty-Primary       s   o   r   d   i   d   o   -	m a l m a l o - m a l o - m a w m a u - m a l m a u - m a l m a: l  Dirty-Spurcus - s p u r c u s	p o ð r i ð o - p u t r i d o -  p u t r e d -  Straight-Primary d i: r - e: k t u s d - в w a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	v   j   ø   v   v   v   v   v   v   v   v   v	b - õ b w e n o - b w o: n o - b - õ b - b - õ b - õ b - õ b - õ b - o n b - u n b - u n Dirty-Primary  s o r d i d u s  s o r d i d o - s o r d i d o -	m a 1 m a 1 o - m a 1 o - m a w m a w m a 1 m a 1 m a: 1  Dirty-Spurcus - s p u r c u s	p o ð r i ð o - p u t r i d o -  p u t r e d -  Straight-Primary d i: r - e: k t u s d - в w a  d - r - i t t o -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	v   j   ø   -   -   -   -   -	b - õ b w e n o - b w o: n o - b - õ b - b - õ b - õ b - õ b - õ b - o n b - u n b - u n	m a l m a l o - m a l o - m a w m a u m a l m a l m a: l  Dirty-Spurcus - s p u r c u s	p o ð r i ð o - p u t r i d o -  p u t r e d -  Straight-Primary d i: r - e: k t u s d - ʁ w a  d - r - i t t o - d; i r - ej - t u -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	v   j   ø   v   v   v   v   v   v   v   v   v	b - õ b w e n o - b w o: n o - b - õ b - b - õ b - õ b - õ b - õ b - o n b - u n b - u n Dirty-Primary  s o r d i d u s  s o r d i d o - s o r d i d o -	m a 1 m a 1 o - m a 1 o - m a w m a w m a 1 m a 1 m a: 1  Dirty-Spurcus - s p u r c u s	p o ð r i ð o - p u t r i d o -  p u t r e d  Straight-Primary d i: r - e: k t u s d - ʁ w a  d i r - ej - t u - d i r - ej - t u -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	v   j   ø   -   -   -   -   -	b - õ b w e n o - b w o: n o - b - õ b - b - õ b - õ b - õ b - õ b - o n b - u n b - u n	m a l m a l o - m a l o - m a w m a u m a l m a l m a: l  Dirty-Spurcus - s p u r c u s	p o ð r i ð o - p u t r i d o -  p u t r e d  Straight-Primary d i: r - e: k t u s d - ʁ w a  d i r - ej - t u - d i r - ej - t u - d - r - ε - t
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	v   j   ø   -   -   -   -   -	b - õ b w e n o - b w o: n o - b - õ b - b - õ b - õ b - õ b - õ b - o n b - u n b - u n	m a l m a l o - m a l o - m a w m a l m a l m a l m a: l  Dirty-Spurcus - s p u r c u s	p o ð r i ð o - p u t r i d o -  p u t r e d  Straight-Primary d i: r - e: k t u s d - ʁ w a  d i r - ej - t u - d i r - ej - t u - d - r - ɛ - t - d - r - ø:
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	v   j   ø   -   -   -   -   -	b - õ b w e n o - b w o: n o - b - õ b - b - õ b - õ b - õ b - õ b - o n b - u n b - u n	m a l m a l o - m a l o - m a w m a u m a l m a l m a: l  Dirty-Spurcus - s p u r c u s	p o ð r i ð o - p u t r i d o -  p u t r e d  Straight-Primary d i: r - e: k t u s d - r w a d; i r - ej - t u - d i r - ej - t u - d - r - ε - t

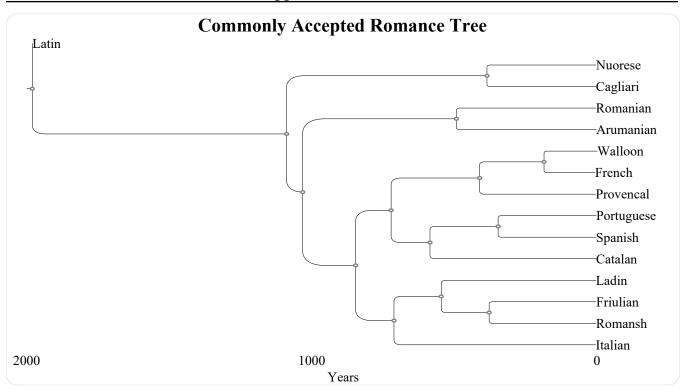
	Round-Primary	SharpAsAKnife- Primary	·	DullAsAKnife-Retusus
Latin	r o t u n d u s	a k u: t u s	h e b e t e m	r e t u s u s
French	R Q			
Spanish	r e d o n d o -	a y u ð o -		
Italian	r i t o n d o -		-   ε   b   e   t   e   -	r e t u z o -
PortugueseBrazil		x		
Portuguese Catalan	к <del>i</del> d o	eγuðu-		
Walloon	r ə d o r õ	$ \partial g u t$		
Friulian	t a r o n t			
Romanian	r ə t u n d			
Ttomaman	Smooth-Primary	Smooth-Nitidus	Wet-Primary	Wet-Udus
Latin	s u a: w e m	n i t i d u s	u: m i d u s	u: d u s
French	o a a w o m		0. III I   U   U   U	G   G   G   G
Spanish		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
Italian	s o a v e -	n e t - t o -	u m i d o -	
PortugueseBrazil	1-1-1-1-1-1	n ε dz u		
Portuguese		n ε dg u		
Catalan	s u a w	n ε t		
Walloon				
Friulian		n   ε   t   -   -   -	u m i d	
Romanian		n e t e d	u m e d	u d
	Dry-Primary	Correct-Primary	Near-Primary	Near-AdPrope
Latin	s i k k u s		Near-Primary p r o k s i m u	
French	s i k k u s s ɛ - k	Correct-Primary	p  r  o  k  s  i -  m  u	
French Spanish	s i k k u s s ε - k s e - k o -	Correct-Primary   k   o   r   r   e:   k   t   u   s	p r o k s i m u  p r o x - i - m o	
French Spanish Italian	s i k k u s s ε - k s e - k o - s e k k o -	Correct-Primary	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	
French Spanish Italian PortugueseBrazil	s i k k u s s ε - k s e - k o - s e k k o - s e - k u -	Correct-Primary   k   o   r   r   e:   k   t   u   s	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	
French Spanish Italian PortugueseBrazil Portuguese	s i k k u s s e - k s e k k o - s e - k u - s e - k u -	Correct-Primary   k   o   r   r   e:   k   t   u   s	p     r     o     k     s     i     -     -     m     u       p     r     o     x     -     i     -     -     m     o       p     r     o     s     s     i     -     -     m     u       p     r     o     -     s     i     -     -     m     u       p     r     o     -     s     i     -     -     m     u	\$a   d   p   r   o   p   r   e
French Spanish Italian PortugueseBrazil Portuguese Catalan	s i k k u s s ε - k s e - k o - s e k k o - s e - k u - s e - k u - s ε k	Correct-Primary   k   o   r   r   e:   k   t   u   s	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	\$a   d   p   r   o   p   r   e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Correct-Primary   k   o   r   r   e:   k   t   u   s	p     r     o     k     s     i     -     -     m     u       p     r     o     x     -     i     -     -     m     o       p     r     o     s     s     i     -     -     m     u       p     r     o     -     s     i     -     -     m     u       p     r     o     -     -     i     z     m     e	sa   d   p   r   o   p   r   e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Correct-Primary   k   o   r   r   e:   k   t   u   s	p     r     o     k     s     i     -     -     m     u       p     r     o     x     -     i     -     -     m     o       p     r     o     s     s     i     -     -     m     u       p     r     o     -     s     i     -     -     m     u       p     r     o     -     s     i     -     -     m     u	sa d p r o p r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Correct-Primary   k   o   r   r   e:   k   t   u   s     k   o   r   r   e   t   t   o   -	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	sa d p r o p r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	s i k k u s s ε - k s e - k o - s e k k o - s e - k u - s e - k u - s ε k s ε - t s ε - k s ε k	Correct-Primary   k   o   r   r   e:   k   t   u   s     k   o   r   r   e   t   t   o   -	p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e     Near-Circa	sa d p r o p r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	S   i   k   k   u   s   s   e   - k     s   e   - k   o   -   s   e   - k   u   -   s   e   -   k   u   -   s   ε   k     s   ε   - k   -   s   e   k     -   s   e   k     -   s   e   k   -   -   s   e   k   -   -   s   e   k   -   -   s   e   k   -   -   s   e   k   -   -     s   e   k   -   -     s   e   k   -   -     s   e   k   s   u   s   s   s   u   s   s   s   s		p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e              Near-Circa         k       i       r       k       a	\$a   d   p   r   o   p   r   e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French	s i k k u s s ε - k s e - k o - s e k k o - s e - k u - s e - k u - s ε k s ε - t s ε - k s ε k	Rear-Vicinus   Rear	p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e     Near-Circa	\$a   d   p   r   o   p   r   e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	s i k k u s s ε - k s e - k o - s e k k o - s e - k u - s ε - k u - s ε - k s ε - k s ε k s ε k s ε k s ε s ε - k s ε k	Rear-Vicinus   W - i: k i: n u s   v w a z \tilde{\tilde{\tilde{\tilde{\tilde{k}}}} v   v   v   v   v   v   v   v   v	p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e              Near-Circa         k       i       r       k       a	sa d p r o p r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	S   i   k   k   u   s   s   e   - k     s   e   - k   o   -   s   e   - k   u   -   s   e   -   k   u   -   s   ε   k     s   ε   - k   -   s   e   k     -   s   e   k     -   s   e   k   -   -   s   e   k   -   -   s   e   k   -   -   s   e   k   -   -   s   e   k   -   -     s   e   k   -   -     s   e   k   -   -     s   e   k   s   u   s   s   s   u   s   s   s   s	Near-Vicinus   w - i: k i: n u s v w a z ε θ i n o - v - i tf i n o - v - v - i tf i n o - v - v - v - v - v - v - v - v - v -	p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e              Near-Circa         k       i       r       k       a	\$a   d   p   r   o   p   r   e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	s i k k u s s ε - k s e - k o - s e k k o - s e - k u - s ε - k u - s ε - k s ε - k s ε k s ε k s ε k s ε s ε - k s ε k		p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e              Near-Circa         k       i       r       k       a	sa d p r o p r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	s i k k u s s ε - k s e - k o - s e k k o - s e - k u - s ε - k u - s ε - k s ε - k s ε k s ε k s ε k s ε s ε - k s ε k	Near-Vicinus	p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e              Near-Circa         k       i       r       k       a	\$\a \d \p \r \o \p \r \e \r \o \p \r \e \r \o \p \r \o \p \r \o \e \r \o \r \o \p \r \o
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	S   i   k   k   u   S   S   E   -   k   -   -   S   E   -   k   O   -   S   E   -   k   U   S   S   E   -     -   S   E   -     -   S   E   -     -     -     S   E   -     -     -	Near-Vicinus	p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e              Near-Circa         k       i       r       k       a	sa d p r o p r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	s i k k u s s ε - k s e - k o - s e k k o - s e - k u - s ε - k u - s ε - k s ε - k s ε k s ε k s ε k s ε s ε - k s ε k	Near-Vicinus	p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e              Near-Circa         k       i       r       k       a	sa   d   p   r   o   p   r   e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	S   i   k   k   u   S   S   E   -   k   -   -   S   E   -   k   O   -   S   E   -   k   U   S   S   E   -     -   S   E   -     -   S   E   -     -     -     S   E   -     -     -	Near-Vicinus	p       r       o       k       s       i       -       -       m       u         p       r       o       x       -       i       -       -       m       o         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       u         p       r       o       -       s       i       -       -       m       e              Near-Circa         k       i       r       k       a	\$\a \d \p \r \o \p \r \e \r \c \q

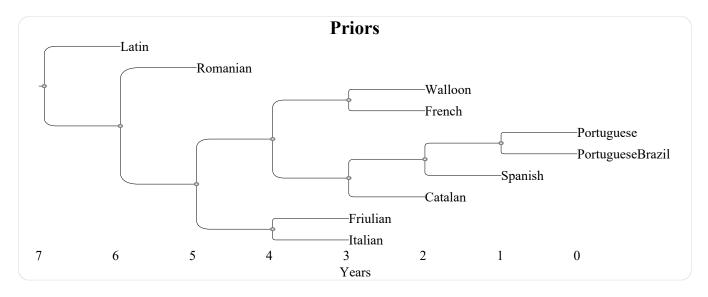
	Right-Dextrem	Left-Primary	Red-Primary	Red-Vermiculus
Latin	d - e k s t r u m	s i n - i s t r u m		v e r m i k u l u s
French		s θ n - ε s t r	в u	ν ε κ m εj
Spanish	d j e - s t r o -	s i n j e s t r o -	r o - x o -	b e r m e x o
Italian	$d - \epsilon - s t r o -$	s i n - e s t r o -	r o s s o -	v e r m i $\Lambda$ - $\Lambda$ o -
PortugueseBrazil		$\begin{vmatrix} s & - & - & - & \epsilon \end{vmatrix} \int \begin{vmatrix} t & f & u \end{vmatrix} - $	$\begin{bmatrix} R & O & - & \bigcup & \Omega & - \\ I & O & 2 & 2 & O \end{bmatrix}$	v e r m e \lambda u -
Portuguese	$d - \varepsilon - \int t \cdot u -$	$\begin{vmatrix} s & - & - & \epsilon \\ s & - & - & \epsilon \end{vmatrix} \int \begin{vmatrix} t & t & u \\ t & u \end{vmatrix} - $	R O - \( \begin{array}{c c c c c c c c c c c c c c c c c c c	v i r m ej k u -
Catalan		$ S  -  - - \varepsilon   J   t   I   u  -$		
Walloon	d   -   e   -   s   t   r   ə   -		r   o   -   s   -   -	$ b   a  r  m   \epsilon  -  a   a  -  a $
Friulian	d   j   e   -   s   t   r   i   -	s   i   n   -   e   s   t   r   i   -	$ \mathbf{r}  \mathbf{o} -  \mathbf{s}  -  \mathbf{o} $	
Romanian			ro-Ju-	
	Red-Rubeus	Green-Primary	Yellow-Primary	Yellow-Amarellus
Latin	r u - b e u s	w i r i d e m	g a l b i n u s	a m a r e 1 1 u s
French	в u - з	v e r	3 0   -   n   -   -	
Spanish	r   u   -   b   j   o   -	b e r - d e -		a   m   a   r   i   -   j   o   -
Italian	r   o   b   b   j   o   -	v e r - d e -		
PortugueseBrazil	r u - b e o -	verleit di		e m a r ε - 1 u -
Portuguese	r u - b e o -	verleit di		e m e r ε - 1 u -
Catalan	r u - dz e	v ε r - t		
Walloon	r o - t	Λ ε R	dg   ε   -   -   n   -   -	
Friulian	1-1011911	$v \mid \varepsilon \mid r \mid - \mid t \mid - \mid - \mid$	1-9  -	
Romanian	r  oj  -  b  -   -   -	v e r - d e -	g a 1 b e n	
	Yellow-Croceus	White-Primary	One-Primary	Two-Duos
Latin	k r o k e u s	a l b u s	u: n u s	d u o: s
French			$\tilde{\alpha}$	d - ø -
Spanish		a 1 b o -	u n o -	d o s
Italian	krotfeo-	a 1 b o -	u n o -	u os
PortugueseBrazil	K I O y e O -	a w v u -	$\tilde{\mathbf{u}} - \tilde{\mathbf{u}} = 0$	d - oj s
		a w v u -	$egin{array}{c c c c c c c c c c c c c c c c c c c $	
Portuguese				d - oj ſ
Catalan	g r a k - - -	a   1   b   -   -	u n	d - o s
Walloon			<b>õ</b>	d - ø: -
Friulian			u n	d - oj -
Romanian		a 1 b	u n u -	d   -   oj   -
	Two-Duae	Two-Duas	Three-Primary	Four-Primary
Latin	d u - aj	d u a s	t r - e: s	k <sup>w</sup> - a t t w o r -
French			t k w a -	
Spanish			t r - e s	k w a - t r o
Italian	d  u   -   e		t   r   -   e   -	k w a t t r o
PortugueseBrazil		d u e s	t r - e s	k w a - t r u
Portuguese		d u e ∫	t r - e s	kwa-t-ru
Catalan			$t \mid r \mid - \mid \epsilon \mid s$	kwa-t-rə
Walloon			t r - ø: -	k w a - t
Friulian			t r - e: -	k w a - t r i
Romanian	d o w ə		t r ej -	p - a - t r u
I Willalliall	u U W Ø		t I CJ	p a t lu

	Five-Primary	Here-Primary	There-Primary	There-Ibi
Latin	k <sup>w</sup> i: n k <sup>w</sup> - e	e k k u m h i: k	i 1 1 a: k	i b i:
French	$ \mathbf{s}   \mathbf{\tilde{e}}  -  \mathbf{k}  -  \mathbf{r} $		-   -   1   a   - a   -   j   a   -	
Spanish	$\theta \mid i \mid n \mid k \mid - \mid o$	a   -   k   -   -   i   -	a - j a -	
Italian	tf i ŋ k w e	-   -   k   w   -   -   i   -	-   -   1   a   -	- v i
PortugueseBrazil	$ \mathbf{s}   \mathbf{\tilde{i}}  -  \mathbf{k}  -  \mathbf{u} $	a   -   k   -   -   i   -	-   -   1   a   -	
Portuguese	s î - k - u	e - k i -	-	
Catalan	s i ŋ k	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ə - K a -	
Walloon	s   e   -   k   -   -		-  -  1  a  -	
Friulian	tf i n k	a - k i -		
Romanian	tf i n tf		- - 1 a -	
	There-Adlbi	Who-Qui	Who-Quem	What-Primary
Latin		k <sup>w</sup> - i s	k <sup>w</sup> - e m -	k <sup>w</sup> - i d
French		k - i -		k w a -
Spanish	a i		k   j   e   n   -	k - e -
Italian	<b>u</b>   <b>1</b>	k   -   i   -	K   J   C   H	k - e -
PortugueseBrazil	a i	K     I	k - 61	k - i -
Portuguese	e i		k	k - i -
Catalan	6   1	k   -   i   -	K   OJ	k - ε -
Walloon		k - i: -		k w E: -
Friulian		k w i -		tf - e -
Romanian		IK W I	tf   -   i   n   e	tf - e -
rtomanian	When-Quando	How-Quomodo	Not-Primary	Not-Nec
Latin	kw - a n d o:	kw o: m o d o	n o: n	n e k
French	k -   a   -   -   -	k ə m ã	$ \mathbf{n}  \tilde{\mathfrak{o}}  $ -	n i -
Spanish	k w a n d o	k o m o	n o -	n i -
Italian	k w a n d o	k o m e	n o n	n e -
PortugueseBrazil	$ \mathbf{k} \mathbf{w} \mathbf{\tilde{e}}  -  \mathbf{d} \mathbf{u}$	k   o   m   u   -   -	n e -	n ej -
			$ \tilde{\mathrm{w}} $	
Portuguese	$ \mathbf{k} \mathbf{w} \tilde{\mathbf{e}}  -  \mathbf{d} \mathbf{u} $	k   o   m   u   -   -	n $\tilde{e}$ -	n ej -
			$\tilde{\mathrm{w}}$	
Catalan	k w a n	k o m	n o -	n i -
Walloon	k w a n d -	$k \mid \mathfrak{d} \mid m \mid \tilde{\epsilon} \mid - \mid - \mid$	$n  \tilde{\mathfrak{I}} $ -	n e -
Friulian	k w a n t -	f e m u: t -	n o -	
Romanian	k - i n d -	k u m	n u -	
	At-Primary	In-In	In-Deintus	With-Cum
Latin	a d	i n	d e i n t u s	k u m
French	a -		d   a   -   -   -   -   -	
Spanish	a -	e n		k o n
Italian	a -	i n		k o n
PortugueseBrazil		ej -		k ő –
Portuguese	<b>8</b> -	êj -		
Catalan	a -	ə n	d   i   -   n   -   -   s	
Walloon	a -			
Friulian	a -			
Romanian	a -	i n		k u -

	With-Abhoc	And-Et	And-Si	Because-Quod
Latin	a b h o c	e t	s i: k	k <sup>w</sup> o d
French	a v - e k	e   -	s   i   -	
Spanish		i   -	s i -	k e -
Italian		e   -	s i -	k e -
PortugueseBrazil		i   -	s 1 -	
Portuguese		i -	s î –	k i -
Catalan		i -	s i -	k ə -
Walloon	a v - u -	ε -	s i -	k i: -
Friulian		e -	s i -	k e -
Romanian		e -	$\int  \mathbf{i}  -$	k ə -

#### Appendix 4 - Results





Appendix 4 - Results

