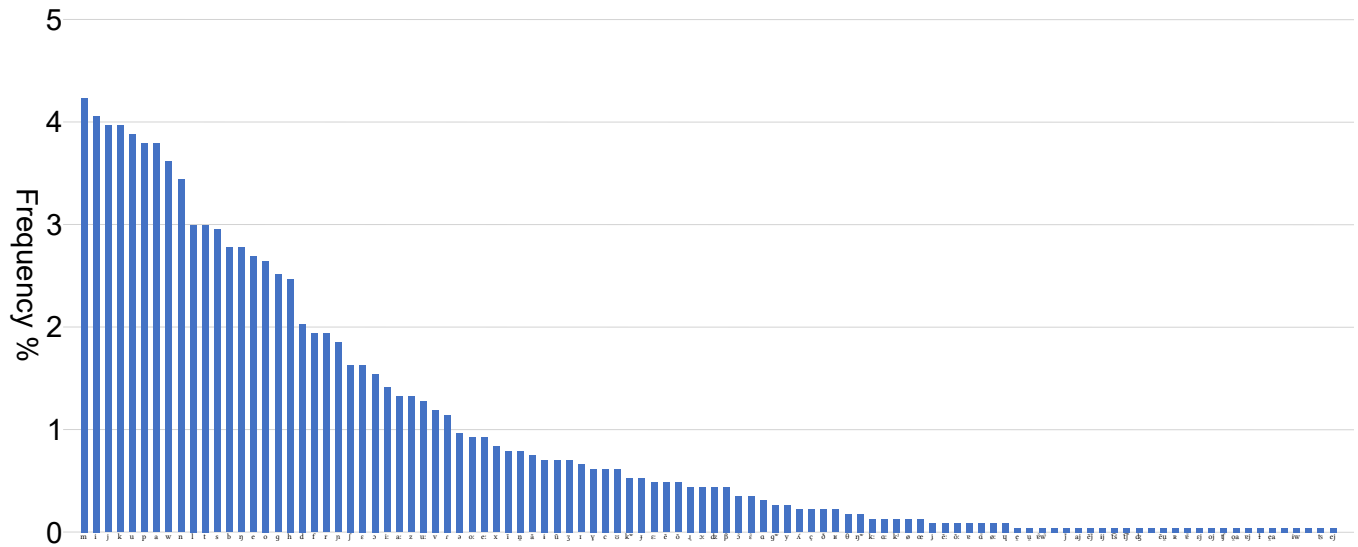


Appendix 1 - Prior Segment Frequencies



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

o(w)	006F, 0028, 0077, 0029	90
o(w)viɤ		
ẽj	0250, 0303, 006A, 0303	54
mẽj mẽj nuvej̃ kɛlizẽj̃ kẽj̃ nẽj̃ ẽj̃		
ẽw̃	0250, 0303, 0077, 0303	63
kẽw̃ kẽw̃ grẽw̃ grẽw̃ mẽw̃ mẽw̃ nẽw̃ nẽw̃		
au	0061, 0075, 032F	78
kaụda aụdi:re aụgmenta:re aụmentar aụmentare aụgmentar aụgmentar paũkus		
ɛa	0065, 032F, 0061	80
tɛạstə stɛạ tʃɛạtʃə nɛạ gɛạtsə bɛạ avedɛạ zəʃɛạ fedɛạ kədɛạ		
oa	006F, 032F, 0061	42
dɔam̩nə ʔɔaje skɔartsə ʔɔare ɔɔadə sɔare ʔɔaje nɔapte kunɔafte tɔartʃe ɔɔase aprɔape		
ʃs̩	0074, 0361, 0073	93
simʃsi		
ʃj̃	0074, 0361, 0283	92
sɛʃʃiɤ		
ẽj̃	1EBD, 006A, 0303	43
omẽj̃ ɔmẽj̃ nenẽj̃ nenẽj̃ nuvej̃̃ kalizẽj̃̃ omẽj̃̃ omẽj̃̃ omẽj̃̃ omẽj̃̃ kẽj̃̃ nẽj̃̃ ẽj̃̃		
ẽu	1EBD, 0075, 032F	89
lẽu		
aj	0061, 006A	56
paj paj ɔraj ajyɔwə sajβru sajβru tene:braj kajkia kajlum nwaje traj majjo:rem 'frajt 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 fuma:ta stra:ta monta:nea diurna:ta manduka:re manja: morsika:re cuca: spuda: gomita: fla:re spi:ra:re respira: ko:gita:re pe:nsa:re penja: odo:ra:re fra:gra:re trima: neka:re tu:ta:ri makta:re matja: pugna:re kaptiare ca:ʃa: pulsa:re pulsa: seka:re sea: kurta:re ekskurta:re skurta: ta:lia:re ta:la:la:re taja: se:para:re separa: jugula:re jugula:re ra:dere rada: rasa: kawa:re java: ekskawa:re zjava: nata:re nada: naviga:re naviga: wola:re zvola: camina: ma:rʃi: ambita:re sedenta:re senta: sta:re sta: leva:re leva: altia:re altja: torna:re torna: gyra:re dʒira: dʒira: da: appekto:re frika:re frikta:re lawa:re lava: eksu:ka:re suja: limpida:re tira:re tira: pulsa:re pulsa: jakta:re lankeare lanʃa: e:runka:re liga:re lea: apta:re komputare konta: e:numera:re kanta:re canta: joka:re dʒuja: flu:kta:re fluita:re ko:la:re gela:re glakia:re glaʃa: inglakia:re aụgmenta:re infla:re enfla: konfla:re zglonʃa: bruza: krema:re flamma:re flagra:re ustula:re la:tus de:lika:tus ma:l affila:to u'ʃa:t zmussa:to sua:wẽ baɲpa:to ba'pa:t lonta:no illa:k		
ej	0065, 006A	59
pejʃi cavej̃ ɔkej̃ seju pejtu sejfu areje fejɾak zejtar zejtar kejmak̩e istrejtu trej		

Appendix 3 - Words containing each segment

e:	0065, 02D0	34
fe:mina be:stia se:men pe:l ste:lla pje:tra pje:re hare:na nu:be:s tene:braj tene:bra:s ne:f die:s morde:re ri:de:re wide:re ve:de:re save: pe:nsa:re ole:re time:re se:para:re jake:re dʒaʃe:re sede:re torkʷe:re tene:re e:runka:re e:numera:re intume:skere kre:skere arde:re omne:s de:lika:tus du:ʒe: fre:t ple:nus di:re:ktus korre:ktum di:re:ktus tre:s 'tre:		
ɛ	0065, 032F	101
ɫəɣwum		
i:	0069, 02D0	20
ei: muir muir maritus marit radi:kem radi:ke radi:ʃe radi:ki:na wi:wenda pi: pi:t fi:ka:tum ri:wus ri:pa:ria rivi:ʒ pi:ʒ ka:li:ginem si:ʒ ʃi:l nif kammi:num mapi: sysi: spi:ra:re ri:de:re ri:de:re xi:ʒ ve'ji: aʊdi:re udi:re ɔ'ji: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:de:re ʃesi: te:ʒi: di:widere parti:re parti: ne:ʒi: ma:ʃʃi: weni:re vi:ni: ho:si: strengi: pu:si: lanci: lɔ:ʒi: di:kere di:ʒ di: skori: subti:lem suti:l fri:gidus vi: mo:si: di:re:ktus mu'ji: viʃi:no di:re:ktus kʷi:nkʷe ekkumhi:k ibi: ki: sik si: ki:		
ĩ	006A, 0303	97
mũjtu mũjtu		
k^j	006B, 02B2	81
okʲ dʒenunkʲ		
kʷ	006B, 02B7	87
akʷa torkʷe:re propiŋkʷum kʷattwor kʷi:nkʷe kʷis kʷem kʷid kʷando: kʷo:modo kʷod		
k:	006B, 02D0	99
vek:jo		
ṇ	006E, 032A	91
səṇti		
oj	006F, 006A	17
noj voj nojti nojti froj rojb dojs dojf doj doj		
o:	006F, 02D0	2
ego: no:s noi no: wo:s voi vo: lo:ro homo: spo:s o:b flo:rem fjo:re flo:r o:wum o:rikla so:lem so:vjō no:men no:me no:minem wo:mo wo:mo vo:mi kogno:skere ko:gita:re odo:rare ko:nsuere ekspo:nere ko:la:re to:tus po:k majjo:rem mo:si: go:ʃ duo:s kʷando: kʷo:modo no:n		
u:	0075, 02D0	30
tu: lu:i u:he: fru:ktus fu:nem u: u:f kornu: plu:ma u:ʒ ku:ʒ ku:r lu:na plu:ʒ flu:men nu:be:s nu:bilus nu:l fu:ma:ta gelu: fu:mus fu:k dʒu: dʒu: su:gere tu:ta:ri tu:rne eksu:kare pu:si: lu:de:re flu:ktua:re bɹu:le ku:ʒ minu:tus minu:t du:ʒe: su:ti pu:f pu:ʔi aku:tum u:midum u:num ʃfemu:t		
ṹ	0075, 032F	100
kɹa'hā		
õ:	00F5, 02D0	76
sõ:g		

Appendix 3 - Words containing each segment

Ø:	00F8, 02D0	72
flø:ʁ gø:j fø:t stø:l fø: bø:ʁ savø:r kø:z stø: drø: drø:t nø:ʁ dø: trø:		
ŋ^w	014B, 02B7	102
'ŋaŋ ^w p		
œ	0153, 0303	98
okoœ œ		
ej	0250, 006A	60
pejfi orejʎe seju pejtu sejfu ereje fejrar kejmære iftrejtu feju feju direjte direjte virmejʎu		
ẽ	0250, 0303	47
ifẽfi ifẽti grẽme sẽgi sẽgi pẽse pẽse itrẽne môtẽne mẽzak mẽzar ẽdak ẽdar lẽsa lẽsar kẽtar kẽtar tẽtu tẽtu grẽđgi grẽdi ẽfu ẽfu kwẽdu kwẽdu		
ɑ:	0251, 02D0	96
ça:vle		
ã	0251, 0303	45
ãfã efã seʁpã sãmãs vjãd sã dã zãb vãtʁ pãs ãtʁaj vã sãdʁ ã ã lãg mãze ãtãdʁ pãse sãtiʁ fãdʁ etãdʁ lãse fãte fãte ogmãte ãfle flãbe ẽsãdʁje gʁã gʁã ãpl tʁãfã kã kãmã dã		
ɔ:	0254, 02D0	73
fɔ: kɔ:ç ɔ:m pɔ:rti hɔ:si bɔ:ɔ:no mɔ:		
õ	0254, 0303	44
õ mõ nõ kõspye lõ dõ nõ nõ		
ej	025B, 006A	86
sɔlej fʁeje vɛʁmej		
ɛ:	025B, 02D0	57
pe:r u:he: pje:de ɛ:w tɛ:ʁ tɛ:nebre tɛ:nebre fʃe:r pje:no kwe:		
ẽ	025B, 0303	62
fjẽ vêt fãmẽ pẽse sêti sêde fêt pwẽdʁ epwẽdʁ etwẽdʁ ẽsãdʁje plẽ kãmẽ		
g^w	0261, 02B7	74
sang ^w inem ling ^w a		
ij	0268, 006A	66
kijne		
iw	0268, 0077	70
griw		

Appendix 3 - Words containing each segment

ē: 1EBD, 02D0
sē:d

88

a 0061

28

sə.la akilu fe:mina fam embra femmina fembra domina dam dopa dōna infantem infante fante sponsa esposa spōza ispoza maritus maki mariðo marito maridu marit mari:t maðre marə mari patre paðre parə pari tata tata tata tata tatə animalia omaj alimaņa nōmaje be:stia biffa pwasō awem abe avi avi aw awikellum wazo passerem paxaro passero paseru paseru pasere kanem kan kane ka can sarpint farpe arborem aɣbɣ arɣol albero aɣvori arvuri abrə arbul arbore silwa selba selva səwva selba pal palo palo paw paw pal par grano grano gra gran folia oxa fəʎʎa frondea frondza raiθ kais ɣadi radi:fe ra:di:ki:na ɣasin kortikea korteθa kortetfja skortea skortsa skwas skwartse herba jerba erba jarbe jarbə ɣɣamen grama gram rista resta kwan kotenna pja karnem karne karne kaɣni karni karn karne wi:wenda bibjenda vivanda vivēda sangw'inem sangre sangwe saŋ saŋk adepem adipe grasa grafe grafe kaɣda kola koda kawde kawde kua plu:ma pluma pjuma penna peņa penna panə pwal kapillus kabejo kapello kabelu ʃivja cavej kapitia kaβeθa kavettsa kabese kap kap testa testa o:rikla orexa orekkja naso nas nas nariθ nariʃe naris bukka boka bokka gula gola ungula uņa ungja gamba gamba gamba kambə ʃambe gambə perna pjerna gambə manum mano maŋ a:la ala ala a a alə ale pantikem panθa pantfja paŋfə pantse intera:nea ātɣaj entraņa əntrəŋə spatula espalda spalla iʃpadwe iʃpadwe əspaʎʎə spal spale spate san anima alma alma awmɣe almɣe anime iyaðo fegato fikat lu:na luna luna ste:lla etwal estreja stella akw'a aywa akkwa agwe agwe age apə pluwia jubja pjoddʒa ri:pa:ria lakum lak lago lago lagu layu ʎak lak lak mare mar mare mak mar mar mare sal sale saw sal sal sare saksum sasso petra pjeðra pje:tra pjatrə lapidem laude lapide hare:nə arena areje arinə sabulum sabl savalɔn sabula sabbja polvar terra tjera terra tsarə nuvola nubladu nubladu kalina kalidɣine kalizəj nebula njebla nebbja tinjeblas fu:ma:ta fumata fumata fumase fumase fumate kajkia glas gjattfja glas glaʃe θeniθa wia vwa bia via stra:ta estrada strada istrade iʃtraðe kammi:num kamino kammino kamipu monta:nea mōtaŋ montajna montajna muntajə mōtaŋ mōntajne dia zɣəna zɣəna diurna:ta xornada ɣɔrnata ɣɔrnade annum apo anno aŋ aŋ an bərbat lingw'a leŋgwa lingwa manduka:re mandukar mandɣare mēzəɣ mēzəɣ məŋza maŋi: maŋja: minka mwardi moskar morsikare musəga musəgar musəya murseka sugaɣ sugar skuja eputar sputare bomitar vomitare vumitaɣ vumitar bumita avomita soplar soffjare sopraɣ suprar respirar respirare ɣəspiraɣ ɣiʃpiraɣ rəspira arespira aride vwaɣ avedɣa awzi sapere savwaɣ saber sapere sabɣə savəɣ save: kwidar koɣitare kuzitaɣ kuzitar kujda kuɣeta pensar pensare pəsəɣ pəsəɣ pənsa pəsa ulura odorare fragrare ʃejraɣ ʃejrar fləjra tremare dwaɣmi via nəga neka anegar annegare makta:re mate matar mataɣ metar məta maʃja: puɣar puɣnare puja battuere batɣ batir battere bateɣ batrə bate bati bate kapti:re ʃase kaθar katfjare kasəɣ kəsar kəsə caʃja: puxar pulsare puʃaɣ puʃar pulsa segar segare segaɣ siyar səya kortar kōtaɣ kurtar skortare skurta taxar taʎʎa:re taʎaɣ tɣlar tɣla taja: taja parti:re paɣtiɣ partir partire paɣʃiɣ parti: se:para:re separar separare separaɣ siperaɣ səpəra separa: separa raer radere ɣaɣə rawrə rada: rade rasar rasare ɣazəɣ ɣəzar rəza rasa: raskar ɣaʃkaɣ ɣəʃkar rəska kosaɣ kusar kawa:re kabar kavare kəvaɣ kəvar kəba ʒava: ekskawa:re eskabar skavare iʃkəvaɣ iʃkəvar ʒava: nata:re nadar nwtare nadaɣ nəðar nəda nada: naviga:re naze nabegar navigare naviyaɣ nəviyar nəbəga naviga: naviga bolar volare voaɣ vwar bula zvolare zburə kaminar kamminare kəmiņaɣ kəmiņa r kəmina camina: maɣʃe ambita:re andar andare ēdaɣ ēdar jake:re jaθer ɣaʃʃe:re zawrə swaɣ sentar sētar sētar estar stare iʃtar iʃtar əsta sta jebar levare levaɣ livar ʎəba lua alti:re alθar altsare aʎsa aʎsar əʎsa alʃa: tornar tornare toɣnaɣ turnar turna turna xirar ɣzirare ʒirar ʒirar ʒira bira virare virar ʒirar bira kadere ʃwaɣ kaer kadere kawrə ʃjade tumbaɣ tōbaɣ tōbar tumba dare dar dare daɣ dar dar da donare donar donare doa duar duna segurar siguraɣ siyurar serar səra sərar səra serare θerar serrare siɣar siɣar appektora:re apretar epirtar epirtar fregar fregar frəga frea freka iʃfriɣar iʃfriyar frotar frettare frisar frəsə lawa:re lave laʃar lavare levar levar ʎəba 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 tradɣe jakta:re etfar ɣzettare zejtar zejtar xita lankea:re lanθar lanʃare ləsə ləsar ʎənsa lanci: lanʃja: arankar arronʃare aruŋka legar legare ʎiya lega apta:re atar etar etar kontar kontare kōtar kōtar kumta enumerar enumerare enumerar enumerar enumera numara kanta:re kantar kantare kētar kētar kənta canta: kinta xugar ɣɔkare zogəɣ zuɣar zuga zuka flugtwar fluttuare flutuəɣ flutuəɣ fluktua fluctua fluitare kolar kolare koaɣ kuar kuʎa elar ɣɣelare ʒilar ʒilar ʒəla ɣgale glaki:re glase gjattfjare gləsə glaʃja: inglaki:re ingetsa aɣmentar aɣmentare aɣgmentar aɣgmentar augmenta inʃar enfiare iʃar iʃar imfla umfla gonfjare kɣwatɣ bruʃare kɣame kemar kremare kəjmare kəjmaɣe krəma flamma:re flamear ʃjammare flama arde:re aɣdɣ arder ardere aɣdɣ arde flagra:re flagɣe flagrar flagrare flagɣaɣ flagrar inʃendjare isendɣar isēdjar ustolare ustura tantus tanto tanto tant tanc alguno alkuno awgū aɣgū alter altro altrə altri alt alius aw aʎ magnus maɣo maɣno grandem grande grande gran grant mare largus laɣz larɣo largo laɣgu largu ʎark lark larg lato lato latu latu lat amplus anʃo ampio amplə krassus graso grasso graʃu gras gras grawis grabe gravi gravi grav angustus angosto angusto etwə delyaðo delikatu dewgadu delyaðu dəlikat kalidus kaldo kaldo kawdu kaʎ calt kald fɣwa malus mal malo malo maw maw mal marʃo sal murdar dɣwa tarɔnt aku:tum ayuðo affilato efiaðu efiaðu əfilat kya'hā askutsit moxaðu baɣna:to muʎat ba'na:t θerka aprəape lon'taŋ departe dɣwat destra ʎagwum iθkjerða 'ʃaŋw p galbinus galben amarellus amarijo emarelu albus albo albo awvu alvu alb alb nwaɣ duas kʷattwor katɣ kwatro kwattro kwatru kwatru kwatrə kwat

Appendix 3 - Words containing each segment

kwatri patru aki aki aki la aja la la la ə́la la la ai ai kwa kʷando: kwando kwando kwan kwand kwant ad a a a
a a abhoc avek avu

b

0062

19

bos bus embra fembra ombre be:stia biffa bife bife bis abe berme arborem aɣbɛ albero abrə ɔ:b arbul arbore selba selba
herba ɛɣb jerba ɛrba erbə jarbe jarbə bibjenda webə kabejo kabelu kəbɛ́l kabesə bukka buf boka bokka bokə bokə bokə
bək bəcə bukə gamba zūb gamba gamba kambə jambe gambə gambə bjentre bentrə jubja sabulum sabl sabula sabbja
pulbere polbo nu:be:s nube nube nu:bilus nublo nubladu nublada nebla nebbja tene:braj tɛ:nebre tene:bras tenebɛ
tinjeblas tɛ:nebre tenebrəs bjento ben njebe bia biə nombre ombre bərbat ombre limbə bibere bwax beber bere beɣɛ
biɣer bɛwɛrə bə:ɣ bevi ɣɛa bomitar bumita ber bɛwɛrə saber sabɛɣ səber bibir biwɛrə battuere batɣ batir battere batɛɣ bɛter
batrə bate bati bate dibidir dibidi kabar kəba eskabar nabegar nəbəga bolar bula zbura ambita:re benir bəni jebar ʔəba
birar bira tōbe tumbar tōbax tōbar tumba ʔəba bɣyle brufjare bɣu:le bruza: flābe grabe brewis bɣɛf brebe breve brɛvi
brɛvi brew bɣɛf subti:lem subtsire bjexo bɛ́l bonus bō bweno bwɔ:no bō bō bɔn bō bɔn bun brut hebes baɣna:to ba'na:t
bermexo bərmɛ́l rubeus rubjo rəbbjo rubeo rubeo rojb berde galbinus galben albus albo albo alb alb ibi: ubi abhoc

c

0063

65

can ca:r cɔqadə cavej ca:f bəcə noctem cuca: ca:fja: camina: lanci: cɔase canta: fluctua molc tanc calt abhoc

d

0064

32

usted domina dam dopa dɔnna donɛ donɛ dɔnə dɔɛm dɔnɛ dɔamɔna maridu ma:dre pa:dre peduklus pidɔkkjo pedoli
pədukje frondea ra:di:kem ra:di:ke ɣadi radi:ʔɛ ra:di:ki:na rəɔɔʔinə kodiv wi:wenda vjūd bibjenda vivanda vivəda vivəɔ
adepem adipe kaɣda koda kawdɛ kawdɛ kɔɔɔ cɔadə dentem dā djente dente dɛʔi dɛti dɛ dint dinte pedem pje:de
dorsum do dɔsso dos dɔ dwes do espalda ifpadwɛ ifpadwɛ figɛdu pjodɔɣa pedrə lapidem laude lapide pudɣ nubladu
nubladu sādɣ sɛndrə sɛ:d estrada strada istradɛ die:s dia di diɛ diɛ diə di diurnum djurno diurna:ta xornada dɔornade
komedere manduka:re mandukar morde:re moɔɔɣ mɔrdere moɔɔɣ mwardi spuda: ri:de:re ri:dere 'ridi aride wide:re ʔede:re
'vjodi avedɛa aɣdi:re ɔtɔdɣ udi:re kɣide kwidar kujda odo:ra:re odorare kɣɛdɣ dormi:re dɔɣmiɣ dormir dormire dɔɣmiɣ
durmir durmi dwaxmi durmi: dormi okki:dere utʔidere utʔide di:widere dibidir dividere diviɔir dibidi dividi divide skindere
sɛde findere findere fādɣ ender fɛndere fɛdɣ fɛder fɛndrə pɣwɛdɣ ra:dere radere rada: rade fodere nadar nadaɣ nāda nada:
andar andare ɛdaɣ ɛdar ekstendere etādɣ ekstender estendere istɛdɣ istɛder əstendrə ekstinde sede:re sedere sedɛa
sedenta:re tɔdɣ kadere kadere ʔjade kəɔɔa dare dar dare dɣ dar dar da: da donare dɔne donar donare doa duar duna
dine ɛpɛdɣ etɛdɣ limpida:re kudɣ di:kere diɣ deθir dire dizer dizer di di:ɣ di: lu:dere ludir arde:re aɣdɣ arder ardere
aɣdɣ ɛrder arde inkendere ɛsādɛ enθender inʔɛndjare isɛdɣar ənsendrə inʔindɣe todo todɔ dut grandem grande grande
grɛdi gurdus gordo lurdus lerdo lardo lerdo menudo miudu de:lika:tus du:ze: dɛɣaɔo delikato dewgadu dɛɣaɔu
dɔlikat kalidus kaldo kawdu kaldɔ fri:gidus freddɔ putridum podri podri putred sordidus murdar di:re:ktus
dɣwa dritto drɛt drɔ: drɛt drept rotundus redondo ritondo ɣedɔdu ɣidɔdu rədo rətund ɛfiadu ɛfiadu neted u:midum
umidu ud 'dɔɣɣe departe dekstrum djestro dɛstro destrɔ dɛstru destrə di:re:ktus dɣwat derɛʔɔ dɛstra dirɛʔte dirɛʔte drɛt
drɔ:t 'drɛt drept wiridem berde verde verdi verde duo:s dɔ dos dojs dojɣ dos dɔ: doj doj duaj due dowə duas duɛs
duɛf kʷid unde onde onde ɔdi unde deunde dɔ donde kʷando: kwando kwando kwɛdu kwɛdu kwand kind kʷo:modo ad
deintus dā dins kʷod

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ego: ew ew jew ei: eʔos elis elif este kwesto ille ese kwello usted vose vɔse voste el eli eli embra femmina femeɣ
femjə fembra femeje mulierem muxer moʔʔe muʔɛɣ muʔɛr muʔe mujere dɔne hominem ombre infantem infante fante
nenɛj nenɛj nen epuz esposa mulier muxer moʔʔe muʔɛɣ muʔɛr muʔe mujere epu esposo ma:trem mɛɣ mādre ma:dre
mɛɣ patre pɛɣ paðre pa:dre nema:l nəmaje piskem peθ peffe pɛf peʔte awem abe awikellum useʔ passerem passero
pasəre kanem kane kijne peduklus pedoli pədukje serpentem sɛɣpā serpjente serpente sɛɣpɛʔi sɛɣpen ʔarpe wermem vɛɣ
berme verme vɛɣmi vermi vjerme arborem albero arbore selba selva sɛlve seme sementis simjente semente
semɛʔi səmen sementɛ fwee ʔɔaje frondea ra:di:kem ra:di:ke radi:ʔɛ kortikem kortiʔe kortikea korteθa kortetʔa skortea
ekɔɣ skwartse flo:rem ʔjo:re ʔloare herba jerba ɛɣvɛ erbə jarbe gra:men fu:nem fune funje restem ɣɛʔti kotenna pellem
pjel pelle peli pɛʔ pjele karnem karne karne karne wi:wenda bibjenda sangʷinem sangre sangwe sindɣ weso adepem
adipe gɛf webə kwerno penna peɣa penna penɛ penɛ pen pene pelo pelo pelu kabejo kapello kabelu kɛβelu kəβeθa
kavetʔa kabesə kəβesə testa testə teste orexa orekkja oreʔe orele ureke ne ne nariʔe gole dentem djente dente dinte
ungje pedem pje pje pje:de piez jambe perna pjerna petiolus peθiolo genikululum zueʔu ɣɛnoli ɣɛnunkʷ el el ale wentrem
bjentre bentrə vintre pantikem pantse pintɛʔe intera:nea entrəna kwejo dwes epol espalda spate seno seno sen pektus
peʔfo pjept kwɔre anime fegato fedɣə so:lem sole sɔare soreli lune etwal estreja stella istrelɛ iftreɣ stele age ploje ploaje

Appendix 3 - Words containing each segment

flu:men fjume k̥ivjek mare mare mek mare sa:lem sale se sare petra pjek pjeðra pedre peðrə pje:re lapidem laude lapide arena ærenə pulwerem polvere pulbere terra tək tjera təkə tjere nube nube ka:li:ginem kaliðgine nebula njebla nebbja newlə negurə tene:braj tenebre tene:bras tenəb̥ tinjeblas tenebre tanebrəs fyne fumate θjelo θjer wentum bjento ben niwem njebe neve new gelu: jelo d̥jer glaŋfe fwego kinerem θjenere θeniθa θenuθa estrada montem monte monte monta:nea montaje noctem noŋfe nōtte n̥oapte z̥uŋne d̥zornade no:men no:me nume no:minem nombre ombre ombre lengwa bibere beber bere bebək biβer bevi komedere komer kome kumer manduka:re m̥aŋze mand̥zare morde:re morðer m̥ordere m̥ordək murðer morsika:re morsikare murseka su:gere syse suðge konspuere k̥ospye eskupir sputere esputar sputare womere vomitare fla:re sufle soffjare spira:re k̥espike respirar respirare k̥espirar k̥espike respira: arespira ri:de:re reir ri:dere aride wide:re ber vede:re vək ver aved̥a ḁdi:re udi:re ski:re sapere saber sapere sabək seber kogno:skere konoθer konoffere k̥onesək kupiser kunqaste ko:gita:re kuðide koðgita:re kuðgeta pe:nsa:re p̥ase pensar pensare p̥ese pen̥sa: senti:re sentir sentire olere oler olire odorare fragra:re fl̥eke fragrare time:re temer temere temək timer temə temi teme tremere tremet tremare tremək trimer dormi:re dormire wi:were vivere vivek viver morire moxək muxer neka:re nwaje neka anegar annegare t̥je tuwe makta:re mate okki:dere ut̥fidere ut̥fide pugna:re puŋnare battuere battere batek b̥eter bate bate kaptia:re fase kat̥fare pulsa:re puse pulsare seka:re sje segar segare segək sea: kurta:re ekskurta:re ekuŋte skortare ta:lia:re t̥aje ta:lla:re di:widere dividere divide skindere s̥ede findere findere ender fendere f̥edək f̥eder parti:re partire se:para:re s̥əv̥ke separar separare separək separa: separa pungere punðgere punðge jugula:re zygyale jugula:re ra:dere raer radere bæək v̥eər rade v̥aze rasare fodere kawa:re kavare ç̥a:vle ekskawa:re eskab ar skavare nata:re nwotare naviga:re naŋe nabegar navigare wola:re vole volare f̥amine kamminare θjimine maŋfe mergere merðgere merðge ambita:re andare weni:re benir venire veni ekstendere et̥d̥k ekstender estendere ist̥edək ist̥ēder æstendrə ekstinde jake:re zezik jaθer d̥jaŋfe:re z̥ezək z̥ezer d̥gere jesi sede:re ser sedere s̥ək ser sed̥a sedenta:re sentar senta: sta:re estar stare leva:re l̥ave jebar levare levək l̥ave leva: altia:re ose altsare torna:re tuŋne tornare tu:rne gyra:re z̥ike d̥jirare vike virare vike tork̥e:re torðer tor̥fjere turser turser t̥oart̥fe kadere kaer kadere θ̥jade t̥obe tume dare dare donare done donare dine tene:re tener tenere t̥ək t̥er tsine segurar eksprimere ep̥ēd̥k ekspremir spr̥emere iŋspr̥amək iŋspr̥amer æspr̥emə esprimi skreme serrere serar seka serare seke θ̥erar serrare s̥ere appekto:re apretar stringere et̥ēd̥k estrepir strind̥gere stringe strind̥ge frika:re f̥eje fregar fregare f̥rea f̥reka frikta:re f̥rote frettare f̥rote lawa:re lave lavare lave tergere t̥erðgere ekstergere estarsir ŋterðge eksu:ka:re es̥iŋje enxugar suwe limpida:re tira:re tiŋe tirare tire pulsa:re puse pulsare trahere trarre traze tr̥ezer trad̥ge impingere impind̥gere impind̥ge jakt̥a:re z̥ote eŋfar d̥gettare d̥gete lankea:re l̥āse lan̥fare e:runka:re arron̥fare liga:re lie legar legare lea: lega apta:re konsuere koser kuŋfire kuzer kuzer q̥oase komputa:re k̥ote kontare k̥ote e:numera:re enumeke enumerar enumerare enumerar enumerar enumera di:kere deθir dire d̥izer d̥izer ziŋfe eksp̥o:nere sporre spune kanta:re ŋāte kantare θ̥āte lu:dere joka:re z̥we d̥jokare d̥zuwe flu:ktua:re flykt̥ge fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare k̥ole ekskurrere eskurir skorrere iŋk̥oək iŋkurer skurðge kurrere korer korrere koək k̥uək kurðge gela:re z̥ole elar d̥elare d̥zale glakia:re glase gjat̥tfjare inglakia:re ingetsa augmenta:re ogm̥ate aum̥entar aum̥entare augmentar augmentar augmenta infla:re āfle enfiare ēfle enfla: konfla:re g̥ofle gonfjare g̥ofle intume:skere entumeθer itumeser itumeser kre:ske:re kreθer kreŋfjere kresek kr̥iŋser kreŋa kreŋte b̥yale brut̥fare b̥au:le krem̥a:re k̥ame kemar kremare kejm̥are kejm̥are flamma:re fl̥ibe flamear f̥jammare arde:re arder ardere ḁd̥ək v̥der arde flagra:re flag̥ke flagrare inkendere ēs̥ād̥je enθender inŋfend̥jare isend̥j̥ar ænsendrə inŋfind̥ge ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espeso spesso espesu iŋpesu grabe gr̥eve grew grew lerdo lerdo lerdo pekeno pekenu pikenu brewis brebe breve brew b̥r̥ef et̥̥wa estreŋfo stretto menudo d̥elyaðo delikato dewgadu subti:lem sottile subsire freddo reketem reθjente reŋfente k̥es̥ēŋfi k̥es̥ēŋfi retsint reŋfe l̥eno nweθo wetum bjexo ve:lu ve:lu 'vjeri vek̥ b̥weno putred drept redondo w̥ed̥odu hebes emuse segu seyu neted muje seko sekko seku seku sek korretto p̥re θ̥erka p̥ektu pertu apr̥oape lexis departe dekstrum d̥jestro destr̥a d̥ereŋfo drept iθk̥jerð̥a iŋk̥erð̥e iŋk̥erð̥e vermikulus bermexo verm̥i:λλo v̥er̥me:lu rubeus rubeo rubeo ruðge wiridem v̥ək berde verde verdi verde galben amarellus krokeus kroŋeo neyro negro negru negri negru pr̥jeto pretu due tres tre tres tref k̥̥:ink̥e θ̥j̥̥nk̥we ekkumhi:k k̥̥em k̥jen θ̥fine ke ke t̥je t̥je ove unde onde onde unde deunde donde kome θ̥f̥emu:t nek ne en deintus avek et e e e e se se ke ke ke

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fe:mina fam femmina fem̥v femj̥e fembra f̥em femine femeje infantem āf̥ā infante fante if̥ēŋfi if̥ēti ef̥ā fru:ktus f̥uqi fruto frutto frut̥e frut̥e frujt f̥ry frut frukt folia f̥eŋ f̥o:lla fo:l̥e fo:l̥e fu:l̥a f̥oj fw̥ee f̥oaje frondea frond̥za fr̥os̥e fr̥os̥e frunz̥a flo:rem fl̥oək flor f̥jo:re flox flor fl̥o fl̥o:ŋ flor̥ fl̥oare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato fig̥edu fiy̥eðu fed̥z̥a f̥ō:t f̥ija:t fik̥at flu:men fjume flumi flumi flum fu:ma:ta fyne fumata fuma:ta fumas̥ fumas̥ fumate ni:f ne:f fu:mus fumo fumu fumu fum fum f̥okum f̥o fwego fw̥oko fogu foyu f̥ok f̥o: fu:k fok fla:re sufle soffjare fra:gra:re fl̥eke fragrare fl̥ajra findere f̥ād̥k fendere f̥ed̥ək f̥eder fend̥r̥a f̥ēt fodere fw̥iŋ frika:re f̥eje fregar fregare fr̥aga froj f̥rea f̥reka iŋfrigar iŋfriy̥ar frikta:re f̥rote frotar frettare f̥rote frisar fr̥asa flu:ktua:re flykt̥ge flugtwar fluttuare flutuak flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire fl̥wiŋ fl̥wir flui infla:re āfle enfiare imfla ēfle enfla: umfla konfla:re g̥ofle gonfjare g̥ofle zglon̥fa: flamma:re fl̥ibe flamear f̥jammare fl̥ama flagra:re flag̥ke flagrar flagrare flag̥v̥ak flagrar g̥iŋjef b̥r̥ef b̥r̥ef fri:gidus f̥̥wa frio freddo friu friu fr̥et fr̥we fr̥et puf 'f̥rajt affila:to v̥fiadu v̥fiadu v̥filat sinfilo

Appendix 3 - Words containing each segment

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hik hominem homo: pehō u:he: herba hare:na kinoh hō:si: trahere kua'hā hebes ekkumhi:k abhoc

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io noi: voi: elis hik s̄a:si isu iftu ille akilu ekilu is lui: eli fe:mina femmina femine mulierem domina hominem infantem infante ifēfi nipo nino ispoza mulier maxi mariðo marito maridu meriðu marit m̄arit ispozu sokius mari pari animalia alimaja be:stia biffa bife bife bis piskem pejfi avi awikellum pidakkjo pioļu pioļu pedoli sekpēfi sarpint v̄exmi āxvori silwa f̄uqi sementis simjente semēfi simēs grin folia raiθ wais w̄eif w̄adi w̄asin r̄ad̄af̄ina kortikem kortiŋe k̄w̄f̄isi k̄ortisi kortikea k̄w̄f̄ise kurtise rista w̄ef̄fi kod̄z̄ie kod̄ie peli k̄āni bibjenda vivanda vivēda vivēde sanḡin̄em s̄ēgi adipe pilus kapillus f̄ivja kapitia o:rikla voli nariθ nariŋe naris n̄eris d̄ēfi dint d̄inte piez petiolus peθiolo pitf̄olo pitf̄or genikulum inoxo d̄in̄akkjo d̄in̄o d̄enoli vintri vintre pantikem intera:nea ispadw̄e ispadw̄e sinus si pi pit anima anime inim̄a iyaðo figedu fiyeðu fijat fik̄at solikulus soreli istrel̄e pluwia pl̄qi flumi rio rio w̄iw w̄iu riw ri:pa:ria w̄ivj̄ek rivi:w̄ lapidem lapide arin̄a nu:bilus ka:liginem kalina kalid̄ine kaliz̄ēj̄ k̄el̄iz̄ēj̄ tinj̄eblas kajkia 'vint niwem n̄evi kinerem θeniθa f̄in̄ize wia bia via vīe vīe bīa istrade iftraðe kamino kammino kem̄ipu k̄ami m̄ōfi n̄qi nit die:s dia di dīe dīe dīa di zi diurnum diurna:ta nomi no:minem linḡa lingwa limb̄a bibere bevi m̄wardi morsika:re morsikare kuspīk kuspir eskupir̄ askupi vom̄is bomitar vomitare vumit̄a vumitar bumita vo:'mi gomita: avomita w̄espīke respirar respirare w̄espirar w̄ispirar r̄espira w̄espīke respira: arespira w̄is reir̄ w̄is w̄ir riw̄r̄ 'ridi wide:re 'vjodi oir o(w)w̄is ovir̄ s̄āti sin'ti awzi f̄ti kinoh koposi ko:gita:re k̄uide kwidar kod̄itare kuzit̄a kuzitar s̄at̄is sentir̄ sentire s̄ēf̄is̄ s̄etir̄ s̄anti s̄ēti sinti: sim̄f̄si olire time:re temi trima: d̄w̄mik dormir̄ dormire d̄w̄mik durmir̄ durmi dwāmi dormi viv̄a bibir̄ vivere vivēa viver̄ biw̄r̄a vivi via muw̄is morir̄ morire muri m̄ari muri tu:ta:ri ̄aks̄is ut̄f̄idere uksi ut̄f̄ide batir̄ bati kaptia:re ta:lia:re di:wider̄e dibidir̄ dividere d̄̄iv̄id̄z̄is̄ div̄id̄ir̄ dibidi dividi divide skindere findere findere part̄is̄ partir̄ partire pāw̄f̄is̄ p̄artir̄ p̄arti p̄o:rti p̄ūz̄is̄ p̄ūz̄ir̄ puji f̄w̄is̄ if̄kevās̄ if̄kevar̄ naviga:re navigare naviga: naviga f̄amine kaminar kamminare kem̄ipāk kem̄ipar̄ k̄amina f̄imine camina: ambita:re w̄an̄is̄ benir̄ venire w̄is̄ vir̄ b̄ani vini w̄ini: veni istēdēs̄ if̄tēder̄ ekstinde zez̄is̄ jesi alia:re z̄ike xirar d̄̄ir̄are z̄irar̄ z̄irar̄ z̄ira d̄̄ira: w̄ise birar̄ virare virar̄ z̄irar̄ bira w̄ise d̄̄ira: k̄eir̄ k̄eir̄ dine t̄an̄is̄ t̄ani t̄ini t̄in̄ji t̄sine eksprimere ekspremir̄ if̄pr̄amēs̄ if̄pr̄amer̄ es̄primi stringere estrej̄ir̄ strind̄gere āf̄tr̄iz̄ir̄ āf̄tr̄iz̄ir̄ stringe frika:re frika:re frisar estarsir̄ āstar̄zi es̄q̄ije limpida:re limpjar̄ tira:re t̄ise tirar̄ tirare f̄ira tirar̄ tira tire tira: impingere impind̄gere impind̄ge xita liga:re lie liya kuf̄ire kuzi kuzi d̄is̄ deθir̄ dire d̄izer̄ d̄izer̄ di z̄iŋe ludir̄ fluita:re fluitare fluir̄ fluire flw̄is̄ flwir̄ flui eskurir̄ if̄kōek̄ if̄kurer̄ kuw̄is̄ kori glakia:re inglakia:re infla:re int̄far̄ enfiare im̄fla intume:skere inkendere inŋend̄jare inŋind̄ze op̄ni altri alius gr̄ēd̄zi spissus if̄pesu grawis̄ ḡw̄ij̄ef̄ gravi gr̄evi pittitus p̄ati p̄atit̄ piti 'pittinus pitf̄ino putsin pitulus pikkolo pitul brewis̄ br̄evi striktus istrejt̄u minu:tus minuto miudu miuðu minu minut̄ de:lika:tus delikato d̄elik̄at̄ sutil sottile suŋiw̄ suŋiw̄ suptil su:ti subtsire kalidus fri:gidus frio friu friu w̄esēfi w̄esēfi retsint plin 'vjeri putridum puri poðriðo puðrit̄ pu:'wi sordidus dritto ritondo affila:to efiadu efiadu āfilat̄ askutsit̄ sinfilo lis liso liffo lizu lizu lis lis slis u:midum umidu umiðu sikkus prop̄in̄k̄um̄ w̄if̄i: no l̄ōzi direjt̄e direjt̄e iθk̄jerð̄a sinistro vermikulus vermiλλo wiridem galbinus amarijo nigrum neri kwatri θinko f̄in̄k̄we sin̄k̄ 'f̄in̄k̄ f̄in̄f̄ isi aki kwi aki eki aki illa:k̄ ibi: vi ai ai ei k̄'is̄ ki ki ki kwi f̄ine k̄'id̄ ki ubi ðd̄zi ni ni ni in in deintus dins i i i i si si si si si si si si si si ki

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jo jew n̄ajs w̄ajs femj̄e femeje mujere mujere omaj̄ n̄amaje uf̄jel f̄j̄ē p̄joxo pidakkjo p̄ju p̄aduk̄je serpjente sj̄ekp̄ē v̄jer̄ v̄jer̄ v̄jerme frujt̄ simjente f̄oj̄ f̄oj̄ f̄oj̄aje f̄jo:re j̄ep̄ jarbe jarb̄a funje p̄jel̄ p̄ja p̄jel̄ p̄jele v̄j̄ād̄ bibjenda p̄juma f̄ivja orekkja œj̄ œkkjo u:j̄ ḡoj̄ djente ungja ungje p̄je p̄je p̄je:de p̄jerna pitf̄or̄ d̄̄in̄akkjo bjentre āt̄x̄aj̄ p̄jept̄ fijat̄ jubja p̄jod̄d̄a ploje pl̄oj̄aje f̄jume w̄ivj̄ek̄ p̄j̄ek̄ p̄j̄ed̄ra p̄je:tra p̄je:re p̄jatr̄a so:v̄j̄ō sabbja tjera tjere njolȳ n̄j̄ebla nebbja tinj̄eblas sj̄el̄ θjelo bjento n̄jebe gjat̄f̄a d̄jurno skujpa soffjare v̄ē'ji: 'vjodi ō'ji: kujda fl̄aj̄ra s̄je t̄aj̄e t̄ej̄i: t̄aja: t̄aja jugula:re jugula:re jake:re jesi f̄j̄jade tin̄ji es̄q̄ije suja: limpjar̄ jakta:re l̄oji: j̄oka:re d̄̄uja: gjat̄f̄jare gonfjare f̄j̄ammare ēs̄ād̄je inŋend̄jare is̄ēd̄jar̄ majjo:rem ampjo ḡw̄ij̄ef̄ reθjente p̄je:no v̄j̄ō bjexo vek̄:jo 'vjeri suθjo muje mu'ji: djestro iθk̄jerð̄a rubjo r̄obbjo pr̄jeto k̄jen juo

k 006B

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hik kwesto kwello akilu ekilu sokius piskem awikellum kanem kan kane k̄w̄ k̄w̄ ka kijne peduklus pidakkjo p̄aduk̄je fru:ktus frukt̄ ra:di:kem̄ ra:di:ke ra:di:ki:na kortikem kortiŋe k̄w̄f̄isi k̄ortisi kortikea korteθa kortet̄f̄a k̄w̄f̄ise kurtise skortea ek̄ōks̄ sk̄ort̄sa āsk̄ōrs̄a skwas skwart̄e sk̄ōarts̄a kwan kotenna kod̄z̄ie kod̄ie konn̄a karnem karne karne k̄āni karni karn karne san̄k̄ kr̄ō:ç̄ kornu: k̄ō̄n̄ kwerno k̄orno k̄ō̄nu kornu k̄orn̄ kwen kwa:r̄ korn̄ kāyda k̄ō̄ kola koda kawde kawde kua k̄ō̄w̄ k̄ō̄de kapillus kab̄ejo kapello kabelu k̄ē̄belu k̄ā̄ē̄l̄ kapitia k̄ā̄ē̄θa kavettsa kab̄es̄e k̄ē̄s̄ēs̄e kap kap o:rikla orekkja ureke okulus œkkjo bukka boka bokka boke boke bok̄a bok̄ buk̄a kamb̄a pek̄ol̄ genikulum d̄̄in̄akkjo pantikem kollum ku kwejo kollo k̄olu k̄olu k̄ō̄l̄ kwel̄ pektus kor̄ k̄ō̄k̄ k̄w̄ō̄re k̄ō̄ kor̄ k̄ō̄r̄ ku:w̄ ku:r̄ fi:ka:tum fik̄at̄ solikulus akkwa lakum lak lak saksum ka:liginem kalina kalid̄ine kaliz̄ēj̄ k̄el̄iz̄ēj̄ kajkia kajlum fokum fw̄ō̄ko f̄ō̄k̄ fu:k̄ fok̄ kinerem

Appendix 3 - Words containing each segment

kammi: num kamino kammino kamĩpu kēmĩpu kēmi komedere komer kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka konspuere kōspyē kuspĩx kuspĩr eskupĩr āskupi skuĩpa skĩre kogno:skere kōnetx konoθer konoffere kōnesēx kupĩser kunēfō kinōh kōpōsi kunōafte ko:gita:re kũide kwidar kodĩtare kuzĩtarx kuzĩtarx kujda kudĩeta kũēdēx neka:re neka makta:re okki:dere ōksĩx uksi kaptia:re kaθar kattfare kasax kēsax kēsa seka:re kurtā:re kortar kōtāx kurtar ekskurta:re ekurte skortare skurta: skurta skindere raskar xaxkax xējkax rēska kosaĩ kusar kawa:re kabar kavare kēvax kēvar kēba ekskawa:re eskabar skavare ifkēvax ifkēvar kaminar kamminare kēmĩpax kēmĩnar kēmina ekstendere ekstender ekstinde jake:re kadere kaer kadere kēir kēir kawrā kadēa eksprimere ekspremir skreme appektora:re frika:re freka frikta:re ekstergere eksu:ka:re uska jakta:re lankea:re ē:runka:re arankar arũnka ko:nsuere kudēx koser kutfĩre kuzer kuzer kuzi kō:z kuzi komputa:re kōte kontar kontare kōtar kōtar kumta kōte konta: di:kere ekspo:nere kanta:re kantar kantare kētar kētar kōnta kinta jōka:re d̥jokare zuka fluktua:re flyktq̃e fluktua ko:la:re kule kolar kolare koax kuar kuła kale ekskurrere eskurir skorrere ifkōvēx ifkurer āskorā skori: skurd̥q̃e kurrere kuĩx korer korrere kōvēx kuer korā kori kur̥q̃e glakia:re inglakia:re konfla:re intume:skere kre:ske:re kxwatx kreθer kreffere kresew kriřser krefō krefte krema:re kxame kemar kremare kējmare kējmaēx krēma inkendere okōē alkuno paũkus poko pōko powku powku pōk po:k lunk lark lark krassus pekepo pekenu pikenu pikkolo kurtus kuw korto korto kuřtu kurtu kurt ku:w kurt striktus de:lika:tus delikato dalikat kalidus kaldo kaldo kawdu kaldu kał kald rektentem vekq̃ spōrko spōrk di:re:ktus aku:tum kua'hā askutsit sikkus sek seko sekko seku seku sek sek sek korre:ktum korretto θerka dekstrum di:re:ktus iθkjer̥d̥a ifker̥d̥e ifker̥d̥e āskerā vermikululskrokeus krofēo grōk katx kwatro kwattro kwatru kwatru kwatrā kwat kwatri sēk θinko řĩnkwē siku siku řĩnk sēk řĩnkwē ekkumhĩ:k aki kwi aki ēki aki aki illa:k ki ki ki ki: kwi kjen kēj kēj kwa ke ke ki ki ke kwē: kā kwando kwando kwēdu kwēdu kwan kwand kwant kind kōmā komo kome komu komu kōm kōmē kum nek kum kon kon kō kō ku avek sik kō ke ke ki ki kō ki: ke kō

l 006C **22**
lo:ro elis elif ille sō.la kwello akilu ēkilu el lui:eli eli mulierem mulier animalia alimaja nema:l awikellum uttfello uttfel peduklus pedoli arβol albero arbul silwa selba selva selba selve pa:lus pal palo palo pal pa:l folia ārel flo:rem floēx flor flox flor flō flōx flor: flqare pellem pjel pelle pēli pēli pjel pjele kola plu:ma plym pluma plomā plōm plume pilus pwal pelo pelo pelu pīlu pēl pē:l kapillus kapello kabelu kēβelu o:rikla orele okulus voli gula gōel gola gola golā gōle ungula ōgl ōngule petiolus peθiolo pitfōlo pēkol genikulum d̥genoli a:lā el ala ala alā el ale kollum kollo kōlu kōlu kwel spatula epol espalda spalla spal spale alma alma almē sō:lem sol sole sōl sōl solikulus sōlēj soreli lu:na lyn luna luna luē luē lōn lune lunā ste:lā etwal stella istrelē iftrele āstel stō:l stele pluwia plūi plužā plu:x ploje plōaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak lat lak sa:lem sel sal sale sal sal sa:l lapidem laude lapide sabulum sabl savaln sabula pulverem polvere polvar pulbere pulwus polbo pols nu:bilus nublo nuvola nublado nublado nu:l ka:li:ginem kalina kalid̥gine kalizēj nebula njōly njebla newlā tinjeblas kajlum řjel θjelo řjelo řjel gelu: řel jelo d̥elo glas glas gles glatfē ling*a lōg lengwa lingwa ligwē ligwē lēu 'lengē limbā sufle soplar ole:re oler olire ulura flēre flajra pulsa:re pulsare pulsa: pulsa ta:līare jugula:re zygye jugula:re q̃vle wola:re vole bolar volare bula vōle zvolare zvola: leva:re lōve levare levax livar lōve leva: lua altīare alθar alsare ālsa altfa: lawa:re lave laβar lavare levar levar lave lava: la limpida:re limpar lipar lipar pulsa:re pulsare pulsa: pulsa lankea:re lāse lanθar lanřare lēsa lēsar lanci: lanřa: ligā:re lie legar legare lōji: lea: lega lu:dere ludir flu:ktua:re flyktq̃e flugtwar fluttuare flutuax flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwĩx flwir flui ko:la:re kule kolar kolare kōle gela:re zōle elar d̥elare řilar řilar zōla d̥ale glakia:re glase glēsa glatfā: inglakia:re infla:re āfle imfla ēfle enfla: umfla konfla:re gōfle gōfle zgloņfa: b̥yle b̥u:le flamma:re flābe flamear flagra:re flagre flagrar flagrare flagxax flagrar ustula:re ustolare multus molto mol molc mult alguno alkuno ālgu alter altro altrā altri alt alius longus lō longo lungo lōgu lōgu lō lunk lung largus laxz laryo largo laxgu largu lark larg la:tus le lato lato latu latu lat amplus āpl amplā lurdus lūx lerdo lordo lerdo lerdo pitulus pikkolo piřful de:lika:tus delyādo delikato dēlikat subti:lem sutil sottile suptil suti:l kalidus kaldo kaldo kaldu calt kald ple:nus plē plē plēn plin malus mal malo malo mal ma:l sal affila:to āfilat sinfilo lis liso liřfo lizu lizu lis slis lwē lexos lonta:no lōzi lōzi lō lon'taņ vermikululsgalbinus galben amarellus ēmarelu ēmērelu albus albo albo alvu alb alb illa:k la la la la la la

m 006D **35**
fe:mina fam embra femmina femev femjē fembra fōem femine femeje mulierem muxer moλλe mułex mułer mułe muir mujere domina dam dōem d̥qamnā hominem ōm ombre omēj ōmēj ōmā ōm ōm om homo: wōmo infantem mulier muxer moλλe mułex mułer mułe muir mujere mari:tus mari mariθo marito maridu mēriθu marit marit mērit ma:trem mēx madre ma:dre mēj mēj marā mer mari animalia omaj alimaja nema:l nōmaje piskem awem awikellum passerem kanem serpentem wermem berme verme vēxmi vermi vērm vjerme arborem se:men seme sementis sēmūs simjente semente semēři simēři sōmen simēs semenře sēmĩnřa grā:um grā:men radikem kortikem flo:rem grā:men gxamen grama grēmē grēmē gram fu:nen restem pellem karnem sang*inē ossum adēpem o:wum plu:ma plym pluma pjuma plomā plōm plume dentem pedem gamba gamba gamba kambā jambe gambā gambā genikulum manum mē mano ma:no mēw mēw mē māņ minā wentrem pantikem kollum dorsum anima ōm alma alma awmē almē ō:m anime inimā fi:ka:tum sō:lem flu:men

Appendix 3 - Words containing each segment

fjume flumi flumi flum lakum mare mek mar mare mak mar mar mek ma:r mare sa:lem saksum lapidem sabulum pulverem ka:li:ginem fu:ma:ta fyne fumata fuma:ta fumasə fumasə fumate kajlum wentum niwem fu:mus umo fumo fumu fumu fum fum fokum kinerem kammi:num fəme kamino kammino kamiju kemiju kami montem mō monte monte mōtʃi mōti mun mōnt munte monta:nea mōtaɹ montajə montajə mōtəjə mōtəjə muntajə mōtaɹ montajə noctem diurnum annum no:men no:me nomi nomi nōm nume no:minem nombre ombre wo:mo omēj omēj ɔmə ombre wo:mo omēj omēj limbə komedere komer kome kumer manduka:re mǎze mandukar mandzare mēzəx mēzar mǎɹza mǎɹi: mǎɹja: minka morde:re mōɹdɹ mōɹdɹ mōrdere mōɹdɹx mōɹdɹ mwardi morsika:re moskar morsikare musəga musəgar musəɣa murseka womere vomix bomitar vomitare vumitaɹ vumitar bumita vo:mi gomita: avomita simfisi time:re temer temere temex timer temə temi teme tremere tremar tremare tremex trimer trima: dormi:re dǎxmix dormir dormire dǎxmix durmir durmi dwaxmi durmi: dormi muxix morir morire mōɹx muxer muri mōri muri: muri makta:re mate matar mataɹ mǎtaɹ mǎta mǎfa: fəmine kaminar kamminare kemijəx kemijar kəmina fʃimine camina: mǎɹfe mǎ:ɹfʃi: mergere mǎɹdzere mǎɹdzə ambita:re tumbar tumba tume eksprimere ekspremir spremerə iʃpremerə iʃpremer əspremə esprimi skreme limpida:re limpjar impingere impindzere əmpɹə mǎɹpindzə komputa:re kumta e:numera:re enumeɹe enumerar enumerare enumerar enumerar enumera numara aʊgmenta:re oɡmǎte aʊmentar aʊmentare aʊgmentar aʊgmentar augmenta imfla umfla intume:skere entumeθer itumeser itumeser krema:re kɹame kemar kremare keɹmare keɹmaɹe kɹəma flamma:re flamear fʃammare fʃama omne:s multus mu muʃo molto mǔjtu mǔjtu mol molc mult magnus mǎɹno mǎɹno grandem majjo:rem mare amplus ampjo amplə strimt minu:tus mǎny menudo minuto miudu miudu mǎnut minu minu:t mǎrunt subtilem rekentem wetum malus mal malo malo maw maw mal mǎ: mal putridum mǎɹfo mǎ:si: murdar aku:tum emuse zmussa:to u:midum muje moxaðo umidu umidu muʃat muʃi: korre:ktum propiɹkʷum ʔoɹgum dektum ʔəɹwum vermikulul vǎmɹej bermexo vermiʌʌo vǎmɹɛʌ vǎmɹɛʌ bǎmɹɛʌ wiridem amarellus amarijo ɐmarelu ɐmǎɹelu nigrum u:num ekkumhi:k kʷem kʷo:modo kǎmǎ komo kome komu komu kǎm kǎmɛ fʃemut kum kum

n

006E

13

no:s nu nos noi nɔjs nɔʃ no no: noj fe:mina femmina fəmine domina dǎnna done done dǎnə done dǎmna hominem infantem infante fante niɹno nino nenēj nenēj nen sponsa sponsus animalia nema:l nǎmaje kanem kan kane can kiɹne serpentem serpjente serpente sǎɹpen sarpint se:men sementis simjente semente sǎmen semenfʃe sǎminfʃə gra:num gɹen grano grano grin gran frondea frondəa frunzə ra:di:ki:na ʌsin ɹɛsen rǎdǎʃinə gra:men gɹamen fu:nem fune funje kwan kotenna konnə karnem karne karne kǎni karni karn karne wi:wenda bibjenda vivanda sangʷinem sangwe sindzə kornu: kǎn kwerno kǎrno kǎnu kǎnu kǎn kwen korn penna pen penna penə penə pen pene panə na:sus ne naso na:so nas ne na:s nas nariθ nariʃe naris nǎɹiʃ na:ɹis dentem djente dente dint dinte ungula ungja ungje perna pjerna pǎrno pǎrne pǎrne pǎrnə genikulum zǎnu inoxo ʔinǎkkjo zǎnoʌ ʔinǎ ʔɛnoli ʔɛnunkʷ manum mano ma:mo minə wentrem bjentre bentɹə vintri vintre pantikem panθa panʃa pante pinteʃe intera:nea entrəɹə sinus seno sen san anima anime inimə lu:na lyn luna luna ʌunə lǎn lune lunə flu:men hare:nə arena ǎrenə arinə savaln nu:be:s ny nube nube nuvēj nuvēj nu:bilus nublo nuvola nublado nublado nuʃuʌ nu:l nor ka:li:ginem kalina kalidzine nebula nɔɹly njebla nebbja nevwɹ nevwɹ newlə negurə tene:braj tene:bre tene:bra:s teneɹ tinjeblas tene:bre tanebrəs wentum bjento vento ben 'vint vint niwem njebe neve nǎvi nǎvi new nif ne:f nǎa kinerem fʃenere sendɹə θeniθa fʃinize fʃenuʃə kammi:num kamino kammino montem monte monte mun mōnt munte monta:nea montajə montajə muntajə mōntajə noctem nɹi noʃe nǎtte nojti nojti nit nyt nǎapte diurnum djurno ʔorno zorn zǎnna zǎnna diurna:ta zǎne xornada ʔornata dǎrnade annum anno ɛnu ɛnu an no:men nō no:me nomi nomi nōm nō nǎɹ nume no:minem nombre lingʷa lingwa 'lengə manduka:re mandukar mandzare minka konspuere sin'ti kogno:skere kǎnɛtɹ konɔθer konɔʃere kuneʃə kinɔɹ kunǎʃte pe:nsa:re pensar pensare pǎnsa senti:re sentir sentire sǎnti sinti: neka:re nwaje nǎga neka anegar annegare pugna:re skindere fʃindere findere ender fendere fendɹə pungere punɹzere punɹzə nata:re nadar nwotare nadəx nǎɹar nǎda nada: naviga:re naze nabegar navigare naviɹəx nǎviɹar nǎbəga nǎɹzi: naviga: naviga fəmine kaminar kamminare kəmina fʃimine camina: andar andare weni:re vǎniɹ benir venire bǎni vini veni ekstendere ekstender estendere ǎstendɹə ekstinde sedenta:re sentar senta: torna:re tuɹne tornar tornare toɹnəx turnar turna tu:rne torna: turna donare dǎne donar donare duna dine tene:re tǎniɹ tener tenere tǎni tini tinji tsine stringere strindzere stringe strengi: strindzə enxugar impingere impindzere impindzə lankea:re lanθar lanʃare ʌnsa lanci: lanʃa: e:runka:re arankar arronʃare ko:nsuere kontar kontare konta: e:numera:re enumeɹe enumerar enumerare enumerar enumerar enumera numara ekspo:nere spune kanta:re kantar kantare kǎnta canta: kinta inglakia:re ingetsa aʊgmenta:re aʊmentar aʊmentare aʊgmentar aʊgmentar augmenta infla:re inʃar enfiare enfla: konfla:re gonʃare intume:skere entumeθer inkendere enθender inʃendjare isendzə ǎsendɹə inʃindzə omne:s tantus tanto tanto tant tanc alguno alkuno magnus grandem grande grande gran grant longus longo lungo lunk lung anʃo 'pittinus pittino pekenu pikenu putsin angustus angosto angusto minu:tus mǎny menudo minuto mǎnut minu minu:t mǎrunt rekentem reθjente reʃente retsint ple:nus ʌeno pjə:no plən plin nowus nuvo nweʃo nǎvo novu novu nǎw nǎve now bonus bweno bwɔ:no bǎn bǎn bun rotundus redondo ritondo tarɔnt rǎtund sinfilo neted viʃi:no lonta:no lon'tar sinistro galbinus zon ʔɛn galben nigrum nwəx neɹ

ro negro negru negru nǎɹə nǎx neri negru u:num uno uno un unu kʷi:nkʷe θinko fʃinʃ kjen fʃine unde onde onde on unde deunde donde kʷando: kwando kwando kwan kwand kwant kind no:n nǎ no non nǎw nǎw no nǎ no nu nek ni

Appendix 3 - Words containing each segment

ni ne nēj nēj ni nē in en in ən in deintus dins kon kon

O	006F	6
jo io jo nos no bos vof vos ełos lo:ro kwesto kwello vose voste mołłe domina dopa done done hominem ombre omēj om homo: wōmo nijo nino sponsa esposa ispoza ifpoze mołłe mariđo marito sponsus esposo spōzo ispozu ifpozu sokius sōfjo sots omaj wazo utfello paxaro passero pjoxo pidōkkjo piołu piołu poł pedoli arborem arbol albero aŗvori arbore palo palo fruto frutto grano grano folia oxa fołe fołe frondea frondza kortikem kortiŧe kortikea korteŗa kortetŧa korŧise skortea ekows flor floŗ flor kotenna kođŧie kodie konnā po ossum weso ůsso osu os webō wavo ovu ovu ow kornu: kwerno kārno kōŗnu kornu korn kola koda plomā pelo pelo kabejo kapello oŗej orexa orekkja orełe oŗejłe orele okulus oxo ōkkjo ołu ołu voli ok ^j naso na:so boka bokka bokē bokē bokā gola gola golā perno petiolus peŗiolo pittjolo pekol pitfjor inoxo đzinōkkjo zānoł đgenoli mano ma:no kollum kwejo kollo dorum do dōsso dos do epol seno seno peŧfo petto kor kor iyađo fegato sol sole solikulus soreli o pjodđja ploje rio rio lago lago sasso sorā polvere polbo pols nublo nuvola nor ŧjelo ŧjelo bjento vento jelo đzelo umo fumo fokum fwego fwōko fogu foyu fok kamino kammino montem monte monte monta:nea montajna montajna noctem noŧe djurno đorno zorn xornada đornata dzornade ajo anno nomi nomi nombre ombre wo:mo omēj omēj ombre wo:mo omēj omēj komedere komer kome morde:re moŗđŗ morđer moŗđer morsika:re moskar morsikare konspuere womere vomix bomitar vomitare gomita: avomita soplar soffjare sopraŗ 'vjodi oir ovir kogno:skere konōŗer konoffere kopeseŗ koposi kođŧitare ole:re oler olire odo:ra:re odorare dormi:re dormir dormire doŗmĩŗ dormi morir morire moŗēŗ okki:dere kortar koŗtaŗ skortare kosał fodere nwotare wola:re vole bolar volare voaŗ zvolare zvola: ose torna:re tornar tornare toŗnaŗ torna: tork ^w :re torŗer donare donar donare doa appektora:re fōte frotar fōte arronŧfare koser komputa:re kontar kontare konta: sporre joka:re đokare zogaŗ kolar kolare koaŗ skorrere iŧkoŗē aŗkorā skori: korer korrere koŗēŗ korā kori ogmāte konfla:re gonŧjare zgloŧfa: ustolare omne:s op̃pi todo tutto todū tođū tot tot muŧjo molto mol molc tanto tanto okōe alguno alkuno poko pōko powku powku oŗō otro altro owtru owtru maŗo maŗno longus longo lungo łoŧ larŗo largo lato antjo ampjo graso grasso espeso spesso gordo grossus gŗo grōsso grosu grosu lerdo lordo lerdo lerdo pekeŗo pittjino pikkolo korto korto angosto angusto estreŧjo stretto menudo minuto delyađo delikato sottile ŧo kaldo kaldo frio freddo łeno pje:no nowus nuvo nweŗo nōvo novu novu now bjexo vekjo bonus bwenō bwō:no malo malo pođriđo marŧjo podri podri sordidus suŗjo spōrko dritto rotundus redondo ritondo rādo ayuđo affila:to sinfilo zmus̃a:to liso liŧjo moxađo baŗna:to seko sekko korre:ktum korretto propinŗ ^w um viŧi:ni łongum lexoŗ lontano lon'taŗ djestro đestro dereŧjo goŧ sinistro roxo rosso roŗō roŗu ros roŗu bermexo vermiłło rubjo rōbbjo rubeo rubeo zon amarijo krokeus kroŧeo albo albo neŗjo negro prjeto uno uno dos dos dowā k ^w attwor kwatro kwattro ŧinko ove juo onde onde on donde kwando kwando k ^w o:modo komo kome komu komu no non no no kon kon abhoc k ^w od		

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sponsa epuz esposa spōza ispoza ifpoze āspōza sponsus epu esposo spōzo ispozu ifpozu āspōs spo:s patre peŗ padre pa:dre paj paj parā pēŗ pari piskem peŗ peŧŧe peŗŧi peŗŧi peŧ peŗ peŧte pwasō peŗō passerem paxaro passero pasēŗu pasēŗu pasēre peduklus pu pjoxo pidōkkjo piołu piołu poł pju pedoli pōdukje serpentem seŗpā seŗpjente serpente seŗpēŧi siŗpēti sēŗpen sjeŗpē sarpiŧ farpe pałus pal palo paw paw pal pał par jēŗ pellem po pjel pelle peli peli peł pja pjel pjele adeptem adipe plu:ma plym pluma pjuma plomā plōm plume penna pen peŗa penna penē penē peŗa pen pene panā pilus pwal pelo pelo pelu pilu pel peł pēŗ kapillus kapello kapitia kap kap pedem pje pje pje:de pe pe pēw pi: pi:t piez đŗa perna pjerna perno pēŗne pēŗne pēŗnā petiolus peŗiolo pittjolo pekol pitfjor pantikem pās panŗa panŧa pēŗe pēŗe paŗŧā pās pantse pintēŧe spatula epol espalda spalla ispadwē ispadwē āspałłā spal spale spate pektus pi peŧfo petto peŗtu peŗtu pit pēŗ pjept apā pluwia plūi pjodđja pluŗa plu:ŗ ploje plōaje ri:pa:ria petra pjeŗ pjeđra pje:tra pedre pēđre pēđra pi:ŗ pje:re pjatŗ lapidem lapide pulwerem pudŗ polvere pōlvar pulbere pulwus polbo pō pō pols nōapte konspuere kōspye kuspĩŗ kuspĩŗ eskupir āskupi skujpa sputere esputar sputare spuda: soplar sopraŗ suprar spi:ra:re ůspiŗē respirar respirare ůŧpirar ůŧpirar rēspiŗa ůspiŗē respira: arespira sapere sapere pe:nsa:re pāse pensar pensare pēsaŗ pēsar pēnsa pēse peŗsa: pēsa pugna:re puŗar puŗjare puŗa kaptia:re pulsa:re puse puxar pulsare puŗaŗ puŗar pulsa: pulsa parti:re paŗtiŗ partir partire paŗŧiŗ pertir pēŗti pō:ŗti parti: separa:re separar separare separaŗ siŗeŗar sēpēra separa: separa pungere pōwēŗ pūndŗere pūŗiz pūŗiz puŗi pūndŗe eksprimere epēŗđē ekspremir spremere isŗpŗeŗē isŗpŗeŗer āspŗeŗmā esprimi appektora:re apretar ēpiŗtar ēpiŗtar limpida:re limpjar lipar lipar pulsa:re puse puxar pulsare puŗar puŗar pu:si pulsa: pulsa impingere impinđere āmpēŗā impinđe apta:re komputa:re ekspo:nere sporre spune paŗkus pō poko pōko powku powku pōk pō po:k amplus āpl ampjo amplā spissus epe espeso spesso espesū ispesu āspēs spē pittitus pēti pētit piti 'pittinus pekeŗo pittjino pekenu pikenu putsin pitulus pikkolo piŧful suptil ple:nus plē pje:no plē plē plen plin putridum puri pođriđo podri podri pudrit pu:ŗi putred spōrko spōrk drept propinŗ ^w um pēŗ peŗtu pertu āpŗōp pēŗ āpŗōape departe drept 'ŧjaŗ ^w p prjeto pretu patru		

Appendix 3 - Words containing each segment

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lo:ro mulierem muir mujere mulier muir mujere maritus marito marit mærit mætrem mædre mari patre pædre pær pari passerem passero serpentem serpente sərpen sarpint wermem verme vjer vjerme arborem arbul arbore fruktus fructo frut frukt gra:num grano grin gran griw frondea frondza rædikem raiθ ærel rædi:ke radi:ſe rædi:ki:na rædæſinæ kortikem kortiſe kortikea kortetſa skortea skōrtsa æskōrsæ skwartse flo:rem flo:r herba erba erba jarbe gra:men restem rēsta karnem karne karn ca:r kornu: kōrno kōrn kwa:r korn o:rikla orekkja orele ureke nariſe nari:s perna perno pērnæ pitſjor wentrem vintri vintre intera:nea dorum kor kwōre kōr ku:r soreli ri:wus rio rio riw riw ri:pa:ria rivi:æ mare mare mar ma:r mare sare petra pje:tra pje:re hare:na arinæ soræ pulwerem polvere pōlvar pulbere terra tjeræ tjeræ tsaræ tsaræ nor neguræ tene:braj tēnebre tene:bra:s tēnebre dſer kinerem tſenere sēndræ stræ:ta strada diurnum dſorno diurna:ta dſornata dſornade bibere komedere manduka:re morde:re mōrdere mwardi morsika:re morsikare musəgar murseka su:gere konspuere sputere womere fla:re spi:ra:re respirar respirare rəspira respira: ri:de:re reir ri:dere riwæ 'ridi wide:re aſdi:re ski:re sapere sapere kogno:skere konoffere kō:gita:re kodſitare pēnsa:re sentire sentire ole:re 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 tut:ari makta:re okki:dere pugna:re puſpnare battuere battere kaptia:re katiſfare pulsa:re pulsare seka:re segare kurta:re ekskurta:re skortare skurta: skurta ta:lia:re ta:lla:re di:widere dividere skindere findere findere fēndere parti:re partire pærti parti: se:para:re separare separa: separa pungere punſgere jugula:re jugula:re rædere ræer radere rawæ rada: rade rasar rasare ræza rasa: raskar ræska fodere kawa:re kavare ekskawa:re skavare nata:re naviga:re navigare wola:re mergere mērdſere mērdſe ambita:re andare weni:re ekstendere estendere jake:re dſere sede:re sedere sedenta:re sta:re stare leva:re levare altia:re altsare torna:re tornare turna tu:rne torna: turna gya:re dſirare dſira: virare dſira: tork^w:ere tōrtſere turser turser tōrsæ tſarſe kadere kawæ dare dare dar donare donare tene:re eksprimere spremere iſpræmæ iſpræmer esprimi skreme serrere serar sœra serare ſerar serrare appektora:re stringere strindſere æſtriſir æſtriſir stringe strēngi: strindſe frika:re fregare froj frea freka frika:re frettare frisar lawa:re lavare tergere tērdſere ekstergere æstərgi ſterdſe eksu:ka:re aſſugare limpida:re tira:re tirare tire tira: pulsa:re pulsare trahere trarre traj traſe impingere impindſere jakta:re dſettare lankea:re lanſfare e:runka:re arankar arronſfare liga:re legare apta:re ko:nsuere kuſſere komputa:re kontare e:numera:re enumerare numara di:kere dire ekspo:nere sporre kanta:re kantare lu:dere joka:re dſokare flu:ktua:re fluttuare fluita:re fluitare fluere fluire ko:la:re kolare ekskurrere eskurir skorrere æskoræ skori: kurrere korer korrere koræ kori gela:re dſelare glakia:re gjattſfare inglakia:re aſgmenta:re aſmentare infla:re enfiare konfla:re gonſfare intume:skere kre:ske:re kreſſere bruſfare bruza: krema:re kremare kræma flamma:re fſjammare arde:re ardere flagra:re flagrare inkendere infēndſare ustula:re ustolare ustura alter altro altri grandem grande gran grant majjo:rem largus largo lark larg krassus grasso gras gras gurdus grossus grōsso grwæs gros grawis grēve grav grēvi lurdus lordo kurtus korto kurt brewis breve striktus stretto stret strimt mærunť subſſire fri:gidus freddo fre:t rekentem reſjente reſſente reſſint reſſe 'vjeri pu tridum puri marſjo 'frait sordidus spōrko spōrk di:re:ktus dritto drō: drēt drept rotundus redondo rēdo rō tarōnt rætund korre:ktum korretto propiſk^wum prē dekstrum dēstro di:re:ktus dēstra di:re:ktē drōt 'drēt sinistro æskeræ russus roxo rosso ros rōs vermikulus vermi:llō bærme:ł rubeus rubjo rōbbjo rubeo rubeo ruſe rōſf rojb wiridem verde vērt amarellus krokeus krotſeo nigrum negro neri tre:s tre tres trō: 'tre: trej k^wattwor kwattro kwatri patru

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no:s nos nojs wo:s bos vojs bus vos e:los elis sœ:si este kwesto isu sœ:la ese usted vose vōse voste is sponsa esposa spōza ispoza æspōzæ maritus sponsus esposo spōzo ispozu æspōs spo:s sokius sōſjo sōts be:stia bis piskem pēs pwasō use:ł passerem passero paseru paseru pasære peduklus serpentem sērpā serpjente serpente sērpēſi sirpēti sərpen sſjerpē sarpint silwa selba selva sēwva sēlvē selba sēlvē pa:lus fruktus se:men seme sementis sēmās simjente semente semēſi simēti sæmen simēs sementſe sæmintſa frōsē frōsē wais wasin wesen kōſſiſi kōrtisi kōſſiſe kurtisē skortea ekōws skōrtsa æskōrsæ skwas skwartse skſqartsæ restem rista resta sang^winem sã sangre sangwe sēgi sēgi saſ sō:g saſk sindſe ossum os weso osso osu osu os vwæs os gwæs grasa pilus kapillus kavettsa kabese kēſesē testa testa testē testā tſes teste tſe:stæ okulus na:sus naso na:so nas na:s naris na:ris petiolus pās pēsē pēsē pās dorsum dōsso dos dwæs spatula espalda spalla æpa:llæ spal spale spate sinus sē seno seno seju sēju si sen san pektus so:lem sol sole sōw sōł sōł sqare solikulus sōlej soreli ste:lla estreja stella istrele æstel stōł stele stēa ri:wus sa:lem sel sal sale saw sal sal se sa:l sare saksum sasso seſju seſju sabulum sabl saſbru saſbru soræ so:vjō savalōn sabula sabbja pulwus pols nu:be:s nu:bilus tene:bra:s tinjēblas tēnebræs fumasē fumasē sſjel sēw sēw sēl si:æ glas glas gles fu:mus sādſ sēndræ sē:d sēzēf sēzēf stræ:ta estrada strada istradē die:s morsika:re moskar morsikare musəga musəgar musəya murseka su:gere syse sugaſ sugar sysi: suſe konspuere kōspyē kuspix eskupir æskupi skuſpa sputere esputar sputare spuda: sufle soplar soffjare sopraſ suprar spi:ra:re wēspixē respirar respirare rəspira wēspixē respira: arespira sēnti sin'ti ski:re sapere savwæ saber sapere sabel sēber sæſe savō:r save: kogno:skere kopēsē kupiser koposi pēnsa:re pāse pensar pensare pēsæſ pēsar pēnsa pēsē penſa: pēsa senti:re sātix sentir sentire sēſſiſ sētir sēti sēti sinti: simſi ōksiz ōksi fase kasar kesar kōsa tſesi: pulsa:re puse pulsare pulsa: pulsa seka:re sje segar segare segaſ siyar səya sea: ekskurta:re skortare skurta: skurta skindere sēde se:para:re sōwē separar separare separaſ sipərar sēpəra separa: separa rasar rasare rasa: raskar ræska kosa: kusar ekskawa:re eskabar

Appendix 3 - Words containing each segment

skavare ekstendere ekstender estendere istēdēx æstendrā ekstinde jesi sede:re swæx ser sedere sēx ser sedenta:re sentar sētar sētar senta: sta:re estar stare æsta es sta: sta ose aīsa aīsar aīsa hō:si: turser turser tōrsā segurar sigurax siyurar eksprimere ekspremir sprēmere æspremā esprimi skreme serrere serar sēxā sārār sārā serare sēxē serrare sīxar sīxar sēxē stringere estrepiṛ strindgere æstreṇā stringe strēngi: strindḡe frisar frāsa ekstergere estarsir æstārzi eksu:ka:re esūḡje suwe suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa lāse lēsa lēsar lānsa ko:nsuere koser cōase ekspo:nere sporre spune ekskurrere eskurir skorrere æskorā skori: skurdḡe glase glāsa intume:skere itumeser itumeser kre:ske:re kresex kriḡser ēsādje isendḡar isēdḡar ænsendrā ustula:re ustolare ustura omne:s to:tus multus tantus paḡkus alius magnus longus largus la:tus amplus krassus graso grasso gras gras gras spissus espeso spesso espesu ifpesu æspēs spe gurdus grossus grosso grosu grosu grōs grwēs gros grawis lurdus pittitus 'pittinus pitulus kurtus brewis angustus angosto angusto ingust striktus estreḡo stretto istreḡtu æstret stxō: stret strimt minu:tus de:lika:tus subti:lem sutil sottile suḡḡw suḡḡw supḡil su:ti sutil subtsire kalidus fri:gidus rēsēḡi rēsēḡi pl e:nus nowus bonus malus sordidus sal suḡjo spōrko suzu suzu mo:si: spōrk di:re:ktus rotundus askutsit hebes emuse sinfilo zmus̄a:to segu seyu sua:wē lis liso līs lis slis sikkus sek seko sekko seku seku sek seḡ sek sek lexs dekstrum djestro destro destrū destrā di:re:ktus destra sinistro æskerā stiṅg russus rosso ros rōs vermikulus rubeus galbinus amarellus krokeus albus duo:s dos dojs dos duas dues tre:s tres tres trēs sēk siku siku siṅk sēk isi k'wis deintus dins sik si si si sī sī si si si si: si si se si si si si se sō

t 0074

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este kwesto iftu tu: ty tu tu tu tu ty tu tu usted voste infanтем infante fante ifēti mari:tus marito marit mari:t mōrit mā:trem patre tata tata tata tata tata tatā bestia peḡte utḡello serpentem serpjente serpente sirpēti sarḡint frukktus fruto frutto frute frute frujt frut frukt sementis simjente semente simēti kortikem kortiḡe kōrtisi kortikea korteḡa kortetḡa kurtisē skortea restem rista resta rēḡti kotenna kapitia kavettsa testa tet testā testē tēḡte testā teste tēastā dentem djente dente dēti dint dinte pi:t petiolus pitḡolo wentrem vātḡ bjentre bentrā vēt vintri vintre pantikem pintēḡe intera:nea ātḡaj entrāṇa itḡēṇe ētḡēṇe āntrāṇa spatula spate pektus petto peḡtu peḡtu pit pet pjept fi:ka:tum fegato fōt fijat fikāt ste:lla etwal estreja stella istrele iftrele æstel stō:l stele stēa lat: petra pje:tra pjatrā terra tēx tjera terra tēx tēx tērā tēx tjere tene:braj tē:nebre tene:bra:s tenēbḡ tinjeblas tē:nebre tḡevēf tēnebrās fu:ma:ta fumata fuma:ta fumate wentum bjento vento vētu vētu 'vint vint gḡatḡa stra:ta estrada strada istrade iftraḡe montem monte monte mōti mōnt munte monta:nea mōtāṇ montāṇa montāṇa mōtēṇe mōtēṇe muntāṇa mōtāṇ mōntāṇe noctem nōtte noḡti noḡti nit nyt nōt nōapte diurna:ta ḡornata bārbat sputere esputar sputare bomitar vomitare vumitax vumitar bumita gomita: avomita ātāḡḡ sēḡti sin'ti fti kōnetḡ kunḡafte ko:ḡita:re koḡitare kuzitaḡ kuzitar kuḡḡeta senti:re sātḡs sentir sentire sētir sānti sēti sinti: time:re temer temere temēx timer temā temi teme tremere tremar tremare tremēx trimer trima: tu:ta:ri tḡe tuwe makta:re mate matar mataḡ metar mēta utḡidere battuere batḡ batir battere batēx bēter batrā bate bati bate kaptia:re kattḡare kurtā:re kortar kortax kurtar ekskurta:re ekurte skortare skurta: skurta ta:lia:re taje taxar ta:llā:re ta:laḡ tēlar tāla tēji: taja: tēja fēt parti:re pārtiḡ partir partire pērtir pārti pō:rti parti: nata:re nwotare ambita:re ekstendere etāḡḡ ekstender estēndere istēdēx iḡtēder æstendrā ekstinde sedenta:re sentar sētar sētar senta: sta:re etḡ estar stare iḡtar iḡtar æsta sta: sta altia:re altja: torna:re tuḡne tornar tornare tōḡnax turnar turna tu:rne torna: turna tork'e:re tōḡḡ torḡer tōḡḡere turser turser tōrsā tōarḡe tōbe tumber tōbaḡ tōbar tumba tume tene:re tōniḡ tener tenere tēx ter tōni tini tinji appektora:re apretar epirtar epirtar stringere etḡēḡḡ estrepiṛ strindgere æḡtrīzīr æḡtrīzīr æstreṇā stringe strēngi: strindḡe frika:re fḡote frotar frettare fḡote tergere terḡere ekstergere estarsir æstārzi iḡterḡe tira:re tīxē tīar tīrare tīrar tīra tire tira: trahere tḡēx trarre traze trēzer trēwrā traj tradḡe jakta:re zōte ḡḡettare zeḡtar zeḡtar xita ḡḡete apta:re atar ētar ētar komputa:re kōte kontar kontare kōtar kōtar kumta kōte konta: kanta:re fāte kantar kantare kētar kētar kōnta ḡāte canta: kinta flu:ktua:re flyktḡe flugḡwar fluttuare flutuax flutuar fluktua fluctua fluita:re fluitare gḡatḡḡare aḡḡmenta:re ogmāte aḡmentar aḡmentare aḡmentar aḡmentar augmenta intume:skere entumeḡer itumeser itumeser kḡwatḡ kreḡte ustula:re ustolare ustura to:tus tu todo tutto todū todū tot tō dut tot multus molto mūḡtu mūḡtu mult tantus tanto tanto tētū tētū tant tanc alter otḡ otro altro owtru owtru altrā ōt altri alt grant la:tus lato lato latu latu lat pittitus pōti pōtit piti 'pittinus pitḡfino pitulus kurtus korto korto kuḡtu kurtu kurt kurt angustus angosto angusto ingust striktus etḡwa estreḡo stretto istreḡtu iftreḡtu æstret stxō: stret strimt minu:tus minuto mōnut minu:t mōrunt de:lika:tus delikato dēlikat subti:lem sutil so tḡile supḡil su:ti sutil calt frēt frē:t rekontem reḡjente reḡḡente retsint wetum putridum puḡrit 'fraḡ putred brut di:re:ktus dritto drēt dret drept rotundus ritondo tarōnt rōtund aku:tum tḡōḡā affila:to æfilat u'ḡa:t askutsit zmus̄a:to neted baṇḡa:to mu:lat ba'ṇa:t korre:ktum korretto peḡtu pertu lontā:no lon'taṇ departe dekstrum djestro destro destrū destrū destrā di:re:ktus dḡwat destra direḡte direḡte drēt drō:t 'dret drept sinistro stiṅg vert vert prjeto pretu pretu tre:s tḡwa tres tre tres tref tres trō: 'tre: trej k'attwor katḡ kwatro kwattro kwatru kwatru kwatrā kwat kwatri patru kwant ḡemu:t deintus et

u 0075

15

nu vu bus isu iftu akilu ekilu tu tu tu tu tu tu tu tu usted mulierem muxer mu:leḡ mu:ler mu:le mui:r mujere epuz

Appendix 3 - Words containing each segment

mulier muxer mułex mułer mułe mui:r mujere mari:tus maridu mēriðu sponsus epu ispozu ifpozu sokius awikellum
 uttfello useł uťjel paseru paseru peduklus pu piołu piołu pju pėdukje arvuri arbul pa:lus fru:ktus fruto frutto frute frute
 frujt frut frukt gra:num fułā frunzā kurtise fune funje ossum osu osu o:wum ovu ovu kōrnu kornu kua pluma pjuma
 plume pilus pelu pilu kapillus kabelu keřelu urełā ureke okulus ołū ołu na:sus bukka buř bukā gula gurā ungula ūpa
 ungja ūpē ūpē ɔŋgule ungje petiolus genikulum zənu zuełu zwełu đženunk^j manum kollum ku kōlu kōlu dorsum spatula
 sinus seju seju pektus pejtu pejtu fi:ka:tum figėdu fiyėdu solikulus luna luna lue lue lunā lune lunā pluwia jubja juve
 juve plužā fjume flumi flumi flum ri:wus řiu lakum lagu laų saksum sejfu sejfu laude sabulum sajbru sajbru sabula
 pulwerem pudř pulbere pulwus nube nube nuvėj nuvėj nu:bilus nublo nuvola nublada nublada nuřuř nebula negurā
 fumata fuma:ta fumase fumase fumate kajlum wentum vėtu vėtu fu:mus umo fumo fumu fumu fum fum fokum
 fogu foyu řfenuř kammi:num kamjnu kemjnu mun munte muntarā diurnum zuř djurno diurna:ta zuřne annum enu enu
 nume kumer manduka:re mandukar murđer musəga musəgar musəya murseka sugař sugar cuca: suđge konspuere kuspiř
 kufpir eskupir əskupi skuja sputere esputar sputare spuda: vumitař vumitar bumita sufle suprar udi:re kupiser kuneřā
 kuŋařte kuzitař kuzitar kujda kuđeta ulura durmir durmi durmi: muřiř muřer muri muri: muri tuwe uttfidere uksi
 uťide pugna:re pupar puppare pupa battuere pulsa:re puse puxar pulsare puřař puřar pulsa: pulsa kurta:re kurtar
 ekskurta:re ekuřte skurta: skurta pungere punđere pupi punđe jugula:re jugula:re kusar bula zbura lua tuřne turnar
 turna turna turser turser tumber tumba tume duar duna segurar sigurař siųurar enxugar affugare řfugar řfuųar əřuga
 suwe suja: uska pulsa:re puse puxar pulsare puřar puřar pulsa: pulsa e:runka:re aruŋka ko:nsuere kudř kufire kuzer kuzer
 kuzi kuzi komputa:re kumta e:numera:re enumeře enumerar enumerare enumerar enumera numara spune ludir
 xugar zuyar zuga đzuwe đjua: zuka flu:ktua:re flugtwar fluttuare flutuare flutuare flutuare fluktua fluctua fluita:re fluitare fluere flui
 fluire flui kule kuar kułā ekskurre eskurir iřkurer skurđe kurrere kuřiř kuřer kurđe augmenta umfla intume:skere
 entumeřer itumeser itumeser brufare bruza: ustula:re ustolare ustura to:tus tu tutto todū tođū dut multus mu muřo
 mųjtu mųjtu mult tantus tėtu tėtu alguno alkuno əlgu paųkus powku powku owtru owtru alius magnus longus lungo
 lōgu lōgu lunk lung largus laųgu largu latus latu latu amplus řfu řfu krassus grafu spissus espesu ipesu gurdus grossus
 grosu grosu lurdus luř pittitus 'pittinus pekenu pikenu putsin pitulus pitful kurtus kuř kuřtu kurtu kurt kurt angustus
 angusto ingust striktus istrejtū iřtrejtū minu:tus menudo minuto miudu miuđu mənūt minu mərunt de:lika:tus dewgadu
 deřyađu subti:lem sutil suřiw suřiw suptil suti:l subtsire kalidus kawdu kaldu fri:gidus friu friu ple:nus řeju řeju nowus
 nuvo novu novu wetum vełu vełu bonus bun malus putridum puri puđrit putred sordidus suřjo suzu suzu brut murdar
 di:re:ktus rotundus ředōđu řidōđu řatund aku:tum aųuđu eřiadu eřiadu u'řa: askutsit emuse zmusša:to segu seųu sua:wė
 lizu lizu u:midum muje umidu umiđu mułat mu'ji: ud sikkus seku seku korre:ktum propiŋk^wum pėrtu pėrtu łongum łup
 dekstrum destru deřtru di:re:ktus łəwum russus řu řořu řořu vermikulus veřmełu virmeřu rubeus řuž rubjo rub
 eo rubeo ruđe galbinus amarellus eřařełu eřeřełu krokeus albus awvu alvu nigrum negru negru negru pretu pretu
 u:num uno uno un uŋ unu duo:s duaj due duas duēs duēř kwatru kwatru patru řiku řiku ekkumhi:k ubi u u juo unde
 unde deunde kwėđu kwėđu komu komu kum nu deintus kum ku awu

V 0076

18

vu voi vōjs vof vos vo: voj vose vōse voste avi avi veř verme veřmi vermi vėrm vjer vjer vjerme əřvori arvuri selva
 sewva sełve sełve eřvė eřvė vjād vivanda vivėda vivėde vves wōvo ovu ovu řəvō řřivja cavej řəve kavettsa voli vāř vėt
 vintri vintre juve juve řivjeř řiv:ř so:vjō savalōn polvere polvar nuvėj nuvėj nuvola nėvwė nėvwė treveř vā vento vėtu
 vėtu vė 'vint vint neve nevi nevi vva via viē viē bevi vomir vomitare vumitař vumitar vo:mi avomita vwař vve:re
 veř ver vė'ji: 'vjodi avedəa o(w)viř ovir savwař savəř save: viř viřere viřeř viřer vivi via dividere đžividžis diviđir
 dividi divide řəvė kavare keřař keřar řə:řle řava: skavare iřkeřař iřkeřar řřava: naviga:re navigare naviųař naviųar
 naviga: naviga vole volare voař vwar vōle zvolare zvola: vėniř venire viř vir vini viji: veni leva:re łəve levare lewař
 livar łəve leva: viře virare virar viře lave lavare levar levar lave lava: greve gravi gravi grav grevi breve brevi brevi
 nuvo nōvo novu novu nōve vjō vėk:jo vełu vełu vi: 'vjeri vėkř viři: no vermikulus veřmeř vermiłlo veřmełu virmeřu
 veř verde verdi verdi vėř veř vert verde awvu alvu vi ove avek avu

W 0077

8

ew ew jew wo:s kwesto kwello wōmo pwasō awem aw awikellum wazo wermem silwa sewva paw paw fwee skwas
 skwartse kwan wi:wenda sangwe weso vves o:wum webō wōvo řw ow kwerno kwen kwar kawde kawde kōw pwal
 pew zwełu wentrem kwejo kwel dwes ifpadwe ifpadwe kwōre awmē fwa řw etwal aųwa akkwa agwe agwe aųwō e:w
 pluwia ri:wus řiw riw riw saw pulwerem pulwus nėvwė nėvwė newlā sew sew wentum niwem new fwego fwōko wia
 vwa wo:mo wo:mo leŋgwa lingwa ligwe ligwe bwař beřwā mwardi womere riwř wide:re vwař beřwā awzi savwař
 kwidar dwakmi wi:were biwř nwaře tuwe di:widere pwėđ rawř fwir kawa:re ekskawa:re nwtare wolare vwar wenire
 zawř swař řwař kawř laware suwe tēwř zve đzuwe flugtwar flwiř flwir křwatř awgū powku powku owtru owtru
 aw grwes grawis grew grew brewis brew etřwa dewgadu suřiw suřiw kawdu řřwa řřwe nowus nweřo nōw now wetum
 bwenō bwa: no maw maw đřwa sua:wė lwė đřwat łəwum wiridem awvu nwař dowā třwa k^wattwor kwatro kwattro

Appendix 3 - Words containing each segment

kwatru kwatru kwatrə kwat kwatri tʃiŋkwe kwi kwi kwa kwe: kwando kwando kwēdu kwēdu kwan kwand kwant

X 0078 39

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

y 0079 31

ty ty fry plym lyn ky ny njoly fyne nyt syse sysi: kōspyē zygylē gyra:re flyktqē flye bkylē mēny

Z 007A 50

epuz spɔza ispoza iʃpozə əspɔzə spɔzo ispozu iʃpozu wazo frunzə piez sizɛʃ sizɛʃ tʃinizɛ zi awzi kaze kazar kazar rəza zjava: zvolare zvola: zbura zeziz zezɛk zezɛr zəʃʃə traze trɛzɛr kuzɛr kuzɛr kuzi kə:z kuzi dizer dizer zɪʃʃə zgloŋfa: bruza: zmus̩sa:to lizu lizu

ã 00E3 82

ɕãp pās kua'hã

ç 00E7 77

krɔ:ç ɕa:vle vekç

ð 00F0 51

mariðo mɛriðu maðre paðre iyaðo fiyeðu pjeðra peðre peðrə iʃtraðe moðer muðer diviðir neðar toðu miuðu delyaðo deʎyaðu poðriðu puðrit ayuðu moxaðo umiðu iθkjerða iʃkerðe iʃkerðe

õ 00F5 61

pwasõ pehõ frõse frõse ògl òg so:vjõ mōʃi mōti mōtaŋ mōtēne mōtepe mōtaŋ nō tōbe tōbak tōbar kōte kōtar kōtar kōte gōfle gōfle pō òt lōgu lōgu lō tʃō bō bō bō bō kō kədōdu kədōdu rō lōzi lōzi lō ò òɕi òdi kō kō

ø 00F8 79

kø ʃəvø løn fø pø vjø dø

ĩ 0129 46

ifēʃi ifēti itrepe sizɛʃ sizɛʃ kamɪnu ligwɛ ligwɛ əʃtriʒir əʃtriʒir lipar lipar ifar ifar itumeser itumeser isendʒar isɛdʒar siku siku si si

ɨ 014B 75

saŋgre saŋ saŋk ɔŋgule maŋ aŋ nɔŋ leŋgwa maŋja: peŋsa: aruŋka zgloŋfa: loŋ iŋgust propiŋkʷum 'dɔŋje loŋgum lon'taŋ stɪŋg uŋ tʃiŋkwe siŋk 'tʃiŋk

œ 0153 37

fœm doem fœj flœk œf œj goel kœk

ũ 0169 94

pūziɪ pūziɪ mūjtu mūjtu awgū aʎgū ũ ũ

ɐ 0250 29

ekilu femɛ femje done done iʃpozə mɛriðu biʃe biʃe pasɛru pasɛru sɛlve frute frute foʎe foʎe frõse frõse kɛiʃ kɔʃʃise kurtise kɛvɛ ɛrve grɛme grɛme kodʒie kodie vivɛðe graʃe graʃe kawde kawde penɛ penɛ kɛʃɛlu kabɛse kɛʃɛse testɛ tɛʃte

orelj orejlj nerif boke boke upj upj pekne pekne zvelu p̃se p̃se itrepe etrepe ifpadwe ifpadwe awme alme figedu
figedu lue lue istrele iftrele agwe agwe fuve fuve pedre pedre areje ereje teke teke kelizj̃j̃ nevve nevve trevej fumase
fumase sizj̃ sizj̃ vie vie istrade iftraðe kemiju mōt̃epe mōt̃epe die die enu enu ligwe ligwe seber metar betar kesar
telar pertir siperar ṽer ṽezar ṽefkar kevax kevar ifkevax ifkevar neðar neviyar kemijnax kemijnar zezex zezar keir keir
epirtar epirtar levar levar trezer etar etar erder efiadu efiadu direjte direjte ifkerðe ifkerðe emarelu emerelu dues duej eki
ej e

0254

30 nojs nɔf vojs vɔse dɔnna dɔnə dɔne ɔm ɔmɛj ɔmə ɔm ɔm wɔmo spɔza əspɔzə spɔzo əspɔs sɔfʃo pidɔkkjo fɔʎʎa fɔj
 kɔʃfisi kartisi skɔrtsa əskɔrsə flɔ ɔs ɔsso ɔs ɔf wɔvo ɔw kɔʎn kɔrno kɔrn kɔw kɔdɛ plɔm ɔraj ɔkkjo bɔk bɔcɛ gɔlɛ
 ɔŋgule pittʃolo dʒinɔkkjo dʒino kɔlu kɔlu kɔʎ dasso dɔ kwɔrɛ kɔʎ kɔr sɔw sɔʎ sɔl sɔlo sɔlɛj savalɔn pɔlvar pɔ pɔ njɔʎ
 fwɔko fɔk mɔnt mɔntɔpɛ notte nɔt zɔʎna zɔʎna nɔm nɔŋ ɔmə mɔrdere ɔʝi: kɔnɛtɔ kinɔʃ dɔʎmiɔ mɔri ɔksɔ vɔlɛ tɔʎdɔ
 tɔʃfɛrɛ tɔrsə dɔnɛ lɔji: kɔlɛ tɔ pɔko pɔk grɔsso grɔs nɔvo nɔw nɔvɛ bɔn bɔn spɔrko spɔrk tɔrɔnt əprɔp 'dɔŋʝɛ rɔs rɔbbjo
 rɔʃʃ grɔk kɔmɔ kɔm kɔmɛ

Ǝ 025B 38
 femine efā pes pehō uttfello uttfel sjæpē vørn vjer vjer sæwva sælve sælve sementfe gæen ærel ræsen æxb erba erve jep
 gʷamen resta æfffi peli pjel sæk vʷes gæes kwen kōde plume pen pepə pene pel kəbeʔ səve tet testa tæstə tæftə tjes tæste
 ureʔa bōce dente ʔngule pe pe pəw perno pæxne pærne pærnə pekol kwel spale petto pet æstel stele mæx sel peðrə terra
 tæx tərə tjere nevwə nevwə tenebʷ trevʷf sjel tʃelo sæw sæw sel vento nevi nevi zel dʒelo zēt gles sendrə tʃinize munte
 'lenge bewrə bæspixə bewrə vɛjɪ: səbə konetʰ kuneʔa flekə tʃesi: teji: fendere fendrə nɛdʒi: mɛrdʒere estendere etʰ es
 spremere sere æstreɲə strengi: tɛrdʒere tʰæx tɛwɾə æmpɛɲə dʒete inʃendjare espesʷ æspes spe grwəs ɡwiʃf greve grevi bʰæf
 breve brevi brevi æstrɛt strɛt dɛʎaðu frɛt frwə rɛʃtente pʰɛ plɛn nɔvə vek:jo beʔ dɾɛt dɾet sek sek sɛʃf sek prɛ 'dɔŋʒɛ
 destro destru dɛstru destra dɾet 'dɾet æskɛɾə vɔxmej bɔrmeʔ vɛt vɛx vɛrt dʒɛn ɛmærelu ɛmɛrelu neyɾə tres kɛ ɛ

g 0261 1

ego: gra:num gʁen grano grano grẽw̃ grẽw̃ gra grin gran griw gra:men gʁamen grama grẽmẽ grẽmẽ gram sangre sangwe
s̃gi s̃gi s̃o:g gʁes grasa graʃe graʃe gref gula goel gola gola golə gəj gəle gurə ungula ôgl ungja ôg ɔŋgule ungje
gamba gamba gamba gambə gambə genikulum fegato figedũ agwẽ agwẽ age lago lago lagu ka:li:ginem negurə gelu: glas
gjatʃa glas gləs glatʃe geatsə fwego fogu lāg lengwa lingwa ligwẽ ligwẽ 'lengẽ musəga musəgar su:gere sugaʁ sugar
gomita: kogno:skere ko:gita:re fra:gra:re fragrare nəga anegar annegare pugna:re segar segare segaʁ pungere jugula:re
zygyle jugula:re naviga:re nabegar navigare nəbəga naviga: naviga mergere gyra:re segurar siguraʁ stringere stringe strēgi:
fregar fregare frəga iffrigar tergere ekstergere enxugar affugare ɛʃugar əʃuga impingere liga:re legar legare lega xugar
zogax zuga flugtwar gelare glakia:re glase gjatʃjare gləsa glatʃa: inglakia:re ingetsa augmenta:re ogmäte augmentar
augmentar augmenta qõfle qonfiare qõfle zqlonfa: flaagra:re flaəqe flaqrar flaqrare flaəqax flaqrar alquno awqũ alqũ əlqu

Appendix 3 - Words containing each segment

magnus grandem gṛā grande grande grēdži grēdi gran gṛā grant longus longo lungo lōgu lōgu lung largus largo laḡgu largu larg gṛā graso grasso grafu gras gras gras gurdus gordo grossus gṛo grōsso grosu grosu grōs grwēs gros grawis gṛijef grabe greve gravi gravi grew gravi grew angustus angosto angusto ingust dewgadu frigidus segu lōngum gof go:f stīng galbinus galben grōk nigrum negro negru negru negru

Y 0263 85
iṽaḡo fiṽeḡu aṽwa aṽwā laṽu foṽu musəṽa siṽar səṽa naviṽaḡ nēviṽar siṽurar iṽfriṽar ēṽuṽar ʌiṽa zuṽar larṽo deṽaḡo deṽaḡu aṽuḡo seṽu neṽro neṽrə

U 0265 69
fṽṽi plṽi nṽi kṽide tṽe esṽije flyktṽe

i 0268 24
eliṽ eli iṽēti iṽpoze iṽpozu pējiṽ avi sirpēti vermi arvuri simēti səminṽə kōrtisi ʌēsti peli karni sēgi sindḡe pilu dēti minə pintēṽe iṽtreṽe flumi riw vint nēvi mōti noṽti noṽti nomi biṽer minka ʌiṽpirar aride kuṽiser timer trimer siṽar siṽerar naviṽaḡ nēviṽar iṽtar iṽtar livar sigurəḡ siṽurar siṽar siṽar ʌpiṽtar ʌpiṽtar strindḡe iṽfrigar iṽfriṽar impindḡe kinta zilar zilar ingetsa kriṽser inṽindze grēdi gravi pikenu brevi ingust iṽtrejtu strimt podri podri ʌidōdu lōzi iṽkerḡe iṽkerḡe stīng virmeṽju verdi verdi ki ḡdi kind in si ki

I 026A 11
ḡṽi naris iṽenḡṽar

ʌ 026B 68
seṽe sḡ nuṽuṽ zēṽ flā:re aṽsa aṽsar kuṽa flama aṽgū aṽ deṽaḡu kaṽ pṽe lōngum ʌəḡwum

ṽ 0272 41
doṽa niṽo alimaṽa peṽa peṽə uṽa uṽe uṽe paṽṽə entraṽa iṽrēṽe ēṽrēṽe ənṽraṽə kamṽṽu kemṽṽu mōṽaṽ montṽaṽ montṽaṽa mōṽtēṽe mōṽtēṽe muntṽaṽ mōṽaṽ montṽaṽe ṽṽṽ aṽo aṽ mṽṽza maṽi: koṽesəḡ kuṽiser koṽosi puṽar puṽṽare puṽa puṽi kemṽṽaḡ kemṽṽar viṽi: estreṽir əstreṽə əṽpeṽə oṽṽi maṽo maṽṽo pekeṽo pu:f baṽṽa:to ba'ṽa:t ʌuṽ

ʌ 027B 95
kosaṽ

f 027E 36
embra fembra muxer muḡer ombre muxer muḡer mariḡo maridu mēriḡu marit maḡre marə paḡre parə paxaro pasēru pasēru pasēre serpiente sirpēti farpe berme vermi verm arḡol albero aḡvori arvuri abrə par fruto frute frute frujt grano grēw grēw gra frōsə frōsə frunzə kōrtisi korteḡa kurtisə skṽartsə flor fjo:re flor floare jerba erve jarbə grama grēmə grēmə gram rista karne karni karne sangre grasa graṽe graṽe gref kwerno kornu pər ōrexa oreṽe oreṽṽe ureṽə nariḡ naris neriṽ gurə pjierna pērnə bjentre bentrə entraṽa iṽrēṽe ēṽrēṽe ənṽraṽə kor sṽare estreṽa iṽtreṽe iṽtreṽe mar mar pjeḡra peḡre peḡre peḡrə pjaṽrə arena areṽe ʌrēṽe ərenə saṽṽru saṽṽru treṽṽf tēnebrəs ṽer estrada istradḡ iṽtradḡ djurno zorn xornada nombre ombre bərbaṽ ombre beber bere biṽer bēwṽrə komer kumer mandukar mandḡare mēzar morḡer murḡer moskar morsikare sugar kuṽpir eskupir esputar sputare bomitar vomitare vumitar soplar soffṽare soprar suprar respirar respirare ʌṽṽpirar ʌiṽpirar arespira reir ri:dere ʌir riwṽrə aride ber ʌede:re ver bēwṽrə oir udi:re ovir saber seber konoḡer kuṽiser kwiḡar kuṽitar pensar pensare pēsar sentir sētir oler ulura feṽraḡ feṽrar fləṽra temer timer tremar treməḡ trimer dormir durmir bibir viver biwṽrə morir muḡer muri anegar matar mētar utṽidere puṽar batir bēṽrə batrə kaḡar kēsar puṽar puṽar segar siṽar kortar kurtar taxar tēṽar dibidir diviḡir ender fēḡer fēḡrə partir pēṽtir separar separəḡ siṽerar səṽəṽa pūṽir raer ʌeer rawṽrə rasar ʌezar raskar ʌeṽkar kusar kabar kevar eskabar iṽkevar nadar nwotare neḡar nabegar nēviṽar bolar volare vwar zvolare zbuṽa kaminar kamminare kemṽṽar andar ēḡar benir venire vir ekstender iṽtēḡer əstendṽə jaḡer ḡaṽṽe:re zēṽer zawṽrə ser ser sentar sētṽr sētṽr estar iṽtar iṽtar jebar livar alḡar aṽsar tornar turnar xirar ḡirare zirar zirar zira birar virare virar zirar bira torḡer kaer kadere keir keir tumbṽr tōḡar dar dar donar duar tener tenere ter segurar sigurəḡ siṽurar ekspremir əspreṽə serar sərṽar ḡerṽar siṽar siṽar apretar ʌpiṽtar ʌpiṽtar estreṽir əstreṽə fregar frēḡa iṽfrigar iṽfriṽar frotar frisar frəsa laṽar leṽar leṽar estarsir enxugar ēṽugar ēṽuṽar limpjar lipar lipar tirar ṽira tirar tira puxar

puŝar puŝar traze trøzer trøwrø eŝfar zejtar zejtar lanŝar lëŝar arankar arunĝa legar atar etar etar koser kuzer kuzer kontar
kõtår kõtår enumerar enumerar enumerar enumera deŝir dizer dizer kantar kêtår kêtår ludir xugar zuyar flugtwår flutuar
fluir flwir kolar kuar eskurir iĝkurer skurdĝe korer kuĝer kurdĝe elar zilar zilar aũmentar aũgmentar aũgmentar inŝar iŝar
iŝar entumether itumeser itumeser krether kresex kriŝser krefa krefte kemar keĵmare flamear arder vder arde flagrar flagrar
enðender isendĝiar isedĝiar aensendrø otro owtru owtru altrø grande grēdĝi grēdi mare larĝo largu lark graso grafu gras
gordo grosu grosu grøs grabe gravi gravi grew grew lerdo lerdo lerdo korto kurtu kurt brebe brevi brevi brew estreŝo
istreĵtu iŝtreĵtu aŝtret frio friu friu fret poðriðo podri podri puðrit putred brut murdar dret ðerka pertu eprow aproape
departe djestro destru deŝtru destrø dereŝo direĵte dret drept iðkjerða iĝkerðe iĝkerðe roŝu bermexo virmejlu berde verdi
vert vert verde amarijo emarelu emerelu grøk neyro negru negru neyrø negru prjeto pretu pretu tres tres tref kwatro
kwatu kwatu kwatrø

mer vjɛr fry ɾɛsɛn kɾɔ:ç ɔraj savø:r mɔri pɔ:rti ma:ɾtʃi: tʃɛ:r sɛraɾ sɛrɛ iʃkureɾ frwɛ

mułex mułex maķi meķ pek seprā seprēfši sjekpē vek vekmi aķbķ akvori fiķi gķen ķais ķeif ķadi ķasin ķaķfisi ķaķfise
 eķovķ floķ floķ flōķ evb eķve gķamen ķeķfši ķeķti ķek ķaķni gķes ķoķn ķoķnu oķej pekņe vātķ āķvaj ķoķķ ķoķ ķuķ pluķ
 ky ķiw ķiu ķivķek riviķ meķ maķ meķ pķek piķ pudķ tek teķe teķe teķ teneķķ siķ sādķ zuiķ zōķna zōķna zuiķne bwaķ
 bebeķ bōķ mēzāķ moķdķ moķdeķ sugaķ kuķpiķ vomīķ vumitaķ sopraķ veķpiķe ķeķpirar ķiķpirar ķeķpiķe ķiķ ķiķ ķiģ ķiķ
 vvaķ vek etādķ o(w)viķ savvaķ sabek ķonetķ ķoneķes kuģitaķ pēsāķ sātīķ sēķfīķ flēķe ķeķraķ temeķ ķeķdķ tremek dōmīķ
 dōmīķ dwaķmi vivķ viveķ muķiķ moķek muķer mataķ oķsiķ batķ bateķ kasaķ puķaķ seģaķ koķtaķ eķuķte taķaķ ķķivīdķiķ
 fādķ fēdeķ partīķ partīķiķ sōvķe separaķ pwēdķ pūzīķ vaek ķeer ķaze ķazaķ ķezar ķaķķaķ ķeķķar fwiķ ķevāķ iķķevāķ nadaķ
 naviķaķ voaķ ķemīraķ maķķe ēdaķ vōniķ viķ etādķ istēdeķ zeziķ zeķek swaķ sek etķ levaķ tuķne toķnaķ ziķe viķe viķe
 tōdķ fwaķ tōbaķ daķ tōniķ tek siģuraķ epwēdķ iķpraķeķ seķa seķe siķar siķar etvēdķ fķeķe fķote fķote tiķe tķek kuķķ
 enumeķe diķ diķ zogaķ flutuaķ flwiķ koaķ iķķoķek kuķiķ koķek kuķer ķwātķ kreķek bķyle bķu:le ķvame ķeķmaķe aķķa
 aķdeķ flaģeķ flaģaķ oķķ gķā gķā lakz lakģu gķa gķo gģiķef luķ kuķ kuķtu kuķ: bķef bķef etķvaķ stōķ: ķiwa ķesēķī ķesēķī
 pu:ķi dķwa ķō ķedōdu ķidōdu tķāfā pķe pekķu dķwat ķu ķoķu ķoķu vekmeķ vekmeķu kuģ vek vek nwaķ nōķ tķwa katķ

naʃ voʃ elif iʃtu iʃpozə iʃpozu biʃfa biʃe biʃe peʃʃe peiʃi peiʃi peʃ peʃte ʃiʃ ʃarpe ʁeʃ ʁeʃʃi ʁeʃti ʃeʁ ʁʃ graʃe graʃe gref
 ʃəvə ʃəve teʃte neriʃ buʃ paʃʃə iʃpadwə iʃpadwə iʃtrele ʃuʋe ʃuʋe ʃeʃʃu ʃeʃʃu treʋeʃ siʒeʃ siʒeʃ ʃʁenuʃ iʃtraðe ʃəmē kuʃpiʁ
 ʁeʃpiʁar ʁiʃpiʁar ʃti konoffere kuneʃə kunəʃte ʃeʃraʁ ʃeʃrar ʃase puʃaʁ puʃar ʃindere ʁaʃkaʁ ʁeʃkaʁ iʃkeʋaʁ iʃkeʋar ʃəmine
 maʃe iʃtēder ʃeðe ʃtaʁ iʃtaʁ altaʃa: ʃwaʁ iʃprəmeʁ iʃprəmer əʃtriʒiʁ əʃtriʒiʁ iʃfriʒar iʃfriʒar ʃterðe aʃʃugare əʃugar əʃuʒar
 əʃuga puʃar puʃar ʃāte iʃkoʁeʁ iʃkureʁ iʃar iʃar kreʃʃere kriʃʃer kreʃə kreʃte ʁʃu ʁʃu graʃu iʃpesu iʃtrejtu ʃo ʃeʃu ʃeʃu tʁəʃi
 liʃʃo deʃtru qoʃ iʃkeʁðe iʃkeʁðe qo:ʃ ʁoʃʊ ʁoʃu roʃu doʃʃ duʃʃ tref ʃi

ΚΟΣΥ

elos molle muler muler mule molle muler muler mule usel riołu riołu pol folla folę folę fula pel kabeł
orełę orejłę urełā ołu ołu zuełu zwełu zənoł kəl əspalłə lunə lak talłare talak telar təla ləba ləba lənsa liya
łoŋ lark leno vełu vełu beł lis mulat łur vermillo vəkmełu virmejłu bərmel əla

zə zə zəb zənu zuełu zwełu zənoł pluza kalizēj kelizēj zel zeł zuu zorn zəbna zəbna zuwne mǎze mēzak mēzar mǎrza
kuzitak kuzitar pūzik pūzir zygyłe naze zezik zezek zezet zawrə zike zīrar zīrar zira zīrar əftrīzir əftrīzir əstərzi zəte zejtar
zejtar zwe zoqak zuyar zuga zuka zəle zīlar zīlar zəla intfındze lakz du:ze: suzu suzu lōzi lōzi kuz zon

jo jerba kabejo kwejo estreja jubja jelo jaθer jebar amarijo aja

Appendix 3 - Words containing each segment

dz	02A3	71
frondza dzornade		
ɖʒ	02A4	10
ɖʒi kodʒiv sindʒe ɖʒāp ɖʒinɔkkjo ɖʒino ɖʒenoli ɖʒenunkʲ fedʒə pjoddʒa kalidʒine ɖʒelo ɖʒer ɖʒu: ɖʒorno ɖʒu: ɖʒornata mandʒare sudʒe kodʒitare kudʒeta ɖʒividʒiɹ pundʒere pundʒe nɛdʒi: mɛrdʒere merdʒe ɖʒaʃe:re ɖʒere ɖʒirare ɖʒira: ɖʒira: strindʒere strindʒe tɛrdʒere ʃterdʒe tradʒe impindʒere impindʒe ɖʒettare ɖʒete ɖʒokare ɖʒuwe ɖʒuja: skurdʒe kurdʒe ɖʒelare ɖʒale ʔsɛndʒiɹ grɛdʒi rudʒe ɖʒɛn ɔdʒi		
ts	02A6	52
sots skɔrtsa skwartse skɔartsə tʂeastə pantse tsarə ɡɛatsə altsare tsine ingetsa putsin subsire retsint		
tʃ	02A7	48
ifɛtʃi sɔʃo utʃɛllo utʃɛl tʃɛ sɛɹpɛtʃi semɛtʃi semɛntʃe sɛminʃə radi:tʃe rɔdɔʃinɔ kortitʃe kɔʃʃisi kortettʃa kɔʃʃisə ʁɛʃʃi tʃo: tʃivja tʃes nariʃe dɛtʃi pittʃolo pitʃjor panʃa pintetʃe peʃo tʃɛatʃə tʃelo tʃi:l tʃer ɡjattʃa ɡlatʃe tʃenere tʃinize tʃenuʃə mɔʃʃi noʃʃe matʃa: utʃʃidere uʃʃide kattʃare tʃɛsi: catʃa: paxʃiɹ ʃimine ma:ʃʃi: ɖʒaʃe:re zəʃʃeɹ tɔʃʃere tɔʃʃe tʃe:ɹ tʃjade tʃira eʃʃar lanʃare lanʃa: arronʃare kutʃire zitʃe tʃɔte ɡjattʃjare ɡlatʃa: inʃʃar bruʃʃare inʃʃendʒare inʃʃindʒe muʃʃo anʃʃo pittʃino pitʃul estretʃo suʃʃiw suʃʃiw tʃɔ reʃʃente ʁesɛtʃi ʁesɛtʃi retʃe martʃo uʃʃa:t setʃ viʃʃi:no deretʃo ʔʃaɹʔp rɔʃ krotʃeo tʃiɹkwe ʔʃiɹk tʃintʃ tʃine tʃe tʃe tʃemu:t		
β	03B2	67
arβol kɛβelu kaβeθa kɛβesə saʒβru saʒβru nuβuʃ biβer səβɛ 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 suθjo θerka iθkjerðə θinko		
ẽ	1EBD	64
tʃɛ sɛɹpɛtʃi sirpɛti sʒɛɹpɛ semɛtʃi simɛti simɛs vivɛda vivɛdɛ dɛtʃi dɛti dɛ mɛ mɛ ɛtrɛɹɹɛ sɛ vɛtu vɛtu vɛ pɛsar pɛsar sɛtʃiɹ sɛtir kɛdɛɹ fɛdɛɹ ʔtɛdɛɹ ʔtɛdɛɹ sɛtar sɛtar ɛʃʃugar ɛʃʃuɹar ɛʃʃle ʔsɛdʒar ʁesɛtʃi ʁesɛtʃi plɛ sua:wɛ lwɛ sɛk sɛk nɛ		

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
They	ei:	ay-E
This	hik	h-e-k
That	ille	e-l-l-ay
YouSingular	tu:	t-U
He	is	e-s
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

Appendix 4 - Word Lists by Language

Meat	karnem	k-ah-r-n-ay-m
Meat-Vivenda	wi:wenda	w-E-w-ay-n-d-ah
Blood	sang ^w inem	s-ah-n-gw-e-n-ay-m
Bone	ossum	oh-s-s-u-m
FatNoun	adepem	ah-d-ay-p-ay-m
Egg	o:wum	O-w-u-m
Horn	kornu:	k-oh-r-n-U
Tail	kauda	k-au_diphthong-d-ah
Feather	plu:ma	p-l-Ū-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 ^w 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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

ToLive	wi:were	w-E-w-ay-r-ay
ToKill	neka:re	n-ay-k-A-r-ay
ToKill-Tutari	tu:ta:ri	t-U-t-A-r-e
ToKill-Mactare	makta:re	m-ah-k-t-A-r-ay
ToKill-Occidere	okki:dere	oh-k-k-E-d-ay-r-ay
ToFight	pugna:re	p-u-g-n-A-r-ay
ToFight-Battuere	battuere	b-ah-t-t-u-ay-r-ay
ToHunt-Captiare	kaptia:re	k-ah-p-t-e-A-r-ay
ToHit	pulsa:re	p-u-l-s-A-r-ay
ToCut	seka:re	s-ay-k-A-r-ay
ToCut-Curtare	kurta:re	k-u-r-t-A-r-ay
ToCut-Excurtare	ekskurta:re	ay-k-s-k-u-r-t-A-r-ay
ToCut-Taliare	ta:lia:re	t-A-l-e-A-r-ay
ToSplit	di:widere	d-E-w-e-d-ay-r-ay
ToSplit-Scindere	skindere	s-k-e-n-d-ay-r-ay
ToSplit-Findere	findere	f-e-n-d-ay-r-ay
ToSplit-Partire	parti:re	p-ah-r-t-E-r-ay
ToSplit-Separare	se:para:re	s-ai-p-ah-r-A-r-ay
ToStab	pungere	p-u-n-g-ay-r-ay
ToStab-lugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	ra:dere	r-A-d-ay-r-ay
ToDig	fodere	f-oh-d-ay-r-ay
ToDig-Cavare	kawa:re	k-ah-w-A-r-ay
ToDig-Excavare	ekskawa:re	ay-k-s-k-ah-w-A-r-ay
ToSwim	nata:re	n-ah-t-A-r-ay
ToSwim-Navigare	naviga:re	n-ah-v-e-g-A-r-ay
ToFly	wola:re	w-oh-l-A-r-ay
ToWalk-Mergere	mergere	m-ay-r-g-ay-r-ay
ToWalk-Ambitare	ambita:re	ah-m-b-e-t-A-r-ay
ToCome	weni:re	w-ay-n-E-r-ay
ToLieAsInABed	ekstendere	ay-k-s-t-ay-n-d-ay-r-ay
ToLieAsInABed-lacere	jake:re	jg-ah-k-ai-r-ay
ToSit	sede:re	s-ay-d-ai-r-ay
ToSit-Sedentare	sedenta:re	s-ay-d-ay-n-t-A-r-ay
ToStand	sta:re	s-t-A-r-ay
ToStand-Levare	leva:re	l-ay-v-A-r-ay
ToStand-Altiare	altia:re	ah-l-t-e-A-r-ay
ToTurnIntransitive	torna:re	t-oh-r-n-A-r-ay
ToTurnIntransitive-Gyrate	gyra:re	g-eeh-r-A-r-ay
ToTurnIntransitive-Torquere	tork ^w e:re	t-oh-r-kw-ai-r-ay
ToFall	kadere	k-ah-d-ay-r-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	donare	d-oh-n-ah-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-Appetere	appetora:re	ah-p-p-ay-k-t-oh-r-A-r-ay
ToSqueeze-Stringere	stringere	s-t-r-e-n-g-ay-r-ay
ToRub	frika:re	f-r-e-k-A-r-ay
ToRub-Frictare	frikta:re	f-r-e-k-t-A-r-ay
ToWash	lawa:re	l-ah-w-A-r-ay
ToWipe	tergere	t-ay-r-g-ay-r-ay
ToWipe-Extergere	ekstergere	ay-k-s-t-ay-r-g-ay-r-ay
ToWipe-Exsucare	eksu:ka:re	ay-k-s-U-k-A-r-ay
ToWipe-Limpidare	limpida:re	l-e-m-p-e-d-A-r-ay
ToPull	tira:re	t-e-r-A-r-ay

Appendix 4 - Word Lists by Language

ToPull-Pulsare	pulsa:re	p-u-l-s-A-r-ay
ToPull-Trahere	trahere	t-r-ah-h-ay-r-ay
ToPush	impingere	e-m-p-e-n-g-ay-r-ay
ToThrow	jakta:re	jg-ah-k-t-A-r-ay
ToThrow-Lanceare	lankea:re	l-ah-n-k-ay-A-r-ay
ToThrow-Eruncare	e:runka:re	ai-r-u-n-k-A-r-ay
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
ToSay	di:kere	d-E-k-ay-r-ay
ToSay-Exponere	eksपो:nerere	ay-k-s-p-O-n-ay-r-ay
ToSing-AncestralClass	kanta:re	k-ah-n-t-A-r-ay
ToPlay-Ludere	lu:dere	l-U-d-ay-r-ay
ToPlay-Jiocare	joka:re	jg-oh-k-A-r-ay
ToFloat	flu:ktua:re	f-l-U-k-t-u-A-r-ay
ToFloat-Fluitare	fluita:re	f-l-u-e-t-A-r-ay
ToFlow	fluere	f-l-u-ay-r-ay
ToFlow-Colare	ko:la:re	k-O-l-A-r-ay
ToFlow-Excurrere	ekskurrere	ay-k-s-k-u-r-r-ay-r-ay
ToFlow-Currere	kurrere	k-u-r-r-ay-r-ay
ToFreeze	gela:re	g-ay-l-A-r-ay
ToFreeze-Glaciare	glakia:re	g-l-ah-k-e-A-r-ay
ToFreeze-Inglaciare	inglakia:re	e-n-g-l-ah-k-e-A-r-ay
ToSwell	augmenta:re	au_diphthong-g-m-ay-n-t-A-r-ay
ToSwell-Inflare	infla:re	e-n-f-l-A-r-ay
ToSwell-Conflare	konfla:re	k-oh-n-f-l-A-r-ay
ToSwell-Intumescere	intume:skere	e-n-t-u-m-ai-s-k-ay-r-ay
ToSwell-Crescere	kre:ske:re	k-r-ai-s-k-ai-r-ay
ToBurn-Cremare	krema:re	k-r-ay-m-A-r-ay
ToBurn-Flammare	flamma:re	f-l-ah-m-m-A-r-ay
ToBurn-Ardere	arde:re	ah-r-d-ai-r-ay
ToBurn-Flagrare	flagra:re	f-l-ah-g-r-A-r-ay
ToBurn-Incendere	inkendere	e-n-k-ay-n-d-ay-r-ay
ToBurn-AncestralClass8	ustula:re	u-s-t-u-l-A-r-ay
All	omne:s	oh-m-n-ai-s
All-Totus	to:tus	t-O-t-u-s
Many	multus	m-u-l-t-u-s
Many-Tantus	tantus	t-ah-n-t-u-s
Few	paukus	p-au_diphthong-k-u-s
Other	alter	ah-l-t-ay-r
Other-Alius	alius	ah-l-e-u-s
Big	magnus	m-ah-g-n-u-s
Big-Grandem	grandem	g-r-ah-n-d-ay-m
Big-Majjorem	majjo:rem	m-aj_diphthong-jg-O-r-ay-m
Long-Longum	longus	l-oh-n-g-u-s
Long-Largum	largus	l-ah-r-g-u-s
Wide	la:tus	l-A-t-u-s
Wide-Amplum	amplus	ah-m-p-l-u-s
Thick	krassus	k-r-ah-s-s-u-s
Thick-Spissum	spissus	s-p-e-s-s-u-s
Thick-Gurdum	gurdus	g-u-r-d-u-s
Thick-Grossum	grossus	g-r-oh-s-s-u-s
Heavy	grawis	g-r-ah-w-e-s
Heavy-Lurdus	lurdus	l-u-r-d-u-s
Small	pittitus	p-e-t-t-e-t-u-s

Appendix 4 - Word Lists by Language

Small-Pittinus	'pittinus	p-e-t-t-e-n-u-s
Small-Pitulus	pitulus	p-e-t-u-l-u-s
Short	kurtus	k-u-r-t-u-s
Short-Brevis	brewis	b-r-ay-w-e-s
Narrow	angustus	ah-n-g-u-s-t-u-s
Narrow-Strictus	striktus	s-t-r-e-k-t-u-s
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	wetum	w-ay-t-u-m
Good	bonus	b-oh-n-u-s
Bad	malus	m-ah-l-u-s
Rotten	putridum	p-u-t-r-e-d-u-m
Dirty	sordidus	s-oh-r-d-e-d-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:tum	ah-k-U-t-u-m
DullAsAKnife	hebes	h-ay-b-ay-s
Smooth	sua:wě	s-u-A-w-ehn
Wet	u:midum	U-m-e-d-u-m
Dry	sikkus	s-e-k-k-u-s
Correct	korre:ktum	k-oh-r-r-ai-k-t-u-m
Near	propiḡk ^w um	p-r-oh-p-e-nya-kw-u-m
Far	longum	ssha-oh-nya-g-u-m
Right-Dextrem	dekstrum	d-ay-k-s-t-r-u-m
Right-Directus	di:re:ktus	d-E-r-ai-k-t-u-s
Left	laewum	ssha-ah-eah-w-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
Black	nigrum	n-e-g-r-u-m
One	u:num	U-n-u-m
Two-Duos	duo:s	d-u-O-s
Two-Duae	duaj	d-u-aj_diphthong
Two-Duas	duas	d-u-ah-s
Three	tre:s	t-r-ai-s
Four	k ^w attwor	kw-ah-t-t-w-oh-r
Five	k ^w i:nk ^w e	kw-E-n-kw-ay
Here	ekkumhi:k	ay-k-k-u-m-h-E-k
There	illa:k	e-l-l-A-k
There-Ibi	ibi:	e-b-E
Who-Qui	k ^w is	kw-e-s
Who-Quem	k ^w em	kw-ay-m
What	k ^w id	kw-e-d
Where-Ubi	ubi	u-b-e
Where-Unde	unde	u-n-d-ay
Where-DeUnde	deunde	d-ay-u-n-d-ay

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
If	si:	s-E
Because-Quod	k ^w od	kw-oh-d

French

Cognate	IPA	Sounds
I	ʒə	gzah-aah
We	nu	n-u
YouPlural	vu	v-u
This	sə.si	s-aah-s-e
That	sə.la	s-aah-l-ah
YouSingular	ty	t-eeh
Woman	fam	f-ah-m
Woman-Domina	dam	d-ah-m
ManHumanBeing	ɔm	eu-h-m
ManHumanBeing-Homo	ɔ̃	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	pwasɔ̃	p-w-ah-s-on
Bird-Avicellum	wazo	w-ah-zz-oh
Dog	ʃjɛ̃	shh-jg-ehnn
Louse	pu	p-u
Snake	sɛʁpã	s-ay-rr-p-NasalA
Worm	veʁ	v-ay-rr
Tree	aʁbʁ	ah-rr-b-rr
Stick	pɑl	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-OpenMidNearFrontRounded-jg
Root-Radix	ʁadi	rr-ah-d-e
Root-Radicina	ʁasin	rr-ah-s-e-n
BarkOfATree-Skortea	ekoʁs	ay-k-oh-rr-s
Flower	flœʁ	f-l-OpenMidNearFrontRounded-rr
Grass	ɛʁb	eh-rr-b
Grass-Gramen	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	vjad	v-jg-NasalA-d

Appendix 4 - Word Lists by Language

Blood	sǣ	s-NasalA
Bone	os	euh-s
FatNoun-Crassia	gæes	g-rr-eh-s
Egg	æf	OpenMidNearFrontRounded-f
Horn	kǽn	k-euh-rr-n
Tail	kø	k-uu
Feather	plym	p-l-eeh-m
Feather-Penna	pēn	p-eh-n
Hair	pwal	p-w-ah-l
Hair-Capillus	ʃævø	shh-aah-v-uu
Head	ʃæve	shh-aah-v-eh
Head-Testa	tēt	t-eh-t
Ear	oæej	oh-rr-ej_diphthong
Eye	æj	OpenMidNearFrontRounded-jg
Nose	ne	n-ay
Mouth	buʃ	b-u-shh
Mouth-Gula	gœl	g-OpenMidNearFrontRounded-l
Tooth	dǣ	d-NasalA
Fingernail	ōgl	on-g-l
Foot	pje	p-jg-ay
Leg-Gamba	zǣb	gzah-NasalA-b
Knee-Geniculum	zœnu	gzah-aah-n-u
Hand	mē	m-ehn
Wing	el	ay-l
Belly	vǣtæ	v-NasalA-t-rr
Belly-Pantex	pǣs	p-NasalA-s
Guts	ǣtraj	NasalA-t-rr-ah-jg
Neck	ku	k-u
Back	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast	sē	s-ehn
Breast-Pectus	pi	p-e
Heart	kœæ	k-OpenMidNearFrontRounded-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	sœlej	s-euh-l-eh_diphthong
Moon	lyn	l-eeh-n
Star	etwal	ay-t-w-ah-l
Water	o	oh
Rain	plqi	p-l-eu-e
River-Rivus	ky	rr-eeh
River-Riparia	kvjææ	rr-e-v-jg-ay-rr
Lake	lak	l-ah-k
Sea	mææ	m-eh-rr
Salt	sæl	s-eh-l
Stone-Petra	pjææ	p-jg-ay-rr
Sand-Sabulum	sabl	s-ah-b-l
Dust	pudæ	p-u-d-rr
Earth	tææ	t-ay-rr
Cloud	ny	n-eeh
Fog-Nebula	njoly	n-jg-euh-l-eeh
Fog-Tenebras	tenebæ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-eeh-m-ay
Sky	sjæl	s-jg-eh-l
Wind	vǣ	v-NasalA
Ice	zel	gzah-eh-l
Ice-Glacies	glas	g-l-ah-s

Appendix 4 - Word Lists by Language

Fire-Focus	fø	f-uu
Ash	sād̥k	s-NasalA-d-rr
Road	vwa	v-w-ah
Road-Camminus	ʃəm̃e	shh-aah-m-ehnn
Mountain	mō	m-oon
Mountain-Montanea	mōt̥aŋ	m-on-t-ah-VdPalatalNasal
Night	n̥i	n-eu-e
Day-Diurnus	zu̥k	gzah-u-rr
Day-Diurnata	zu̥kne	gzah-u-rr-n-ay
Year	ā	NasalA
Name-Nomen	nō	n-oon
Tongue	lā̃g	l-NasalA-g
ToDrink	bw̥ḁk	b-w-a-rr
ToEat-Manducare	mā̃ze	m-NasalA-gzah-ay
ToBite	mo̥k̥d̥k	m-oh-rr-d-rr
ToSuck	sy̥se	s-eeh-s-ay
ToSpit	kō̃sp̥ye	k-oon-s-p-eeh-ay
ToVomit	vo̥mi̥k	v-oh-m-e-rr
ToBlow	suf̥le	s-u-f-l-ay
ToBreathe	ʔespi̥ʔe	rr-ay-s-p-e-rr-ay
ToLaugh	ʔi̥k	rr-e-rr
ToSee	vwḁk	v-w-ah-rr
ToHear	āt̥ād̥k	NasalA-t-NasalA-d-rr
ToKnow-Sapere	savwḁk	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kō̃n̥et̥k	k-euh-n-eh-t-rr
ToThink	k̥i̥de	k-eu-e-d-ay
ToThink-Pensare	pā̃se	p-NasalA-s-ay
ToSmell-Sentire	sāt̥i̥k	s-NasalA-t-e-rr
ToSmell-Fragrare	fl̥e̥k̥e	f-l-eh-rr-ay
ToFear-Tremere	k̥ʔē̃d̥k	k-rr-ehnn-d-rr
ToSleep	dō̃k̥mi̥k	d-euh-rr-m-e-rr
ToLive	vi̥v̥k	v-e-v-rr
ToDie	mu̥ʔi̥k	m-u-rr-e-rr
ToKill	n̥waje	n-w-aj_diphthong-ay
ToKill-Tutari	t̥ʔe	t-eu-ay
ToKill-Mactare	mate	m-ah-t-ay
ToKill-Occidere	ō̃ksi̥k	euh-k-s-e-rr
ToFight-Battuere	bat̥k	b-ah-t-rr
ToHunt-Captiare	ʃase	shh-ah-s-ay
ToHit	p̥use	p-u-s-ay
ToCut	s̥je	s-jg-ay
ToCut-Excurtare	ek̥u̥kte	ay-k-u-rr-t-ay
ToCut-Taliare	t̥aje	t-a-jg-ay
ToSplit-Scindere	sē̃de	s-ehnn-d-ay
ToSplit-Findere	fād̥k	f-NasalA-d-rr
ToSplit-Partire	pakt̥i̥k	p-ah-rr-t-e-rr
ToSplit-Separare	sō̃v̥k̥e	s-aah-v-rr-ay
ToStab	p̥wē̃d̥k	p-w-ehnn-d-rr
ToStab-Iugulare	zy̥gyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	ʔaze	rr-a-zz-ay
ToDig	fw̥i̥k	f-w-e-rr
ToSwim-Navigare	nā̃ze	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	ʃə̃mine	shh-aah-m-e-n-ay
ToWalk-Marcher	mḁʔʃe	m-ah-rr-shh-ay
ToCome	vō̃ni̥k	v-aah-n-e-rr
ToLieAsInABed	et̥ād̥k	ay-t-NasalA-d-rr

Appendix 4 - Word Lists by Language

ToLieAsInABed-lacere	ʒeziʁ	gzah-ay-zz-e-rr
ToSit	swaʁ	s-w-ah-rr
ToStand	ɛtʁ	eh-t-rr
ToStand-Levare	lɔve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive	tʉrne	t-u-rr-n-ay
ToTurnIntransitive-Gyrate	ʒiʁe	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	viʁe	v-e-rr-ay
ToTurnIntransitive-Torquere	tɔʁdʁ	t-euh-rr-d-rr
ToFall	ʃwaʁ	shh-w-ah-rr
ToFall-Tumbare	tɔbe	t-on-b-ay
ToGive-Donare	dɔne	d-euh-n-ay
ToHold	tɔniʁ	t-aah-n-e-rr
ToSqueeze	epʁɛdʁ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	seʁe	s-ay-rr-ay
ToSqueeze-Stringere	ɛtʁɛdʁ	ay-t-rr-ehnn-d-rr
ToRub	fʁɛʒe	f-rr-eh_diphthong-ay
ToRub-Frictare	fʁote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	esʁiʒe	ay-s-eu-e-jg-ay
ToPull	tiʁe	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahere	tʁɛʁ	t-rr-eh-rr
ToThrow	ʒɔte	gzah-aah-t-ay
ToThrow-Lanceare	lɔse	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudʁ	k-u-d-rr
ToCount	kɔte	k-on-t-ay
ToCount-Enumerare	enumɛʁe	ay-n-u-m-ay-rr-ay
ToSay	diʁ	d-e-rr
ToSing-AncestralClass	ʃɔte	shh-NasalA-t-ay
ToPlay-Jiocare	ʒwe	gzah-w-ay
ToFloat	flyktʉe	f-l-eeh-k-t-eu-ay
ToFlow	flye	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kʉiʁ	k-u-rr-e-rr
ToFreeze	ʒɔle	gzah-aah-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell	ogmɔte	oh-g-m-NasalA-t-ay
ToSwell-Inflare	ɔfle	NasalA-f-l-ay
ToSwell-Conflare	gɔfle	g-on-f-l-ay
ToSwell-Crescere	kʁwatʁ	k-rr-w-ah-t-rr
ToBurn-Brojan	bʁyle	b-rr-eeh-l-ay
ToBurn-Cremare	kʁame	k-rr-ah-m-ay
ToBurn-Flammare	flɔbe	f-l-NasalA-b-ay
ToBurn-Ardere	aʁdʁ	ah-rr-d-rr
ToBurn-Flagrare	flagʁe	f-l-ah-g-rr-ay
ToBurn-Incendere	ɛsadʒe	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okɔ	oh-k-uuh
Few	pø	p-uu
Other	otʁ	oh-t-rr
Big-Grandem	gʁɔ	g-rr-NasalA
Long-Longum	lɔ	l-oon
Long-Largum	laʁʒ	l-ah-rr-gzah
Wide	le	l-ay

Appendix 4 - Word Lists by Language

Wide-Amplum	ãpl	NasalA-p-l
Thick	gɤa	g-rr-a
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	plē	p-l-ehnn
New	nuvo	n-u-v-oh
Old	vjə	v-jg-uu
Good	bō	b-on
Bad	mal	m-ah-l
Rotten	puri	p-u-r-e
Dirty	sal	s-ah-l
Straight	dɤwa	d-rr-w-ah
Round	ɤō	rr-on
SharpAsAKnife	tɤq̃fã	t-rr-NasalA-shh-NasalA
DullAsAKnife	emuse	ay-m-u-s-ay
Smooth	lis	l-e-s
Wet	muje	m-u-jg-ay
Dry	sek	s-eh-k
Near	pɤe	p-rr-ay
Far	lwē	l-w-ehn
Right-Directus	dɤwat	d-rr-w-ah-t
Left	goʃ	g-oh-shh
Red	ɤu	rr-u
Red-Vermiculus	vɤɤmej	v-eh-rr-m-eh_diphthong
Red-Rubeus	ɤuʒ	rr-u-gzah
Green	vɤɤ	v-ay-rr
Yellow	ʒon	gzah-oh-n
Black	nwaɤ	n-w-ah-rr
One	œ	uuh
Two-Duos	dø	d-uu
Three	tɤwa	t-rr-w-a
Four	katɤ	k-ah-t-rr
Five	sēk	s-ehn-k
Here	isi	e-s-e
There	la	l-ah
Who-Qui	ki	k-e
What	kwa	k-w-ah
Where-Ubi	u	u
Where-DeUnde	dō	d-oon
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

Appendix 4 - Word Lists by Language

And-Si	si	s-e
If	si	s-e
Because-Quod	kə	k-aah

Spanish

Cognate	IPA	Sounds
I	jo	VdPalatalFricative-oh
We	nos	n-oh-s
YouPlural	bos	b-oh-s
They	eʎos	ay-yuh-oh-s
This	este	ay-s-t-ay
That	ese	ay-s-ay
YouSingular	tu	t-u
YouSingular-VostramMercedem	usted	u-s-t-ay-d
He	el	ay-l
Woman	embra	ay-m-b-er-ah
Woman-Mulier	muxer	m-u-xha-ay-er
Woman-Domina	dona	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	mariño	m-ah-er-e-dd-oh
Husband-Sponsus	esposo	ay-s-p-oh-s-oh
Mother	mañre	m-ah-dd-er-ay
Father	pañre	p-ah-dd-er-ay
Father-Tata	tata	t-ah-t-ah
Animal	alimaña	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	serpiente	s-ay-er-p-jg-ay-n-t-ay
Worm	berme	b-ay-er-m-ay
Tree	arbol	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	piel	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

Appendix 4 - Word Lists by Language

Egg	webo	w-ay-b-oh
Horn	kwerno	k-w-ay-er-n-oh
Tail	kola	k-oh-l-ah
Feather	pluma	p-l-u-m-ah
Feather-Penna	pepa	p-ay-VdPalatalNasal-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kabejo	k-ah-b-ay-VdPalatalFricative-oh
Head	kaβeθa	k-ah-bb-ay-th-ah
Ear	orexa	oh-er-ay-xha-ah
Eye	oxo	oh-xha-oh
Nose	naso	n-ah-s-oh
Nose-Nares	nariθ	n-ah-er-e-th
Mouth	boka	b-oh-k-ah
Mouth-Gula	gola	g-oh-l-ah
Tooth	djente	d-jg-ay-n-t-ay
Fingernail	upa	u-VdPalatalNasal-ah
Foot	pje	p-jg-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	pjerna	p-jg-ay-er-n-ah
Leg-Petiolus	peθiolo	p-ay-th-e-oh-l-oh
Knee-Geniculum	inoxo	e-n-oh-xha-oh
Hand	mano	m-ah-n-oh
Wing	ala	ah-l-ah
Belly	bjentre	b-jg-ay-n-t-er-ay
Belly-Pantex	panθa	p-ah-n-th-ah
Guts	entraña	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	peʃo	p-ay-ts-oh
Heart-Anima	alma	ah-l-m-ah
Liver	iyaðo	e-juh-ah-dd-oh
Sun	sol	s-oh-l
Moon	luna	l-u-n-ah
Star	estreja	ay-s-t-er-ay-VdPalatalFricative-ah
Water	aywa	ah-juh-w-ah
Rain	jubja	VdPalatalFricative-u-b-jg-ah
River-Rivus	rio	r-e-oh
Lake	lago	l-ah-g-oh
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone-Petra	pjeðra	p-jg-ay-dd-er-ah
Stone-Lapidem	laude	l-ah-u-d-ay
Sand	arena	ah-er-ay-n-ah
Dust-Pulwus	polbo	p-oh-l-b-oh
Earth	tjera	t-jg-ay-r-ah
Cloud	nube	n-u-b-ay
Cloud-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

Appendix 4 - Word Lists by Language

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	montapa	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
ManMale	ombre	oh-m-b-er-ay
ManHuman	ombre	oh-m-b-er-ay
Tongue	leggwa	l-ay-nya-g-w-ah
ToDrink	beber	b-ay-b-ay-er
ToEat	komer	k-oh-m-ay-er
ToEat-Manducare	mandukar	m-ah-n-d-u-k-ah-er
ToBite	morðer	m-oh-er-dd-ay-er
ToBite-Morsicare	moskar	m-oh-s-k-ah-er
ToSpit-Exconspuere	eskupir	ay-s-k-u-p-e-er
ToSpit-Sputare	esputar	ay-s-p-u-t-ah-er
ToVomit	bomitar	b-oh-m-e-t-ah-er
ToBlow	soplar	s-oh-p-l-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

Appendix 4 - Word Lists by Language

ToDig-Excavare	eskabar	ay-s-k-ah-b-ah-er
ToSwim	nadar	n-ah-d-ah-er
ToSwim-Navigare	nabegar	n-ah-b-ay-g-ah-er
ToFly	bolar	b-oh-l-ah-er
ToWalk	kaminar	k-ah-m-e-n-ah-er
ToWalk-Ambitare	andar	ah-n-d-ah-er
ToCome	benir	b-ay-n-e-er
ToLieAsInABed	ekstender	ay-k-s-t-ay-n-d-ay-er
ToLieAsInABed-lacere	jaθer	VdPalatalFricative-ah-th-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sentar	s-ay-n-t-ah-er
ToStand	estar	ay-s-t-ah-er
ToStand-Levare	jebar	VdPalatalFricative-ay-b-ah-er
ToStand-Altiare	alθar	ah-l-th-ah-er
ToTurnIntransitive	tornar	t-oh-er-n-ah-er
ToTurnIntransitive-Gyrate	xirar	xha-e-er-ah-er
ToTurnIntransitive-AncestralClass3	birar	b-e-er-ah-er
ToTurnIntransitive-Torquere	torθer	t-oh-er-th-ay-er
ToFall	kaer	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	donar	d-oh-n-ah-er
ToHold	tener	t-ay-n-ay-er
ToHold-Segurar	segurar	s-ay-g-u-er-ah-er
ToSqueeze	ekspremir	ay-k-s-p-er-ay-m-e-er
ToSqueeze-Serrere	serar	s-ay-r-ah-er
ToSqueeze-Serare	θerar	th-ay-r-ah-er
ToSqueeze-Appetorare	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estrenir	ay-s-t-er-ay-VdPalatalNasal-e-er
ToRub	fregar	f-er-ay-g-ah-er
ToRub-Frictare	frotar	f-er-oh-t-ah-er
ToRub-Frictiare	frisar	f-r-e-s-ah-er
ToWash	laßar	l-ah-bb-ah-er
ToWipe-Extergere	estarsir	ay-s-t-ah-er-s-e-er
ToWipe-Exsucare	enxugar	ay-n-xha-u-g-ah-er
ToWipe-Limpidare	limpiar	l-e-m-p-jg-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	puxar	p-u-xha-ah-er
ToThrow	eñar	ay-ts-ah-er
ToThrow-Lanceare	lanθar	l-ah-n-th-ah-er
ToThrow-Eruncare	arankar	ah-r-ah-n-k-ah-er
ToTie	legar	l-ay-g-ah-er
ToTie-Aptare	atar	ah-t-ah-er
ToSew	koser	k-oh-s-ay-er
ToCount	kontar	k-oh-n-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	deθir	d-ay-th-e-er
ToSing-AncestralClass	kantar	k-ah-n-t-ah-er
ToPlay-Ludere	ludir	l-u-d-e-er
ToPlay-Jiocare	xugar	xha-u-g-ah-er
ToFloat	flugtwar	f-l-u-g-t-w-ah-er
ToFlow	fluir	f-l-u-e-er
ToFlow-Colare	kolar	k-oh-l-ah-er
ToFlow-Excurrere	eskurir	ay-s-k-u-r-e-er
ToFlow-Currere	korer	k-oh-r-ay-er
ToFreeze	elar	ay-l-ah-er
ToSwell	aumentar	au_diphthong-m-ay-n-t-ah-er

Appendix 4 - Word Lists by Language

ToSwell-Inflare	intʃar	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-Flammare	flamear	f-l-ah-m-ay-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	muʃo	m-u-ts-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alguno	ah-l-g-u-n-oh
Few	poko	p-oh-k-oh
Other	otro	oh-t-er-oh
Big	mapo	m-ah-VdPalatalNasal-oh
Big-Grandem	grande	g-er-ah-n-d-ay
Long-Longum	longo	l-oh-n-g-oh
Long-Largum	laryo	l-ah-er-juh-oh
Wide	lato	l-ah-t-oh
Wide-Amplum	anyo	ah-n-ts-oh
Thick	graso	g-er-ah-s-oh
Thick-Spissum	espeso	ay-s-p-ay-s-oh
Thick-Gurdum	gordo	g-oh-er-d-oh
Heavy	grabe	g-er-ah-b-ay
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekepo	p-ay-k-ay-VdPalatalNasal-oh
Short	korto	k-oh-er-t-oh
Short-Brevis	brebe	b-er-ay-b-ay
Narrow	angosto	ah-n-g-oh-s-t-oh
Narrow-Strictus	estreʃo	ay-s-t-er-ay-ts-oh
Thin	menuado	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	leno	yuh-ay-n-oh
New	nweβo	n-w-ay-bb-oh
Old	bjexo	b-jg-ay-xha-oh
Good	bweno	b-w-ay-n-oh
Bad	malo	m-ah-l-oh
Rotten	poðriðo	p-oh-dd-er-e-dd-oh
Dirty	suθjo	s-u-th-jg-oh
Round	redondo	r-ay-d-oh-n-d-oh
SharpAsAKnife	ayudo	ah-juh-u-dd-oh
DullAsAKnife	sinfilo	s-e-n-f-e-l-oh
Smooth	liso	l-e-s-oh
Wet	moxaðo	m-oh-xha-ah-dd-oh
Dry	seko	s-ay-k-oh
Near	θerka	th-ay-er-k-ah
Far	lexos	l-ay-xha-oh-s
Right-Dextrem	djestro	d-jg-ay-s-t-er-oh
Right-Directus	dereʃo	d-ay-er-ay-ts-oh
Left	iθkjerða	e-th-k-jg-ay-er-dd-ah
Red	roxo	r-oh-xha-oh
Red-Vermiculus	bermexo	b-ay-er-m-ay-xha-oh
Red-Rubeus	rubjo	r-u-b-jg-oh

Appendix 4 - Word Lists by Language

Green	berde	b-ay-er-d-ay
Yellow-Amarellus	amarijo	ah-m-ah-er-e-VdPalatalFricative-oh
White	albo	ah-l-b-oh
Black	neyro	n-ay-juh-er-oh
Black-Pretto	prjeto	p-er-jg-ay-t-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
Where-Unde	onde	oh-n-d-ay
Where-DeUnde	donde	d-oh-n-d-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	komo	k-oh-m-oh
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	en	ay-n
With-Cum	kon	k-oh-n
And-Et	i	e
And-Si	si	s-e
If	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
They	lo:ro	l-O-r-oh
This	kwesto	k-w-ay-s-t-oh
That	kwello	k-w-ay-l-l-oh
YouSingular	tu	t-u
He	lu:i	l-U-e
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	spoza	s-p-euh-zz-ah
Wife-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Husband	marito	m-ah-r-e-t-oh
Husband-Sponsus	spoza	s-p-euh-zz-oh
Husband-Socius	soʎfo	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

Appendix 4 - Word Lists by Language

Bird-Avicellum	utʃello	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog	kane	k-ah-n-ay
Louse	pidokkjo	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-cr-oh
Forest	selva	s-ay-l-v-ah
Stick	palo	p-ah-l-oh
Fruit	frutto	f-r-u-t-t-oh
Seed	seme	s-ay-m-ay
Seed-Sementis	semente	s-ay-m-ay-n-t-ay
Seed-Granum	grano	g-r-ah-n-oh
Leaf	fɔʎʎa	f-euh-yuh-yuh-ah
Leaf-Frondea	fronza	f-r-oh-n-VdPalatoAlveolarAffricate-ah
Root-Radix	radi:ʃe	r-ah-d-E-ts-ay
BarkOfATree	kortifʃe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortetʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Skortea	skɔrtsa	s-k-euh-r-VlAlveolarSibilantAffricate-ah
Flower	fjo:re	f-jg-O-cr-ay
Grass	erba	eh-r-b-ah
Rope	fune	f-u-n-ay
Rope-Restis	resta	r-eh-s-t-ah
Skin	kotenna	k-oh-t-ay-n-n-ah
Skin-Pellis	pelle	p-ay-l-l-ay
Meat	karne	k-ah-r-n-ay
Meat-Vivenda	vivanda	v-e-v-ah-n-d-ah
Blood	sangwe	s-ah-n-g-w-ay
Bone	osso	euh-s-s-oh
FatNoun	adipe	ah-d-e-p-ay
Egg	wɔvo	w-euh-v-oh
Horn	kɔrno	k-euh-r-n-oh
Tail	koda	k-oh-d-ah
Feather	pjuma	p-jg-u-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kapello	k-ah-p-ay-l-l-oh
Head	kavettsa	k-ah-v-ay-t-t-s-ah
Head-Testa	testa	t-eh-s-t-ah
Ear	orekkja	oh-r-ay-k-k-jg-ah
Eye	okkjo	euh-k-k-jg-oh
Nose	na:so	n-A-s-oh
Nose-Nares	nariʃe	n-ah-r-e-ts-ay
Mouth	bokka	b-oh-k-k-ah
Mouth-Gula	gola	g-oh-l-ah
Tooth	dente	d-eh-n-t-ay
Fingernail	ungja	u-n-g-jg-ah
Foot	pje:de	p-jg-Eh-d-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	perno	p-eh-r-n-oh
Leg-Petiolus	pitʃolo	p-e-t-ts-euh-l-oh
Knee-Geniculum	dʒinokkjo	VdPalatoAlveolarSibilant-e-n-euh-k-k-jg-oh
Hand	ma:no	m-A-n-oh
Wing	ala	ah-l-ah
Belly-Pantex	panʃa	p-ah-n-ts-ah
Neck	kollo	k-oh-l-l-oh
Back	dosso	d-euh-s-s-oh

Appendix 4 - Word Lists by Language

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	tɛ:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	tɛ:nebre	t-Eh-n-ay-b-r-ay
Fog-Fumata	fuma:ta	f-u-m-A-t-ah
Sky	ʃɛlo	ts-eh-l-oh
Wind	vento	v-eh-n-t-oh
Snow	neve	n-ay-v-ay
Ice	dʒelo	VdPalatoAlveolarSibilant-eh-l-oh
Ice-Glacies	gʒatʃa	g-jg-ah-t-ts-ah
Smoke	fumo	f-u-m-oh
Fire-Focus	fwoko	f-w-euh-k-oh
Ash	ʃɛnere	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	montapɲa	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
ManMale	wo:mo	w-O-m-oh
ManHuman	wo:mo	w-O-m-oh
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	vomitare	v-oh-m-e-t-ah-er-ay

Appendix 4 - Word Lists by Language

ToBlow	soffjare	s-oh-f-f-jg-ah-er-ay
ToBreathe	respirare	r-ay-s-p-e-r-ah-er-ay
ToLaugh	ri:dere	r-E-d-ay-er-ay
ToSee	,vede:re	v-ay-d-ai-er-ay
ToHear	udi:re	u-d-E-er-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	konoʃʃere	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	utʃʃidere	u-t-ts-e-d-ay-er-ay
ToFight	punjare	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	battere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	kattjare	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	taʃʃa: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
ToStab	pundʒere	p-u-n-VdPalatoAlveolarSibilant-ay-r-ay
ToStab-Iugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	radere	r-ah-d-ay-r-ay
ToScratch-Rasare	rasare	r-ah-s-ah-r-ay
ToDig-Cavare	kavare	k-ah-v-ah-r-ay
ToDig-Excavare	skavare	s-k-ah-v-ah-r-ay
ToSwim	nwotare	n-w-oh-t-ah-er-ay
ToSwim-Navigare	navigare	n-ah-v-e-g-ah-r-ay
ToFly	volare	v-oh-l-ah-er-ay
ToFly-Exvolare	zvolare	zz-v-oh-l-ah-er-ay
ToWalk	kamminare	k-ah-m-m-e-n-ah-er-ay
ToWalk-Mergere	merdʒere	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-Iacere	dʒaʃʃe: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-Gyrare	dʒirare	VdPalatoAlveolarSibilant-e-r-ah-er-ay
ToTurnIntransitive-AncestralClass3	virare	v-e-r-ah-er-ay
ToTurnIntransitive-Torquere	torʃʃere	t-euh-r-ts-ay-r-ay
ToFall	kadere	k-ah-d-ay-er-ay

Appendix 4 - Word Lists by Language

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	strindgere	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	affugare	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	impindgere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToThrow	dgettare	VdPalatoAlveolarSibilant-ay-t-t-ah-r-ay
ToThrow-Lanceare	lanffare	l-ah-n-ts-ah-r-ay
ToThrow-Eruncare	arronffare	ah-r-r-oh-n-ts-ah-r-ay
ToTie	legare	l-ay-g-ah-r-ay
ToSew	kuffire	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
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	dzokare	VdPalatoAlveolarSibilant-oh-k-ah-r-ay
ToFloat	fluttuare	f-l-u-t-t-u-ah-r-ay
ToFloat-Fluitare	fluitare	f-l-u-e-t-ah-r-ay
ToFlow	fluire	f-l-u-e-r-ay
ToFlow-Colare	kolare	k-oh-l-ah-r-ay
ToFlow-Excurrere	skorrere	s-k-oh-r-r-ay-r-ay
ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze	dzelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay
ToFreeze-Glaciare	gjattffare	g-jg-ah-t-ts-jg-ah-r-ay
ToSwell	augmentare	au_diphthong-m-ay-n-t-ah-r-ay
ToSwell-Inflare	enfiare	ay-n-f-e-ah-r-ay
ToSwell-Conflare	gonffare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	krefffere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Brojan	bruuffare	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	infendjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-AncestralClass8	ustolare	u-s-t-oh-l-ah-r-ay
All	opni	oh-VdPalatalNasal-VdPalatalNasal-e
All-Totus	tutto	t-u-t-t-oh
Many	molto	m-oh-l-t-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alkuno	ah-l-k-u-n-oh
Few	poko	p-euh-k-oh
Other	altro	ah-l-t-r-oh
Big	mapno	m-ah-VdPalatalNasal-VdPalatalNasal-oh
Big-Grandem	grande	g-r-ah-n-d-ay
Long-Longum	lungo	l-u-n-g-oh
Long-Largum	largo	l-ah-r-g-oh
Wide	lato	l-ah-t-oh

Appendix 4 - Word Lists by Language

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	grave	g-r-eh-v-ay
Heavy-Lurdus	lordo	l-oh-r-d-oh
Small-Pittinus	pitjino	p-e-t-ts-e-n-oh
Small-Pitulus	pikkolo	p-e-k-k-oh-l-oh
Short	korto	k-oh-r-t-oh
Short-Brevis	breve	b-r-eh-v-ay
Narrow	angusto	ah-n-g-u-s-t-oh
Narrow-Strictus	stretto	s-t-r-ay-t-t-oh
Thin	minuto	m-e-n-u-t-oh
Thin-Delicatus	delikato	d-ay-l-e-k-ah-t-oh
Thin-Subtilis	sottile	s-oh-t-t-e-l-ay
Warm	kaldo	k-ah-l-d-oh
Cold	freddo	f-r-ay-d-d-oh
Cold-Recens	refente	r-ay-ts-eh-n-t-ay
Full	pje:~no	p-jg-Eh-n-oh
New	novo	n-euh-v-oh
Old	vek:~jo	v-eh-kk-jg-oh
Good	bwɔ:~no	b-w-LongOpenMidBackRounded-n-oh
Bad	malo	m-ah-l-oh
Rotten	marfo	m-ah-r-ts-oh
Dirty	sporko	s-p-euh-r-k-oh
Straight	dritto	d-r-e-t-t-oh
Round	ritondo	r-e-t-oh-n-d-oh
SharpAsAKnife	affila:~to	ah-f-f-e-l-A-t-oh
DullAsAKnife	zmussa:~to	zz-m-u-s-s-A-t-oh
Smooth	lijfo	l-e-shh-shh-oh
Wet	bajpa:~to	b-ah-VdPalatalNasal-VdPalatalNasal-A-t-oh
Dry	sekko	s-ay-k-k-oh
Correct	korretto	k-oh-r-r-ay-t-t-oh
Near	viŋi:~no	v-e-ts-E-n-oh
Far	lonta:~no	l-oh-n-t-A-n-oh
Right-Dextrem	destro	d-eh-s-t-r-oh
Right-Directus	destra	d-eh-s-t-r-ah
Left	sinistro	s-e-n-e-s-t-r-oh
Red	rosso	r-oh-s-s-oh
Red-Vermiculus	vermi~llo	v-ay-r-m-e-yuh-yuh-oh
Red-Rubeus	robbjo	r-euh-b-b-jg-oh
Green	verde	v-ay-r-d-ay
Yellow-Croceus	krof~eo	k-r-oh-ts-ay-oh
White	albo	ah-l-b-oh
Black	negro	n-ay-g-r-oh
One	uno	u-n-oh
Two-Duae	due	d-u-ay
Three	tre	t-r-ay
Four	kwattro	k-w-ah-t-t-r-oh
Five	ŋiŋkwe	ts-e-nya-k-w-ay
Here	kwi	k-w-e
There	la	l-ah
There-Ibi	vi	v-e
Who-Qui	ki	k-e
What	ke	k-ay
Where-Ubi	ove	oh-v-ay
Where-Unde	onde	oh-n-d-ay

Appendix 4 - Word Lists by Language

When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	kome	k-oh-m-ay
Not	non	n-oh-n
Not-Nec	ne	n-ay
At	a	ah
In-In	in	e-n
With-Cum	kon	k-oh-n
And-Et	e	ay
And-Si	si	s-e
If	se	s-ay
Because-Quod	ke	k-ay

Brazilian Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nojs	n-euh-jg-s
YouPlural	vɔjs	v-euh-jg-s
They	elis	ay-l-e-s
This	isu	e-s-u
That	akilu	ah-k-e-l-u
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-oh-s-ay
He	eli	ay-l-e
Woman	femeɐ	f-ay-m-ay-ahh
Woman-Mulier	muʎɐ	m-u-yuh-ay-rr
Woman-Domina	donɐ	d-oh-n-ahh
ManHumanBeing	omɛj	oh-m-nasal_diphthong_portuguese1
Child	ifɛjɪ	een-f-ahn-ts-e
Child-Ninnus	nenɛj	n-ay-n-nasal_diphthong_portuguese1
Wife	ispoza	e-s-p-oh-zz-ah
Wife-Mulier	muʎɐ	m-u-yuh-ay-rr
Husband	maridu	m-ah-er-e-d-u
Husband-Sponsus	ispozu	e-s-p-oh-zz-u
Mother	mɛj	m-nasal_diphthong_portuguese2
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bifɐ	b-e-shh-ahh
Fish-Piskem	pɛjɪ	p-ej_diphthong-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɐru	p-ah-s-ahh-er-u
Dog	kɛw̃	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛkɐɛjɪ	s-ay-rr-p-ehn-ts-e
Worm	vɛkmi	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	semɛjɪ	s-ay-m-ehn-ts-e
Seed-Granum	grɛw̃	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh
Leaf-Frondea	frɔsɐ	f-er-on-s-ahh
Root	kais	rr-ah-e-s
BarkOfATree	kɔkɪisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔkɪisɐ	k-oh-rr-ts-e-s-ahh

Appendix 4 - Word Lists by Language

Flower	flox	f-l-oh-rr
Grass	ekvə	ay-rr-v-ahh
Grass-Gramen	grēmə	g-er-ahn-m-ahh
Rope-Restis	ʁɛʃʃi	rr-eh-shh-ts-e
Skin	kodzjə	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peɫi	p-eh-l-e
Meat	kakni	k-ah-rr-n-e
Meat-Vivenda	vivēda	v-e-v-ehn-d-ah
Blood	səgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	grafə	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	koʁnu	k-oh-rr-n-u
Tail	kawdə	k-ah-w-d-ahh
Feather-Penna	pene	p-ay-n-ahh
Hair	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head	kabese	k-ah-b-ay-s-ahh
Head-Testa	testə	t-eh-s-t-ahh
Ear	orelə	oh-er-ay-yuh-ahh
Eye	oɫu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth	boke	b-oh-k-ahh
Tooth	dəʃʃi	d-ehn-ts-e
Fingernail	uɲə	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛkne	p-eh-rr-n-ahh
Knee-Geniculum	zueɫu	gzah-u-ay-yuh-u
Hand	mɛw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛsə	p-ahn-s-ahh
Guts	itrɛɲə	een-t-er-ahn-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ifpadwə	e-shh-p-ah-d-w-ahh
Breast	seju	s-ej_diphthong-u
Breast-Pectus	pɛjtu	p-ej_diphthong-t-u
Heart	kɔk	k-euh-rr
Heart-Anima	awmɛ	ah-w-m-ahh
Liver	figɛdu	f-e-g-ahh-d-u
Sun	sɔw	s-euh-w
Moon	luə	l-u-ahh
Star	istreɫə	e-s-t-er-ay-l-ahh
Water	agwə	ah-g-w-ahh
Rain	ʃuvə	shh-u-v-ahh
River	flumi	f-l-u-m-e
River-Rivus	ɾiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maʁ	m-ah-rr
Salt	saw	s-ah-w
Stone	sejfu	s-ej_diphthong-shh-u
Stone-Petra	pedrə	p-ay-d-er-ahh
Sand	arejə	ah-er-ej_diphthong-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	teʁə	t-ay-rr-ahh
Cloud	nuvɛj	n-u-v-nasal_diphthong_portuguese1
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u

Appendix 4 - Word Lists by Language

Fog	kalizẽj	k-ah-l-e-gzah-nasal_diphthong_portuguese1
Fog-Nebula	nevvr̥	n-eh-v-w-ahh
Fog-Fumata	fumas̥	f-u-m-ah-s-ahh
Sky	sẽw	s-eh-w
Wind	vẽtu	v-ehn-t-u
Snow	nev̥i	n-eh-v-e
Smoke	fumu	f-u-m-u
Fire-Focus	fogu	f-oh-g-u
Ash-Cinisia	sĩzẽʃ	s-een-zz-ahh-shh
Road	viẽ	v-e-ahh
Road-Strata	istrad̥	e-s-t-er-ah-d-ahh
Road-Camminus	kamĩnu	k-ah-m-een-VdPalatalNasal-u
Mountain	mõʃĩ	m-on-ts-e
Mountain-Montanea	mõtẽp̥	m-on-t-ahn-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diẽ	d-e-ahh
Day-Diurna	zõkna	gzah-euh-rr-n-ah
Year	ẽnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
ManMale	omẽj	oh-m-nasal_diphthong_portuguese1
ManHuman	omẽj	oh-m-nasal_diphthong_portuguese1
Tongue	liḡwẽ	l-een-g-w-ahh
ToDrink	bebeḡ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mẽzak̥	m-ahn-gzah-ah-rr
ToBite	moḡdeḡ	m-oh-rr-d-ay-rr
ToBite-Morsicare	mus̥aga	m-u-s-aah-g-ah
ToSuck	sug̥ḡ	s-u-g-ah-rr
ToSpit	kuspiḡ	k-u-s-p-e-rr
ToVomit	vumitaḡ	v-u-m-e-t-ah-rr
ToBlow	sopraḡ	s-oh-p-er-ah-rr
ToBreathe	ḡẽʃpiraḡ	rr-ay-shh-p-e-er-ah-er
ToLaugh	ḡiḡ	rr-e-rr
ToSee	veḡ	v-ay-rr
ToHear	o(w)viḡ	ooow-v-e-rr
ToKnow-Sapere	sabeḡ	s-ah-b-ay-rr
ToKnow-Cognoscere	ḡõpeseḡ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuzitaḡ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pẽsaḡ	p-ehn-s-ah-rr
ToSmell-Sentire	sẽtʃiḡ	s-ehn-VlAlveoloPalatalSibilantAffricate-e-rr
ToSmell-Fragrare	ʃejraḡ	shh-ej_diphthong-er-ah-rr
ToFear	temeḡ	t-ay-m-ay-rr
ToFear-Tremere	tremeḡ	t-er-ay-m-ay-rr
ToSleep	doḡmiḡ	d-oh-rr-m-e-rr
ToLive	viveḡ	v-e-v-ay-rr
ToDie	moḡeḡ	m-oh-rr-ay-rr
ToKill-Mactare	mataḡ	m-ah-t-ah-rr
ToFight-Battuere	bateḡ	b-ah-t-ay-rr
ToHunt-Captiare	kas̥ḡ	k-ah-s-ah-rr
ToHit	puf̥ḡ	p-u-shh-ah-rr
ToCut	seḡḡ	s-ay-g-ah-rr
ToCut-Curtare	ḡoḡtaḡ	k-oh-rr-t-ah-rr
ToCut-Taliare	taʎḡ	t-ah-yuh-ah-rr
ToSplit	ḡjivid̥ʃiḡ	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fẽdeḡ	f-ehn-d-ay-rr
ToSplit-Partire	paḡʃiḡ	p-ah-rr-ts-e-rr
ToSplit-Separare	separaḡ	s-ay-p-ah-er-ah-rr

Appendix 4 - Word Lists by Language

ToStab	pūzix	p-ooo-gzah-e-rr
ToScratch	ʁaɐɐ	rr-ah-ay-rr
ToScratch-Rasare	ʁazaɐ	rr-ah-zz-ah-rr
ToScratch-Rasicare	ʁaʃkaɐ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaɭ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	kɛvaɐ	k-ahh-v-ah-rr
ToDig-Excavare	ɨʃkɛvaɐ	e-shh-k-ahh-v-ah-rr
ToSwim	nadaɐ	n-ah-d-ah-rr
ToSwim-Navigare	naviʔaɐ	n-ah-v-eee-juh-ah-rr
ToFly	voaɐ	v-oh-ah-rr
ToWalk	kɛmɨnaɐ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ẽdaɐ	ahn-d-ah-rr
ToCome	viɐ	v-e-rr
ToLieAsInABed	istẽdeɐ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ʒɛzeɐ	gzah-ahh-zz-ay-rr
ToSit	sɛɐ	s-ay-rr
ToSit-Sedentare	sẽtar	s-ehn-t-ah-er
ToStand	ɨʃtar	eee-shh-t-ah-er
ToStand-Levare	levaɐ	l-ay-v-ah-rr
ToStand-Altiare	aʃsa	ah-ssha-s-ah
ToTurnIntransitive	toɐnaɐ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrate	ʒiraɐ	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	viɐaɐ	v-e-er-ah-er
ToTurnIntransitive-Torque	turser	t-u-r-s-ay-r
ToFall	kɛiɐ	k-ahh-e-er
ToFall-Tumbare	tõbaɐ	t-on-b-ah-rr
ToGive	daɐ	d-ah-rr
ToGive-Donare	doa	d-oh-ah
ToHold	teɐ	t-ay-rr
ToHold-Segurar	siguraɐ	s-eee-g-u-er-ah-rr
ToSqueeze	ɨʃpɾɛmeɐ	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	sɛɐa	s-ay-rr-ah
ToSqueeze-Serare	siɐaɐ	s-eee-rr-ah-er
ToSqueeze-Appetorare	ɛpiɐtaɐ	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	ɔʃtriʒiɐ	aah-shh-t-r-ehn-gzah-e-r
ToRub-Exfricare	ɨʃfriɐaɐ	eee-shh-f-er-eee-g-ah-er
ToWash	lɛvaɐ	l-ahh-v-ah-er
ToWipe-Exsucare	ẽʃugaɐ	ehn-shh-u-g-ah-er
ToWipe-Limpidare	liɐaɐ	l-ehn-p-ah-er
ToPull	ʃiɐa	ts-e-er-ah
ToPull-Pulsare	puʃaɐ	p-u-shh-ah-er
ToPull-Trahare	traze	t-er-ah-zz-ay
ToThrow	ʒɛjtaɐ	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	lɛsa	l-ahn-s-ah
ToTie-Aptare	ɛtaɐ	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kõtaɐ	k-on-t-ah-er
ToCount-Enumerare	enumeraɐ	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kẽtaɐ	k-ahn-t-ah-er
ToPlay-Jiocare	ʒogaɐ	gzah-oh-g-ah-rr
ToFloat	flutuɐ	f-l-u-t-u-ah-rr
ToFlow	flwiɐ	f-l-w-e-rr
ToFlow-Colare	koɐ	k-oh-ah-rr
ToFlow-Excurrere	ɨʃkoɐɐ	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	koɐɐ	k-oh-rr-ay-rr
ToFreeze	ʒilaɐ	gzah-eee-l-ah-er

Appendix 4 - Word Lists by Language

ToSwell	augmentar	au_diphthong-g-m-ay-n-t-ah-er
ToSwell-Inflare	ĩfar	een-shh-ah-er
ToSwell-Intumescere	ĩtumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kresek	k-er-ay-s-ay-rr
ToBurn-Cremare	kejmare	k-diphthong_portuguese-m-ah-er-ay
ToBurn-Ardere	akdek	ah-rr-d-ay-rr
ToBurn-Flagrare	flagkak	f-l-ah-g-rr-ah-rr
ToBurn-Incendere	ĩsendziar	een-s-ay-n-VdPalatoAlveolarSibilant-NearCloseFrontUnrounded-ah-er
All-Totus	todu	t-oh-d-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	tetu	t-ahn-t-u
Some	awgũ	ah-w-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aw	ah-w
Big-Grandem	grẽdʒi	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lõgu	l-on-g-u
Long-Largum	laɣgu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ẽfu	ahn-shh-u
Thick-Spissum	espesu	ay-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	brevi	b-er-eh-v-e
Narrow-Strictus	istrejtu	e-s-t-er-ej_diphthong-t-u
Thin	miudu	m-e-u-d-u
Thin-Delicatus	dewgadu	d-ay-w-g-ah-d-u
Thin-Subtilis	suʃiʷ	s-u-ts-e-w
Warm	kawdu	k-ah-w-d-u
Cold	friu	f-er-e-u
Cold-Recens	kesẽʃi	rr-ay-s-ehn-ts-e
Full	ʃeju	shh-diphthong_portuguese-u
New	novu	n-oh-v-u
Old	veʎu	v-ay-yuh-u
Good	bõ	b-on
Bad	maw	m-ah-w
Rotten	podri	p-oh-d-er-eee
Dirty	suʒu	s-u-gzah-u
Round	kedõdu	rr-ay-d-on-d-u
SharpAsAKnife	ẽfiadu	ahh-f-e-ah-d-u
DullAsAKnife	sequ	s-ay-g-u
Smooth	lizu	l-e-zz-u
Wet	umidu	u-m-e-d-u
Dry	seku	s-ay-k-u
Near	pektu	p-ay-rr-t-u
Far	lõʒi	l-on-gzah-e
Right-Dextrem	destru	d-eh-s-t-er-u
Right-Directus	direjtẽ	d-e-er-diphthong_portuguese-t-ahh
Left	ĩʃkerðe	eee-shh-k-ay-er-dd-ahh
Red	koʃu	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	vekmeʎu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ẽmareʎu	ahh-m-ah-er-eh-l-u

Appendix 4 - Word Lists by Language

White	awvu	ah-w-v-u
Black	negru	n-ay-g-er-u
Black-Pretto	pretu	p-er-ay-t-u
One	ũ	ooo
Two-Duos	dojs	d-oj_diphthong-s
Two-Duas	dues	d-u-ahh-s
Three	tres	t-er-ay-s
Four	kwatru	k-w-ah-t-er-u
Five	siku	s-een-k-u
Here	aki	ah-k-e
There	la	l-ah
There-Adlbi	ai	ah-e
Who-Quem	kěj	k-nasal_diphthong_portuguese1
What	ki	k-e
Where-Unde	õdʒi	on-VdPalatoAlveolarSibilant-e
When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw	n-au_diphthong_nasal
Not-Nec	něj	n-nasal_diphthong_portuguese1
At	a	ah
In-In	ěj	nasal_diphthong_portuguese1
With-Cum	kõ	k-on
And-Et	i	e
And-Si	sĩ	s-een
If	si	s-e
Because-Quod	ki	k-e

Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	noʃ	n-euh-shh
YouPlural	voʃ	v-oh-shh
They	eliʃ	ay-l-eee-shh
This	ĩʃtu	e-shh-t-u
That	ẽkĩlu	ahh-k-e-l-u
YouSingular	tu	t-u
YouSingular-VostramMercedem	võse	v-euh-s-ay
He	eli	ay-l-eee
Woman	femjẽ	f-ay-m-jg-ahh
Woman-Mulier	muʎer	m-u-yuh-ay-er
Woman-Domina	donẽ	d-oh-n-ahh
ManHumanBeing	õměj	euh-m-nasal_diphthong_portuguese1
Child	ĩfẽti	een-f-ahn-t-eee
Child-Ninnus	neněj	n-ay-n-nasal_diphthong_portuguese1
Wife	ĩʃpozẽ	eee-shh-p-oh-zz-ahh
Wife-Mulier	muʎer	m-u-yuh-ay-er
Husband	mẽriðu	m-ahh-er-e-dd-u
Husband-Sponsus	ĩʃpozu	eee-shh-p-oh-zz-u
Mother	měj	m-nasal_diphthong_portuguese2
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃẽ	b-e-shh-ahh
Fish-Piskem	peĩʃi	p-diphthong_portuguese-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasẽru	p-ah-s-ahh-er-u

Appendix 4 - Word Lists by Language

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	seʎve	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frutē	f-er-u-t-ahh
Seed-Sementis	simēti	s-eee-m-ehn-t-eee
Seed-Granum	grēw	g-er-au_diphthong_nasal
Leaf	foʎe	f-oh-yuh-ahh
Leaf-Frondea	frōse	f-er-on-s-ahh
Root	ʁeif	rr-ahh-e-shh
BarkOfATree	kōrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtise	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	erʁe	eh-er-v-ahh
Grass-Gramen	grēmē	g-er-ahh-m-ahh
Rope-Restis	ʁeʎti	rr-ay-shh-t-eee
Skin	kodie	k-oh-d-e-ahh
Skin-Pellis	peʎi	p-ay-l-eee
Meat	karni	k-ah-er-n-eee
Meat-Vivenda	vivēde	v-e-v-ehn-d-ahh
Blood	sēgi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun-Crassia	grafe	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kornu	k-oh-er-n-u
Tail	kawde	k-ah-w-d-ahh
Feather-Penna	penē	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	kēβelu	k-ahh-bb-ay-l-u
Head	kēβese	k-ahh-bb-ay-s-ahh
Head-Testa	tēʎtē	t-eh-shh-t-ahh
Ear	orejʎe	oh-er-diphthong_portuguese-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	nērif	n-ahh-er-e-shh
Mouth	boke	b-oh-k-ahh
Tooth	dēti	d-ehn-t-eee
Fingernail	upē	u-VdPalatalNasal-ahh
Foot	pē	p-eh
Leg-Perna	pēmē	p-eh-er-n-ahh
Knee-Geniculum	zʁeʎu	gzah-w-ahh-yuh-u
Hand	mēw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pēsē	p-ahn-s-ahh
Guts	ētrejē	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	kolu	k-euh-l-u
Back-Spatula	ifpadwē	e-shh-p-ah-d-w-ahh
Breast	sēju	s-diphthong_portuguese-u
Breast-Pectus	pējtu	p-diphthong_portuguese-t-u
Heart	kor	k-oh-er
Heart-Anima	almē	ah-l-m-ahh
Liver	fiyēdu	f-e-juh-ahh-dd-u
Sun	soʎ	s-euh-ssha
Moon	luē	l-u-ahh
Star	iftreʎe	eee-shh-t-er-ay-l-ahh

Appendix 4 - Word Lists by Language

Water	agwɐ	ah-g-w-ahh
Rain	ʃuvɐ	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	ɤiu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sɛjʃu	s-diphthong_portuguese-shh-u
Stone-Petra	pɛðrɐ	p-eh-dd-er-ahh
Sand	ɐrɛjɐ	ahh-er-diphthong_portuguese-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	tɛkɐ	t-eh-rr-ahh
Cloud	nuvẽj	n-u-v-nasal_diphthong_portuguese2
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kɛliʒẽj	k-ahh-l-e-gzah-nasal_diphthong_portuguese2
Fog-Nebula	nevɰɐ	n-eh-v-w-ahh
Fog-Tenebras	trɛvɛʃ	t-er-eh-v-ahh-shh
Fog-Fumata	fumasɐ	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vẽtu	v-ehn-t-u
Snow	nevɪ	n-eh-v-eee
Smoke	fumu	f-u-m-u
Fire-Focus	foɣu	f-oh-juh-u
Ash-Cinisia	sizɛʃ	s-een-zz-ahh-shh
Road	viɐ	v-e-ahh
Road-Strata	ɪʃtraðɐ	e-shh-t-er-ah-dd-ahh
Road-Camminus	kɛmɪnu	k-ahh-m-e-VdPalatalNasal-u
Mountain	mõti	m-on-t-eee
Mountain-Montanea	mõtɛɲɐ	m-on-t-ahh-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diɐ	d-e-ahh
Day-Diurna	ʒɔkna	gzah-euh-rr-n-ah
Year	ɐnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
ManMale	omẽj	oh-m-nasal_diphthong_portuguese1
ManHuman	omẽj	oh-m-nasal_diphthong_portuguese1
Tongue	liɣwɐ	l-een-g-w-ahh
ToDrink	biʃɐr	b-eee-bb-ay-er
ToEat	kumer	k-u-m-ay-er
ToEat-Manducare	mẽzar	m-ahn-gzah-ah-er
ToBite	murðɐr	m-u-er-dd-ay-er
ToBite-Morsicare	musəɣar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	kuʃpir	k-u-shh-p-e-er
ToVomit	vumitar	v-u-m-e-t-ah-er
ToBlow	suprar	s-u-p-er-ah-er
ToBreathe	ɤiʃpirar	rr-eee-shh-p-e-er-ah-er
ToLaugh	ɤir	rr-e-er
ToSee	ver	v-ay-er
ToHear	ovir	oh-v-e-er
ToKnow-Sapere	sɛbɐr	s-ahh-b-ay-er
ToKnow-Cognoscere	kuniser	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	kuʒitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	pɛsar	p-ehn-s-ah-er
ToSmell-Sentire	sɛtir	s-ehn-t-e-er
ToSmell-Fragrare	ʃɛjrar	shh-diphthong_portuguese-er-ah-er

Appendix 4 - Word Lists by Language

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	puſar	p-u-shh-ah-er
ToCut	siyar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	teſar	t-ahh-yuh-ah-er
ToSplit	diviðir	d-e-v-e-dd-e-er
ToSplit-Findere	fēder	f-ehn-d-ay-er
ToSplit-Partire	pertir	p-ahh-er-t-e-er
ToSplit-Separare	siperar	s-eee-p-ahh-er-ah-er
ToStab	pūzir	p-ooo-gzah-e-er
ToScratch	æver	rr-ahh-ay-er
ToScratch-Rasare	æzar	rr-ahh-zz-ah-er
ToScratch-Rasicare	æjkar	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	kavar	k-ahh-v-ah-er
ToDig-Excavare	ijkavar	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	kemijar	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	zəzer	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	alsar	ah-ssh-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-Torque	turser	t-u-r-s-ay-r
ToFall	kəir	k-ahh-e-er
ToFall-Tumbare	tōbar	t-on-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	duar	d-u-ah-er
ToHold	ter	t-ay-er
ToHold-Segurar	siyurar	s-eee-juh-u-er-ah-er
ToSqueeze	ifprəmer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sərar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sirar	s-eee-rr-ah-er
ToSqueeze-Appetorare	epirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əſtrīzir	aah-shh-t-r-eeen-gzah-e-r
ToRub-Exfricare	iffriyar	eee-shh-f-er-eee-juh-ah-er
ToWash	levar	l-ahh-v-ah-er
ToWipe-Exsucare	ēſuyar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	lipar	l-eeen-p-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	puſar	p-u-shh-ah-er

Appendix 4 - Word Lists by Language

ToPull-Trahere	trezer	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	lesar	l-ahn-s-ah-er
ToTie-Aptare	etar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kōtar	k-on-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kētar	k-ahn-t-ah-er
ToPlay-Jiocare	zuyar	gzah-u-juh-ah-er
ToFloat	flutuar	f-l-u-t-u-ah-er
ToFlow	flwir	f-l-w-e-er
ToFlow-Colare	kuar	k-u-ah-er
ToFlow-Excurrere	ijkurer	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kuwer	k-u-rr-ay-er
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	augmentar	au_diphthong-g-m-ay-n-t-ah-er
ToSwell-Inflare	īfar	een-shh-ah-er
ToSwell-Intumescere	ītumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriřser	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmake	k-ej_diphthong-m-ah-rr-ay
ToBurn-Ardere	erder	ahh-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	īsēdjar	een-s-ehn-d-jg-ah-er
All-Totus	tođu	t-oh-dd-u
Many	mūjtu	m-ooo-jn-t-u
Many-Tantus	tētū	t-ahn-t-u
Some	algū	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	ał	ah-ssha
Big-Grandem	grēdi	g-er-ahn-d-eee
Long-Longum	lōgu	l-on-g-u
Long-Largum	largu	l-ah-er-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ēfu	ahn-shh-u
Thick	grafu	g-er-ah-shh-u
Thick-Spissum	īřpesu	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	īřtrejtu	eee-shh-t-er-diphthong_portuguese-t-u
Thin	miuđu	m-e-u-dd-u
Thin-Delicatus	deřyađu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	suřřw	s-u-ts-e-w
Warm	kaldū	k-ah-l-d-u
Cold	friu	f-er-e-u
Cold-Recens	kesēřř	rr-ay-s-ehn-ts-e
Full	řeju	shh-diphthong_portuguese-u
New	novu	n-oh-v-u
Old	vełu	v-ay-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w
Rotten	podri	p-oh-d-er-eee

Appendix 4 - Word Lists by Language

Dirty	suʒu	s-u-gzah-u
Round	ʁidõdu	rr-eee-d-on-d-u
SharpAsAKnife	ɐfiadu	ahh-f-e-ah-d-u
DullAsAKnife	seɣu	s-ay-juh-u
Smooth	lizu	l-e-zz-u
Wet	umiðu	u-m-e-dd-u
Dry	seku	s-ay-k-u
Near	pertu	p-ay-er-t-u
Far	lõʒi	l-on-gzah-eee
Right-Dextrem	deʃtru	d-eh-shh-t-er-u
Right-Directus	direjtɐ	d-e-r-diphthong_portuguese-t-ahh
Left	ifkerðɐ	eee-shh-k-ay-er-dd-ahh
Red	ʁoʃu	rr-oh-shh-u
Red-Vermiculus	virmeɣlu	v-eee-er-m-diphthong_portuguese-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɐmɐɾɛlu	ahh-m-ahh-er-eh-l-u
White	alvu	ah-l-v-u
Black	negru	n-ay-g-er-u
Black-Pretto	pretu	p-er-ay-t-u
One	ũ	ooo
Two-Duos	doɣʃ	d-oj_diphthong-shh
Two-Duas	duɐʃ	d-u-ahh-shh
Three	treɣʃ	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	kẽj	k-nasal_diphthong_portuguese2
What	ki	k-eee
Where-Ubi	u	u
Where-Unde	õdi	on-d-eee
When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw	n-au_diphthong_nasal
Not-Nec	nẽj	n-nasal_diphthong_portuguese2
At	ɐ	ahh
In-In	ẽj	nasal_diphthong_portuguese2
With-Cum	kõ	k-on
And-Et	i	e
And-Si	sĩ	s-een
If	si	s-eee
Because-Quod	ki	k-eee

Catalan

Cognate	IPA	Sounds
I	ʒo	gzah-euh
YouPlural	bus	b-u-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	voste	v-oh-s-t-ay
Woman	fembra	f-ay-m-b-er-ah
Woman-Mulier	mulɛ	m-u-yuh-ay
Woman-Domina	dõnɐ	d-euh-n-aah
ManHumanBeing	õmɐ	euh-m-aah

Appendix 4 - Word Lists by Language

Child-Ninnus	nen	n-ay-n
Wife	əspəzə	aah-s-p-euh-zz-aah
Wife-Mulier	muʎe	m-u-yuh-ay
Husband	marit	m-ah-er-e-t
Husband-Sponsus	əspəs	aah-s-p-euh-s
Mother	marə	m-ah-er-aah
Father	parə	p-ah-er-aah
Fish-Piskem	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	ərɛl	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	grɛʃ	g-er-ay-shh
Egg	ɔw	euh-w
Horn	kɔrn	k-euh-r-n
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	pɛpə	p-eh-VdPalatalNasal-aah
Hair	pɛl	p-eh-l
Hair-Capillus	kəbɛʎ	k-aah-b-eh-yuh
Head	kap	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	urɛʎə	u-er-eh-yuh-aah
Nose	nas	n-ah-s
Nose-Nares	na:ris	n-A-r-NearCloseFrontUnrounded-s
Mouth	bokə	b-oh-k-aah
Mouth-Gula	golə	g-oh-l-aah
Foot	pɛw	p-eh-w
Leg-Gamba	kambə	k-ah-m-b-aah
Leg-Perna	pɛrnə	p-eh-r-n-aah
Knee-Geniculum	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	kɔʎ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaʎʎə	aah-s-p-ah-yuh-yuh-aah

Appendix 4 - Word Lists by Language

Breast	si	s-e
Breast-Pectus	pit	p-e-t
Heart	kər	k-euh-r
Liver	fedʒə	f-ay-VdPalatoAlveolarSibilant-aah
Sun	səl	s-euh-l
Moon	ʎunə	yuh-u-n-aah
Star	əstəl	aah-s-t-eh-l
Water	ajɣwə	aj_diphthong-juh-w-aah
Rain	pluzə	p-l-u-gzah-aah
River-Rivus	riw	r-e-w
Lake	ʎak	yuh-ah-k
Sea	mar	m-ah-r
Salt	sal	s-ah-l
Stone-Petra	peðrə	p-ay-dd-cr-aah
Sand	ərenə	aah-er-ay-n-aah
Sand-Sabulum	sorə	s-oh-r-aah
Dust-Pulwus	pols	p-oh-l-s
Earth	terə	t-eh-r-aah
Cloud-Secondary	nuβul	n-u-bb-u-ssha
Fog-Nebula	newlə	n-ay-w-l-aah
Fog-Tenebras	tənebrəs	t-aah-n-ay-b-er-aah-s
Sky	səl	s-eh-l
Wind	ben	b-ay-n
Snow	new	n-ay-w
Ice	ʒeɪ	gzah-ch-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	aj	ah-VdPalatalNasal
Name-Nomen	nɔm	n-euh-m
ManMale	ɔmə	euh-m-aah
ToDrink	bewrə	b-eh-w-er-aah
ToEat-Manducare	məɾʒa	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəɣa	m-u-s-aah-juh-ah
ToSpit-Exconspuere	əskupi	aah-s-k-u-p-e
ToVomit	bumita	b-u-m-e-t-ah
ToBreathe	rəspira	r-aah-s-p-e-r-ah
ToLaugh	riwrə	r-e-w-er-aah
ToSee	bewrə	b-eh-w-er-aah
ToHear	səŋʈi	s-aah-VdApicalDentalNasalStop-t-e
ToKnow-Sapere	səβe	s-aah-bb-eh
ToKnow-Cognoscere	kunɛʃə	k-u-n-eh-shh-aah
ToThink	kujda	k-u-jg-d-ah
ToThink-Pensare	pənsa	p-aah-n-s-ah
ToSmell-Sentire	sənti	s-aah-n-t-e
ToSmell-Olere	ulura	u-l-u-er-ah
ToSmell-Fragrare	fləjra	f-l-aah-jg-er-ah
ToFear	temə	t-ay-m-aah
ToSleep	durmi	d-u-r-m-e

Appendix 4 - Word Lists by Language

ToLive	biwrə	b-e-w-er-aah
ToDie	muri	m-u-er-e
ToKill	nəga	n-aah-g-ah
ToKill-Mactare	məta	m-aah-t-ah
ToKill-Occidere	uksi	u-k-s-e
ToFight	pupa	p-u-VdPalatalNasal-ah
ToFight-Battuere	batrə	b-ah-t-er-aah
ToHunt-Captiare	kəsa	k-aah-s-ah
ToCut	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	pərti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab	pupi	p-u-VdPalatalNasal-e
ToScratch	rawrə	r-ah-w-er-aah
ToScratch-Rasare	rəza	r-aah-zz-ah
ToScratch-Rasicare	raska	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-Torquere	tərsə	t-euh-r-s-aah
ToFall	kawrə	k-ah-w-r-aah
ToFall-Tumbare	tumba	t-u-m-b-ah
ToGive	dar	d-ah-r
ToGive-Donare	duna	d-u-n-ah
ToHold	təni	t-aah-n-e
ToSqueeze	əspremə	aah-s-p-er-ay-m-aah
ToSqueeze-Serrere	səra	s-aah-r-ah
ToSqueeze-Stringere	əstreɲə	aah-s-t-er-eh-VdPalatalNasal-aah
ToRub	frəga	f-er-aah-g-ah
ToRub-Frictiare	frəsa	f-er-aah-s-ah
ToWash	ləba	yuh-aah-b-ah
ToWipe-Extergere	əstərzi	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	əfuga	aah-shh-u-g-ah
ToPull	tira	t-e-er-ah
ToPull-Trahere	təwrə	t-er-eh-w-er-aah
ToPush	əmpɛɲə	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	lənsa	yuh-aah-n-s-ah
ToTie	liya	yuh-e-juh-ah
ToSew	kuzi	k-u-zz-e
ToCount	kumta	k-u-m-t-ah
ToCount-Enumerare	enumera	ay-n-u-m-ay-er-ah
ToSay	di	d-e
ToSing-AncestralClass	kənta	k-aah-n-t-ah

Appendix 4 - Word Lists by Language

ToPlay-Jiocare	zuga	gzah-u-g-ah
ToFloat	fluktua	f-l-u-k-t-u-ah
ToFlow	flui	f-l-u-e
ToFlow-Colare	kula	k-u-ssha-ah
ToFlow-Excurrere	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	ənsendə	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	əlqu	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	loŋ	yuh-oh-nya
Long-Largum	lark	yuh-ah-er-k
Wide-Amplum	amplə	ah-m-p-l-aah
Thick	gras	g-er-ah-s
Thick-Spissum	əspəs	aah-s-p-eh-s
Thick-Grossum	grəs	g-er-euh-s
Heavy	grew	g-er-ay-w
Small	pətit	p-aah-t-e-t
Short	kurt	k-u-er-t
Short-Brevis	brew	b-er-ay-w
Narrow-Strictus	əstrət	aah-s-t-er-eh-t
Thin	mənut	m-aah-n-u-t
Thin-Delicatus	dəlikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Warm	kał	k-ah-ssha
Cold	frət	f-er-eh-t
Full	płe	p-ssha-eh
New	nəw	n-euh-w
Old	bεł	b-eh-yuh
Good	bən	b-euh-n
Bad	mal	m-ah-l
Rotten	puðrit	p-u-dd-er-e-t
Dirty	brut	b-er-u-t
Straight	drət	d-er-eh-t
Round	rədo	r-aah-d-oh
SharpAsAKnife	əfilat	aah-f-e-l-ah-t
Smooth	łis	yuh-e-s
Wet	mułat	m-u-yuh-ah-t
Dry	sek	s-eh-k
Near	əprəp	aah-p-er-euh-p
Far	łup	yuh-u-VdPalatalNasal
Right-Dextrem	destrə	d-ay-s-t-er-aah
Right-Directus	drət	d-er-eh-t
Left	əskərə	aah-s-k-eh-r-aah
Red	ros	r-oh-s
Red-Vermiculus	bərmeł	b-aah-r-m-eh-yuh

Appendix 4 - Word Lists by Language

Red-Rubeus	rudʒe	r-u-VdPalatoAlveolarSibilant-ay
Green	vɛrt	v-eh-er-t
Yellow-Croceus	grɔk	g-er-euh-k
White	alb	ah-l-b
Black	nɛyrə	n-eh-juh-er-aah
One	un	u-n
Two-Duos	dos	d-oh-s
Three	tɹɛs	t-r-eh-s
Four	kwatrə	k-w-ah-t-er-aah
Five	siŋk	s-e-nya-k
Here	aki	ah-k-e
There	əʎa	aah-yuh-ah
Who-Qui	ki	k-e
What	kɛ	k-eh
Where-Unde	on	oh-n
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
If	si	s-e
Because-Quod	kə	k-aah

Walloon

Cognate	IPA	Sounds
I	dʒɪ	VdPalatoAlveolarSibilant-NearCloseFrontUnrounded
We	no	n-oh
YouPlural	vos	v-oh-s
YouSingular	ty	t-eeh
Woman	fœm	f-OpenMidNearFrontRounded-m
Woman-Domina	dœm	d-OpenMidNearFrontRounded-m
ManHumanBeing	ɔm	euh-m
Child	ɛf̃	eh-f-NasalA
Mother	mer	m-ay-VIUvularTrill
Father	pɛ:r	p-Eh-r
Fish-Pescion	pehō	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	flø:ɤ	f-l-o-rr
Grass	jɛp	jg-eh-p
Skin-Pellis	pja	p-jg-ah

Appendix 4 - Word Lists by Language

Meat	ʃɔ:	ts-LongOpenMidBackRounded
Blood	sɔ:g	s-LongCloseMidBackRoundedNasal-g
Bone	ɔʃ	euh-shh
FatNoun-Crassia	kɾɔ:ç	k-VIUvularTrill-LongOpenMidBackRounded-sh
Egg	u:	U
Horn	kwɛn	k-w-eh-n
Tail	kɔw	k-euh-w
Feather	plɔm	p-l-euh-m
Feather-Penna	pen	p-ay-n
Hair-Capillus	ʃivja	ts-e-v-jg-ah
Head-Testa	ʃɛs	ts-eh-s
Ear	ɔɾaj	euh-VIUvularTrill-aj_diphthong
Eye	u:j	U-jg
Nose	ne	n-ay
Mouth	bɔk	b-euh-k
Mouth-Gula	gø:j	g-o-jg
Tooth	dɛ	d-ehn
Fingernail	ɔg	on-g
Foot	pi:	p-E
Leg-Gamba	dʒãp	VdPalatoAlveolarSibilant-an-p
Knee-Geniculum	dʒino	VdPalatoAlveolarSibilant-e-n-euh
Hand	mɛ	m-ehn
Wing	el	ay-l
Belly	vɛt	v-ehnn-t
Belly-Pantex	pãs	p-an-s
Back	dɔ	d-euh
Back-Spatula	spal	s-p-ah-l
Heart	ku:ɾ	k-U-rr
Heart-Anima	ɔ:m	LongOpenMidBackRounded-m
Liver	fø:t	f-o-t
Sun	sɔlɔ	s-euh-l-euh
Moon	lɔn	l-uu-n
Star	stø:l	s-t-o-l
Water	ɛ:w	Eh-w
Rain	plu:ɾ	p-l-U-rr
River-Riparia	rivi:ɾ	r-e-v-E-rr
Lake	lak	l-ah-k
Sea	meɾ	m-ay-rr
Salt	se	s-ay
Stone-Petra	pi:ɾ	p-E-rr
Sand-Sabulum	so:vjɔ	s-O-v-jg-on
Earth	tɛ:ɾ	t-Eh-rr
Sky	si:ɾ	s-E-rr
Wind	vɛ	v-ehn
Snow	ni:f	n-E-f
Ice-Glacies	glɛs	g-l-eh-s
Fire-Focus	fø:	f-o
Ash	sɛ:d	s-LongNasalE-d
Mountain-Montanea	mõtɔn	m-on-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	dʒu:	VdPalatoAlveolarSibilant-U
Day-Diurnus	dʒu:	VdPalatoAlveolarSibilant-U
Year	ã	NasalA
Name-Nomen	nɔ	n-on
Tongue	lɛu	l-eu_nasalized_diphthong
ToDrink	bø:ɾ	b-o-rr
ToEat-Manducare	mapi:	m-ah-VdPalatalNasal-E

Appendix 4 - Word Lists by Language

ToSuck	sysi:	s-eeh-s-E
ToVomit	vo:'mi	v-O-m-e
ToBreathe	ʁɛspɪkɛ	rr-eh-s-p-e-rr-ay
ToLaugh	ʁi:ʁ	rr-E-rr
ToSee	vɛ'ji:	v-eh-jg-E
ToHear	ɔ'ji:	euh-jg-E
ToKnow-Sapere	savø:R	s-ah-v-o-VIUvularTrill
ToKnow-Cognoscere	kinɔh	k-e-n-euh-h
ToThink-Pensare	pɛsɛ	p-ehnn-s-ay
ToSmell-Sentire	sɛti	s-ehnn-t-e
ToSleep	dwaʁmi	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
ToDig-Cavare	ʧa:vle	sh-aay-v-l-ay
ToSwim-Navigare	nɛdʒi:	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vɔle	v-euh-l-ay
ToWalk	ʃimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:Rʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-lacere	dʒere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	ɛs	eh-s
ToStand-Levare	lɔve	l-aah-v-ay
ToStand-Altiare	hɔ:si:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:me	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	vɪkɛ	v-e-rr-ay
ToFall	ʃɛ:R	ts-Eh-VIUvularTrill
ToFall-Tumbare	tume	t-u-m-ay
ToGive-Donare	dine	d-e-n-ay
ToHold	tini	t-e-n-e
ToSqueeze-Serare	sɛre	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-g-ay
ToRub	froj	f-r-ɔj_diphthong
ToRub-Frictare	fʁɔte	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	kø:z	k-o-zz
ToCount	kɔte	k-on-t-ay
ToSay	di:ʁ	d-E-rr
ToSing-AncestralClass	ʃãte	ts-NasalA-t-ay
ToPlay-Jiocare	dʒuwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	kɔle	k-euh-l-ay
ToFreeze	dʒale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell-Inflare	ɛfle	ehn-f-l-ay
ToSwell-Conflare	gɔfle	g-on-f-l-ay
ToBurn-Brojan	bʁu:le	b-rr-U-l-ay
All-Totus	tɔ	t-euh
Few	pɔ	p-on

Appendix 4 - Word Lists by Language

Other	õt	on-t
Big-Grandem	gʁã	g-rr-NasalA
Long-Longum	lõ	l-on
Thick-Spissum	spe	s-p-eh
Heavy	grav	g-r-ah-v
Small	piti	p-e-t-e
Short	ku:ʁ	k-U-rr
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	ʃõ	ts-on
Cold	fɾwɛ	f-VIUvularTrill-w-eh
Full	plẽ	p-l-ehn
New	nɔvɛ	n-euh-v-eh
Old	vi:	v-E
Good	bõ	b-on
Bad	mɔ:	m-LongOpenMidBackRounded
Rotten	pu:'ʁi	p-U-rr-e
Dirty	mo:si:	m-O-s-E
Straight	drø:	d-r-o
Round	rõ	r-on
SharpAsAKnife	kʁa'hã	k-ohh-ah-h-an
Smooth	lis	l-e-s
Wet	mu'ji:	m-u-jg-E
Dry	sɛʃ	s-eh-ts
Near	pɾɛ	p-r-eh
Far	lõ	l-on
Right-Directus	drø:t	d-r-o-t
Left	go:ʃ	g-O-shh
Red-Rubeus	rɔʃ	r-euh-ts
Green	vɛʁ	v-eh-rr
Yellow	dʒɛn	VdPalatoAlveolarSibilant-eh-n
Black	nø:ʁ	n-o-rr
One	õ	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	kɔmẽ	k-euh-m-ehnn
Not	nõ	n-oon
Not-Nec	nẽ	n-ehn
With-Abhoc	avu	ah-v-u
And-Et	ɛ	eh
And-Si	si	s-e
If	si	s-e
Because-Quod	ki:	k-E

Friulian

Cognate	IPA	Sounds
l	jo	jg-oh

Appendix 4 - Word Lists by Language

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
Bird-Avicellum	ufjɛl	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	semenʃɛ	s-ay-m-eh-n-ts-eh
Seed-Granum	gran	g-r-ah-n
Leaf	fwec	f-w-ay-ay
BarkOfATree-Skortea	skwartse	s-k-w-ah-r-VAlveolarSibilantAffricate-ay
Flower	flo:r	f-l-O-r
Grass	jarbe	jg-ah-r-b-ay
Skin-Pellis	pjɛl	p-jg-eh-l
Meat	ca:r	tya-A-r
Blood	saŋk	s-ah-nya-k
Bone	vwɛs	v-w-eh-s
Egg	u:f	U-f
Horn	kwa:r	k-w-A-r
Tail	kɔde	k-euh-d-eh
Feather	plume	p-l-u-m-eh
Feather-Penna	pene	p-eh-n-ay
Hair	pe:l	p-ai-l
Hair-Capillus	cavej	tya-ah-v-ej_diphthong
Head	ca:f	tya-A-f
Head-Testa	tɛste	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	bɔce	b-euh-tya-eh
Mouth-Gula	gole	g-euh-l-ay
Tooth	dint	d-e-n-t
Fingernail	ɔŋgule	euh-nya-g-u-l-eh
Foot	pi:t	p-E-t
Leg-Gamba	jambe	VdPalatalStop-ah-m-b-ay
Leg-Petiolus	pekol	p-eh-k-oh-l
Knee-Geniculum	dʒenoli	VdPalatoAlveolarSibilant-ay-n-oh-l-e
Hand	maŋ	m-ah-nya
Wing	ale	ah-l-ay
Belly	vintri	v-e-n-t-r-e

Appendix 4 - Word Lists by Language

Belly-Pantex	pantse	p-ah-n-VAlveolarSibilantAffricate-ay
Neck	kwɛl	k-w-eh-l
Back	dwes	d-w-ay-s
Back-Spatula	spale	s-p-ah-l-eh
Breast	sen	s-ay-n
Breast-Pectus	pet	p-eh-t
Heart	ku:r	k-U-r
Heart-Anima	anime	ah-n-e-m-ay
Liver	fija:t	f-e-jg-A-t
Sun-Soliculus	soreli	s-oh-r-ay-l-e
Moon	lune	l-u-n-ay
Star	stele	s-t-eh-l-ay
Water	age	ah-g-ay
Rain	ploje	p-l-oh-jg-ay
River	flum	f-l-u-m
Lake	la:t	l-A-t
Sea	ma:r	m-A-r
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	ʃi: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	ʃʏnizɛ	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	'lɛŋɛ	l-eh-n-g-ch
ToDrink	bevi	b-ay-v-e
ToEat-Manducare	maŋja:	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
ToVomit	gomita:	g-oh-m-e-t-A
ToBreathe	respira:	r-ay-s-p-e-r-A
ToLaugh	'ridi	r-e-d-e
ToSee	'vjodi	v-jg-oh-d-e
ToHear	sin'ti	s-e-n-t-e
ToKnow-Sapere	save:	s-ah-v-ai
ToKnow-Cognoscere	koɲosi	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

Appendix 4 - Word Lists by Language

ToDie	muri:	m-u-r-E
ToKill-Mactare	maŋa:	m-ah-ts-A
ToFight-Battuere	bati	b-ah-t-e
ToHunt-Captiare	caŋa:	tya-ah-ts-A
ToHit	pulsa:	p-u-l-s-A
ToCut	sea:	s-ay-A
ToCut-Excurtare	skurta:	s-k-u-r-t-A
ToCut-Taliare	taja:	t-ah-jg-A
ToSplit	dividi	d-e-v-e-d-e
ToSplit-Partire	parti:	p-ah-r-t-E
ToSplit-Separare	separa:	s-ay-p-ah-r-A
ToScratch	rada:	r-ah-d-A
ToScratch-Rasare	rasa:	r-ah-s-A
ToDig-Cavare	java:	VdPalatalStop-ah-v-A
ToDig-Excavare	zjava:	zz-VdPalatalStop-ah-v-A
ToSwim	nada:	n-ah-d-A
ToSwim-Navigare	naviga:	n-ah-v-e-g-A
ToFly-Exvolare	zvola:	zz-v-oh-l-A
ToWalk	camina:	tya-ah-m-e-n-A
ToCome	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-Gyrare	džira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	džira:	VdPalatoAlveolarSibilant-e-r-A
ToFall	ŋjade	ts-jg-ah-d-ay
ToGive	da:	d-A
ToHold	tinji	t-e-n-jg-e
ToSqueeze	esprimi	ay-s-p-r-e-m-e
ToSqueeze-Stringere	strengi:	s-t-r-eh-n-g-E
ToRub	frea	f-r-ay-ah
ToWash	lava:	l-ah-v-A
ToWipe-Exsucare	suja:	s-u-jg-A
ToPull	tira:	t-e-r-A
ToPull-Pulsare	pulsa:	p-u-l-s-A
ToPull-Trahere	traj	t-r-aj_diphthong
ToThrow-Lanceare	lanŋa:	l-ah-n-ts-A
ToTie	lea:	l-ay-A
ToSew	kuzi	k-u-zz-e
ToCount	konta:	k-oh-n-t-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	glatja:	g-l-ah-ts-A
ToSwell-Inflare	enfla:	ay-n-f-l-A
ToSwell-Conflare	zglonja:	zz-g-l-oh-nya-f-A
ToBurn-Brojan	bruza:	b-r-u-zz-A
All-Totus	dut	d-u-t
Many	mole	m-oh-l-tya
Many-Tantus	tanc	t-ah-n-tya
Few	po:k	p-O-k
Other	altri	ah-l-t-r-e

Appendix 4 - Word Lists by Language

Big-Grandem	grant	g-r-ah-n-t
Long-Longum	lunk	l-u-n-k
Long-Largum	lark	l-ah-r-k
Thick	gras	g-r-ah-s
Thick-Grossum	grwes	g-r-w-eh-s
Heavy	grevi	g-r-eh-v-e
Small-Pitulus	piɸful	p-e-ts-u-l
Short	kurt	k-u-r-t
Narrow-Strictus	stret	s-t-r-eh-t
Thin	minu:t	m-e-n-U-t
Thin-Subtilis	suti:l	s-u-t-E-l
Warm	calt	tya-ah-l-t
Cold	fre:t	f-r-ai-t
Cold-Recens	retsint	r-ay-VlAlveolarSibilantAffricate-e-n-t
Full	plen	p-l-eh-n
New	nu:f	VdPalatalNasal-U-f
Old	'vjeri	v-jg-ay-r-e
Good	bɔn	b-euh-n
Bad	ma:l	m-A-l
Rotten	'frajt	f-r-aj_diphthong-t
Dirty	spark	s-p-euh-r-k
Straight	dret	d-r-eh-t
Round	tarɔnt	t-ah-r-euh-n-t
SharpAsAKnife	u'ɸa:t	u-ts-A-t
Smooth	slis	s-l-e-s
Wet	ba'na:t	b-ah-VdPalatalNasal-A-t
Dry	sek	s-eh-k
Near	'dɔŋɟe	d-euh-nya-VdPalatalStop-eh
Far	lon'taŋ	l-oh-n-t-ah-nya
Right-Directus	'dret	d-r-eh-t
Left	'ɸaŋ"p	ts-ah-nywa-p
Red	rɔs	r-euh-s
Green	vert	v-eh-r-t
Black	neri	n-ay-r-e
One	uŋ	u-nya
Two-Duos	doj	d-oj_diphthong
Three	'tre:	t-r-ai
Four	kwatri	k-w-ah-t-r-e
Five	'ɸiŋk	ts-e-nya-k
Here	aki	ah-k-e
Who-Qui	kwi	k-w-e
What	ɸe	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	ɸemu:t	ts-ay-m-U-t
Not	no	n-oh
And-Et	e	ay
And-Si	si	s-e
If	se	s-ay
Because-Quod	ke	k-ay

Romanian

Cognate	IPA	Sounds
I	jew	jg-ay-w
We	noj	n-oj_diphthong
YouPlural	voj	v-oj_diphthong

Appendix 4 - Word Lists by Language

YouSingular	tu	t-u
Woman	femeje	f-ay-m-ay-jg-ay
Woman-Mulier	mujere	m-u-jg-ay-r-ay
Woman-Domina	doamnə	d-midback_diphthong_romanian-m-n-aah
ManHumanBeing	om	oh-m
Wife-Mulier	mujere	m-u-jg-ay-r-ay
Husband	mərit	m-aah-r-e-t
Husband-Socius	sots	s-oh-VlAlveolarSibilantAffricate
Father-Tata	tatə	t-ah-t-aah
Animal	nəmajə	n-aah-m-ah-jg-ay
Fish-Piskem	pefte	p-ay-shh-t-ay
Bird-Passerem	pasəre	p-ah-s-aah-er-ay
Dog	kijne	k-ij_diphthong-n-ay
Louse	pədukje	p-aah-d-u-k-jg-ay
Snake	ʃarpe	shh-ah-er-p-ay
Worm	vjerme	v-jg-ay-r-m-ay
Tree	arbore	ah-r-b-oh-r-ay
Stick	par	p-ah-er
Fruit	frukt	f-r-u-k-t
Seed-Sementis	səminfə	s-aah-m-eee-n-ts-aah
Seed-Granum	griw	g-r-iw_diphthong
Leaf	fəaje	f-midback_diphthong_romanian-jg-ay
Leaf-Frondea	frunzə	f-er-u-n-zz-aah
Root-Radicina	rədəʃinə	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Skortea	skoartsə	s-k-midback_diphthong_romanian-er-VlAlveolarSibilantAffricate-aah
Flower	floare	f-l-midback_diphthong_romanian-er-ay
Grass	jarbə	jg-ah-er-b-aah
Rope	funje	f-u-n-jg-ay
Skin-Pellis	pjele	p-jg-ay-l-ay
Meat	karne	k-ah-er-n-ay
Blood	sindze	s-eee-n-VdPalatoAlveolarSibilant-ay
Bone	os	oh-s
Egg	ow	oh-w
Horn	korn	k-oh-r-n
Tail	coada	tya-midback_diphthong_romanian-d-aah
Feather-Penna	panə	p-ah-n-aah
Hair	pər	p-aah-er
Head	kap	k-ah-p
Head-Testa	tsəstə	VlAlveolarSibilantAffricate-midfront_diphthong_romanian-s-t-aah
Ear	ureke	u-r-ay-k-ay
Eye	oki	oh-kpalatal
Nose	nas	n-ah-s
Mouth	bukə	b-u-k-aah
Mouth-Gula	gurə	g-u-er-aah
Tooth	dinte	d-e-n-t-ay
Fingernail	ungje	u-n-g-jg-ay
Foot	piez	p-e-ay-zz
Leg-Gamba	gambə	g-ah-m-b-aah
Leg-Perna	gambə	g-ah-m-b-aah
Leg-Petiolus	piʃfor	p-e-ts-jg-oh-r
Knee-Geniculum	dzenunki	VdPalatoAlveolarSibilant-ay-n-u-n-kpalatal
Hand	minə	m-eee-n-aah
Belly	vintre	v-e-n-t-r-ay
Belly-Pantex	pintefje	p-eee-n-t-ay-ts-ay
Back	do	d-oh
Back-Spatula	spate	s-p-ah-t-ay
Breast	san	s-ah-n

Appendix 4 - Word Lists by Language

Breast-Pectus	pjept	p-jg-ay-p-t
Heart-Anima	inimə	e-n-e-m-aah
Liver	fikat	f-e-k-ah-t
Sun	soare	s-midback_diphthong_romanian-er-ay
Moon	lunə	l-u-n-aah
Star	stea	s-t-midfront_diphthong_romanian
Water	apə	ah-p-aah
Rain	ploaje	p-l-midback_diphthong_romanian-jg-ay
River-Rivus	riw	r-eee-w
Lake	lak	l-ah-k
Sea	mare	m-ah-r-ay
Salt	sare	s-ah-r-ay
Stone-Petra	pjatrə	p-jg-ah-t-er-aah
Sand	arinə	ah-r-e-n-aah
Dust	pulbere	p-u-l-b-ay-r-ay
Earth	tsarə	VlAlveolarSibilantAffricate-ah-r-aah
Cloud-Secondary	nor	n-oh-r
Fog-Nebula	negurə	n-ay-g-u-r-aah
Fog-Caecia	ʃʧaʃə	ts-midfront_diphthong_romanian-ts-aah
Sky	ʃer	ts-ay-er
Wind	vint	v-eee-n-t
Snow	neə	n-midfront_diphthong_romanian
Ice	dʒer	VdPalatoAlveolarSibilant-ay-r
Ice-Glacies	geatsə	g-midfront_diphthong_romanian-VlAlveolarSibilantAffricate-aah
Smoke	fum	f-u-m
Fire-Focus	fok	f-oh-k
Ash-Cinisia	ʃenuʃə	ts-ay-n-u-shh-aah
Mountain	munte	m-u-n-t-eh
Night	noapte	n-midback_diphthong_romanian-p-t-ay
Day	zi	zz-e
Year	an	ah-n
Name-Nomen	nume	n-u-m-ay
ManMale	bərbat	b-aah-er-b-ah-t
Tongue	limbə	l-e-m-b-aah
ToDrink	bəa	b-midfront_diphthong_romanian
ToEat-Manducare	minka	m-eee-n-k-ah
ToBite-Morsicare	murseka	m-u-r-s-ay-k-ah
ToSuck	sudʒe	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	skujpa	s-k-u-jg-p-ah
ToVomit	avomita	ah-v-oh-m-e-t-ah
ToBreathe	arespira	ah-er-ay-s-p-e-er-ah
ToLaugh	aride	ah-er-eee-d-ay
ToSee	avedea	ah-v-ay-d-midfront_diphthong_romanian
ToHear	awzi	ah-w-zz-e
ToKnow	ʃti	shh-t-e
ToKnow-Cognoscere	kunoaʃte	k-u-n-midback_diphthong_romanian-shh-t-ay
ToThink	kudʒeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pəsa	p-aah-s-ah
ToSmell-Sentire	simtʃi	s-e-m-VlAlveolarAffricate-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

Appendix 4 - Word Lists by Language

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	pundze	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	merdze	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome	veni	v-ay-n-e
ToLieAsInABed	ekstinde	ay-k-s-t-e-n-d-ay
ToLieAsInABed-lacere	zaf̥ea	zz-aah-ts-midfront_diphthong_romanian
ToSit	fede̯a	shh-ay-d-midfront_diphthong_romanian
ToStand	sta	s-t-ah
ToStand-Levare	lua	l-u-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Torquere	toarf̥e	t-midback_diphthong_romanian-r-ts-ay
ToFall	kade̯a	k-aah-d-midfront_diphthong_romanian
ToGive	da	d-ah
ToHold	tsine	VlAlveolarSibilantAffricate-e-n-ay
ToSqueeze	skreme	s-k-r-ay-m-ay
ToSqueeze-Stringere	strindze	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub	freka	f-r-ay-k-ah
ToWash	la	l-ah
ToWipe-Extergere	f̥terdze	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	uska	u-s-k-ah
ToPull-Pulsare	pulsa	p-u-l-s-ah
ToPull-Trahere	tradze	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush	impindze	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToThrow-Eruncare	arunka	ah-er-u-nya-k-ah
ToTie	lega	l-ay-g-ah
ToSew	coase	tya-midback_diphthong_romanian-s-ay
ToCount-Enumerare	numara	n-u-m-ah-r-ah
ToSay	zif̥e	zz-e-ts-ay
ToSay-Exponere	spune	s-p-u-n-ay
ToSing-AncestralClass	kinta	k-eee-n-t-ah
ToPlay-Jiocare	zuka	gzah-u-k-ah
ToFloat	fluctua	f-l-u-tya-t-u-ah
ToFlow-Excurrere	skurdze	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdze	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetsa	eee-n-g-ay-VlAlveolarSibilantAffricate-ah
ToSwell-Inflare	umfla	u-m-f-l-ah
ToSwell-Crescere	kre̯fte	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay
ToBurn-Incendere	inf̥indze	eee-n-ts-e-n-d-gzah-ay
ToBurn-AncestralClass8	ustura	u-s-t-u-r-ah
All-Totus	tot	t-oh-t
Many	mult	m-u-l-t
Other	alt	ah-l-t
Big-Majjorem	mare	m-ah-er-ay
Long-Longum	lung	l-u-n-g
Long-Largum	larg	l-ah-r-g
Wide	lat	l-ah-t
Thick	gras	g-r-ah-s
Thick-Grossum	gros	g-r-oh-s
Heavy	grew	g-er-ay-w
Small-Pittinus	putsin	p-u-VlAlveolarSibilantAffricate-e-n

Appendix 4 - Word Lists by Language

Narrow	ingust	eee-nya-g-u-s-t
Narrow-Strictus	strimt	s-t-r-eee-m-t
Thin	mərunt	m-aah-r-u-n-t
Thin-Subtilis	subtsire	s-u-b-VlAlveolarSibilantAffricate-e-r-ay
Warm	kald	k-ah-l-d
Cold-Recens	reffe	r-ay-ts-ay
Full	plin	p-l-e-n
New	now	n-oh-w
Old	vekç	v-ay-k-sh
Good	bun	b-u-n
Rotten	putred	p-u-t-er-ay-d
Dirty	murdar	m-u-er-d-ah-er
Straight	drept	d-r-ay-p-t
Round	rətund	r-aah-t-u-n-d
SharpAsAKnife	askutsit	ah-s-k-u-t-s-e-t
Smooth	neted	n-ay-t-ay-d
Wet	ud	u-d
Dry	sek	s-ay-k
Near	aproape	ah-p-er-midback_diphthong_romanian-p-ay
Far	departe	d-ay-p-ah-er-t-ay
Right-Directus	drept	d-er-ay-p-t
Left	stîng	s-t-eee-nya-g
Red	roșu	er-oh-shh-u
Red-Rubeus	roșb	r-oj_diphthong-b
Green	verde	v-ay-er-d-ay
Yellow	galben	g-ah-l-b-ay-n
White	alb	ah-l-b
Black	negru	n-ay-g-er-u
One	unu	u-n-u
Two-Duos	doi	d-oj_diphthong
Two-Duae	dowə	d-oh-w-aah
Three	trei	t-r-ej_diphthong
Four	patru	p-ah-t-r-u
Five	șînf	ts-e-n-ts
There	la	l-ah
Who-Quem	șîne	ts-e-n-ay
What	șîe	ts-ay
Where-Ubi	juo	jg-u-oh
Where-Unde	unde	u-n-d-ay
When-Quando	kind	k-eee-n-d
How-Quomodo	kum	k-u-m
Not	nu	n-u
In-In	in	eee-n
With-Cum	ku	k-u
And-Et	e	ay
And-Si	și	shh-e
If	sə	s-aah
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 • ʊ
Near-close		ɪ		ʊ	
Close-mid	e • ø		ə		o • o(w)
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		ɑː

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	ɛ̞				
Mid					
Open-mid					
Near-open					
Open					

Vowel-Diphthong-Non-Syllabic

	Front	Near-Front	Central	Near-Back	Back
Close					
Near-close					
Close-mid	ea̞				o̞a
Mid					
Open-mid					
Near-open					
Open					

Pulmonic Consonants

Manner	Bilabial	Labial	Labial-Velar	Labio-Dental	Dental	Alveolar	Post-Alveolar	Retroflex	Palatal	Velar	Uvular	Glottal
Nasal, Stop		ɲ ^w			ɳ̪							
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						r						
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

Appendix 5 - Segment Groups

Ejective, Stop	
Ejective, Fricative	
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	Alveolo-Palatal	Palato-Alveolar
Sibilant	ts	tʃ	tʃ
Lateral			
Voiced			
Non-Sibilant			

Shaded areas denote articulations judged to be impossible.

Ejective Affricates

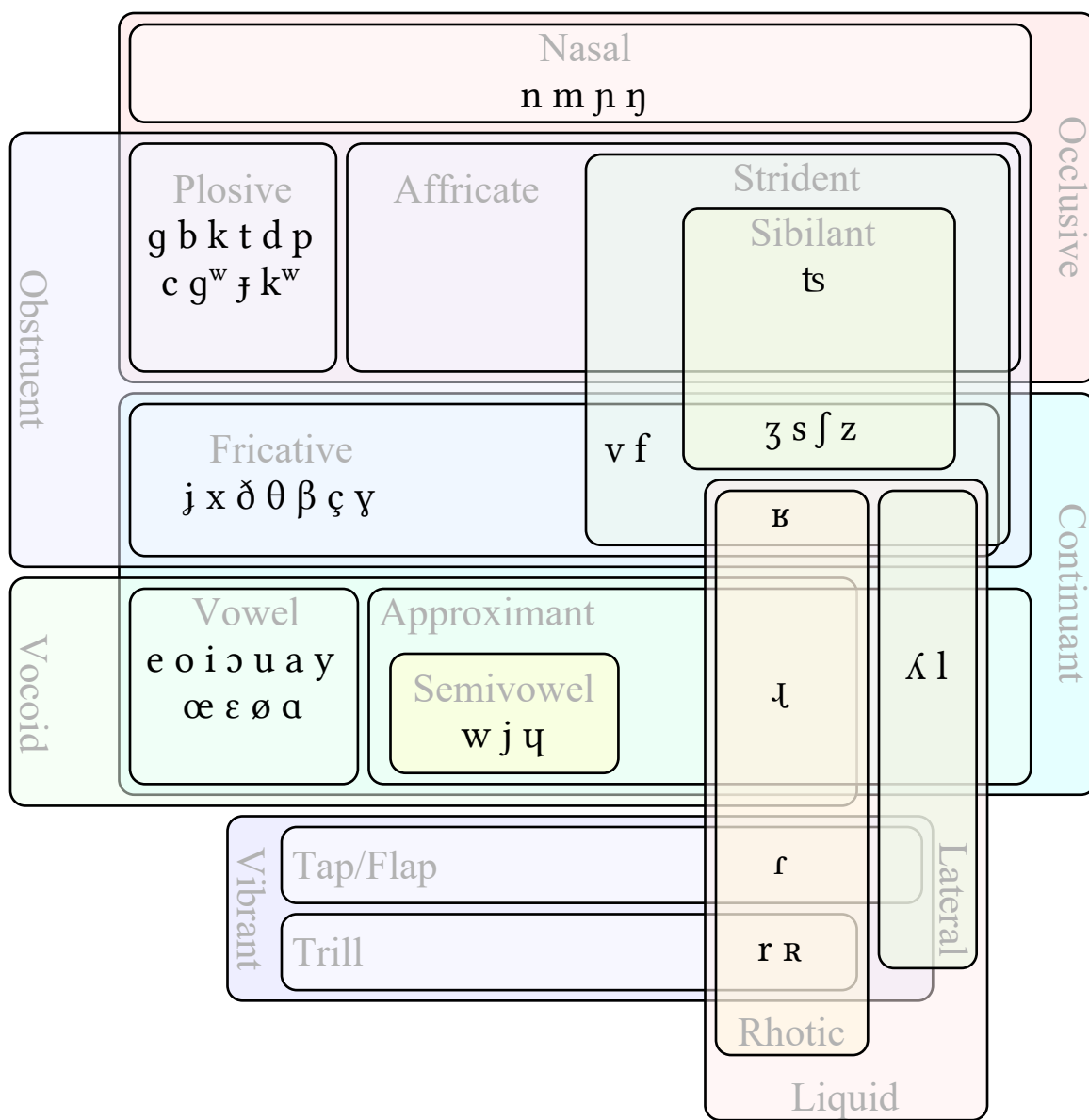
Manner
Central
Lateral

Shaded areas denote articulations judged to be impossible.

Other Segments

w	Labial-Velar Vocoid Semivowel Voiced Approximant	ɖʒ	Palato-Alveolar Voiced Sibilant Affricate
ɭ	Continuant Labial Velar	ɥ	Labial-Palatal Vocoid Semivowel Voiced Approximant
ɬ	Alveolar Voiced Velarized Pulmonic Lateral Approximant	ɮ	Continuant Palatalized Labial
dz	Alveolar Voiced Sibilant Affricate	ʈʂ	Alveolar Affricate
ɟ̃	Palatal Nasal Approximant	kː	Velar Velarized Pulmonic

Appendix 6 - Euler Feature Diagram



Appendix 7 - International Phonetic Alphabet

IPA Segments

o(w)	ẽj	ẽw̃	au
006F, 0028, 0077, 0029 Close-mid Back Rounded Vowel	0250, 0303, 006A, 0303 Near-open Central Nasal Vowel Diphthong	0250, 0303, 0077, 0303 Open Central Nasal Vowel Diphthong	0061, 0075, 032F Open Central Vowel Diphthong
ea	oa	ts	tʃ
0065, 032F, 0061 Close-mid Front Vowel Diphthong Non-Syllabic	006F, 032F, 0061 Close-mid Back Vowel Diphthong Non-Syllabic	0074, 0361, 0073 Alveolar Affricate	0074, 0361, 0283 Alveolo-Palatal Pulmonic Sibilant Affricate
ẽj	ẽu	aj	a:
1EBD, 006A, 0303 Mid Front Nasal Vowel Diphthong	1EBD, 0075, 032F Mid Front Nasal Vowel Diphthong	0061, 006A Near-open Near-Front Vowel Diphthong	0061, 02D0 Open Central Vowel Long Vowel Continuant
ej	e:	e	i:
0065, 006A Mid Front Vowel Diphthong	0065, 02D0 Mid Front Vowel Long Vowel Continuant	0065, 032F Close-mid Front Vowel Non- Syllabic	0069, 02D0 Close Front Vowel Long Vowel Continuant
ʝ	kʲ	kʷ	k:
006A, 0303 Palatal Nasal Approximant	006B, 02B2 Palatal Stop Palatalized	006B, 02B7 Labial-Velar Pulmonic Stop Occlusive Labial Velar	006B, 02D0 Velar Velarized Pulmonic
ɳ	oj	o:	u:
006E, 032A Dental Pulmonic Nasal Stop Dental	006F, 006A Close-mid Back Vowel Diphthong	006F, 02D0 Mid Back Rounded Vowel Long Vowel Continuant	0075, 02D0 Close Back Rounded Long Vowel
u	õ:	ø:	ŋʷ
0075, 032F Close Back Rounded Vowel	00F5, 02D0 Close-mid Back Rounded Long Nasal Vowel	00F8, 02D0 Open Front Rounded Vowel Long Vowel	014B, 02B7 Labial Voiced Pulmonic Nasal Stop

Appendix 7 - International Phonetic Alphabet

œ̃	ɐj	ẽ	ɑ:
0153, 0303 Open-mid Near-Front Rounded Nasal Vowel Diphthong	0250, 006A Near-open Central Vowel Diphthong	0250, 0303 Near-open Central Rounded Nasal Vowel	0251, 02D0 Open Back Long Vowel
ã	ɔ:	õ	ɛj
0251, 0303 Near-close Back Nasal Vowel	0254, 02D0 Open-mid Back Rounded Vocoid Long Vowel Continuant	0254, 0303 Open-mid Back Rounded Nasal Vowel	025B, 006A Open-mid Near-Front Vowel Diphthong
ɛ:	ẽ	ɡ ^w	ij
025B, 02D0 Open-mid Near-Front Vocoid Long Vowel Continuant	025B, 0303 Open-mid Near-Front Nasal Vowel	0261, 02B7 Labial-Velar Voiced Pulmonic Stop Occlusive Labial Velar	0268, 006A Close Central Vowel Diphthong
ɪw	ẽ:	a	b
0268, 0077 Close Central Vowel Diphthong	1EBD, 02D0 Close Back Long Nasal Vowel	0061 Open Near-Front Vocoid Vowel Continuant	0062 Bilabial Voiced Pulmonic Stop Occlusive
c	d	e	f
0063 Palatal Pulmonic Stop Occlusive	0064 Alveolar Voiced Pulmonic Stop Occlusive	0065 Close-mid Front Vocoid Vowel Continuant	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant Labial Dental
h	i	j	k
0068 Glottal Pulmonic Fricative	0069 Close Front Vocoid Vowel Continuant	006A Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant	006B Velar Pulmonic Stop Occlusive
l	m	n	o
006C Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	006D Bilabial Voiced Pulmonic Nasal Occlusive	006E Alveolar Voiced Pulmonic Nasal Occlusive	006F Close-mid Back Rounded Vocoid Vowel Continuant

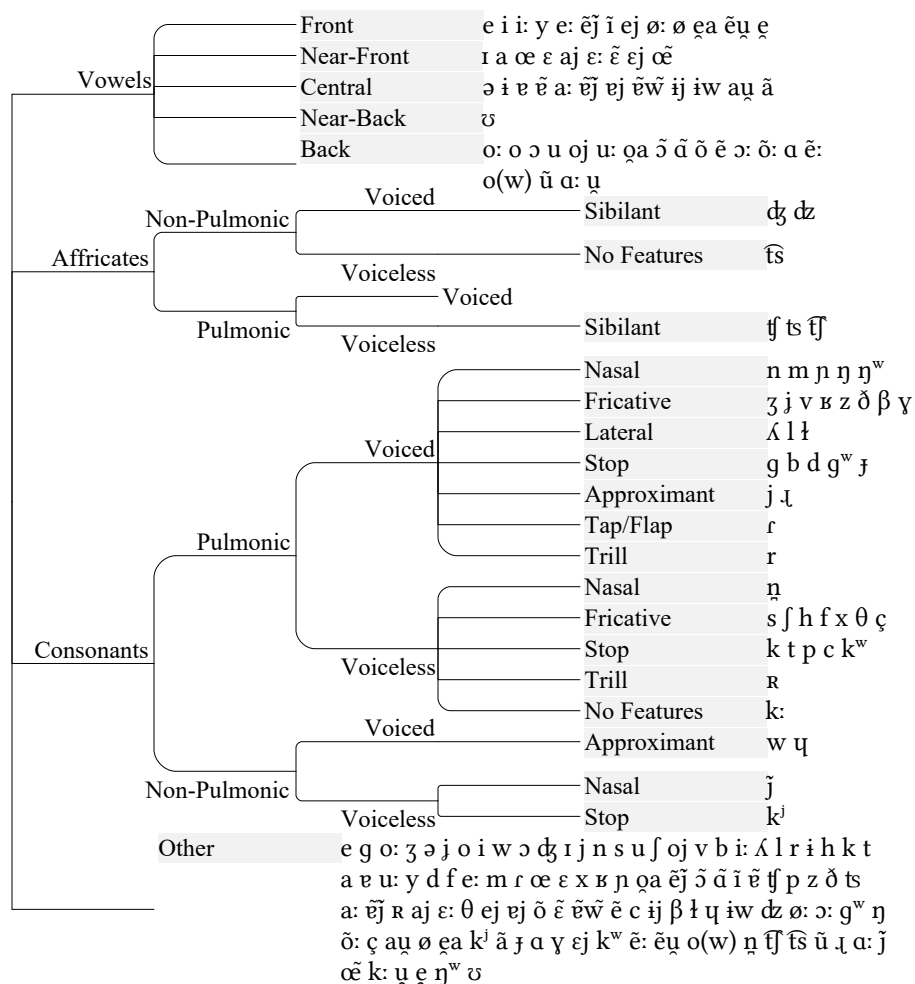
Appendix 7 - International Phonetic Alphabet

p	r	s	t
0070 Bilabial Pulmonic Stop Occlusive	0072 Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	0073 Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	0074 Alveolar Pulmonic Stop Occlusive
u	v	w	x
0075 Close Back Rounded Vocoid Vowel Continuant	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
y	z	ã	ç
0079 Close Front Rounded Vocoid Vowel Continuant	007A Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	00E3 Near-open Central Nasal Vowel	00E7 Palatal Pulmonic Fricative Obstruent Continuant
ð	õ	ø	ĩ
00F0 Dental Voiced Pulmonic Fricative Obstruent Continuant Dental	00F5 Close-mid Back Rounded Nasal Vowel	00F8 Close-mid Front Rounded Vocoid Vowel Continuant	0129 Close Front Nasal Vowel
ŋ	œ	ũ	ɐ
014B Velar Voiced Pulmonic Nasal Occlusive	0153 Open-mid Near-Front Rounded Vocoid Vowel Continuant	0169 Open Back Nasal Vowel	0250 Near-open Central Rounded Vowel
ɑ	ɔ	ə	ɛ
0251 Open Back Vocoid Vowel Continuant	0254 Open-mid Back Rounded Vocoid Vowel Continuant	0259 Close-mid Central Vowel	025B Open-mid Near-Front Vocoid Vowel Continuant
ʃ	g	ɣ	ɥ
025F Palatal Voiced Pulmonic Stop Occlusive	0261 Velar Voiced Pulmonic Stop Occlusive	0263 Velar Voiced Pulmonic Fricative Obstruent Continuant	0265 Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant Palatalized Labial

Appendix 7 - International Phonetic Alphabet

ɪ	ɪ	ɭ	ɲ
0268	026A	026B	0272
Close Central Vowel	Near-close Near-Front Vowel	Alveolar Voiced Velarized Pulmonic Lateral Approximant	Palatal Voiced Pulmonic Nasal Occlusive
ɭ	ɮ	ʀ	ʁ
027B	027E	0280	0281
Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid	Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	Uvular Pulmonic Trill Rhotic Vibrant Liquid	Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid
ʃ	ʊ	ʎ	ʒ
0283	028A	028E	0292
Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	Near-close Near-Back Rounded Vowel	Palatal Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant
ʝ	ɖ	ɗ	ʈ
029D	02A3	02A4	02A6
Palatal Voiced Pulmonic Fricative Obstruent Continuant	Alveolar Voiced Sibilant Affricate	Palato-Alveolar Voiced Sibilant Affricate	Alveolar Pulmonic Sibilant Affricate Occlusive Strident
ɸ	β	θ	ẽ
02A7	03B2	03B8	1EBD
Palato-Alveolar Pulmonic Sibilant Affricate	Bilabial Voiced Pulmonic Fricative Obstruent Continuant	Dental Pulmonic Fricative Obstruent Continuant Dental	Close Back Nasal Vowel

Appendix 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
˞	Advanced tongue root	ɿ	Apical	˝	Extra low tone
˞	Less rounded	ɿ	Dental	˜	Velarized or Pharyngealized
↘	Global fall	ɿ	Velarized	ˊ	High tone
h	Aspirated	j	Palatalized	˚	Creaky voiced
˘	Low tone	l	Lateral release	-	Mid tone
◻	Laminal	˞	Linguo-Labial	˚	Nasal release
˚	More rounded	˞	Lowered	˞	Retracted tongue root
↗	Global rise	˞	Raised	˞	Extra high tone
˚	Breathy voiced	˞	Voiced	w	Labialized
˚	Extra short	x	Mid-centralized	↓	Down-step
↑	Up-step	˚	Long	˚	Half-long
	Indeterminacy in french vowels		Begin Non-segmental notation		End non-segmental notation
ɸ	Voiced epiglottal fricative	!	Post-alveolar click		Minor group
	Dental click		Major group		Alveolar lateral click
‡	Palatal click	◦	Voiceless descender	-	Combining macron
˘	Tie-bar below	˘	Tie-bar above	˚	Ready made combination
→	Becomes	˘	Separator		

Appendix 10 - Languages

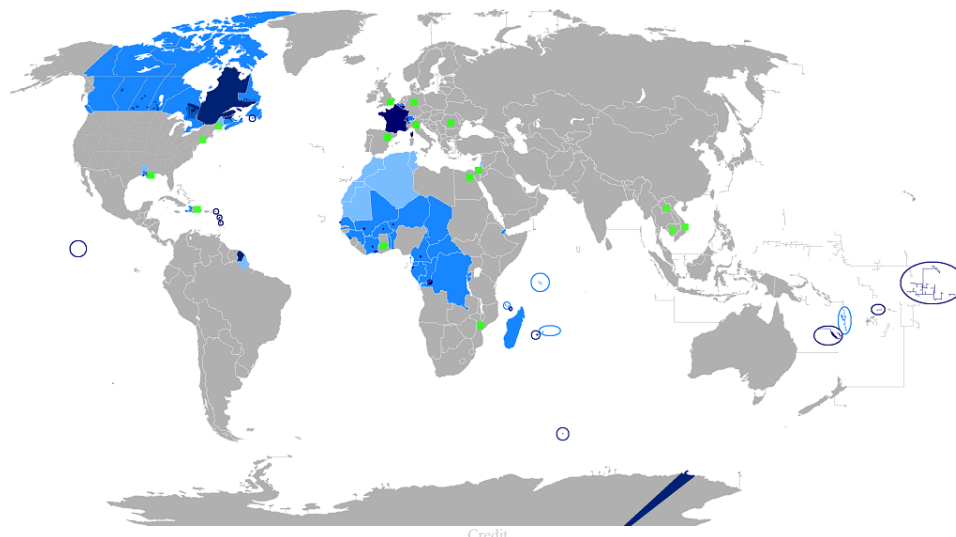
Latin



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

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

French



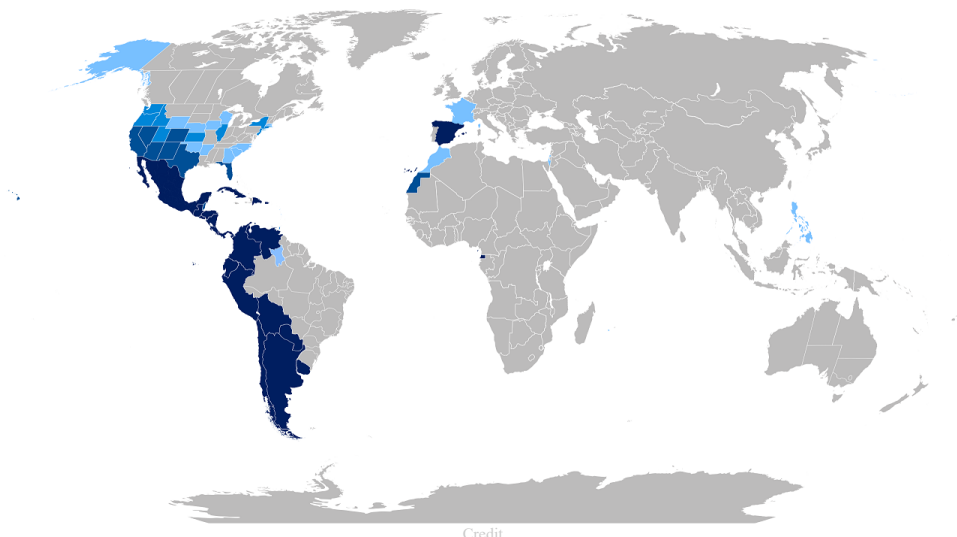
A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically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

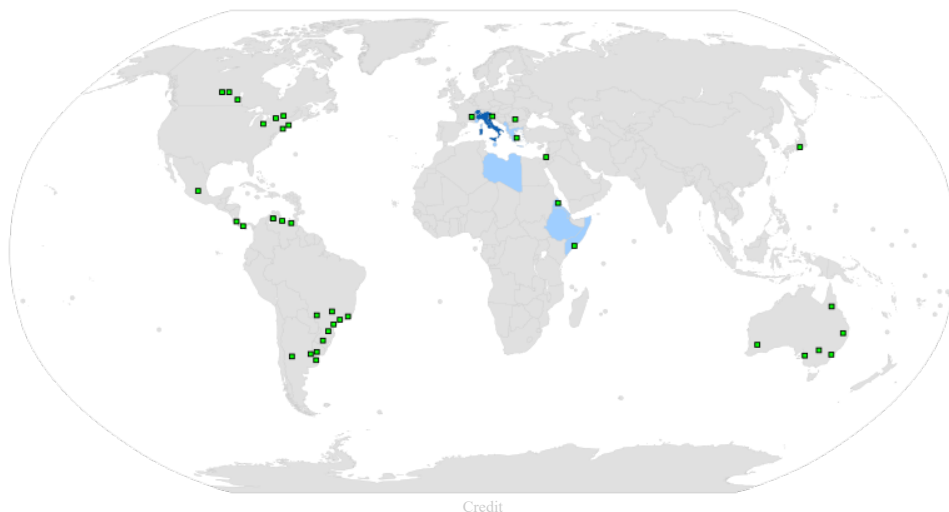
Appendix 10 - Languages

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

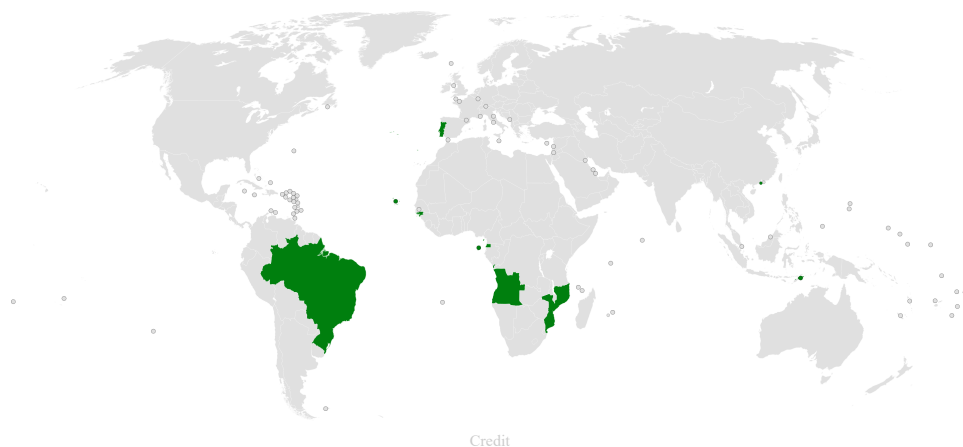
languages covered by the European Charter for Regional or Minority languages in Bosnia and Herzegovina and in Romania, although Italian is neither a co-official nor a protected language in these countries. Many speakers of Italian are native bilinguals of both Italian (either in its standard form or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



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

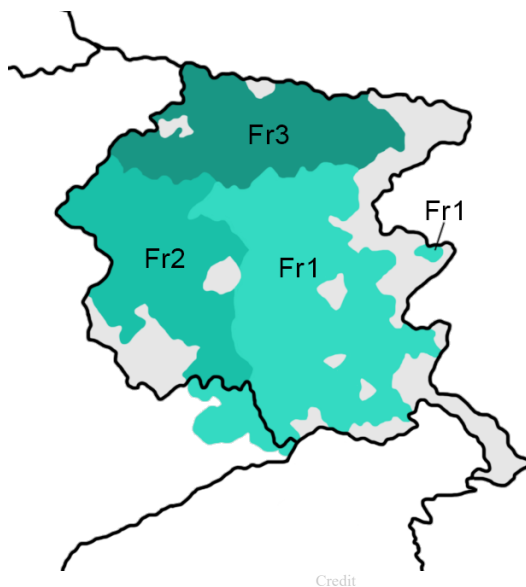


Appendix 10 - Languages

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

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

Friulian



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

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

Romanian



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

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