

Letter	Frequency %
m	4.3
i	4.1
j	4.0
k	4.0
u	3.9
a	3.8
p	3.8
w	3.6
n	3.5
t	3.0
l	3.0
s	2.9
b	2.8
e	2.7
o	2.6
g	2.5
h	2.4
d	2.0
r	1.9
f	1.9
j	1.8
c	1.6
s	1.5
i	1.4
x	1.3
z	1.3
u	1.3
v	1.2
r	1.1
a	1.0
o	0.9
e	0.9
x	0.8
l	0.8
ä	0.7
u	0.7
i	0.7
z	0.7
u	0.6
y	0.6
c	0.6
k	0.5
j	0.5
e	0.5
o	0.5
ß	0.5
i	0.5
z	0.5
de	0.4
s	0.4
l	0.4
u	0.3
y	0.3
g	0.3
x	0.3
ç	0.3
Ä	0.3
o	0.2
ö	0.2
ä	0.2
æ	0.2
æ	0.2
d	0.2
q	0.2
j	0.2
u	0.2
e	0.2
ö	0.2
ä	0.2
j	0.2
aj	0.2
ij	0.2
rw	0.2
l	0.2
öw	0.2
ej	0.2
aj	0.2
x	0.2
ej	0.2
ts	0.2
oj	0.2
oe	0.2
f	0.2
ej	0.2
ds	0.2
qa	0.2

Appendix 2 - Symbols

Ψ	Phylogeny The (possibly unknown) relationship between entities resulting from an evolutionary tree
τ	Tree topology Information on the relationships of the languages
μ	Substitution rate the rate at which the language changes
N	Sampled languages The number of languages in a sample
v	Expected events The expected number of evolutionary events that occurred between two languages
t	Past times Times of branch events
\mathcal{B}	Possible rooted trees
A	Segmental alignment Constructed by combining the word segment information for the languages of interest with information on the homology of the segments
S	Segmental information Information on the homology of the segments
s	Segment Linguistic segment
s_i	ith segment
H	Homology map The map describing the alignment of the segments
Q	Rate Matrix
β	Rate matrix scaling factor Scales the rate matrix such that the average rate of segmental substitution is one
P	Probability The probability the process ends in certain state
P	Marginal Likelihood
π	Equilibrium distribution

Appendix 2 - Symbols

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

Appendix 3 - Words containing each segment

ẽj	0250, 0303, 006A, 0303	54
mẽj mẽj nuvej keližẽj kẽj nẽj ẽj		
ẽw̃	0250, 0303, 0077, 0303	63
kẽw̃ kẽw̃ grẽw̃ grẽw̃ mẽw̃ mẽw̃ nẽw̃ nẽw̃		
au	0061, 0075, 032F	78
kaũda aũdi:re aũgmenta:re aũmentar aũmentare aũgmentar aũgmentar paũkus		
ẽa	0065, 032F, 0061	80
tẽastə stẽa tẽatfẽ nẽa gẽatsə bẽa vedẽa zətfẽa fẽdẽa kədə		
oa	006F, 032F, 0061	39
dõamnə fõaje skõartsə flõare cõadə sõare plõaje nõapte võame kunõafte tõartfẽ cõase aprõape		
ẽj	1EBD, 006A, 0303	41
omẽj ɔmẽj nenẽj nenẽj nuvej kalizẽj kẽj nẽj ẽj		
ẽu	1EBD, 0075, 032F	89
lẽu		
aj	0061, 006A	56
paj paj ɔraj ajywə sajβru sajβru tene:braj kajkia kajlum nwaje traj majjo:rem duaj		
a:	0061, 02D0	53
ma:trem ma:dre pa:dre nema:l pa:lus pa:l gra:num ra:di:kem ra:di:ke ra:di:ki:na gra:men ca:r kwa:r ca:f na:sus na:so na:s na:ris ma:no a:la intera:nea fi:ka:tum fija:t ri:pa:ria la:t ma:r sa:lem sa:l ka:li:ginem tene:bra:s fu:ma:ta fu:ma:ta stra:ta monta:nea diurna:ta manduka:re ma:nja: morsika:re cuca: spuda: suffla:re sofla: respi:ra:re respira: ko:gita:re pen:sa:re pen:sa: odo:ra:re fra:gra:re trima: neka:re tu:ta:ri makta:re matja: pugna:re kaptia:re catja: pulsa:re pulsa: seka:re sea: kurta:re ekskurta:re skurta: ta:lia:re ta:l̩a:re taja: se:para:re separa: jugula:re jugula:re ra:dere rada: rasa: kawa:re java: ekskawa:re zjava: nata:re nada: naviga:re naviga: wola:re zvola: camina: ma:rʃi: ambita:re sedenta:re senta: sta:re sta: leva:re leva: alti:re altja: torna:re torna: gyra:re d̩ira: d̩ira: da: dona:re dona: appekto:ra:re frika:re frikta:re lawa:re lava: eksu:ka:re suja: limpida:re tira:re tira: pulsa:re pulsa: jakta:re lankea:re lantja: e:runka:re liga:re lea: apta:re komputa:re konta: e:numera:re numera:re numera: kanta:re canta: joka:re d̩uja: flu:ktua:re fluita:re ko:la:re gela:re glakia:re glatja: inglakia:re aũgmenta:re infla:re enfla: konfla:re zglo:nfa: bruza: krema:re flamma:re flama: flagra:re ustula:re la:tus de:lika:tus ma:l sua:wem illa:k		
ej	0065, 006A	59
pejfi cavej okej seju pejtu sejfu areje fejraḡ zejtar zejtar kejməke istrejtu d̩irejtu trej		
e:	0065, 02D0	25
fe:mina be:stia se:men pe:l ste:l̩a pje:tra pje:re hare:nə nu:be:s tene:braj tene:bra:s nef die:s morde:re ri:de:re wide:re save: pen:sa:re ole:re time:re se:para:re jake:re d̩atfe:re sede:re torkʷe:re tene:re e:runka:re e:numera:re intume:skere kre:ske:re arde:re omne:s de:lika:tus du:ze: fret ple:nus di:re:ktus korre:ktus tre:s 'tre:		
i:	0069, 02D0	37
mui:r mui:r mari:tus mari:t ra:di:kem ra:di:ke radi:tfe radi:ki:na wi:wenda pi: pi:t fi:ka:tum ri:wus ri:pa:ria rivi:ḡ pi:ḡ ka:li:ginem si:ḡ t̩i:l̩ nif kammi:num mapi: sysi: respi:ra:re ri:de:re ri:dere xi:ḡ vi:ḡ aũdi:re uldi: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:dere t̩esi: teji: di:widere parti:re parti: neḡji: ma:rʃi: weni:re vi:ni: h̩o:si: strengi: pu:si: lanci: l̩ji: di:kere di:ḡ di: skori: subti:lem suti:l̩ fri:gidus vi: di:re:ktus wi:ki:nus kʷi:nkʷe ekkumhi:k ibi: ki: si:k ki:		

Appendix 3 - Words containing each segment

ĵ	006A, 0303	92
mũĵtu mũĵtu		
k^j	006B, 02B2	81
ok ^j dženunk ^j vek ^j		
k^w	006B, 02B7	87
ak ^w a tork ^w e:re k ^w attwor k ^w i:nk ^w e k ^w is k ^w em k ^w id k ^w ando: k ^w o:modo k ^w od		
oj	006F, 006A	17
noj voj noĵti noĵti froj rojb dojs doĵf doj doj		
O:	006F, 02D0	2
ego: no:s no:i no: wo:s vo:i vo: homo: spo:s o:b flo:rem fjo:re flo:r o:wum o:rikla so:lem so:vĵo no:men no:me no:minem vo:mi kogno:skere ko:gita:re odo:ra:re ko:nsuere ekspo:nere ko:la:re to:tus po:k majjo:rem duo:s k ^w ando: k ^w o:modo no:n		
u:	0075, 02D0	21
tu: u:he: fru:ktus fu:nem u: u:f kornu: plu:ma u:j ku:ʒ ku:r lu:na plu:ʒ flu:men nu:be:s nu:bilus nu:l fu:ma:ta gelu: fu:mus fu:k dĵu: dĵu: su:gere tu:tari tu:rne eksu:ka:re pu:si lu:dere flu:ktua:re bœ:le ku:ʒ minu:tus minu:t du:ʒe: su:ti pu:f aku:tus retu:sus u:midus u:dus u:num ĵfemu:t		
Ń:	00F5, 02D0	76
sō:g		
Ø:	00F8, 02D0	72
flø:ʒ gø:j fø:t stø:l fø: bø:ʒ savø:ʒ kø:z stxø: drø: dø: trø:		
œ	0153, 0303	93
okaœ œ		
ej	0250, 006A	60
peĵfi oreĵle seju peĵtu seĵfu e:reje feĵrar keĵmare iftreĵtu feju feju vejlu direĵtu virmejlu		
ẽ	0250, 0303	45
ifẽĵfi ifẽti grẽme sēgi sēgi pẽse pẽse ĩtrẽjne mōtẽjne mēʒaʒ mēʒar ēdaʒ ēdar lēsa lēsar kētar kētar tētu tētu grēdĵi grēdi ěfu ěfu kwēdu kwēdu		
ã	0251, 0303	43
ãfã efã seʒpã sãmãs vĵãd sã dã zãb vãtʒ pãs ãtʒaj vã sãdʒ ã ã lãg mãʒe pãse sãtĩʒ fãdʒ etãdʒ lãse fãte ĵãte ogmãte ãfle ěsãdĵe gʒã gʒã ãpl kã kãmã dã		
ɔ:	0254, 02D0	73
ĵɔ: kɔ:ʒ ɔ:m pɔ:rti hɔ:si bɔ:ʒno mɔ:		
õ	0254, 0303	42
õ mõ nõ kõspye nõbʒe lõ nõ nõ		

Appendix 3 - Words containing each segment

ɛj	025B, 006A	86
sɔləj fɛɛje vɛɛmɛj		
ɛ:	025B, 02D0	57
pɛ:r u:hɛ: pjɛ:de ɛ:w tɛ:ɐ tɛ:nebre tɛ:nebre tʃɛ:r pje:no kwɛ:		
ẽ	025B, 0303	62
fjẽ vêt fəmẽ pẽse sėti sēde fēt pwēdɤ ɛpɤēdɤ etɤēdɤ ẽsādje plẽ vwazẽ lwētẽ kômẽ		
g^w	0261, 02B7	74
sang ^w inem ling ^w a		
ij	0268, 006A	66
kijne		
iw	0268, 0077	70
griw		
ẽ:	1EBD, 02D0	88
sẽ:d		
a	0061	27
fɛ:mina fam embra femmina fembra domina dam doja dɔnna infantem infante fante sponsa esposa spɔza ispoza mari:tus mɔxi mariðo marito maridu marit mari:t maðre marə mari patre paðre parə pari tata tata tata tata tata tatə animalia omaj alimaɲa nɔmajɛ be:stia biʃfa pwasɔ awem abe avi avi aw awikellum wazo passerem paxaro passero paseru paseru pasəre kanem kan kane ka can sarpint farpe arborem ɔɤbɤ ɔɤbɔl albero ɔɤvori arvuri abrə arbul arbore silwa selba selva sɛwva selba pal palo palo paw paw pal par grano grano gra gran folia oxa fɔlɔla frondea frondza raiθ ɤais ɤadi radi:tʃɛ ra:di:ki:na ɤasin kortikea korteθa kortetʃa skortea skɔrtsa skwas skwartse herba jerba erba jarbe jarbə ɤɤamen grama gram rista resta kwan kotenna pja karnem karne karne kɔɤni kɔɤni karn karne wi:wenda bibjenda vivanda vivɛda sang ^w inem sangre sangwe saɲ saɲk adepem adipe grasa graʃɛ graʃɛ kaɤda kola koda kawdɛ kawdɛ kua plu:ma pluma pjuma penna peɲa penna panə pwal kapillus kabejo kapello kabelu tʃivja cavej kapitia kaʃeθa kavettsa kabesɤ kap kap testa testa o:rikla orexa orekkja naso nas nas nariθ nariʃɛ naris bukka boka bokka gula gola gola ungula uɲa ungja gamba gamba gamba kambə ɤambe gambə perna pjerna gambə manum mano maɲ a:lə ala ala a a alə ale pantikem panθa panʃa panʃə pantse intera:nea ɔtɤaj entrɔɲa ɛntrɔɲə spatula espalda spalla iʃpadwɛ iʃpadwɛ ɛspa:lɔɔ spal spale spate san anima alma alma awmɛ almɛ anime iyaðo fegato fikat lu:na luna luna ste:lɔ etwal estreja stella ak ^w a aywa akkwa agwɛ agwɛ age apə pluwia jubja pjoddʒa ri:pa:ria lakum lak lago lago lagu layu ɔak lak lak mare mar mare mɔɤ mar mar mare sal sale saw sal sal sare saksum sasso petra pjeðra pje:tra pjatrə lapidem laude lapide hare:na arena arejɛ arinə sabulum sabl savalɔn sabula sabbja pɔlvar terra tjera terra tsarə nuvola nublada nublada kalina kaliɔɤine kaliɔɤj nebula njebla nebbja tinjeblas fu:ma:ta fumata fuma:ta fumase fumase fumate kajkia glas gjattʃa glas glaʃɛ θeniθa wia vwa bia via stra:ta estrada strada istrade iʃtraðɛ kammi:num kamino kammino kamijɲu monta:nea mɔtɔɲ montɔɲa montɔɲɲa muntɔɲə mɔtɔɲ mɔntɔɲɛ dia ɔɔɤna ɔɔɤna diurna:ta xornada ɔɔornata ɔɔornade annum aɲo anno aɲ aɲ an ling ^w a lengwa lingwa manduka:re mandukar mandɔare mɛɔɤɔ mɛɔɤar mɔɲɔza mapi: maɲɲa: minka mwardi moskar morsikare musəga musəgar musəɲa murseka sugaɤ sugar skujpa esputar sputare soffjare sufla respirar respirare ɤɤspirar ɤiʃpirar rɔspira vwaɤ auzi sapere savwaɤ saber sapere sabɤɤ savɔ:ɤ save: kwidar koɔɔitare kuzitaɤ kuzitar kujda kuɔɔeta pensar pensare pɛsɔɤ pɛsar pɔnsa pɔsa ulura odorare fragrare fejrɔɤ fejrar flɔjra tremare dwaɤmi via nɔga neka anegar annegare makta:re mate matar mataɤ mɔtar mɔta maʃa: puɲar puɲɲare puɲa battuere batɤ batir battere bateɤ batrə bate bati bate kaptia:re fase kaθar kattʃare kasɔɤ kɔsar kɔsa catʃa: puxar pulsare puʃaɤ puʃar pulsa segar segare segaɤ siɲar sɔɲa kortar koɤtaɤ kurtar skortare skurta taxar taɔɔɔa:re taɔaɤ tɔɔar tɔɔa taja: taja parti:re paktiɤ partir partire paktʃiɤ parti: se:para:re separar separare separaɤ sipɔrar sɔpɔra separa: separa raɛr radere ɤaɤɤ rawrə rada: rade rasar rasare ɤazaɤ ɤɔzar rɔza rasa: raskar ɤaʃkaɤ ɤɛʃkar rɔska kosaɔ kusar kawa:re kabar kavare kɔvaɤ kɔvar kɔba java: ekskawa:re eskabar skavare iʃkɔvaɤ iʃkɔvar ɔɔava: nata:re nadar nwotare nadaɤ nɔðar nɔda nada: naviga:re naze nabegar navigare naviɲaɤ neviɲar nɔbɔga naviga: naviga bolar volare voaɤ vwar bula zvolare zbura kaminar kamminare kɔmijɲaɤ kɔmijɲar kɔmina camina:		

Appendix 3 - Words containing each segment

maŕŕe ambita:re andar andare ēdaŕ ēdar jake:re jaðer đatŕe:re zawrə swaŕ sentar sētar
 sētar estar stare iŕtar iŕtar ōsta sta jebar levare lewaŕ livar lāba lua altia:re alðar altsare aŕsa aŕsar əlsa altŕa: tornar
 tornare toŕnaŕ turnar turna turna xirar đžirare žirar žirar zira birar virar virar žirar bira kadere ſwaŕ kaer kadere kawrə
 ſŕjade tumbaŕ tōbaŕ tōbar tumba dare dar dare daŕ dar dar da donar donare doa duar duna segurar ſiguraŕ ſiŕurar ſerar
 seŕa səŕar səra serare ðerar serrare siŕar siŕar appekto:re apretar epirtar epirtar fregar fregarə frəga frea freka iſſrigrar
 iſſrigrar frotar frettare frisar frəsa lawa:re lave laŕar lavare ləvar ləvar lāba lave lava: la estarsir enxugar affugare ēfugar
 ēfugar əfuga uska limpjar lipar lipar tirar tirare ſŕira tirar tira puxar pulsare puŕar puŕar pulsa trahere trarə traze trađŕe
 jakta:re eſſar đzettare zejtar zejtar xita lankea:re lanðar lanſŕare lēsa lēsar lānsa lanci: lanſŕa: arankar arronſŕare aruŕka
 legar legare liŕa lega apta:re atar etar etar kontar kontare kōtar kōtar kumta enumerar enumerare enumerar enumerar
 enumera noverare numera numara kanta:re kantar kantare kētar kētar kōnta canta: kinta xugar đžokare zogəŕ zugar zuga
 zuka flugtwar fluttuare flutuəŕ flutuəŕ fluktua fluktua fluitare kolar kolare koəŕ kuar kuŕa elar đželare žilar žilar žəla đžale
 glakia:re glase gjattŕare gləsa glaſŕa: inglakia:re ingetsa aŕumentar aŕumentare aŕgmentar aŕgmentar augmenta inſŕar enfiare
 iſŕar iſŕar imſla umſla gonſŕare kəwatə brutŕare kəame kemar kremare kəmare kəmaŕe krəma flamma:re flame ſjammare
 flama flama: arde:re aŕdŕ arder ardere aŕdŕ arde flagra:re flagŕe flagrar flagrare flagŕəŕ flagrar inſŕendjare iſendŕar iſēdŕar
 ustolare ustura tantus tanto tanto tant tanc alguno alkuno awgū atgū alter altro altrə altri alt alius aw aſ magnus maŕno
 maŕno grandem grande grande gran grant mare largus laŕŕ laryo largo laŕgu largu lark lark larg lato lato latu latu lat
 amplus anſŕo ampjo amplə krassus graso grasso graſu gras gras gras grawis grabe gravi gravi grav angustus angosto
 angusto etŕwa delyađo delikato dewgadu delyađu dəlikat kalidus kaldo kaldo kawdu kaldu kaſ calt kald ſŕwa malus mal
 malo malo maw maw mal đŕwa tarənt aku:tus aŕuđo soave suaw adpropre aprəape vwazē kirka ðerka lontano lūnta
 lontan galbinus galben amarellus amarijo emarelu albus albo albo awvu alvu alb alb duas k"attwor katŕ kwatro kwattro
 kwatru kwatru kwatrə kwat kwatri patru aki aki aki aki la aja la la la əla la la ai ai kwa k"ando: kwando kwando
 kwan kwand kwant ad a a a a a a abhoc avek avu

b 0062 19
 bos bus embra fembra ombre be:stia biffa biffə biffə bis abe berme arborem aŕbŕ albero abrə o:b arbul arbore selba selba
 herba ɛŕb jerba ɛrba erbə jarbe jarbə bibjenda webə kabəjo kabelu kabəſ kabesə bukka buſ boka bokka bokə bokə bokə
 bək bəce bukə gamba žūb gamba gamba kambə jambe gambə gambə bjentre bentrə jubja sabulum sabl sabula sabbja
 pulbere polbo nu:bə:s nube nube nu:bilus nublo nubladu nubladu nebula njebla nebbja tene:braj tē:nebre tene:bras tenebŕ
 tinjeblas tē:nebre tēnebrəs bjento ben njebe bia biə nombre limbə bibere bwəŕ beber bere bebes biſŕer bəwŕə bə:ŕ bevi
 bea ber bəwŕə saber sabəŕ seber bibir biwŕə battuere batŕ batir battere bateŕ bəter batŕə bate bati bate dibidir dibidi
 kabar kəba eskabar nabegar nəbəga bolar bula zbura ambita:re benir bəni jebar lāba birar bira tōbe tumbaŕ tōbaŕ tōbar
 tumba lāba nōbŕe bŕyle brutŕare bŕu:le bruza: grabe brewis bŕəf brebe breve bŕevi bŕevi bŕew bŕef subti:lem subtsire
 bjexo bonus bō bweno bwə:no bō bō bōn bō bōn bun hebetem ebete beθino bəi bermexo bərməſ rubeus rubjo rəbbjo
 rubeo rubeo rojb berde galbinus galben albus albo albo alb alb ibi: abhoc

c 0063 65
 can ca:ŕ cəqadə cavej ca:f bəce noctem cuca: caſŕa: camina: lanci: cəase canta: fluctua molc tanc calt spurcus abhoc

d 0064 23
 usted domina dam doŕa dōnna done done dōnə dōem dōne dōamŕə maridu ma:dre pa:dre peduklus pidəkkjo pedoli
 pədukje frondea ra:di:kem ra:di:ke ŕadi radi:ſŕe ra:di:ki:na rəđəſŕinə kodie wi:wenda vjəđ bibjenda vivanda vivēde
 adepem adipe kaŕda koda kawdŕ kawdŕ kōde cəqadə dentem dā djente dente dēſŕi dēti dē dint dinte pedem pje:de
 dorsum do dōsso dos dō dwes do espalda iſpadwə iſpadwə figədu pjodđŕa pedŕe lapidem laude lapide pudŕ nubladu
 nubladu sōdŕ sendŕə sē:d estrada strada istradŕ die:s dia di diŕ diŕ diə di di diurnum djurno diurna:ta xornada dʒornade
 komedere manduka:re mandukar morder:re moŕdŕ morderə moŕdŕ mwardi spuda: ri:de:re ri:dere ridi ride wide:re vedere
 vjodi vedŕa aŕdi:re udire uldi: kŕide kwidar kujda odo:ra:re odorare kŕēdŕ dormi:re dōxmŕ dormir dormire dōxmŕ durmir
 durmi dwəxmŕ durmi: dormi okki:dere utſŕidere utſŕide di:widere dibidir dividere diviðir dibidi dividi divide skindere sēde
 ſindere findere fūđŕ ender fēdere fēder fēderə pwēđŕ ra:dere radere rada: rade fodere nadar nadaŕ nəda nada:
 andar andare ēdaŕ ēdar ekstendere etāđŕ ekstender estendere iſtēder iſtēder əstendŕə ekstinde sedere sedere ſedŕə
 sedentare tōđŕ kadere kadere ſŕjade kəđə dare dar dare daŕ dar dar da: da dona:re dōne donar donare doa duar duna
 dine dona: epŕēdŕ etŕēdŕ limpida:re kudŕ di:kere diŕ deθir dire dizer dizer di di:ŕ di: lu:dere ludir arde:re aŕdŕ arder
 ardere aŕdŕ ɛrder arde inkendere ēsāđŕe enθender inſŕendjare iſēdŕar ənsendŕə inſŕindŕe todo todə dut grandem grande
 grande grēdi gurdus gordo lurdus lerdo lordo lerdo lerdo menudo miudu de:lika:tus du:ze: delyađo delikato dewgadu
 delyađu dəlikat kalidus kaldo kaldo kawdu kaldu kald fri:gidus freddo putridus putrido putred podri sordidus sordido
 sordido sordidu sordidu dire:ktus đŕwa dritto direjtu drət drə: drət drept rotundus redondo ritondo rəđōdu rīdōdu rədo

Appendix 3 - Words containing each segment

rætund nitidus neted u:midus umido umid umed u:dus ud adpropre dekstrum djestro destro destru dēstru destrā djestri wiridem berde verde verdi verdi verde duo:s dō dos dojs dojf dos dō: doj doj duaj due dowā duas duēs duēf kʷid kʷando: kwando kwādu kwēdu kwand kind kʷo:modo ad deintus dā dins kʷod

e

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ego: ew ew jew usted vose vōse voste embra femmina femēv femjv fembra femeje mulierem muxer μολλε muλεκ muλεr muλε mujere dōne hominem ombre infante infante fante nenēj nenēj nen epuz esposa mulier mulier μολλε muλεκ muλεr muλε mujere epu esposo matrem mēx mādre mā:dre mēx patrē pa:dre nema:l nāmaje piskem peθ peffe pef pešte awem abe awikellum useλ passerem passero pasāre kanem kane kijne peduklus pedoli pōdukje serpentem sekrā serpente serpente sekrēfi sārpen farpe wermem vēx berme verme vēmī vermi vjerme arborem albero arbore selba selva selba selve se:men seme sementis simjente semente semēfi sēmen sementfe fwee fōaje frondea ra:di:kem ra:di:ke radi:fe kortikem korti:fe kortikea korteθa kortetfa skortea ekōxs skwartse flo:rem fjo:re floare herba jerba ēxv ērbā jarbe gra:men fu:nem fune funje restem kēsti kotenna pellem pjel pelle peli peλ pjele karnem karne karne karne wi:wenda bibjenda sangʷinem sangre sangwe sin:ge weso adepem adipe gref webō kwerno penna pepa penna penē penē pen pene pelo pelo pelu kabejo kapello kabelu kēβelu kaβeθa kavetssa kabesē kēβesē testa testā teste orexa orekkja oreλv orele ureke ne ne nari:fe gōle dentem djente dente dinte ungje pedem pje pje pje:de piez jambe perna pjerna petiolus peθiolo genikulum zueλu dženoli dženunkʷ el el ale wentrem bjentre bentrā vintre pantikem pantse pintetfe intera:nea entrāna kwejo dwes epol espalda spate seno seno sen pektus peθo pjept kwōre anime fegato fedzā so:lem sole sōare soreli lune etwal estreja stella istrelv iθrelv stele age ploje plōaje flu:men fjume kīvjek mare mare mēx mare sa:lem sale se sare petra pjeθ pjeθra pedrē pedrā pje:re lapidem laude lapide arena ārenā pulwerem polvere pulbere terra tēx tjera tēx tjere nube nube ka:li:ginem kalidzine nebula njebla nebbja newlā negurā tene:braj tē:nebre tene:bra:s tenebēx tinjeblas tē:nebre tēnebrās fyne fumate θjelo θfer wentum bjento ben niwem njebe neve new gelu: jelo dzer glatfe fwego kinerem θjenere θeniθa θjenufā estrada montem monte monta:nea montaje noctem nofje notte nōapte zu:ne dōrnade no:men no:me nume no:minem nombre lengwa bibere beber bere bebēx biβer bevi komedere komer kome kumer mandukare māze mandzare morde:re mōrder mōrdere mōrdek mōrder morsika:re morsikare murseka su:gere syse su:ge konspuere kōspyte eskupir sputere esputar sputare womere vōmere vōame suffla:re sufle soffjare sufle respi:ra:re respirar respirare kspirar respira: ri:de:re reir ri:dere ride wide:re ber vedere vēx ver vedēa aud:re udire ski:re sapere saber sapere sabēx sēber kogno:skere konōθer konōffere kōpesex kupiser kunqaste kōgita:re kuide kodzitare kudzeta pens:are pāse pensar pensare pēse penjsa: senti:re sentir sentire olē:re oler olire odor:are odorare fra:gra:re flēx fragrare time:re temer temere temēx timer temā temi teme tremere tremere tremare tremēx trimer dormi:re dormire wi:were vivere vivev viver morire mōvex muxer neka:re nwaje neka anegar annegare tje tuwe makta:re mate okki:dere utfjdere ufjide pugna:re pu:pnare battuere battēre batev bater bate kaptia:re fase kattfare pulsa:re puse pulsare seka:re sje segar segare segāx sea: kūrta:re ekskurta:re ekurte skortare talia:re taje taλla:re di:widere dividere divide skindere sēde findere findere ender fēndere fēder fēder parti:re partire se:para:re sōvē separar separare separāx separa: separa pungere pundzere pundze jugula:re zygyte jugula:re ra:dere raer radere vāex vāer rade vāze rasare fodere kawa:re fōve kavare ekskawa:re eskabar skavare nata:re nwtare naviga:re nāze nabegar navigare wola:re vole volare vōle zvola

re fōmine kamminare fjimine māvse mergere mērdzere mērdze ambita:re andare weni:re benir venire veni ekstendere etādēx ekstender estendere istēdēx iθtēder āstendrā ekstinde jakē:re zezix jaθer dātfe:re zēzēx zēzer dze jesi sede:re ser sedere sēx ser fedzā sedenta:re sentar senta: sta:re estar stare leva:re lāve jēbar levare levāx lāve leva: alti:are ose altsare torna:re tūvne tornare tu:rne gyra:re zivē dzirare vīve virare vīve torkʷe:re torθer tōrtfere turser turser tōartfe kadere kaer kadere θjade tōbe tume dare dare dona:re dōne donare dine tene:re tener tenere tēx ter tsine segurar eksprimere epēdēx ekspremir sprēmere iθprēmēx iθprāmer āspremā esprimi skreme serrere serar seā seare seāx θerar serrare sere appetora:re apretar stringere etvēdēx estrepir strindzere stringe strindze frika:re frēje fregar fregare frea freka frikta:re frōte frettare frōte laware lave lavare lave tergere tērdzere ekstergere estarsir fterdze eksu:ka:re esujje enxugar affugare suwe limpida:re tira:re tivē tirare tire pulsa:re puse pulsare trahere trarre traze trēzer tradze impingere impindzere impindze jakta:re zōte eθfar dzettare dze lanke:re lāse lanfjare e:runka:re arronfjare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kutfjire kuzer kuzer cōase komputa:re kōte kontare kōte e:numera:re enumēv enumerar enumerare enumerar enumerar enumera numera:re nōbēx novurare numera numera: dikere deθir dire dizer dizer zifje ekspo:nere sporre spūne kanta:re fūte kantare fjūte lu:dere jōka:re zve dōkare dzuwe flu:ktuare flykttje fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare kōle ekskurrere eskurir skorrere iθkōvex iθkurer skurdze kurrere korer korrere kōvex ku:ver kurdze gela:re zōle elar dzelare dzale glakia:re glase gjatfjare inglakia:re ingetsa aūgmenta:re ogmāte aūmentar aūmentare aūgmentar aūgmentar augmenta infla:re āfle enfiare ēfle enfla: konfla:re gōfle gonfjare gōfle intume:skere entumeθer itumeser itumeser kre:skē:re kreθer kreffere kresex kriθser krefā krefte bōyle bruffare bōu:le krema:re kōame kemar kremare kējmare kējmāve flamma:re flame fjammarē arde:re arder ardere a:dek v:der arde flagra:re flagv flagrare inkendere ēsādze enθender intfēndjare isēndzjar ānsendrā intfēndze ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espo spesso iθpesu grabe grēve grew grew lēdo lēdo pekeno pekenu pikenu brewis brebe brew b:ref etvāwa estrefjo stretto menudo delyādo delikato dewgadu subti:lem sottile subtsire freddo rekentem reθjente reθfente vēsēfi vēsēfi

Appendix 3 - Words containing each segment

retsint retſe ʎeno nweβo wetulus bjexo veʎu veʎ vjei vekʎ bweno putred putrem poðre drept redondo ʎedōdu hebetem ebete retu:sus retuzo sua:wem soave netto neted umed seko sekko seku seku sek korretto proizme adpropre aprōape pressus pŕe beθino veſin θerka dekstrum djestro destrā djestri sinjestro sinistro sijestri vermikulus bermexo vermíʎo vεrmeʎu rubeus rubeo rubeo ruðſe wiridem vεr berde verde verdi verdi verde galben amarellus krokeus kroſſeo due tres tre tres tref kʷi:nkʷe ʈɿŋkwe ekkumhi:k kʷem kjen ʈɿne ke ke ʈſe ʈſe kome ʈfemu:t nek ne en deintus avek et e e e e ke ke ke

f 0066 24
fe:mina fam femmina femev femje fembra foem femine femeje infantem ǎfǎ infante fante ifēſi ifēti efǎ fru:ktus fŕuſi fruto frutto frute frute frujt frŕy frut frukt folia fœj fǎʎʎa foʎe foʎe fuʎǎ fǎj fwee fŕaje frondea frondza frōse frōse frunza flo:rem flōe flor fjo:re floe flor flō flōe flo:r flŕare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato figeðu fiyeðu fedſa fœ:t fija:t fikat flu:men fjume flumi flumi flum fu:ma:ta fyme fumata fuma:ta fumasε fumasε fumate ni:f ne:f fu:mus fumo fumu fumu fum fum fum fokum fœ fwego fwǎko fogu foŕu fœk fœ fu:k fok suffla:re sufle soffjare sufle soflla: sufla fra:gra:re flæe fragrare flǎjra findere fǎdε fendere fēdε fēder fēndrǎ fēt fodere fwis frika:re fŕeje fregar fregare frǎga froj frea freka iffriar iffriar frikta:re fŕote frotar frettare fŕote frisar frǎsa flu:ktua:re flyktŕe flugtwar fluttuare flutuak flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwis flwir flui infla:re ǎfle enfiare imfla ēfle enfla: umfla konfla:re gōfle gonfjare gōfle zgloſa: flamma:re flame fjammarε flama flama: flagra:re flagε flagrar flagrare flagræ flagrar grǎjef bŕef bŕef fri:gidus fŕwa frio freddo friu friu fret frwε fret pu:f

h 0068 40
hominem homo: pēhō u:he: herba hare:na kinǎ hǎ:si: trahere hebetem ekkumhi:k abhoc

i 0069 7
io noi vo:i fe:mina femmina femine mulierem domina hominem infantem infante ifēſi nipo nino ispoza mulier mari mariðo marito maridu meriðu marit mǎrit ispozu sokius mari pari animalia alimapa be:stia biffa biſe biſe bis piskem pejſi avi awikellum pidǎkkjo pioʎu pioʎu pedoli seŕpēſi sarpint vεmi aŕvori silwa fŕuſi sementis simjente semēſi simēs grin folia raiθ ʎais ʎeif ʎadi ʎasin rǎdǎſina kortikem kortiſe kǎſſisi kǎrtisi kortikea kǎſſise kurtise rista ʎeſſi koðſie kodie peli kǎni bibjenda vivanda vivēda vivēde sangʷinem sēgi adipe pilus kapillus ʈſivja kapitia o:rikla voli nariθ nariſe naris nerif dēſi dint dinte piez petiolus peθiolo pittŕolo pitſjor genikulum inoxo đzinǎkkjo đſinǎ đenoli vintri vintre pantikem intera:nea iſpadwε iſpadwε sinus si pi pit anima anime inimǎ iyaðo figeðu fiyeðu fija:t fikat solikulus soreli istrelε pluwia plŕi flumi rio rio ʎiw ʎiu riw riŕaria ʎivjε rivi:ε lapidem lapide arina nu:bilus ka:li:ginem kalina kalidſine kalizē ʎelizē tinjebłas kajkia 'vint niwem nevi kinerem θeniθa ʈɿnize wia bia via vie vie biǎ istrade iſtrade kamino kammino kemjnu kǎmi mōſi nŕi nit die:s dia di die die diǎ di zi diurnum diurna:ta nomi no:minem lingʷa lingwa limbǎ bibere bevi mwardi morsikare morsikare kuspis kufpir eskupir ǎskupi vomis vo:mi respirar respirare ʎespirar ʎispirar rǎspira respira: ʎis reir ʎis ʎir riwrǎ ridi wide:re vjodi wis oir udire owvis owvir ui auzi ʈti kinǎ korosi ko:gita:re kŕide kwidar koðſitare kuzitar kuzitar sǎtis sentir sentire sēſis sētir sǎnti sēti sinti: simtsi olire time:re temi trima: dǎmis dormir dormire dǎmis durmir durmi dwǎmi dormi vivε bibir vivere vivek viver biwrǎ vivi via mukis morir morire muri mǎri muri tu:ta:ri ǎksis utſidere uksi utſide batir bati kaptia:re ta:lia:re di:widere dibidir dividere đzividſis dividiðir dibidi dividi divide skindere findere findere pǎtis partir partire pǎſis pǎrtir pǎrti pǎrti pǎrti pŕis pŕis pupi fwis iſkevar iſkevar naviga:re navigare naviga: naviga fǎmine kaminar kamminare kemjnas kemjnar kǎmina ʈɿmine camina: ambita:re vǎnis benir venire vis vir bǎni vini vipi: veni istēdε iſtēder ekstinde zezis jesi altia:re zisε xirar đſirare zirar zirar zira đſira: viſe birar virare virar zirar bira viſe đſira: keir keir dine tǎnis tǎni tini tinji tsine eksprimere ekspremir iſprǎmε iſprǎmer esprimi stringere estreſir strindſere ǎſtrǎſir ǎſtrǎſir stringe frika:re frikta:re frisar estarsir ǎstǎrzi esŕije limpida:re limpjar tira:re tiſe tirar tirare ʈſira tirar tira tire tira: impingere impindſere impindſe xita liga:re lie ʎiya kuſſie kuzi kuzi diſ deθir dire dizer dizer di ziſe ludir fluita:re fluitare fluir fluire flwis flwir flui eskurir iſkoεk iſkurer kuſis kori glakia:re inglakia:re inflare inſar enfiare imfla intume:skere inkendere inſendjare inſindſe onſi altri alius grēđſi spissus ispesu iſpesu grawis grǎjef gravi gravi pittitus pǎti pǎtit piti 'pittinus pitſfino putsin pitulus pikkolo pitſul brevis brevi striktus istrejtu minu:tus minuto miudu miuðu minu minu:t de:lika:tus delikato dǎlikat sutil sottile suſiw suſiw suptil su:ti subtsire kalidus fri:gidus frio friu friu ʎesēſi ʎesēſi retsint plin vjei putridus poðrido putrido puðrit podri sordidus sordido sordido sordidu ispurku iſpurku drito đſirejtu direjtu ritondo nitidus niðio umidus umido umid sikkus proksimus proximo prǎssimu prosimu proizme prosim beθino viſſino vizjnu vizjnu bǎi vizē viſſin veſſin kirka djestri sinistrum sinjestro sinistro sijestri vermikulus vermiʎo wiridem galbinus amarijo kwatri θinko ʈɿŋkwe siſk ʈɿſŋk ʈɿſſi isi aki kwi aki ǎki aki aki illa:k ibi: vi ai ai ǎi kʷis ki ki ki kwi ʈɿne kʷid ki ni ni ni in in deintus dins i i i i si si si si si si si fi ki

Appendix 3 - Words containing each segment

j 006A 12
jo jew nojs vɔjs femjɛ femeje mujere mujere omaj nɔmaje utʃjel ʃjɛ pjoxo pidɔkkjo pju pɔdukje serpjente sjɛrɔpɛ vjɛr vjɛr vjerme frujt simjente fɔɛj fɔj fɔaje fjo:re jɛp jarbe jarbɔ funje pjɛl pja pjɛl pjele vjɔd bibjenda pjuma ʃʃivja orekkja œj ɔkkjo u:j gɔɔj djente ungja ungje pje pje pjɛ:de pjerna pitʃʃor ɟinɔkkjo bjentre ɔtɔaj pjept fija:t jubja pjodɟa ploje plɔaje fjume ɔivjɛr pjɛr pjɛdra pje:tra pje:re pjatrɔ so:vjɔ sabbja tjera tjere njɔly njebla nebbja tinjeblas sjɛl ʃjelo bjento njebe gjatʃja djurno skuja soffjare vjodi kujda flɔjra sje taje teji: taja: taja jugula:re jugula:re jake:re jesi ʃʃjade tinji esɔije suja: limpjar jakta:re lɔji: jɔka:re ɟuja: gjatʃjare gonfjare ʃjammare ɛsɔdʃe inʃɛndjare isɛdjar majjo:rem ampjo gɔijɛf rɛʃjente pjɛ:no vjɔ bjexo vɛkkjo vjei djestro djestri sinjestro rubjo rɔbbjo kjen

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sokius piskem awikellum kanem kan kane kɛw̃ kɛw̃ ka kijne peduklus pidɔkkjo pɔdukje fru:ktus frukt ra:di:kem ra:di:ke ra:di:ki:na kortikem kortiʃe kɔtʃisi kɔrtisi kortikea korteθa kortetʃa kɔtʃise kurtise skortea ekɔs skɔrtsa ɔskɔrsɔ skwas skwartse skɔartsɔ kwan kotenna kodʃie kodie konnɔ karnem karne karni karni karn karne saŋk kɔ:ɟ kornu: kɔrn kwerno kɔrno kɔrnɔ kornu kɔrn kwen kwa:r korn kaɟda kɔ kola koda kawdɛ kawdɛ kua kɔw kodɛ kapillus kabejo kapello kabelu kɛβɛlu kɛβɛl kapitia kɛβɛθa kavetʃsa kabesɛ kɛβesɛ kap kap o:rikla orekkja ureke okulus ɔkkjo bukka boka bokka bokɛ bokɛ bokɔ bok bukɔ kambɔ pɛkol genikulum ɟinɔkkjo pantikem kollum ku kwejo kollo kɔlu kɔlu kɔl kwɛl pektus kor kɔɛ kwɔre kɔɛ kor kor ku:ɛ ku:r fika:tum fikat solikulus akkwa lakum lak ʌak lak lak saksum ka:li:ginem kalina kalidʃine kalizɛj kɛlizɛj kajkia kajlum fokum fwɔko fɔk fu:k fok kinerem kammi:num kamino kammimo kamjɔn kɛmijɔn kɔmi komedere komɛr kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka konspuere kɔspye kuspiɔ kuspɔr eskupɔr ɔskupi skuja ski:re kogno:skere kɔnɛtɔ konɔθɛr konɔffɛr kɔpɛsɛr kupiser kunɛʃɔ kinɔh kɔposi kunɔʃte kɔ:gitɔ:re kɔide kwidar kodʃitare kuzitaɛ kuzitar kujda kudʃeta kɛdɛɔ neka:re neka makta:re okki:dere ɔksɔr uksi kaptia:re kaθar kattjare kasɔr kɛsar kɔsa seka:re kurta:re kortar kɔstɔr kurtar ekskurta:re ekurte skortare skurta: skurta skindere raskar ɔʃkaɔ ɔʃkar rɔska kosaɟ kusar kawa:re kabar kavare kɛvɔr kɛvar kɔba ekskawa:re eskabar skavare iʃkɛvɔr iʃkɛvar kaminar kamminare kɛmijɔr kɛmijar kɔmina ekstendere ekstender ekstinde jake:re kadere kaɛr kadere kɛir kɛir kawrɔ kadɛa eksprimere ekspremir skreme appekto:re frika:re freka frikta:re ekstergere eksu:ka:re uska jakta:re lanke:re e:runka:re arankar arunʃka kɔ:nsuere kudɛ koser kufjire kuzer kuzer kuzi kɔ:z kuzi komputa:re kɔte kontar kontare kɔtar kɔtar kumta kɔte konta: di:kere ekspɔ:nere kanta:re kantar kantare kɛtar kɛtar kanta kinta jɔka:re ɟɔkare zuka flu:ktua:re flyktɟe fluktua kɔ:lare kule kolar kolare koaɛ kuar kuʌa kɔle ekskurrere eskurir skorrere iʃkɔvɛr iʃkureɛ ɔskorɔ skori: skurdʃe kurrere kuɔiɔ korer korrere kɔvɛr kuɛr korɔ kori kurdʃe glakia:re inglakia:re konflare intume:skere kre:skere kɔwatɔ kreθɛr kreffere kreseɛ krɔʃɛr kreʃɔ kreʃte krema:re kɔame kemar kremare kɛjmare kɛjmaɛ krɔma inkendere okɔɛ alkuno paɟkus poko pɔko powku powku pɔk pɔ:k lunk ʌark lark krassus pekeɟo pekenu pikenu pikkolo kurtus kuɛ korto korto kuɔtu kurtu kurt ku:ɛ kurt striktus de:lika:tus delikato dɔlikat kalidus kaldo kaldo kawdu kaldu kaʌ kald rekentem vɛkkjo sporko ispurku ifpurku spɔrk spurk di:re:ktus aku:tus sikkus sek seko sekko seku seku sek sek sek korre:ktus korretto proksimus wi:ki:nus kirka θerka dekstrum vermikulus krokeus krotʃeo grɔk katɔ kwatro kwattro kwatru kwatru kwatrɔ kwat kwatri sɛk θinko ʃʃiŋkwe siku siku siŋk sɛk 'ʃiŋk ekkumhi:k aki kwi aki ɛki aki illa:k ki ki ki ki: kwi kjen kɛj kɛj kwa ke ke ki ki kɛ kwe: kɔ kwando kwando kwɛdu kwɛdu kwan kwand kwant kind kɔmɔ komo kome komu komu kɔm kɔmɛ kum nek kum kon kon kɔ kɔ ku avek sik kɔ ke ke ki kɔ ki: ke kɔ

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mulierem mulier animalia alimaja nema:l awikellum utʃfello utʃjel peduklus pedoli arβol albero arbul silwa selba selva selba selve pa:lus pal palo palo pal pa:l folia ɔrel flo:rem floɛɛ flor floɛ flor flɔ flo:ɛ flo:r floare pellem pjɛl pelle peli peli pjɛl pjele kola plu:ma plym pluma plomɔ plɔm plume pilus pwal pelo pelo pelu pilu pel pe:l kapillus kapello kabelu kɛβɛlu o:rikla orele okulus voli gula gɔɛl gola gola golɔ gole ungula ɔgl ɔngule petiolus peθiolo pitʃɔlo pɛkol genikulum ɟɛnoli a:la el ala ala alɔ el ale kollum kollo kɔlu kɔlu kwɛl spatula epol espalda spalla spal spale alma alma almɛ so:lem sol sole sɔl sɔlɔ solikulus sɔlɛj soreli lu:na lyn luna luna luɛ luɛ lɔn lune lunɔ ste:lla etwal stella istrelɛ iʃtrele ɔstɛl stɔ:l stele pluwia plɔi pluzɔ plu:ɛ ploje plɔaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak la:t lak sa:lem sɛl sal sale sal sal sa:l lapidem laude lapide sabulum sabl savalɔn sabula pulwerem polvere polvar pulbere pulwus polbo pols nu:bilus nublo nuvola nublado nublado nu:l ka:li:ginem kalina kalidʃine kalizɛj kɛlizɛj nebula njɔly njebla newlɔ tinjeblas kajlum sjɛl ʃjelo ʃjelo sɛl ʃi:l gelu: zɛl jelo ɟɛlo glas glas glɛs glatʃe lingʷa lɔg lengwa lingwa ligwɛ ligwɛ lɛy 'lɛŋgɛ limbɔ suffla:re sufle sufle sofia: sufla uldi: olɛ:re olɛr olire ulura flɛɛ flɔjra pulsa:re pulsare pulsa: pulsa ta:lia:re jugula:re zygyɛ jugula:re wola:re vole bolar volare bula vɔle zvolare zvola: leva:re lɔve levare levɔr livar lɔve leva: lua altia:re alθar altsare ɔlsa altʃa: lawa:re lave laβar lavare levɔr levɔr lave lava: la limpida:re limpjar lipar lipar pulsa:re pulsare pulsa: pulsa lanke:re lɔse lanθar lanʃare lɛsa lɛsar lanci: lanʃa: liga:re lie legar legare lɔji: lea: lega lu:dere ludir flu:ktua:re flyktɟe flugtwar fluttuare flutuɔr flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwɔr

flwir flui ko:la:re kule kolar kolare kōle gela:re zōle elar d̥elare zilar zilar zōla d̥ale glakia:re glase glōsa glaf̥a: inglakia:re
infla:re d̥fle imfla ēfle enfla: umfla konfla:re gōfle gōfle zgloŋfa: b̥ōyle b̥ōu:le flamma:re flame flama: flagra:re flag̥e flagra
flagrare flag̥aḥ flagrar ustula:re ustolare multus molto mol molc mult alguno alkuno əlgu alter altro altr̥a altri alt alius
longus lō longo lungo lōgu lōgu lō lunk lung largus l̥aḯ laryo largo l̥aḡu largu lark larg la:tus le lato lato latu latu lat
amplus əpl̥ ampl̥a lurdus luḥ lerdo lordo lerdo lerdo pitulus pikkolo piṭful de:lika:tus d̥elyaḏo delikato d̥əlikat subti:lem
sutil sottile sūptil suti:l kalidus kaldo kaldo kaldu calt kald ple:nus pl̥ē pl̥ē pl̥en plin wetulus malus mal malo malo mal
ma:l lw̥ēt̥e lontano lontan vermikulus galbinus galben amarellus ɐmarelu ɐmerelu albus albo albo alvu alb alb illa:k la la
la la la la

fe:mina fam embra femmina femēna femje fembra fœm femine femeje mulierem muxer moʎle muʎek muʎer muʎe muir
 mujere domina dam dœm dœmnœ hominem ɔm ombre omēj ɔmēj ɔmœ ɔm ɔm om homo: wœmo infantem mulier muxer
 moʎle muʎek muʎer muʎe muir mujere maritus mari marido marito maridu meridu marit marit: marit ma:trem mek
 madre ma:dre mēj mēj marœ mek mari animalia omaj alimaja nema:l nœmaje piskem awem awikellum passerem kanem
 serpentem wermem berme verme vœmi vermi vœm vjerne arborem se:men seme sementis sœmœs simjente semente
 semēfi simēti sœmen simēs sementje sœminfje gram:um radi:kem kortikem flo:rem gramen gramen grœme grœme
 gram funem restem pellem karnem sang^winem ossum adepem o:wum plu:ma plym pluma piuma plomœ plœm plume
 dentem pedem gamba gamba gamba kambœ jambe gambœ gambœ genikulum manum mē mano ma:no mēw mēw mē marj
 minœ wentrem pantikem kollum dorsum anima ɔm alma alma awmœ almœ ɔ:m anime inimœ fi:ka:tum so:lem flu:men
 fjume flumi flumi flum lakum mare mek mar mare mak mar mar mek mar: mare sa:lem saksum lapidem sabulum
 pulverem ka:li:ginem fu:ma:ta fyme fumata fuma:ta fumase fumase fumate kajlum wentum niwem fu:mus umo fumo
 fumu fumu fum fum fokum kinerem kammi:num jœmē kamino kammino kamiju kemiju kœmi montem mœ monte
 monte mœfi mœti mun mœnt munte monta:nea mœtaj montaj montaja mœtēje mœtēje muntaja mœtaj montaje
 noctem diurnum annum no:men no:me nomi nomĩ nœm nune no:minem nombre limbœ komedere komer kome kumer
 manduka:re mœze mandukar mandzare mēzœk mēzar mœrja mari: marja: minka morde:re moxœk moxœr mœrdere moxœk
 mœrœr mwardi morsika:re moskar morsikare musœga musœgar musœja murseka womere vomik vœmere vo:mi vœame simsi
 time:re temer temere temek timer temœ temi teme tremere tremar tremare tremek trimer trima: dormi:re dœmĩx dormir
 dormire dœmĩx durmir durmi dwœmi durmi: dormi muʎik morir morire moxœk muxer muri mœri muri: muri makta:re
 mate matar matax metar mœta maʎa: jœmine kaminar kamminare kemijax kemijar kœmina fjimine camina: maʎe ma:ʎfi:
 mergere merdzere merdže ambita:re tumar tumba tume eksprimere ekspremir spremere isprœmek isprœmer œspremœ esprimi
 skreme limpida:re limpar impingere impindžere œpœnœ impindže komputa:re kumta e:numera:re enumeœe enumerar
 enumerare enumerar enumerar enumera numera:re numera numera: numara augmenta:re ogmœte aũmentar aũmentare
 augmentar augmentar augmenta imfla umfla intume:skere entumeœer itumeser itumeser krema:re kvœme kemar kremare
 kejmare kejmœke krœma flamma:re flame fjammare flama flama: omne:s multus mu muʎo molto mœjtu mœjtu mol molc
 mult magnus maɣo maɣno grandem majjo:rem mare amplus ampjo amplœ strimt minu:tus mœny menudo minuto miudu
 miuðu mœnunt minu minu:t mœrunt subti:lem rekentem malus mal malo malo maw mal mœ: ma:l putrem hebetem
 sa:wem u:midus umido umid umed proksimus proximo prossimo prosimu prosimu proizme prosim dekstrum sinistrum
 vermikulus vœmtej bœrmœxo vermiʎlo vœmœlu virmœjlu bœrmœʎ wiridem amarellus amacijo œmarelu œmœrelu u:num
 ekkumhi:k k^wem k^wo:modo kœmœ komo kome komu komu kœm kœmē fjemu:t kum kum

no:s nu nos noi nojs nof no no: noj fe:mina femmina femine domina donna done done dōnā dōne dōamnā hominem
infantem infante fante nijo nino nenēj nenēj nen sponsa sponsus animalia nema:l nāmaje kanem kan kane can kijne
serpentem serpjente serpente sārpen sarpint se:men sementis simjente semente sāmen sementfē sāmintfā gra:num gŕen
grano grano grin gran frondea frondā frunzā ra:diki:na ŕasin re:sen rēdāfina gramen grāmen fu:nem fune funje kwan
kotenna konnā karnem karne karne kaŕni karni karn karne wi:wenda bibjenda vivanda sang^winem sangwe sindge kornu:
kōŕn kwerno kōrno kōŕnu kōrnu kōrn kwen kōrn penna pen penna penē penē pen penē panā na:sus ne naso na:so nas
ne na:s nas nariθ nariŕf naris nerif na:ris dentem djente dente dint dinte ungula ungie perna pjerna perno pēŕne
pērne pērnā genikulum zōnu inoxo dŕinōkkjo zōnoł dŕino dŕenoli dŕenunkⁱ manum mano ma:no minā wentrem bjentre
bentrā vintri vintre pantikem panθa panŕa pantse pintefē intera:nea entrāŕa ēntrāŕa sinus seno seno sen san anima
anime inimā lu:na lyn luna luna lūnā lōn lune lunā flu:men hare:na arena ārenā arinā savalōn nu:be:s ny nube nube
nuvēj nuvēj nu:bilus nublo nuvola nubladu nubladu nuŕuθ nu:l nor ka:li:ginem kalina kalidŕine nebula njoly njebla nebbja
nevve nevve newlā negurā tene:braj tēnebre tene:bra:s tenebŕ tinjeblas tēnebre tēnebrās wentum bjento vento ben 'vint
vint niwem njebe neve nevi nevi new ni:f ne:f ŕea kinerem fŕenere sendrā θeniθa fŕinize fŕenuŕ kammi:num kamino
kammino montem monte monte mun mōnt munte monta:nea montāŕa montāŕja muntāŕa mōntaje noctem nŕi noŕf
notte nojti nojti nit nyt noapte diurnum dŕurno dŕorno zōrn zōŕna zōŕna diurna:ta zōŕne xornada dŕornata dŕornade

Appendix 3 - Words containing each segment

annum anno enu enu an no:men nō no:me nomi nomi nōm nō nōj nume no:minem nombre ling^wa lingwa 'lenge manduka:re mandukar mandžare minka konspuere kogno:skere konetx konoθer konoffere kunefə kinəh kunəafte pē:nsa:re pensar pensare pənsa senti:re sentir sentire sēnti sinti: neka:re nwaje nəga neka anegar annegare pugna:re skindere findere findere ender fendere fendrə pungere pundžere pundže nata:re nadar nwotare nadax nəðar nəda nada: naviga:re naze nabegar navigare naviyax nəviyar nəbəga nədži: naviga: naviga fəmine kaminar kamminare kəmina fimine camina: andar andare weni:re vənix benir venire bəni vini veni ekstendere ekstender estendere əstendrə ekstinde sedenta:re sentar senta: torna:re tūne tornar tornare toxnax turnar turna tu:rne torna: turna dona:re dōne donar donare duna dine dona: tene:re tənix tener tenere tēni tini tinji tsine stringere strindžere stringe strengi: strindže enxugar impingere impindžere impindže lankea:re lanθar lanfjare lənsa lanci: lanfja: e:runka:re arankar arronfjare ko:nsuere kontar kontare konta: e:numera:re enumeke enumerar enumerare enumerar enumerar enumera:re nōbxe noverare numera:re numara ekspo:nere spune kanta:re kantar kantare kənta canta: kinta inglakia:re ingetsa aųgmenta:re aųmentar aųmentare aųgmentar aųgmentar augmenta infla:re infjar enfiare enfla: konfla:re gonfjare intume:skere entumeθer inkendere enθender infjendjare isendžiar ənsendrə infjindže omne:s tantus tanto tanto tant tanc alguno alkuno magnus grandem grande grande gran grant longus longo lungo lunk lung antjo 'pittinus pitfino pekenu pikenu putsin angustus angosto angusto minu:tus mənny menudo minuto manut minu:tu mərunt rektentem reθjente refjente retsint ple:nus ləno pjəno plen plin nowus nuvo nweβo nɔvo novu novu nɔw nɔve now bonus bweno bwɔ:no bɔn bɔn bun rotundus redondo ritondo tarɔnt rətund nitidus net niðio netto nədju nədju net net net

ed wiki:nus beθino vitfino vitfin vetfin lontano lunta lontan sinistrum sənəstx sinjestro sinistro galbinus zon džen galben u:nun uno uno un unu k^w:ink^we θinko ffinf kjen fjine k^wando: kwando kwando kwan kwand kwant kind no:n nō no non nēw nēw no nō no nu nek ni ni ne nēj nēj ni nē in en in ən in deintus dins kon kon

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jo io jo nos no bos vof vos vose voste mołłe domina dona done done hominem ombre oměj om homo: wəmo nijo nino sponsa esposa ispoza ifpozə mołłe mariðo marito sponsus esposo spɔzo ispozu ifpozu sokius sɔfjo sots omaj wazo utfello paxaro passero pjoxo pidəkkjo piołū piołū poł pedoli arborem arβol albero ərvori arbore palo palo fruto frutto grano grano folia oxa fołe fołe frondea frondza kortikem kortiŋe kortikea korteθa kortettja koŋfise skortea ekoxs flor flox flor kotenna kođje kodje konnə po ossum weso ɔsso osu osu os webə wɔvo ovu ovu ow kornu: kwerno kɔrno kɔrnu kornu korn kola koda plomə pelo pelo kabəjo kapello oxej orexa orekkja orełe orejəle orele okulus oxo əkkjo ołū ołū voli ok^l naso na:so boka bokka boke boke bokə gola gola golə perno petiolus peθiolo pittfɔlo pekol pitfjor inoxo dʒinəkkjo ʒənoł dženoli mano ma:no kollum kwejo kollo dorsum do dɔsso dos do epol seno seno pefjo petto kor kor iyaðo fegato sol sole solikulus soreli o pjodžə ploje rio rio lago lago sasso sorə polvere polbo pols nublo nuvola nor θjelo θjelo bjento vento jelo dʒelo umo fumo fokum fwego fwəko fogu foyu fok kamino kammino montem monte montane:nea montəna montəŋna noctem nofje djuerno dʒorno zorn xornada dʒornata dʒornade əno anno nomi nomi nombre komedere komer kome morde:re moxdx morðer moxdex morsika:re moskar morsikare konspuere womere vomix soffjare sofja: vjodi oir owvix owvir kogno:skere konoθer konoffere ko:nesəx ko:posi kođitare ole:re oler olire odo:ra:re odorare dormi:re dormir dormire doxmix dormi morir morire moxəx okki:dere kortar koxtəx skortare kosał fodere nwotare wolə:re vole bolar volare voax zvolare zvola: ose torna:re tornar tornare toxnax torna: tork^w:ere torθer dona:re donar donare doa dona: appekto:re fɔte frotar fɔte arronfjare koser komputa:re kontar kontare konta: noverare sporre joka:re dʒokare zogax kolar kolare koax skorrere ifko:ve: əskorə skori: korer korrere ko:ve: korə kori ogmɔte konfla:re gonfjare zglonfja: ustolare omne:s opri todo tutto todū todu tot tot mufo molto mol molc tanto tanto oko: alguno alkuno poko pɔko powku powku otrə otro altro owtru owtru mapo mapno longus longo lungo loŋ laryo largo lato lato antjo ampjo graso grasso espeso spesso gordo grossus gɔo grɔsso grosu grosu gros lerdo lordo lerdo lerdo pekepo pitfino pikkolo korto korto angosto angusto estrefo stretto menudo minuto delyaðo delikato sottile fo kaldo kaldo frio freddo ləno pjəno nowus nuvo nweβo nɔvo novu novu now bjexo vekko bonus bweno bwɔ:no malo malo poðriðo putrido poðre podri poðri sordidus sordido sɔrdido spɔrko dritto rotundus redondo ritondo rədo ayuðo retuzo soave niðio netto umido seko sekko korre:ktus korretto proksimus proximo prɔssimo prosimu prosimu proizme prosim adproppe presso beθino vitfino lontano lontan djestro destro sinjestro sinistro roxo rosso ɔofu ɔofu ros rofu bermexo vermiallo rubjo rəbbjo rubeo rubeo zon amarijo krokeus krotfejo albo albo uno uno dos dos dowə k^wattwor kwatro kwattro θinko kwando kwando k^w:o:modo komo kome komu komu no non no no kon kon abhoc k^wod

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sponsa epuz esposa spɔza ispoza ifpozə əspɔzə sponsus epu esposo spɔzo ispozu ifpozu əspɔs spo:s patre pe: padre pa:dre paj paj parə pə: pari piskem peθ pefje pejfi pejfi pef pəs pefte pwasə pehə passerem paxaro passero pasəru pasəru pasəre peduklus pu pjoxo pidəkkjo piołū piołū poł pju pedoli pədukje serpentem sɔrpə sɔrpjente serpente sɔrpəfji sirpəti sərpen sjərpə sarpint farpe pa:lus pal palo palo paw paw pal pa:l par jep pellem po pjel pelle peli peli peł pja pjel pjele adepem adipe plu:ma plym pluma pjuma plomə plɔm plume penna pen pe:na penna penə penə pe:na

Appendix 3 - Words containing each segment

pen pene panā pilus pwal pelo pelo pelu pilu pel pe:l pār kapillus kapello kapitia kap kap pedem pje pje pje:de pē pē
 pew pi: pīt piez džāp perna pjerna perno pēnē pērnē pērnā petiolus pebiolo pittjolo pekol pitfjor pantikem pās pantha
 panfja pēsē pēsē panfjā pās pantse pinteſe spatula epol espalda spalla iſpadwē iſpadwē əspaʌʌʌ spal spalē spate pektus pi
 peſfo petto pejtu pejtu pit pēt pjept apə pluwia plūi pjodſa plužə plu:ʌ ploje pləaje ri:pa:ria petra pjeʌ pjeðra pje:tra
 pedrē peðrē peðrā pi:ʌ pje:re pjatrā lapidem lapide pulwerem pudʌ polvere pəlvar pulbere pulwus polbo pō pō pols
 nqapte konspuere kōspyē kuſpiʌ kuſpīr eſkupīr əſkupi ſkujpa sputere eſputar sputare spuda: respi:ra:re respirar respirare
 ʌespirar ʌiſpirar rəspi:ra respira: sapere sapere pē:nsa:re pāse pensar pensare pēsə pēsar pənsa pēsē pēnsa: pəsa pugna:re
 puſnar puſnare puſna kaptia:re pulsa:re puse puxar pulsare puſəʌ puſar pulsa: pulsa parti:re partīʌ partīr partire paſſiʌ
 pərtīr pərti pō:rti parti: se:para:re separar separare separəʌ si:perar səpəra separa: separa pungere pŵēðʌ punðere pūziʌ
 pūzi: puni punðe eſprimere epēðʌ eſpremi: spremer iſprəmeʌ iſprəmer əspremə eſprimi appektora:re apretar epirtar
 epirtar limpida:re limpjar lipar lipar pulsa:re puse puxar pulsare puſar puſar pu:si: pulsa: pulsa impingere impinðere
 əmpējə impinðe apta:re komputa:re eſpo:nere sporre spune paʌkus pō pōko pōko powku powku pək pō pō:k amplus
 āpl ampjo amplə spissus epe espeso spesso ispesu iſpesu əspēs spē pittitus pəti pətit piti 'pittinus pekeņo pittfino pekenu
 pikenu putsin pitulus pikkolo piſful ſu:ptil ple:nus plē pje:no pte plē plen plin putridus poðriðo putrido puðrit putred
 putrem poðre poðri poðri spurcus spərko iſpurku iſpurku spərʌ spurk drept proksimus proximo prəssimo prosimu prosimu
 proizme prosim adpropre əp:ɾəp əp:ɾəpe pressus p:re presso p:re patru

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mulierem mui:r mujere mulier mui:r mujere mari:tus marito mari:t mērit ma:trem ma:dre mari patre pa:dre pē:r pari
 passerem passero serpentem serpente sərpen sarpi:nt wermem verme vjer vjerme arborem arbul arbore fruk:tus fructo frut
 frukt gra:num grano grin gran griw frondea frondza ra:di:kem raiθ ərel ra:di:ke radi:ſe ra:di:ki:na rəðəfina kortikem
 kortiſe kortikea kortetfja skorte: skōrta əskōrsə skwartse flo:rem flo:r herba erba erbā jarbe gra:men restem rēsta karnem
 karne karn ca:r kornu: kōrno kōrn kwa:r kōrn o:ri:ka orekkja orele ureke nariſe na:ris perna perno pērnā pitfjor wentrem
 vintri vintre intera:nea dorsum kor kwəre kor kur soreli ri:wus rio rio riw riw ri:pa:ria rivi:ʌ mare mare mar ma:r mare
 sare petra pje:tra pje:re hare:na arina sorə pulwerem polvere pəlvar pulbere terra tjera terra tērə tjere tsarə nor negurə
 tene:braj tē:nebre tene:bra:s tē:nebre dʒer kinerem tʃenere sendrə stra:ta strada diurnum dʒorno diurna:ta dʒornata dʒornade
 bibere komedere manduka:re morde:re mōrdere mwardi morsika:re morsikare musəgar murseka su:gere konspuere sputere
 womere vōmere suffla:re soffjare respi:ra:re respirar respirare rəspi:ra respira: ri:de:re reir ri:de:re riw:ri ridi wide:re aʒdi:re
 ski:re sapere sapere kogno:skere konoffere ko:gita:re koðgitare pēnsa:re senti:re sentire olere olire odo:ra:re odorare
 fra:gra:re fragrare time:re temere tremere tremare trima: dormi:re dormire durmi durmi: dormi wi:were vivere morire muri:
 muri neka:re annegare tu:tari makta:re okki:dere pugna:re puſnare battuere battere kaptia:re katfjare pulsa:re pulsare
 sekare segare kurtare kurtare ekskurta:re skortare skurta: skurta ta:lia:re taʌʌa:re di:widere dividere skindere findere findere
 fendere parti:re partire pərti parti: se:para:re separare separa: separa pungere punðere jugula:re jugula:re ra:de:re raer
 radere rawrə rada: rade rasar rasare rəza rasa: raskar rəska fodere kawa:re kavare ekskawa:re skavare nata:re naviga:re
 navigare wola:re mergere mērdʒere mērdʒe ambita:re andare weni:re ekstendere estendere jake:re dʒere sedere sedere
 sedentare sta:re stare leva:re levare altia:re altsare torna:re tornare turna tu:rne torna: turna gya:re dʒirare dʒira: virare
 dʒira: torkʷe:re tōrfere turser turser tōrsə tōartse kadere kawrə dare dare dar dona:re donare tene:re eſprimere spremer
 iſprəmeʌ iſprəmer eſprimi skreme serrere serar səra serare θerar serrare appektora:re stringere strinðere əſtrīzīr əſtrīzīr
 stringe strēngi: strinðe frika:re fregare froj frea freka frikta:re frettare frisar lawa:re lavare tergere tērdʒere ekstergere
 əstərzi ſterðe eksu:ka:re affugare limpida:re tira:re tirare tire tira: pulsa:re pulsare trahere trarre traj tradʒe impingere
 impinðere jakta:re dʒettare lankea:re lanfjare e:runka:re arankar arronfjare liga:re legare apta:re ko:nsuere kufjire komputa:re
 kontare e:numera:re enumerare numera:re noverare numera: numara di:kere dire eſpo:nere sporre kanta:re kantare lu:de:re
 joka:re dʒokare flu:ktua:re fluttuare fluita:re fluitare fluere fluire ko:la:re kolare ekskurrere eskurir skorrere əskorə skori:
 kurrere korer korrere korə kori gela:re dʒelare glakia:re gja:ttfjare inglakia:re aʒmenta:re aʒmentare infla:re enfiare konfla:re
 gonfjare intume:skere kre:ske:re kreffere bru:tfjare bruza: krema:re kremare krəma flamma:re fjammarde:re ardere flagra:re
 flagrare inkendere intfendjare ustula:re ustolare ustura alter altro altri grandem grande gran grant majjo:rem largus largo
 lark larg krassus grasso gras gras gurdus grossus grōsso grwēs gros grawis greve grav grevi lurdus lordo kurtus korto
 kurt brewis breve striktus stretto strēt strimt mərunt subtsire fri:gidus freddo fre:t rekente
 m reθjente reſfente retsint reſe putridus putrido putred putrem sordidus sōrdido spurcus spərko spərʌ spurk di:re:ktus
 dritto drō: drēt drept rotundus redondo ritondo rədo rō tarənt rətund retu:sus retuzo korre:ktus korretto proksimus
 prəssimo prosim adpropre əp:ɾəpe pressus presso p:re kirka dekstrum dēstro djestri sinistrum sinistro sijestri russus roxo
 rosso ros rəs vermikululus vermīʌʌo bərmeʌ rubeus rubjo rəbbjo rubeo rubeo ruðʒe rəfj rojb wiridem verde vert amarellus
 krokeus krotfjeo tre:s tre tres trō: 'tre: trej kʷattwor kwattro kwatri patru

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nos: nos nōjs wo:s bos vōjs bus vos usted vose vōse voste sponsa esposa spoza ispoza əspōzə mari:tus sponsus esposito

Appendix 3 - Words containing each segment

spozo ispozu əspəs spo:s sokius sɔfjo sots be:stia bis piskem pəs pwaso useɹ passerem passero paseru paseru pasəre peduklus serpentem sɛrpɔ serpente sɛrpɛfi sirpɛti sərpen sɛkɔpɛ sarpint silwa selba selva sɛwva sɛlve selba sɛlve pa:lus fruktus sɛ:men seme sementis sɛmɔs simjente semente sɛmɛfi simɛti sɛmen simɛs sɛmɛtʃɛ sɛminʃɔ frɔsɛ frɔsɛ ɹais ɹasin ɹɛsɛn kɔɹfisi kɔrtisi kɔɹfise kurtisɛ skorteɹa ekɔɹs skɔrtsa əskɔrsə skwas skwartse skɔartsə restem rista resta sangˈwinem sɔ sangre sangwe sɛgi sɛgi saŋ sɔ:g saŋk sindʒe ossum ɔs wesɔ ɔsso osu osu ɔs vwɛs os gʁɛs grasa pilus kapillus kavettisa kabesɛ kɛβesɛ testa testa testɛ testɔ tʃɛs testɛ tʃɛastɔ okulus na:sus naso na:so nas na:s nas naris na:ris petiolus pɔs pɛsɛ pɛsɛ pɔs dorsum dɔsso dos dwes spatula espalda spalla əspaɹɹɔ spal spale spate sinus sɛ senɔ senɔ seju seju si sen san pektus so:lem sol sole sɔw sɔt sɔl sɔlɔ sɔare solikulus sɔlej soreli ste:lla estreja stella istrelɛ əstɛl stɔ:l stele stɛa ri:wus sa:lem sel sal sale saw sal se sa:l sare saksum sasso seɹʃu seɹʃu sabulum sabl saɹʃru saɹʃru sorə so:vjɔ savalon sabula sabbja pulwus pols nu:be:s nu:bilus tene:bra:s tinjeblas tɔnebrɔs fuməsə fuməsə sjel sɛw sɛw sɛl si:ɹ glas glas gles fu:mus sɔdɹ sendrə sɛ:d sizɛʃ sizɛʃ strata estrada strada istradɛ die:s morsika:re moskar morsikare musəga musəgar musəɣa murseka su:gere syse sugaɹ sugar sysi: suɟe konspuere kɔspye kuspix eskupir əskupi skujpa sputere esputar sputare spuda: suffla:re sufle soffjare sufle sofla: sufla respi:ra:re respirar respirare ɹespirar rɛspira rɛspira: ski:re sapere savwaɹ saber sapere sabɛɹ sɛber sɔβɛ savɔ:ɹ save: kogno:skere kopesɛɹ kupiser koposi pe:nsa:re pɔse pensar pensare pɛsɹk pɛsar pɔnsa pɛse peɹsa: pɔsa senti:re sɔtiɹ sentir sentire sɛfjiɹ sɛtir sɔnti sɛti sinti: simtsi ɔksix uksi fase kasɹk ɹesar kɛsa tʃɛsi: pulsa:re puse pulsare pulsa: pulsa seka:re sje segar segare segaɹ siɣar səɣa sea: ekskurta:re skortare skurta: skurta skindere sɛde se:para:re sɔvɛ separar separare separaɹ sipɛrar sɔpəra separa: separa rasar rasare rasa: raskar rɛska kosaɹ kusar ekskawa:re eskabar skavare ekstendere ekstender estendere istɛdɛɹ əstendrə ekstinde jesi sedere swaɹ sɛr sedere sɛɹ sɛr sedenta:re sentar sɛtar sɛtar senta: sta:re estar stare əsta ɛs sta: sta ose aɹsa aɹsar əlsa ho:si turser turser tɔrsə segurar siguraɹ siɣurar eksprimere ekspremir spremere əspremə esprimi skreme serrere serar sɛra sɔrar sɔra serare sɛre serrare siɹar siɹar sɛre stringere estrepiɹ strindʒere əstreɹnə stringe strengi: strindʒe frisar frasa ekstergere estarsir əstərʒi eksu:ka:re esɣije suwe suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa lɔse lɛsa lɛsar lɔnsa ko:nsuere koser ɔqase eksɔ:ɹnere sporre spune ekskurrere eskurir skorrere əskorə skori: skurdʒe glase glasa intume:skere itumeser itumeser kre:ske:re kreseɹ kriʃser ɛsɔdʒɛ isendʒar isɛdʒar ənsendrə ustula:re ustolare ustura omne:s to:tus multus tantus paɹkʉs alius magnus longus largus la:tus amplus krassus graso grasso gras gras spissus espeso spesso ispesu ifpesu əspes spɛ gurdus grossus grɔsso grosu grosu grɔs grwɛs gros grawis lurdus pittitus 'pittinus pitulus kurtus brewis angustus angosto angusto ingust striktus estreɹʃo stretto istreɹtu əstret stɔɔ: stret strimt minu:tus delika:tus subti:lem sutil sottile sufɹiw sufɹiw suptil suti suti:l subtsire kalidus fri:gidus ɹesɛfji ɹesɛfji ple:nus nowus wetulus bonus malus putridus sordidus sordido sɔrdido sɔrdid u sɔrdidu spurcus spɔrko ispurku spɔrk spurk di:re:ktus rotundus aku:tus retu:sus sua:wem soave suaw nitidus u:midus u:dus sikkus sek seko sekko seku seku sek sɛf sek sek korre:ktus proksimus prɔssimo prosimu prosimu prosim pressus presso wi:ki:nus dekstrum djestro dɛstro dɛstru destrə djestri sinistrum sənɛstɹ sinjestro sinistro sɛftru sɛftru siɹnestri russus rosso ros rɔs vermikulus rubeus galbinus amarellus krokeus albus duo:s dos dojs dos duas dues tre:s tres tres tres sɛk siku siku siŋk sɛk isi kˈis deintus dins si:k si si si si si si si si

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tu: ty tu tu tu tu ty tu tu usted voste infanтем infante fante ifɛti mari:tus marito marit mari:t mɔrit matrem patre tata tata tata tata tata tatə be:stia peɹte utʃɛllo serpentem serpente serpente sirpɛti sarpint fruktus fruto frutto frute frute frujt frut frukt sementis simjente semente simɛti kortikem kortiʃɛ kɔrtisi kortikea korteθa kortetʃa kurtisɛ skorteɹa restem rista resta ɹɛfti kotenna kapitia kavettisa testa tet testa testɛ testɔ tʃɛs testɛ tʃɛastɔ dentem djente dente dɛti dint dinte pit petiolus pittɔlo wentrem vɔtɹ bjentre bentrə vɛt vintri vintre pantikem pintɛʃɛ intera:nea ɔtɹaj entrana itreɹɹɛ ɛtreɹɹɛ əntrəɹnə spatula spate pektus peɹtto peɹtu peɹtu pit pet pjept fi:ka:tum fegato fɔ:t fiɣat fikat ste:lla etwal estreja stella istrelɛ iftreɹɛ əstɛl stɔ:l stele stɛa la:t petra pje:tra pjatrə terra tɛɹ tjera terra tɛɹɛ tɛɹɛ tɛrə tɛ:ɹ tjere tene:braj tɛ:nebre tene:bra:s tenebrɔ tinjeblas tɛ:nebre trevɛʃ tɔnebrɔs fu:ma:ta fumata fuma:ta fumate wentum bjento vento vɛtu vɛtu 'vint vint gɣattʃa strata estrada strada istradɛ iftradɛ montem monte monte mɔti mɔnt munte monta:nea mɔtəɹn montəɹna montəɹna mɔtɛɹɹɛ mɔtɛɹɹɛ muntəɹnə mɔtəɹn mɔntəɹne noctem notte noɣti noɣti nit nyt nɔt nɔapte diurna:ta dʒornata sputere esputar sputare fti kɔnɛtɹ kunɔafte ko:ɣita:re koɟitare kuzitaɹ kuzitar kuɟeta senti:re sɔtiɹ sentir sentire sɛtir sɔnti sɛti sinti: timere: temer temere temɛɹ timer temə temi teme tremere tremar tremare tremɛɹ trimer trima: tu:tari tɣe tuwe makta:re mate matar mataɹ mɛtar mɔta utʃidere battuere batɹ batir battere bateɹ bɛter batrə bate bati bate kaptia:re katʃfare kurta:re kortar kɔtɹaɹ kurtar ekskurta:re ekurte skortare skurta: skurta ta:lia:re tɔje taxar taɹɹɹa:re taɹɹaɹ tɛɹar tɔɹa tɛji: taja: tɔja fɛt parti:re paktiɹ partir partire pɛrtir parti pɔ:rti parti: nata:re nwotare ambita:re ekstendere etɔdɹ ekstender estendere istɛdɛɹ iftɛdɛr əstendrə ekstinde sedenta:re sentar sɛtar sɛtar senta: sta:re etɹ estar stare iftar iftar əsta sta: sta alia:re altʃa: torna:re tuɹne tornar tornare tɔɹnaɹ turnar turna tu:rne torna: turna tɔrkˈe:re tɔɹdɹ torθer tɔɹʃere turser turser tɔrsə tɔarʃɛ tɔbe tumar tɔbaɹ tɔbar tumba tume tene:re tɔniɹ tener tenere tɛɹ tɛr tɔni tini tinji appekto:re apretar ɛpiɹtar ɛpiɹtar stringere etɹɛdɹ estrepiɹ strindʒere əftriɹɹir əftriɹir əstreɹnə stringe strengi: strindʒe frikta:re frɔte frotar frettare frɔte tergere terɟere ekstergere estarsir əstərʒi fterɟe tirare tiɹɛ tirar tirare tira tira tira: trahere tɹɛɹ trarre traze trezer trewɹə traj tradʒe jakta:re zɔte dʒettare zejtar zejtar xita dʒete apta:re atar ɛtar ɛtar komputa:re kɔte

kontar kontare kōtar kōtar kumta kōte konta: kanta:re jāte kantar kantare kētar kētar kanta fāte canta: kinta flu:ktua:re flyktųe flugtwar fluttuare flutuax flutuar fluktua fluctua fluita:re fluitare gjatfjare augmenta:re ogmāte aūmentar aūmentare aūgmentar aūgmentar augmenta intume:skere entumeðer itumeser itumeser kxwatx krefte ustula:re ustolare ustura to:tus tu todo tutto todū toðu tot tō dut tot multus molto mūjtu mūjtu mult tantus tanto tanto tētu tētu tant tanc alter otx otro altro owtru owtru altrē ōt altri alt grant la:tus lato lato latu latu lat pittitus pēti pētit piti 'pittinus pittfino pitulus kurtus korto korto kuxtu kurtu kurt kurt angustus angosto angusto ingust striktus etkwa estrefjo estrejtu istrefju iſtrefju əstret stxø: stret strimt minu:tus minuto mənūt minu:t mərunt de:lika:tus delikato dəlikat subti:lem sutil sottile suptil su:tī suti:l calt fret fre:t rekentem reθjente reſfente retsint wetulus putridus putrido pu

ðrit putred putrem di:rek:tus drito đirejtu direjtu dret dret drept rotundus ritondo tarənt rətund aku:tus əgut hebetem eβete retu:sus retuzo nitidus net netto net net neted korre:ktus korretto lwētē lontano lūnta lontan dekstrum djestro destro destrū đestro djestri sinistrum sənəstx sinjestro sinestro seſtru seſtru sinestri vert vert tres tēwa tres tres tres tref tres trø: 'tre: trej k^watwor katx kwatro kwattro kwatru kwatru kwatra kwat kwatri patru kwant fəmu:t deintus et

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[illegible]

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vu vo:i vojs voj vos vo: voj vose vose voste avi avi vek verme vekmi vermi verm vjer vjer vjerme avvori arvuri selva
sewva selve selve ekve erve vjad vivanda viveda vivede vves wovo ovu ovu savø ðivja cavej save kavettsa voli vutv vet
vintri vintre suve suve kivjev rivi:k so:vjo savaln polvere polvar nuvej nuvej nuvola nevve nevve trevej va vento vetu
vetu ve 'vint vint neve nevi nevi vwa via vie vie bevi vomik vomere vo:mi vqame vwak vedere vek ver vi:r vjodi
vedea owvir owvir sawwak sawo:r save: vivv vivere vives viver vivi via dividere dðividjiv dividiðr dividi divide savke save
kavare kevak kevav java: skavare iðkevak iðkevar jzava: naviqare naviqare navijak neviyar navika: navika: navika vola volare

Appendix 3 - Words containing each segment

voak vwar vōle zvolare zvola: vānik venire viā vir vini viji: veni leva:re lāve levare levaā livar lāve leva: viāe virare virar viāe lave lavare lavar lava: noverare grēve gravi gravi grav grēvi brēvi brēvi nuvo nōvo novu novu novē vjō vekko vejū veā vi: vjei vek' soave vwazē vijino viziju viziju vizē vijin vejfin vermikulus vēmēj vermiālo vēmēlu virmējū vēk verde verdi verdi vērt vēk vērt verde awvu alvu vi avek avu

W 0077 8

ew ew jew wo:s wōmo pwasō awem aw awikellum wazo wermem silwa sewva paw paw fwee skwas skwartse kwan wi:wenda sangwe weso vweš o:wum webo wōvo ōw ow kwerno kwen kwar kawde kawde kōw pwal pēw zweāu wentrem kwejo kwēl dwes ifpadwē ifpadwē kwōre awmē fwa sōw etwal aḡwa akkwa agwē agwē ajḡwā ē:w pluwia ri:wus kiw riw riw saw pulwerem pulwus nevwē nevwē newlō sew sew wentum niwem new fwego fwōko wia vwa lengwa lingwa ligwē ligwē bwāā bewrā mwardi womere riwrā wide:re vwaā bewrā wiā owviā owvir savwaā kwidar dwaāmi wi:were biwrā nwaje tuwe di:widere pwēdē rawrā fwiā kawa:re ekskawa:re nwotare wola:re vwar wenire zawrā swāā fwāā kawrā lawa:re suwe trēwrā zwe dḡuwe flugtwar flwiā flwir kḡwatā awgū powku powku owtru owtru aw grwēs grawis grew grew brewis brew etḡwa dewgadu sutfiw sutfiw kawdu fḡwa frwē nowus nweḡo nōw now wetulus bweno bwō:no maw maw dḡwa sua:wem suaw wi:ki:nus vwazē lwētē wiridem awvu dowā tḡwa kʷattwor kwatro kwattro kwatru kwatru kwatrā kwat kwatri tḡnkwe kwi kwi kwa kwe: kwando kwando kwēdu kwēdu kwan kwand kwant

X 0078 34

muxer muxer paxaro pjoxo oxa orexa oxo inoxo xornada puxar taxar xirar enxugar puxar xita xugar bjexo proximo roxo bermexo

y 0079 22

ty ty fry plym lyn ky ny njoly fyne nyt syse sysi: kōspyē zygyē gyra:re flyktqē flye bḡyle māny

Z 007A 49

epuz spōza ispoza ifpozē āspōzā spōzo ispozu ifpozu wazo frunzā piez sīzēf sīzēf tḡnize zi auzi kaze kazāā kēzar rēza zjava: zvolare zvola: zbura zezīā zēzēā zēzer zāḡḡa traze trēzer kuzer kuzer kuzi kō:z kuzi dizer dizer zīḡe zgloḡa: bruza: retuzo proizme vwazē viziju viziju

ā 00E3 82

dḡāp pās

ç 00E7 77

krō:ç

đ 00F0 50

mariđo meriđu mađre pađre iyađo fiḡeđu pjeđra peđre peđrā iftrađe morđer murđer diviđir neđar tođu miuđu delyađo deḡyađu pođriđo puđrit pođre pođri aḡuđu eḡuđu niđio

õ 00F5 61

pwasō peḡō frōse frōse ōgl ōḡ so:vjō mōḡi mōti mōtaḡ mōtēḡe mōteḡe mōtaḡ nō ōr tōbe tōbāā tōbar kōte kōtar kōtar kōte ḡōfle ḡōfle pō ōt lōḡu lōḡu lō tḡō bō bō bō bō kō kēdōdu kēdōdu rō ō kō kō

ø 00F8 79

kø fəvø løn fə pø vjø dø

ĩ 0129 44

ifēḡi ifēti itreḡe sīzēf sīzēf kamīḡu ligwē ligwē āstriḡir āstriḡir lipar lipar ifar ifar itumeser itumeser isēdḡar isēdḡar siku siku sī sī

Appendix 3 - Words containing each segment

ŋ	014B	75
saŋgre saŋ saŋk oŋgule maŋ aŋ noŋ leŋgwa maŋja: peŋsa: aŋka zloŋfa: loŋ iŋgust uŋ ʃiŋkwe siŋk 'ʃiŋk		
œ	0153	30
føem døem fœj flœk œf œj gœl kœk		
ũ	0169	90
pũzĩk pũzĩr mũĩtu mũĩtu awgũ ałgũ ũ ũ		
ɐ	0250	29
femee femje done done ifpoze meriðu bife bife paseɾu paseɾu seɭve frute frute foɭe foɭe fröse fröse ʁeif koɽʃise kurtise eɁve erve grēm̃e grēm̃e kodʒie kodie vivēde grafe grafe kawde kawde pene pene keβelu kabese keβese teste teʃte oreɭe oreɭe nerif boke boke uɲe uɲe pɛvne pɛrne zweɭu pēs̃e pēs̃e itrēne ētrene iʃpadwe iʃpadwe awme alme figedu fiyeðu lue lue istrele iftrele agwe agwe juve juve pedre peðre areje ereje teɁe teɁe kelizēj nevw̃e nevw̃e treveʃ fumase fumase siz̃eʃ siz̃eʃ vie vie istrade iftrade kem̃inu mōtēne mōtēne die die enu enu ligwe ligwe seber metar beter kesar telar pɛrtir sipɛrar ʁeɛr ʁeɛar ʁeʃkar kevak kevar ifkevak ifkevar neðar neviyar kem̃inar kem̃inar zezeɁ zezeɁ keir keir ɛpirtar ɛlɛvar ɛlɛvar trezeɁ etar etar ɛrder ɛyudu ɛmarelu ɛmerelu dues dueʃ eki ei e		
ɑ	0251	84
am fwa hare:na bwak taje ʁaze gʁa tɁwa		
ɔ	0254	9
ʒo nɔjs nɔʃ vɔjs vɔse dɔnna dɔnə dɔne ɔm ɔmēj ɔmə ɔm ɔm wɔmo spɔza əspɔzə spɔzo əspɔs sɔʃfo pidɔkkjo fɔɭɭa fɔj kɔɽʃisi kɔrtisi skɔrtsa əskɔrsə flɔ ɔs ɔsso ɔs ɔʃ wɔvo ɔw kɔɁn kɔrno kɔrn kɔw kɔde plɔm ɔɾaj ɔkkjo bɔk bɔce gɔle oŋgule pitʃɔlo ɟinɔkkjo ɟino kɔlu kɔlu kɔɭ dɔsso dɔ kwɔre kɔk kɔr sɔw sɔɭ sɔɭ sɔɭ sɔɭ sɔɭ sɔɭ sɔɭ savalɔn pɔɭvar pɔ pɔ nɔʒɔ fwɔko fɔk mɔnt mɔntane nɔtte nɔt zɔɁna zɔɁna nɔm nɔŋ mɔrdere vɔmere kɔnetɁ kinɔh dɔɁmiɁ mɔxi ɔksis vɔle tɔɁdɁ tɔrtʃere tɔrsə dɔne lɔʒi: kɔle tɔ pɔko pɔk grɔsso grɔs nɔvo nɔw nɔve bɔn bɔn sɔrdido sɔrdidu sɔrdidu spɔrko spɔrk tarɔnt prɔssimo əpɾɔp rɔs rɔbbjo rɔʃ grɔk kɔmɔ kɔm kɔmē		
ə	0259	4
ʒə dɔnə dɔamɲə ɔmə əspɔzə mɔrit əspɔs marə parə tatə nɔmaje pasəre pɔdukje sɔrpen abrə sɔmɔs sɔmen sɔminʃə fuɭə frunzə əɾel rɔdɔʃɲina əskɔrsə skɔartsə erbə jarbə konɲə ɔɔadə plomə pɛɲə panə pɛr ʃəvə kəbɛɭ ʃəve testə tɛsɛstə urɛɭə bokə bukə golə gurə kambə gambə pɛrnə gambə zənu zənoɭ minə alə bentɾə paɲʃə əntrɔɲə əspaɭɭə inimə fedʒə lunə lunə əstɛl əjɣwə apə pluɰə peðrə pjatrə ərenə arinə sorə tɛrə tsarə newlə negurə tənɛbrəs ʃʃeɭʃə ɡeɭtsə sendrə ʃɛnuʃə biə ʃəmē kəmi muntɔɲə diə limbə bewrə mɔɲɰa musəɡa musəɡar musəɣa əskupi rəspira riwrə bewrə səʃe kunɛʃə pənsa pəsa sɔnti flɔjra temə biwrə nəɡa mətə batrə kəsə səɣa tɔɭa tɔja fendɾə pɔrti səvɛ səpərə rawrə rəza rəska ʃəve kəba nəda nəbəɡa ʃəmine kəmina vənix bəni əstendɾə ɰawrə ɰəʃʃə əsta ləve ɭəba ləve əɭsa tɔrsə kawrə kədə tənix təni ifprəmeɁ ifprəmer əspremə sərak sərə əʃtrizir əʃtrizir əstreɲə frəɡa frəsə ɭəba əstərzi əʃuɡa trewrə əmpɛɲə ɰəte ɭənsa kəntə əskorə korə ɰəle ɰəla ɡɭəsə kɾeʃə krəma ənsendɾə əɭɡu altrə amplə əspes pəti pətit əstret mənɣ mənɯt mərunt dəlɪkat rədo rətund əɡut əpɾɔp bəi destrə sənɛstɁ bərmɛɭ dowə kwatrə əɭa ən kə kə kə		
ɛ	025B	31
femine efɔ pes pehō utʃello utʃjel sjɛɾpē verm vjer vjer seɰwa seɭve selve sementʃe ɡʁen ərel resen ɛɁb erba erve jɛp ɡvamen resta ʁeʃʃi peli pʃel ʃɛk vɰes ɡʁes kwen kɔde plume pen peɲə pene pel kəbɛɭ ʃəve tet testə testə teʃte ʃɛs teste urɛɭə bɔce dente oŋgule pɛ pɛ pɛw pɛrno pɛvne pɛrne pɛrnə pɛkol kwel spale petto pet əstɛl stele mɛk sel peðre terra teɁe tɛrə tjere nevw̃e nevw̃e tenebɁ treveʃ sjɛl ʃɛlo sew sew sel vento nevi nevi ʒɛl ɟɛlo ʒɛʃ ɡɭes sendrə ʃɲinize munte 'lɛnge bewrə bewrə səʃe kɔnetɁ kunɛʃə flɛkɛ ʃɛsi: teji: fendere fendɾə nɛɟi: mɛɾɟere estendere ɛtɁ ɛs spɛmɛre sɛre əstreɲə streɲi: tɛɾɟere tɛkɁ trewrə əmpɛɲə ɟɛte intʃendjare ispesu əspes spɛ ɡrɰes ɡɁijɛf ɡreve ɡrevi bɛɾf breve brevi brevi əstret strɛt dɛɭɣadu frɛt frɰe rɛʃɛnte pɛ plen nɔve vekkjo drɛt drɛt ebete nɛt nɛɟu nɛɟu nɛt nɛt sek sek seʃ sek presso pre destro destru ɟɛʃtru sənɛstɁ seʃtru seʃtru vɛɁmej bərmɛɭ vert vɛk vert ɟɛn ɛmarelu ɛmerelu tres ke e		

Appendix 3 - Words containing each segment

J	025F	83
jambe manja: java: zjava:		
g	0261	1
ego: gra:num gwen grano grano grēw grēw gra grin gran griw gra:men gʷamen grama grēmē grēmē gram sangre sangwe sēgi sēgi sō:g gʷes grasa grafe grafe gref gula gœl gola gola golə gøj gœle gurə ungula ōgl ungja ōg ōngule ungje gamba gamba gamba gambə gambə genikulum fegato figēdu agwē agwē age lago lago lagu ka:li:ginem negurə gelu: glas gjatfja glas glēs glatfe gēatsə fwego fogu lōg lenḡwa lingwa ligwē ligwē 'lengē musəga musəgar su:gere sugak sugar kogno:skere ko:gita:re fra:gra:re fragrare naga anegar annegare pugna:re segar segare segak pungere jugula:re zygyle jugula:re naviga:re nabegar navigare nōbəga naviga: naviga mergere gyra:re segurar sigurak stringere stringe strēngi: fregar fregar frəga iffrigar tergere ekstergere enxugar affugare ēfugar əfuga impingere liga:re legar legare lega xugar zogak zuga flugtwar gela:re glakia:re glase gjatfjare gləsa glatfa: inglakia:re ingetsa augmenta:re ogmōte augmentar augmentar augmenta gōfle gonfjare gōfle zgloŋfa: flagra:re flagwē flagrar flagrare flagwək flagrar alguno awgū atgū əlgu magnus grandem gʷā grande grande grēdʒi grēdi gran gʷā grant longus longo lungo lōgu lōgu lung largus largo ləwgu largu largu gʷa graso grasso grafu gras gras gras gurdus gordo grossus gʷo grōsso grosu grosu grōs grwēs gros grawis gʷijef grabe greve gravi gravi grew grav gravi grew angustus angosto angusto ingust dewgadu fri:gidus əgut galbinus galben grək		
Y	0263	85
iyəðo fiyeðu aywa ajyʷə layu foɣu musəɣa siɣar səɣa naviɣak neviɣar siɣurar iffriɣar ēfuɣar ʔiɣa zuɣar larɣo delyəðo delyəðu ayuðo eyuðu		
q	0265	69
fʷqi plqi nqi kʷide tʷe esqije flyktʷe		
i	0268	47
ifēti ifpoze ifpozu pejfi avi sirpēti vermi arvuri simēti səminfə kōrtisi ʷesti peli karni sēgi sindʒe pilu dēti minə pintēfe iftrele flumi riw vint nevi mōti nojti nojti nomi biʃer minka ʷiʃpirar ride kupiser timer trimer siɣar sipərar naviɣak neviɣar iftar iftar livar sigurak siɣurar siɣar siɣar epirtar epirtar strindʒe iffrigar iffriɣar impindʒe kinta zilar zilar ingetsa kriʃser intʃindʒe grēdi gravi pikenu brevi ingust iftrejtu strimt podri ʷidōdu virmeɣʌu verdi verdi ki kind in ki		
I	026A	11
dʒi na:ris isendʒar		
ʔ	026B	68
seʔve sət nuʃut ʒet ʔtsa ʔtsar kʷʌ flama atgū ʔt delyəðu kaʔ pʔe		
ɲ	0272	38
doɲa niɲo alimaɲa peɲa peɲə ʉna ʉne ʉne paɲfə entrana itreɲe etreɲe əntrana kamɲu kemɲu mōtaɲ montana montana mōtēɲe mōteɲe muntana mōtaɲ montane ɲot apo aɲ mənʒa maɲi: kopeseɣ kupiser koposi puɲar puɲare puɲa puɲi kemɲak kemɲar viɲi: estreɲir əstreɲə əmpenə oɲpi maɲo maɲno pekeɲo ɲu:f vizɲu vizɲu siɲestri		
ʌ	027B	91
kosaʌ		
f	027E	28
embra fembra muxer muʔer ombre muxer muʔer mariðo maridu meriðu marit madre marə paðre parə paxaro pasəru pasəru pasəre serpiente sirpēti farpe berme vermi verm arβol albero aɣvori arvuri abra par fruto frute frute frujt grano grēw grēw gra frōse frōse frunʒa kortisi korteθa kurtise skʷartsə flor fjo:re flor floare jerba erve jarbə grama grēmē grēmē gram rista karne karni karne sangre grasa grafe grafe gref kwerno kornu pər orexa oreʔe oreʔe ureʔə nariθ naris nerif gurə pjerna pərne bjentre bentrə entrana itreɲe etreɲe əntrana kor sqare estreja istrele iftrele mar mar pjeðra pedre		

Appendix 3 - Words containing each segment

peðre peðrā pjatrā arena arejē ʀejē ʀenā saįbru saįbru trevş tanebrās ıfer estrada istrade įstrade djurno zorn xornada
 nombre beber bere bişer bewrā komer kumer mandukar mandzare mēzar morðer murðer moskar morsikare sugar kufpir
 eskupir esputar sputare respirar respirare ʀespirar ʀıspirar ʀəspira reir rıdere ʀir riwrā ride ber vedere ver bewrā oir udire
 owvir saber sēber konøther kupiser kwidar kuzitar pensar pensare pēsar sentir sētir oler ulura fejraş fejrar fləjra temer
 timer tremer tremex trimer dormir durmir bibir viver biwrā morir muşer muri anegar matar metar utıfıdere pupar batir
 betar batrā kaðar kesar puxar pufar segar siyar kortar kurtar taxar tēlar dibidir dividiir ender fēder fendrā partir pērtir
 separar separax siperar səpəra pūzir raer ʀeer rawrā rasar ʀezar raskar ʀejkar kusar kabar kəvar eskabar įkəvar nadar
 nwotare nēðar nabegar nēviyar bolar volare vwar zvolare zburā kaminar kamminare kəminar andar ēdar benir venire vir
 ekstender įftēder ʀstendrā jaðer đəıfe:re zəzer zawrā ser ser sentar sētar sētar estar įftar įftar jebar livar alðar aısar
 tornar turnar xırar đzirare zırar zırar zıra birar virare virar zırar bira torðer kaer kadere kēir kēir tumbar tōbar dar dar
 donar duar tener tenere ter segurar sigurar siyurar ekspremir ʀəprema serar sərar ðerar sıkar sıkar apretar ʀırtar ʀırtar
 estrepir ʀstrepə fregar frəga įfriyar įfriyar frotar frısar frāsa laðar ləvar ləvar estarsir enxugar ēfugar ēfuyar limpjar lipar
 lipar tirar ıira tirar tira puxar pufar pufar traze trezer trəwrā eıfar zejtar zejtar lanðar ləsar arankar arunka legar atar
 ʀtar ʀtar koser kuzer kuzer kontar kōtar kōtar enumerar enumerar enumerar enumera numera deðir dızer dızer kantar
 kētar kētar ludir xugar zuyar flugtwar flutuar fluir flwir kolar kuar eskurir įkurer skurdge korer kuşer kurdge elar zılar
 zılar aųmentar aųgmentar aųgmentar inıfar įfar įfar entumeðer itumeser itumeser kreðer kresex krişer krefə krefte kemar
 keymare arder ʀder arde flagrar flagrar enðender isendđjar isēðjar ʀnsendrā otro owtru owtru altrā grande grēđi grēdi
 mare laryo largu lark graso grafu gras gordo grosu grosu grabe gravi gravi grew grew lerdo lerdo korto korto
 kurtu kurt brebe brevi brevi brew estrefjo istrejtu įftrejtu ʀstret friu friu fret poðriðo puðrit poðre poðri poðri sordido
 sordidu sordidu ispurku įspurku đzirejtu direjtu dret proximo prosimu prosimu proizme ʀrəp ðerka đjestro destrū đstru
 destrā sinjestro seřtru seřtru rořu bermexo virmejlu berde verdi verdi vert verde amarijo ʀmarelu ʀmerelu grək tres tres
 tref kwatro kwatru kwatru kwatrā

R 0280

55

mer vjer fry reſen křo:č đraj vi:r đr savø:r mōri pō:rti m:řıfi: ıfe:r sərar sere įfkurer řrwe

Б 0281

36

mulėv mulėv mavi mev pev sekrā sekrēfi sjekpē vev vėmi avbė avvori fıci gven ʀais ʀeif ʀadi ʀasin kəıfisi kəıfise
 ekoks flok flok flø:x ɛvb ekvə gʀamen ʀeıfi ʀeıti řek kəni gʀes kəpn kəpnu ovej řevne vātė đtkaj kœk kœk ku:x plu:x
 ky kiw kiı kiıjek rivi:x mek mak mek řjek ri:x pudk tek tēk tēk tē:x tenebı si:x sādı zıı zəına zəına zııne bwax
 bebek bō:x mēzak mōvđk mōvdek sugak kuspiı vomıı ʀespirar ʀıspirar ʀıı ʀıı ʀıı ʀı:x vwaı vev wiı owviı savwaı
 sabek kənetk kənesek kuzitak pēsak sātıı sēfiı flēk fejraş temex kvēđk tremex dəımiı dəımiı dwakmi viıv viıev muııı
 mōvex muşer mataı ʀksıı batk batek kasak pufak segak kovtak ekuste talak đzıvıđıı fādı fēdek řaktıı řavfiı səvke
 separak řwēđk řūzıı ʀæk ʀeer ʀaze ʀazak ʀezar řakak řejkar řwiı kəvak įkəvak nadaı naviıak voak kəminak məıfe
 ēdak vəniı viı etādı istēdek zezıı zəzek swak sek etv levak tuıne toınak zıke viıe viıe təđk řwak tōbak đak təniı tek
 sigurak ɛrēđk įřrəmek seka seke sıkar sıkar etvēđk fıke fıke fıte fıte tıke tēk kudk enumeke nōbke diı di:x zogak
 flutuak flwiı koak įkœvex kuııı kœvex kuşer kəwatı kresex bıyle bııle kəame keımaıe avđk avdek flagke flagvak otv
 gıđ gıđ lakz lakı gıđ gıđ gıııef luk kuı kuıtu ku:x bkēf bkēf etkwa stvø: fıwa řesēfi řesēfi đkwa kō ředōdu řidōdu
 řve řənestv ʀı řořv řořu vevmeı vevmeıu řuz vev vev tkwa katv

∫ 0283

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ıof vof įprozē įprozu bıffa bıfe bıfe peffe peıfi řeıfi peř peřte řjē řarpe ʀeif ʀeıfi ʀeıti řek đ řarpe řarpe řreř řəvø řəve
 teřte neriř buř řarřə įřpadwē įřpadwē įřtrele řuve řuve řeřřu řeřřu trevş sızeř sızeř řıenuřə įřtrade řəme kufpir ʀıspirar řti
 konoffere kunefə kungafte fejraş fejrar řase řufak řufar řindere řakak řejkar řəve įkəvak įkəvar řəmine məıfe įftēder
 ředəa įftar įftar altıa: řwak įřrəmek įřrəmer ʀřtrızir ʀřtrızir įřřıgar įřřıyar řterđge ʀřřugare ēřugar ēřuyar ʀřuga řufar
 řufar řāte įkœvex įkurer įřar įřar kreřřere kriřser kreřə kreřte ēřu ēřu řrafu įřřesu įřřejtu řo řeřu řeřu įřřurku đřtru
 řeřtru řeřtru řořv řořu řořu dořř duřř tref ři

Ї 028A

94

řořv

Λ 028E

35

mołłe mułek mułer mułe mołłe mułek mułer mułe useł piołu piołu poł ɔłłā ɔłve ɔłve fułā peł kəbeł ɔrełve
 ɔrejłve ɔrełā ɔłu ɔłu zuełu zwełu zənoł kɔł ʀpəłłā łuno łak talłā:re talak telar təłā łəba łəba łənsa łıya łon

Appendix 3 - Words containing each segment

lark leno vejlu velu vel lunta vermiλλo vεmεlu virmεjlu bεrmeλ əλa

3	0292	3
zə zə zāb zənu zueļu zweļu zənoλ pluza kalizēj kēlizēj zēl zēl zuκ zorn zəna zəna zuκne māze mēzak mēzar məpza kuzitaκ kuzitar pūziκ pūzir zygye naze zezik zezek zezek zawrə zike zirar zirar zira zirar əftrīzir əftrīzir əstərzi zəte zejtar zejtar zwe zogak zuγar zuga zuka zəle zilar zilar zəla inʃindze laʒ du:ze: vizē vuʒ zon		
j	029D	5
jo jerba kabejo kwejo estreja jubja jelo jaθer jebar amarijo aja		
dz	02A3	71
frondza dzornade		
ɖ	02A4	10
ɖɹ kodʒiv sindʒe ɖāp ɖinəkkjo ɖino ɖenoli ɖenunkʲ fedʒə pjoddʒa kalidʒine ɖelo ɖer ɖu: ɖorno ɖu: ɖornata mandʒare sudʒe kodʒitare kudʒeta ɖividʒiv pundʒere pundʒe nedʒi: merdʒere merdʒe ɖaʃe:re ɖere ɖirare ɖira: ɖira: strindʒere strindʒe tərɖere ʃtərɖe tradʒe impindʒere impindʒe ɖettare ɖete ɖokare ɖuwe ɖuja: skurdʒe kurdʒe ɖelare ɖale isendʒiar grēɖi ɖirejtu nedʒu nedʒu rudʒe ɖen		
ts	02A6	52
sots skortsə skwartse skɔartsə tseastə pantse tsarə geatsə simtsi altsare tsine ingetsa putsin subtsire retsint		
ʃ	02A7	46
ifēʃi sɔʃo utʃello utʃel ʃē sɛpēʃi semēʃi semēʃe səminʃə radi:ʃe rədəʃinə kortiʃe kəʃʃisi kortettʃa kəʃʃise ʃeʃʃi ʃo: ʃivja ʃes naritʃe dēʃi pittʃolo pitʃor pantʃa pintetʃe peʃo ʃeʃaʃə ʃelo ʃi:l ʃer gjattʃa glatʃe ʃenere ʃinize ʃenuʃə mōʃi notʃe sēʃiv maʃa: utʃidere utʃide katʃare ʃesi: caʃa: paʃʃiv ʃimine ma:ʃi: ɖaʃe:re zəʃeə tortʃere tɔartʃe ʃe:r ʃjade ʃira eʃar lanʃare lanʃa: arrontʃare kutʃire ziʃe ʃāte gjattʃare glatʃa: inʃar brutʃare inʃendʒare inʃindze muʃo anʃo pittʃino pitʃul estretʃo suʃiw suʃiw ʃō reʃente ʃesēʃi ʃesēʃi reʃe sēʃ viʃino viʃin veʃin rɔʃ krotʃeo ʃiŋkwe ʃiŋk ʃintʃ ʃine ʃe ʃe ʃemu:t		
β	03B2	67
arβol keβelu kaβeθa keβese sajβru sajβru nuβuʃ biβer səβe laβar nweβo		
θ	03B8	58
peθ raiθ korteθa kaβeθa nariθ peθiolo panθa θjelo θeniθa konoθer kaθar jaθer alθar torθer θerar lanθar deθir entumeθer kreθer enθender reθjente beθino θerka θinko		
ẽ	1EBD	64
ʃē sɛpēʃi sirpēti sjɛpē semēʃi simēti simēs vivēda vivēde dēʃi dēti dē mē mē ētrɛpɛ sē vētu vētu vē pēsak pēsar sēʃiv sētir kēdɛk fēdɛk fēder istēdɛk iʃtēder sētar sētar ēʃugar ēʃuγar ēʃle isēdʒar ʃesēʃi ʃesēʃi plē vizē sēk sēk nē		

Appendix 4 - Word Lists by Language

Latin

Cognate	IPA	Sounds
I	ego:	ay-g-O
We	no:s	n-O-s
YouPlural	wo:s	w-O-s
YouSingular	tu:	t-U
Woman	fe:mina	f-ai-m-e-n-ah
Woman-Mulier	mulierem	m-u-l-e-ay-r-ay-m
Woman-Domina	domina	d-oh-m-e-n-ah
ManHumanBeing	hominem	h-oh-m-e-n-ay-m
ManHumanBeing-Homo	homo:	h-oh-m-O
Child	infantem	e-n-f-ah-n-t-ay-m
Wife	sponsa	s-p-oh-n-s-ah
Wife-Mulier	mulier	m-u-l-e-ay-r
Husband	mari:tus	m-ah-r-E-t-u-s
Husband-Sponsus	sponsus	s-p-oh-n-s-u-s
Husband-Socius	sokius	s-oh-k-e-u-s
Mother	ma:trem	m-A-t-r-ay-m
Father	patre	p-ah-t-r-ay
Father-Tata	tata	t-ah-t-ah
Animal	animalia	ah-n-e-m-ah-l-e-ah
Animal-Bestia	be:stia	b-ai-s-t-e-ah
Fish-Piskem	piskem	p-e-s-k-ay-m
Bird-Avem	awem	ah-w-ay-m
Bird-Avicellum	awikellum	ah-w-e-k-ay-l-l-u-m
Bird-Passerem	passerem	p-ah-s-s-ay-r-ay-m
Dog	kanem	k-ah-n-ay-m
Louse	peduklus	p-ay-d-u-k-l-u-s
Snake	serpentem	s-ay-r-p-ay-n-t-ay-m
Worm	wermem	w-ay-r-m-ay-m
Tree	arborem	ah-r-b-oh-r-ay-m
Forest	silwa	s-e-l-w-ah
Stick	pa:lus	p-A-l-u-s
Fruit	fru:ktus	f-r-U-k-t-u-s
Seed	se:men	s-ai-m-ay-n
Seed-Sementis	sementis	s-ay-m-ay-n-t-e-s
Seed-Granum	gra:num	g-r-A-n-u-m
Leaf	folia	f-oh-l-e-ah
Leaf-Frondea	frondea	f-r-oh-n-d-ay-ah
Root	ra:di:kem	r-A-d-E-k-ay-m
Root-Radix	ra:di:ke	r-A-d-E-k-ay
Root-Radicina	ra:di:ki:na	r-A-d-E-k-E-n-ah
BarkOfATree	kortikem	k-oh-r-t-e-k-ay-m
BarkOfATree-Corticea	korticea	k-oh-r-t-e-k-ay-ah
BarkOfATree-Skortea	skortea	s-k-oh-r-t-ay-ah
Flower	flo:rem	f-l-O-r-ay-m
Grass	herba	h-ay-r-b-ah
Grass-Gramen	gra:men	g-r-A-m-ay-n
Rope	fu:nem	f-U-n-ay-m
Rope-Restis	restem	r-ay-s-t-ay-m
Skin-Pellis	pellem	p-ay-l-l-ay-m
Meat	karnem	k-ah-r-n-ay-m
Meat-Vivenda	wi:wenda	w-E-w-ay-n-d-ah
Blood	sang ^w inem	s-ah-n-gw-e-n-ay-m
Bone	ossum	oh-s-s-u-m

Appendix 4 - Word Lists by Language

FatNoun	adepem	ah-d-ay-p-ay-m
Egg	o:wum	O-w-u-m
Horn	kornu:	k-oh-r-n-U
Tail	kaŭda	k-au_diphthong-d-ah
Feather	plu:ma	p-l-U-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	pilus	p-e-l-u-s
Hair-Capillus	kapillus	k-ah-p-e-l-l-u-s
Head	kapitia	k-ah-p-e-t-e-ah
Head-Testa	testa	t-ay-s-t-ah
Ear	o:rikla	O-r-e-k-l-ah
Eye	okulus	oh-k-u-l-u-s
Nose	na:sus	n-A-s-u-s
Mouth	bukka	b-u-k-k-ah
Mouth-Gula	gula	g-u-l-ah
Tooth	dentem	d-ay-n-t-ay-m
Fingernail	ungula	u-n-g-u-l-ah
Foot	pedem	p-ay-d-ay-m
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	perna	p-ay-r-n-ah
Leg-Petiolus	petiolus	p-ay-t-e-oh-l-u-s
Knee-Geniculum	genikulum	g-ay-n-e-k-u-l-u-m
Hand	manum	m-ah-n-u-m
Wing	a:la	A-l-ah
Belly	wentrem	w-ay-n-t-r-ay-m
Belly-Pantex	pantikem	p-ah-n-t-e-k-ay-m
Guts	intera:nea	e-n-t-ay-r-A-n-ay-ah
Neck	kollum	k-oh-l-l-u-m
Back	dorsum	d-oh-r-s-u-m
Back-Spatula	spatula	s-p-ah-t-u-l-ah
Breast	sinus	s-e-n-u-s
Breast-Pectus	pektus	p-ay-k-t-u-s
Heart	kor	k-oh-r
Heart-Anima	anima	ah-n-e-m-ah
Liver	fi:ka:tum	f-E-k-A-t-u-m
Sun	so:lem	s-O-l-ay-m
Sun-Soliculus	solikulus	s-oh-l-e-k-u-l-u-s
Moon	lu:na	l-U-n-ah
Star	ste:lla	s-t-ai-l-l-ah
Water	ak*a	ah-kw-ah
Rain	pluwia	p-l-u-w-e-ah
River	flu:men	f-l-U-m-ay-n
River-Rivus	ri:wus	r-E-w-u-s
River-Riparia	ri:pa:ria	r-E-p-A-r-e-ah
Lake	lakum	l-ah-k-u-m
Sea	mare	m-ah-r-ay
Salt	sa:lem	s-A-l-ay-m
Stone	saksum	s-ah-k-s-u-m
Stone-Petra	petra	p-ay-t-r-ah
Stone-Lapidem	lapidem	l-ah-p-e-d-ay-m
Sand	hare:na	h-ah-r-ai-n-a
Sand-Sabulum	sabulum	s-ah-b-u-l-u-m
Sand-Sabula	sabula	s-ah-b-u-l-ah
Dust	pulwerem	p-u-l-w-ay-r-ay-m
Dust-Pulwus	pulwus	p-u-l-w-u-s
Earth	terra	t-ay-r-r-ah
Cloud	nu:be:s	n-U-b-ai-s

Appendix 4 - Word Lists by Language

Cloud-Secondary	nu: bilus	n-U-b-e-l-u-s
Fog	ka: li: ginem	k-A-l-E-g-e-n-ay-m
Fog-Nebula	nebula	n-ay-b-u-l-ah
Fog-Tenebrae	tene: braj	t-ay-n-ai-b-r-aj_diphthong
Fog-Tenebras	tene: bra: s	t-ay-n-ai-b-r-A-s
Fog-Fumata	fu: ma: ta	f-U-m-A-t-ah
Fog-Caecia	kajkia	k-aj_diphthong-k-e-ah
Sky	kajlum	k-aj_diphthong-l-u-m
Wind	wentum	w-ay-n-t-u-m
Snow	niwem	n-e-w-ay-m
Ice	gelu:	g-ay-l-U
Smoke	fu: mus	f-U-m-u-s
Fire-Focus	fokum	f-oh-k-u-m
Ash	kinerem	k-e-n-ay-r-ay-m
Road	wia	w-e-ah
Road-Strata	stra: ta	s-t-r-A-t-ah
Road-Camminus	kammi: num	k-ah-m-m-E-n-u-m
Mountain	montem	m-oh-n-t-ay-m
Mountain-Montanea	monta: nea	m-oh-n-t-A-n-ay-ah
Night	noctem	n-oh-tya-t-ay-m
Day	die: s	d-e-ai-s
Day-Diurnus	diurnum	d-e-u-r-n-u-m
Day-Diurnata	diurna: ta	d-e-u-r-n-A-t-ah
Year	annum	ah-n-n-u-m
Name-Nomen	no: men	n-O-m-ay-n
Name-Nominem	no: minem	n-O-m-e-n-ay-m
Tongue	ling* a	l-e-n-gw-ah
ToDrink	bibere	b-e-b-ay-r-ay
ToEat	komedere	k-oh-m-ay-d-ay-r-ay
ToEat-Manducare	manduka: re	m-ah-n-d-u-k-A-r-ay
ToBite	morde: re	m-oh-r-d-ai-r-ay
ToBite-Morsicare	morsika: re	m-oh-r-s-e-k-A-r-ay
ToSuck	su: gere	s-U-g-ay-r-ay
ToSpit	konspuere	k-oh-n-s-p-u-ay-r-ay
ToSpit-Sputare	sputere	s-p-u-t-ay-r-ay
ToVomit	womere	w-oh-m-ay-r-ay
ToBlow	suffla: re	s-u-f-f-l-A-r-ay
ToBreathe	respi: ra: re	r-ay-s-p-E-r-A-r-ay
ToLaugh	ri: de: re	r-E-d-ai-r-ay
ToSee	wide: re	w-e-d-ai-r-ay
ToHear	audi: re	au_diphthong-d-E-r-ay
ToKnow	ski: re	s-k-E-r-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	kogno: skere	k-oh-g-n-O-s-k-ay-r-ay
ToThink	ko: gita: re	k-O-g-e-t-A-r-ay
ToThink-Pensare	pe: nsa: re	p-ai-n-s-A-r-ay
ToSmell-Sentire	senti: re	s-ay-n-t-E-r-ay
ToSmell-Olere	ole: re	oh-l-ai-r-ay
ToSmell-Odorare	odo: ra: re	oh-d-O-r-A-r-ay
ToSmell-Fragrare	fra: gra: re	f-r-A-g-r-A-r-ay
ToFear	time: re	t-e-m-ai-r-ay
ToFear-Tremere	tremere	t-r-ay-m-ay-r-ay
ToSleep	dormi: re	d-oh-r-m-E-r-ay
ToLive	wi: were	w-E-w-ay-r-ay
ToKill	neka: re	n-ay-k-A-r-ay
ToKill-Tutari	tu: ta: ri	t-U-t-A-r-e
ToKill-Mactare	makta: re	m-ah-k-t-A-r-ay

Appendix 4 - Word Lists by Language

ToKill-Occidere	okki:dere	oh-k-k-E-d-ay-r-ay
ToFight	pugna:re	p-u-g-n-A-r-ay
ToFight-Battuere	battuere	b-ah-t-t-u-ay-r-ay
ToHunt-Captiare	kaptia:re	k-ah-p-t-e-A-r-ay
ToHit	pulsa:re	p-u-l-s-A-r-ay
ToCut	seka:re	s-ay-k-A-r-ay
ToCut-Curtare	kurta:re	k-u-r-t-A-r-ay
ToCut-Excurtare	ekskurta:re	ay-k-s-k-u-r-t-A-r-ay
ToCut-Taliare	ta:lia:re	t-A-l-e-A-r-ay
ToSplit	di:widere	d-E-w-e-d-ay-r-ay
ToSplit-Scindere	skindere	s-k-e-n-d-ay-r-ay
ToSplit-Findere	findere	f-e-n-d-ay-r-ay
ToSplit-Partire	parti:re	p-ah-r-t-E-r-ay
ToSplit-Separare	se:para:re	s-ai-p-ah-r-A-r-ay
ToStab	pungere	p-u-n-g-ay-r-ay
ToStab-Iugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	ra:dere	r-A-d-ay-r-ay
ToDig	fodere	f-oh-d-ay-r-ay
ToDig-Cavare	kawa:re	k-ah-w-A-r-ay
ToDig-Excavare	ekskawa:re	ay-k-s-k-ah-w-A-r-ay
ToSwim	nata:re	n-ah-t-A-r-ay
ToSwim-Navigare	naviga:re	n-ah-v-e-g-A-r-ay
ToFly	wola:re	w-oh-l-A-r-ay
ToWalk-Mergere	mergere	m-ay-r-g-ay-r-ay
ToWalk-Ambitare	ambita:re	ah-m-b-e-t-A-r-ay
ToCome	weni:re	w-ay-n-E-r-ay
ToLieAsInABed	ekstendere	ay-k-s-t-ay-n-d-ay-r-ay
ToLieAsInABed-lacere	jake:re	jg-ah-k-ai-r-ay
ToSit	sede:re	s-ay-d-ai-r-ay
ToSit-Sedentare	sedenta:re	s-ay-d-ay-n-t-A-r-ay
ToStand	sta:re	s-t-A-r-ay
ToStand-Levare	leva:re	l-ay-v-A-r-ay
ToStand-Altiare	altia:re	ah-l-t-e-A-r-ay
ToTurnIntransitive	torna:re	t-oh-r-n-A-r-ay
ToTurnIntransitive-Gyrare	gyra:re	g-eeh-r-A-r-ay
ToTurnIntransitive-Torquere	tork ^w e:re	t-oh-r-kw-ai-r-ay
ToFall	kadere	k-ah-d-ay-r-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	dona:re	d-oh-n-A-r-ay
ToHold	tene:re	t-ay-n-ai-r-ay
ToSqueeze	eksprimere	ay-k-s-p-r-e-m-ay-r-ay
ToSqueeze-Serrere	serrere	s-ay-r-r-ay-r-ay
ToSqueeze-Serare	serare	s-ay-r-ah-r-ay
ToSqueeze-Appetorare	appektora:re	ah-p-p-ay-k-t-oh-r-A-r-ay
ToSqueeze-Stringere	stringere	s-t-r-e-n-g-ay-r-ay
ToRub	frika:re	f-r-e-k-A-r-ay
ToRub-Frictare	frikta:re	f-r-e-k-t-A-r-ay
ToWash	lawa:re	l-ah-w-A-r-ay
ToWipe	tergere	t-ay-r-g-ay-r-ay
ToWipe-Extergere	ekstergere	ay-k-s-t-ay-r-g-ay-r-ay
ToWipe-Exsucare	eksu:ka:re	ay-k-s-U-k-A-r-ay
ToWipe-Limpidare	limpida:re	l-e-m-p-e-d-A-r-ay
ToPull	tira:re	t-e-r-A-r-ay
ToPull-Pulsare	pulsa:re	p-u-l-s-A-r-ay
ToPull-Trahere	trahere	t-r-ah-h-ay-r-ay
ToPush	impingere	e-m-p-e-n-g-ay-r-ay
ToThrow	jakta:re	jg-ah-k-t-A-r-ay

Appendix 4 - Word Lists by Language

ToThrow-Lanceare	lancea:re	l-ah-n-k-ay-A-r-ay
ToThrow-Eruncare	e:runka:re	ai-r-u-n-k-A-r-ay
ToTie	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay
ToSew	ko:nsuere	k-O-n-s-u-ay-r-ay
ToCount	komputa:re	k-oh-m-p-u-t-A-r-ay
ToCount-Enumerare	e:numera:re	ai-n-u-m-ay-r-A-r-ay
ToCount-Numerare	numera:re	n-u-m-ay-r-A-r-ay
ToSay	di:kere	d-E-k-ay-r-ay
ToSay-Exponere	ekspo:nere	ay-k-s-p-O-n-ay-r-ay
ToSing-AncestralClass	kanta:re	k-ah-n-t-A-r-ay
ToPlay-Ludere	lu:dere	l-U-d-ay-r-ay
ToPlay-Jiocare	joka:re	jg-oh-k-A-r-ay
ToFloat	flu:ktua:re	f-l-U-k-t-u-A-r-ay
ToFloat-Flutare	fluita:re	f-l-u-e-t-A-r-ay
ToFlow	fluere	f-l-u-ay-r-ay
ToFlow-Colare	ko:la:re	k-O-l-A-r-ay
ToFlow-Excurrere	ekscurrere	ay-k-s-k-u-r-r-ay-r-ay
ToFlow-Currere	kurrere	k-u-r-r-ay-r-ay
ToFreeze	gela:re	g-ay-l-A-r-ay
ToFreeze-Glaciare	glakia:re	g-l-ah-k-e-A-r-ay
ToFreeze-Inglaciare	inglakia:re	e-n-g-l-ah-k-e-A-r-ay
ToSwell	augmenta:re	au_diphthong-g-m-ay-n-t-A-r-ay
ToSwell-Inflare	infla:re	e-n-f-l-A-r-ay
ToSwell-Conflare	konfla:re	k-oh-n-f-l-A-r-ay
ToSwell-Intumescere	intume:skere	e-n-t-u-m-ai-s-k-ay-r-ay
ToSwell-Crescere	kre:ske:re	k-r-ai-s-k-ai-r-ay
ToBurn-Cremare	krema:re	k-r-ay-m-A-r-ay
ToBurn-Flammare	flamma:re	f-l-ah-m-m-A-r-ay
ToBurn-Ardere	arde:re	ah-r-d-ai-r-ay
ToBurn-Flagrare	flagra:re	f-l-ah-g-r-A-r-ay
ToBurn-Incendere	inkendere	e-n-k-ay-n-d-ay-r-ay
ToBurn-AncestralClass8	ustula:re	u-s-t-u-l-A-r-ay
All	omne:s	oh-m-n-ai-s
All-Totus	to:tus	t-O-t-u-s
Many	multus	m-u-l-t-u-s
Many-Tantus	tantus	t-ah-n-t-u-s
Few	paukus	p-au_diphthong-k-u-s
Other	alter	ah-l-t-ay-r
Other-Alius	alius	ah-l-e-u-s
Big	magnus	m-ah-g-n-u-s
Big-Grandem	grandem	g-r-ah-n-d-ay-m
Big-Majjorem	majjo:rem	m-aj_diphthong-jg-O-r-ay-m
Long-Longum	longus	l-oh-n-g-u-s
Long-Largum	largus	l-ah-r-g-u-s
Wide	la:tus	l-A-t-u-s
Wide-Amplum	amplus	ah-m-p-l-u-s
Thick	krassus	k-r-ah-s-s-u-s
Thick-Spissum	spissus	s-p-e-s-s-u-s
Thick-Gurdum	gurdus	g-u-r-d-u-s
Thick-Grossum	grossus	g-r-oh-s-s-u-s
Heavy	grawis	g-r-ah-w-e-s
Heavy-Lurdus	lurdus	l-u-r-d-u-s
Small	pittitus	p-e-t-t-e-t-u-s
Small-Pittinus	'pittinus	p-e-t-t-e-n-u-s
Small-Pitulus	pitulus	p-e-t-u-l-u-s
Short	kurtus	k-u-r-t-u-s

Appendix 4 - Word Lists by Language

Short-Brevis	brewis	b-r-ay-w-e-s
Narrow	angustus	ah-n-g-u-s-t-u-s
Narrow-Strictus	striktus	s-t-r-e-k-t-u-s
Thin	minu:tus	m-e-n-U-t-u-s
Thin-Delicatus	de:lika:tus	d-ai-l-e-k-A-t-u-s
Thin-Subtilis	subti:lem	s-u-b-t-E-l-ay-m
Warm	kalidus	k-ah-l-e-d-u-s
Cold	fri:gidus	f-r-E-g-e-d-u-s
Cold-Recens	rekentem	r-ay-k-ay-n-t-ay-m
Full	ple:nus	p-l-ai-n-u-s
New	nowus	n-oh-w-u-s
Old	wetulus	w-ay-t-u-l-u-s
Good	bonus	b-oh-n-u-s
Bad	malus	m-ah-l-u-s
Rotten	putridus	p-u-t-r-e-d-u-s
Rotten-Putrem	putrem	p-u-t-r-ay-m
Dirty	sordidus	s-oh-r-d-e-d-u-s
Dirty-Spurcus	spurcus	s-p-u-r-tya-u-s
Straight	di:re:ktus	d-E-r-ai-k-t-u-s
Round	rotundus	r-oh-t-u-n-d-u-s
SharpAsAKnife	aku:tus	ah-k-U-t-u-s
DullAsAKnife	hebetem	h-ay-b-ay-t-ay-m
DullAsAKnife-Retusus	retu:sus	r-ay-t-U-s-u-s
Smooth	sua:wem	s-u-A-w-ay-m
Smooth-Nitidus	nitidus	n-e-t-e-d-u-s
Wet	u:midus	U-m-e-d-u-s
Wet-Udus	u:dus	U-d-u-s
Dry	sikkus	s-e-k-k-u-s
Correct	korre:ktus	k-oh-r-r-ai-k-t-u-s
Near	proksimus	p-r-oh-k-s-e-m-u-s
Near-AdPrope	adpropre	ah-d-p-r-oh-p-r-ay
Near-Pressus	pressus	p-r-ay-s-s-u-s
Near-Vicinus	wi:ki:nus	w-E-k-E-n-u-s
Near-Circa	kirka	k-e-r-k-ah
Right-Dextrem	dekstrum	d-ay-k-s-t-r-u-m
Left	sinistrum	s-e-n-e-s-t-r-u-m
Red	russus	r-u-s-s-u-s
Red-Vermiculus	vermikulus	v-ay-r-m-e-k-u-l-u-s
Red-Rubeus	rubeus	r-u-b-ay-u-s
Green	wiridem	w-e-r-e-d-ay-m
Yellow	galbinus	g-ah-l-b-e-n-u-s
Yellow-Amarellus	amarellus	ah-m-ah-r-ay-l-l-u-s
Yellow-Croceus	krokeus	k-r-oh-k-ay-u-s
White	albus	ah-l-b-u-s
One	u:num	U-n-u-m
Two-Duos	duo:s	d-u-O-s
Two-Duae	duaj	d-u-aj_diphthong
Two-Duas	duas	d-u-ah-s
Three	tre:s	t-r-ai-s
Four	k ^w attwor	kw-ah-t-t-w-oh-r
Five	k ^w i:nk ^w e	kw-E-n-kw-ay
Here	ekkumhi:k	ay-k-k-u-m-h-E-k
There	illa:k	e-l-l-A-k
There-Ibi	ibi:	e-b-E
Who-Qui	k ^w is	kw-e-s
Who-Quem	k ^w em	kw-ay-m
What	k ^w id	kw-e-d

Appendix 4 - Word Lists by Language

When-Quando	k ^w ando:	kw-ah-n-d-O
How-Quomodo	k ^w o:modo	kw-O-m-oh-d-oh
Not	no:n	n-O-n
Not-Nec	nek	n-ay-k
At	ad	ah-d
In-In	in	e-n
In-Deintus	deintus	d-ay-e-n-t-u-s
With-Cum	kum	k-u-m
With-Abhoc	abhoc	ah-b-h-oh-tya
And-Et	et	ay-t
And-Si	si:k	s-E-k
Because-Quod	k ^w od	kw-oh-d

French

Cognate	IPA	Sounds
I	ʒə	gzah-aah
We	nu	n-u
YouPlural	vu	v-u
YouSingular	ty	t-eeh
Woman	fam	f-ah-m
Woman-Domina	dam	d-ah-m
ManHumanBeing	ɔm	euh-m
ManHumanBeing-Homo	ɔ̃	oon
Child	ɑ̃fɑ̃	NasalA-f-NasalA
Wife	epuz	ay-p-u-zz
Husband	maʁi	m-ah-rr-e
Husband-Sponsus	epu	ay-p-u
Mother	meʁ	m-ay-rr
Father	peʁ	p-ay-rr
Animal	omaj	oh-m-ah-jg
Fish-Pescion	pwasɔ̃	p-w-ah-s-on
Bird-Avicellum	wazo	w-ah-zz-oh
Dog	ʃjɛ̃	shh-jg-ehnn
Louse	pu	p-u
Snake	sɛʁpɑ̃	s-ay-rr-p-NasalA
Worm	veʁ	v-ay-rr
Tree	ɑʁbɛ	ah-rr-b-rr
Stick	pal	p-ah-l
Fruit	fʁɥi	f-rr-eu-e
Seed-Sementis	səmɑ̃s	s-aah-m-NasalA-s
Seed-Granum	gʁɛn	g-rr-eh-n
Leaf	fœj	f-OpenMidNearFrontRounded-jg
Root-Radix	ʁadi	rr-ah-d-e
Root-Radicina	ʁasin	rr-ah-s-e-n
BarkOfATree-Skortea	ekoʁs	ay-k-oh-rr-s
Flower	flœʁ	f-l-OpenMidNearFrontRounded-rr
Grass	ɛʁb	eh-rr-b
Grass-Gramen	gʁɑmɛn	g-rr-ah-m-eh-n
Skin	kwan	k-w-ah-n
Skin-Pellis	po	p-oh
Meat	fɛʁ	shh-eh-rr
Meat-Vivenda	vʝɑ̃d	v-jg-NasalA-d
Blood	sɑ̃	s-NasalA
Bone	ɔs	euh-s
FatNoun-Crassia	gʁɛs	g-rr-eh-s

Appendix 4 - Word Lists by Language

Egg	œf	OpenMidNearFrontRounded-f
Horn	kœn	k-euh-rr-n
Tail	kø	k-uu
Feather	plym	p-l-eeh-m
Feather-Penna	pen	p-eh-n
Hair	pwal	p-w-ah-l
Hair-Capillus	ʃəvø	shh-aah-v-uu
Head	ʃəvɛ	shh-aah-v-eh
Head-Testa	tɛt	t-eh-t
Ear	oœej	oh-rr-ej_diphthong
Eye	œj	OpenMidNearFrontRounded-jg
Nose	ne	n-ay
Mouth	buʃ	b-u-shh
Mouth-Gula	gœl	g-OpenMidNearFrontRounded-l
Tooth	dã	d-NasalA
Fingernail	õgl	on-g-l
Foot	pje	p-jg-ay
Leg-Gamba	zãb	gzah-NasalA-b
Knee-Geniculum	zœnu	gzah-aah-n-u
Hand	mẽ	m-ehn
Wing	el	ay-l
Belly	vãtœ	v-NasalA-t-rr
Belly-Pantex	pãs	p-NasalA-s
Guts	ãtœaj	NasalA-t-rr-ah-jg
Neck	ku	k-u
Back	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast	sẽ	s-ehn
Breast-Pectus	pi	p-e
Heart	kœœ	k-OpenMidNearFrontRounded-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	sœlej	s-euh-l-eh_diphthong
Moon	lyn	l-eeh-n
Star	etwal	ay-t-w-ah-l
Water	o	oh
Rain	plqi	p-l-eu-e
River-Rivus	œy	rr-eeh
River-Riparia	œivjœœ	rr-e-v-jg-ay-rr
Lake	lak	l-ah-k
Sea	mœœ	m-eh-rr
Salt	sɛl	s-eh-l
Stone-Petra	pjœœ	p-jg-ay-rr
Sand-Sabulum	sabl	s-ah-b-l
Dust	pudœ	p-u-d-rr
Earth	tœœ	t-ay-rr
Cloud	ny	n-eeh
Fog-Nebula	njoly	n-jg-euh-l-eeh
Fog-Tenebras	tenebœ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-eeh-m-ay
Sky	sjɛl	s-jg-eh-l
Wind	vã	v-NasalA
Ice	zɛl	gzah-eh-l
Ice-Glacies	glas	g-l-ah-s
Fire-Focus	fø	f-uu
Ash	sãdœ	s-NasalA-d-rr
Road	vwa	v-w-ah

Appendix 4 - Word Lists by Language

Road-Camminus	ʃəmẽ	shh-aah-m-ehnn
Mountain	mõ	m-oon
Mountain-Montanea	mõtəp	m-on-t-ah-VdPalatalNasal
Night	nɥi	n-eu-e
Day-Diurnus	ʒuɐ	gzah-u-rr
Day-Diurnata	ʒuɐne	gzah-u-rr-n-ay
Year	a	NasalA
Name-Nomen	nõ	n-oon
Tongue	lāg	l-NasalA-g
ToDrink	bwaɐ	b-w-a-rr
ToEat-Manducare	māʒe	m-NasalA-gzah-ay
ToBite	moɐdɐ	m-oh-rr-d-rr
ToSuck	syse	s-eeh-s-ay
ToSpit	kõspye	k-oon-s-p-eeh-ay
ToVomit	vomiɐ	v-oh-m-e-rr
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ɐiɐ	rr-e-rr
ToSee	vwaɐ	v-w-ah-rr
ToHear	wiɐ	w-e-rr
ToKnow-Sapere	savwaɐ	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kõnetɐ	k-euh-n-eh-t-rr
ToThink	kɥide	k-eu-e-d-ay
ToThink-Pensare	pāse	p-NasalA-s-ay
ToSmell-Sentire	sātɐ	s-NasalA-t-e-rr
ToSmell-Fragrare	fleɐ	f-l-eh-rr-ay
ToFear-Tremere	kɐdɐ	k-rr-ehn-d-rr
ToSleep	dõmiɐ	d-euh-rr-m-e-rr
ToLive	vivɐ	v-e-v-rr
ToDie	muɐiɐ	m-u-rr-e-rr
ToKill	nwaʒe	n-w-aj_diphthong-ay
ToKill-Tutari	tɥe	t-eu-ay
ToKill-Mactare	mate	m-ah-t-ay
ToKill-Occidere	õksiɐ	euh-k-s-e-rr
ToFight-Battuere	batɐ	b-ah-t-rr
ToHunt-Captiare	ʃase	shh-ah-s-ay
ToHit	puse	p-u-s-ay
ToCut	sje	s-jg-ay
ToCut-Excurtare	ekuɐte	ay-k-u-rr-t-ay
ToCut-Taliare	taje	t-a-jg-ay
ToSplit-Scindere	sẽde	s-ehnn-d-ay
ToSplit-Findere	fãdɐ	f-NasalA-d-rr
ToSplit-Partire	paktɐ	p-ah-rr-t-e-rr
ToSplit-Separare	sõvɐ	s-aah-v-rr-ay
ToStab	pweɐdɐ	p-w-ehnn-d-rr
ToStab-lugulare	ʒygyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	ɐaze	rr-a-zz-ay
ToDig	fwɐ	f-w-e-rr
ToDig-Cavare	ʃøve	shh-aah-v-ay
ToSwim-Navigare	naʒe	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	ʃəmine	shh-aah-m-e-n-ay
ToWalk-Marcher	maɐʃe	m-ah-rr-shh-ay
ToCome	vəniɐ	v-aah-n-e-rr
ToLieAsInABed	etãdɐ	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	ʒeziɐ	gzah-ay-zz-e-rr
ToSit	swaɐ	s-w-ah-rr
ToStand	etɐ	eh-t-rr

Appendix 4 - Word Lists by Language

ToStand-Levare	løve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive	tũrne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	zĩke	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	vĩke	v-e-rr-ay
ToTurnIntransitive-Torquere	tũrdũ	t-euh-rr-d-rr
ToFall	fwax	shh-w-ah-rr
ToFall-Tumbare	tũbe	t-on-b-ay
ToGive-Donare	dũne	d-euh-n-ay
ToHold	tũnik	t-aah-n-e-rr
ToSqueeze	epũedũ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	seke	s-ay-rr-ay
ToSqueeze-Stringere	etũẽdũ	ay-t-rr-ehnn-d-rr
ToRub	fũeje	f-rr-eh_diphthong-ay
ToRub-Frictare	fũote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	esũije	ay-s-eu-e-jg-ay
ToPull	tũke	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahare	tũek	t-rr-eh-rr
ToThrow	zũte	gzah-aah-t-ay
ToThrow-Lanceare	lũse	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudũ	k-u-d-rr
ToCount	kũte	k-on-t-ay
ToCount-Enumerare	enumẽke	ay-n-u-m-ay-rr-ay
ToCount-Numerare	nũbũke	n-on-b-rr-ay
ToSay	dũk	d-e-rr
ToSing-AncestralClass	fwate	shh-NasalA-t-ay
ToPlay-Jiocare	zwe	gzah-w-ay
ToFloat	flyktũe	f-l-eeh-k-t-eu-ay
ToFlow	flye	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kũkũk	k-u-rr-e-rr
ToFreeze	zũle	gzah-aah-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell	ogmũate	oh-g-m-NasalA-t-ay
ToSwell-Inflare	ũfle	NasalA-f-l-ay
ToSwell-Conflare	gũfle	g-on-f-l-ay
ToSwell-Crescere	kũwatũ	k-rr-w-ah-t-rr
ToBurn-Brojan	bũyle	b-rr-eeh-l-ay
ToBurn-Cremare	kũame	k-rr-ah-m-ay
ToBurn-Flammare	flame	f-l-ah-m-ay
ToBurn-Ardere	akũk	ah-rr-d-rr
ToBurn-Flagrare	flagũke	f-l-ah-g-rr-ay
ToBurn-Incendere	ẽsũdũje	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okũẽ	oh-k-uuh
Few	pũ	p-uu
Other	otũ	oh-t-rr
Big-Grandem	gũũ	g-rr-NasalA
Long-Longum	lũ	l-on
Long-Largum	lakũ	l-ah-rr-gzah
Wide	le	l-ay
Wide-Amplum	ũpl	NasalA-p-l
Thick	gũũ	g-rr-a

Appendix 4 - Word Lists by Language

Thick-Spissum	epe	ay-p-ay
Thick-Grossum	gɤo	g-rr-oh
Heavy	gɤijef	g-rr-e-jg-eh-f
Heavy-Lurdus	luɤ	l-u-rr
Small	pəti	p-aah-t-e
Short	kuɤ	k-u-rr
Short-Brevis	bɤef	b-rr-eh-f
Narrow-Strictus	etɤwa	ay-t-rr-w-ah
Thin	məny	m-aah-n-eeh
Thin-Delicatus	du:ʒe:	d-U-gzah-ai
Warm	ʃo	shh-oh
Cold	fɤwa	f-rr-w-ah
Full	plɛ	p-l-ehnn
New	nuvo	n-u-v-oh
Old	vjə	v-jg-uu
Good	bō	b-on
Bad	mal	m-ah-l
Straight	dɤwa	d-rr-w-ah
Round	ɤō	rr-on
Smooth-Nitidus	net	n-eh-t
Dry	sɛk	s-eh-k
Near-Pressus	pɤe	p-rr-ay
Near-Vicinus	vwazɛ	v-w-ah-zz-ehnn
Near-Circa	θerka	th-ay-er-k-ah
Far	lwetɛ	l-w-ehnn-t-ehnn
Left	sənɛstɤ	s-aah-n-eh-s-t-rr
Red	ɤu	rr-u
Red-Vermiculus	vɛɤmɛj	v-eh-rr-m-eh_diphthong
Red-Rubeus	ɤuʒ	rr-u-gzah
Green	vɛɤ	v-ay-rr
Yellow	ʒon	gzah-oh-n
One	œ	uuh
Two-Duos	dø	d-uu
Three	tɤwa	t-rr-w-a
Four	katɤ	k-ah-t-rr
Five	sɛk	s-ehn-k
Here	isi	e-s-e
There	la	l-ah
Who-Qui	ki	k-e
What	kwa	k-w-ah
When-Quando	kã	k-NasalA
How-Quomodo	kɔmã	k-euh-m-NasalA
Not	nō	n-oon
Not-Nec	ni	n-e
At	a	ah
In-Deintus	dã	d-NasalA
With-Abhoc	avek	ah-v-ay-k
And-Et	e	ay
And-Si	si	s-e
Because-Quod	kə	k-aah

Spanish

Cognate	IPA	Sounds
I	jo	VdPalatalFricative-oh
We	nos	n-oh-s

Appendix 4 - Word Lists by Language

YouPlural	bos	b-oh-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	usted	u-s-t-ay-d
Woman	embra	ay-m-b-er-ah
Woman-Mulier	muxer	m-u-xha-ay-er
Woman-Domina	dopa	d-oh-VdPalatalNasal-ah
ManHumanBeing	ombre	oh-m-b-er-ay
Child	infante	e-n-f-ah-n-t-ay
Child-Ninnus	nijo	n-e-VdPalatalNasal-oh
Wife	esposa	ay-s-p-oh-s-ah
Wife-Mulier	muxer	m-u-xha-ay-er
Husband	mariðo	m-ah-er-e-dd-oh
Husband-Sponsus	esposo	ay-s-p-oh-s-oh
Mother	maðre	m-ah-dd-er-ay
Father	paðre	p-ah-dd-er-ay
Father-Tata	tata	t-ah-t-ah
Animal	alimapa	ah-l-e-m-ah-VdPalatalNasal-ah
Fish-Piskem	peθ	p-ay-th
Bird-Avem	abe	ah-b-ay
Bird-Passerem	paxaro	p-ah-xha-ah-er-oh
Dog	kan	k-ah-n
Louse	pjoxo	p-jg-oh-xha-oh
Snake	serpjente	s-ay-er-p-jg-ay-n-t-ay
Worm	berme	b-ay-er-m-ay
Tree	arβol	ah-er-bb-oh-l
Forest	selba	s-ay-l-b-ah
Stick	palo	p-ah-l-oh
Fruit	fruto	f-er-u-t-oh
Seed-Sementis	simjente	s-e-m-jg-ay-n-t-ay
Seed-Granum	grano	g-er-ah-n-oh
Leaf	oxa	oh-xha-ah
Root	raiθ	r-ah-e-th
BarkOfATree-Corticea	korteθa	k-oh-er-t-ay-th-ah
Flower	flor	f-l-oh-er
Grass	jerba	VdPalatalFricative-ay-er-b-ah
Grass-Gramen	grama	g-er-ah-m-ah
Rope-Restis	rista	er-e-s-t-ah
Skin-Pellis	pjel	p-jg-ay-l
Meat	karne	k-ah-er-n-ay
Meat-Vivenda	bibjenda	b-e-b-jg-ay-n-d-ah
Blood	sangre	s-ah-nya-g-er-ay
Bone	weso	w-ay-s-oh
FatNoun-Crassia	grasa	g-er-ah-s-ah
Egg	webo	w-ay-b-oh
Horn	kwerno	k-w-ay-er-n-oh
Tail	kola	k-oh-l-ah
Feather	pluma	p-l-u-m-ah
Feather-Penna	peja	p-ay-VdPalatalNasal-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kabejo	k-ah-b-ay-VdPalatalFricative-oh
Head	kaβeθa	k-ah-bb-ay-th-ah
Ear	orexa	oh-er-ay-xha-ah
Eye	oxo	oh-xha-oh
Nose	naso	n-ah-s-oh
Nose-Nares	nariθ	n-ah-er-e-th
Mouth	boka	b-oh-k-ah
Mouth-Gula	gola	g-oh-l-ah

Appendix 4 - Word Lists by Language

Tooth	djente	d-jg-ay-n-t-ay
Fingernail	upa	u-VdPalatalNasal-ah
Foot	pje	p-jg-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	pjerna	p-jg-ay-er-n-ah
Leg-Petiolus	peθiolo	p-ay-th-e-oh-l-oh
Knee-Geniculum	inoxo	e-n-oh-xha-oh
Hand	mano	m-ah-n-oh
Wing	ala	ah-l-ah
Belly	bjentre	b-jg-ay-n-t-er-ay
Belly-Pantex	panθa	p-ah-n-th-ah
Guts	entraņa	ay-n-t-er-ah-VdPalatalNasal-ah
Neck	kwejo	k-w-ay-VdPalatalFricative-oh
Back-Spatula	espalda	ay-s-p-ah-l-d-ah
Breast	seno	s-ay-n-oh
Breast-Pectus	peŋo	p-ay-ts-oh
Heart-Anima	alma	ah-l-m-ah
Liver	iyađo	e-juh-ah-dd-oh
Sun	sol	s-oh-l
Moon	luna	l-u-n-ah
Star	estreja	ay-s-t-er-ay-VdPalatalFricative-ah
Water	aywa	ah-juh-w-ah
Rain	jubja	VdPalatalFricative-u-b-jg-ah
River-Rivus	rio	r-e-oh
Lake	lago	l-ah-g-oh
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone-Petra	pjeđra	p-jg-ay-dd-er-ah
Stone-Lapidem	laude	l-ah-u-d-ay
Sand	arena	ah-er-ay-n-ah
Dust-Pulwus	polbo	p-oh-l-b-oh
Earth	tjera	t-jg-ay-r-ah
Cloud	nube	n-u-b-ay
Cloud-Secondary	nublo	n-u-b-l-oh
Fog	kalina	k-ah-l-e-n-ah
Fog-Nebula	njebla	n-jg-ay-b-l-ah
Fog-Tenebras	tinjeblas	t-e-n-jg-ay-b-l-ah-s
Fog-Fumata	fumata	f-u-m-ah-t-ah
Sky	θjelo	th-jg-ay-l-oh
Wind	bjento	b-jg-ay-n-t-oh
Snow	njebe	n-jg-ay-b-ay
Ice	jelo	VdPalatalFricative-ay-l-oh
Smoke	umo	u-m-oh
Fire-Focus	fwego	f-w-ay-g-oh
Ash-Cinisia	θeniθa	th-ay-n-e-th-ah
Road	bia	b-e-ah
Road-Strata	estrada	ay-s-t-er-ah-d-ah
Road-Camminus	kamino	k-ah-m-e-n-oh
Mountain	monte	m-oh-n-t-ay
Mountain-Montanea	montaņa	m-oh-n-t-ah-VdPalatalNasal-ah
Night	noŋe	n-oh-ts-ay
Day	dia	d-e-ah
Day-Diurnus	djurno	d-jg-u-er-n-oh
Day-Diurnata	xornada	xha-oh-er-n-ah-d-ah
Year	apo	ah-VdPalatalNasal-oh
Name-Nominem	nombre	n-oh-m-b-er-ay
Tongue	leņgwa	l-ay-nya-g-w-ah

Appendix 4 - Word Lists by Language

ToDrink	beber	b-ay-b-ay-er
ToEat	komer	k-oh-m-ay-er
ToEat-Manducare	mandukar	m-ah-n-d-u-k-ah-er
ToBite	morðer	m-oh-er-dd-ay-er
ToBite-Morsicare	moskar	m-oh-s-k-ah-er
ToSpit-Exconspuere	eskupir	ay-s-k-u-p-e-er
ToSpit-Sputare	esputar	ay-s-p-u-t-ah-er
ToBreathe	respirar	r-ay-s-p-e-er-ah-er
ToLaugh	reir	r-ay-e-er
ToSee	ber	b-ay-er
ToHear	oir	oh-e-er
ToKnow-Sapere	saber	s-ah-b-ay-er
ToKnow-Cognoscere	konoθer	k-oh-n-oh-th-ay-er
ToThink	kwidar	k-w-e-d-ah-er
ToThink-Pensare	pensar	p-ay-n-s-ah-er
ToSmell-Sentire	sentir	s-ay-n-t-e-er
ToSmell-Olere	oler	oh-l-ay-er
ToFear	temer	t-ay-m-ay-er
ToFear-Tremere	tremar	t-er-ay-m-ay-er
ToSleep	dormir	d-oh-er-m-e-er
ToLive	bibir	b-e-b-e-er
ToDie	morir	m-oh-er-e-er
ToKill-Adnecare	anegar	ah-n-ay-g-ah-er
ToKill-Mactare	matar	m-ah-t-ah-er
ToFight	pupar	p-u-VdPalatalNasal-ah-er
ToFight-Battuere	batir	b-ah-t-e-er
ToHunt-Captiare	kaθar	k-ah-th-ah-er
ToHit	puxar	p-u-xha-ah-er
ToCut	segar	s-ay-g-ah-er
ToCut-Curtare	kortar	k-oh-er-t-ah-er
ToCut-Taliare	taxar	t-ah-xha-ah-er
ToSplit	dibidir	d-e-b-e-d-e-er
ToSplit-Findere	ender	ay-n-d-ay-er
ToSplit-Partire	partir	p-ah-er-t-e-er
ToSplit-Separare	separar	s-ay-p-ah-er-ah-er
ToScratch	raer	r-ah-ay-er
ToScratch-Rasare	rasar	r-ah-s-ah-er
ToScratch-Rasicare	raskar	r-ah-s-k-ah-er
ToDig-Cavare	kabar	k-ah-b-ah-er
ToDig-Excavare	eskabar	ay-s-k-ah-b-ah-er
ToSwim	nadar	n-ah-d-ah-er
ToSwim-Navigare	nabegar	n-ah-b-ay-g-ah-er
ToFly	bolar	b-oh-l-ah-er
ToWalk	kaminar	k-ah-m-e-n-ah-er
ToWalk-Ambitare	andar	ah-n-d-ah-er
ToCome	benir	b-ay-n-e-er
ToLieAsInABed	ekstender	ay-k-s-t-ay-n-d-ay-er
ToLieAsInABed-lacere	jaθer	VdPalatalFricative-ah-th-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sentar	s-ay-n-t-ah-er
ToStand	estar	ay-s-t-ah-er
ToStand-Levare	jebar	VdPalatalFricative-ay-b-ah-er
ToStand-Altiare	alθar	ah-l-th-ah-er
ToTurnIntransitive	tornar	t-oh-er-n-ah-er
ToTurnIntransitive-Gyrate	xirar	xha-e-er-ah-er
ToTurnIntransitive-AncestralClass3	birar	b-e-er-ah-er
ToTurnIntransitive-Torquere	torθer	t-oh-er-th-ay-er

Appendix 4 - Word Lists by Language

ToFall	kaer	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	donar	d-oh-n-ah-er
ToHold	tener	t-ay-n-ay-er
ToHold-Segurar	segurar	s-ay-g-u-er-ah-er
ToSqueeze	ekspremir	ay-k-s-p-er-ay-m-e-er
ToSqueeze-Serrere	serir	s-ay-r-ah-er
ToSqueeze-Serare	θerar	th-ay-r-ah-er
ToSqueeze-Appetorare	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estreñir	ay-s-t-er-ay-VdPalatalNasal-e-er
ToRub	fregar	f-er-ay-g-ah-er
ToRub-Frictare	frotar	f-er-oh-t-ah-er
ToRub-Frictiare	frisar	f-r-e-s-ah-er
ToWash	lañar	l-ah-bb-ah-er
ToWipe-Extergere	estarsir	ay-s-t-ah-er-s-e-er
ToWipe-Exsucare	enxugar	ay-n-xha-u-g-ah-er
ToWipe-Limpidare	limpiar	l-e-m-p-jg-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	puxar	p-u-xha-ah-er
ToThrow	eñar	ay-ts-ah-er
ToThrow-Lanceare	lanθar	l-ah-n-th-ah-er
ToThrow-Eruncare	arankar	ah-r-ah-n-k-ah-er
ToTie	legar	l-ay-g-ah-er
ToTie-Aptare	atar	ah-t-ah-er
ToSew	koser	k-oh-s-ay-er
ToCount	kontar	k-oh-n-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	deñir	d-ay-th-e-er
ToSing-AncestralClass	kantar	k-ah-n-t-ah-er
ToPlay-Ludere	ludir	l-u-d-e-er
ToPlay-Jiocare	xugar	xha-u-g-ah-er
ToFloat	flugtwar	f-l-u-g-t-w-ah-er
ToFlow	fluir	f-l-u-e-er
ToFlow-Colare	kolar	k-oh-l-ah-er
ToFlow-Excurrere	eskurir	ay-s-k-u-r-e-er
ToFlow-Currere	korer	k-oh-r-ay-er
ToFreeze	elar	ay-l-ah-er
ToSwell	aumentar	au_diphthong-m-ay-n-t-ah-er
ToSwell-Inflate	inñar	e-n-ts-ah-er
ToSwell-Intumescere	entumeθer	ay-n-t-u-m-ay-th-ay-er
ToSwell-Crescere	kreθer	k-er-ay-th-ay-er
ToBurn-Cremare	kemar	k-ay-m-ah-er
ToBurn-Ardere	arder	ah-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	enθender	ay-n-th-ay-n-d-ay-er
All-Totus	todo	t-oh-d-oh
Many	muño	m-u-ts-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alguno	ah-l-g-u-n-oh
Few	poko	p-oh-k-oh
Other	otro	oh-t-er-oh
Big	mapo	m-ah-VdPalatalNasal-oh
Big-Grandem	grande	g-er-ah-n-d-ay
Long-Longum	longo	l-oh-n-g-oh
Long-Largum	laryo	l-ah-er-juh-oh
Wide	lato	l-ah-t-oh

Appendix 4 - Word Lists by Language

Wide-Amplum	anʃo	ah-n-ts-oh
Thick	graso	g-er-ah-s-oh
Thick-Spissum	espeso	ay-s-p-ay-s-oh
Thick-Gurdum	gordo	g-oh-er-d-oh
Heavy	grabe	g-er-ah-b-ay
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekepo	p-ay-k-ay-VdPalatalNasal-oh
Short	korto	k-oh-er-t-oh
Short-Brevis	brebe	b-er-ay-b-ay
Narrow	angosto	ah-n-g-oh-s-t-oh
Narrow-Strictus	estreʃo	ay-s-t-er-ay-ts-oh
Thin	menudo	m-ay-n-u-d-oh
Thin-Delicatus	delyaðo	d-ay-l-juh-ah-dd-oh
Thin-Subtilis	sutil	s-u-t-e-l
Warm	kaldo	k-ah-l-d-oh
Cold	frio	f-er-e-oh
Cold-Recens	reθjente	r-ay-th-jg-ay-n-t-ay
Full	ʎeno	yuh-ay-n-oh
New	nweβo	n-w-ay-bb-oh
Old	bjexo	b-jg-ay-xha-oh
Good	bweno	b-w-ay-n-oh
Bad	malo	m-ah-l-oh
Rotten	poðriðo	p-oh-dd-er-e-dd-oh
Rotten-Putrem	poðre	p-oh-dd-er-ay
Dirty	sordido	s-oh-er-d-e-d-oh
Round	redondo	r-ay-d-oh-n-d-oh
SharpAsAKnife	ayuðo	ah-juh-u-dd-oh
Smooth-Nitidus	niðio	n-e-dd-e-oh
Dry	seko	s-ay-k-oh
Near	proximo	p-er-oh-xha-e-m-oh
Near-Vicinus	beθino	b-ay-th-e-n-oh
Right-Dextrem	djestro	d-jg-ay-s-t-er-oh
Left	sinjestro	s-e-n-jg-ay-s-t-er-oh
Red	roxo	r-oh-xha-oh
Red-Vermiculus	bermexo	b-ay-er-m-ay-xha-oh
Red-Rubeus	rubjo	r-u-b-jg-oh
Green	berde	b-ay-er-d-ay
Yellow-Amarellus	amarijo	ah-m-ah-er-e-VdPalatalFricative-oh
White	albo	ah-l-b-oh
One	uno	u-n-oh
Two-Duos	dos	d-oh-s
Three	tres	t-er-ay-s
Four	kwatro	k-w-ah-t-er-oh
Five	θinko	th-e-n-k-oh
Here	aki	ah-k-e
There	aja	ah-VdPalatalFricative-ah
There-Adlbi	ai	ah-e
Who-Quem	kjen	k-jg-ay-n
What	ke	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	komo	k-oh-m-oh
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	en	ay-n
With-Cum	kon	k-oh-n
And-Et	i	e

Appendix 4 - Word Lists by Language

And-Si	si	s-e
Because-Quod	ke	k-ay

Italian

Cognate	IPA	Sounds
I	io	e-oh
We	no:i	n-O-e
YouPlural	vo:i	v-O-e
YouSingular	tu	t-u
Woman	femmina	f-ay-m-m-e-n-ah
Woman-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Woman-Domina	donna	d-euh-n-n-ah
ManHumanBeing-Homo	womo	w-euh-m-oh
Child	fante	f-ah-n-t-ay
Child-Ninnus	nino	n-e-n-oh
Wife	spɔza	s-p-euh-zz-ah
Wife-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Husband	marito	m-ah-r-e-t-oh
Husband-Sponsus	spɔzo	s-p-euh-zz-oh
Husband-Socius	sɔʃfo	s-euh-ts-oh
Mother	ma:dre	m-A-d-r-ay
Father	pa:dre	p-A-d-r-ay
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃʃa	b-e-shh-shh-ah
Fish-Piskem	peʃʃe	p-ay-shh-shh-ay
Bird-Avicellum	utʃello	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog	kane	k-ah-n-ay
Louse	pidɔkkjo	p-e-d-euh-k-k-jg-oh
Snake	serpente	s-ay-r-p-ay-n-t-ay
Worm	verme	v-ay-r-m-ay
Tree	albero	ah-l-b-ay-er-oh
Forest	selva	s-ay-l-v-ah
Stick	palo	p-ah-l-oh
Fruit	frutto	f-r-u-t-t-oh
Seed	seme	s-ay-m-ay
Seed-Sementis	semente	s-ay-m-ay-n-t-ay
Seed-Granum	grano	g-r-ah-n-oh
Leaf	fɔʎʎa	f-euh-yuh-yuh-ah
Leaf-Frondea	fronza	f-r-oh-n-VdPalatoAlveolarAffricate-ah
Root-Radix	radi:ʃe	r-ah-d-E-ts-ay
BarkOfATree	kortijʃe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortetʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Skortea	skortsa	s-k-euh-r-VlAlveolarSibilantAffricate-ah
Flower	fjo:re	f-jg-O-er-ay
Grass	erba	eh-r-b-ah
Rope	fune	f-u-n-ay
Rope-Restis	resta	r-eh-s-t-ah
Skin	kotenna	k-oh-t-ay-n-n-ah
Skin-Pellis	pelle	p-ay-l-l-ay
Meat	karne	k-ah-r-n-ay
Meat-Vivenda	vivanda	v-e-v-ah-n-d-ah
Blood	sangwe	s-ah-n-g-w-ay
Bone	osso	euh-s-s-oh
FatNoun	adipe	ah-d-e-p-ay

Appendix 4 - Word Lists by Language

Egg	wəvo	w-euh-v-oh
Horn	kørno	k-euh-r-n-oh
Tail	koda	k-oh-d-ah
Feather	pjuma	p-jg-u-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kapello	k-ah-p-ay-l-l-oh
Head	kavettsa	k-ah-v-ay-t-t-s-ah
Head-Testa	tēsta	t-eh-s-t-ah
Ear	orekkja	oh-r-ay-k-k-jg-ah
Eye	əkkjo	euh-k-k-jg-oh
Nose	na:so	n-A-s-oh
Nose-Nares	nariŋe	n-ah-r-e-ts-ay
Mouth	bokka	b-oh-k-k-ah
Mouth-Gula	gola	g-oh-l-ah
Tooth	dēnte	d-eh-n-t-ay
Fingernail	ungja	u-n-g-jg-ah
Foot	pje:de	p-jg-Eh-d-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	perno	p-eh-r-n-oh
Leg-Petiolus	pitjolo	p-e-t-ts-euh-l-oh
Knee-Geniculum	dʒinəkkjo	VdPalatoAlveolarSibilant-e-n-euh-k-k-jg-oh
Hand	ma:no	m-A-n-oh
Wing	ala	ah-l-ah
Belly-Pantex	pantʃa	p-ah-n-ts-ah
Neck	kollo	k-oh-l-l-oh
Back	dosso	d-euh-s-s-oh
Back-Spatula	spalla	s-p-ah-l-l-ah
Breast	seno	s-ay-n-oh
Breast-Pectus	petto	p-eh-t-t-oh
Heart	kwore	k-w-euh-r-ay
Heart-Anima	alma	ah-l-m-ah
Liver	fegato	f-ay-g-ah-t-oh
Sun	sole	s-oh-l-ay
Moon	luna	l-u-n-ah
Star	stella	s-t-ay-l-l-ah
Water	akkwa	ah-k-k-w-ah
Rain	pjoddʒa	p-jg-oh-d-VdPalatoAlveolarSibilant-ah
River	fjume	f-jg-u-m-ay
River-Rivus	rio	r-e-oh
Lake	lago	l-ah-g-oh
Sea	mare	m-ah-r-ay
Salt	sale	s-ah-l-ay
Stone	sasso	s-ah-s-s-oh
Stone-Petra	pje:tra	p-jg-ai-t-r-ah
Stone-Lapidem	lapide	l-ah-p-e-d-ay
Sand-Sabula	sabbja	s-ah-b-b-jg-ah
Dust	polvere	p-oh-l-v-ay-r-ay
Earth	terra	t-eh-r-r-ah
Cloud	nube	n-u-b-ay
Cloud-Secondary	nuvola	n-u-v-oh-l-ah
Fog	kalidzine	k-ah-l-e-VdPalatoAlveolarSibilant-e-n-ay
Fog-Nebula	nebbja	n-ay-b-b-jg-ah
Fog-Tenebrae	tɛ:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	tɛ:nebre	t-Eh-n-ay-b-r-ay
Fog-Fumata	fuma:ta	f-u-m-A-t-ah
Sky	tʃelo	ts-eh-l-oh

Appendix 4 - Word Lists by Language

Wind	vento	v-eh-n-t-oh
Snow	neve	n-ay-v-ay
Ice	dʒelo	VdPalatoAlveolarSibilant-eh-l-oh
Ice-Glacies	gʒatʃa	g-jg-ah-t-ts-ah
Smoke	fumo	f-u-m-oh
Fire-Focus	fwoko	f-w-euh-k-oh
Ash	ʃenere	ts-ay-n-ay-r-ay
Road	via	v-e-ah
Road-Strata	strada	s-t-r-ah-d-ah
Road-Camminus	kammino	k-ah-m-m-e-n-oh
Mountain	monte	m-oh-n-t-ay
Mountain-Montanea	montanna	m-oh-n-t-ah-VdPalatalNasal-VdPalatalNasal-ah
Night	notte	n-euh-t-t-ay
Day	di	d-e
Day-Diurnus	dʒorno	VdPalatoAlveolarSibilant-oh-r-n-oh
Day-Diurnata	dʒornata	VdPalatoAlveolarSibilant-oh-r-n-ah-t-ah
Year	anno	ah-n-n-oh
Name-Nomen	no:me	n-O-m-ay
Tongue	lingwa	l-e-n-g-w-ah
ToDrink	bere	b-ay-er-ay
ToEat-Manducare	mandʒare	m-ah-n-VdPalatoAlveolarSibilant-ah-er-ay
ToBite	mordere	m-euh-r-d-ay-r-ay
ToBite-Morsicare	morsikare	m-oh-r-s-e-k-ah-er-ay
ToSpit-Sputare	sputare	s-p-u-t-ah-er-ay
ToVomit	vomere	v-euh-m-ay-r-ay
ToBlow	soffjare	s-oh-f-f-jg-ah-r-ay
ToBreathe	respirare	r-ay-s-p-e-r-ah-er-ay
ToLaugh	ri:dere	r-E-d-ay-er-ay
ToSee	vedere	v-ay-d-ay-er-ay
ToHear	udire	u-d-e-er-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	konoʃfere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink	kodʒitare	k-oh-VdPalatoAlveolarSibilant-e-t-ah-r-ay
ToThink-Pensare	pensare	p-ay-n-s-ah-er-ay
ToSmell-Sentire	sentire	s-ay-n-t-e-r-ay
ToSmell-Olere	olire	oh-l-e-r-ay
ToSmell-Odorare	odorare	oh-d-oh-r-ah-r-ay
ToSmell-Fragrare	fragrare	f-r-ah-g-r-ah-r-ay
ToFear	temere	t-ay-m-ay-r-ay
ToFear-Tremere	tremare	t-r-ay-m-ah-r-ay
ToSleep	dormire	d-oh-r-m-e-r-ay
ToLive	vivere	v-e-v-ay-r-ay
ToDie	morire	m-oh-r-e-r-ay
ToKill-Adnecare	annegare	ah-n-n-ay-g-ah-r-ay
ToKill-Occidere	utʃidere	u-t-ts-e-d-ay-er-ay
ToFight	puɲnare	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	battere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	katʃare	k-ah-t-ts-ah-r-ay
ToHit	pulsare	p-u-l-s-ah-r-ay
ToCut	segare	s-ay-g-ah-r-ay
ToCut-Excurtare	skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	taʎʎa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ʃindere	shh-e-n-d-ay-r-ay
ToSplit-Findere	fendere	f-eh-n-d-ay-r-ay
ToSplit-Partire	partire	p-ah-r-t-e-r-ay
ToSplit-Separare	separare	s-ay-p-ah-r-ah-r-ay

Appendix 4 - Word Lists by Language

ToStab	pundzere	p-u-n-VdPalatoAlveolarSibilant-ay-r-ay
ToStab-lugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	radere	r-ah-d-ay-r-ay
ToScratch-Rasare	rasare	r-ah-s-ah-r-ay
ToDig-Cavare	kavare	k-ah-v-ah-r-ay
ToDig-Excavare	skavare	s-k-ah-v-ah-r-ay
ToSwim	nwotare	n-w-oh-t-ah-er-ay
ToSwim-Navigare	navigare	n-ah-v-e-g-ah-r-ay
ToFly	volare	v-oh-l-ah-er-ay
ToFly-Exvolare	zvolare	zz-v-oh-l-ah-er-ay
ToWalk	kamminare	k-ah-m-m-e-n-ah-er-ay
ToWalk-Mergere	merdzere	m-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWalk-Ambitare	andare	ah-n-d-ah-r-ay
ToCome	venire	v-ay-n-e-er-ay
ToLieAsInABed	estendere	ay-s-t-eh-n-d-ay-r-ay
ToLieAsInABed-lacere	dʒaŋʃe:re	VdPalatoAlveolarSibilant-ah-ts-ai-er-ay
ToSit	sedere	s-ay-d-ay-r-ay
ToStand	stare	s-t-ah-r-ay
ToStand-Levare	levare	l-ay-v-ah-r-ay
ToStand-Altiare	altsare	ah-l-VIAlveolarSibilantAffricate-ah-r-ay
ToTurnIntransitive	tornare	t-oh-r-n-ah-r-ay
ToTurnIntransitive-Gyrate	dʒirare	VdPalatoAlveolarSibilant-e-r-ah-er-ay
ToTurnIntransitive-AncestralClass3	virare	v-e-r-ah-er-ay
ToTurnIntransitive-Torque	tɔŋʃere	t-euh-r-ts-ay-r-ay
ToFall	kadere	k-ah-d-ay-er-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	donare	d-oh-n-ah-r-ay
ToHold	tenere	t-ay-n-ay-er-ay
ToSqueeze	spremere	s-p-r-eh-m-ay-r-ay
ToSqueeze-Serare	serrare	s-ay-r-r-ah-r-ay
ToSqueeze-Stringere	strindzere	s-t-r-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToRub	fregare	f-r-ay-g-ah-r-ay
ToRub-Frictare	frettare	f-r-ay-t-t-ah-r-ay
ToWash	lavare	l-ah-v-ah-r-ay
ToWipe	terdzere	t-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWipe-Exsucare	aŋʃugare	ah-shh-shh-u-g-ah-r-ay
ToPull	tirare	t-e-r-ah-r-ay
ToPull-Pulsare	pulsare	p-u-l-s-ah-r-ay
ToPull-Trahere	trarre	t-r-ah-r-r-ay
ToPush	impindzere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToThrow	dʒettare	VdPalatoAlveolarSibilant-ay-t-t-ah-r-ay
ToThrow-Lanceare	lanʃare	l-ah-n-ts-ah-r-ay
ToThrow-Eruncare	arrontʃare	ah-r-r-oh-n-ts-ah-r-ay
ToTie	legare	l-ay-g-ah-r-ay
ToSew	kufire	k-u-ts-e-r-ay
ToCount	kontare	k-oh-n-t-ah-r-ay
ToCount-Enumerare	enumerare	ay-n-u-m-ay-r-ah-r-ay
ToCount-Numerare	noverare	n-oh-v-ay-r-ah-r-ay
ToSay	dire	d-e-r-ay
ToSay-Exponere	sporre	s-p-oh-r-r-ay
ToSing-AncestralClass	kantare	k-ah-n-t-ah-r-ay
ToPlay-Jiocare	dʒokare	VdPalatoAlveolarSibilant-oh-k-ah-r-ay
ToFloat	fluttuare	f-l-u-t-t-u-ah-r-ay
ToFloat-Fluitare	fluitare	f-l-u-e-t-ah-r-ay
ToFlow	fluire	f-l-u-e-r-ay
ToFlow-Colare	kolare	k-oh-l-ah-r-ay
ToFlow-Excurrere	skorrere	s-k-oh-r-r-ay-r-ay

Appendix 4 - Word Lists by Language

ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze	dɣelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay
ToFreeze-Glaciare	gɟattʃjare	g-jg-ah-t-ts-jg-ah-r-ay
ToSwell	aumentare	au_diphthong-m-ay-n-t-ah-r-ay
ToSwell-Inflare	enfiare	ay-n-f-e-ah-r-ay
ToSwell-Conflare	gonfjare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreʃfjere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Brojan	brufjare	b-r-u-ts-ah-r-ay
ToBurn-Cremare	kremare	k-r-ay-m-ah-r-ay
ToBurn-Flammare	fjammare	f-jg-ah-m-m-ah-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Flagrare	flagrare	f-l-ah-g-r-ah-r-ay
ToBurn-Incendere	inʃɛndjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-AncestralClass8	ustolare	u-s-t-oh-l-ah-r-ay
All	opni	oh-VdPalatalNasal-VdPalatalNasal-e
All-Totus	tutto	t-u-t-t-oh
Many	molto	m-oh-l-t-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alkuno	ah-l-k-u-n-oh
Few	poko	p-euh-k-oh
Other	altro	ah-l-t-r-oh
Big	mapno	m-ah-VdPalatalNasal-VdPalatalNasal-oh
Big-Grandem	grande	g-r-ah-n-d-ay
Long-Longum	lungo	l-u-n-g-oh
Long-Largum	largo	l-ah-r-g-oh
Wide	lato	l-ah-t-oh
Wide-Amplum	ampjo	ah-m-p-jg-oh
Thick	grasso	g-r-ah-s-s-oh
Thick-Spissum	spesso	s-p-ay-s-s-oh
Thick-Grossum	grasso	g-r-euh-s-s-oh
Heavy	greve	g-r-eh-v-ay
Heavy-Lurdus	lordo	l-oh-r-d-oh
Small-Pittinus	pittʃino	p-e-t-ts-e-n-oh
Small-Pitulus	pikkolo	p-e-k-k-oh-l-oh
Short	korto	k-oh-r-t-oh
Short-Brevis	breve	b-r-eh-v-ay
Narrow	angusto	ah-n-g-u-s-t-oh
Narrow-Strictus	stretto	s-t-r-ay-t-t-oh
Thin	minuto	m-e-n-u-t-oh
Thin-Delicatus	delikato	d-ay-l-e-k-ah-t-oh
Thin-Subtilis	sottile	s-oh-t-t-e-l-ay
Warm	kaldo	k-ah-l-d-oh
Cold	freddo	f-r-ay-d-d-oh
Cold-Recens	reʃɛnte	r-ay-ts-eh-n-t-ay
Full	pje:no	p-jg-Eh-n-oh
New	novo	n-euh-v-oh
Old	vekkjo	v-eh-k-k-jg-oh
Good	bwo:no	b-w-LongOpenMidBackRounded-n-oh
Bad	malo	m-ah-l-oh
Rotten	putrido	p-u-t-r-e-d-oh
Dirty	sordido	s-euh-r-d-e-d-oh
Dirty-Spurcus	sporko	s-p-euh-r-k-oh
Straight	dritto	d-r-e-t-t-oh
Round	ritondo	r-e-t-oh-n-d-oh
DullAsAKnife	ɛbete	eh-b-ay-t-ay
DullAsAKnife-Retusus	retuzo	r-ay-t-u-zz-oh
Smooth	soave	s-oh-ah-v-ay

Appendix 4 - Word Lists by Language

Smooth-Nitidus	netto	n-ay-t-t-oh
Wet	umido	u-m-e-d-oh
Dry	sekko	s-ay-k-k-oh
Correct	korretto	k-oh-r-r-ay-t-t-oh
Near	prossimo	p-r-euh-s-s-e-m-oh
Near-Pressus	presso	p-r-eh-s-s-oh
Near-Vicinus	vicino	v-e-ts-e-n-oh
Far	lontano	l-oh-n-t-ah-n-oh
Right-Dextrem	destro	d-eh-s-t-r-oh
Left	sinestro	s-e-n-ay-s-t-r-oh
Red	rosso	r-oh-s-s-oh
Red-Vermiculus	vermicello	v-ay-r-m-e-yuh-yuh-oh
Red-Rubeus	rubbo	r-euh-b-b-jg-oh
Green	verde	v-ay-r-d-ay
Yellow-Croceus	croceo	k-r-oh-ts-ay-oh
White	albo	ah-l-b-oh
One	uno	u-n-oh
Two-Duae	due	d-u-ay
Three	tre	t-r-ay
Four	kwattro	k-w-ah-t-t-r-oh
Five	quinque	ts-e-nya-k-w-ay
Here	kwi	k-w-e
There	la	l-ah
There-Ibi	vi	v-e
Who-Qui	ki	k-e
What	ke	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	kome	k-oh-m-ay
Not	non	n-oh-n
Not-Nec	ne	n-ay
At	a	ah
In-In	in	e-n
With-Cum	kon	k-oh-n
And-Et	e	ay
And-Si	si	s-e
Because-Quod	ke	k-ay

Brazilian Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nɔjs	n-euh-jg-s
YouPlural	vɔjs	v-euh-jg-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-oh-s-ay
Woman	femeɐ	f-ay-m-ay-ahh
Woman-Mulier	mulɐɐ	m-u-yuh-ay-rr
Woman-Domina	donɐ	d-oh-n-ahh
ManHumanBeing	omɛj	oh-m-nasal_diphthong_portuguese1
Child	ifɛjɪ	een-f-ahn-ts-e
Child-Ninnus	nenɛj	n-ay-n-nasal_diphthong_portuguese1
Wife	ispoza	e-s-p-oh-zz-ah
Wife-Mulier	mulɐɐ	m-u-yuh-ay-rr
Husband	maridu	m-ah-er-e-d-u
Husband-Sponsus	ispozu	e-s-p-oh-zz-u
Mother	mɛj	m-nasal_diphthong_portuguese2

Appendix 4 - Word Lists by Language

Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃɐ	b-e-shh-ahh
Fish-Piskem	peɪʃi	p-ej_diphthong-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɐru	p-ah-s-ahh-er-u
Dog	kɛw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛkpeɟi	s-ay-rr-p-ehn-ts-e
Worm	veɾmi	v-ay-rr-m-e
Tree	akvori	ah-rr-v-oh-er-e
Forest	sɛwva	s-eh-w-v-ah
Stick	paw	p-ah-w
Fruit	frutɐ	f-er-u-t-ahh
Seed-Sementis	semɛɟi	s-ay-m-ehn-ts-e
Seed-Granum	grɛw	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh
Leaf-Frondea	frɔsɐ	f-er-on-s-ahh
Root	ɾais	rr-ah-e-s
BarkOfATree	kɔkɟisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔkɟisɐ	k-oh-rr-ts-e-s-ahh
Flower	floɾ	f-l-oh-rr
Grass	ɛkɐ	ay-rr-v-ahh
Grass-Gramen	grɛmɐ	g-er-ahn-m-ahh
Rope-Restis	ɾɛɟi	rr-eh-shh-ts-e
Skin	kodɟiɐ	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peli	p-eh-l-e
Meat	kaɾni	k-ah-rr-n-e
Meat-Vivenda	vivɛda	v-e-v-ehn-d-ah
Blood	sɛgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	graʃɐ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kɔɾnu	k-oh-rr-n-u
Tail	kawdɐ	k-ah-w-d-ahh
Feather-Penna	pɛnɐ	p-ay-n-ahh
Hair	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head	kabɛsɐ	k-ah-b-ay-s-ahh
Head-Testa	tɛstɐ	t-eh-s-t-ahh
Ear	oreʎɐ	oh-er-ay-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth	boɾɐ	b-oh-k-ahh
Tooth	dɛɟi	d-ehn-ts-e
Fingernail	ɟɾɛ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛɾnɐ	p-eh-rr-n-ahh
Knee-Geniculum	zueʎu	gzah-u-ay-yuh-u
Hand	mɛw̃	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛsɐ	p-ahn-s-ahh
Guts	itɾɛɾɐ	een-t-er-ahn-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ɪʃpadwɐ	e-shh-p-ah-d-w-ahh
Breast	seju	s-ej_diphthong-u
Breast-Pectus	pejtu	p-ej_diphthong-t-u

Appendix 4 - Word Lists by Language

Heart	kɔ̃	k-euh-rr
Heart-Anima	awmɐ	ah-w-m-ahh
Liver	figɐdu	f-e-g-ahh-d-u
Sun	sɔw	s-euh-w
Moon	luɐ	l-u-ahh
Star	istrelɐ	e-s-t-er-ay-l-ahh
Water	agwɐ	ah-g-w-ahh
Rain	ʃuvɐ	shh-u-v-ahh
River	flumi	f-l-u-m-e
River-Rivus	ɾiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maɾ	m-ah-rr
Salt	saw	s-ah-w
Stone	sejʃu	s-ej_diphthong-shh-u
Stone-Petra	pedrɐ	p-ay-d-er-ahh
Sand	arejɐ	ah-er-ej_diphthong-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	teɾɐ	t-ay-rr-ahh
Cloud	nuvẽʃ	n-u-v-nasal_diphthong_portuguese1
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kaliʒẽʃ	k-ah-l-e-gzah-nasal_diphthong_portuguese1
Fog-Nebula	nevɔɐ	n-eh-v-w-ahh
Fog-Fumata	fumasɐ	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vẽtu	v-ehn-t-u
Snow	nevɪ	n-eh-v-e
Smoke	fumu	f-u-m-u
Fire-Focus	fogu	f-oh-g-u
Ash-Cinisia	sizeʃ	s-een-zz-ahh-shh
Road	viɐ	v-e-ahh
Road-Strata	istrade	e-s-t-er-ah-d-ahh
Road-Camminus	kamĩɲu	k-ah-m-een-VdPalatalNasal-u
Mountain	mõʃi	m-on-ts-e
Mountain-Montanea	mõteɾɐ	m-on-t-ahn-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diɐ	d-e-ahh
Day-Diurna	ʒɔ̃na	gzah-euh-rr-n-ah
Year	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
Tongue	liɲwɐ	l-een-g-w-ahh
ToDrink	bebeɾ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mẽʒaɾ	m-ahn-gzah-ah-rr
ToBite	moɾdeɾ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musɔga	m-u-s-aah-g-ah
ToSuck	sugaɾ	s-u-g-ah-rr
ToSpit	kuspiɾ	k-u-s-p-e-rr
ToBreathe	ɾespirar	rr-ay-s-p-e-er-ah-er
ToLaugh	ɾiɾ	rr-e-rr
ToSee	veɾ	v-ay-rr
ToHear	owviɾ	oh-w-v-e-rr
ToKnow-Sapere	sabeɾ	s-ah-b-ay-rr
ToKnow-Cognoscere	koɲeseɾ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuʒitaɾ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pẽsaɾ	p-ehn-s-ah-rr
ToSmell-Sentire	sẽʃiɾ	s-ehn-ts-e-rr

Appendix 4 - Word Lists by Language

ToSmell-Fragrare	ʃejraɤ	shh-ej_diphthong-cr-ah-rr
ToFear	temeɤ	t-ay-m-ay-rr
ToFear-Tremere	tremeɤ	t-er-ay-m-ay-rr
ToSleep	doɤmiɤ	d-oh-rr-m-e-rr
ToLive	viveɤ	v-e-v-ay-rr
ToDie	moɤeɤ	m-oh-rr-ay-rr
ToKill-Mactare	mataɤ	m-ah-t-ah-rr
ToFight-Battuere	bateɤ	b-ah-t-ay-rr
ToHunt-Captiare	kasɤ	k-ah-s-ah-rr
ToHit	puʃaɤ	p-u-shh-ah-rr
ToCut	segaɤ	s-ay-g-ah-rr
ToCut-Curtare	koɤtaɤ	k-oh-rr-t-ah-rr
ToCut-Taliare	taʎaɤ	t-ah-yuh-ah-rr
ToSplit	dʒividʒiɤ	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fēdeɤ	f-ehn-d-ay-rr
ToSplit-Partire	paɤʃiɤ	p-ah-rr-ts-e-rr
ToSplit-Separare	separaɤ	s-ay-p-ah-er-ah-rr
ToStab	pūziɤ	p-ooo-gzah-e-rr
ToScratch	kaɤeɤ	rr-ah-ay-rr
ToScratch-Rasare	kaɤaɤ	rr-ah-zz-ah-rr
ToScratch-Rasicare	kaʃkaɤ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	koɤaʎ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	keɤvaɤ	k-ahh-v-ah-rr
ToDig-Excavare	iʃkeɤvaɤ	e-shh-k-ahh-v-ah-rr
ToSwim	naɤaɤ	n-ah-d-ah-rr
ToSwim-Navigare	naviɤaɤ	n-ah-v-eee-juh-ah-rr
ToFly	voaɤ	v-oh-ah-rr
ToWalk	keɤmiɤnaɤ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ēdaɤ	ahn-d-ah-rr
ToCome	viɤ	v-e-rr
ToLieAsInABed	istēdeɤ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ʒeɤzeɤ	gzah-ahh-zz-ay-rr
ToSit	seɤ	s-ay-rr
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	iʃtar	eee-shh-t-ah-er
ToStand-Levare	leɤvaɤ	l-ay-v-ah-rr
ToStand-Altiare	alsaɤ	ah-ssha-s-ah
ToTurnIntransitive	toɤnaɤ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrate	ʒiɤraɤ	gzah-e-cr-ah-er
ToTurnIntransitive-AncestralClass3	viɤraɤ	v-e-cr-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	keɤiɤ	k-ahh-e-cr
ToFall-Tumbare	tōbaɤ	t-on-b-ah-rr
ToGive	daɤ	d-ah-rr
ToGive-Donare	doaɤ	d-oh-ah
ToHold	teɤ	t-ay-rr
ToHold-Segurar	siɤguraɤ	s-eee-g-u-cr-ah-rr
ToSqueeze	iʃpɤmeɤ	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	seɤraɤ	s-ay-rr-ah
ToSqueeze-Serare	siɤraɤ	s-eee-rr-ah-er
ToSqueeze-Appetorare	epiɤtar	ahh-p-eee-cr-t-ah-er
ToSqueeze-Stringere	əʃtriɤʒiɤ	aah-shh-t-r-eeen-gzah-e-r
ToRub-Exfricare	iʃfriɤgaɤ	eee-shh-f-er-eee-g-ah-er
ToWash	leɤvaɤ	l-ahh-v-ah-er
ToWipe-Exsucare	ēʃugaɤ	ehn-shh-u-g-ah-er
ToWipe-Limpidare	liɤpaɤ	l-eeen-p-ah-er
ToPull	ʃiɤraɤ	ts-e-cr-ah

Appendix 4 - Word Lists by Language

ToPull-Pulsare	puʃar	p-u-shh-ah-er
ToPull-Trahare	traze	t-er-ah-zz-ay
ToThrow	zejtar	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	l̥esa	l-ahn-s-ah
ToTie-Aptare	ɐtar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kōtar	k-on-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	k̥etar	k-ahn-t-ah-er
ToPlay-Jiocare	ʒogaɐ	gzah-oh-g-ah-rr
ToFloat	flutuaɐ	f-l-u-t-u-ah-rr
ToFlow	flwiɐ	f-l-w-e-rr
ToFlow-Colare	koɐ	k-oh-ah-rr
ToFlow-Excurrere	ijkoɐɐ	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	koɐɐ	k-oh-rr-ay-rr
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	augmentar	au_diphthong-g-m-ay-n-t-ah-er
ToSwell-Inflare	ĩfar	een-shh-ah-er
ToSwell-Intumescere	ĩtumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kresɐɐ	k-er-ay-s-ay-rr
ToBurn-Cremare	kejmare	k-diphthong_portuguese-m-ah-er-ay
ToBurn-Ardere	aɐdeɐ	ah-rr-d-ay-rr
ToBurn-Flagrare	flagɐɐ	f-l-ah-g-rr-ah-rr
ToBurn-Incendere	ĩsendʒiar	een-s-ay-n-VdPalatoAlveolarSibilant-NearCloseFrontUnrounded-ah-er
All-Totus	todu	t-oh-d-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	t̥etu	t-ahn-t-u
Some	awgũ	ah-w-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aw	ah-w
Big-Grandem	gr̥ɛdʒi	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lõgu	l-on-g-u
Long-Largum	laɐgu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ẽʃu	ahn-shh-u
Thick-Spissum	ispesu	e-s-p-eh-s-u
Thick-Grossum	grosu	g-er-oh-s-u
Heavy	gravi	g-er-ah-v-e
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekenu	p-ay-k-ay-n-u
Short	kugtu	k-u-rr-t-u
Short-Brevis	br̥evi	b-er-eh-v-e
Narrow-Strictus	istrejt̥u	e-s-t-er-ej_diphthong-t-u
Thin	miudu	m-e-u-d-u
Thin-Delicatus	dewgadu	d-ay-w-g-ah-d-u
Thin-Subtilis	suʃiɐw	s-u-ts-e-w
Warm	kawdu	k-ah-w-d-u
Cold	friu	f-er-e-u
Cold-Recens	ɐsẽʃi	rr-ay-s-ehn-ts-e
Full	ʃɛju	shh-diphthong_portuguese-u
New	novu	n-oh-v-u
Old	vɛjɫu	v-diphthong_portuguese-yuh-u
Good	bõ	b-on
Bad	maw	m-ah-w
Rotten-Putrem	podri	p-oh-d-er-e

Appendix 4 - Word Lists by Language

Dirty	sordidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ispurku	e-s-p-u-er-k-u
Straight	dʒirejtu	VdPalatoAlveolarSibilant-e-er-ej_diphthong-t-u
Round	ʁedôdu	rr-ay-d-on-d-u
Smooth-Nitidus	nedʒu	n-eh-VdPalatoAlveolarSibilant-u
Dry	seku	s-ay-k-u
Near	prosimu	p-er-oh-s-e-m-u
Near-Vicinus	viziju	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	destru	d-eh-s-t-er-u
Left	seftu	s-eh-shh-t-er-u
Red	ʁoʃu	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	veʁmeʎu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɐmarelu	ahh-m-ah-er-eh-l-u
White	awvu	ah-w-v-u
One	ũ	ooo
Two-Duos	dojs	d-oj_diphthong-s
Two-Duas	dues	d-u-ahh-s
Three	tres	t-er-ay-s
Four	kwatru	k-w-ah-t-er-u
Five	sĩku	s-een-k-u
Here	aki	ah-k-e
There	la	l-ah
There-Adlbi	ai	ah-e
Who-Quem	kẽj	k-nasal_diphthong_portuguese1
What	ki	k-e
When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw	n-au_diphthong_nasal
Not-Nec	nẽj	n-nasal_diphthong_portuguese1
At	a	ah
In-In	ẽj	nasal_diphthong_portuguese1
With-Cum	kõ	k-on
And-Et	i	e
And-Si	sĩ	s-een
Because-Quod	ki	k-e

Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nɔʃ	n-euh-shh
YouPlural	voʃ	v-oh-shh
YouSingular	tu	t-u
YouSingular-VostramMercedem	vɔse	v-euh-s-ay
Woman	femjɐ	f-ay-m-jg-ahh
Woman-Mulier	muʎer	m-u-yuh-ay-er
Woman-Domina	done	d-oh-n-ahh
ManHumanBeing	ɔmẽj	euh-m-nasal_diphthong_portuguese1
Child	ifeti	een-f-ahn-t-eee
Child-Ninnus	nenẽj	n-ay-n-nasal_diphthong_portuguese1
Wife	ifpozɐ	eee-shh-p-oh-zz-ahh
Wife-Mulier	muʎer	m-u-yuh-ay-er
Husband	mɐriðu	m-ahh-er-e-dd-u
Husband-Sponsus	ifpozu	eee-shh-p-oh-zz-u

Appendix 4 - Word Lists by Language

Mother	mēj	m-nasal_diphthong_portuguese2
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bijē	b-e-shh-ahh
Fish-Piskem	pējfi	p-diphthong_portuguese-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasēru	p-ah-s-ahh-er-u
Dog	kēw	k-au_diphthong_nasal
Louse	pioļu	p-e-oh-yuh-u
Snake	sirpēti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	seļve	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frute	f-er-u-t-ahh
Seed-Sementis	simēti	s-eee-m-ehn-t-eee
Seed-Granum	grēw	g-er-au_diphthong_nasal
Leaf	foļe	f-oh-yuh-ahh
Leaf-Frondea	frōse	f-er-on-s-ahh
Root	ķeif	rr-ahh-e-shh
BarkOfATree	kōrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtise	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	erve	eh-er-v-ahh
Grass-Gramen	grēmē	g-er-ahh-m-ahh
Rope-Restis	ķeifti	rr-ay-shh-t-eee
Skin	kodiē	k-oh-d-e-ahh
Skin-Pellis	pelī	p-ay-l-eee
Meat	karni	k-ah-er-n-eee
Meat-Vivenda	vivēde	v-e-v-ehn-d-ahh
Blood	sēgi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun-Crassia	grafe	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kornu	k-oh-er-n-u
Tail	kawde	k-ah-w-d-ahh
Feather-Penna	pene	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	ķēβelu	k-ahh-bb-ay-l-u
Head	ķēβese	k-ahh-bb-ay-s-ahh
Head-Testa	tēfte	t-eh-shh-t-ahh
Ear	orejāve	oh-er-diphthong_portuguese-yuh-ahh
Eye	oļu	oh-yuh-u
Nose-Nares	nērif	n-ahh-er-e-shh
Mouth	boke	b-oh-k-ahh
Tooth	dēti	d-ehn-t-eee
Fingernail	upē	u-VdPalatalNasal-ahh
Foot	pē	p-eh
Leg-Perna	pēmē	p-eh-er-n-ahh
Knee-Geniculum	zvēļu	gzah-w-ahh-yuh-u
Hand	mēw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pēse	p-ahn-s-ahh
Guts	ētrepe	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	kōlu	k-euh-l-u
Back-Spatula	ifpadvē	e-shh-p-ah-d-w-ahh
Breast	seju	s-diphthong_portuguese-u

Appendix 4 - Word Lists by Language

Breast-Pectus	pejtu	p-diphthong_portuguese-t-u
Heart	kor	k-oh-er
Heart-Anima	almæ	ah-l-m-ahh
Liver	fiyæðu	f-e-juh-ahh-dd-u
Sun	sɔl	s-euh-ssha
Moon	luæ	l-u-ahh
Star	iftrælæ	eee-shh-t-er-ay-l-ahh
Water	agwæ	ah-g-w-ahh
Rain	fuve	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	riu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sejfu	s-diphthong_portuguese-shh-u
Stone-Petra	peðræ	p-eh-dd-er-ahh
Sand	eræjæ	ahh-er-diphthong_portuguese-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	teæ	t-eh-rr-ahh
Cloud	nuvẽj	n-u-v-nasal_diphthong_portuguese2
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	keli3ẽj	k-ahh-l-e-gzah-nasal_diphthong_portuguese2
Fog-Nebula	nevwe	n-eh-v-w-ahh
Fog-Tenebras	trevef	t-er-eh-v-ahh-shh
Fog-Fumata	fumasæ	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vētu	v-ehn-t-u
Snow	nevi	n-eh-v-eee
Smoke	fumu	f-u-m-u
Fire-Focus	foyu	f-oh-juh-u
Ash-Cinisia	sĩzẽf	s-een-zz-ahh-shh
Road	vie	v-e-ahh
Road-Strata	iftraðæ	e-shh-t-er-ah-dd-ahh
Road-Camminus	kemiju	k-ahh-m-e-VdPalatalNasal-u
Mountain	mōti	m-on-t-eee
Mountain-Montanea	mōtɛpæ	m-on-t-ahh-VdPalatalNasal-ahh
Night	nojtɪ	n-oj_diphthong-t-eee
Day	diæ	d-e-ahh
Day-Diurna	zɔna	gzah-euh-rr-n-ah
Year	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
Tongue	liɣwæ	l-een-g-w-ahh
ToDrink	biβer	b-eee-bb-ay-er
ToEat	kumer	k-u-m-ay-er
ToEat-Manducare	mẽzar	m-ahn-gzah-ah-er
ToBite	murðer	m-u-er-dd-ay-er
ToBite-Morsicare	musəgar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	kufpir	k-u-shh-p-e-er
ToBreathe	ɤifpirar	rr-eee-shh-p-e-cr-ah-er
ToLaugh	ɤir	rr-e-er
ToSee	ver	v-ay-er
ToHear	owvir	oh-w-v-e-er
ToKnow-Sapere	səber	s-ahh-b-ay-er
ToKnow-Cognoscere	kupiser	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	kuzitar	k-u-gzah-e-t-ah-er

Appendix 4 - Word Lists by Language

ToThink-Pensare	pēsar	p-ehn-s-ah-er
ToSmell-Sentire	sētir	s-ehn-t-e-er
ToSmell-Fragrare	fějrar	shh-diphthong_portuguese-er-ah-er
ToFear	tímer	t-eee-m-ay-er
ToFear-Tremere	trimer	t-er-eee-m-ay-er
ToSleep	durmir	d-u-er-m-e-er
ToLive	viver	v-e-v-ay-er
ToDie	múxer	m-u-rr-ay-er
ToKill-Mactare	metar	m-ahh-t-ah-er
ToFight-Battuere	beter	b-ahh-t-ay-er
ToHunt-Captiare	késar	k-ahh-s-ah-er
ToHit	puřar	p-u-shh-ah-er
ToCut	siřar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	teřar	t-ahh-yuh-ah-er
ToSplit	diviđir	d-e-v-e-dd-e-er
ToSplit-Findere	fēder	f-ehn-d-ay-er
ToSplit-Partire	pértir	p-ahh-er-t-e-er
ToSplit-Separare	sipėrar	s-eee-p-ahh-er-ah-er
ToStab	pūřir	p-ooo-gzah-e-er
ToScratch	ķėer	rr-ahh-ay-er
ToScratch-Rasare	ķėzar	rr-ahh-zz-ah-er
ToScratch-Rasicare	ķęřkar	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	ķėvar	k-ahh-v-ah-er
ToDig-Excavare	iřķėvar	e-shh-k-ahh-v-ah-er
ToSwim	nėđar	n-ahh-dd-ah-er
ToSwim-Navigare	nėviřar	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er
ToWalk	ķėmijar	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ēdar	ahn-d-ah-er
ToCome	vir	v-e-er
ToLieAsInABed	iřtēder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zėzer	gzah-ahh-zz-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	iřtar	eee-shh-t-ah-er
ToStand-Levare	livar	l-eee-v-ah-er
ToStand-Altiare	alsar	ah-ssha-s-ah-er
ToTurnIntransitive	turnar	t-u-er-n-ah-er
ToTurnIntransitive-Gyrate	řirar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	řirar	gzah-e-er-ah-er
ToTurnIntransitive-Torque	turser	t-u-r-s-ay-r
ToFall	ķėir	k-ahh-e-er
ToFall-Tumbare	tōbar	t-on-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	duar	d-u-ah-er
ToHold	ter	t-ay-er
ToHold-Segurar	siřurar	s-eee-juh-u-er-ah-er
ToSqueeze	iřprėmer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sėrar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sıřar	s-eee-rr-ah-er
ToSqueeze-Appetorare	ėpirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	ąřtrıřir	aah-shh-t-r-eeen-gzah-e-r
ToRub-Exfricare	iřfrıřar	eee-shh-f-er-eee-juh-ah-er
ToWash	lēvar	l-ahh-v-ah-er
ToWipe-Exsucare	ēřuřar	ehn-shh-u-juh-ah-er

Appendix 4 - Word Lists by Language

ToWipe-Limpidare	līpar	l-eeen-p-ah-er
ToPull	tīrar	t-e-er-ah-er
ToPull-Pulsare	pufar	p-u-shh-ah-er
ToPull-Trahare	trēzer	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	lēsar	l-ahn-s-ah-er
ToTie-Aptare	ētar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kōtar	k-on-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kētar	k-ahn-t-ah-er
ToPlay-Jiocare	zuyar	gzah-u-juh-ah-er
ToFloat	flutuar	f-l-u-t-u-ah-er
ToFlow	flwir	f-l-w-e-er
ToFlow-Colare	kuar	k-u-ah-er
ToFlow-Excurrere	ij kurer	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kuxer	k-u-rr-ay-er
ToFreeze	zilar	gzah-ccc-l-ah-er
ToSwell	augmentar	au_diphthong-g-m-ay-n-t-ah-er
ToSwell-Inflate	ījar	een-shh-ah-er
ToSwell-Intumescere	ītumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriřser	k-er-ccc-shh-s-ay-er
ToBurn-Cremare	kejmaæ	k-ej_diphthong-m-ah-rr-ay
ToBurn-Ardere	erder	ahh-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	īsēdjar	een-s-ehn-d-jg-ah-er
All-Totus	toðu	t-oh-dd-u
Many	mūjtu	m-ooo-jn-t-u
Many-Tantus	tētu	t-ahn-t-u
Some	atqū	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	ał	ah-ssha
Big-Grandem	grēdi	g-er-ahn-d-eee
Long-Longum	lōgu	l-on-g-u
Long-Largum	largu	l-ah-er-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ēřu	ahn-shh-u
Thick	grařu	g-er-ah-shh-u
Thick-Spissum	įřpesu	e-shh-p-ay-s-u
Thick-Grossum	grosu	g-er-oh-s-u
Heavy	gravi	g-er-ah-v-eee
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pikenu	p-eee-k-ay-n-u
Short	kurtu	k-u-er-t-u
Short-Brevis	brevi	b-er-eh-v-eee
Narrow-Strictus	įřtrējtu	eee-shh-t-er-diphthong_portuguese-t-u
Thin	miuðu	m-e-u-dd-u
Thin-Delicatus	deřyaðu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	suřřiw	s-u-ts-e-w
Warm	kaldu	k-ah-l-d-u
Cold	friu	f-er-e-u
Cold-Recens	æesēřři	rr-ay-s-ehn-ts-e
Full	řeju	shh-diphthong_portuguese-u
New	novu	n-oh-v-u
Old	veřu	v-ay-yuh-u

Appendix 4 - Word Lists by Language

Good	bō	b-on
Bad	maw	m-ah-w
Rotten-Putrem	poðri	p-oh-dd-er-eee
Dirty	sərdidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ɪʃpurku	e-shh-p-u-er-k-u
Straight	dirɛjtu	d-e-er-diphthong_portuguese-t-u
Round	ʁidōdu	rr-eee-d-on-d-u
SharpAsAKnife	ɐʝuðu	ahh-juh-u-dd-u
Smooth-Nitidus	nɛdʒu	n-eh-VdPalatoAlveolarSibilant-u
Dry	seku	s-ay-k-u
Near	prosimu	p-er-oh-s-e-m-u
Near-Vicinus	viziɲu	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	dɛʃtru	d-eh-shh-t-er-u
Left	sɛʃtru	s-eh-shh-t-er-u
Red	ʁoʃu	rr-oh-shh-u
Red-Vermiculus	viɾmɐjɫu	v-eee-er-m-diphthong_portuguese-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɐmɐɾɛlu	ahh-m-ahh-er-eh-l-u
White	alvu	ah-l-v-u
One	ũ	ooo
Two-Duos	dojʃ	d-oj_diphthong-shh
Two-Duas	duɐʃ	d-u-ahh-shh
Three	trejʃ	t-er-ay-shh
Four	kwatru	k-w-ah-t-er-u
Five	sĩku	s-een-k-u
Here	ɛki	ahh-k-e
There	la	l-ah
There-Adlbi	ɛi	ahh-e
Who-Quem	kɛj	k-nasal_diphthong_portuguese2
What	ki	k-eee
When-Quando	kwɛ̃du	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nɛ̃w	n-au_diphthong_nasal
Not-Nec	nɛ̃j	n-nasal_diphthong_portuguese2
At	ɐ	ahh
In-In	ɛj	nasal_diphthong_portuguese2
With-Cum	kō	k-on
And-Et	i	e
And-Si	sĩ	s-een
Because-Quod	ki	k-eee

Catalan

Cognate	IPA	Sounds
I	ʒo	gzah-euh
YouPlural	bus	b-u-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	voste	v-oh-s-t-ay
Woman	fembra	f-ay-m-b-er-ah
Woman-Mulier	muʎe	m-u-yuh-ay
Woman-Domina	dɔnə	d-euh-n-aah
ManHumanBeing	ɔmə	euh-m-aah
Child-Ninnus	nen	n-ay-n
Wife	əspɔzə	aah-s-p-euh-zz-aah
Wife-Mulier	muʎe	m-u-yuh-ay

Appendix 4 - Word Lists by Language

Husband	marit	m-ah-er-e-t
Husband-Sponsus	æspəs	aah-s-p-euh-s
Mother	marə	m-ah-er-aah
Father	parə	p-ah-er-aah
Fish-Piskem	peʃ	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Avicellum	useʌ	u-s-ay-yuh
Dog	ka	k-ah
Louse	poʌ	p-oh-yuh
Snake	sərpen	s-aah-r-p-ay-n
Worm	vərɪm	v-eh-er-m
Tree	abrə	ah-b-er-aah
Forest	selba	s-ay-l-b-ah
Stick	pal	p-ah-l
Fruit	frujt	f-er-u-jg-t
Seed-Sementis	səmen	s-aah-m-ay-n
Seed-Granum	gra	g-er-ah
Leaf	fuʌə	f-u-yuh-aah
Root	ərel	aah-r-eh-l
BarkOfATree-Skortea	æskørsə	aah-s-k-euh-r-s-aah
Flower	flə	f-l-euh
Grass	erbə	ay-r-b-aah
Grass-Gramen	gram	g-er-ah-m
Skin	konnə	k-oh-n-n-aah
Skin-Pellis	peʌ	p-ay-yuh
Meat	karn	k-ah-r-n
Blood	saŋ	s-ah-nya
Bone	əs	euh-s
FatNoun-Crassia	greʃ	g-er-ay-shh
Egg	əw	euh-w
Horn	kørn	k-euh-r-n
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	peɲə	p-eh-VdPalatalNasal-aah
Hair	pəl	p-eh-l
Hair-Capillus	kəbeʌ	k-aah-b-eh-yuh
Head	kap	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	ureʌə	u-er-eh-yuh-aah
Nose	nas	n-ah-s
Nose-Nares	na:ris	n-A-r-NearCloseFrontUnrounded-s
Mouth	bokə	b-oh-k-aah
Mouth-Gula	golə	g-oh-l-aah
Foot	pɛw	p-eh-w
Leg-Gamba	kambə	k-ah-m-b-aah
Leg-Perna	pɛrnə	p-eh-r-n-aah
Knee-Geniculum	ʒənoʌ	gzah-aah-n-oh-yuh
Wing	alə	ah-l-aah
Belly	bentrə	b-ay-n-t-er-aah
Belly-Pantex	paɲʃə	p-ah-VdPalatalNasal-shh-aah
Guts	əntrapə	aah-n-t-er-ah-VdPalatalNasal-aah
Neck	kɔʌ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaʌʌə	aah-s-p-ah-yuh-yuh-aah
Breast	si	s-e
Breast-Pectus	pit	p-e-t
Heart	kør	k-euh-r

Appendix 4 - Word Lists by Language

Liver	fedʒə	f-ay-VdPalatoAlveolarSibilant-aah
Sun	səl	s-euh-l
Moon	ʎunə	yuh-u-n-aah
Star	əstel	aah-s-t-eh-l
Water	ajɣwə	aj_diphthong-juh-w-aah
Rain	pluzə	p-l-u-gzah-aah
River-Rivus	riw	r-e-w
Lake	ʎak	yuh-ah-k
Sea	mar	m-ah-r
Salt	sal	s-ah-l
Stone-Petra	peðrə	p-ay-dd-er-aah
Sand	ərenə	aah-er-ay-n-aah
Sand-Sabulum	sorə	s-oh-r-aah
Dust-Pulwus	pols	p-oh-l-s
Earth	terə	t-eh-r-aah
Cloud-Secondary	nuβuʎ	n-u-bb-u-ssha
Fog-Nebula	newlə	n-ay-w-l-aah
Fog-Tenebras	tənebrəs	t-aah-n-ay-b-er-aah-s
Sky	səl	s-eh-l
Wind	ben	b-ay-n
Snow	new	n-ay-w
Ice	ʒet	gzah-eh-ssha
Ice-Glacies	glas	g-l-ah-s
Smoke	fum	f-u-m
Fire-Focus	fək	f-euh-k
Ash	sendrə	s-eh-n-d-r-aah
Road	biə	b-e-aah
Road-Camminus	kəmi	k-aah-m-e
Mountain	mun	m-u-n
Mountain-Montanea	muntəpə	m-u-n-t-ah-VdPalatalNasal-aah
Night	nit	n-e-t
Day	diə	d-e-aah
Day-Diurnus	ʒorn	gzah-oh-er-n
Year	aj	ah-VdPalatalNasal
Name-Nomen	nəm	n-euh-m
ToDrink	bewrə	b-eh-w-er-aah
ToEat-Manducare	məpʒa	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəʒa	m-u-s-aah-juh-ah
ToSpit-Exconspuere	əskupi	aah-s-k-u-p-e
ToBreathe	rəspira	r-aah-s-p-e-er-ah
ToLaugh	riwrə	r-e-w-er-aah
ToSee	bewrə	b-eh-w-er-aah
ToHear	ui	u-e
ToKnow-Sapere	səʒe	s-aah-bb-eh
ToKnow-Cognoscere	kunɛʒə	k-u-n-eh-shh-aah
ToThink	kujda	k-u-jg-d-ah
ToThink-Pensare	pənsa	p-aah-n-s-ah
ToSmell-Sentire	sənti	s-aah-n-t-e
ToSmell-Olere	ulura	u-l-u-er-ah
ToSmell-Fragrare	fləʒra	f-l-aah-jg-er-ah
ToFear	temə	t-ay-m-aah
ToSleep	durmi	d-u-r-m-e
ToLive	biwrə	b-e-w-er-aah
ToDie	muri	m-u-er-e
ToKill	nəga	n-aah-g-ah
ToKill-Mactare	məta	m-aah-t-ah
ToKill-Occidere	uksi	u-k-s-e

Appendix 4 - Word Lists by Language

ToFight	pupa	p-u-VdPalatalNasal-ah
ToFight-Battuer	batra	b-ah-t-er-aah
ToHunt-Captiare	kasa	k-aah-s-ah
ToCut	saya	s-aah-juh-ah
ToCut-Taliare	tafa	t-aah-yuh-ah
ToSplit	dibidi	d-e-b-e-d-e
ToSplit-Findere	fendra	f-eh-n-d-er-aah
ToSplit-Partire	perti	p-aah-r-t-e
ToSplit-Separare	sapara	s-aah-p-aah-er-ah
ToStab	pupi	p-u-VdPalatalNasal-e
ToScratch	rawra	r-ah-w-er-aah
ToScratch-Rasare	raza	r-aah-zz-ah
ToScratch-Rasicare	raska	r-aah-s-k-ah
ToDig-Cavare	kaba	k-aah-b-ah
ToSwim	nada	n-aah-d-ah
ToSwim-Navigare	nabaga	n-aah-b-aah-g-ah
ToFly	bula	b-u-l-ah
ToWalk	kamina	k-aah-m-e-n-ah
ToCome	bani	b-aah-n-e
ToLieAsInABed	astendra	aah-s-t-ay-n-d-er-aah
ToLieAsInABed-lacere	zawra	gzah-ah-w-er-aah
ToStand	asta	aah-s-t-ah
ToStand-Levare	laba	yuh-aah-b-ah
ToStand-Altiare	alsa	aah-l-s-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Gyrare	zira	gzah-e-er-ah
ToTurnIntransitive-AncestralClass3	bira	b-e-er-ah
ToTurnIntransitive-Torque	torsa	t-euh-r-s-aah
ToFall	kawra	k-ah-w-r-aah
ToFall-Tumbare	tumba	t-u-m-b-ah
ToGive	dar	d-ah-r
ToGive-Donare	duna	d-u-n-ah
ToHold	tani	t-aah-n-e
ToSqueeze	aprema	aah-s-p-er-ay-m-aah
ToSqueeze-Serrere	sara	s-aah-r-ah
ToSqueeze-Stringere	astrepa	aah-s-t-er-eh-VdPalatalNasal-aah
ToRub	raga	f-er-aah-g-ah
ToRub-Frictiare	rasa	f-er-aah-s-ah
ToWash	laba	yuh-aah-b-ah
ToWipe-Extergere	astarzi	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	afuga	aah-shh-u-g-ah
ToPull	tira	t-e-er-ah
ToPull-Trahere	trawra	t-er-eh-w-er-aah
ToPush	ampepa	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	lansa	yuh-aah-n-s-ah
ToTie	liya	yuh-e-juh-ah
ToSew	kuzi	k-u-zz-e
ToCount	kumta	k-u-m-t-ah
ToCount-Enumerare	enumera	ay-n-u-m-ay-er-ah
ToCount-Numerare	numera	n-u-m-ay-er-ah
ToSay	di	d-e
ToSing-AncestralClass	kanta	k-aah-n-t-ah
ToPlay-Jiocare	zuga	gzah-u-g-ah
ToFloat	fluktua	f-l-u-k-t-u-ah
ToFlow	flui	f-l-u-e
ToFlow-Colare	kula	k-u-ssha-ah

Appendix 4 - Word Lists by Language

ToFlow-Excurrere	æskorə	aah-s-k-oh-r-aah
ToFlow-Currere	korə	k-oh-r-aah
ToFreeze	ʒəla	gzah-aah-l-ah
ToFreeze-Glaciare	gləsa	g-l-aah-s-ah
ToSwell	augmenta	ah-u-g-m-ay-n-t-ah
ToSwell-Inflare	imfla	e-m-f-l-ah
ToSwell-Crescere	kreʃə	k-er-ay-shh-aah
ToBurn-Cremare	krəma	k-r-aah-m-ah
ToBurn-Flammare	flama	f-ssha-ah-m-ah
ToBurn-Incendere	ənsendrə	aah-n-s-ay-n-d-er-aah
All-Totus	tot	t-oh-t
Many	mol	m-oh-l
Many-Tantus	tant	t-ah-n-t
Some	əlgʊ	aah-l-g-u
Few	pək	p-euh-k
Other	altɹə	ah-l-t-er-aah
Big-Grandem	gran	g-r-ah-n
Long-Longum	ʎoŋ	yuh-oh-nya
Long-Largum	ʎark	yuh-ah-er-k
Wide-Amplum	amplə	ah-m-p-l-aah
Thick	gras	g-er-ah-s
Thick-Spissum	əspəs	aah-s-p-eh-s
Thick-Grossum	grəs	g-er-euh-s
Heavy	grew	g-er-ay-w
Small	pətit	p-aah-t-e-t
Short	kurt	k-u-er-t
Short-Brevis	brew	b-er-ay-w
Narrow-Strictus	əstrət	aah-s-t-er-eh-t
Thin	mənut	m-aah-n-u-t
Thin-Delicatus	dəlikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Warm	kaɫ	k-ah-ssha
Cold	fɹət	f-er-eh-t
Full	pɹɛ	p-ssha-eh
New	nəw	n-euh-w
Old	veɔ	v-ay-yuh
Good	bən	b-euh-n
Bad	mal	m-ah-l
Rotten	puðrit	p-u-dd-er-e-t
Straight	drɛt	d-er-eh-t
Round	rədo	r-aah-d-oh
SharpAsAKnife	əgut	aah-g-u-t
Smooth	suaw	s-u-ah-w
Smooth-Nitidus	net	n-eh-t
Dry	sɛk	s-eh-k
Near	proizme	p-er-oh-e-zz-m-ay
Near-AdPrope	əprəp	aah-p-er-euh-p
Near-Vicinus	bəi	b-aah-e
Far	ʎunta	yuh-u-n-t-ah
Right-Dextrem	destrə	d-ay-s-t-er-aah
Red	ros	r-oh-s
Red-Vermiculus	bərmɛɔ	b-aah-r-m-eh-yuh
Red-Rubeus	rudʒe	r-u-VdPalatoAlveolarSibilant-ay
Green	vert	v-eh-er-t
Yellow-Croceus	grək	g-er-euh-k
White	alb	ah-l-b
One	un	u-n

Appendix 4 - Word Lists by Language

Two-Duos	dos	d-oh-s
Three	tɹɛs	t-r-eh-s
Four	kwaɾə	k-w-ah-t-er-aah
Five	siŋk	s-e-nya-k
Here	aki	ah-k-e
There	əɫa	aah-yuh-ah
Who-Qui	ki	k-e
What	kɛ	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	kɔm	k-euh-m
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	ən	aah-n
In-Deintus	dins	d-e-n-s
And-Et	i	e
And-Si	si	s-e
Because-Quod	kə	k-aah

Walloon

Cognate	IPA	Sounds
I	dʒɪ	VdPalatoAlveolarSibilant-NearCloseFrontUnrounded
We	no	n-oh
YouPlural	vos	v-oh-s
YouSingular	ty	t-eeh
Woman	fœm	f-OpenMidNearFrontRounded-m
Woman-Domina	dœm	d-OpenMidNearFrontRounded-m
ManHumanBeing	ɔm	euh-m
Child	ɛfã	eh-f-Nasala
Mother	mɛr	m-ay-VIUvularTrill
Father	pɛ:r	p-Eh-r
Fish-Pescion	pehð	p-eh-h-on
Bird-Avicellum	u:hɛ:	U-h-Eh
Dog	ʧɛ	ts-ehn
Louse	pju	p-jg-u
Snake	sjeɾpɛ	s-jg-eh-rr-p-ehn
Worm	vjeɾ	v-jg-eh-VIUvularTrill
Tree	o:b	O-b
Fruit	fɾy	f-VIUvularTrill-eeh
Seed-Sementis	simɛs	s-e-m-ehn-s
Seed-Granum	grin	g-r-e-n
Leaf	fɔj	f-euh-jg
Root-Radicina	ɾɛsɛn	VIUvularTrill-eh-s-eh-n
BarkOfATree-Skortea	skwas	s-k-w-ah-s
Flower	flø:ɾ	f-l-o-rr
Grass	jɛp	jg-eh-p
Skin-Pellis	pja	p-jg-ah
Meat	ʧo:	ts-LongOpenMidBackRounded
Blood	sõ:g	s-LongCloseMidBackRoundedNasal-g
Bone	ɔʃ	euh-shh
FatNoun-Crassia	krɔ:ç	k-VIUvularTrill-LongOpenMidBackRounded-sh
Egg	u:	U
Horn	kwen	k-w-eh-n
Tail	kɔw	k-euh-w
Feather	plɔm	p-l-euh-m

Appendix 4 - Word Lists by Language

Feather-Penna	pen	p-ay-n
Hair-Capillus	ʃivja	ts-e-v-jg-ah
Head-Testa	ʃes	ts-eh-s
Ear	ɔraj	euh-VIUvularTrill-aj_diphthong
Eye	u:j	U-jg
Nose	ne	n-ay
Mouth	bɔk	b-euh-k
Mouth-Gula	gø:j	g-o-jg
Tooth	dē	d-ehn
Fingernail	ōg	on-g
Foot	pi:	p-E
Leg-Gamba	ɖʒāp	VdPalatoAlveolarSibilant-an-p
Knee-Geniculum	ɖʒino	VdPalatoAlveolarSibilant-e-n-euh
Hand	mē	m-ehn
Wing	el	ay-l
Belly	vēt	v-ehnn-t
Belly-Pantex	pās	p-an-s
Back	dɔ	d-euh
Back-Spatula	spal	s-p-ah-l
Heart	ku:ʁ	k-U-rr
Heart-Anima	ɔ:m	LongOpenMidBackRounded-m
Liver	fø:t	f-o-t
Sun	solo	s-euh-l-euh
Moon	løn	l-uu-n
Star	stø:l	s-t-o-l
Water	ɛ:w	Eh-w
Rain	plu:ʁ	p-l-U-rr
River-Riparia	rivi:ʁ	r-e-v-E-rr
Lake	lak	l-ah-k
Sea	meʁ	m-ay-rr
Salt	se	s-ay
Stone-Petra	pi:ʁ	p-E-rr
Sand-Sabulum	so:vjō	s-O-v-jg-on
Earth	tɛ:ʁ	t-Eh-rr
Sky	si:ʁ	s-E-rr
Wind	vē	v-ehn
Snow	ni:f	n-E-f
Ice-Glacies	glɛs	g-l-eh-s
Fire-Focus	fø:	f-o
Ash	sē:d	s-LongNasalE-d
Mountain-Montanea	mōtəɲ	m-on-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	ɖɥu:	VdPalatoAlveolarSibilant-U
Day-Diurnus	ɖɥu:	VdPalatoAlveolarSibilant-U
Year	ā	NasalA
Name-Nomen	nō	n-on
Tongue	lēu	l-eu_nasalized_diphthong
ToDrink	bø:ʁ	b-o-rr
ToEat-Manducare	maɲi:	m-ah-VdPalatalNasal-E
ToSuck	sysi:	s-eeh-s-E
ToVomit	vo:mi	v-O-m-e
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ʁi:ʁ	rr-E-rr
ToSee	vi:ʀ	v-E-VIUvularTrill
ToHear	ōʀ	on-VIUvularTrill
ToKnow-Sapere	savø:ʀ	s-ah-v-o-VIUvularTrill
ToKnow-Cognoscere	kinɔh	k-e-n-euh-h

Appendix 4 - Word Lists by Language

ToThink-Pensare	pɛsɛ	p-ehnn-s-ay
ToSmell-Sentire	seti	s-ehnn-t-e
ToSleep	dwaɣmi	d-w-ah-rr-m-e
ToDie	mɔri	m-euh-VIUvularTrill-e
ToKill-Tutari	tuwe	t-u-w-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHunt-Captiare	ʃɛsi:	ts-eh-s-E
ToCut-Taliare	tɛji:	t-eh-jg-E
ToSplit-Findere	fɛt	f-ehnn-t
ToSplit-Partire	pɔ:rti	p-LongOpenMidBackRounded-VIUvularTrill-t-e
ToSwim-Navigare	nɛdʒi:	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vɔle	v-euh-l-ay
ToWalk	ʃimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:ɾʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-lacere	dʒere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	ɛs	eh-s
ToStand-Levare	lɔve	l-aah-v-ay
ToStand-Altiare	hɔ:si:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:rne	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	viɛ	v-e-rr-ay
ToFall	ʃɛ:r	ts-Eh-VIUvularTrill
ToFall-Tumbare	tume	t-u-m-ay
ToGive-Donare	dine	d-e-n-ay
ToHold	tini	t-e-n-e
ToSqueeze-Serare	sɛre	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-g-ay
ToRub	froj	f-r-ɔj_diphthong
ToRub-Frictare	fɔte	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	suwe	s-u-w-ay
ToPull	tire	t-e-r-ay
ToPull-Pulsare	pu:si:	p-U-s-E
ToThrow	dʒete	VdPalatoAlveolarSibilant-eh-t-ay
ToThrow-Lanceare	lanci:	l-ah-n-tya-E
ToTie	lɔji:	l-euh-jg-E
ToSew	kɔ:z	k-o-zz
ToCount	kɔte	k-on-t-ay
ToSay	di:ɾ	d-E-rr
ToSing-AncestralClass	ʃãte	ts-NasalA-t-ay
ToPlay-Jiocare	dʒuwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	kɔle	k-euh-l-ay
ToFreeze	dʒale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell-Inflare	ɛfle	ehn-f-l-ay
ToSwell-Conflare	gɔfle	g-on-f-l-ay
ToBurn-Brojan	bɾu:le	b-rr-U-l-ay
All-Totus	tɔ	t-euh
Few	pɔ	p-on
Other	ɔt	on-t
Big-Grandem	gɾã	g-rr-NasalA
Long-Longum	lɔ	l-on
Thick-Spissum	sɛ	s-p-eh
Heavy	grav	g-r-ah-v
Small	piti	p-e-t-e
Short	ku:ɾ	k-U-rr
Short-Brevis	bɾɛf	b-rr-ay-f
Narrow-Strictus	stɾɔ:	s-t-rr-o

Appendix 4 - Word Lists by Language

Thin	minu	m-e-n-u
Thin-Subtilis	su:ti	s-U-t-e
Warm	ʃō	ts-on
Cold	frwε	f-VIUvularTrill-w-eh
Full	plē	p-l-ehn
New	nove	n-euh-v-eh
Old	vi:	v-E
Good	bō	b-on
Bad	mɔ:	m-LongOpenMidBackRounded
Straight	drø:	d-r-o
Round	rō	r-on
Dry	sɛʃ	s-eh-ts
Near-Pressus	prε	p-r-eh
Near-Vicinus	vizē	v-e-gzah-ehn
Red-Rubeus	rɔʃ	r-euh-ts
Green	vεʁ	v-eh-rr
Yellow	ɖʒen	VdPalatoAlveolarSibilant-eh-n
One	ō	on
Two-Duos	dø:	d-o
Three	trø:	t-r-o
Four	kwat	k-w-ah-t
Five	sēk	s-ehn-k
There	la	l-ah
Who-Qui	ki:	k-E
What	kwε:	k-w-Eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	kɔmē	k-euh-m-ehnn
Not	nō	n-oon
Not-Nec	nē	n-ehn
At	a	ah
With-Abhoc	avu	ah-v-u
And-Et	ε	eh
And-Si	si	s-e
Because-Quod	ki:	k-E

Friulian

Cognate	IPA	Sounds
I	jo	jg-oh
We	no:	n-O
YouPlural	vo:	v-O
YouSingular	tu	t-u
Woman	fəmine	f-eh-m-e-n-eh
Woman-Mulier	mui:r	m-u-E-r
Woman-Domina	dɔne	d-euh-n-ay
ManHumanBeing	ɔm	euh-m
Wife-Mulier	mui:r	m-u-E-r
Husband	mari:t	m-ah-r-E-t
Husband-Sponsus	spo:s	s-p-O-s
Mother	mari	m-ah-r-e
Father	pari	p-ah-r-e
Animal	nema:l	n-ay-m-A-l
Animal-Bestia	bis	b-e-s
Fish-Piskem	pɛs	p-eh-s
Bird-Avicellum	uʃʃɛl	u-ts-jg-eh-l
Dog	can	tya-ah-n

Appendix 4 - Word Lists by Language

Louse	pedoli	p-ay-d-oh-l-e
Snake	sarpint	s-ah-r-p-e-n-t
Worm	vjer	v-jg-eh-r
Tree	arbul	ah-r-b-u-l
Forest	selve	s-eh-l-v-ay
Stick	pa:l	p-A-l
Fruit	frut	f-r-u-t
Seed-Sementis	semenʃe	s-ay-m-eh-n-ts-eh
Seed-Granum	gran	g-r-ah-n
Leaf	fwee	f-w-ay-ay
BarkOfATree-Skortea	skwartse	s-k-w-ah-r-VIAlveolarSibilantAffricate-ay
Flower	flo:r	f-l-O-r
Grass	jarbe	jg-ah-r-b-ay
Skin-Pellis	pjel	p-jg-eh-l
Meat	ca:r	tya-A-r
Blood	sanʃk	s-ah-nya-k
Bone	vwes	v-w-eh-s
Egg	u:f	U-f
Horn	kwa:r	k-w-A-r
Tail	kode	k-euh-d-eh
Feather	plume	p-l-u-m-eh
Feather-Penna	pene	p-eh-n-ay
Hair	pe:l	p-ai-l
Hair-Capillus	cavej	tya-ah-v-ej_diphthong
Head	ca:f	tya-A-f
Head-Testa	teste	t-eh-s-t-ay
Ear	orele	oh-r-ay-l-ay
Eye	voli	v-oh-l-e
Nose	na:s	n-A-s
Mouth	bocē	b-euh-tya-eh
Mouth-Gula	gole	g-euh-l-ay
Tooth	dint	d-e-n-t
Fingernail	ɔŋgule	euh-nya-g-u-l-eh
Foot	pi:t	p-E-t
Leg-Gamba	jambe	VdPalatalStop-ah-m-b-ay
Leg-Petiolus	pekol	p-eh-k-oh-l
Knee-Geniculum	dzenoli	VdPalatoAlveolarSibilant-ay-n-oh-l-e
Hand	maŋ	m-ah-nya
Wing	ale	ah-l-ay
Belly	vintri	v-e-n-t-r-e
Belly-Pantex	pantse	p-ah-n-VIAlveolarSibilantAffricate-ay
Neck	kwel	k-w-eh-l
Back	dwes	d-w-ay-s
Back-Spatula	spale	s-p-ah-l-eh
Breast	sen	s-ay-n
Breast-Pectus	pet	p-eh-t
Heart	ku:r	k-U-r
Heart-Anima	anime	ah-n-e-m-ay
Liver	fija:t	f-e-jg-A-t
Sun-Soliculus	soreli	s-oh-r-ay-l-e
Moon	lune	l-u-n-ay
Star	stele	s-t-eh-l-ay
Water	age	ah-g-ay
Rain	ploje	p-l-oh-jg-ay
River	flum	f-l-u-m
Lake	la:t	l-A-t
Sea	ma:r	m-A-r

Appendix 4 - Word Lists by Language

Salt	sa:l	s-A-l
Stone-Petra	pje:re	p-jg-ai-r-ay
Sand-Sabulum	savalɔn	s-ah-v-ah-l-euh-n
Dust	polvar	p-euh-l-v-ah-r
Earth	tjere	t-jg-eh-r-ay
Cloud-Secondary	nu:l	n-U-l
Fog-Fumata	fumate	f-u-m-ah-t-ay
Sky	ʃi:l	ts-E-l
Wind	'vint	v-e-n-t
Snow	ne:f	n-ai-f
Ice-Glacies	glafje	g-l-ah-ts-ay
Smoke	fum	f-u-m
Fire-Focus	fu:k	f-U-k
Ash-Cinisia	ʃinize	ts-e-n-e-zz-eh
Mountain	mɔnt	m-euh-n-t
Mountain-Montanea	mɔntape	m-euh-n-t-ah-VdPalatalNasal-ay
Night	ɲɔt	VdPalatalNasal-euh-t
Day	di	d-e
Day-Diurnata	dʒornade	VdPalatoAlveolarAffricate-oh-r-n-ah-d-ay
Year	aɲ	ah-nya
Name-Nomen	nɔɲ	n-euh-nya
Tongue	'lenge	l-eh-n-g-eh
ToDrink	bevi	b-ay-v-e
ToEat-Manducare	manja:	m-ah-nya-VdPalatalStop-A
ToBite	mwardi	m-w-ah-r-d-e
ToSuck	cuca:	tya-u-tya-A
ToSpit-Sputare	spuda:	s-p-u-d-A
ToBlow	sofla:	s-oh-f-l-A
ToBreathe	respira:	r-ay-s-p-e-r-A
ToLaugh	ridi	r-e-d-e
ToSee	vjodi	v-jg-oh-d-e
ToHear	uldi:	u-l-d-E
ToKnow-Sapere	save:	s-ah-v-ai
ToKnow-Cognoscere	koɲosi	k-oh-VdPalatalNasal-oh-s-e
ToThink-Pensare	peɲsa:	p-ay-nya-s-A
ToSmell-Sentire	sinti:	s-e-n-t-E
ToFear	temi	t-ay-m-e
ToFear-Tremere	trima:	t-r-e-m-A
ToSleep	durmi:	d-u-r-m-E
ToLive	vivi	v-e-v-e
ToDie	muri:	m-u-r-E
ToKill-Mactare	maʃa:	m-ah-ts-A
ToFight-Battuere	bati	b-ah-t-e
ToHunt-Captiare	caʃa:	tya-ah-ts-A
ToHit	pulsa:	p-u-l-s-A
ToCut	sea:	s-ay-A
ToCut-Excurtare	skurta:	s-k-u-r-t-A
ToCut-Taliare	taja:	t-ah-jg-A
ToSplit	dividi	d-e-v-e-d-e
ToSplit-Partire	parti:	p-ah-r-t-E
ToSplit-Separare	separa:	s-ay-p-ah-r-A
ToScratch	rada:	r-ah-d-A
ToScratch-Rasare	rasa:	r-ah-s-A
ToDig-Cavare	java:	VdPalatalStop-ah-v-A
ToDig-Excavare	zjava:	zz-VdPalatalStop-ah-v-A
ToSwim	nada:	n-ah-d-A
ToSwim-Navigare	naviga:	n-ah-v-e-g-A

Appendix 4 - Word Lists by Language

ToFly-Exvolare	zvola:	zz-v-oh-l-A
ToWalk	camina:	tya-ah-m-e-n-A
ToCome	vipi:	v-e-VdPalatalNasal-E
ToLieAsInABed-lacere	jesi	jg-ay-s-e
ToSit-Sedentare	senta:	s-ay-n-t-A
ToStand	sta:	s-t-A
ToStand-Levare	leva:	l-ay-v-A
ToStand-Altiare	altja:	ah-l-t-shh-A
ToTurnIntransitive	torna:	t-oh-r-n-A
ToTurnIntransitive-Gyrate	dgira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	dgira:	VdPalatoAlveolarSibilant-e-r-A
ToFall	ffjade	ts-jg-ah-d-ay
ToGive	da:	d-A
ToGive-Donare	dona:	d-oh-n-A
ToHold	tinji	t-e-n-jg-e
ToSqueeze	esprimi	ay-s-p-r-e-m-e
ToSqueeze-Stringere	strengi:	s-t-r-eh-n-g-E
ToRub	frea	f-r-ay-ah
ToWash	lava:	l-ah-v-A
ToWipe-Exsucare	suja:	s-u-jg-A
ToPull	tira:	t-e-r-A
ToPull-Pulsare	pulsa:	p-u-l-s-A
ToPull-Trahere	traj	t-r-aj_diphthong
ToThrow-Lanceare	lanffa:	l-ah-n-ts-A
ToTie	lea:	l-ay-A
ToSew	kuzi	k-u-zz-e
ToCount	konta:	k-oh-n-t-A
ToCount-Numerare	numera:	n-u-m-ay-r-A
ToSay	di:	d-E
ToSing-AncestralClass	canta:	tya-ah-n-t-A
ToPlay-Jiocare	djuja:	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Excurrere	skori:	s-k-oh-r-E
ToFlow-Currere	kori	k-oh-r-e
ToFreeze-Glaciare	glaffa:	g-l-ah-ts-A
ToSwell-Inflare	enfla:	ay-n-f-l-A
ToSwell-Conflare	zglonfa:	zz-g-l-oh-nya-f-A
ToBurn-Brojan	bruza:	b-r-u-zz-A
ToBurn-Flammare	flama:	f-l-ah-m-A
All-Totus	dut	d-u-t
Many	mole	m-oh-l-tya
Many-Tantus	tanc	t-ah-n-tya
Few	po:k	p-O-k
Other	altri	ah-l-t-r-e
Big-Grandem	grant	g-r-ah-n-t
Long-Longum	lunk	l-u-n-k
Long-Largum	lark	l-ah-r-k
Thick	gras	g-r-ah-s
Thick-Grossum	grwes	g-r-w-eh-s
Heavy	grevi	g-r-eh-v-e
Small-Pitulus	piiful	p-e-ts-u-l
Short	kurt	k-u-r-t
Narrow-Strictus	stret	s-t-r-eh-t
Thin	minu:t	m-e-n-U-t
Thin-Subtilis	suti:l	s-u-t-E-l
Warm	calt	tya-ah-l-t
Cold	fre:t	f-r-ai-t
Cold-Recens	retsint	r-ay-VlAlveolarSibilantAffricate-e-n-t

Appendix 4 - Word Lists by Language

Full	plɛn	p-l-eh-n
New	nu:f	VdPalatalNasal-U-f
Old	vjei	v-jg-ay-e
Good	bɔn	b-euh-n
Bad	ma:l	m-A-l
Dirty-Spurcus	spɔrk	s-p-euh-r-k
Straight	dret	d-r-eh-t
Round	tarɔnt	t-ah-r-euh-n-t
Smooth-Nitidus	net	n-eh-t
Wet	umid	u-m-e-d
Dry	sek	s-eh-k
Near	prosim	p-r-oh-s-e-m
Near-Vicinus	viʃin	v-e-ts-e-n
Far	lontan	l-oh-n-t-ah-n
Right-Dextrem	djestri	d-jg-ay-s-t-r-e
Left	siɲestri	s-e-VdPalatalNasal-ay-s-t-r-e
Red	rɔs	r-euh-s
Green	vert	v-eh-r-t
One	uɲ	u-nya
Two-Duos	doj	d-oj_diphthong
Three	'tre:	t-r-ai
Four	kwatri	k-w-ah-t-r-e
Five	'ʃɪŋk	ts-e-nya-k
Here	aki	ah-k-e
Who-Qui	kwi	k-w-e
What	ʃe	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	ʃfemu:t	ts-ay-m-U-t
Not	no	n-oh
At	a	ah
And-Et	e	ay
And-Si	si	s-e
Because-Quod	ke	k-ay

Romanian

Cognate	IPA	Sounds
I	jew	jg-ay-w
We	noj	n-oj_diphthong
YouPlural	voj	v-oj_diphthong
YouSingular	tu	t-u
Woman	femeje	f-ay-m-ay-jg-ay
Woman-Mulier	mujere	m-u-jg-ay-r-ay
Woman-Domina	doamnə	d-midback_diphthong_romanian-m-n-aah
ManHumanBeing	om	oh-m
Wife-Mulier	mujere	m-u-jg-ay-r-ay
Husband	mərit	m-aah-r-e-t
Husband-Socius	sɔts	s-oh-VlAlveolarSibilantAffricate
Father-Tata	tatə	t-ah-t-aah
Animal	nəmaje	n-aah-m-ah-jg-ay
Fish-Piskem	peʃte	p-ay-shh-t-ay
Bird-Passerem	pasəre	p-ah-s-aah-er-ay
Dog	kijne	k-ij_diphthong-n-ay
Louse	pədukje	p-aah-d-u-k-jg-ay
Snake	ʃarpe	shh-ah-er-p-ay
Worm	vjerme	v-jg-ay-r-m-ay

Appendix 4 - Word Lists by Language

Tree	arbore	ah-r-b-oh-r-ay
Stick	par	p-ah-er
Fruit	frukt	f-r-u-k-t
Seed-Sementis	səminfə	s-aah-m-eee-n-ts-aah
Seed-Granum	griw	g-r-iw_diphthong
Leaf	foaje	f-midback_diphthong_romanian-jg-ay
Leaf-Frondea	frunzə	f-er-u-n-zz-aah
Root-Radicina	rədəʃinə	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Skorteia	skoartə	s-k-midback_diphthong_romanian-er-VIAlveolarSibilantAffricate-aah
Flower	floare	f-l-midback_diphthong_romanian-er-ay
Grass	jarbə	jg-ah-er-b-aah
Rope	funje	f-u-n-jg-ay
Skin-Pellis	pjele	p-jg-ay-l-ay
Meat	karne	k-ah-er-n-ay
Blood	sindʒe	s-eee-n-VdPalatoAlveolarSibilant-ay
Bone	os	oh-s
Egg	ow	oh-w
Horn	korn	k-oh-r-n
Tail	coadə	tya-midback_diphthong_romanian-d-aah
Feather-Penna	panə	p-ah-n-aah
Hair	pər	p-aah-er
Head	kap	k-ah-p
Head-Testa	tseastə	VIAlveolarSibilantAffricate-midfront_diphthong_romanian-s-t-aah
Ear	ureke	u-r-ay-k-ay
Eye	okʲ	oh-kpalatal
Nose	nas	n-ah-s
Mouth	bukə	b-u-k-aah
Mouth-Gula	gurə	g-u-er-aah
Tooth	dinte	d-e-n-t-ay
Fingernail	ungje	u-n-g-jg-ay
Foot	piez	p-e-ay-zz
Leg-Gamba	gambə	g-ah-m-b-aah
Leg-Perna	gambə	g-ah-m-b-aah
Leg-Petiolus	piʃjor	p-e-ts-jg-oh-r
Knee-Geniculum	dʒenunki	VdPalatoAlveolarSibilant-ay-n-u-n-kpalatal
Hand	minə	m-eee-n-aah
Belly	vintre	v-e-n-t-r-ay
Belly-Pantex	pintetʃe	p-eee-n-t-ay-ts-ay
Back	do	d-oh
Back-Spatula	spate	s-p-ah-t-ay
Breast	san	s-ah-n
Breast-Pectus	pjept	p-jg-ay-p-t
Heart-Anima	inimə	e-n-e-m-aah
Liver	fikat	f-e-k-ah-t
Sun	soare	s-midback_diphthong_romanian-er-ay
Moon	lunə	l-u-n-aah
Star	stea	s-t-midfront_diphthong_romanian
Water	apə	ah-p-aah
Rain	ploaje	p-l-midback_diphthong_romanian-jg-ay
River-Rivus	riw	r-eee-w
Lake	lak	l-ah-k
Sea	mare	m-ah-r-ay
Salt	sare	s-ah-r-ay
Stone-Petra	pjatrə	p-jg-ah-t-er-aah
Sand	arinə	ah-r-e-n-aah
Dust	pulbere	p-u-l-b-ay-r-ay
Earth	tsarə	VIAlveolarSibilantAffricate-ah-r-aah

Appendix 4 - Word Lists by Language

Cloud-Secondary	nor	n-oh-r
Fog-Nebula	negurə	n-ay-g-u-r-aah
Fog-Caecia	ʃeəʃə	ts-midfront_diphthong_romanian-ts-aah
Sky	ʃer	ts-ay-er
Wind	vint	v-eee-n-t
Snow	neə	n-midfront_diphthong_romanian
Ice	dʒer	VdPalatoAlveolarSibilant-ay-r
Ice-Glacies	geətsə	g-midfront_diphthong_romanian-VAlveolarSibilantAffricate-aah
Smoke	fum	f-u-m
Fire-Focus	fok	f-oh-k
Ash-Cinisia	ʃenuʃə	ts-ay-n-u-shh-aah
Mountain	munte	m-u-n-t-eh
Night	noapte	n-midback_diphthong_romanian-p-t-ay
Day	zi	zz-e
Year	an	ah-n
Name-Nomen	nume	n-u-m-ay
Tongue	limbə	l-e-m-b-aah
ToDrink	bea	b-midfront_diphthong_romanian
ToEat-Manducare	minka	m-eee-n-k-ah
ToBite-Morsicare	murseka	m-u-r-s-ay-k-ah
ToSuck	sudʒe	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	skujpa	s-k-u-jg-p-ah
ToVomit	voame	v-midback_diphthong_romanian-m-ay
ToBlow	sufila	s-u-f-l-ah
ToLaugh	ride	er-eee-d-ay
ToSee	vedea	v-ay-d-midfront_diphthong_romanian
ToHear	auzi	ah-u-zz-e
ToKnow	ʃti	shh-t-e
ToKnow-Cognoscere	kunoaʃte	k-u-n-midback_diphthong_romanian-shh-t-ay
ToThink	kudʒeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pəsa	p-aah-s-ah
ToSmell-Sentire	simtsi	s-e-m-VAlveolarSibilantAffricate-e
ToFear	teme	t-ay-m-ay
ToSleep	dormi	d-oh-r-m-e
ToLive	via	v-e-ah
ToDie	muri	m-u-r-e
ToKill	neka	n-ay-k-ah
ToKill-Occidere	uʃide	u-ts-e-d-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHit	pulsa	p-u-l-s-ah
ToCut-Excurtare	skurta	s-k-u-r-t-ah
ToCut-Taliare	taja	t-aah-jg-ah
ToSplit	divide	d-e-v-e-d-ay
ToSplit-Separare	separa	s-ay-p-ah-r-ah
ToStab	pundʒe	p-u-n-VdPalatoAlveolarSibilant-ay
ToScratch	rade	r-ah-d-ay
ToSwim-Navigare	naviga	n-ah-v-e-g-ah
ToFly-Exvolare	zbura	zz-b-u-er-ah
ToWalk-Mergere	merdʒe	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome	veni	v-ay-n-e
ToLieAsInABed	ekstinde	ay-k-s-t-e-n-d-ay
ToLieAsInABed-lacere	zoʃea	zz-aah-ts-midfront_diphthong_romanian
ToSit	jedea	shh-ay-d-midfront_diphthong_romanian
ToStand	sta	s-t-ah
ToStand-Levare	lua	l-u-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Torquere	toarʃe	t-midback_diphthong_romanian-r-ts-ay

Appendix 4 - Word Lists by Language

ToFall	kədə	k-aah-d-midfront_diphthong_romanian
ToGive	da	d-ah
ToHold	tsine	VlAlveolarSibilantAffricate-e-n-ay
ToSqueeze	skreme	s-k-r-ay-m-ay
ToSqueeze-Stringere	strindze	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub	freka	f-r-ay-k-ah
ToWash	la	l-ah
ToWipe-Extergere	fterdze	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	uska	u-s-k-ah
ToPull-Pulsare	pulsa	p-u-l-s-ah
ToPull-Trahere	tradze	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush	impindze	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToThrow-Eruncare	arunka	ah-er-u-nya-k-ah
ToTie	lega	l-ay-g-ah
ToSew	coase	tya-midback_diphthong_romanian-s-ay
ToCount-Numerare	numara	n-u-m-ah-r-ah
ToSay	zife	zz-e-ts-ay
ToSay-Exponere	spune	s-p-u-n-ay
ToSing-AncestralClass	kinta	k-eee-n-t-ah
ToPlay-Jiocare	zuka	gzah-u-k-ah
ToFloat	fluctua	f-l-u-tya-t-u-ah
ToFlow-Excurrere	skurdze	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdze	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetsa	eee-n-g-ay-VlAlveolarSibilantAffricate-ah
ToSwell-Inflare	umfla	u-m-f-l-ah
ToSwell-Crescere	krejte	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay
ToBurn-Incendere	infindze	eee-n-ts-e-n-d-gzah-ay
ToBurn-AncestralClass8	ustura	u-s-t-u-r-ah
All-Totus	tot	t-oh-t
Many	mult	m-u-l-t
Other	alt	ah-l-t
Big-Majjorem	mare	m-ah-er-ay
Long-Longum	lung	l-u-n-g
Long-Largum	larg	l-ah-r-g
Wide	lat	l-ah-t
Thick	gras	g-r-ah-s
Thick-Grossum	gros	g-r-oh-s
Heavy	grew	g-er-ay-w
Small-Pittinus	putsin	p-u-VlAlveolarSibilantAffricate-e-n
Narrow	ingust	eee-nya-g-u-s-t
Narrow-Strictus	strimt	s-t-r-eee-m-t
Thin	marunt	m-aah-r-u-n-t
Thin-Subtilis	subtsire	s-u-b-VlAlveolarSibilantAffricate-e-r-ay
Warm	kald	k-ah-l-d
Cold-Recens	refe	r-ay-ts-ay
Full	plin	p-l-e-n
New	now	n-oh-w
Old	vek	v-ay-kpalatal
Good	bun	b-u-n
Rotten	putred	p-u-t-r-ay-d
Dirty-Spurcus	spurk	s-p-u-r-k
Straight	drept	d-r-ay-p-t
Round	ratund	r-aah-t-u-n-d
Smooth-Nitidus	neted	n-ay-t-ay-d
Wet	umed	u-m-ay-d
Wet-Udus	ud	u-d

Appendix 4 - Word Lists by Language

Dry	sek	s-ay-k
Near-AdPrope	aproape	ah-p-r-midback_diphthong_romanian-p-ay
Near-Vicinus	veŋin	v-ay-ts-e-n
Red	roŋu	er-oh-shh-u
Red-Rubeus	rojb	r-oj_diphthong-b
Green	verde	v-ay-er-d-ay
Yellow	galben	g-ah-l-b-ay-n
White	alb	ah-l-b
One	unu	u-n-u
Two-Duos	doj	d-oj_diphthong
Two-Duae	dowə	d-oh-w-aah
Three	trej	t-r-ej_diphthong
Four	patru	p-ah-t-r-u
Five	ŋinŋ	ts-e-n-ts
There	la	l-ah
Who-Quem	ŋine	ts-e-n-ay
What	ŋe	ts-ay
When-Quando	kind	k-eee-n-d
How-Quomodo	kum	k-u-m
Not	nu	n-u
At	a	ah
In-In	in	eee-n
With-Cum	ku	k-u
And-Et	e	ay
And-Si	ŋi	shh-e
Because-Quod	kə	k-aah

Appendix 5 - Segment Groups

Where symbols appear in pairs, the one to the right represents a rounded vowel.

Vowel

	Front	Near-Front	Central	Near-Back	Back
Close	i • y		ɨ		u
Near-close		ɪ		ʊ	
Close-mid	e • ø		ə		o
Mid					
Open-mid		œ • ε			ɔ
Near-open			ɐ		
Open		a			ɑ

Long-Vowel

	Front	Near-Front	Central	Near-Back	Back
Close	iː				uː
Near-close					
Close-mid					
Mid	eː				oː
Open-mid		ɛː			ɔː
Near-open					
Open	øː		aː		

Nasal-Vowel

	Front	Near-Front	Central	Near-Back	Back
Close	ĩ				ẽ
Near-close					ã
Close-mid					õ
Mid					
Open-mid		ẽ			õ
Near-open			ẽ • ã		
Open					ũ

Appendix 5 - Segment Groups

Long-Nasal-Vowel

	Front	Near-Front	Central	Near-Back	Back
Close					ẽ:
Near-close					
Close-mid					õ:
Mid					
Open-mid					
Near-open					
Open					

Vowel-Diphthong

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

Nasal-Vowel-Diphthong

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

Vowel-Non-Sylabic

	Front	Near-Front	Central	Near-Back	Back
Close					

Appendix 5 - Segment Groups

Near-close					
Close-mid					
Mid					
Open-mid					
Near-open					
Open					

Vowel-Diphthong-Non-Sylabic

	Front	Near-Front	Central	Near-Back	Back
Close					
Near-close					
Close-mid	ea				oa
Mid					
Open-mid					
Near-open					
Open					

Pulmonic Consonants

Manner	Bilabial	Labial-Velar	Labio-Dental	Dental	Alveolar	Post-Alveolar	Retroflex	Palatal	Velar	Uvular	Glottal
Nasal, Stop											
Nasal	m				n			ɲ	ŋ		
Stop	p b	k ^w g ^w			t d			c ɟ	k g		
Sibilant, Fricative					s z	ʃ ʒ					
Fricative	β		f v	θ ð				ç ʝ	x ɣ	ʁ	h
Approximant							ɭ	j			
Tap/Flap					ɾ						
Trill					r					R	
Lateral, Fricative											
Lateral, Approximant					l			ʎ			
Lateral, Tap/Flap											

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

Non-Pulmonic Consonants

Manner	Palatal
Stop	k ^j
Ejective, Stop	
Ejective, Fricative	

Appendix 5 - Segment Groups

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

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

Pulmonic Affricates

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

Shaded areas denote articulations judged to be impossible.

Ejective Affricates

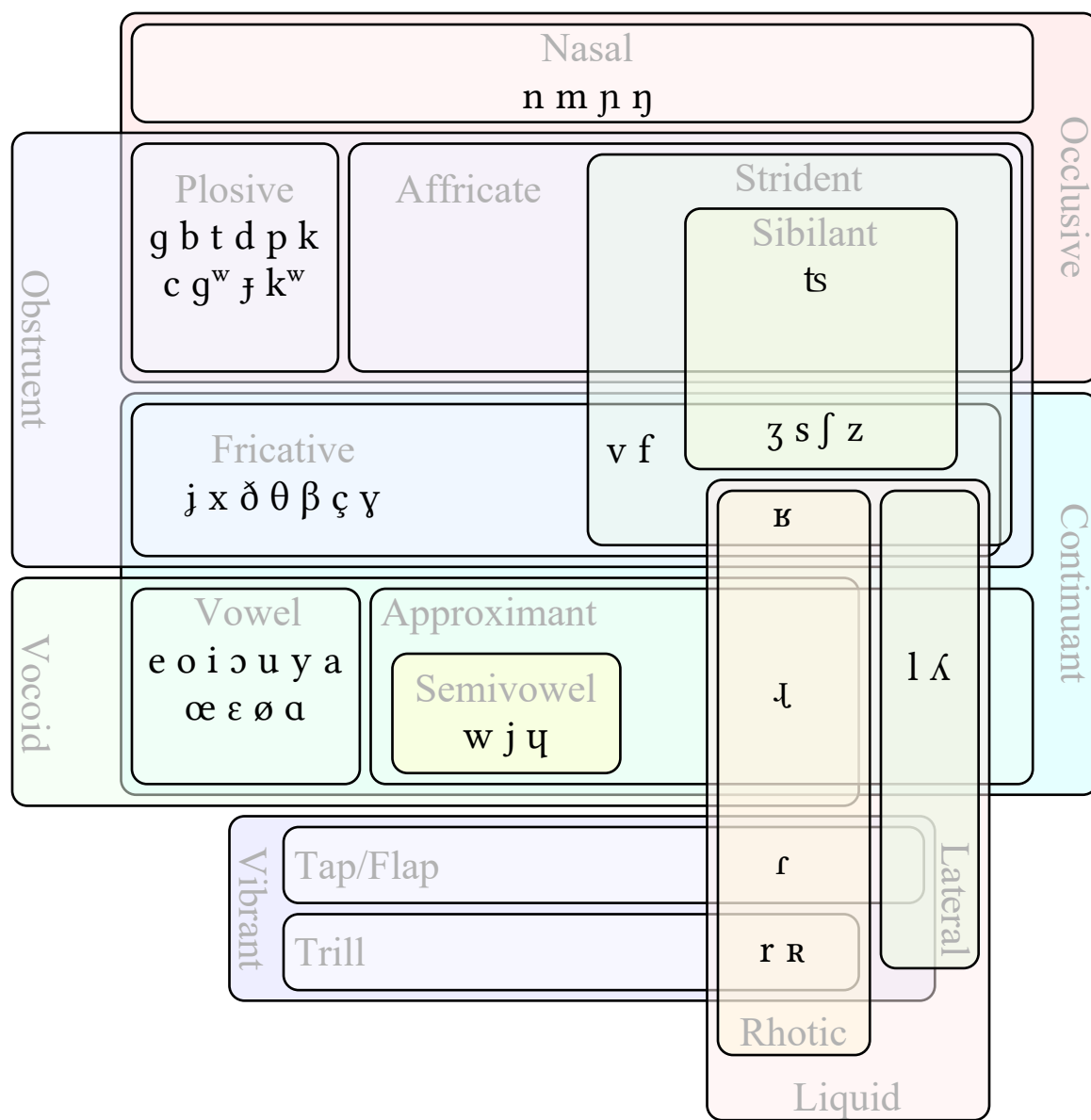
Manner
Central
Lateral

Shaded areas denote articulations judged to be impossible.

Other Segments

w	Labial-Velar Vocoid Semivowel Voiced Approximant	dʒ	Palato-Alveolar Voiced Sibilant Affricate
	Continuant Labial Velar		
ɭ	Alveolar Voiced Velarized Pulmonic Lateral Approximant	ɥ	Labial-Palatal Vocoid Semivowel Voiced Approximant
			Continuant Palatalized Labial
dz	Alveolar Voiced Sibilant Affricate	ĩ	Palatal Nasal Approximant

Appendix 6 - Euler Feature Diagram



Appendix 7 - International Phonetic Alphabet

IPA Segments

ẽj	ẽw̃	au̯	ɛ̞a
0250, 0303, 006A, 0303 Near-open Central Nasal Vowel Diphthong	0250, 0303, 0077, 0303 Open Central Nasal Vowel Diphthong	0061, 0075, 032F Open Central Vowel Diphthong	0065, 032F, 0061 Close-mid Front Vowel Diphthong Non-Syllabic
ɔ̞a	ẽj̃	ẽu̯	aj
006F, 032F, 0061 Close-mid Back Vowel Diphthong Non-Syllabic	1EBD, 006A, 0303 Mid Front Nasal Vowel Diphthong	1EBD, 0075, 032F Mid Front Nasal Vowel Diphthong	0061, 006A Near-open Near-Front Vowel Diphthong
aː	ej	eː	iː
0061, 02D0 Open Central Vowel Long Vowel Continuant	0065, 006A Mid Front Vowel Diphthong	0065, 02D0 Mid Front Vowel Long Vowel Continuant	0069, 02D0 Close Front Vowel Long Vowel Continuant
ɟ̞	kʲ	kʷ	oj
006A, 0303 Palatal Nasal Approximant	006B, 02B2 Palatal Stop Palatalized	006B, 02B7 Labial-Velar Pulmonic Stop Occlusive Labial Velar	006F, 006A Close-mid Back Vowel Diphthong
oː	uː	õː	øː
006F, 02D0 Mid Back Rounded Vowel Long Vowel Continuant	0075, 02D0 Close Back Rounded Long Vowel	00F5, 02D0 Close-mid Back Rounded Long Nasal Vowel	00F8, 02D0 Open Front Rounded Vowel Long Vowel
œ̃	ɐj	ẽ	ã
0153, 0303 Open-mid Near-Front Rounded Nasal Vowel Diphthong	0250, 006A Near-open Central Vowel Diphthong	0250, 0303 Near-open Central Rounded Nasal Vowel	0251, 0303 Near-close Back Nasal Vowel
ɔː	õ	ɛj	ɛː
0254, 02D0 Open-mid Back Rounded Vowel Long Vowel Continuant	0254, 0303 Open-mid Back Rounded Nasal Vowel	025B, 006A Open-mid Near-Front Vowel Diphthong	025B, 02D0 Open-mid Near-Front Vowel Long Vowel Continuant

Appendix 7 - International Phonetic Alphabet

ẽ	g ^w	ij	iw
025B, 0303 Open-mid Near-Front Nasal Vowel	0261, 02B7 Labial-Velar Voiced Pulmonic Stop Occlusive Labial Velar	0268, 006A Close Central Vowel Diphthong	0268, 0077 Close Central Vowel Diphthong
ẽ:	a	b	c
1EBD, 02D0 Close Back Long Nasal Vowel	0061 Open Near-Front Vocoid Vowel Continuant	0062 Bilabial Voiced Pulmonic Stop Occlusive	0063 Palatal Pulmonic Stop Occlusive
d	e	f	h
0064 Alveolar Voiced Pulmonic Stop Occlusive	0065 Close-mid Front Vocoid Vowel Continuant	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0068 Glottal Pulmonic Fricative
i	j	k	l
0069 Close Front Vocoid Vowel Continuant	006A Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant	006B Velar Pulmonic Stop Occlusive	006C Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
m	n	o	p
006D Bilabial Voiced Pulmonic Nasal Occlusive	006E Alveolar Voiced Pulmonic Nasal Occlusive	006F Close-mid Back Rounded Vocoid Vowel Continuant	0070 Bilabial Pulmonic Stop Occlusive
r	s	t	u
0072 Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	0073 Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	0074 Alveolar Pulmonic Stop Occlusive	0075 Close Back Rounded Vocoid Vowel Continuant
v	w	x	y
0076 Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0077 Labial-Velar Vocoid Semivowel Voiced Approximant Continuant Labial Velar	0078 Velar Pulmonic Fricative Obstruent Continuant	0079 Close Front Rounded Vocoid Vowel Continuant

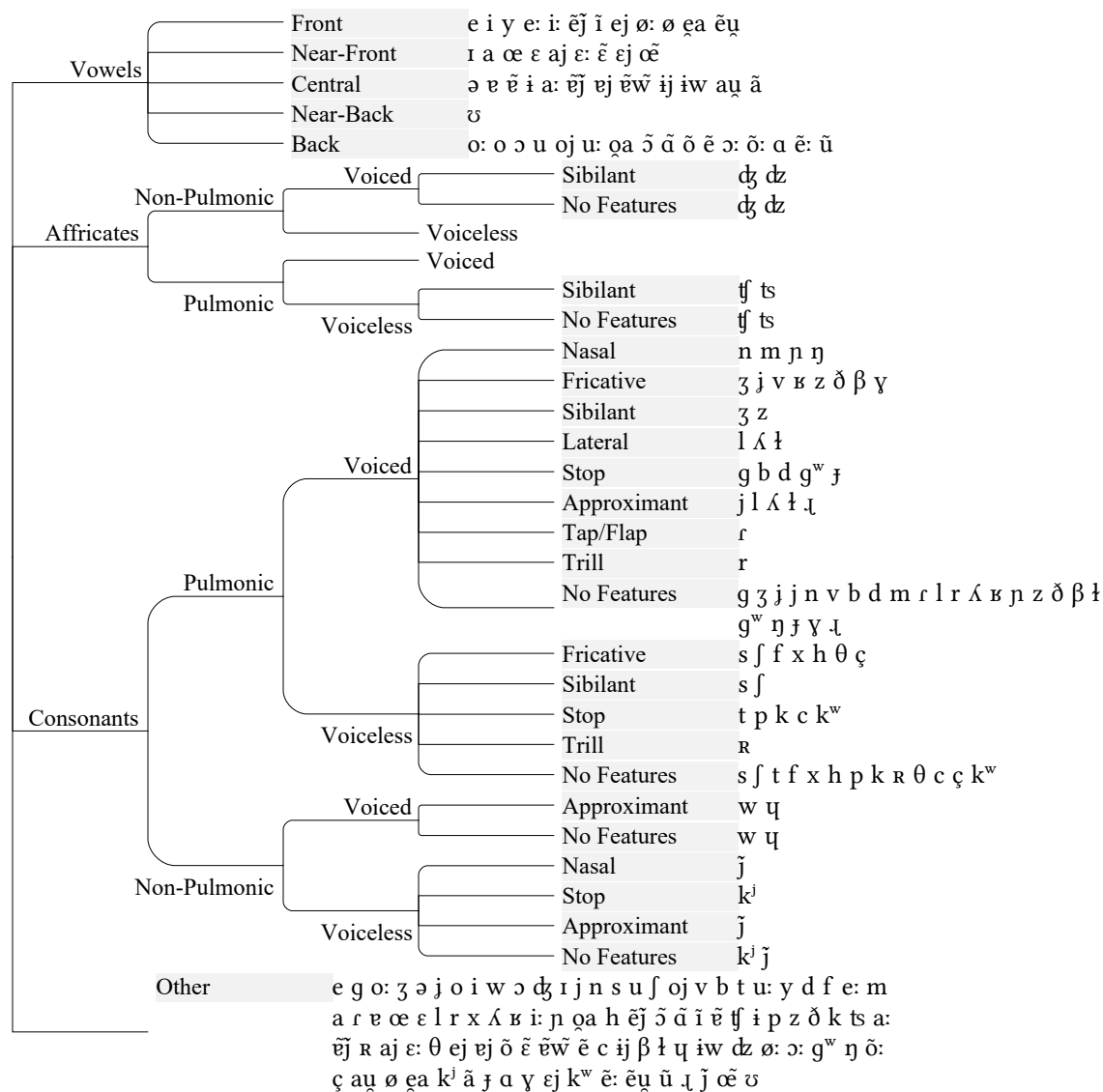
Appendix 7 - International Phonetic Alphabet

z	ã	ç	ð
007A	00E3	00E7	00F0
Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	Near-open Central Nasal Vowel	Palatal Pulmonic Fricative Obstruent Continuant	Dental Voiced Pulmonic Fricative Obstruent Continuant Dental
õ	ø	ĩ	ŋ
00F5	00F8	0129	014B
Close-mid Back Rounded Nasal Vowel	Close-mid Front Rounded Vocoid Vowel Continuant	Close Front Nasal Vowel	Velar Voiced Pulmonic Nasal Occlusive
œ	ũ	ɐ	ɑ
0153	0169	0250	0251
Open-mid Near-Front Rounded Vocoid Vowel Continuant	Open Back Nasal Vowel	Near-open Central Rounded Vowel	Open Back Vocoid Vowel Continuant
ɔ	ə	ɛ	ʃ
0254	0259	025B	025F
Open-mid Back Rounded Vocoid Vowel Continuant	Close-mid Central Vowel	Open-mid Near-Front Vocoid Vowel Continuant	Palatal Voiced Pulmonic Stop Occlusive
ɡ	ɣ	ɸ	ɨ
0261	0263	0265	0268
Velar Voiced Pulmonic Stop Occlusive	Velar Voiced Pulmonic Fricative Obstruent Continuant	Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant Palatalized Labial	Close Central Vowel
ɪ	ɭ	ɲ	ɻ
026A	026B	0272	027B
Near-close Near-Front Vowel	Alveolar Voiced Velarized Pulmonic Lateral Approximant	Palatal Voiced Pulmonic Nasal Occlusive	Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid
ɾ	ʀ	ʁ	ʂ
027E	0280	0281	0283
Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	Uvular Pulmonic Trill Rhotic Vibrant Liquid	Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid	Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant

Appendix 7 - International Phonetic Alphabet

ʊ	ʎ	ɜ	j
028A	028E	0292	029D
Near-close Near-Back Rounded Vowel	Palatal Vowel Voiced Pulmonic Lateral Approximant Rhotic Liquid	Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	Palatal Voiced Pulmonic Fricative Obstruent Continuant
dz	dʒ	ts	tʃ
02A3	02A4	02A6	02A7
Alveolar Voiced Sibilant Affricate	Palato-Alveolar Voiced Sibilant Affricate	Alveolar Pulmonic Sibilant Affricate Occlusive Strident	Palato-Alveolar Pulmonic Sibilant Affricate
β	θ	ẽ	
03B2	03B8	1EBD	
Bilabial Voiced Pulmonic Fricative Obstruent Continuant	Dental Pulmonic Fricative Obstruent Continuant Dental	Close Back Nasal Vowel	

Appendix 8 - Feature Tree



Appendix 9 - Diacritics

Diacritics

Undefined escape character	~	Nasalized	..	Centralized
Advanced	-	Retracted	˘	RisingTone
Voiceless	ɰ	Implosive	̣	Syllabic
Ejective	ʕ	Pharyngealized	ˆ	Falling tone
Non-syllabic	˚	No audible release	˚	Rhotic hook
Advanced tongue root	ɿ	Apical	˚	Extra low tone
Less rounded	ɿ	Dental	˚	Velarized or Pharyngealized
↘ Global fall	ɿ	Velarized	˚	High tone
h Aspirated	j	Palatalized	˚	Creaky voiced
˘ Low tone	l	Lateral release	-	Mid tone
◻ Laminal	˚	Linguo-Labial	n	Nasal release
˚ More rounded	ɿ	Lowered	ɿ	Retracted tongue root
↗ Global rise	ɿ	Raised	˚	Extra high tone
˚ Breathy voiced	˘	Voiced	w	Labialized
˚ Extra short	x	Mid-centralized	↓	Down-step
↑ Up-step	˚	Long	˚	Half-long
Indeterminacy in french vowels		Begin Non-segmental notation		End non-segmental notation
ɸ Voiced epiglottal fricative	!	Post-alveolar click		Minor group
Dental click		Major group		Alveolar lateral click
‡ Palatal click	˚	Voiceless descender	-	Combining macron
˘ Tie-bar below	˘	Tie-bar above	˚	Ready made combination
→ Becomes		Separator		

Appendix 10 - Languages

Latin

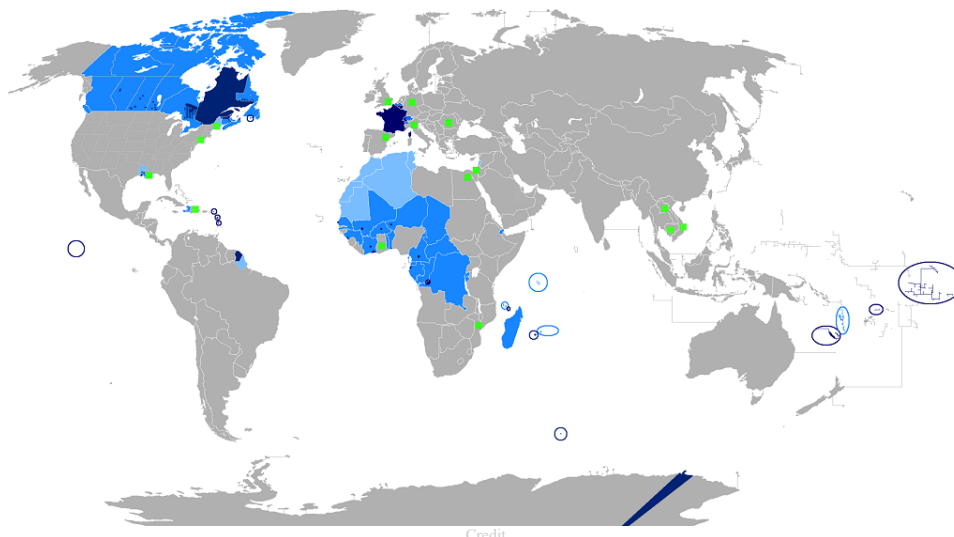


A classical language belonging to the Italic branch of the Indo-European languages. Latin was originally spoken in the area around Rome, known as Latium. Through the power of the Roman Republic, it became the dominant language in Italy, and subsequently throughout the western Roman Empire, before eventually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

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

Appendix 10 - Languages

French

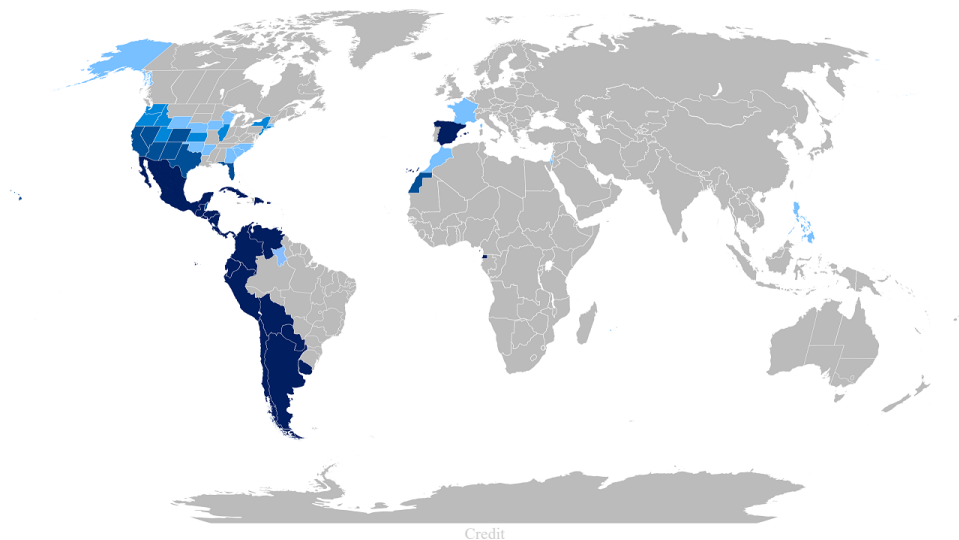


A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically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

French was also influenced by native Celtic languages of Northern Roman Gaul like Gallia Belgica and by the (Germanic) Frankish language of the post-Roman Frankish invaders. Today, owing to France's past overseas expansion, there are numerous French-based creole languages, most notably Haitian Creole. A French-speaking person or nation may be referred to as Francophone in both English and French.

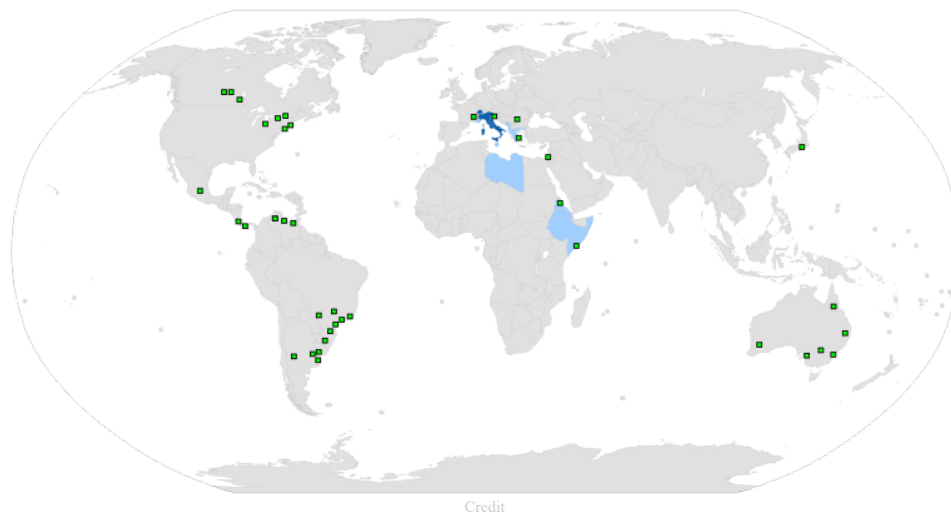
French is an official language in 29 countries across multiple continents, most of which are members of the Organisation internationale de la Francophonie (OIF), the community of 84 countries which share the official use or teaching of French. French is also one of six official languages used in the United Nations. It is spoken as a first language (in descending order of the number of speakers) in France; the Democratic Republic of Congo; Algeria; Morocco; Canada (provinces of Quebec, Ontario and New Brunswick as well as other Francophone regions); Cameroon; Belgium (Wallonia and the Brussels-Capital Region); Ivory Coast; Tunisia; western Switzerland (Romandy—all or part of the cantons of Bern, Fribourg, Geneva, Jura, Neuchâtel, Vaud, Valais); Monaco; parts of Luxembourg; parts of the United States (the states of Louisiana, Maine, New Hampshire and Vermont); northwestern Italy (autonomous region of Aosta Valley); and various communities elsewhere.

Spanish



A Romance language that originated in the Iberian Peninsula of Europe. Today, it is a global language with nearly 500 million native speakers, mainly in Spain and the Americas. It is the world's second-most spoken native language after Mandarin Chinese, and the world's fourth-most spoken language overall after English, Mandarin Chinese, and Hindi.

Italian



A Romance language of the Indo-European language family. Italian is the closest national language to Latin, from which it descends via vulgar Latin of the Roman Empire. Taking into account both national and regional languages, it is seen that Italian and Sardinian are together the least differentiated from Latin. Italian is an official language in Italy, Switzerland (Ticino and the Grisons), San Marino, and Vatican City. It has an official minority status in western Istria (Croatia and Slovenia).

It formerly had official status in Albania, Malta, Monaco, Montenegro (Kotor), Greece (Ionian Islands and Dodecanese), and is generally understood in Corsica by Corsican speakers (many linguists classify Corsican as an Italian dialect). It used to be an official language in the former colonial areas of Italian East Africa and Italian North Africa, where it still has a significant role in various sectors.

Italian is also spoken by large immigrant and expatriate communities in the Americas and Australia. Italian is included under the

Appendix 10 - Languages

languages covered by the European Charter for Regional or Minority languages in Bosnia and Herzegovina and in Romania, although Italian is neither a co-official nor a protected language in these countries. Many speakers of Italian are native bilinguals of both Italian (either in its standard form or regional varieties) and another regional language of Italy.

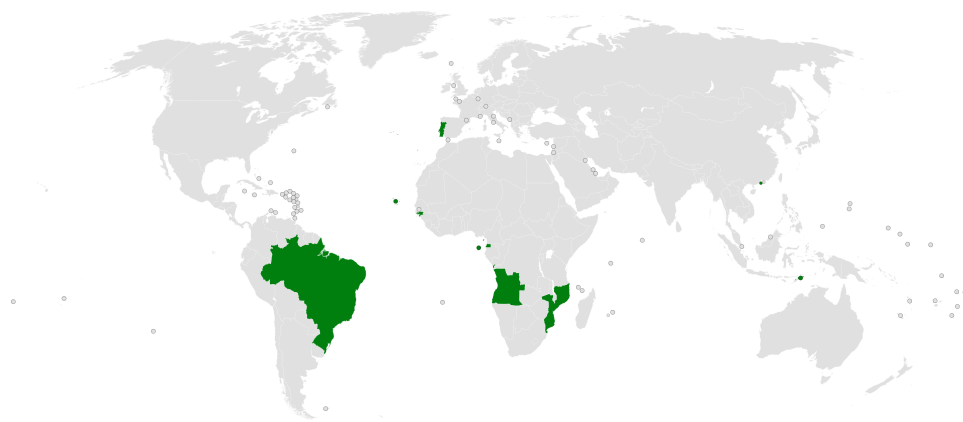
Brazilian Portuguese



Credit

The set of dialects of the Portuguese language native to Brazil and the most influential form of Portuguese worldwide. It is spoken by almost all of the 200 million inhabitants of Brazil and spoken widely across the Brazilian diaspora, today consisting of about two million Brazilians who have emigrated to other countries. With a population of over 205 million, Brazil is by far the world's largest Portuguese-speaking nation and the only one in the Americas.

Portuguese



Credit

A Romance language originating in the Iberian Peninsula of Europe. It is the sole official language of Portugal, Angola, Mozambique, Guinea-Bissau, Cape Verde, São Tomé and Príncipe, and Brazil, while having co-official language status in East Timor, Equatorial Guinea, and Macau. A Portuguese-speaking person or nation is referred to as "Lusophone" (lusófono). As the result of expansion during colonial times, a cultural presence of Portuguese and Portuguese creole speakers are also found around the world. Portuguese is part of the Ibero-Romance group that evolved from several dialects of Vulgar Latin in the medieval Kingdom of Galicia and the County of Portugal, and has kept some Celtic phonology and its lexicon.

Appendix 10 - Languages

Catalan



Credit

Catalan (/ˈkætələn, -æn, ˌkætəˈlæn/; autonym: *català* or *llengua catalana*; Eastern Catalan: [kətəˈla]), known in the Valencian Community and Carche as Valencian, is a Western Romance language derived from Vulgar Latin. It is the official language of Andorra, and a co-official language of three autonomous communities in eastern Spain: Catalonia, the Valencian Community and the Balearic Islands. It also has semi-official status in the Italian comune of Alghero. It is also spoken in the Pyrénées-Orientales department of France and in two further areas in eastern Spain: the eastern strip of Aragon and the Carche area in the Region of Murcia. The Catalan-speaking territories are often called the *Països Catalans* or "Catalan Countries".

The language evolved from Vulgar Latin in the Middle Ages around the eastern Pyrenees. Nineteenth-century Spain saw a Catalan literary revival, culminating in the early 1900s.

Walloon



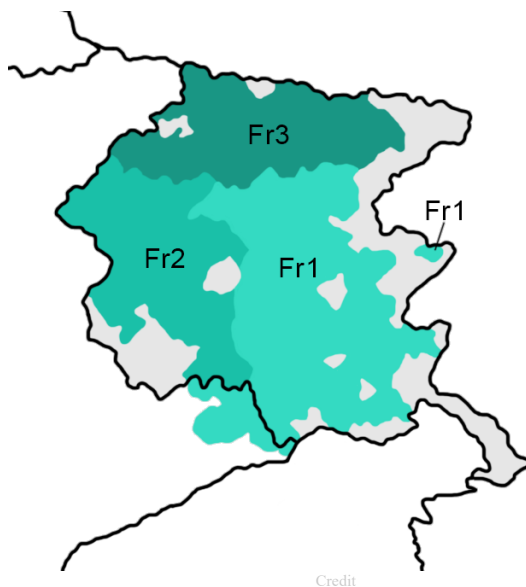
Credit

Appendix 10 - Languages

A Romance language that is spoken in much of Wallonia and (to small extent) in Brussels, Belgium; some villages near Givet, northern France; a clutch of communities in northeastern Wisconsin, U.S.; and in some parts of Canada. It belongs to the langue d'oïl language family, the most prominent member of which is the French language. The historical background of its formation was the territorial extension since 980 of the Principality of Liège to the south and west.

Despite its rich literature, beginning anonymously in the 16th century and with well-known authors since 1756, the use of Walloon has decreased markedly since France's annexation of Wallonia in 1795. This period definitively established French as the language of social promotion, far more than it was before. After World War I, public schools provided French-speaking education to all children, inducing a denigration of Walloon, especially when accompanied by official orders in 1952 to punish its use in schools. Subsequently, since the middle of the 20th century, generational transmission of the language has decreased, resulting in Walloon almost becoming a dead language. Today it is scarcely spoken among younger people, with vast majority of its native speakers being the elderly (aged 65 and over). In 2007, the number of people with knowledge of the language was estimated at 600,000.

Friulian



Friulian (/friˈuːliən/ free-OO-lee-ən) or Friulan (natively About this soundfurlan or marilenghe; Italian: friulano; German: Furlanisch; Slovene: furlanščina) is a Romance language belonging to the Rhaeto-Romance family, spoken in the Friuli region of northeastern Italy. Friulian has around 600,000 speakers, the vast majority of whom also speak Italian.

It is sometimes called Eastern Ladin since it shares the same roots as Ladin, but over the centuries, it has diverged under the influence of surrounding languages, including German, Italian, Venetian, and Slovene. Documents in Friulian are attested from the 11th century and poetry and literature date as far back as 1300. By the 20th century, there was a revival of interest in the language.

Romanian



Romanian (obsolete spellings: Rumanian or Roumanian; autonym: *limba română* ['limba ro'minə] (About this soundlisten), or *românește*, lit. 'in Romanian') is a Balkan Romance language spoken by approximately 24–26 million people as a native language, primarily in Romania and Moldova, and by another 4 million people as a second language. According to another estimate, there are about 34 million people worldwide who can speak Romanian, of whom 30 million speak it as a native language. It is an official and national language of both Romania and Moldova and is one of the official languages of the European Union.

Romanian is a part of the Eastern Romance sub-branch of Romance languages, a linguistic group that evolved from several dialects of Vulgar Latin which separated from the Western Romance languages in the course of the period from the 5th to the 8th centuries. To distinguish it within the Eastern Romance languages, in comparative linguistics it is called Daco-Romanian as opposed to its closest relatives, Aromanian, Megleno-Romanian and Istro-Romanian. Romanian is also known as Moldovan in Moldova, although the Constitutional Court of Moldova ruled in 2013 that "the official language of the republic is Romanian".