

[illegible]

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 nuvej̃ kelizẽj̃ kẽj̃ nẽj̃ ẽj̃		
ẽw̃	0250, 0303, 0077, 0303	63
kẽw̃ kẽw̃ grẽw̃ grẽw̃ mẽw̃ mẽw̃ nẽw̃ nẽw̃		
au	0061, 0075, 032F	78
kaũda aũdi:re aũgmenta:re aũmentar aũmentare aũgmentar aũgmentar paũkus		
ẽa	0065, 032F, 0061	80
tẽastə stẽa tẽatf̃ə nẽa gẽatsə bẽa vedẽa zətf̃ẽa fẽdẽa kədə		
oa	006F, 032F, 0061	39
d̃oam̃nə f̃oaje sk̃oartsə f̃oare c̃oadə s̃oare pl̃oaje ñoapte ṽoame kuñoafte t̃oartf̃e c̃oase apr̃oape		
ẽj̃	1EBD, 006A, 0303	41
omẽj̃ ɔmẽj̃ nenẽj̃ nenẽj̃ nuvej̃ kalizẽj̃ kẽj̃ nẽj̃ ẽj̃		
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 matfa: pugna:re kaptia:re catfa: pulsa:re pulsa: seka:re sea: kurta:re ekskurta:re skurta: ta:lia:re ta:l̃la:re taja: se:para:re separa: jugula:re jugula:re ra:dere rada: rasa: kawa:re java: ekskawa:re zjava: nata:re nada: naviga:re naviga: wola:re zvola: camina: ma:r̃fi: ambita:re sedenta:re senta: sta:re sta: leva:re leva: alia:re altfa: torna:re torna: gyra:re d̃jira: d̃jira: 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 lantfa: e:runka:re liga:re lea: apta:re komputa:re konta: e:numera:re numera:re numera: kanta:re canta: joka:re d̃juja: flu:ktua:re fluita:re ko:la:re gela:re glakia:re glatfa: 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 fejraḥ zejtar zejtar kejm̃ake istrejtu d̃jirejtu trej		
e:	0065, 02D0	25
fe:mina be:stia se:men pe:l ste:l̃la pje:tra pje:re hare:na nu:be:s tene:braj tene:bra:s nef die:s morde:re ri:de:re wide:re save: pen:sa:re ole:re time:re se:para:re jake:re d̃jatf̃e:re sede:re tork̃e:re tene:re e:runka:re e:numera:re intume:skere kre:ske:re arde:re omne:s de:lika:tus du:ze: 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:tf̃e radi:ki:na wi:wenda pi: pi:t fi:ka:tum ri:wus ri:pa:ria rivi:ḥ pi:ḥ ka:li:ginem si:ḥ t̃fi:l nif kammi:num mapi: sysi: respi:ra:re ri:de:re ri:dere xi:ḥ vi:ḥ aũdi:re uldi: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:dere t̃fesi: teji: di:widere parti:re parti: neḍji: ma:r̃fi: weni:re vi:ni: ho:si: strengi: pu:si: lanci: loji: di:kere di:ḥ di: skori: subti:lem suti:l fri:gidus vi: di:re:ktus wi:ki:nus k̃wi:nk̃e ekkumhi:k ibi: ki: si:k ki:		

Appendix 3 - Words containing each segment

ĵ	006A, 0303	92
mũĵtu mŭĵtu		
k^j	006B, 02B2	81
ok ^j dženunk ^j vek ^j		
k^w	006B, 02B7	87
ak ^w a tork ^w e:re k ^w attwor k ^w i:nk ^w e k ^w is k ^w em k ^w id k ^w ando: k ^w o:modo k ^w od		
oj	006F, 006A	17
noj voj noĵti noĵti froj rojb dojs doĵf doj doj		
O:	006F, 02D0	2
ego: no:s 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 ekspone:re ko:la:re to:tus po:k majjo:rem duo:s k ^w ando: k ^w o:modo no:n		
u:	0075, 02D0	21
tu: u:he: fru:ktus fu:nem u: u:f kornu: plu:ma u:j ku: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:ta:ri 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 gøĵ 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 itrẽne mōtẽne mēʒaʒ mēʒar ēdaʒ ēdar lēsa lēsar kētar kētar tētu tētu grēdĵi grēdi ěfu ěfu kwēdu kwēdu		
ã	0251, 0303	43
ãfã efã seʒpã sãmãs vjãd sã dã zãb vãtʒ pãs ãtʒaj vã sãdʒ ã ã lãĵ mãʒe pãse sãtiʒ 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:ʁ tɛ:nebre tɛ:nebre tʃɛ:ɾ pje:no kwɛ:		
ẽ	025B, 0303	62
fjẽ vêt fəmẽ pẽse sêti sêde fêt pwêdɤ ɛpɤêdɤ etɤêdɤ êsâdjɛ plẽ vwazẽ lwêtẽ kômẽ		
g^w	0261, 02B7	74
sang ^w inɛm ling ^w a		
ij	0268, 006A	66
kijne		
iw	0268, 0077	70
griw		
ẽ:	1EBD, 02D0	88
sẽ:d		
a	0061	27
fɛ:mina fam embra femmina fembra domina dam doja dɔnna infantem infante fante sponsa esposa spɔza ispoza mari:tus mari: maridɔ 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 awɛm abe avi avi aw awikellum wazo passerem paxaro passero paseru paseru pasəre kanɛm kan kane ka can sarpint farpe arborem aɾbɤ aɾbɔl albero aɾvori 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 skɔɾtsa skwas skwartse herba jerba erba jarbe jarbə ɤɤamen grama gram rista resta kwan kotenna pja karnɛm karne karne karni karni karn karne wi:wenda bibjenda vivanda vivɛda sang ^w inɛm sangre sangwe saɲ saɲk adepɛm adipe grasa graʃɛ graʃɛ kaɯda 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 ʃambe gambə perna pjerna gambə manum mano maɲ a:la ala ala a a alə ale pantikɛm 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 maɾ 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 kaliɔɔine kaliɔɔj 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 kamiɲu monta:nea mɔtɔɲ montɔɲa montɔɲɲa muntɔɲə mɔtɔɲ mɔntɔɲɛ dia ʒɔɲna ʒɔɲna diurna:ta xornada ɔɔornata ɔɔornade annum aɲo anno aɲ aɲ an ling ^w a lengwa lingwa manduka:re mandukar mandʒare mɛʒaɾ mɛʒar mɔɲʒa mapi: maɲʒa: minka mwardi moskar morsikare musəga musəgar musəɣa murseka sugaɾ sugaɾ skuɲpa esputar sputare soffjare sufla respirar respirare ɤɤspirar ɤiʃpirar rɛspira vwaɾ auzi sapere savwaɾ saber sapere sabɤ savɔ:ɾ save: kwidar koɔɔitare kuzitaɾ kuzitar kujda kuɔɔeta pensar pensar pɛsaɾ pɛsar pɔnsa pɔsa ulura odorare fragrare feɟraɾ feɟrar flɔjra tremare dwaɾmi via nɔga neka anegar annegare makta:re mate matar mataɾ mɛtar mɔta maʃa: puɲar puɲɲare puɲa battuere batɾ batir battere bateɾ batrə bate bati bate kaptia:re ʃase kaθar kattʃare kasaa kɛsar kɔsa catʃa: puxar pulsare puʃaɾ puʃar pulsa segar segare segaɾ siʃar sɔɣa kortar koɾtaɾ kurtar skortare skurta taxar taɔɔla:re taɔaɾ tɛlar tɔla taja: tɔja parti:re paɾtiɾ partiɾ partire paɾʃiɾ parti: se:para:re separar separare separaɾ sipɛrar sɔpɔra separa: separa raɛr radere ɤaɛɾ rawrə rada: rade rasar rasare ɤazaɾ ɤɛzar rɔza rasa: raskar ɤaʃkaɾ ɤɛʃkar rɔska kosaɔ kusar kawa:re kabar kavare kɛvaɾ kɛvar kɔba ʒava: ekskawa:re eskabar skavare iʃkɛvaɾ iʃkɛvar ʒava: nata:re nadar nwotare nadaɾ nɛðar nɔda nada: naviga:re naze nabegar navigare naviʃaɾ neviʃar nɔbɔga naviga: naviga bolar volare voaɾ vwar bula zvolare zbura kaminar kamminare kɛmiɲaɾ kɛmiɲar kɔmina camina:		

Appendix 3 - Words containing each segment

maʃe ambita:re andar andare ēdaʃ ēdar jake:re jaðer dʒaʃe:re zawrə swaʃ sentar sētar

sētar estar stare iʃtar iʃtar əsta sta jebar levare lewaʃ livar ləba lua altia:re alðar altsare aʃsa aʃsar əlsa altʃa: tornar tornare toʃnaʃ turnar turna turna xirar dʒirare zirar zirar zira birar virar virar zirar bira kadere ʃwaʃ kaer kadere kawrə ʃʃjade tumbaʃ tōbaʃ tōbar tumba dare dar dare daʃ dar dar da donar donare doa duar duna segurar siguraʃ siyurar serar seʃa səraʃ səra serare θerar serrare siʃar siʃar appekto:re apretar epirtar epirtar fregar fregarə frəga frea freka iʃfrigar iʃfriyar frotar frettare frisar frəsa lawa:re lave laʃar lavare ləvar ləvar ləba lave lava: la estarsir enxugar affugare efugar efuyar əfuga uska limpjar lipar lipar tirar tirare ʃira tirar tira puxar pulsare puʃar puʃar pulsa trahere trarre traze traðʒe jakta:re eʃar dʒettare zejtar zejtar xita lankea:re lanðar lanʃare lēsa lēsar lənsa lanci: lanʃa: arankar arronʃare aruŋka legar legare liya lega apta:re atar etar etar kontar kontare kōtar kōtar kumta enumerar enumerare enumerar enumerar enumera noverare numera numera kanta:re kantar kantare kētar kētar kōnta canta: kinta xugar dʒokare zogəʃ zuyar zuga zuka flugtwar fluttuare flutuəʃ flutuʃar fluktua fluctua fluitare kolar kolare koʃ kuar kuʃa elar dʒelare zilar zilar zəla dʒale glakia:re glase gjattʃare gləsa glaʃa: inglakia:re ingetsa aʃmentar aʃmentare aʃgmentar aʃgmentar augmenta inʃar enfiare iʃar iʃar imʃla umʃla gonʃare kəwaʃ brutʃare kəame kemar kremare kəmare kəmaʃe krəma flamma:re flame ʃjammare flama flama: arde:re aʃdʃ arder ardere aʃdʃ arde flagra:re flagʃe flagrar flagrare flagʃəʃ flagrar inʃendjare isendʒar isēdʒar ustolare ustura tantus tanto tanto tant tanc alguno alkuno awgū aʃgū alter altro altrə altri alt alius aw aʃ magnus maʃno maʃno grandem grande grande gran grant mare largus laʒz laryo largo laʒgu largu lark lark larg lato lato latu latu lat amplus aʃʃo ampjo amplə krassus graso grasso graʃu gras gras gras grawis grabe gravi gravi grav angustus angosto angusto etʃwa delyaðo delikato dewgadu delyaðu dəlikat kalidus kaldo kaldo kawdu kaldu kaʃ calt kald ʃwa malus mal malo malo maw maw mal dʒwa tarənt aku:tus ayuðo soave suaw adpropre aprəape vwazē kirka θerka lontano lənta lontan galbinus galben amarellus amarijo əmarelu albus albo albo awvu alvu alb alb duas kʷattwor katʃ kwatro kwattro kwatru kwatru kwatrə kwat kwatri patru aki aki aki aki la aja la la la əla la la ai ai kwa kʷando: kwando kwando kwan kwand kwant ad a 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 aʃbʃ albero abrə o:b arbul arbore selba selba herba ɛʃb jerba ɛrba erbə jarbe jarbə bibjenda webə kabejo kabelu kəbɛʃ kabesə bukka buʃ boka bokka bokə bokə bokə bək bəce bukə gamba zūb gamba gamba kambə jambe gambə gambə bjentre bentrə jubja sabulum sabl sabula sabbja pulbere polbo nu:bɛ:s nube nube nu:bilus nublo nubladu nubladu nebula njebla nebbja tene:braj tɛ:nebre tene:bras tenebʃ tinjeblas tɛ:nebre tənebrəs bjento ben njebe bia biə nombre limbə bibere bwəʃ beber bere bebeʃ biʃer bəwɾə bə:ʃ bevi bəa ber bəwɾə saber sabəʃ səber bibir biwɾə battuere batʃ batir battere bateʃ bəter batrə bate bati bate dibidir dibidi kabar kəba eskabar nabegar nəbəga bolar bula zbura ambita:re benir bəni jebar ləba birar bira tōbe tumbaʃ tōbaʃ tōbar tumba ləba nəbɛ breyle brutʃare bɾu:le bruza: grabe brewis bɾɛʃ brebe breve bɾevi bɾevi brew bɾɛʃ subtilem subtsire bjexo bonus bō bweno bwə:no bō bō bən bō bən bun hebetem ɛbete beθino bəi bermexo bərmɛʃ rubeus rubjo rəbbjo rubeo rubeo rojb berde galbinus galben albus albo albo alb alb ibi: abhoc

c

0063

65

can ca:ʀ cəqadə cavej ca:ʃ bəce noctem cuca: caʃa: camina: lanci: cəase canta: fluctua molc tanc calt spurcus abhoc

d

0064

23

usted domina dam doʃa dənna done done dənə døem dōne dōamnə maridu ma:dre pa:dre peduklus pidəkkjo pedoli pədukje frondea ra:di:kem ra:di:ke ɾadi radi:ʃe ra:di:ki:na rəðəʃinə kodie wi:wenda vjəd bibjenda vivanda vivədə vivədə adepem adipe kaɹda koda kawdʃ kawdʃ kəde cəqadə dentem dā djente dente dēʃi dēti dē dint dinte pedem pje:de dorsum do dɔsso dos dɔ dwes do espalda iʃpadwə iʃpadwə figədu pjodɹa pedre lapidem laude lapide pudʃ nubladu nubladu sōdʃ sendrə sē:d estrada strada istradʃ die:s dia di diʃ diʃ diə di diurnum djurno diurna:ta xornada dʒornade komedere manduka:re mandukar morder:re moʃdʃ mɔrdere moʃdʃ mwardi spuda: ri:de:re ri:dere ridi ride wide:re vedere vjodi vedʒa aɹdi:re udire uldi: kɹide kwidar kujda odo:ra:re odorare kɛdʃ dormi:re dɔʃmiʃ dormir dormire dɔʃmiʃ durmir durmi dwəʃmi durmi: dormi okki:dere utʃfidere utʃfide di:widere dibidir dividere diviðir dibidi dividi divide skindere sēde ʃindere findere ʃādʃ ender fəndere fēdʃ fēder fəndrə pwēdʃ ra:dere radere rada: rade fodere nadar nadaʃ nəda nada: andar andare ēdaʃ ēdar ekstendere etādʃ ekstender estendere istēdʃ iʃtēder əstendrə ekstinde sede:re sedere ʃedʒa sedentare tɔdʃ kadere kadere ʃjade kəðə dare dar dare daʃ dar dar da: da dona:re dōne donar donare doa duar duna dine dona: epɾēdʃ etɾēdʃ limpida:re kudʃ di:kere diʃ deθir dire dizer dizer di di:ʃ di: lu:dere ludir arde:re aʃdʃ arder ardere aʃdʃ ɛrder arde inkendere ɛsādʒe enθender inʃendjare isēdʒar ənsendrə inʃindʒe todo todʃ dut grandem grande grande grēdi gurdus gordo lurdus lerdo lordo lerdo menudo miudu de:lika:tus du:ʒe: delyaðo delikato dewgadu delyaðu dəlikat kalidus kaldo kaldo kawdu kaldu kald fri:gidus freddo putridus putrido putred podri sordidus sordido sordido sordidu sordidu dire:ktus dʒwa dritto direjtu dɾet drə: dɾet drept rotundus redondo ritondo ɾədōdu ɾidōdu ɾədo

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 verde duos dō dos dojs dojf dos dō: doj doj duaj due dowā duas duēs duēf kʷid kʷando: kwando kwādu kwēdu kwand kind kʷo:modo ad deintus dā dins kʷod

e 0065

0

ego: ew ew jew usted vose vōse voste embra femmina femēv femjv fembra femeje mulierem muxer moállē mułēv mułer mułe mujere dōne hominem ombre infāntem infānte fante nenēj nenēj nen epuz esposa mulier mułer moállē mułēv mułer mułe mujere epu esposo mātrem mēv mādre mā:dre mēv patrē pa:dre nema:l nāmaje piskem peθ peffe pef pešte awem abe awikellum useł passerem passero pasāre kanem kane kijne peduklus pedoli pēdukje serpentem sekrpā serpiente serpente sekrpēfi sārpen farpe wermem vēv 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 kortiife kortikea korteθa kortetfa skortea ekōvs skwartse flo:rem fjo:re floare herba jerba ēvñv erbā jarbe gra:men fu:nem fune funje restem kēsti kotenna pellem pjel pelle peli peł pjele karnem karne karne karne wi:wenda bibjenda sangʷinem sangre sangwe sinđe weso adepem adipe gref webō kwerno penna pepa penna penē penē pen pene pelo pelo pelu kabejo kapello kabelu kēβelu kaβeθa kavetssa kabesē kēβesv testa testā teste orexa orekkja orełv orele ureke ne ne nariife gōle dentem djente dente dinte ungje pedem pje pje pje:de piez jambe perna pjerna petiolus peθiolo genikulum zuełu dženoli dženunkʲ el el ale wentrem bjentre bentrā vintre pantikem pantse pintetfe intera:nea entrāna kwejo dwes epol espalda spate seno seno sen pektus peŋfo pjept kwōre anime fegato fedžā so:lem sole sōare soreli lune etwal estreja stella istrelv iŋtrelv stele age ploje plōaje flu:men fjume kīvjek mare mare mēv mare sa:lem sale se sare petra pjev pjeθra pedrē pedrā pje:re lapidem laude lapide arena ārenā pulwerem polvere pulbere terra tēv tjera tēv tjere nube nube ka:li:ginem kalidžine nebula njebla nebbja newlā negurā tene:braj tē:nebre tene:bra:s tenebēv tinjeblas tē:nebre tēnebrās fyne fumate θjelo tfer wentum bjento ben niwem njebe neve new gelu: jelo djer glaife fwego kinerem tferene θeniθa tferuŋa estrada montem monte monta:nea montaje noctem noife notte nōapte zuŋne dōrnade no:men no:me nume no:minem nombre lēngwa bibere beber bere bebēv biŋer bevi komedere komer kome kumer manduka:re mādze mandžare morde:re morđer mōrdere mōvdek murđer morsika:re morsikare murseka su:gere syse suđe konspuere kōspyte eskupir sputere esputar sputare womere vōmere vōame suffla:re sufle soffjare sufle respi:ra:re respirar respirare vspirar respira: ri:de:re reir ri:dere ride wide:re ber vedere vēv ver vedēa aud:re udire ski:re sapere saber sapere sabēv sēber kogno:skere konōθer konōffere kōpesev kupiser kunqaste kōgita:re kuide kodžitare kudžeta pens:are pāse pensar pensare pēse penjsa: senti:re sentir sentire olē:re oler olire odor:are odorare fra:gra:re flēv fragrare time:re temer temere temēv timer temā temi teme tremere tremere tremare tremēv trimer dormi:re dormire wi:were vivere vivev viver morire mōvēc muxer neka:re nwaje neka anegar annegare tje tuwe makta:re mate okki:dere utfiđere ufiđe pugna:re puŋpare battuere battēre batēv bēter bate kaptia:re fase kattfare pulsa:re puse pulsa:re seka:re sje segar segare segāv sea: kurtā:re ekskurta:re ekūte skortare talia:re taje tałłā:re di:widere dividere divide skindere sēde findere findere ender fēdere fēder parti:re partire se:para:re sōvēc separar separare separāv separa: separa pungere punđere punđe jugula:re zygyte jugula:re ra:dere raer radere vāv vāv rade vāze rasare fodere kawa:re fōve kavare ekskawa:re eskabar skavare nata:re nwtare naviga:re nāze nabegar navigare wola:re vole volare vōle zvola

re fōmine kamminare tfinime māvse mergere mērdžere merđe ambita:re andare weni:re benir venire veni ekstendere etādv ekstender estendere istēdv iŋtēder āstendrā ekstinde jake:re zeziv jaθer dātfe:re zēzēv zēzer džere jesi sede:re ser sedere seš ser fedža sedenta:re sentar senta: sta:re estar stare leva:re lāve jēbar levare levāv lāve leva: altia:re ose altsare torna:re tuŋne tornare tu:rne gyra:re zivē džirare vīve virare vīvē torkʷe:re torθer tōrtfere turser turser tōartfe kadere kaer kadere tjjade tōbe tume dare dare dona:re dōne donare dine tene:re tener tenere tēv ter tsine segurar eksprimere epēdv ekspremir sprēmere isprēmēv isprāmer āspremā esprimi skreme serrere serar sešā serare sešv θerar serrare sere appetora:re apretar stringere etēdv estrepir strindžere stringe strindže frika:re fūēje fregar fregare frea freka frikta:re fūote frettare fūote laware lave lavare lave tergere tērdžere ekstergere estarsir fterdže eksu:ka:re esqije enxugar affugare suwe limpida:re tira:re tivē tirare tire pulsa:re puse pulsare trahere trarre traze trēzer tradže impingere impinđere impinđe jakta:re zōte eŋar džettare džete lanke:re lāse lanfjare e:runka:re arronfjare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kutfjire kuzer kuzer qōase komputa:re kōte kontare kōte e:numera:re enumev enumerar enumerare enumerar enumerar enumera numera:re nōbēc novurare numera numera: dikere deθir dire dizer dizer zifē ekspo:nere sporre spune kanta:re fūte kantare tjjāte lu:dere jōka:re zve džokare džuwe flu:ktuare flykttje fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare kōle ekskurrere eskurir skorrere iskošv iŋkurer skurdže kurrere korer korrere kōvēc kušer kurđe gela:re zōle elar dželare džale glakia:re glase gjatfjare inglakia:re ingetsa aųgmenta:re ogmāte aųmentar aųmentare aųgmentar aųgmentar augmenta infla:re āfle enfiare ēfle enfla: konfla:re gōfle gonfjare gōfle intume:skere entumeθer itumeser itumeser kre:skere kreθer kreffere kresev krišser krefā krefte bōyle brufare bōu:le krema:re kvāme kemar kremare kējmare kējmāve flamma:re flame fjammarē arde:re arder ardere āvdek vder arde flagra:re flagv flagrare inkendere ēsādje enθender inŋendjare isendžiar ānsendrā inŋindže ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espo spesso ispesu grabe grēve grew grew lerdō lerdō pekepo pekenu pikenu brewis brebe brew bŋef etŋwa estrefo stretto menudo delyādo delikato dewgadu subti:lem sottile subtsire freddo rekentem reθjente reŋfente vēsēfi vēsēfi

Appendix 3 - Words containing each segment

retsint retʃe ʎeno nweβo wetulus bjexo veʎu veʎ vjei vekʲ bweno putred putrem poðre drept redondo ʝedōdu hebetem ebete retu:sus retuzo sua:wem soave netto neted umed seko sekko seku seku sek korretto proizme adpropre aprɔape pressus pɾe beθino vefʃin θerka dekstrum djestro destrə djestri sinjestro sinistro sijestri vermikulus bermexo vermíʎo vɛɾmeʎu rubeus rubeo rubeo ruðʒe wiridem vɛɾ berde verde verdi verdi verde galben amarellus krokeus kroʃeo due tres tre tres tref kʷi:nkʷe ʃɲɪkwɛ ekkumhi:k kʷem kjen ʃɲine ke ke ʃe ʃe kome ʃɲemu:t nek ne en deintus avek et e e e e ke ke ke

f 0066 24
fe:mina fam femmina femɐv femje fembra fœm femine femeje infanтем d̥f̥ā infante fante if̥ɛʃi if̥ɛti ef̥ā fru:ktus fɹɥi fruto frutto frute frute frujt fɹɥ frut frukt folia fœj fɔʎʎa foʎv foʎv fuʎə fɔj fwee fɔaje frondea frondza frōsɐ frōsɐ frunzə flo:rem flœx flor fjo:re flox flor flɔ flɔx flor: flɔare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato figeðu fiyeðu fedʒə fə:t fija:t fikāt flu:men fjume flumi flumi flum fu:ma:ta fyme fumata fuma:ta fumasɐ fumasɐ fumate ni:f ne:f fu:mus fumo fumu fumu fum fum fum fokum fə fwego fwɔko fogu foɣu fɔk fə: fu:k fok suffla:re sufle soffjare sufle sofʎa: sufla fra:gra:re flæx fragrare flɔjra findere fādx fəndere fēdex fēder fəndrə fēt fodere fwɪx frika:re fɹæje fregar fregar frəga froj frea freka iffriar iffriar frikta:re fɹote frotar frettare fɹote frisar frəsa flu:ktua:re flyktɥe flugtwar fluttuare flutuax flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwɪx flwir flui infla:re d̥fle enfiare imfla ɛfle enfla: umfla konfla:re gōfle gonfjare gōfle zgloɲa: flamma:re flame fjammarɛ flama flama: flagra:re flagx flagrar flagrare flagxax flagrar gɹijɛf bɹɛf bɹɛf fri:gidus fɹwa frio freddo friu friu fret fɹwɛ fret pu:f

h 0068 40
hominem homo: pɛhō u:hɛ herba hare:na kinɔh hɔ:si trahere hebetem ekkumhi:k abhoc

i 0069 7
io noi vo:i fe:mina femmina femine mulierem domina hominem infanтем infante if̥ɛʃi nijo nino ispoza mulier mari mariðo marito maridu meriðu marit mærit ispozu sokius mari pari animalia alimapa be:stia biffa biʃɐ biʃɐ bis piskem pejʃi avi awikellum pidɔkkjo pioʎu pioʎu pedoli seɾpɛʃi sarpint vɛɾmi aɾvori silwa fɹɥi sementis simjente semɛʃi simɛs grin folia raiθ ʝais ʝɛʃ ʝadi ʝasin rəðəʃinə kortikem kortiʃe kɔɾʃisi kɔrtisi kortikea kɔɾʃisɐ kurtisɐ rista ʝɛʃi kɔɟiɐ kodie peli kəɹni bibjenda vivanda vivēda vivēde sangʷinem sɛgi adipe pilus kapillus ʃɲivja kapitia o:rikla voli nariθ nariʃe naris neriʃ dɛʃi dint dinte piez petiolus peθiolo pitʃɔlo pitʃɔr genikulum inoxo d̥zinɔkkjo d̥zinɔ d̥ɛnoli vintri vintre pantikem intera:nea iʃpadwɛ iʃpadwɛ sinus si pi pit anima anime inimə iyaðo figeðu fiyeðu fija:t fikāt solikulus soreli istrelɐ pluwia plɥi flumi rio rio ɹiɥ ɹiu riw ripa:ria ɹivjɛx rivi:x lapidem lapide arinə nu:bilus ka:li:ginem kalina kalid̥ʒine kalizɛj kɛlizɛj tinjɛblas kajkia 'vint niwem nevi kinerem θeniθa ʃɲinize wia bia via vie vie biə istradɐ iftradɐ kamino kammino kemjnu kəmi mōʃi nɥi nit die:s dia di die die diə di zi diurnum diurna:ta nomi no:minem lingʷa lingwa limbə bibere bevi mwardi morsikare morsikare kuspɪx kufpir eskupir əskupi vomɪx vo:mi respirar respirare ʝespirar ʝɪʃpirar rəspira respira: ɹɪx reir ɹɪx ɹir riwrə ridi wide:re vjodi wɪx oir udire owvɪx owvir ui auzi ʃti kinɔh kɔposi ko:ɡita:re kɥide kwidar kɔɟitare kuzitar kuzitar sātɪx sentir sentire sɛʃɪx sɛtir sənti sɛti sinti: simtsi olire time:re temi trima: dɔɹmɪx dormir dormire dɔɹmɪx durmir durmi dwaxmi dormi vivɪx bibir vivere viveɹ viver biwrə vivi via muɹɪx morir morire muri mɔri muri tu:ta:ri ɔksɪx utʃidere uksi utʃide batir bati kaptia:re ta:lia:re di:widere dibidir dividere d̥ʒivid̥ʒɪx diviðir dibidi dividi divide skindere findere findere paxtɪx partir partire paxʃɪx pɛtir pərti pɔ:rti pɥɹɪx pɥɹir pupi fwɪx iʃkɛvax iʃkɛvar naviga:re navigare naviga: naviga fəmine kaminar kamminare kemjɲax kemjɲar kəmina ʃɲimine camina: ambita:re vənɪx benir venire vɪx vir bəni vini vɲi: veni istēdex iftēder ekstinde zɛzɪx jesi altia:re zɪxɐ xɪrar d̥ʒirare ʒɪrar ʒɪrar ʒira d̥ʒira: vɪxɐ birar virare virar ʒɪrar bira vɪxɐ d̥ʒira: kɛir kɛir dine tənɪx təni tini tinji tsine eksprimere ekspremir iʃpɾəmeɹ iʃpɾəmer esprimi stringere estrepir strind̥ʒere əʃtrɪʒir əʃtrɪʒir stringe frika:re frikta:re frisar estarsir əstəɹzi esɥije limpida:re limpjar tira:re tiɹɐ tirar tirare ʃira tirar tira tire tira: impingere impind̥ʒere impind̥ʒɐ xita liga:re lie ʎiɹa kuʃire kuzi kuzi diɹ deθir dire dizer dizer di zɪʃɐ ludir fluita:re fluitare fluir fluire flwɪx flwir flui eskurir iʃkɔxɐx iʃkuxɐr kuɹɪx kɔri kori glakia:re inglakia:re infla:re inʃar enfiare imfla intume:skere inkendere int̥ɛnd̥ʒare int̥ɛnd̥ʒɐ oɲpi altri alius grɛd̥ʒi spissus ispesu iʃpesu grawis gɹijɛf gravi gravi pittitus pəti pətit piti 'pittinus pitʃino putsin pitulus pikkolo pitʃul brewis brevi striktus istrejtu minu:tus minuto miudu miuðu minu minu:t de:lika:tus delikato d̥əlikat sutil sottile suʃiw suʃiw suptil su:ti subtsire kalidus fri:gidus frio friu friu ʝesɛʃi ʝesɛʃi retsint plin vjei putridus poðriðo putrido puðrit podri sordidus sordido sordido sordidu ispurku iʃpurku dritto d̥ʒirejtu direjtu ritondo nitidus niðio umidus umido umid sikkus proksimus proximo pɾɔssimu prosimu proizme prosim beθino viʃɲino vizjnu vizjnu bæi vizɛ viʃɲin vefʃin kirka djestri sinistrum sinjestro sinistro sijestri vermikulus vermíʎo wiridem galbinus amarijo kwatri θinko ʃɲɪkwɛ siɲk ʃɲɪk ʃɲɪɲ isi aki kwi aki ɛki aki aki illa:k ibi: vi ai ai ei kʷis ki ki ki kwi ʃɲine kʷid ki ni ni ni in in deintus dins i i i i si si si si si si si fi ki

Appendix 3 - Words containing each segment

j 006A 12
jo jew nojs vɔjs femjɐ 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 pitʃjor 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 ʃjɔade tinji esujje suja: limpjar jakta:re lɔji: jɔka:re ɟuja: gjatʃjare gonfjare ʃjammare ɛsɔdʃe inʃɛndjare isɛdjar majjo:rem ampjo gɔijɛf reʃjente pjɛ:no vjɔ bjexo vɛkkjo vjei djestro djestri sinjestro rubjo rɔbbjo kjen

k 006B 51
sokius piskem awikellum kanem kan kane kɛw̃ kɛw̃ ka kijne peduklus pidɔkkjo pɔdukje fru:ktus frukt ra:di:kem ra:di:ke ra:di:ki:na kortikem kortiʃe kɔrʃisi kɔrtisi kortikea korteθa kortetʃa kɔrʃisɛ kurtisɛ skorteα ekɔs skɔrtsα ɔskɔrsα skwas skwartse skɔartsα kwan kotenna kodʃiɛ kodʃiɛ konnɔ karnem karne karni karni karn karne saŋk kɔ:ɟ kɔnu: kɔn kwerno kɔrno kɔnu kɔnu kɔn kwen kwa:r korn kaɟda kɔ kola koda kawdɛ kawdɛ kua kɔw kɔdɛ kapillus kabejo kapello kabelu kɛβɛlu kɛβɛl kapitia kɛβɛθa kavetʃsa kabesɛ kɛβɛsɛ kap kap o:rikla orekkja ureke okulus ɔkkjo bukka boka bokka bokɛ bokɛ bokɔ bok bukɔ kambɔ pɛkol genikulum ɟinɔkkjo pantikem kollum ku kwejo kollo kɔlu kɔlu kɔl kwɛl pektus kor kɔɛ kwɔre kɔɛ kor kor ku:ɛ ku:r fika:tum fikat solikulus akkwa lakum lak ʃak lak lak saksum ka:li:ginem kalina kalidʃine kalizɛj kɛlizɛj kajkia kajlum fokum fwɔko fɔk fu:k fok kinerem kammi:num kamino kammimo kamjnu kemjnu kɔmi komedere komer kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka konspuere kɔspye kuspiɔ kuspɔr eskupɔr ɔskupi skuja ski:re kogno:skere kɔnɛtɔ konɔθɛr konɔffɛr kɔpɛsɛr kupiser kunɛʃ kɔnɔh kɔposi kunɔaʃte kɔ:gita:re kɔide kwidar kodʃitare kuzitaɛ kuzitar kujda kudʃeta kɛdɛ neka:re neka makta:re okki:dere ɔksɔr uksi kaptia:re kaθar kattjare kasɔr kɛsar kɔsa seka:re kurta:re kortar kɔtɔr kurtar ekskurta:re ekurte skortare skurta: skurta skindere raskar ɔaʃkaɛ ɔɛʃkar rɔska kosaɟ kusar kawa:re kabar kavare kɛvaɛ kɛvar kɔba ekskawa:re eskabar skavare iʃkɛvaɛ iʃkɛvar kaminar kamminare kemjɔaɛ kemjɔar kɔmina ekstendere ekstender ekstinde jake:re kadere kaer kadere kɛir kɛir kawrɔ kɔdɛα eksprimere ekspremɔr skreme appekto:re frika:re freka frikta:re ekstergere eksu:ka:re uska jakta:re lanke:re e:runka:re arankar aruŋka kɔ:nsuere kudɛ koser 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 kɔnta kinta jɔka:re ɟɔkare zuka flu:ktua:re flyktɟe fluktua kɔ:la:re kule kolar kolare koaɛ kuar kuʃa kɔle ekskurrere eskurɔr skorrere iʃkɔvɛr iʃkureɔr ɔskorɔ skori: skurdʃe kurrere kuviɔr korer korre kɔvɛr kuɛr korɔ kɔri kori kurɟe glakia:re inglakia:re konfla:re intume:skere kre:skere kɔwatɔ kreθɛr kreffɛr kresɛr kriʃsɛr krefɔ krefte kremare: krame kemar kremare kejmare kejmɔr krɔma inkendere okɛ alkuno paɟkus poko pɔko powku powku pɔk pɔ:k lunk ʃark lark krassus pekeɟo pekenu pikenu pikkolo kurtus kuɛ korto korto kuʃtu kurtu kurt ku:ɛ kurt striktus de:lika:tus delikato dolikat kalidus kaldo kaldo kawdu kaldu kaʃ kald rekentem vɛkkjo sporko ispuɔku iʃpuɔku spɔrk spurk di:re:ktus aku:tus sikkus sek seko sekko seku seku sek sek korre:ktus korretto proksimus wi:ki:nus kirka θerka dekstrum vermikulus krokeus krotʃeo grɔk katɔ kwatro kwattro kwatru kwatru kwatrɔ kwat kwatri sɛk θinko ʃɛŋkwe siku siku siŋk sɛk 'ʃɛŋk 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 si:k kɔ ke ke ki kɔ ki: ke kɔ

l 006C 32
mulierem mulier animalia alimajna nema:l awikellum utʃfello utʃjel peduklus pedoli aɔβol albero arbul silwa selba selva selba selve pa:lus pal palo palo pal pa:l folia ɔrel flo:rem floɛɛ flor floɛ flor flɔ flɔ: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 ɔŋgule 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 alme so:lem sol sole sɔl sɔlɔ solikulus sɔlɛj soreli lu:na lyn luna luna lue lue lɔn lune lunɔ ste:lla etwal stella istrelɛ iʃtrele ɔstel stɔ:l stele pluwia plɟi pluɟɔ plu:ɛ ploje plɔaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak la:t lak sa:lem sel sal sale sal sal sa:l lapidem laude lapide sabulum sabl savalɔn sabula pulwerem polvere polvar pulbere pulwus polbo pols nu:bilus nublo nuvola nublado nublado nu:l ka:li:ginem kalina kalidʃine kalizɛj kɛlizɛj nebula njɔly njebla newlɔ tinjeblas kajlum sjɛl ʃjelo ʃjelo sɛl ʃi:l gelu: zel jelo ɟɛlo glas gles glatʃe lingʷa lɔg lengwa lingwa ligwe ligwe lɛy 'lengɛ 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 zygye jugula:re wola:re vole bolar volare bula vɔle zvolare zvola: leva:re lɔve levare levɔr livar lɔve leva: lua altia:re alθar altsare ɔlsa altʃa: lawa:re lave laʃar lavare levar levar lave lava: la limpida:re limpjar lipar lipar pulsa:re pulsare pulsa: pulsa lanke:re lɔse lanθar lanʃare lɛsa lɛsar lanci: lanʃa: liga:re lie legar legare lɔji: lea: lega lu:dere ludir flu:ktua:re flyktɟe flugtwar fluttuare flutuɔr flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwɔr

flwir flui ko:la:re kule kolar kolare k le gela:re z le elar  gelare zilar zilar z la  gale glakia:re glase gl sa gl  fa: inglakia:re
 inf la:re   fle im la   fle en la: um la kon la:re g  fle g  fle zg   fa: b  yle b  :le flamma:re flame flama: flagra:re flag e flagrar
 flagrare flag    flagrar ustula:re ustolare multus molto mol molc mult alguno alkuno  lgu alter altro altr  altri alt alius
 longus l  longo lungo l gu l gu l  lunk lung largus l    l  yo largo l  gu largu lark larg la:tus le lato lato latu latu lat
 amplus   pl ampl  lurdus l    lerdo lordo lerdo lerdo pitulus pikkolo pi   l de:lika:tus d     o delikato d   kat subti:lem
 sutil sottile sup il suti:l kalidus kaldo kaldo kaldu calt kald ple:nus pl   pl   plen plin wetulus malus mal malo malo mal
 ma:l lw     lontano lontan vermikul s galbinus galben amarellus               albus albo albo alvu alb alb illa:k la la
 la la la la

fe:mina fam embra femina femew femjē fembra fœm femine femeje mulierem muxer moʎle muʎek muʎer muʎe muir
mujere domina dam døm døamnə hominem ɔm ombre omēj ɔmēj ɔmə ɔm ɔm om homo: wɔmo infantem mulier muxer
moʎle muʎek muʎer muʎe muir mujere mari:tus maʁi mariðo marito maridu mæriðu marit mari:t mærit ma:trem meʁ
maðre ma:dre mēj mēj marə meʁ mari animalia omaj alimaja nema:l namaje piskem awem awikellum passerem kanem
serpentem wermem berme verme veʁmi vermi verm vjerme arborem se:men seme sementis sēmās simjente semente
semēʃi simēti sæmen simēs sementʃe sæmintʃə gra:num ra:di:kem kortikem flo:rem gra:men gʁamen grama grēme greme
gram fu:nem restem pellem karnem sangʷinem ossum adepem o:wum plu:ma plym pluma pjuma plomə pləm plume
dentem pedem gamba gamba gamba kambə jambe gambə genikulum manum mē mano ma:no mēw mēw mē maʁ
minə wentrem pantikem kollum dorsum anima ɔm alma alma awme alme ɔ:m anime inimə fi:ka:tum so:lem flu:men
fjume flumi flumi flum lakum mare meʁ mar mare maʁ mar mar meʁ ma:r mare sa:lem saksum lapidem sabulum
pulwerem ka:liginem fu:ma:ta fyne fumata fuma:ta fumasə fumasə fumate kajlum wentum niwem fu:mus umo fumo
fumu fumu fum fum fum fokum kinerem kammi:num ʃəmē kamino kammino kamjnu kemjnu kəmi montem mō monte
monte mōʃi mōti mun mōnt munte monta:nea mōtaʁ montaja montaja mōtēʁ mōtēʁ mōtəʁ mōtaʁ mōtaʁ mōtaʁ
noctem diurnum annum no:men no:me nomi nom nume no:minem nombre limbə komedere komer kome kumer
mandukare mōʒe mandukar mandʒare mēʒaʁ mēʒaʁ maʁʒa maʁi: maʁja: minka morde:re moʁdɛ moʁdɛ moʁdere moʁdɛʁ
murðer mwardi morsika:re moskar morsikare musəga musəgar musəʒa murseka womere vomix vɔmere vo:mi vɔame simtsi
time:re temer temere temek timer temə temi teme tremere tremek tremare tremek trimer trima: dormi:re dɔʁmiʁ dormir
dormire dɔʁmiʁ durmir durmi dwæmi durmi: dormi muʁix morir morire moʁek muʁer muri mɔri muri: muri makta:re
mate matar mataʁ mɛtar mɛta matʃa: ʃəmine kaminar kamminare kemijnas kemijnar kəmina ʃimine camina: maʁʃe ma:ʁʃi:
mergere merʒere merʒe ambita:re tumar tumba tume eksprimere ekspremir spremere iʃpʁəmek iʃpʁəmer əspʁemə esprimi
skreme limpida:re limpiar impingere impinʒere əmpɛʁə impinʒe komputa:re kumta e:numera:re enumeʁe enumerar
enumerare enumerar enumerar enumera numera:re numera numera: numara aʁgmenta:re oɡmōte aʁmentar aʁmentare
aʁgmentar aʁgmentar augmenta imfla umfla intume:skere entumeθer itumeser itumeser krema:re kʁame kemar kremare
kejmare kejmaʁe kʁəma flamma:re flame ʃjammare flama flama: omne:s multus mu muʃo molto mūjtu mūjtu mol mɔl
mult magnus maʁo maʁno grandem majjo:rem mare amplus ampjo amplə strimt minu:tus mənɔ menudo minuto miudu
miuðu mənut minu minut: mærunʔ subti:lem re Kentem malus mal mal malo maw maw mal mɔ: ma:l putrem hebetem
sua:wem u:midus umido umid umed proksimus proximo pʁossimo pʁosimu pʁosimu pʁoizme pʁosim dekstrum sinistrum
vermikulus veʁmej bermexo vermeʎʎo veʁmeʎu virmejʎu bəʁmeʎ viridem amarellus amarijo əmaʁelu əməʁelu u:num
ekkuhhi:k kʷem kʷo:modo kɔmɔ komo kome komu komu kɔm kɔmē ʃtemut: kum kum

no:s nu nos noi nojs nof no no: noj fe:mina femmina femine domina donna done done done done dōamnə hominem
infantem infante fante nijo nino nenēj nenēj nen sponsa sponsus animalia nema:l nəmajə kanem kan kane can kijne
serpentem serpjente serpente sərpen sarpint se:men sementis simjente semente səmen semenfje səminfja gra:num gʷer
grano grano grin gran frondea frondza frunzə rə:di:ki:na ʱasin ʱəsən rədəfjina gra:men gʷamen fu:nem fune funje kwan
kotenna konnə karnem karne karne kaʀni karni karn karne wi:wenda bibjenda vivanda sangʷinəm sangwe sindʒə kornu:
kəʀn kwerno kəʀno kəʀnu kornu korn kwen korn penna pən penna penə penə pen penə panə na:sus ne naso na:so nas
ne na:s nas nariθ nariʃe naris nərif na:ris dentem dʒente dente dint dinte ungula ungie perna pjerna perno pəʀnə
pəʀnə pəʀnə genikulum zənu inoxo dʒinəkʃjo zənoʎ dʒino dʒenoli dʒenunkʰ manum mano ma:no minə wentrem bjentre
bentrə vintri vintre pantikem panθa panfja pantse pintefje intera:nea entrəpa əntrəpə sinus seno seno sen san anima
anime inimə lu:na lyn luna luna ʎunə lən lune lunə flu:men hare:na arena ərenə arinə savaln nu:be:s ny nube nube
nuvėj nuvėj nu:bilus nublo nuvola nubladu nubladu nuʃuθ nu:l nor kali:ginem kalina kaliɖʒine nebula nʒɔly njebla nebbja
nəvwə nəvwə newlə negurə tene:braj tə:nebre tene:bras tenəbʁ tinjeblas tə:nebre tənebrəs wentum bjento vənto ben ʰvint
vint niwem njebe neve nevi nevi new ni:f ne:f ɳəa kinerem ʃʒenere səndrə θeniθa ʃʒinize ʃʒenuʃə kammī:num kamino
kammino montem monte monte mun mōnt munte monta:nea montəpa montəpə muntəpə muntəpə mōntəpə noctem nʒi noʃe
nɔtte nojti nojti nit nyt noapte diurnum dʒurno dʒorno zorn zəʀna zəʀna diurna:ta zʒyne xornada dʒornata dʒornade

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 pe:nsa:re pensar pensare pənsa senti:re sentir sentire sənti 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 toɲnax turnar turna tu:rne torna: turna dona:re dōne donar donare duna dine dona: tene:re tənix tener tenere təni tini tinji tsine stringere strindžere stringe 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 enumeɣe enumerar enumerare enumerar enumerar enumera:re nōbɣe noverare numera:re numara ekspo:nere spune kanta:re kantar kantare kənta canta: kinta inglakia:re ingetsa aɣumenta:re aɣumentar aɣmentare aɣmentar aɣmentar aɣmenta 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 mənɣy menudo minuto mənut 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 nədʒu nədʒu net net net
ed wiki:nus beθino vitfino vitfin vetfin lontano lunta lontan sinistrum sənəstɣ sinjestro sinistro galbinus zon dʒen galben u:nun uno uno un unu k^w:ink^we θinko ffinf kjen ffine k^wando: kwando kwando kwan kwand kwant kind no:n nō no non nəw nəw no nō no nu nek ni ni ne nəj nəj ni nē in en in ən in deintus dins kon kon

O 006F **6**
jo io jo nos no bos vof vos vose voste mołłe domina dona done done hominem ombre oměj om homo: wəmo nijo nino sponsa esposa ispoza ifpozə mołłe mariðo marito sponsus esposo spɔzo ispozu ifpozu sokius sɔfjo sots omaj wazo utfello paxaro passero pjoxo pidəkkjo piołú piołú poł pedoli arborem arβol albero aɣvori arbore palo palo fruto frutto grano grano folia oxa fołe fołe frondea frondza kortikem kortiŋe kortikea korteθa kortettja koɣfise skortea ekɔxs 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 oɣej orexa orekkja orełe oɣejłe orele okulus oxo əkkjo ołú ołú voli ok^l naso na:so boka bokka boke boke bokə gola gola golə perno petiolus peθiolo pitfjolo pekol pitfjor inoxo dʒinəkkjo ɣənoł dʒenoli 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 montəɲna noctem nofje dʒurno dʒorno zorn xornada dʒornata dʒornade əno anno nomi nomi nombre komedere komer kome morde:re moɣdɣ morðer moɣdɣ morsika:re moskar morsikare konspuere womere vomix soffjare sofla: vjodi oir owvix owvir kogno:skere konoθer konoffere koɲesəx koɲosi kođitare ole:re oler olire odo:ra:re odorare dormi:re dormir dormire doɲmɣ dormi morir morire moɣəx okki:dere kortar koɣtəx skortare kosaɭ fodere nwotare wolə:re vole bolar volare voax zvolare zvola: ose torna:re tornar tornare toɲnax torna: tork^w:ere torθer dona:re donar donare doa dona: appekto:re fɣote frotar fɣote arronfjare koser komputa:re kontar kontare konta: noverare sporre joka:re dʒokare zogax kolar kolare koax skorrere ifkoɣəx əskorə skori: korer korrere koɣəx korə kori oɡmɔte konfla:re gonfjare zglonfja: ustolare omne:s oɲpi todo tutto todə toðu tot tot mufo molto mol molc tanto tanto okɔə alguno alkuno poko pɔko powku powku otrə otro altro owtru owtru mapo mapno longus longo lungo loɲ laryo largo lato lato antjo ampjo graso grasso espeso spesso gordo grossus ɣɔo ɣɔsso grosu grosu gros lerdo lordo lerdo lerdo pekeɲo pitfino pikkolo korto korto angosto angusto estrefo stretto menudo minuto delyaðo delikato sottile fo kaldo kaldo frio freddo ləno pjəno nowus nuvo nweβo nɔvo novu novu now bjexo vekkjo bonus bweno bwɔ:no malo malo poðriðo putrido poðre podri poðri sordidus sordido sɔrdido spɔrko dritto rotundus redondo ritondo rədo aɣuðo retuzo soave niðio netto umido seko sekko korre:ktus korretto proksimus proximo prəssimo prosimu prosimu proizme prosim adproppe presso beθino vitfino lontano lontan djestro destro sinjestro sinistro roxo rosso ɔofu ɔofu ros rofu bermexo vermiłło rubjo rəbbjo rubeo rubeo zon amarijo krokeus krotfjo albo albo uno uno dos dos dowə k^wattwor kwatro kwattro θinko kwando kwando k^w:o:modo komo kome komu komu no non no no kon kon abhoc k^wod

p 0070 **48**
sponsa epuz esposa spɔza ispoza ifpozə əspɔzə sponsus epu esposo spɔzo ispozu ifpozu əspɔs spo:s patre peɣ padre pa:dre paj paj parə pə:ri piskem peθ pefje pejfi pejfi pef pəs pefte pwasə pehə passerem paxaro passero pasəru pasəru pasəre peduklus pu pjoxo pidəkkjo piołú piołú poł pju pedoli pədukje serpentem səɣpə serpente serpente səɣpəfji sirpəti səɣpen sjəɣpə 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 peɲa penna penə penə peɲə

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 panfja pās pantse pintēfje spatula epol espalda spalla ispadwē ispadwē əspaʎʎə spal spalē spate pektus pi
 pefjo petto pejtu pejtu pit pēt pjept apə pluwia plūi pjodža plužə plu:ʁ ploje pləaje ri:pa:ria petra pjeʁ pjeđra pje:tra
 pedrē peđrē peđrā pi:ʁ pje:re pjatrā lapidem lapide pulwerem pudʁ polvere pəlvar pulbere pulwus polbo pō pō pols
 nqapte konspuere kōspye kuspīʁ kufpīʁ eskupīʁ əskupi skuja sputere esputar sputare spuda: respi:ra:re respirar respirare
 ʁespirar ʁispirar ʁəspira respira: sapere sapere pēnsa:re pāse pensar pensare pēsəʁ pēsar pənsa pēsē pēnsa: pəsa pugna:re
 puɲar puɲare puɲa kaptia:re pulsa:re puse puxar pulsare puʃəʁ puʃar pulsa: pulsa parti:re partīʁ partīʁ partire pakfīʁ
 pərtīʁ pərti pō:rti parti: se:para:re separar separare separəʁ sɛpəʁa separa: separa pungere pŵēdʁ punđere pūzīʁ
 pūzīʁ puɲi punđe eksprimere epŵēdʁ ekspremiʁ spremere isprəməʁ isprəmer əspremə esprimi appektora:re apretar ɛpirtar
 ɛpirtar limpida:re limpjar lipar lipar pulsa:re puse puxar pulsare puʃar puʃar pu:si: pulsa: pulsa impingere impingere
 əmpɛrəʁə impindʒe apta:re komputa:re ekspo:nere sporre spune paɲkus pø poko pəko powku powku pək pō po:k amplus
 ʁpl ampjo amplə spissus epe espeso spesso ispesu ispesu əspes spe pittitus pəti pətit piti 'pittinus pekeɲo pittfino pekenu
 pikenu putsin pitulus pikkolo piʃul suptil ple:nus plē pje:no pte plē plen plin putridus pođriđo putrido puđrit putred
 putrem pođre podri pođri spurcus spərko ispurku ispurku spərʁ spurk drept proksimus proximo prəssimo prosimu prosimu
 proizme prosim adpropre əpɾəp əpɾəpe pressus pɾe presso pɾe patru

r 0072

33

mulierem mui:r mujere mulier mui:r mujere mari:tus marito mari:t mərīt ma:trem ma:dre mari patre pa:dre pər pari
 passerem passero serpentem serpente sərpen sarpint wermem verme vjer vjerme arborem arbul arbore fruktus frutto frut
 frukt gra:num grano grin gran griw frondea frondža ra:di:kem raiθ ərel ra:di:ke radi:fje ra:di:ki:na rədəfina kortikem
 kortifje kortikea kortettja skortea skōtsa əskōrsə skwartse flo:rem flo:r herba erba erbə jarbe gra:men restem rēsta karnem
 karne karn ca:r kornu: kōrno kōrn kwar: kōrn o:rikla orekkja orele ureke nari:fje na:ris perna perno pērnā pitfjor wentrem
 vintri vintre intera:nea dorsum kor kwəre kor kur soreli ri:wus rio rio riw riw ri:pa:ria rivi:ʁ mare mare mar ma:r mare
 sare petra pje:tra pje:re hare:na arinə sorə pulwerem polvere pəlvar pulbere terra tjera terra tərə tjere tsarə nor negurə
 tene:braj tē:nebre tene:bra:s tē:nebre đer kinerem tʃenere sendrə stra:ta strada diurnum đorno diurna:ta đornata đornade
 bibere komedere manduka:re morde:re mōrdere mwardi morsika:re morsikare musəgar murseka su:gere konspuere sputere
 womere vōmere suffla:re soffjare respi:ra:re respirar respirare ʁəspira respira: ri:de:re reir ri:dere riwə ridi wide:re aɟdi:re
 ski:re sapere sapere kogno:skere konoffere ko:gita:re kođitare pēnsa:re senti:re sentire olere olire odo:ra:re odorare
 fra:gra:re fragrare time:re temere tremere tremare trima: dormi:re dormire durmi durmi: dormi wi:were vivere morire muri:
 muri neka:re annegare tu:tari makta:re okki:dere pugna:re puɲare battuere battere kaptia:re katfjare pulsa:re pulsare
 sekare segare kurtare kurtare ekskurta:re skortare skurta: skurta ta:lia:re taʎʎa:re di:widere dividere skindere findere findere
 fendere parti:re partire pərti parti: se:para:re separare separa: separa pungere punđere jugula:re jugula:re ra:dere raer
 radere rawrə rada: rade rasar rasare rəza rasa: raskar rəska fodere kawa:re kavare ekskawa:re skavare nata:re naviga:re
 navigare wola:re mergere mērdʒere mērdʒe ambita:re andare weni:re ekstendere estendere jake:re đere sedere sedere
 sedentare stare stare leva:re levare altia:re altsare torna:re tornare turna tur:ne torna: turna gya:re đjirare đjira: virare
 đjira: torkʷe:re tərʃere turser turser tōrsə tɔarʃe kadere kawrə dare dare dar dona:re donare tene:re eksprimere spremere
 isprəməʁ isprəmer esprimi skreme serrere serar səra serare θerar serrare appektora:re stringere strindʒere əʃtrīzīʁ əʃtrīzīʁ
 stringe strēngi: strindʒe frika:re fregare froj frea freka frikta:re frettare frisar lawa:re lavare tergere tērdʒere ekstergere
 əstərzi ʃterđe eksu:ka:re affugare limpida:re tira:re tirare tire tira: pulsa:re pulsare trahere trarre traj tradʒe impingere
 impindʒere jakta:re đettare lankea:re lanfjare e:runka:re arankar arronfjare liga:re legare apta:re ko:nsuere kufjire komputa:re
 kontare e:numera:re enumerare numera:re noverare numera: numara di:kere dire ekspo:nere sporre kanta:re kantare lu:dere
 joka:re đokare flu:ktua:re fluttuare fluita:re fluitare fluere fluire ko:la:re kolare ekskurrere eskurīʁ skorrere əskorə skori:
 kurrere korer korrere korə kori gela:re đgelare glakia:re gjattfjare inglakia:re aɟmenta:re aɟmentare infla:re enfiare konfla:re
 gonfjare intume:skere kre:ske:re kreffere brufjare bruza: krema:re kremare krəma flamma:re fjammarde:re ardere flagra:re
 flagrare inkendere intfendjare ustula:re ustolare ustura alter altro altri grandem grande gran grant majjo:rem largus largo
 lark larg krassus grasso gras gras gurdus grossus grōsso grwəs gros grawis greve grav grevi lurdus lordo kurtus korto
 kurt brewis breve striktus stretto strēt strimt mərunt subtsire fri:gidus freddo frē:t rekente
 m reθjente reʃente retsint reʃe putridus putrido putred putrem sordidus sōrdido spurcus spərko spərʁ spurk di:rektus
 dritto drō: drēt drept rotundus redondo ritondo rədo rō tarənt rətund retu:sus retuzo korre:ktus korretto proksimus
 prəssimo prosim adpropre əpɾəpe pressus presso pɾe kirka dekstrum dēstro djestri sinistrum sinistro sijestri russus roxo
 rosso ros rəs vermikulus vermīʎʎo bərmeʎ rubeus rubjo rəbbjo rubeo rubeo ruđʒe rəʃf rojb wiridem verde vert amarellus
 krokeus krotʃeo tre:s tre tres trō: 'tre: trej kʷattwor kwattro kwatri patru

S 0073

14

no:s nos nōjs wo:s bos vōjs bus vos usted vose vōse voste sponsa esposa spoza ispoza əspōzə mari:tus sponsus esposo

Appendix 3 - Words containing each segment

spozo ispozu aspōs spo:s sokius sōfō sots be:stia bis piskem pēs pwasō useł passerem passero pasēru pasēru pasēre peduklus serpentem sēpā serpjente serpente sēpēfi sirpēti sārpen sjeḡpē sarpint silwa selba selva sēwva sēlve selba sēlve pa:lus fru:ktus se:men seme sementis sēmās simjente semente semēfi simēti sāmen simēs sementfē sāminfē frōse frōse kais kasin kēsen kōḡfisi kōrtisi kōḡfise kurtise skortea ekōs skōrtsa āskōrsā skwas skwartse skōartsā restem rista resta sangwīnem sā sangre sangwe sēgi sēgi saḡ sō:g saḡk sindḡe ossum os wesō osso osu osu os vwēs os gḡēs grasa pilus kapillus kavettisa kabese kēḡese testa testa testē testā fjes teste tēastā okulus na:sus naso na:so nas na:s nas naris na:ris petiolus pās pēse pēse pās dorsum dōsso dos dwes spatula espalda spalla āspałłā spal spale spate sinus sē seno seno seju seju si sen san pektus so:lem sol sole sōw sōł sōł sōare solikulus sōlej soreli ste:lla estreja stella istrele āstel stō:l stele stēa ri:wus sa:lem sel sal sale saw sal se sa:l sare saksum sasso sejfū sejfū sabulum sabl sajbū sajbū sorā so:vjō savalon sabula sabbja pulwus pols nu:be:s nu:bilus tene:bra:s tinjeblas tēves tēnebrās fumase fumase sjel sēw sēw sēl si:ḡ glas glas gles fumus sādḡ sendrā sē:d sizēf sizēf stra:ta estrada strada istrade dies morsikare moskar morsikare musāga musāgar musāḡa murseka su:gere syse sugaḡ sugar sysi: suḡe konspuere kōspye kuspiḡ eskupir āskupi skujpa sputere esputar sputare spuda: suffla:re sufle soffjare sufle sofla: sufla respi:ra:re respirar respirare wspirar rēspira respira: ski:re sapere savwaḡ saber sapere sabēḡ sēber sāḡe savō:r save: kogno:skere kopeseḡ kupiser koposi pe:nsa:re pāse pensar pensare pēsāḡ pēsar pānsa pēse peḡsa: pāsa senti:re sātix sentir sentire sēfjix sētir sānti sēti sinti: simsi āksix uksi fase kasāḡ kesar kēsa fjesi: pulsa:re puse pulsare pulsa: pulsa seka:re sje segar segare segaḡ siyar sāḡa sea: ekskurta:re skortare skurta: skurta skindere sēde se:para:re sōwke separar separare separaḡ sipērar sāpāra separa: separa rasar rasare rasa: raskar rēska kosał kusar ekskawa:re eskabar skavare ekstendere ekstender estendere istēdeḡ āstendrā ekstinde jesi sedere swaḡ ser sedere sēḡ ser sedenta:re sentar sētar sētar senta: sta:re estar stare āsta es sta: sta ose āksa āksa ālsa hō:si: turser turser tōrsā segurar siguraḡ siḡurar eksprimere ekspremir spēmere āspremā esprimi skreme serrere serar sēra sōrar sōra serare sēke serrare siḡar siḡar sēre stringere estrepiḡ strindḡere āstreḡā stringe strengi: strindḡe frisar frāsa ekstergere estarsir āstərzi eksu:ka:re esqije suwe suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa lāse lēsa lēsar lānsa kō:nsuere koser cōase ekspo:nere sporre spune ekskurrere eskurir skorrere āskorā skori: skurdḡe glase glāsa intume:skere itumeser itumeser kre:ske:re kreseḡ kriḡser ēsādḡe isenḡjar isēdjar ānsendrā ustula:re ustolare ustura omne:s to:tus multus tantus paḡkus alius magnus longus largus la:tus amplus krassus graso grasso gras gras spissus espeso spesso ispesu ifpesu āspes spē gurdus grossus grōsso grosu grosu grōs grwēs gros grawis lurdus pittitus 'pittinus pitulus kurtus brewis angustus angosto angusto ingust striktus estreḡo stretto istreḡtu āstret stō: stret strimt minu:tus delika:tus subtilē sutil sottile sufjiw sufjiw suptil su:ti suti:l subtsire kalidus fri:gidus kēsēfi kēsēfi ple:nus nowus wetulus bonus malus putridus sordidus sordido sōrdido

sōrdidu sōrdidu spurcus spērko ispurku spērk spurk di:re:ktus rotundus aku:tus retu:sus sua:wem soave suaw nitidus umidus u:dus sikkus sek seko sekko seku seku sek seḡf sek sek korre:ktus proksimus prōssimo prosimu prosimu prosim pressus presso wi:ki:nus dekstrum djestro destro destrū destrā djestri sinistrum sānēstḡ sinjestro sinistro seḡtru seḡtru sipestri russus rosso ros rōs vermikulus rubeus galbinus amarellus krokeus albus duo:s dos dojs dos duas duēs tre:s tres tres tres sēk siku siku siḡk sēk isi k'is deintus dins si:k si si si si si si si si

t 0074

20

tu: ty tu tu tu tu ty tu tu usted voste infanтем infante fante ifēti mari:tus marito marit mari:t mōrit ma:trem patre tata tata tata tata tata be:stia peḡte utifello serpentem serpjente serpente sirpēti sarpint fru:ktus fruto frutto frute frute frujt frut frukt sementis simjente semente simēti kortikem kortiḡe kōrtisi kortikea kortēḡa kurtise skortea restem rista resta rēsti kotenna kapitia kavettisa testa tet testa testē testā dentem djente dente dēti dint dinte pit petiolus pittjōlo wentrem vātḡ bjentre bentrā vēt vintri vintre pantikem pintēfē intera:nea ātḡaj entrāḡa itḡeḡe ētḡeḡe āntrāḡa spatula spate pektus peḡto peḡtu peḡtu pit pet pjept fi:ka:tum fegato fō:t fijat fikāt ste:lla etwal estreja stella istrele iftrele āstel stō:l stele stēa la:t petra pje:tra pjatrā terra tēḡ tjera terra tēḡe tēḡe tērā tē:ḡ tjere tene:braj tē:nebre tene:bra:s teneḡḡ tinjeblas tē:nebre tēves tēvef tēnebrās fu:ma:ta fumata fuma:ta fumate wentum bjento vento vētu vētu 'vint vint gjatfja stra:ta estrada strada istrade iftraḡe montem monte monte mōti mōnt munte monta:nea mōtap montāḡa montāḡḡa mōtḡeḡe mōtḡeḡe muntāḡa mōtap mōntāḡe noctem nōtte nojti nojti nit nyt nōt nōapte diurna:ta ḡjornata sputere esputar sputare fti kōnetḡ kunḡafte ko:gita:re koḡḡitare kuzitaḡ kuzitar kuḡḡeta senti:re sātix sentir sentire sētir sānti sēti sinti: time:re temer temere temēḡ timer temā temi teme tremere tremere tremare tremēḡ trimer trima: tu:tari tḡe tuwe makta:re mate matar mataḡ mētar mēta utfidere battuere batḡ batir battere bateḡ bēter batrā bate bati bate kaptia:re kattjare kurta:re kortar kōḡtaḡ kurtar ekskurta:re ekūte skortare skurta: skurta ta:lia:re taje taxar tałłā:re tałāḡ tēłāḡ tāłā teji: taja: tāja fēt parti:re pāḡtiḡ partir partire pertir pōrti pō:rti parti: nata:re nwtare ambita:re ekstendere etāḡḡ ekstender estendere istēdeḡ iftēdeḡ āstendrā ekstinde sedenta:re sentar sētar sētar senta: sta:re etḡ estar stare iftar iftar āsta sta: sta alta:re altja: torna:re tuḡne tornar tornare tōḡnaḡ turnar turna tu:rne torna: turna tork'ē:re tōḡḡḡ torḡer tōḡfḡe turser turser tōrsā tōarḡe tōbe tumbat tōbaḡ tōbar tumba tume tene:re tēniḡ tener tenere tēḡ ter tēni tini tinji appektora:re apretar ēpirtar ēpirtar stringere etḡēḡḡ estrepiḡ strindḡere āḡtrizir āḡtrizir āstreḡā stringe strengi: strindḡe friktare fḡote frotar frettare fḡote tergere terḡere ekstergere estarsir āstərzi fterḡe tirare tize tirar tirare tirar tira tire tira: trahere tḡeḡ trarre traze trēzer trēwḡḡ traj traḡe jaktare zōte ḡḡettare zejtar zejtar xita ḡḡete apta:re atar ētar

Appendix 3 - Words containing each segment

kavare kevaḵ kevar java: skavare iḵevaḵ iḵevar zjava: naviga:re navigare naviḵaḵ neviḵaḵ naviga: naviga vole volare voaḵ vvar vole zvolare zvola: vāniḵ venire viḵ vir vini vīni: veni leva:re lāve levare levaḵ livar lāve leva: viḵe virare virar viḵe lave lavare levar levar lave lava: noverare greve gravi gravi grav gravi breve brevi brevi nuvo nāvo novu novu nōve vjō vekḵjo vejlu veḷu veḷ vi: vjei vek^l soave vwazē viṭṭino viziju viziju vizē viṭfin veṭfin vermikulus veḵmej vermiḷḷo veḵmeḷu vimejlu veḵ verde verdi verdi vērt veḵ vērt verde awvu alvu vi avek avu

W 0077 8

ew ew jew wo:s wōmo pwasō awem aw awikellum wazo wermem silwa sēwva paw paw fwee skwas skwartse kwan wi:wenda sangwe weso vweḥ o:wum webo wōvo ṵw ow kwerno kwen kwa:ḥ kawde kawde kōw pwal pēw zweḷu wentrem kwejo kwel dwes iḥpadwe iḥpadwe kwōre awme fwa sōw etwal aywa akkwa agwe agwe ayywā ē:w pluwia ri:wus biw riw riw saw pulwerem pulwus nevwē nevwē newlō sēw sēw wentum niwem new fwego fwōko wia vwa leṅgwa lingwa ligwe ligwe bwaḥ bewrā mwardi womere riwrā wide:re vwaḥ bewrā wiḵ owviḵ owvir savwaḥ kwidar dwaḵmi wi:were biwrā nwaje tuwe di:widere pwēdē rawrā fwik kawa:re ekskawa:re nwotare wola:re vvar weni:re zawrā swaḥ fwaḥ kawrā lawa:re suwe tēwrā zwe ḍuwe flugtwar flwiḥ flwir kḵwatḵ awgū powku powku owtru owtru aw grweḥ grawis grew grew brewis brew etḵwa dewgadu suṭṭiw suṭṭiw kawdu fḵwa frwe nowus nweḥo nōw now wetulus bwō:ṇo maw maw dḵwa sua:wem suaw wi:ki:nus vwazē lwētē wiridem awvu dowā tḵwa k^wattwor kwatro kwattro kwatru kwatru kwatrā kwat kwatri ṭṭiṅkwe 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 ḵy ny njoly fyne nyt syse sysi: kōspyē zygyē gyra:re flyktqē flye bḵyle māny

Z 007A 49

epuz spōza ispoza iḥpozē əspōzā spōzo ispozu iḥpozu wazo frunzā piez sīzēḥ sīzēḥ ṭṭinize zi auzi ḵaze ḵazaḥ ḵazar rāza zjava: zvolare zvola: zbura zezix zezēḥ zezet zəṭṭēa traze trēzet kuzer kuzer kuzi kō:z kuzi dizer dizer ziṭṭe zgloṇfa: bruza: retuzo proizme vwazē viziju viziju

ã 00E3 82

ḍāp pās

ç 00E7 77

krō:ç

ð 00F0 50

mariḍo mēriḍu maḍre paḍre iyaḍo fiyeḍu pjeḍra peḍre peḍrā iḥtraḍe morḍer murḍer diviḍir neḍar toḍu miuḍu delyaḍo deḥyaḍu poḍriḍo puḍrit poḍre poḍri ayuḍo eyuḍu niḍio

õ 00F5 61

pwasō peḥō frōse frōse ōgl ōg so:vjō mōṭṭi mōti mōṭaṇ mōtēṇe mōteṇe mōṭaṇ nō ōr tōbe tōbaḥ tōbar kōte kōtar kōtar kōte gōḥle gōḥle pō ōt lōgu lōgu lō ṭḥō bō bō bō bō ḵō ḵedōdu ḵidōdu rō ō kō kō

ø 00F8 79

kø fəvø løn fø pø vjō dø

ĩ 0129 44

iḥṭṭi iḥṭi iṭrēṇe sīzēḥ sīzēḥ kamīṇu ligwe ligwe əṭṭriḥzir əṭṭriḥzir lipar lipar iḥar iḥar iṭumeser iṭumeser iṣendḥar iṣedḥar siku siku sī sī

ᲁ	014B	75
saṅgre saṅ saṅk aṅgule maṅ aṅ naṅ lengwa maṅja: peṅsa: aruṅka zgloṅfa: loṅ iṅgust uṅ ṭiṅkwe siṅk 'ṭiṅk		
œ	0153	30
foem doem foej floek œf œj goel koek		
ũ	0169	90
pūzix pūzir mūjtu mūjtu awgū atgū ũ ũ		
ƿ	0250	29
femew femje done done ifpozew meriðu biſe biſe paſeru paſeru seſwe frute frute foſe foſe frōse frōse ƿeif koṯfiſe kurtiſe ekwe erwe grēme grēme koḍje kodie vivēde grafe grafe kawde kawde pene pene keḑelu kabese keḑese teſte teſte oreſe oreſe ƿerif boke boke ƿne ƿne ƿekne ƿerne zweſu pēse pēse itreṅe etreṅe iſpadwe iſpadwe awwme alme figedu fiyeðu lue lue iſtrele iſtrele agwe agwe ſuwe ſuwe pedre peðre areje ereje teke teke kelizēj nevwew nevwew treves treveſ fumase fumase ſizeſ ſizeſ vie vie iſtrade iſtrade kemiju mōtēne mōtēne die die enu enu liḡwe liḡwe seber meṯar beṯer keſar teſar pertir ſiperaṯ ƿeer ƿezar ƿeſkar kevaḯ kevar iſkevaḯ iſkevar neḑar neviyaṯ keminaḯ keminaṯ zezeḯ zezer keir keir epirtar epirtar levar levar trezer etar etar erder eyuðu emarelu emerelu dues dueſ eki ei e		
ɑ	0251	84
am fwa hare:na bwaw taje waze gwa twwa		
ɔ	0254	9
zo nojs noj vojs voſe donna donā done om omēj omā om om womo ſpoza aſpoza ſpazo aſpoſ ſoſjo pidokkjo ɔoſſa ɔj koṯfiſi koṯtiſi ſkoṯſa aſkoṯſa flo ɔs ɔſso ɔs ɔj wovo ɔw koṯn korno koṯn koṯw koḑe ploṯ ɔraj okkjo boḯ boce gole aṅgule pittſolo ḑinokkjo ḑino kolu kolu koſ doſso do kwore koḯ koṯ ſow ſoſ ſol ſolo ſolej ſavalon poṯar po po njoly fwoko fok mont montane notte noṯ zoṯna zoṯna nom naṅ mordre ɔmere koṇetḯ kinoh doḯmiḯ moṯi okſiḯ voſe toḯde toṯſere toṯſa done loji: kole koṯi to poḯo poḯ groſso groſ novo now nove bon bon ſordido ſordidu ſordidu ſparko ſpark taront proſſimo aṯrop roſ robbjo roſj gṯok komā kom komē		
ə	0259	4
zə donə doamənə omə aſpoza mərīt aſpoſ marə parə tatə nəmaje paſəre pədukje ſəppen abrə ſəmās ſəmen ſəminſə fuſə fruſə ərel rədəſſinə aſkoṯſə ſkoṯtə erbə jarbə konnə ɔqadə ploṯə peṯə panə pər ſəvə kəbeſ ſəve teſtə tſeaſtə ureſə bokə bukə goſə gurə kambə gambə peṯnə gambə zənu zənoſ minə alə bentṯə paṯſə ənṯraṯə aſpaſſə inimə fedḑə luṯə lunə əſtel aſjwə apə pluza peðṯə pjatṯə ərenə arinə ſorə tərə tſarə newlə negurə tənebrəſ ʃſeaſə geaſtə ſendṯə ʃſenuſə biə ſəmə kəmi muntanə diə limbə bewrə mənza muſəga muſəgar muſəya aſkupi rəſpira riwrə bewrə ſəḑe kuṇeſə pənſa pəſa ſənti fləjra temə biwrə nəga mətə batṯə kəſa ſəya təſə təja fəndṯə pəṯi ſəvə ſəpəra rawṯə rəza rəſka ſəve kəba nəda nəbaga ſəmine kəmina vənix bəni əſtendṯə zawṯə zəſſə əſta ləve ləba ləve əſa toṯſə kawṯə kəḑə tənix təni iſpṯeməſ iſpṯəmer aſpṯemə ſərar ſəra əſṯriṯir əſṯriṯir əſṯreṅə frəga frəſa ləba əſṯəṯi əſuga trewrə əmpəṯə zəte lənſa kəntə aſkoṯə koṯə zəle zəla gləſa kreſə krəma ənsendṯə əlgu alṯə əmplə aſpeſ pəti pətiṯ əſṯret mənɣ mənut mərunt dəlikat rədo rəṯund əgut əṯrop bəi deſṯə ſənəſṯṯə bərməſ dowə kwatṯə əſə ən kə kə kə		
ɛ	025B	31
femine efā pes pehō uttfello utſjel ſjəkpē vēm vjer vjer ſewwa ſeſwe ſelve ſementſe gṯen ərel reſen eḯb erba erve jep gṯamen reſta ƿeſſi peli pjel ſeḯ vwes gṯes kwen kəde plume pen peṯə pene pel kəbeſ ſəve tet teſta teſte teſte ʃſe teſte ureſə boce dente aṅgule pe pe ƿew peṯno ƿekne ƿerne peṯnə pekol kwel ſpale peṯto peṯ əſtel ſtele meḯ ſel peðre terra teke tərə tjere nevwew nevwew tenebḯ treves treveſ ſjel ʃſelo ſew ſew ſel vento nevi nevi zel ḑelo zeſ gles ſendṯə ʃſinize munte 'lengə bewrə bewrə ſəḑe koṇetḯ kuṇeſə fleke ʃſeſi: teji: fendere fendṯə neḑji: merḑere eſtendere etḯ eſ ſpṯemere ſere əſṯreṅə ſṯreṅgi: teḑḑere tṯek trewrə əmpəṯə ḑete inſendjare iſpeſu aſpeſ ſpe grwes gṯijef greve grevi bṯef breve brevi brevi əſṯret ſṯret deſyaðu fret fṯwe reſſente pṯe plen now veḑkṯjo dṯet dṯet ebete net neḑu neḑu net net ſek ſek ſeſſ ſek preſſo pre deſtro deſtru deſṯru ſənəſṯṯə ſeſṯru ſeſṯru veḑmej bərməſ veṯ veḯ veṯ ḑen emarelu emerelu 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 gə:j gœle gurə ungula ōgl ungja ōg ōngule ungje gamba gamba gamba gambə gambə genikulum fegato figədu agwə agwə age lago lago lagu ka:li:ginem negurə gelu: glas gjattfa glas glēs glaŋfe gēatsə fwego fogu lōg lenḡwa lingwa ligwē ligwē 'lengē musəga musəgar su:gere sugaḡ sugar kogno:skere ko:gita:re fra:gra:re fragrare nəga anegar annegare pugna:re segar segare segaḡ pungere jugula:re zygyle jugula:re naviga:re nabegar navigare nəbəga naviga: naviga mergere gyra:re segurar siguraḡ stringere stringe strēngi: fregar fregar frəga iffrigar tergere ekstergere enxugar affugare ēfugar əfuga impingere liga:re legar legare lega xugar zogaḡ zuga flugtwar gela:re glakia:re glase gjattfjare gləsa glaŋfa: inglakia:re ingetsa augmenta:re ogmōte augmentar augmentar augmenta gōfle gonfjare gōfle zgloŋfa: flagra:re flagwē flagrar flagrare flagwaḡ flagrar alguno awgū atgū əlgu magnus grandem gʷā grande grande grēdʒi grēdi gran gʷā grant longus longo lungo lōgu lōgu lung largus largo ləḡgu largu gʷa graso grasso grafu gras gras gras gurdus gordo grossus gʷo grəssə grosu grosu grəs grwəs 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 naviɣaḡ neviɣar siɣurar iffriɣar ēfuɣar ʎiɣa zuɣar larɣo delyəðo delyəðu ayuðo eyuðu		
q	0265	69
fʷqi plqi nqi kʷide tʷe esqije flyktʷe		
i	0268	47
ifēti ipfoze ipfozu pejfi avi sirpēti vermi arvuri simēti səminŋə kōrtisi ɤesti peli karni sēgi sindʒe pilu dēti minə pintefje iftrele flumi riw vint nevi mōti nojti nojti nomi biŋer minka ɤispirar ride kupiser timer trimer siɣar sipərar naviɣaḡ neviɣar iftar iftar livar siguraḡ siɣurar siɣar siɣar epirtar epirtar strindʒe iffrigar iffriɣar impindʒe kinta zilar zilar ingetsa kriŋser intŋindʒe grēdi gravi pikenu brevi ingust iftrejtu strimt podri ɤidōdu virmejʎu verdi verdi ki kind in ki		
I	026A	11
ɖɖi na:ris isendɖɖar		
ɭ	026B	68
seɭve sɔɭ nuɭuɭ ʒeɭ aɭsa aɭsar kuɭa flama atgū aɭ delyəðu kaɭ pɭe		
ɲ	0272	38
doɲa niɲo alimaɲa peɲa peɲə uɲa uɲe uɲe paɲfə entrɲa itreɲe etreɲe əntrɲə kamijɲu kemijɲu mōtaɲ montɲa montɲa mōtēɲe mōteɲe muntɲə mōtaɲ montɲe ɲɔt aɲo aɲ mənʒa maɲi: kopeseɤ kupiser koposi puɲar puɲɲare puɲa puɲi kemijnaḡ kemijnar viɲi: estreɲir əstreɲə əmpenə oɲpi maɲo maɲɲo pekeɲo ɲu:f vizijɲu vizijɲu siɲestri		
ɮ	027B	91
kosaɮ		
ɹ	027E	28
embra fembra muxer muɤer ombre muxer muɤer mariðo maridu meridu marit madre marə paðre parə paxaro pasəru pasəru pasəre serpiente sirpēti ʃarpe berme vermi verm aɤbol albero aɤvori arvuri abra par fruto frute frute frujt grano grēw grēw gra frōse frōse frunʒə kōrtisi korteθa kurtisə skɔartsə flor fjo:re flor floare jerba erve jarbə grama grēmē grēmē gram rista karne karni karne sangre grasa grafe grafe gref kwerno kornu pər orexa oreɤə oreɤə ureɤə nariθ naris nerif gurə pjerna pərne bjentre bentrə entrɲa itreɲe etreɲe əntrɲə kor sɔare estreja istrele iftrele mar mar pjeðra peðre		

Appendix 3 - Words containing each segment

peðre peðrā pjatrā arena areje eʀeje ærenā sajbʀu sajbʀu treves treveʃ tænebrās ʃfer estrada istrade iʃtraðe djurno zorn xornada nombre beber bere biþer bewrā komer kumer mandukar mandgare mēzar moðer murðer moskar morsikare sugar kuþþir eskupir esputar sputare respirar respirare ʀespirar ʀiþpirar rəþpira reir rīdere ʀir riwrā ride ber vedere ver bewrā oir udire owvir saber seþer konoþer kupiser kwidar kuzitar pensar pensare pēsar sentir sētir oler ulura ʃejraʀ ʃejraʀ flajra temer timer tremer tremex trimer dormir durmir bibir viver biwrā morir muþer muri anegar matar metar utʃidere pupar batir beter batrā kaþar keþar puxar puþar segar siþar kortar kurtar taxar teþar dibidir diviðir ender fēder fendrā partir þertir separar separax siperar səpəra pūzir raer ʀeer rawrā rasar ʀezar raskar ʀeþkar kusar kabar kevar eskabar iʃkevar nadar nwotare neðar nabegar neviþar bolar volare vwar zvolare zbura kaminar kamminare keminar andar ēdar benir venire vir ekstender iʃtēder æstendrā jaþer dʒaʃe:re zuzer zawrā ser ser sentar sētar sētar estar iʃtar iʃtar jebar livar alþar aþsar tornar turnar xirar ɟirare zirar zirar zira birar virare virar zirar bira torþer kaer kadere keir keir tumar tōbar dar dar donar duar tener tenere ter segurar sigurax siþurar ekspremir əspremə serar sərar þerar siþar siþar apretar ʀpirtar ʀpirtar estreþir æstreþə fregar frəga iʃfrigar iʃfriþar frotar frisar frəsa laþar levar levar estarsir enxugar ɛʃugar ɛʃuyar limpjar lipar lipar tirar ʃira tirar tira puxar puþar puþar traze trezer trewrā eþar zeþtar zeþtar lanþar lēsar arankar arunþa legar atar etar etar koser kuzer kuzer kontar kōtar kōtar enumerar enumerar enumerar enumera numera deþir dizer dizer kantar kētar kētar ludir xugar zuþar flugtwar flutuar fluir flwir kolar kuar eskurir iʃkurer skurdze korer kuþer kurdze elar zilar zilar aþmentar aþgmentar aþgmentar inþar iþar iþar entumeþer itumeser itumeser kreþer kreseþ kriþser kreþə kreþte kemar keþmare arder ərder arde flagrar flagrar enþender isendþtar isēdþar ənsendrā otro owtru owtru altrā grande grēdþi grēði mare larþo largu lark graso grafu gras gordo grosu grosu grəs grabe gravi gravi grew grew leardo leardo korto korto kurt kurt brebe brevi brevi brew estreþo istreþtu iʃtreþtu əstret frio friu friu frət poðriðo puðrit poðre poðri poðri sordido sordidu sordidu ispurku iʃpurku ɟireþtu direþtu dret proximo prosimu prosimu proizme əprəp þerka djestro deþtru deþtru destrā sinjestro seþtru seþtru rofu bermexo virmeþlu berde verdi verdi vert verde amariþo ɛmarelu ɛmærelu grək tres tres tref kwatro kwatru kwatru kwatrā

R 0280

55

mer vjer fry reſen kɾo:ɟ ɔraj vi:r ɔr savø:r mɔri pɔ:rti ma:rʃi: ʃe:r sərar sere iʃkurer kɔri frwe

Б 0281

36

muʀex muʀex maʀi meʀ peʀ seʀpā seʀpēʃi sjeʀpē veʀ veʀmi aʀbʀ aʀvori fʀuɟi gʀen ʀais ʀeʃ ʀadi ʀasin kəʃʃisi kəʃʃise ekoxs floex flox flø:x ɛʀb ɛʀvə gʀamen ʀeʃʃi ʀeʃti ʃeʀ kaʀni gʀes kəʀn kəʀnu oʀeʃ pəʀnə vātʀ ɔtʀəʃ kœx kœx ku:x plu:x ʀy kiw ʀiu ʀivjek rivi:x meʀ maʀ meʀ pjeʀ pi:x pudʀ teʀ teʀe teʀe te:x tenebʀ si:x sādʀ zuʀ zəʀna zəʀna zuʀne bʀwəx beʀex bəʀx mēzəʀ moʀdʀ moʀdex sugəʀ kuspiʀ vomix ʀespirar ʀiþpirar ʀix ʀix ʀir ʀi:x vʀwəx veʀ wiʀ owviʀ savʀwəx sabex kənetʀ kəʀesex kuzitaʀ pēsəʀ sātix sēʃiʀ fləʀe ʃejraʀ temex kvēdʀ tremex dəʀmiʀ dəʀmiʀ dwəʀmi vixʀ viʀex muʀix moʀex muʀer mataʀ ɔksix batʀ bateʀ kasəʀ puʀəʀ segəʀ kəʀtəʀ ekʀte taʀəʀ ɟiʀidiʒix fādʀ fēdex ʀəʀtiʀ ʀəʀʃiʀ səʀvə sepaʀəʀ ʀwēdʀ ʀūʒix ʀəʀ ʀeer ʀəʀe ʀəʀəʀ ʀezar ʀəʀkəʀ ʀeʃkar fwix keʀəʀ iʃkeʀəʀ nadaʀ naʀiʀəʀ voəʀ kəʀmiʀəʀ maʀʃe ēdaʀ vəʀniʀ viʀ etādʀ istēdex zezix zuzex swəʀ seʀ etʀ leʀəʀ tuʀne toʀnəʀ zixə viʀe viʀe təʀdʀ ʃwəʀ tōbəʀ dəʀ təʀniʀ teʀ siɡuraʀ eʀwēdʀ iʃpɾəʀəʀ seʀə seʀə siʀəʀ siʀəʀ etʀēdʀ fʀeʒe fʀote fʀote tiʀe tʀex kudʀ enumeʀe nōbʀe diʀ di:x zogəʀ flutuaʀ flwix koəʀ iʃkoʀex kuʀix koʀex kəʀwəʀ kreseʀ bʀyle bʀu:le kʀəʀe keʀmaʀe aʀdʀ aʀdex fləʒe fləʒəʀ oʀtʀ gʀā gʀā ləʀz ləʀgu gʀə gʀə gʀiʒef luʀ kuʀ kuʀtu ku:x bʀef bʀef etʀwə stəʀ: fʀwə ʀesēʃi ʀesēʃi dʀwə ʀō ʀedōdu ʀidōdu ʀwe sənəʀtʀ ʀu ʀoʃʀ ʀoʃu veʀmeʒ veʀmeʀu ʀuz veʀ veʀ tʀwə katʀ

∫ 0283

16

noʃ voʃ iʃpozə iʃpozu biʃʃa biʃe biʃe peʃʃe peʃʃi ʀeʃʃi peʃ peʃte ʃjē ʃarpe ʀeʃʃ ʀeʃʃi ʀeʃti ʃeʀ ɔʃ graʃe graʃe gʀeʃ ʃəʀvə ʃəʀvə teʃte nəʀiʃ buʃ ʀəʀʃə iʃpaðwə iʃpaðwə iʃtrele ʃuʀe ʃuʀe seʃʃu seʃʃu treʀeʃ siʒeʃ siʒeʃ ʃʃenuʃə iʃtraðe ʃəʀmē kuʃpiʀ ʀiþpiʀar ʃti konoʃʃere kunəʃə kunoʃʃte ʃejraʀ ʃejraʀ ʃase puʃəʀ puʃəʀ ʃindere ʀəʀkəʀ ʀeʃkar ʃəʀe iʃkeʀəʀ iʃkeʀəʀ ʃəʀmine maʀʃe iʃtēder ʃeðəʀ iʃtar iʃtar alʃa: ʃwəʀ iʃpɾəʀəʀ iʃpɾəʀer əʃtriʒir əʃtriʒir iʃfrigar iʃfriþar ʃterdʒe aʃʃugare ɛʃugar ɛʃuyar əʃuga puʃəʀ puʃəʀ ʃāte iʃkoʀex iʃkurer iʃar iʃar kreʃʃere kriʃser kreþə kreþte ɛʃu ɛʃu graʃu iʃpesu iʃtreþtu ʃo ʃeju ʃeju iʃpurku deʃtru seʃtru seʃtru ʀoʃʀ ʀoʃu roʃu doʃʃ dueʃ tref ʃi

ʃ 028A

94

ʀoʃʀ

Λ 028E

35

moʀlʀe muʀex muʀer muʀe moʀlʀe muʀex muʀer muʀe useʀ piouʀu piouʀu poʀ ʃəʀlʀə ʃəʀlʀe ʃəʀlʀe fuʀə ʀeʀ kəʀeʀ ʀeʀlʀe ʀeʀlʀe ureʀə ʀəʀu ʀəʀu zueʀu zʀueʀu zəʀnoʀ kəʀ əʀpaʀlʀə ʀuʀə ʀəʀ taʀlʀə:re taʀəʀ teʀəʀ təʀə ʀəʀə ʀəʀə ʀəʀsa ʀiʀə ʀəʀ

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 zux zorn zəna zəna zuxne māze mēzak mēzar məpza kuzitax kuzitar pūzix pūzir zygye naze zezix zezex zezex zawrə zixē zīrar zīrar zīra zīrar əftrīzīr əftrīzīr əstəzī zəte zejtar zejtar zwe zogax zuγar zuga zuka zəle zilar zilar zəla inʃindze ləʒ du:ze: vizē vuz zon		
j	029D	5
jo jerba kabejo kwejo estreja jubja jelo jaθer jebar amarijo aja		
dz	02A3	71
frondza dzornade		
ɖ	02A4	10
ɖɹ koɖɹe sindze ɖāp ɖinəkkjo ɖino ɖenoli ɖenunk ^l fedə pjoddɖa kalidɖine ɖelo ɖer ɖu: ɖorno ɖu: ɖornata mandɖare sudze kodɖitare kuɖeta ɖividɖix pundɖere pundɖe nedɖi: mɛrdɖere mɛrdɖe ɖaʃe:re ɖere ɖirare ɖira: ɖira: strindɖere strindɖe tɛrdɖere ʃtɛrdɖe tradɖe impindɖere impindɖe ɖettare ɖete ɖokare ɖuwe ɖuja: skurdɖe kurdɖe ɖelare ɖale isendɖiar grēdɖi ɖirejtu nedɖu nedɖu rudɖe ɖen		
ts	02A6	52
sots skortsə skwartse skɔartsə tseastə pantse tsarə geatsə simtsi altsare tsine ingetsa putsin subtsire retsint		
ʃ	02A7	46
ifēʃi soʃo utʃello utʃel ʃē seʃpēʃi semēʃi sementʃe səminʃə radi:ʃe rədəʃinə kortiʃe kəʃʃisi kortettʃa kəʃʃise ʃeʃʃi ʃo: ʃivja ʃes naritʃe dētʃi pittʃolo piʃjor pantʃa pintetʃe peʃo ʃeʃaʃə ʃelo ʃi:l ʃer gjattʃa glatʃe ʃenere ʃinize ʃenuʃə mōʃi notʃe sēʃix maʃa: utʃidere utʃide katʃare ʃesi: caʃa: paʃʃix ʃimine ma:ʃʃi: ɖaʃʃe:re zəʃʃe tɔʃʃere tɔʃʃe ʃe:r ʃjade ʃira eʃar lanʃare lanʃa: arrontʃare kutʃire ziʃe ʃāte gjattʃare glatʃa: inʃar brutʃare inʃendjare inʃindze muʃo anʃo pittʃino pitʃul estretʃo suʃiw suʃiw ʃō retʃente ʃesēʃi ʃesēʃi retʃe seʃ vitʃino vitʃin vetʃin rəʃ 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 seʃpēʃi siʃpēti sjeʃpē semēʃi simēti simēs vivēda vivēde dēʃi dēti dē mē mē ētrəpə sē vētu vētu vē pēsax pēsar sēʃix sētir kēdɛx fēdɛx fēder istēdɛx iʃtēder sētar sētar ēʃugar ēʃuγar ēʃle isēdjər 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	kortikea	k-oh-r-t-e-k-ay-ah
BarkOfATree-Skortea	skortea	s-k-oh-r-t-ay-ah
Flower	flo:rem	f-l-O-r-ay-m
Grass	herba	h-ay-r-b-ah
Grass-Gramen	gra:men	g-r-A-m-ay-n
Rope	fu:nem	f-U-n-ay-m
Rope-Restis	restem	r-ay-s-t-ay-m
Skin-Pellis	pellem	p-ay-l-l-ay-m
Meat	karnem	k-ah-r-n-ay-m
Meat-Vivenda	wi:wenda	w-E-w-ay-n-d-ah
Blood	sang ^w inem	s-ah-n-gw-e-n-ay-m
Bone	ossum	oh-s-s-u-m

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

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

Appendix 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
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	õ	oon
Child	ãfã	NasalA-f-NasalA
Wife	epuz	ay-p-u-zz
Husband	maʁi	m-ah-rr-e
Husband-Sponsus	epu	ay-p-u
Mother	meʁ	m-ay-rr
Father	peʁ	p-ay-rr
Animal	omaj	oh-m-ah-jg
Fish-Pescion	pwasõ	p-w-ah-s-on
Bird-Avicellum	wazo	w-ah-zz-oh
Dog	ʃjẽ	shh-jg-ehnn
Louse	pu	p-u
Snake	seʁpã	s-ay-rr-p-NasalA
Worm	veʁ	v-ay-rr
Tree	akbɛ	ah-rr-b-rr
Stick	pal	p-ah-l
Fruit	fʁɥi	f-rr-eu-e
Seed-Sementis	səmãs	s-aah-m-NasalA-s
Seed-Granum	gʁɛn	g-rr-eh-n
Leaf	fœj	f-uuh-jg
Root-Radix	ʁadi	rr-ah-d-e
Root-Radicina	ʁasin	rr-ah-s-e-n
BarkOfATree-Skortea	ekoʁs	ay-k-oh-rr-s
Flower	flœʁ	f-l-uuh-rr
Grass	ɛʁb	eh-rr-b
Grass-Gramen	gʁamɛn	g-rr-ah-m-eh-n
Skin	kwan	k-w-ah-n
Skin-Pellis	po	p-oh
Meat	ʃɛʁ	shh-eh-rr
Meat-Vivenda	vʝãd	v-jg-NasalA-d
Blood	sã	s-NasalA
Bone	ɔs	euh-s
FatNoun-Crassia	gʁɛs	g-rr-eh-s

Appendix 4 - Word Lists by Language

Egg	œf	uuh-f
Horn	kɔŋn	k-euh-rr-n
Tail	kø	k-uu
Feather	plym	p-l-eeh-m
Feather-Penna	pɛn	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	oʊɛj	oh-rr-ayj
Eye	œj	uuh-jg
Nose	ne	n-ay
Mouth	buʃ	b-u-shh
Mouth-Gula	gœl	g-uuh-l
Tooth	dã	d-NasalA
Fingernail	õgl	on-g-l
Foot	pʃe	p-jg-ay
Leg-Gamba	ʒãb	gzah-NasalA-b
Knee-Geniculum	ʒənu	gzah-aah-n-u
Hand	mɛ	m-ehn
Wing	el	ay-l
Belly	vãtɕ	v-NasalA-t-rr
Belly-Pantex	pãs	p-NasalA-s
Guts	ãtɕaj	NasalA-t-rr-ah-jg
Neck	ku	k-u
Back	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast	sɛ	s-ehn
Breast-Pectus	pi	p-e
Heart	kœɕ	k-uuh-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	sœlej	s-euh-l-ehj
Moon	lyn	l-eeh-n
Star	etwal	ay-t-w-ah-l
Water	o	oh
Rain	plɕi	p-l-eu-e
River-Rivus	ɕy	rr-eeh
River-Riparia	ɕivjɕɕ	rr-e-v-jg-ay-rr
Lake	lak	l-ah-k
Sea	mɛɕ	m-eh-rr
Salt	sɛl	s-eh-l
Stone-Petra	pjɕɕ	p-jg-ay-rr
Sand-Sabulum	sabl	s-ah-b-l
Dust	pudɕ	p-u-d-rr
Earth	tɛɕ	t-ay-rr
Cloud	ny	n-eeh
Fog-Nebula	njɔly	n-jg-euh-l-eeh
Fog-Tenebras	tenebɕ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-eeh-m-ay
Sky	sjɛl	s-jg-eh-l
Wind	vã	v-NasalA
Ice	ʒɛl	gzah-eh-l
Ice-Glacies	glas	g-l-ah-s
Fire-Focus	fø	f-uu
Ash	sãdɕ	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-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-Excutare	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-ehj-ay
ToRub-Frictare	fũote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	esũije	ay-s-eu-e-jg-ay
ToPull	tũke	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahare	tũek	t-rr-eh-rr
ToThrow	zũte	gzah-aah-t-ay
ToThrow-Lanceare	lũse	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudũ	k-u-d-rr
ToCount	kũte	k-on-t-ay
ToCount-Enumerare	enumẽke	ay-n-u-m-ay-rr-ay
ToCount-Numerare	nũbũke	n-on-b-rr-ay
ToSay	dũk	d-e-rr
ToSing-AncestralClass	ũate	shh-NasalA-t-ay
ToPlay-Jiocare	zũe	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	kũkũ	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	akũ	ah-rr-d-rr
ToBurn-Flagrare	flagũe	f-l-ah-g-rr-ay
ToBurn-Incendere	ẽsũdũe	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okũ	oh-k-uuhn
Few	pũ	p-uu
Other	otũ	oh-t-rr
Big-Grandem	gũũ	g-rr-NasalA
Long-Longum	lũ	l-on
Long-Largum	lakũ	l-ah-rr-gzah
Wide	le	l-ay
Wide-Amplum	ũpl	NasalA-p-l
Thick	gũa	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	θɛrka	th-ay-er-k-ah
Far	lwɛtɛ	l-w-ehnn-t-ehnn
Left	sənɛstɤ	s-aah-n-eh-s-t-rr
Red	ɤu	rr-u
Red-Vermiculus	vɛɤmɛj	v-eh-rr-m-ehj
Red-Rubeus	ɤuʒ	rr-u-gzah
Green	vɛɤ	v-ay-rr
Yellow	ʒon	gzah-oh-n
One	œ	uuhn
Two-Duos	dø	d-uu
Three	tɤwa	t-rr-w-a
Four	katɤ	k-ah-t-rr
Five	sɛk	s-ehn-k
Here	isi	e-s-e
There	la	l-ah
Who-Qui	ki	k-e
What	kwa	k-w-ah
When-Quando	kã	k-NasalA
How-Quomodo	kɔmã	k-euh-m-NasalA
Not	nō	n-oon
Not-Nec	ni	n-e
At	a	ah
In-Deintus	dã	d-NasalA
With-Abhoc	avek	ah-v-ay-k
And-Et	e	ay
And-Si	si	s-e
Because-Quod	kə	k-aah

Spanish

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

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

Appendix 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-Gyrare	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	laßar	l-ah-bb-ah-er
ToWipe-Extergere	estarsir	ay-s-t-ah-er-s-e-er
ToWipe-Exsucare	enxugar	ay-n-xha-u-g-ah-er
ToWipe-Limpidare	limpiar	l-e-m-p-jg-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	puxar	p-u-xha-ah-er
ToThrow	eñjar	ay-ts-ah-er
ToThrow-Lanceare	lanθar	l-ah-n-th-ah-er
ToThrow-Eruncare	arankar	ah-r-ah-n-k-ah-er
ToTie	legar	l-ay-g-ah-er
ToTie-Aptare	atar	ah-t-ah-er
ToSew	koser	k-oh-s-ay-er
ToCount	kontar	k-oh-n-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	deθir	d-ay-th-e-er
ToSing-AncestralClass	kantar	k-ah-n-t-ah-er
ToPlay-Ludere	ludir	l-u-d-e-er
ToPlay-Jiocare	xugar	xha-u-g-ah-er
ToFloat	flugtwar	f-l-u-g-t-w-ah-er
ToFlow	fluir	f-l-u-e-er
ToFlow-Colare	kolar	k-oh-l-ah-er
ToFlow-Excurrere	eskurir	ay-s-k-u-r-e-er
ToFlow-Currere	korer	k-oh-r-ay-er
ToFreeze	elar	ay-l-ah-er
ToSwell	augmentar	au-m-ay-n-t-ah-er
ToSwell-Inflare	inñjar	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	muñjo	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	anŷo	ah-n-ts-oh
Thick	graso	g-er-ah-s-oh
Thick-Spissum	espeso	ay-s-p-ay-s-oh
Thick-Gurdum	gordo	g-oh-er-d-oh
Heavy	grabe	g-er-ah-b-ay
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekepo	p-ay-k-ay-VdPalatalNasal-oh
Short	korto	k-oh-er-t-oh
Short-Brevis	brebe	b-er-ay-b-ay
Narrow	angosto	ah-n-g-oh-s-t-oh
Narrow-Strictus	estreŷo	ay-s-t-er-ay-ts-oh
Thin	menudo	m-ay-n-u-d-oh
Thin-Delicatus	delyaðo	d-ay-l-juh-ah-dd-oh
Thin-Subtilis	sutil	s-u-t-e-l
Warm	kaldo	k-ah-l-d-oh
Cold	frio	f-er-e-oh
Cold-Recens	reθjente	r-ay-th-jg-ay-n-t-ay
Full	ŷeno	yuh-ay-n-oh
New	nweŷo	n-w-ay-bb-oh
Old	bjexo	b-jg-ay-xha-oh
Good	bweno	b-w-ay-n-oh
Bad	malo	m-ah-l-oh
Rotten	poðriðo	p-oh-dd-er-e-dd-oh
Rotten-Putrem	poðre	p-oh-dd-er-ay
Dirty	sordido	s-oh-er-d-e-d-oh
Round	redondo	r-ay-d-oh-n-d-oh
SharpAsAKnife	ayuðo	ah-juh-u-dd-oh
Smooth-Nitidus	niðio	n-e-dd-e-oh
Dry	seko	s-ay-k-oh
Near	proximo	p-er-oh-xha-e-m-oh
Near-Vicinus	beθino	b-ay-th-e-n-oh
Right-Dextrem	djestro	d-jg-ay-s-t-er-oh
Left	sinjestro	s-e-n-jg-ay-s-t-er-oh
Red	roxo	r-oh-xha-oh
Red-Vermiculus	bermexo	b-ay-er-m-ay-xha-oh
Red-Rubeus	rubjo	r-u-b-jg-oh
Green	berde	b-ay-er-d-ay
Yellow-Amarellus	amarijo	ah-m-ah-er-e-VdPalatalFricative-oh
White	albo	ah-l-b-oh
One	uno	u-n-oh
Two-Duos	dos	d-oh-s
Three	tres	t-er-ay-s
Four	kwatro	k-w-ah-t-er-oh
Five	θinko	th-e-n-k-oh
Here	aki	ah-k-e
There	aja	ah-VdPalatalFricative-ah
There-Adlbi	ai	ah-e
Who-Quem	kjen	k-jg-ay-n
What	ke	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	komo	k-oh-m-oh
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	en	ay-n
With-Cum	kon	k-oh-n
And-Et	i	e

Appendix 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	sɔʎfo	s-euh-ts-oh
Mother	ma:dre	m-A-d-r-ay
Father	pa:dre	p-A-d-r-ay
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʎʎa	b-e-shh-shh-ah
Fish-Piskem	peʎʎe	p-ay-shh-shh-ay
Bird-Avicellum	utʎello	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:ʎe	r-ah-d-E-ts-ay
BarkOfATree	kortijʎe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortetʎa	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	dʒinəkko	VdPalatoAlveolarSibilant-e-n-euh-k-k-jg-oh
Hand	ma:no	m-A-n-oh
Wing	ala	ah-l-ah
Belly-Pantex	pantʃa	p-ah-n-ts-ah
Neck	kollo	k-oh-l-l-oh
Back	dosso	d-euh-s-s-oh
Back-Spatula	spalla	s-p-ah-l-l-ah
Breast	seno	s-ay-n-oh
Breast-Pectus	petto	p-eh-t-t-oh
Heart	kwore	k-w-euh-r-ay
Heart-Anima	alma	ah-l-m-ah
Liver	fegato	f-ay-g-ah-t-oh
Sun	sole	s-oh-l-ay
Moon	luna	l-u-n-ah
Star	stella	s-t-ay-l-l-ah
Water	akkwa	ah-k-k-w-ah
Rain	pjoddʒa	p-jg-oh-d-VdPalatoAlveolarSibilant-ah
River	fjume	f-jg-u-m-ay
River-Rivus	rio	r-e-oh
Lake	lago	l-ah-g-oh
Sea	mare	m-ah-r-ay
Salt	sale	s-ah-l-ay
Stone	sasso	s-ah-s-s-oh
Stone-Petra	pje:tra	p-jg-ai-t-r-ah
Stone-Lapidem	lapide	l-ah-p-e-d-ay
Sand-Sabula	sabbja	s-ah-b-b-jg-ah
Dust	polvere	p-oh-l-v-ay-r-ay
Earth	terra	t-eh-r-r-ah
Cloud	nube	n-u-b-ay
Cloud-Secondary	nuvola	n-u-v-oh-l-ah
Fog	kalidʒine	k-ah-l-e-VdPalatoAlveolarSibilant-e-n-ay
Fog-Nebula	nebbja	n-ay-b-b-jg-ah
Fog-Tenebrae	tē:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	tē: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	puyjare	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	battere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	katʃare	k-ah-t-ts-ah-r-ay
ToHit	pulsare	p-u-l-s-ah-r-ay
ToCut	segare	s-ay-g-ah-r-ay
ToCut-Excurtare	skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	taʎʎa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ʃindere	shh-e-n-d-ay-r-ay
ToSplit-Findere	fendere	f-eh-n-d-ay-r-ay
ToSplit-Partire	partire	p-ah-r-t-e-r-ay
ToSplit-Separare	separare	s-ay-p-ah-r-ah-r-ay

Appendix 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	dʒaŋe: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	tɔŋfere	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	aŋfugare	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	lanŋfare	l-ah-n-ts-ah-r-ay
ToThrow-Eruncare	arronŋfare	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	gɟatʃʃjare	g-jg-ah-t-ts-jg-ah-r-ay
ToSwell	aumentare	au-m-ay-n-t-ah-r-ay
ToSwell-Inflare	enfiare	ay-n-f-e-ah-r-ay
ToSwell-Conflare	gonfjare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreʃʃere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Brojan	brufjare	b-r-u-ts-ah-r-ay
ToBurn-Cremare	kremare	k-r-ay-m-ah-r-ay
ToBurn-Flammare	fjammare	f-jg-ah-m-m-ah-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Flagrare	flagrare	f-l-ah-g-r-ah-r-ay
ToBurn-Incendere	inʃɛndjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-AncestralClass8	ustolare	u-s-t-oh-l-ah-r-ay
All	oɲni	oh-VdPalatalNasal-VdPalatalNasal-e
All-Totus	tutto	t-u-t-t-oh
Many	molto	m-oh-l-t-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alkuno	ah-l-k-u-n-oh
Few	poko	p-euh-k-oh
Other	altro	ah-l-t-r-oh
Big	mappo	m-ah-VdPalatalNasal-VdPalatalNasal-oh
Big-Grandem	grande	g-r-ah-n-d-ay
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	pitʃʃino	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	reʃʃente	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	sinistro	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	giallo	k-r-oh-ts-ay-oh
White	albo	ah-l-b-oh
One	uno	u-n-oh
Two-Duae	due	d-u-ay
Three	tre	t-r-ay
Four	quattro	k-w-ah-t-t-r-oh
Five	cinque	ts-e-nya-k-w-ay
Here	qui	k-w-e
There	la	l-ah
There-Ibi	ibi	v-e
Who-Qui	chi	k-e
What	che	k-ay
When-Quando	quando	k-w-ah-n-d-oh
How-Quomodo	come	k-oh-m-ay
Not	non	n-oh-n
Not-Nec	ne	n-ay
At	a	ah
In-In	in	e-n
With-Cum	con	k-oh-n
And-Et	e	ay
And-Si	si	s-e
Because-Quod	quod	k-ay

Brazilian Portuguese

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

Appendix 4 - Word Lists by Language

Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃɐ	b-e-shh-ahh
Fish-Piskem	peɪʃi	p-ayj-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɐru	p-ah-s-ahh-er-u
Dog	kɛw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛkɐʃɪ	s-ay-rr-p-ehn-ts-e
Worm	vɛɾmi	v-ay-rr-m-e
Tree	akvori	ah-rr-v-oh-er-e
Forest	sɛwva	s-eh-w-v-ah
Stick	paw	p-ah-w
Fruit	frutɐ	f-er-u-t-ahh
Seed-Sementis	semɛʃi	s-ay-m-ehn-ts-e
Seed-Granum	grɛw	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh
Leaf-Frondea	frɔsɐ	f-er-on-s-ahh
Root	ɾais	rr-ah-e-s
BarkOfATree	kɔkʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔkʃisɐ	k-oh-rr-ts-e-s-ahh
Flower	floɾ	f-l-oh-rr
Grass	ɛkɐvɐ	ay-rr-v-ahh
Grass-Gramen	grɛmɐ	g-er-ahn-m-ahh
Rope-Restis	ɾɛʃʃi	rr-eh-shh-ts-e
Skin	kodʒiɐ	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peli	p-eh-l-e
Meat	kaɾni	k-ah-rr-n-e
Meat-Vivenda	vivɛda	v-e-v-ehn-d-ah
Blood	sɛgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	graʃɐ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kɔɾnu	k-oh-rr-n-u
Tail	kawdɐ	k-ah-w-d-ahh
Feather-Penna	pɛnɐ	p-ay-n-ahh
Hair	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head	kabɛsɐ	k-ah-b-ay-s-ahh
Head-Testa	tɛstɐ	t-eh-s-t-ahh
Ear	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	dɛʃi	d-ehn-ts-e
Fingernail	ɯɾɐ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛɾnɐ	p-eh-rr-n-ahh
Knee-Geniculum	ʒueʎu	gzah-u-ay-yuh-u
Hand	mɛw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛsɐ	p-ahn-s-ahh
Guts	itɛɾɐ	een-t-er-ahn-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ɪʃpadwɐ	e-shh-p-ah-d-w-ahh
Breast	seju	s-ayj-u
Breast-Pectus	pejtu	p-ayj-t-u

Appendix 4 - Word Lists by Language

Heart	kɔɤ	k-euh-rr
Heart-Anima	awmɐ	ah-w-m-ahh
Liver	figɔdu	f-e-g-ahh-d-u
Sun	sɔw	s-euh-w
Moon	luɐ	l-u-ahh
Star	istrelɐ	e-s-t-er-ay-l-ahh
Water	agwɐ	ah-g-w-ahh
Rain	ʃuvɐ	shh-u-v-ahh
River	flumi	f-l-u-m-e
River-Rivus	ɤiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maɤ	m-ah-rr
Salt	saw	s-ah-w
Stone	sejʃu	s-ayj-shh-u
Stone-Petra	pedrɐ	p-ay-d-er-ahh
Sand	arejɐ	ah-er-ayj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	teɤ	t-ay-rr-ahh
Cloud	nuvẽj	n-u-v-ehnj
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kaliʒẽj	k-ah-l-e-gzah-ehnj
Fog-Nebula	nevɔɐ	n-eh-v-w-ahh
Fog-Tenebras	treɔs	t-er-eh-v-ahh-s
Fog-Fumata	fumasɐ	f-u-m-ah-s-ahh
Sky	sɛw	s-eh-w
Wind	vẽtu	v-ehn-t-u
Snow	nevi	n-eh-v-e
Smoke	fumu	f-u-m-u
Fire-Focus	fogu	f-oh-g-u
Ash-Cinisia	sĩʒɛʃ	s-een-zz-ahh-shh
Road	viɐ	v-e-ahh
Road-Strata	istradɐ	e-s-t-er-ah-d-ahh
Road-Camminus	kamĩnu	k-ah-m-een-VdPalatalNasal-u
Mountain	mõʃĩ	m-on-ts-e
Mountain-Montanea	mõteɤɐ	m-on-t-ahn-VdPalatalNasal-ahh
Night	nojtĩ	n-oj_diphthong-t-eee
Day	diɐ	d-e-ahh
Day-Diurna	ʒɔɤna	gzah-euh-rr-n-ah
Year	ɛnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
Tongue	liɤwɐ	l-een-g-w-ahh
ToDrink	bebeɤ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mẽʒak	m-ahn-gzah-ah-rr
ToBite	moɤdeɤ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musɔga	m-u-s-aah-g-ah
ToSuck	sugaɤ	s-u-g-ah-rr
ToSpit	kuspiɤ	k-u-s-p-e-rr
ToBreathe	ɤespiɤar	rr-ay-s-p-e-er-ah-er
ToLaugh	ɤiɤ	rr-e-rr
ToSee	veɤ	v-ay-rr
ToHear	owviɤ	oh-w-v-e-rr
ToKnow-Sapere	sabeɤ	s-ah-b-ay-rr
ToKnow-Cognoscere	koɤeseɤ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuzitaɤ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pẽsaɤ	p-ehn-s-ah-rr

Appendix 4 - Word Lists by Language

ToSmell-Sentire	sēŋʃik	s-ehn-ts-e-rr
ToSmell-Fragrare	ʃejraʁ	shh-ayj-er-ah-rr
ToFear	temeʁ	t-ay-m-ay-rr
ToFear-Tremere	tremeʁ	t-er-ay-m-ay-rr
ToSleep	doʁmiʁ	d-oh-rr-m-e-rr
ToLive	viveʁ	v-e-v-ay-rr
ToDie	moʁeʁ	m-oh-rr-ay-rr
ToKill-Mactare	mataʁ	m-ah-t-ah-rr
ToFight-Battuere	bateʁ	b-ah-t-ay-rr
ToHunt-Captiare	kasɑʁ	k-ah-s-ah-rr
ToHit	puʃɑʁ	p-u-shh-ah-rr
ToCut	segaʁ	s-ay-g-ah-rr
ToCut-Curtare	koʁtaʁ	k-oh-rr-t-ah-rr
ToCut-Taliare	taʎɑʁ	t-ah-yuh-ah-rr
ToSplit	dʒividʒik	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fēdeʁ	f-ehn-d-ay-rr
ToSplit-Partire	paʁʃik	p-ah-rr-ts-e-rr
ToSplit-Separare	separaʁ	s-ay-p-ah-er-ah-rr
ToStab	pūʒik	p-ooo-gzah-e-rr
ToScratch	ʁaʁeʁ	rr-ah-ay-rr
ToScratch-Rasare	ʁazaʁ	rr-ah-zz-ah-rr
ToScratch-Rasicare	ʁaʃkaʁ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaʎ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	kevaʁ	k-ahh-v-ah-rr
ToDig-Excavare	ifkevaʁ	e-shh-k-ahh-v-ah-rr
ToSwim	nadaʁ	n-ah-d-ah-rr
ToSwim-Navigare	naviʎaʁ	n-ah-v-eee-juh-ah-rr
ToFly	voaʁ	v-oh-ah-rr
ToWalk	kəmiɲaʁ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ēdaʁ	ahn-d-ah-rr
ToCome	viʁ	v-e-rr
ToLieAsInABed	istēdeʁ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ʒeʒeʁ	gzah-ahh-zz-ay-rr
ToSit	seʁ	s-ay-rr
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	iftar	eee-shh-t-ah-er
ToStand-Levare	levaʁ	l-ay-v-ah-rr
ToStand-Altiare	alsa	ah-ssha-s-ah
ToTurnIntransitive	toʁnaʁ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrare	ʒiraʁ	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	viʁaʁ	v-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	keiʁ	k-ahh-e-er
ToFall-Tumbare	tōbaʁ	t-on-b-ah-rr
ToGive	daʁ	d-ah-rr
ToGive-Donare	doa	d-oh-ah
ToHold	teʁ	t-ay-rr
ToHold-Segurar	siguraʁ	s-eee-g-u-er-ah-rr
ToSqueeze	ifprəmeʁ	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	seʁa	s-ay-rr-ah
ToSqueeze-Serare	siʁaʁ	s-eee-rr-ah-er
ToSqueeze-Appetorare	epirtaʁ	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃtriʒir	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iffrigaʁ	eee-shh-f-er-eee-g-ah-er
ToWash	leʋaʁ	l-ahh-v-ah-er
ToWipe-Exsucare	ēʃugaʁ	ehn-shh-u-g-ah-er
ToWipe-Limpidare	liʋaʁ	l-een-p-ah-er

Appendix 4 - Word Lists by Language

ToPull	ŧŧira	ts-e-er-ah
ToPull-Pulsare	puŧar	p-u-shh-ah-er
ToPull-Trahere	traze	t-er-ah-zz-ay
ToThrow	zejt̃ar	gzah-ayj-t-ah-er
ToThrow-Lanceare	l̃esa	l-ahn-s-ah
ToTie-Aptare	et̃ar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kōtar	k-on-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	k̃etar	k-ahn-t-ah-er
ToPlay-Jiocare	zogã	gzah-oh-g-ah-rr
ToFloat	flutuã	f-l-u-t-u-ah-rr
ToFlow	flwĩ	f-l-w-e-rr
ToFlow-Colare	koã	k-oh-ah-rr
ToFlow-Excurrere	iŧkovẽ	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	kovẽ	k-oh-rr-ay-rr
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	augmentar	au-g-m-ay-n-t-ah-er
ToSwell-Inflare	ĩŧar	een-shh-ah-er
ToSwell-Intumescere	ĩtumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kresẽ	k-er-ay-s-ay-rr
ToBurn-Cremare	kejm̃are	k-ahhj-m-ah-er-ay
ToBurn-Ardere	ãdẽ	ah-rr-d-ay-rr
ToBurn-Flagrare	flag̃ã	f-l-ah-g-rr-ah-rr
ToBurn-Incendere	ĩsendz̃iar	een-s-ay-n-VdPalatoAlveolarSibilant-I-ah-er
All-Totus	todu	t-oh-d-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	t̃etu	t-ahn-t-u
Some	awgũ	ah-w-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aw	ah-w
Big-Grandem	gr̃ẽdz̃i	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lōgu	l-on-g-u
Long-Largum	lãgu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ẽŧu	ahn-shh-u
Thick-Spissum	ĩspẽsu	e-s-p-eh-s-u
Thick-Grossum	grosu	g-er-oh-s-u
Heavy	gravi	g-er-ah-v-e
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekenu	p-ay-k-ay-n-u
Short	kugtu	k-u-rr-t-u
Short-Brevis	br̃evi	b-er-eh-v-e
Narrow-Strictus	istrejt̃u	e-s-t-er-ayj-t-u
Thin	miudu	m-e-u-d-u
Thin-Delicatus	dewgadu	d-ay-w-g-ah-d-u
Thin-Subtilis	sut̃ŧiw	s-u-ts-e-w
Warm	kawdu	k-ah-w-d-u
Cold	friu	f-er-e-u
Cold-Recens	kes̃ẽŧĩ	rr-ay-s-ehn-ts-e
Full	ŧeju	shh-ahhj-u
New	novu	n-oh-v-u
Old	ṽej̃lu	v-ahhj-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w

Appendix 4 - Word Lists by Language

Rotten-Putrem	podri	p-oh-d-er-e
Dirty	sordidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ispurku	e-s-p-u-er-k-u
Straight	dʒirejtu	VdPalatoAlveolarSibilant-e-er-ayj-t-u
Round	ʁedōdu	rr-ay-d-on-d-u
Smooth-Nitidus	nɛdʒu	n-eh-VdPalatoAlveolarSibilant-u
Dry	seku	s-ay-k-u
Near	prosimu	p-er-oh-s-e-m-u
Near-Vicinus	viziju	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	destru	d-eh-s-t-er-u
Left	sɛʃtru	s-eh-shh-t-er-u
Red	ʁoʃʊ	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	veʁmeʎu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ʁmareʎu	ahh-m-ah-er-eh-l-u
White	awvu	ah-w-v-u
One	ũ	ooo
Two-Duos	dojs	d-oj_diphthong-s
Two-Duas	duɐs	d-u-ahh-s
Three	tres	t-er-ay-s
Four	kwatru	k-w-ah-t-er-u
Five	siku	s-een-k-u
Here	aki	ah-k-e
There	la	l-ah
There-Adlbi	ai	ah-e
Who-Quem	kɛ̃j	k-ehnj
What	ki	k-e
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-ehnj
At	a	ah
In-In	ɛ̃j	ehnj
With-Cum	kō	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	muʎɐr	m-u-yuh-ay-er
Woman-Domina	donɐ	d-oh-n-ahh
ManHumanBeing	ɔmɛ̃j	euh-m-ehnj
Child	ʃfɛ̃ti	een-f-ahn-t-eee
Child-Ninnus	nenɛ̃j	n-ay-n-ehnj
Wife	ʃʃpozɐ	eee-shh-p-oh-zz-ahh
Wife-Mulier	muʎɐr	m-u-yuh-ay-er
Husband	mɛ̃riðu	m-ahh-er-e-dd-u

Appendix 4 - Word Lists by Language

Husband-Sponsus	ifpozu	eee-shh-p-oh-zz-u
Mother	mēj	m-ahnjn
Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃe	b-e-shh-ahh
Fish-Piskem	pɛjʃi	p-ahhj-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasɛru	p-ah-s-ahh-er-u
Dog	kēw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sirpēti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	sɛʎvɛ	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frutɛ	f-er-u-t-ahh
Seed-Sementis	simēti	s-eee-m-ehn-t-eee
Seed-Granum	grēw	g-er-au_diphthong_nasal
Leaf	foʎvɛ	f-oh-yuh-ahh
Leaf-Frondea	frōsɛ	f-er-on-s-ahh
Root	ʁɛjʃ	rr-ahh-e-shh
BarkOfATree	kɔrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtisɛ	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	ɛrvɛ	eh-er-v-ahh
Grass-Gramen	grɛmɛ	g-er-ahh-m-ahh
Rope-Restis	ʁɛʃti	rr-ay-shh-t-eee
Skin	kodie	k-oh-d-e-ahh
Skin-Pellis	peli	p-ay-l-eee
Meat	karni	k-ah-er-n-eee
Meat-Vivenda	vivēde	v-e-v-ehn-d-ahh
Blood	sɛqi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun-Crassia	graʃɛ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kornu	k-oh-er-n-u
Tail	kawdɛ	k-ah-w-d-ahh
Feather-Penna	pene	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	kɛβelu	k-ahh-bb-ay-l-u
Head	kɛβesɛ	k-ahh-bb-ay-s-ahh
Head-Testa	tɛʃtɛ	t-eh-shh-t-ahh
Ear	oɛjʎvɛ	oh-er-ahhj-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	nɛriʃ	n-ahh-er-e-shh
Mouth	boke	b-oh-k-ahh
Tooth	dēti	d-ehn-t-eee
Fingernail	uɲɛ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛmɛ	p-eh-er-n-ahh
Knee-Geniculum	ʒwɛʎu	gzah-w-ahh-yuh-u
Hand	mēw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pēsɛ	p-ahn-s-ahh
Guts	ētrɛɲɛ	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ifpadwɛ	e-shh-p-ah-d-w-ahh

Appendix 4 - Word Lists by Language

Breast	seju	s-ahhj-u
Breast-Pectus	pejtu	p-ahhj-t-u
Heart	kor	k-oh-er
Heart-Anima	almə	ah-l-m-ahh
Liver	fiyəðu	f-e-juh-ahh-dd-u
Sun	soł	s-euh-ssha
Moon	luə	l-u-ahh
Star	iftrele	eee-shh-t-er-ay-l-ahh
Water	agwe	ah-g-w-ahh
Rain	fuve	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	riu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sejfu	s-ahhj-shh-u
Stone-Petra	peðre	p-eh-dd-er-ahh
Sand	ereje	ahh-er-ahhj-ahh
Sand-Sabulum	sajbru	s-aj-bb-er-u
Dust-Pulwus	pə	p-euh
Earth	teke	t-eh-rr-ahh
Cloud	nuvẽj	n-u-v-ahnjn
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	keli3ẽj	k-ahh-l-e-gzah-ahnjn
Fog-Nebula	nevwe	n-eh-v-w-ahh
Fog-Tenebras	trevef	t-er-eh-v-ahh-shh
Fog-Fumata	fumasə	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vētu	v-ehn-t-u
Snow	nevi	n-eh-v-eee
Smoke	fumu	f-u-m-u
Fire-Focus	foyu	f-oh-juh-u
Ash-Cinisia	sizẽf	s-een-zz-ahh-shh
Road	vie	v-e-ahh
Road-Strata	iftraðe	e-shh-t-er-ah-dd-ahh
Road-Camminus	kemiju	k-ahh-m-e-VdPalatalNasal-u
Mountain	mōti	m-on-t-eee
Mountain-Montanea	mōtepe	m-on-t-ahh-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diə	d-e-ahh
Day-Diurna	3əna	gzah-euh-rr-n-ah
Year	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
Tongue	liqwe	l-een-g-w-ahh
ToDrink	bißer	b-eee-bb-ay-er
ToEat	kumer	k-u-m-ay-er
ToEat-Manducare	mēzar	m-ahn-gzah-ah-er
ToBite	murðer	m-u-er-dd-ay-er
ToBite-Morsicare	musəgar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	kuʃpir	k-u-shh-p-e-er
ToBreathe	ʁiʃpirar	rr-eee-shh-p-e-er-ah-er
ToLaugh	ʁir	rr-e-er
ToSee	ver	v-ay-er
ToHear	owvir	oh-w-v-e-er
ToKnow-Sapere	seber	s-ahh-b-ay-er
ToKnow-Cognoscere	kupiser	k-u-VdPalatalNasal-eee-s-ay-er

Appendix 4 - Word Lists by Language

ToThink	kuzitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	pēsar	p-ehn-s-ah-er
ToSmell-Sentire	sētir	s-ehn-t-e-er
ToSmell-Fragrare	fějrar	shh-ahhj-er-ah-er
ToFear	timer	t-eee-m-ay-er
ToFear-Tremere	trimer	t-er-eee-m-ay-er
ToSleep	durmir	d-u-er-m-e-er
ToLive	viver	v-e-v-ay-er
ToDie	muker	m-u-rr-ay-er
ToKill-Mactare	metar	m-ahh-t-ah-er
ToFight-Battuere	beter	b-ahh-t-ay-er
ToHunt-Captiare	kesar	k-ahh-s-ah-er
ToHit	pufar	p-u-shh-ah-er
ToCut	siyar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	təlar	t-ahh-yuh-ah-er
ToSplit	diviðir	d-e-v-e-dd-e-er
ToSplit-Findere	fēder	f-ehn-d-ay-er
ToSplit-Partire	pərtir	p-ahh-er-t-e-er
ToSplit-Separare	sipərar	s-eee-p-ahh-er-ah-er
ToStab	pūzir	p-ooo-gzah-e-er
ToScratch	køer	rr-ahh-ay-er
ToScratch-Rasare	køzar	rr-ahh-zz-ah-er
ToScratch-Rasicare	køjkar	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	kəvar	k-ahh-v-ah-er
ToDig-Excavare	ifkəvar	e-shh-k-ahh-v-ah-er
ToSwim	nəðar	n-ahh-dd-ah-er
ToSwim-Navigare	neviyar	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er
ToWalk	kəminar	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ēdar	ahn-d-ah-er
ToCome	vir	v-e-er
ToLieAsInABed	iftēder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zøzer	gzah-ahh-zz-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	iftar	eee-shh-t-ah-er
ToStand-Levare	livar	l-eee-v-ah-er
ToStand-Altiare	ałsar	ah-ssha-s-ah-er
ToTurnIntransitive	turnar	t-u-er-n-ah-er
ToTurnIntransitive-Gyrate	zirar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zirar	gzah-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	køir	k-ahh-e-er
ToFall-Tumbare	tōbar	t-on-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	duar	d-u-ah-er
ToHold	ter	t-ay-er
ToHold-Segurar	siyurar	s-eee-juh-u-er-ah-er
ToSqueeze	ifprømer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	səkar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sikar	s-eee-rr-ah-er
ToSqueeze-Appetoreare	əpirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əstrizir	aah-shh-t-r-eeen-gzah-e-r
ToRub-Exfricare	iffriyar	eee-shh-f-er-eee-juh-ah-er
ToWash	lavar	l-ahh-v-ah-er

Appendix 4 - Word Lists by Language

ToWipe-Exsucare	ēṣuṣar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	līpar	l-een-p-ah-er
ToPull	tīrar	t-e-er-ah-er
ToPull-Pulsare	pūṣar	p-u-shh-ah-er
ToPull-Trahere	trēzer	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ayj-t-ah-er
ToThrow-Lanceare	lēsar	l-ahn-s-ah-er
ToTie-Aptare	ētar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kōtar	k-on-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kētar	k-ahn-t-ah-er
ToPlay-Jiocare	zuyar	gzah-u-juh-ah-er
ToFloat	flutuar	f-l-u-t-u-ah-er
ToFlow	flwir	f-l-w-e-er
ToFlow-Colare	kuar	k-u-ah-er
ToFlow-Excurrere	īḵkurer	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kuṣer	k-u-rr-ay-er
ToFreeze	zīlar	gzah-eee-l-ah-er
ToSwell	augmentar	au-g-m-ay-n-t-ah-er
ToSwell-Inflate	īḵar	een-shh-ah-er
ToSwell-Intumescere	ītumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriṣser	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmaṣe	k-ayj-m-ah-rr-ay
ToBurn-Ardere	ērder	ahh-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	īsēdjar	een-s-ehn-d-jg-ah-er
All-Totus	toḍu	t-oh-dd-u
Many	mūḵtu	m-ooo-jn-t-u
Many-Tantus	tētū	t-ahn-t-u
Some	aḷgū	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aḷ	ah-ssha
Big-Grandem	grēdi	g-er-ahn-d-eee
Long-Longum	lōgu	l-on-g-u
Long-Largum	largu	l-ah-er-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ēṣu	ahn-shh-u
Thick	grāṣu	g-er-ah-shh-u
Thick-Spissum	īṣpesu	e-shh-p-ay-s-u
Thick-Grossum	grosu	g-er-oh-s-u
Heavy	gravi	g-er-ah-v-eee
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pikenu	p-eee-k-ay-n-u
Short	kurtu	k-u-er-t-u
Short-Brevis	brēvi	b-er-eh-v-eee
Narrow-Strictus	īḵtrējtu	eee-shh-t-er-ahhj-t-u
Thin	miuḍu	m-e-u-dd-u
Thin-Delicatus	deḷyaḍu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	suḷḵiw	s-u-ts-e-w
Warm	kaldū	k-ah-l-d-u
Cold	friu	f-er-e-u
Cold-Recens	ṣesēḵī	rr-ay-s-ehn-ts-e
Full	ṣejū	shh-ahhj-u
New	novu	n-oh-v-u

Appendix 4 - Word Lists by Language

Old	veʎu	v-ay-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w
Rotten-Putrem	poðri	p-oh-dd-er-eee
Dirty	sordidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ifpurku	e-shh-p-u-er-k-u
Straight	dirɛjtu	d-e-er-ahhj-t-u
Round	ʁidōdu	rr-eee-d-on-d-u
SharpAsAKnife	ɛyʊðu	ahh-juh-u-dd-u
Smooth-Nitidus	nedʒu	n-eh-VdPalatoAlveolarSibilant-u
Dry	seku	s-ay-k-u
Near	prosimu	p-er-oh-s-e-m-u
Near-Vicinus	viziju	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	dɛjtru	d-eh-shh-t-er-u
Left	sɛjtru	s-eh-shh-t-er-u
Red	ʁoʃu	rr-oh-shh-u
Red-Vermiculus	viɾmɛjʎu	v-eee-er-m-ahhj-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɛmɛɾɛlu	ahh-m-ahh-er-eh-l-u
White	alvu	ah-l-v-u
One	ũ	ooo
Two-Duos	dojʃ	d-oj_diphthong-shh
Two-Duas	duɛʃ	d-u-ahh-shh
Three	trejʃ	t-er-ay-shh
Four	kwatru	k-w-ah-t-er-u
Five	sĩku	s-een-k-u
Here	ɛki	ahh-k-e
There	la	l-ah
There-Adlbi	ɛi	ahh-e
Who-Quem	kɛj	k-ahnjn
What	ki	k-eee
When-Quando	kwɛdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nɛw	n-au_diphthong_nasal
Not-Nec	nɛj	n-ahnjn
At	ɛ	ahh
In-In	ɛj	ahnjn
With-Cum	kō	k-on
And-Et	i	e
And-Si	sĩ	s-een
Because-Quod	ki	k-eee

Catalan

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

Appendix 4 - Word Lists by Language

Wife-Mulier	muʎe	m-u-yuh-ay
Husband	marit	m-ah-er-e-t
Husband-Sponsus	əspəs	aah-s-p-euh-s
Mother	marə	m-ah-er-aah
Father	parə	p-ah-er-aah
Fish-Piskem	peʃ	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Avicellum	useʎ	u-s-ay-yuh
Dog	ka	k-ah
Louse	poʎ	p-oh-yuh
Snake	sərpen	s-aah-r-p-ay-n
Worm	vɛrm	v-eh-er-m
Tree	abrə	ah-b-er-aah
Forest	selba	s-ay-l-b-ah
Stick	pal	p-ah-l
Fruit	frujt	f-er-u-jg-t
Seed-Sementis	səmen	s-aah-m-ay-n
Seed-Granum	gra	g-er-ah
Leaf	fuʎə	f-u-yuh-aah
Root	ərel	aah-r-eh-l
BarkOfATree-Skortea	əskørsə	aah-s-k-euh-r-s-aah
Flower	flə	f-l-euh
Grass	erbə	ay-r-b-aah
Grass-Gramen	gram	g-er-ah-m
Skin	konnə	k-oh-n-n-aah
Skin-Pellis	peʎ	p-ay-yuh
Meat	karn	k-ah-r-n
Blood	saŋ	s-ah-nya
Bone	əs	euh-s
FatNoun-Crassia	greʃ	g-er-ay-shh
Egg	ow	euh-w
Horn	körn	k-euh-r-n
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	pepə	p-eh-VdPalatalNasal-aah
Hair	pəl	p-eh-l
Hair-Capillus	kəbeʎ	k-aah-b-eh-yuh
Head	kap	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	ureʎə	u-er-eh-yuh-aah
Nose	nas	n-ah-s
Nose-Nares	na:ris	n-A-r-I-s
Mouth	bokə	b-oh-k-aah
Mouth-Gula	golə	g-oh-l-aah
Foot	pɛw	p-eh-w
Leg-Gamba	kambə	k-ah-m-b-aah
Leg-Perna	pɛrnə	p-eh-r-n-aah
Knee-Geniculum	ʒənoʎ	gzah-aah-n-oh-yuh
Wing	alə	ah-l-aah
Belly	bentrə	b-ay-n-t-er-aah
Belly-Pantex	paŋʃə	p-ah-VdPalatalNasal-shh-aah
Guts	əntrəpə	aah-n-t-er-ah-VdPalatalNasal-aah
Neck	kəʎ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaʎʎə	aah-s-p-ah-yuh-yuh-aah
Breast	si	s-e
Breast-Pectus	pit	p-e-t

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

ToKill-Occidere	uksi	u-k-s-e
ToFight	pupa	p-u-VdPalatalNasal-ah
ToFight-Battuere	batrə	b-ah-t-er-aah
ToHunt-Captiare	kəsa	k-aah-s-ah
ToCut	səya	s-aah-juh-ah
ToCut-Taliare	təla	t-aah-yuh-ah
ToSplit	dibidi	d-e-b-e-d-e
ToSplit-Findere	fendrə	f-eh-n-d-er-aah
ToSplit-Partire	pəti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab	pupi	p-u-VdPalatalNasal-e
ToScratch	rawrə	r-ah-w-er-aah
ToScratch-Rasare	rəza	r-aah-zz-ah
ToScratch-Rasicare	rəska	r-aah-s-k-ah
ToDig-Cavare	kəba	k-aah-b-ah
ToSwim	nəda	n-aah-d-ah
ToSwim-Navigare	nəbəga	n-aah-b-aah-g-ah
ToFly	bula	b-u-l-ah
ToWalk	kəmina	k-aah-m-e-n-ah
ToCome	bəni	b-aah-n-e
ToLieAsInABed	əstendrə	aah-s-t-ay-n-d-er-aah
ToLieAsInABed-lacere	zawrə	gzah-ah-w-er-aah
ToStand	əsta	aah-s-t-ah
ToStand-Levare	ləba	yuh-aah-b-ah
ToStand-Altiare	əlsa	aah-l-s-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Gyrare	zira	gzah-e-er-ah
ToTurnIntransitive-AncestralClass3	bira	b-e-er-ah
ToTurnIntransitive-Torqueare	tərsə	t-euh-r-s-aah
ToFall	kawrə	k-ah-w-r-aah
ToFall-Tumbare	tumba	t-u-m-b-ah
ToGive	dar	d-ah-r
ToGive-Donare	duna	d-u-n-ah
ToHold	təni	t-aah-n-e
ToSqueeze	əspremə	aah-s-p-er-ay-m-aah
ToSqueeze-Serrere	səra	s-aah-r-ah
ToSqueeze-Stringere	əstreɲə	aah-s-t-er-eh-VdPalatalNasal-aah
ToRub	frəga	f-er-aah-g-ah
ToRub-Frictiare	frəsa	f-er-aah-s-ah
ToWash	ləba	yuh-aah-b-ah
ToWipe-Extergere	əstərzi	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	əʃuga	aah-shh-u-g-ah
ToPull	tira	t-e-er-ah
ToPull-Trahere	təwrə	t-er-eh-w-er-aah
ToPush	əmpɛɲə	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	lənsa	yuh-aah-n-s-ah
ToTie	liya	yuh-e-juh-ah
ToSew	kuzi	k-u-zz-e
ToCount	kumta	k-u-m-t-ah
ToCount-Enumerare	enumera	ay-n-u-m-ay-er-ah
ToCount-Numerare	numera	n-u-m-ay-er-ah
ToSay	di	d-e
ToSing-AncestralClass	kənta	k-aah-n-t-ah
ToPlay-Jiocare	zuga	gzah-u-g-ah
ToFloat	fluktua	f-l-u-k-t-u-ah
ToFlow	flui	f-l-u-e

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Walloon

Cognate	IPA	Sounds
I	dʒɪ	VdPalatoAlveolarSibilant-I
We	no	n-oh
YouPlural	vos	v-oh-s
YouSingular	ty	t-eeh
Woman	fœm	f-uuh-m
Woman-Domina	dœm	d-uuh-m
ManHumanBeing	ɔm	euh-m
Child	ɛfɑ	eh-f-Nasala
Mother	mɛr	m-ay-VIUvularTrill
Father	pɛ:r	p-Eh-r
Fish-Pescion	pehɔ	p-eh-h-on
Bird-Avicellum	u:hɛ:	U-h-Eh
Dog	ʃɛ	ts-ehn
Louse	pju	p-jg-u
Snake	sʃɛkpɛ	s-jg-eh-rr-p-ehn
Worm	vʃɛr	v-jg-eh-VIUvularTrill
Tree	o:b	O-b
Fruit	fry	f-VIUvularTrill-eeh
Seed-Sementis	simɛs	s-e-m-ehn-s
Seed-Granum	grin	g-r-e-n
Leaf	fɔj	f-euh-jg
Root-Radicina	resɛn	VIUvularTrill-eh-s-eh-n
BarkOfATree-Skortea	skwas	s-k-w-ah-s
Flower	flɔ:r	f-l-o-rr
Grass	jɛp	jg-eh-p
Skin-Pellis	pja	p-jg-ah
Meat	ʃɔ:	ts-LongOpenMidBackRounded
Blood	sɔ:g	s-OOO-g
Bone	ɔʃ	euh-shh
FatNoun-Crassia	krɔ:ç	k-VIUvularTrill-LongOpenMidBackRounded-sh
Egg	u:	U
Horn	kwɛn	k-w-eh-n
Tail	kɔw	k-euh-w

Appendix 4 - Word Lists by Language

Feather	plɒm	p-l-euh-m
Feather-Penna	pen	p-ay-n
Hair-Capillus	ʃivja	ts-e-v-jg-ah
Head-Testa	ʃes	ts-eh-s
Ear	ɔraj	euh-VIUvularTrill-aj
Eye	u:j	U-jg
Nose	ne	n-ay
Mouth	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	dʒāp	VdPalatoAlveolarSibilant-an-p
Knee-Geniculum	dʒino	VdPalatoAlveolarSibilant-e-n-euh
Hand	mē	m-ehn
Wing	el	ay-l
Belly	vēt	v-ehnn-t
Belly-Pantex	pās	p-an-s
Back	dɔ	d-euh
Back-Spatula	spal	s-p-ah-l
Heart	ku:ɤ	k-U-rr
Heart-Anima	ɔ:m	LongOpenMidBackRounded-m
Liver	fø:t	f-o-t
Sun	sɔlɔ	s-euh-l-euh
Moon	løn	l-uu-n
Star	stø:l	s-t-o-l
Water	ɛ:w	Eh-w
Rain	plu:ɤ	p-l-U-rr
River-Riparia	rivi:ɤ	r-e-v-E-rr
Lake	lak	l-ah-k
Sea	meɤ	m-ay-rr
Salt	se	s-ay
Stone-Petra	pi:ɤ	p-E-rr
Sand-Sabulum	so:vjō	s-O-v-jg-on
Earth	tɛ:ɤ	t-Eh-rr
Sky	si:ɤ	s-E-rr
Wind	vē	v-ehn
Snow	ni:f	n-E-f
Ice-Glacies	gles	g-l-eh-s
Fire-Focus	fø:	f-o
Ash	sē:d	s-LongNasalE-d
Mountain-Montanea	mōtap	m-on-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	dʒu:	VdPalatoAlveolarSibilant-U
Day-Diurnus	dʒu:	VdPalatoAlveolarSibilant-U
Year	ā	NasalA
Name-Nomen	nō	n-on
Tongue	lēu	l-ehnun
ToDrink	bø:ɤ	b-o-rr
ToEat-Manducare	mapi:	m-ah-VdPalatalNasal-E
ToSuck	sysi:	s-eeh-s-E
ToVomit	vo:mi	v-O-m-e
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ki:ɤ	rr-E-rr
ToSee	vi:r	v-E-VIUvularTrill
ToHear	ōr	on-VIUvularTrill
ToKnow-Sapere	savø:r	s-ah-v-o-VIUvularTrill

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

Short-Brevis	bʁɛf	b-rr-ay-f
Narrow-Strictus	stʁø:	s-t-rr-o
Thin	minu	m-e-n-u
Thin-Subtilis	su:ti	s-U-t-e
Warm	ʃð	ts-on
Cold	frwɛ	f-VIUvularTrill-w-eh
Full	plɛ	p-l-ehn
New	nɔvɛ	n-euh-v-eh
Old	vi:	v-E
Good	bō	b-on
Bad	mɔ:	m-LongOpenMidBackRounded
Straight	drø:	d-r-o
Round	rō	r-on
Dry	sɛʃ	s-eh-ts
Near-Pressus	prɛ	p-r-eh
Near-Vicinus	viʒɛ	v-e-gzah-ehn
Red-Rubeus	rɔʃ	r-euh-ts
Green	vɛʁ	v-eh-rr
Yellow	dʒɛn	VdPalatoAlveolarSibilant-eh-n
One	ō	on
Two-Duos	dø:	d-o
Three	trø:	t-r-o
Four	kwat	k-w-ah-t
Five	sɛk	s-ehn-k
There	la	l-ah
Who-Qui	ki:	k-E
What	kwe:	k-w-Eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	kɔmɛ	k-euh-m-ehnn
Not	nō	n-oon
Not-Nec	nɛ	n-ehn
At	a	ah
With-Abhoc	avu	ah-v-u
And-Et	ɛ	eh
And-Si	si	s-e
Because-Quod	ki:	k-E

Friulian

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

Cold	fre:t	f-r-ai-t
Cold-Recens	retsint	r-ay-VlAlveolarSibilantAffricate-e-n-t
Full	plɛn	p-l-eh-n
New	nu:f	VdPalatalNasal-U-f
Old	vjei	v-jg-ay-e
Good	bɔn	b-euh-n
Bad	ma:l	m-A-l
Dirty-Spurcus	spɔrk	s-p-euh-r-k
Straight	drɛt	d-r-eh-t
Round	tarɔnt	t-ah-r-euh-n-t
Smooth-Nitidus	net	n-eh-t
Wet	umid	u-m-e-d
Dry	sek	s-eh-k
Near	prosim	p-r-oh-s-e-m
Near-Vicinus	viʃin	v-e-ts-e-n
Far	lontan	l-oh-n-t-ah-n
Right-Dextrem	djestri	d-jg-ay-s-t-r-e
Left	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	tʃe	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	tʃemu:t	ts-ay-m-U-t
Not	no	n-oh
At	a	ah
And-Et	e	ay
And-Si	si	s-e
Because-Quod	ke	k-ay

Romanian

Cognate	IPA	Sounds
I	jew	jg-ay-w
We	noj	n-oj_diphthong
YouPlural	voj	v-oj_diphthong
YouSingular	tu	t-u
Woman	femeje	f-ay-m-ay-jg-ay
Woman-Mulier	mujere	m-u-jg-ay-r-ay
Woman-Domina	doamɔ	d-oaa-m-n-aah
ManHumanBeing	om	oh-m
Wife-Mulier	mujere	m-u-jg-ay-r-ay
Husband	mɔrit	m-aah-r-e-t
Husband-Socius	sɔts	s-oh-VlAlveolarSibilantAffricate
Father-Tata	tatɔ	t-ah-t-aah
Animal	nɔmaje	n-aah-m-ah-jg-ay
Fish-Piskem	peʃte	p-ay-shh-t-ay
Bird-Passerem	pasɔre	p-ah-s-aah-er-ay
Dog	kijne	k-eeej-n-ay
Louse	pɔdukje	p-aah-d-u-k-jg-ay

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

Dust	pulbere	p-u-l-b-ay-r-ay
Earth	tsarə	VlAlveolarSibilantAffricate-ah-r-aah
Cloud-Secondary	nor	n-oh-r
Fog-Nebula	negurə	n-ay-g-u-r-aah
Fog-Caecia	tʃeatʃə	ts-eaha-ts-aah
Sky	tʃer	ts-ay-er
Wind	vint	v-eee-n-t
Snow	neə	n-eaha
Ice	dʒer	VdPalatoAlveolarSibilant-ay-r
Ice-Glacies	geatsə	g-eaha-VlAlveolarSibilantAffricate-aah
Smoke	fum	f-u-m
Fire-Focus	fok	f-oh-k
Ash-Cinisia	tʃenuʃə	ts-ay-n-u-shh-aah
Mountain	muntə	m-u-n-t-eh
Night	noapte	n-oaa-p-t-ay
Day	zi	zz-e
Year	an	ah-n
Name-Nomen	nume	n-u-m-ay
Tongue	limbə	l-e-m-b-aah
ToDrink	beə	b-eaha
ToEat-Manducare	minka	m-eee-n-k-ah
ToBite-Morsicare	murseka	m-u-r-s-ay-k-ah
ToSuck	sudʒe	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	skujpa	s-k-u-jg-p-ah
ToVomit	voame	v-oaa-m-ay
ToBlow	sufla	s-u-f-l-ah
ToLaugh	ride	er-eee-d-ay
ToSee	vedea	v-ay-d-eaha
ToHear	auzi	ah-u-zz-e
ToKnow	ʃti	shh-t-e
ToKnow-Cognoscere	kunoafte	k-u-n-oaa-shh-t-ay
ToThink	kudzeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pəsa	p-aah-s-ah
ToSmell-Sentire	simtsi	s-e-m-VlAlveolarSibilantAffricate-e
ToFear	teme	t-ay-m-ay
ToSleep	dormi	d-oh-r-m-e
ToLive	via	v-e-ah
ToDie	muri	m-u-r-e
ToKill	neka	n-ay-k-ah
ToKill-Occidere	uʃide	u-ts-e-d-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHit	pulsa	p-u-l-s-ah
ToCut-Excurtare	skurta	s-k-u-r-t-ah
ToCut-Taliare	taja	t-aah-jg-ah
ToSplit	divide	d-e-v-e-d-ay
ToSplit-Separare	separa	s-ay-p-ah-r-ah
ToStab	pundʒe	p-u-n-VdPalatoAlveolarSibilant-ay
ToScratch	rade	r-ah-d-ay
ToSwim-Navigare	naviga	n-ah-v-e-g-ah
ToFly-Exvolare	zbura	zz-b-u-er-ah
ToWalk-Mergere	merdʒe	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome	veni	v-ay-n-e
ToLieAsInABed	ekstinde	ay-k-s-t-e-n-d-ay
ToLieAsInABed-lacere	zəʃea	zz-aah-ts-eaha
ToSit	fedea	shh-ay-d-eaha
ToStand	sta	s-t-ah
ToStand-Levare	lua	l-u-ah

Appendix 4 - Word Lists by Language

ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Torquere	toarʃe	t-oaa-r-ts-ay
ToFall	kədəa	k-aah-d-eaha
ToGive	da	d-ah
ToHold	tsine	VAlveolarSibilantAffricate-e-n-ay
ToSqueeze	skreme	s-k-r-ay-m-ay
ToSqueeze-Stringere	strindʒe	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub	freka	f-r-ay-k-ah
ToWash	la	l-ah
ToWipe-Extergere	ʃterdʒe	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	uska	u-s-k-ah
ToPull-Pulsare	pulsa	p-u-l-s-ah
ToPull-Trahere	tradʒe	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush	impindʒe	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToThrow-Eruncare	arunʒka	ah-er-u-nya-k-ah
ToTie	lega	l-ay-g-ah
ToSew	coase	tya-oaa-s-ay
ToCount-Numerare	numara	n-u-m-ah-r-ah
ToSay	ziʃe	zz-e-ts-ay
ToSay-Exponere	spune	s-p-u-n-ay
ToSing-AncestralClass	kinta	k-eee-n-t-ah
ToPlay-Jiocare	zuka	gzah-u-k-ah
ToFloat	fluctua	f-l-u-tya-t-u-ah
ToFlow-Excurrere	skurdʒe	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdʒe	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetsa	eee-n-g-ay-VAlveolarSibilantAffricate-ah
ToSwell-Inflare	umfla	u-m-f-l-ah
ToSwell-Crescere	kreʃte	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay
ToBurn-Incendere	inʃindʒe	eee-n-ts-e-n-d-gzah-ay
ToBurn-AncestralClass8	ustura	u-s-t-u-r-ah
All-Totus	tot	t-oh-t
Many	mult	m-u-l-t
Other	alt	ah-l-t
Big-Majjorem	mare	m-ah-er-ay
Long-Longum	lung	l-u-n-g
Long-Largum	larg	l-ah-r-g
Wide	lat	l-ah-t
Thick	gras	g-r-ah-s
Thick-Grossum	gros	g-r-oh-s
Heavy	grew	g-er-ay-w
Small-Pittinus	putsin	p-u-VAlveolarSibilantAffricate-e-n
Narrow	ingust	eee-nya-g-u-s-t
Narrow-Strictus	strimt	s-t-r-eee-m-t
Thin	mərunt	m-aah-r-u-n-t
Thin-Subtilis	subtsire	s-u-b-VAlveolarSibilantAffricate-e-r-ay
Warm	kald	k-ah-l-d
Cold-Recens	reʃe	r-ay-ts-ay
Full	plin	p-l-e-n
New	now	n-oh-w
Old	vekʲ	v-ay-kpalatal
Good	bun	b-u-n
Rotten	putred	p-u-t-r-ay-d
Dirty-Spurcus	spurk	s-p-u-r-k
Straight	drept	d-r-ay-p-t
Round	rətund	r-aah-t-u-n-d
Smooth-Nitidus	neted	n-ay-t-ay-d

Appendix 4 - Word Lists by Language

Wet	umed	u-m-ay-d
Wet-Udus	ud	u-d
Dry	sek	s-ay-k
Near-AdPrope	aproape	ah-p-r-oaa-p-ay
Near-Vicinus	veſſin	v-ay-ts-e-n
Red	roſu	er-oh-shh-u
Red-Rubeus	rojb	r-oj_diphthong-b
Green	verde	v-ay-er-d-ay
Yellow	galben	g-ah-l-b-ay-n
White	alb	ah-l-b
One	unu	u-n-u
Two-Duos	doj	d-oj_diphthong
Two-Duae	dowə	d-oh-w-aah
Three	trej	t-r-ayj
Four	patru	p-ah-t-r-u
Five	ſinſ	ts-e-n-ts
There	la	l-ah
Who-Quem	ſine	ts-e-n-ay
What	ſe	ts-ay
When-Quando	kind	k-eee-n-d
How-Quomodo	kum	k-u-m
Not	nu	n-u
At	a	ah
In-In	in	eee-n
With-Cum	ku	k-u
And-Et	e	ay
And-Si	ſi	shh-e
Because-Quod	kə	k-aah

Appendix 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							ɻ	j			
Tap/Flap					ɾ						
Trill					r					R	
Lateral, Fricative											
Lateral, Approximant					l			ʎ			
Lateral, Tap/Flap											

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

Non-Pulmonic Consonants

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

Appendix 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

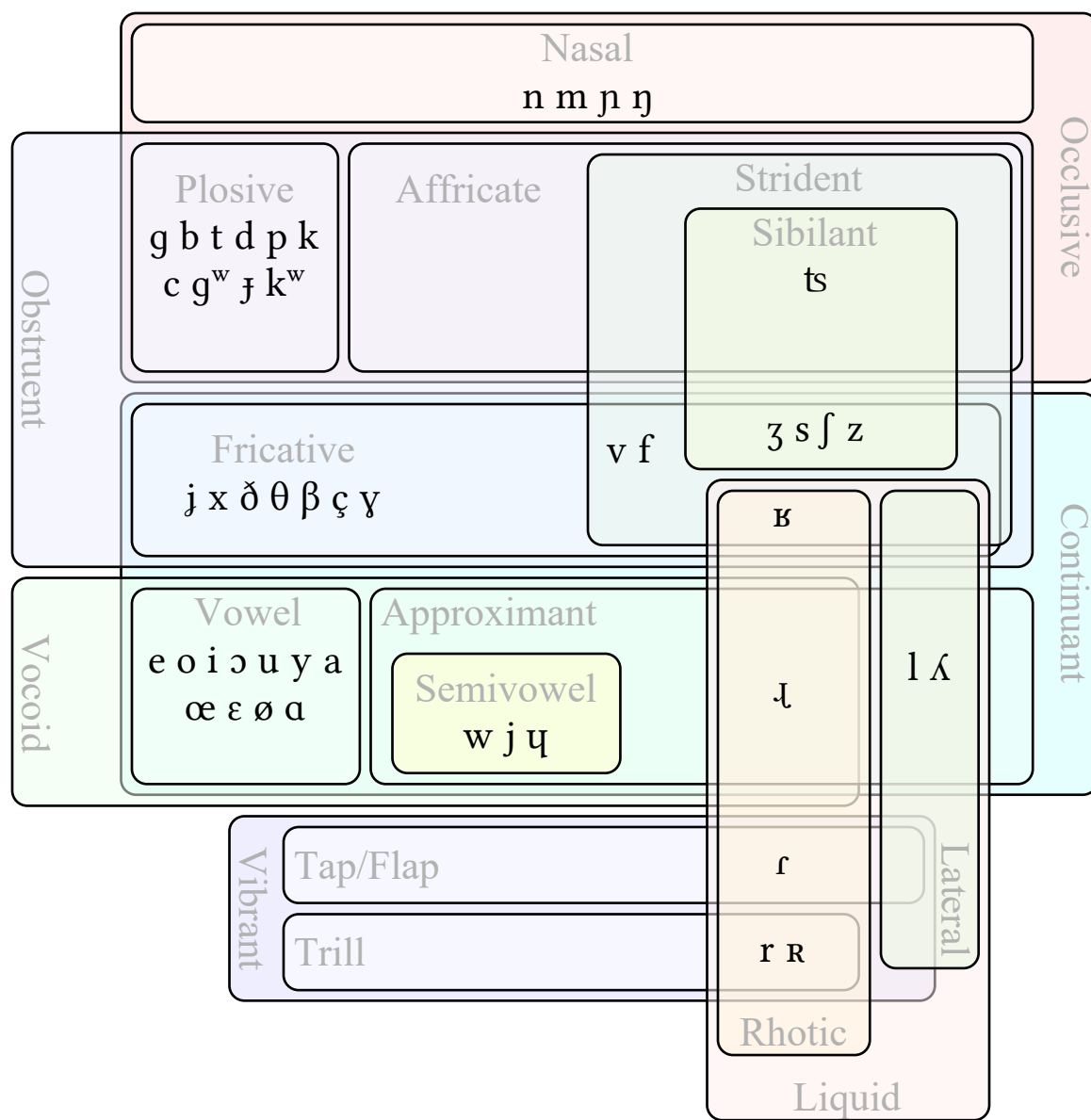
Manner
Central
Lateral

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	ɟ̃	Palatal Nasal Approximant

Appendix 6 - Euler Feature Diagram



Appendix 7 - International Phonetic Alphabet

IPA Segments

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

Appendix 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 Parent Vowel	0062 Bilabial Voiced Pulmonic Stop Occlusive	0063 Palatal Pulmonic Stop Occlusive
d	e	f	h
0064 Alveolar Voiced Pulmonic Stop Occlusive	0065 Close-mid Front Vocoid Vowel Continuant Parent Vowel	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0068 Glottal Pulmonic Fricative
i	j	k	l
0069 Close Front Vocoid Vowel Continuant Parent Vowel	006A Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant	006B Velar Pulmonic Stop Occlusive	006C Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
m	n	o	p
006D Bilabial Voiced Pulmonic Nasal Occlusive	006E Alveolar Voiced Pulmonic Nasal Occlusive	006F Close-mid Back Rounded Vocoid Vowel Continuant Parent Vowel	0070 Bilabial Pulmonic Stop Occlusive
r	s	t	u
0072 Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	0073 Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	0074 Alveolar Pulmonic Stop Occlusive	0075 Close Back Rounded Vocoid Vowel Continuant Parent Vowel
v	w	x	y
0076 Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0077 Labial-Velar Vocoid Semivowel Voiced Approximant Continuant Labial Velar	0078 Velar Pulmonic Fricative Obstruent Continuant	0079 Close Front Rounded Vocoid Vowel Continuant Parent Vowel

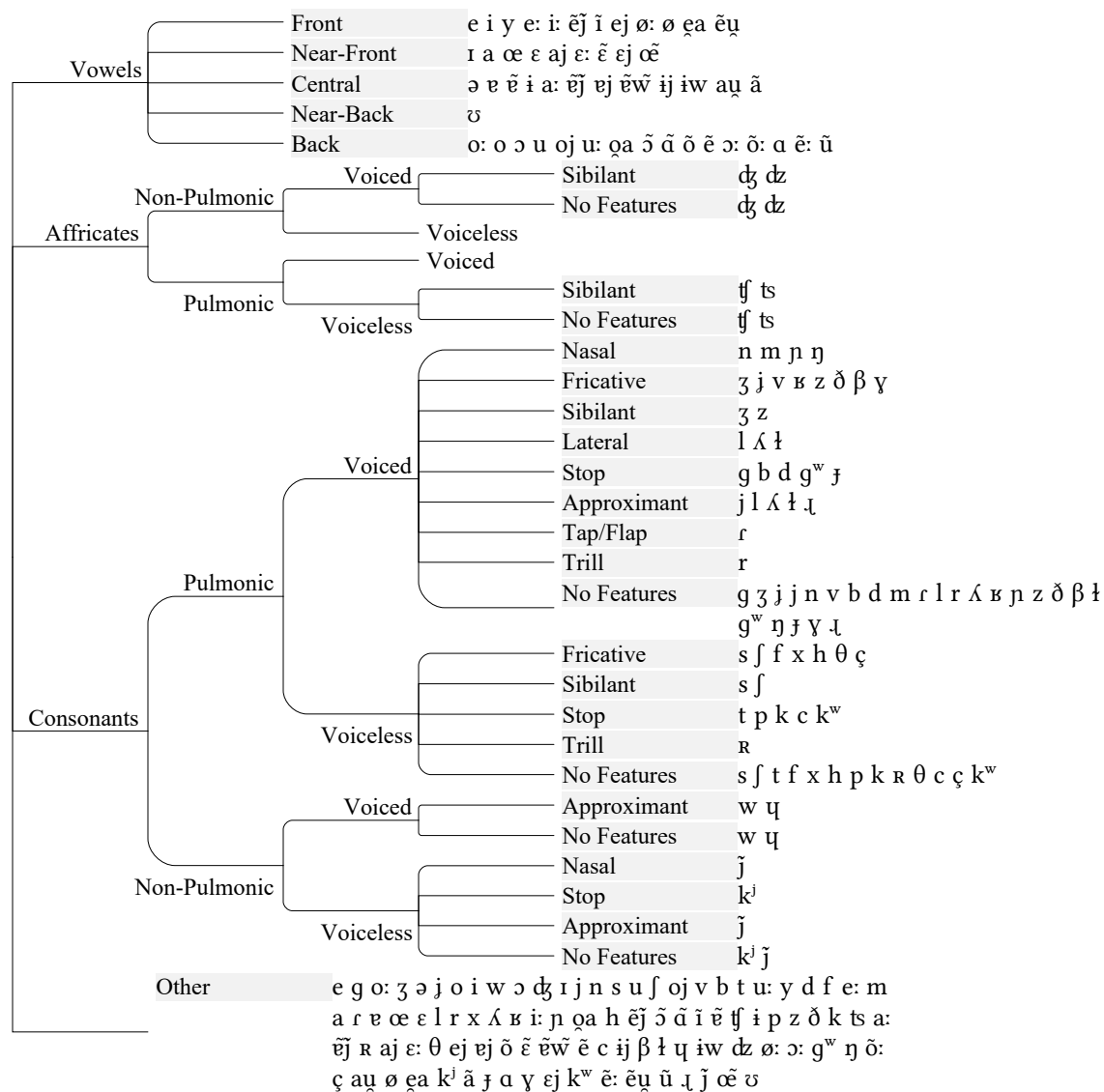
Appendix 7 - International Phonetic Alphabet

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

Appendix 7 - International Phonetic Alphabet

ʊ	ʎ	ɜ	j
028A	028E	0292	029D
Near-close Near-Back Rounded Vowel	Palatal Vowoid 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
ˈ	Ejective	ʁ	Pharyngealized	ˆ	Falling tone
˘	Non-syllabic	˞	No audible release	˚	Rhotic hook
ɹ	Advanced tongue root	ɿ	Apical	˝	Extra low tone
˘	Less rounded	ɲ	Dental	˜	Velarized or Pharyngealized
↘	Global fall	ɣ	Velarized	ˊ	High tone
h	Aspirated	j	Palatalized	˚	Creaky voiced
˘	Low tone	l	Lateral release	ˉ	Mid tone
◻	Laminal	˚	Linguo-Labial	ɳ	Nasal release
˚	More rounded	ɽ	Lowered	ɽ	Retracted tongue root
↗	Global rise	ɿ	Raised	˝	Extra high tone
˚	Breathy voiced	˘	Voiced	w	Labialized
˘	Extra short	x	Mid-centralized	↓	Down-step
↑	Up-step	ː	Long	˙	Half-long
	Indeterminacy in french vowels		Begin Non-segmental notation		End non-segmental notation
ʕ	Voiced epiglottal fricative	!	Post-alveolar click		Minor group
	Dental click		Major group		Alveolar lateral click
ʈ	Palatal click	◦	Voiceless descender	-	Combining macron
ˉ	Tie-bar below	˘	Tie-bar above	1	Ready made combination
→	Becomes		Separator		

Appendix 10 - Languages

Latin

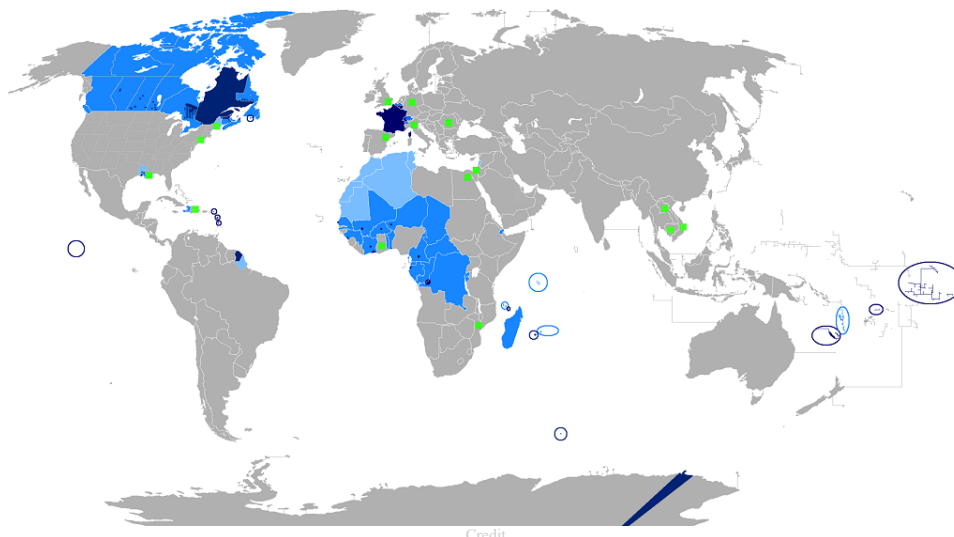


A classical language belonging to the Italic branch of the Indo-European languages. Latin was originally spoken in the area around Rome, known as Latium. Through the power of the Roman Republic, it became the dominant language in Italy, and subsequently throughout the western Roman Empire, before eventually 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



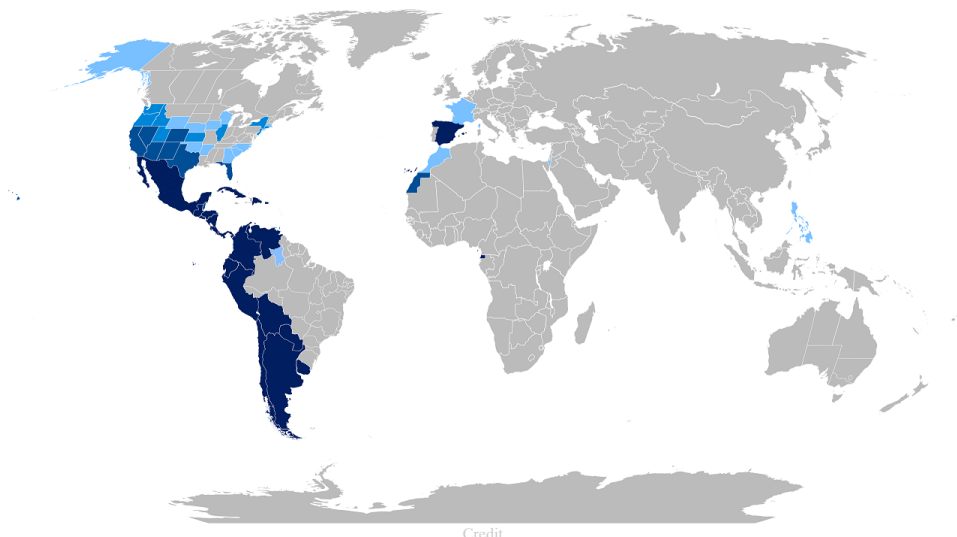
A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically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

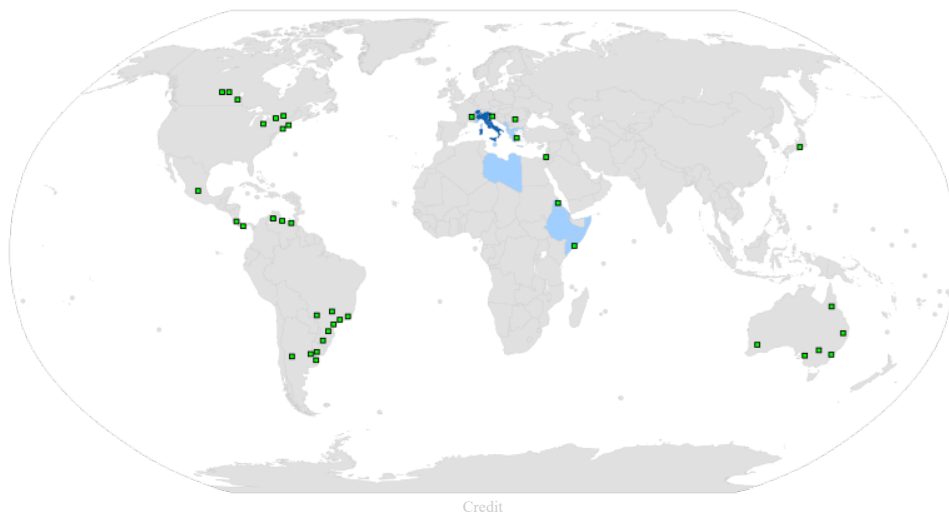
Appendix 10 - Languages

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

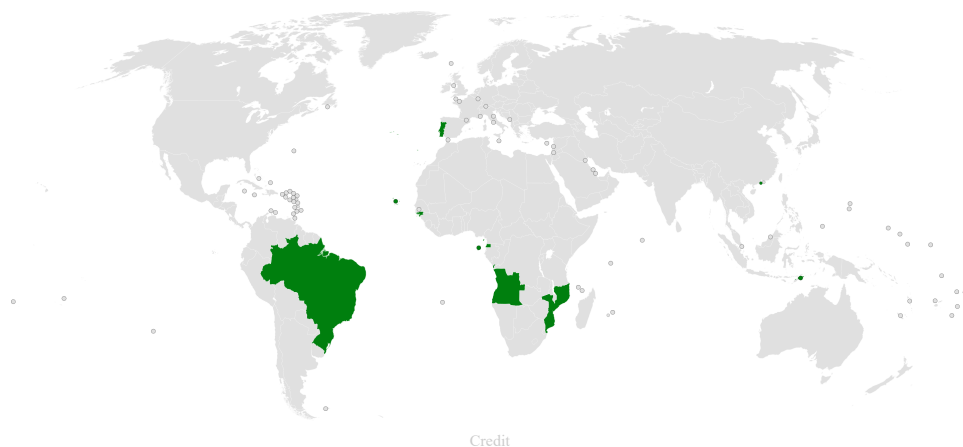
languages covered by the European Charter for Regional or Minority languages in Bosnia and Herzegovina and in Romania, although Italian is neither a co-official nor a protected language in these countries. Many speakers of Italian are native bilinguals of both Italian (either in its standard form or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

Brazilian Portuguese



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



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



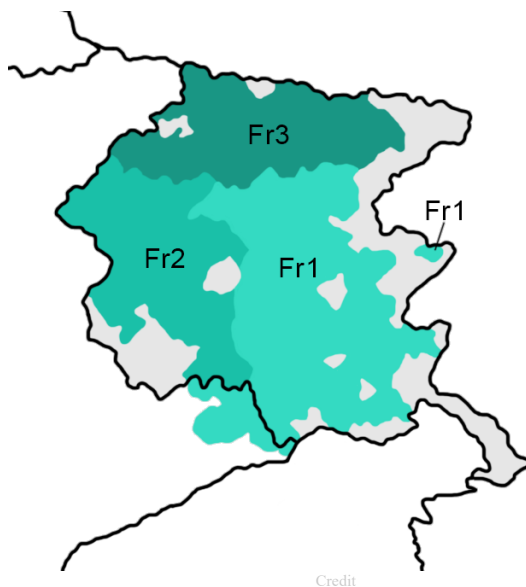
Credit

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



Credit

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".