

Letter	Frequency %
m	4.3
n	4.1
j	4.0
k	4.0
u	3.9
a	3.8
p	3.7
w	3.6
l	3.0
t	3.0
i	3.0
s	2.8
b	2.8
g	2.7
e	2.7
o	2.6
h	2.5
d	2.0
r	1.9
f	1.9
y	1.8
c	1.7
v	1.6
e	1.5
k	1.4
z	1.4
a	1.4
u	1.3
v	1.2
r	1.2
a	1.1
o	1.0
e	1.0
s	0.9
n	0.9
l	0.8
a	0.8
u	0.7
i	0.7
s	0.7
t	0.7
u	0.6
y	0.6
c	0.6
k	0.5
j	0.5
e	0.5
o	0.5
β	0.5
z	0.5
d	0.5
s	0.4
i	0.4
u	0.4
y	0.3
g	0.3
x	0.3
ç	0.3
À	0.3
Ö	0.3
0	0.2
k'	0.2
æ	0.2
æ'	0.2
ä	0.2
q	0.2
j	0.2
e'	0.2
ö	0.2
çp	0.2
j	0.2
ay	0.2
ij	0.2
sw	0.2
tw	0.2
ej	0.2
aj	0.2
ts	0.2
oj	0.2
æ'	0.2
f	0.2
e'	0.2
dj	0.2
qa	0.2

Appendix 2 - Symbols

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

Appendix 2 - Symbols

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

Appendix 3 - Words containing each segment

ẽj	0250, 0303, 006A, 0303	54
mẽj mẽj nuvej keližẽj kẽj nẽj ẽj		
ẽw	0250, 0303, 0077, 0303	63
kẽw kẽw grẽw grẽw mẽw mẽw nẽw nẽw		
au	0061, 0075, 032F	78
kaũda aũdi:re aũgmenta:re aũmentar aũmentare aũgmentar aũgmentar paũkus		
ea	0065, 032F, 0061	80
ṭẹasṭə sṭẹa ṭʃẹaṭʃə ṇẹa g̣ẹatṣə ḅẹa ṿẹḍẹa ẓə̣ṭʃẹa ʃẹḍẹa ḳə̣ḍẹa		
oa	006F, 032F, 0061	39
ḍọaṃṇə f̣ọaʃe sḳọartṣə f̣ḷọare ç̣ọaḍə ṣq̣are p̣ḷọaʃe ṇọapte ṿọame ḳuṇọaf̣te ṭọarṭʃe ç̣ọase apṛọape		
ẽj	1EBD, 006A, 0303	41
omẽj ɔmẽj nenẽj nenẽj nuvej kalizẽj kẽj nẽj ẽj		
ẽu	1EBD, 0075, 032F	89
ḷẽu		
aj	0061, 006A	56
paj paj ɔraj ajywə sajḅru sajḅru tene:braj kajkia kajlum nwaje traj majjo:rem duaj		
a:	0061, 02D0	53
ma:trem ma:dre pa:dre nema:l pa:lus pa:l gra:num ra:di:kem ra:di:ke ra:di:ki:na gra:men ca:r kwa:r ca:f na:sus na:so na:s na:ris ma:no a:la intera:nea fi:ka:tum fija:t ri:pa:ria la:t ma:r sa:lem sa:l ka:li:ginem tene:bra:s fu:ma:ta fu:ma:ta stra:ta monta:nea diurna:ta manduka:re ma:nja: morsika:re cuca: spuda: suffla:re sofla: respi:ra:re respira: ko:gita:re pen:sa:re pen:sa: odo:ra:re fra:gra:re trima: neka:re tu:ta:ri makta:re matja: pugna:re kaptia:re catja: pulsa:re pulsa: seka:re sea: kurta:re ekskurta:re skurta: ta:lia:re ta:ḷla: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:ṛṭʃi: ambita:re sedenta:re senta: sta:re sta: leva:re leva: alti:re altja: torna:re torna: gyra:re ḍʒira: ḍʒira: da: dona:re dona: appekto:ra:re frika:re frikta:re lawa:re lava: eksu:ka:re suja: limpida:re tira:re tira: pulsa:re pulsa: jakta:re lankea:re lantja: e:runka:re liga:re lea: apta:re komputa:re konta: e:numera:re numera:re numera: kanta:re canta: joka:re ḍʒuja: flu:ktua:re fluita:re ko:la:re gela:re glakia:re glatja: inglakia:re aũgmenta:re infla:re enfla: konfla:re zglo:nfa: bruza: krema:re flamma:re flama: flagra:re ustula:re la:tus de:lika:tus ma:l sua:wem illa:k		
ej	0065, 006A	59
pejfi cavej okej seju pejtu sejfu areje fejrak zejtar zejtar kejṃake istrejtu ḍʒirejtu trej		
e:	0065, 02D0	25
fe:mina be:stia se:men pe:l ste:ḷla pje:tra pje:re hare:na nu:be:s tene:braj tene:bra:s nef die:s morde:re ri:de:re wide:re save: pen:sa:re ole:re time:re se:para:re jake:re ḍʒa:ṭʃe:re sede:re torḳe:re tene:re e:runka:re e:numera:re intume:skere kre:ske:re arde:re omne:s de:lika:tus du:ze: fret ple:nus di:re:ktus korre:ktus tre:s 'tre:		
i:	0069, 02D0	37
mui:r mui:r mari:tus mari:t ra:di:kem ra:di:ke radi:ṭʃe radi:ki:na wi:wenda pi: pi:t fi:ka:tum ri:wus ri:pa:ria rivi:k pi:k ka:li:ginem si:k ʃi:ḷ nif kammi:num mapi: sysi: respi:ra:re ri:de:re ri:dere xi:k vi:k aũdi:re uldi: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:dere ṭʃesi: teji: di:widere parti:re parti: ne:ḍʒi: ma:ṛṭʃi: weni:re vi:ni: ho:si: strengi: pu:si: lanci: loji: di:kere di:k di: skori: subti:lem suti:ḷ fri:gidus vi: di:re:ktus wi:ki:nus ḳẉi:nḳe ekkumhi:k ibi: ki: si:k ki:		

Appendix 3 - Words containing each segment

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

Appendix 3 - Words containing each segment

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

Appendix 3 - Words containing each segment

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

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

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

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

Appendix 3 - Words containing each segment

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

e

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

re fōmine kamminare tfinime māfse mergere mērdzere mērdze ambita:re andare weni:re benir venire veni ekstendere etādx ekstender estendere istēdex ištēder āstendrā ekstinde jake:re zezix jaθer dztatfe:re zēzēx zēzer dzere jesi sede:re ser sedere sēx ser fedzā sedenta:re sentar senta: sta:re estar stare leva:re lāve jēbar levare levāx lāve leva: alti:are ose altsare torna:re tu:ne tornare tu:ne gyra:re zivē dzirare vixē virare vixē torkʷe:re torθer tōrtfere turser turser tōartfe kadere kaer kadere tjjade tōbe tume dare dare dona:re dōne donare dine tene:re tener tenere tēx ter tsine segurar eksprimere epēdx ekspremir sprēmere isprēmēx isprāmer āspremā esprimi skreme serrere serar sēxā serare sēxē θerar serrare sere appetora:re apretar stringere etēdx estrepir strindzere stringe strindze frika:re fūēje fregar fregare frea freka frikta:re fūote frettare fūote laware lave lavare lave tergere tērdzere ekstergere estarsir fterdze eksu:ka:re esqije enxugar affugare suwe limpida:re tira:re ti:xe tirare tire pulsa:re puse pulsare trahere trarre traze trēzer tradze impingere impindzere impindze jakta:re zōte eθfar dztettare dztete lanke:re lāse lanfjare e:runka:re arronfjare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kutfjire kuzer kuzer cōase komputa:re kōte kontare kōte e:numera:re enumev enumerar enumerare enumerar enumerar enumera numera:re nōbēx noverare numera numera: dikere deθir dire dizer dizer zifje ekspo:nere sporre spune kanta:re fūte kantare tjjāte lu:dere jōka:re zve dzokare dzuwe flu:ktuare flykttje fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare kōle ekskurrere eskurir skorrere isko:vēx ijkurer skurdze kurrere korer korrere kōvēx ku:er kurdze gela:re zōle elar dzelare dzale glakia:re glase gjatfjare inglakia:re ingetsa aūgmenta:re ogmāte aūmentar aūmentare aūgmentar aūgmentar augmenta infla:re āfle enfiare ēfle enfla: konfla:re gōfle gonfjare gōfle intume:skere entumeθer itumeser itumeser kre:ske:re kreθer kreffere kresev krijses krefzā krefte bōyle bruffare bōu:le krema:re kōame kemar kremare kējmare kējmāve flamma:re flame fjammarē arde:re arder ardere a:dek v:der arde flagra:re flagvē flagrare inkendere ēsādzje enθender intfjendjare isēndzjar ānsendrā intfjindze ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espo spesso ispesu grabe grēve grew grew lardo lardo pekeno pekenu pikenu brewis brebe brew b:ref etzwa estrefjo stretto menuado delya:do delikato dewgadu subti:lem sottile subtsire freddo rekentem reθjente retfente kēsēfi kēsēfi

retsint refje leno nweſo wetulus bjexo veļu veļ vjei vek' bweno putred putrem poðre drept redondo redōdu hebetem
ēbete retu:sus retuzo sua:wem soave netto neted umed seko sekko seku seku sek korretto proizme adpropre aprōape
pressus prē beñino vefjin ðerka dekstrum djestro destrā djestri sinjestro sinestro sinestri vermikulus bermexo vermiłło
vørmeļu rubeus rubeo rudge wiridem vør berde verde verdi verdi verde galben amarellus krokeus krofjeo due tres
tre tres tref k'w:ink'e tñjkwē ekkumhi:k k'w'em kjen tñne ke ke tje tje kome tjemu:t nek ne en deintus avek et e e e e
ke ke ke

fe:mina fam femmina femēv femjē fembra fœm fēminē femeje infantem āfā infante fante ifēſi ifēti efā fru:ktus fŕuŕi fruto
frutto frutē frutē frujt frȳ frut frukt folia fœj fǫłła fołē fołē fułā fǫj fwēe fǫaje frondea frondza frōsē frōsē frunzā
flo:rem floēx flor fjo:re flox flor flō fłōx flō:r flǫare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato figēdu fȳēdu fedžā
fœt fja:t fikat flu:men fjume flumi flumi flum fu:ma:ta fyme fumata fuma:ta fumasē fumasē fumate ni:f ne:f fu:mus fumo
fumu fumu fum fum fum fokum fō fwego fwōko fogu foyu fōk fō: fu:k fok suffla:re sufle soffjare sufle sofła: sufła
fra:gra:re flēke fragrare flājra findere fādū fēndere fēdēx fēder fēndrā fēt fodere fwīx frika:re fŕeje fregar fregarē frēga froj
frea freka iffriŕar iffriŕar frikta:re fŕote frotar frettare fŕote frisar frēsa flu:ktua:re flyktqē flugtwar fluttuare flutuax flutuar
fluktua fluctua fluita:re fluitare flote flye fluir fluire flwīx flwīr flui infla:re āfle enfiare imfla ēfle enfla: umfla konfla:re
gōfle gonfjare gōfle zgłōŕfa: flamma:re flame fjammare flama flama: flagra:re flagke flagrar flagrare flagwax flagrar gŕijef
bŕef bŕef fri:gidus fŕwa frio freddo friu friu frēt frēwē frēt pu:f

hominem homo: pəhō u:hɛ: herba hare:na kinɬ hɔ:si: trahere hebetem ekkumhi:k abhoco

io noi voi femina femina femina mulierem domina hominem infantem infante ifēfi nipo nino ispoza mulier mari
marido marito maridu meridu marit merit ispozu sokius mari pari animalia alimaja be:stia biffa bife bife bis piskem pejfi
avi awikellum pidokkjo pioļu pioļu pedoli sešpēfi sarpint vēsmi ašvori silwa fūqi sementis simjente semēfi simēs grin
folia raiθ kais ķeif kadi kasin rēdāšfina kortikem kortiķe kōķfisi kōrtisi kortikea kōķfise kurtise rista ķešfi koķķie kodie
peli kaņni bibjenda vivanda vivēda vivēde sang'inem sēgi adipe pilus kapillus fivja kapitia o:rikla voli nariθ nariķe naris
nerif dēfi dint dinte piez petiolus pehiolo pitfōlo pitfjor genikulum inoxo đinokkjo đinō đenoli vintri vintre pantikem
intera:nea ispadwē ispadwē sinus si pi pit anima anime inimō iyađo figēdu figēdu fijat fikat solikulus soreli istrelē
pluwia plūi flumi rio rio kiw kiu kiu riw ripa:ria kivjēk rivi:k lapidem lapide arinō nu:bilus ka:li:ginem kalina kalidžine
kalizēj kelizēj tinjeblas kajkia 'vint niwem nevi kinerem θeniθa fjinize wia bia via vie vie biā istradē iftradē kamino
kammino kēmiņu kēmi mōšfi nūi nit die:s dia di die die diā di zi diurnum diurna:ta nomi no:minem ling'a lingwa limbā
bibere bevi mwardi morsika:re morsikare kuspis kuspis eskupis askupi vomis vo:mi respirar respirare ʔespirar ʔispirar
rēspira respira: kis reir kis kīr riwrā ridi wide:re vjodi wis oir udire owvis owvir ui auzi fti kinoh koposi ko:gita:re
kūide kwidar koķģitare kuzitar kuzitar sātis sentir sentire sēfjix sētir sēti sēti sinti: simtsi olire time:re temi trima:
dōsmis dormir dormire dōsmis durmir durmi dwašmi dormi vivb bibir vivere vives viver biwrā vivi via muvis morir
morie muri mōri muri tu:tari oksis utfidere uksi ufdide batir bati kaptiare taliare di:widere dibidir dividere đividžis
diviđir dibidi dividi divide skindere findere findere paktis partir partire pašfjix pērtir pērti pō:rti pūzis pūžir pupi fwix
ifķevāš ifķevāš naviga:re navigare naviga: naviga fōmine kaminar kamminare kēmiņāš kēmiņar kēmina fimine camina:
ambita:re vānis benir venire vis vir bāni vini viji: veni istēdēš iftēder ekstinde zezis jesi altia:re zise xixar đigare žirar
žirar žira đira: vixē birar virare virar žirar bira vixē đira: ķeir ķeir dine tānis tāni tini tinji tsine eksprimere ekspremir
isprēmēš isprēmēš esprimi stringere estrepir strindžere āstrizir āstrizir stringe frika:re frikta:re frisar estarsir ēstārži esųje
limpida:re limpiar tirare tixē tirar tirare fira tirar tira tire tira: impingere impindžere impindžere xita ligare lie liya kušfire
kuzi kuzi diš deθir dire dizer dizer di zifje ludir fluitare fluitare fluitare fluiur fluire flwis flwir flui eskurir ifķokēš ifķurer kuvis
kori glakia:re inglakia:re inflare infar enfiare imfla intume:skere inkendere inšendjare inšindže oņni altri alius grēđi
spissus ispesu ispesu grawis gŗijef gravi grēvi pittitus pēti pētit piti 'pittinus pittfino putsin pitulus pikkolo pišful brewis
brevi striktus istrejtu minu:tus minuto miudu miuđu minu minūt de:lika:tus delikato dēlikat sutil sottile sušwiw sušwiw
suptil su:ti subtsire kalidus frigidus frio friu friu kēsēfi kēsēfi retsint plin vjei putridus pođriđo putrido puđrit podri
sordidus sordido sōrdido sōrdidu sōrdidu ispurku ispurku dritto đirejtu dīrejtu ritondo nitidus niđio u:midus umido umid
sikkus proksimus proximo prōssimo prosimu prosimu proizme prosim beđino višfino viziju viziju bāi vižē višfin vešfin
kirka djestri sinistrum sinjestro sinestro sijestri vermikulus vermiāλλo wiridem galbinus amarijo kwatri θinko fjinķwe sink
'fjinķ fjinf isi aki kwi aki eki aki aki illa:k ibi:

Appendix 3 - Words containing each segment

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jo jew nojs vɔjs femje femeje mujere mujere omaj nɔmaje utʃjel ʃjē pjoxo pidɔkkjo pju pɔdukje serpjente sjɛrɔpē vjer vjer vjerme frujt simjente fœj fɔj fɔaje fjo:re jɛp jarbe jarbɔ funje pjel pja pjel pjele vjɔd bibjenda pjuma ʃʃivja orekkja œj ɔkkjo u:j gœj djente ungja ungje pje pje pjɛ:de pjerna pitʃʃor ɟinɔkkjo bjentre ɔtɔaj pjept fija:t jubja pjodɟa ploje plɔaje fjume ɔivjɛs pjɛs pjɛdra pje:tra pje:re pjatrɔ so:vjɔ sabbja tjera tjere njɔly njebla nebbja tinjeblas sjel ʃjelo bjento njebe gjatʃa djurno skujpa soʃʃjare vjodi kujda flɔjra sje taje teji: taja: taja jugula:re jugula:re jake:re jesi ʃʃjade tinji esujje suja: limpjar jakta:re lɔji: joka:re ɟuja: gjatʃjare gonʃjare ʃjammare ɛsɔdʃe inʃʃendjare isɛdjar majjo:rem ampjo gɔijef reʃjente pjɛ:no vjɔ bjexo vɛkkjo vjei djestro djestri sinjestro rubjo rɔbbjo kjen

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sokius piskem awikellum kanem kan kane kēw kēw ka kijne peduklus pidɔkkjo pɔdukje fru:ktus frukt ra:di:kem ra:di:ke ra:di:ki:na kortikem kortiʃe kɔtʃisi kɔrtisi kortikea korteθa kortetʃa kɔtʃise kurtise skortea ekɔs skɔrtsa ɔskɔrsɔ skwas skwartse skɔartsɔ kwan kotenna koɟiɛ koɟiɛ konnɔ karnem karne karni karni karn karne saŋk kɔ:ɟ kornu: kɔɔn kwerno kɔɔno kɔɔnu kornu kɔɔn kwɛn kwa:r korn kaɟda kɔ kola koda kawdɛ kawdɛ kua kɔw kɔdɛ kapillus kabejo kapello kabelu kɛʃɛlu kɛbɛl kapitia kɛʃeθa kavetʃsa kabesɛ kɛʃesɛ kap kap o:rikla orekkja ureke okulus ɔkkjo bukka boka bokka bokɛ bokɛ bokɔ bok bukɔ kambɔ pɛkol genikulum ɟinɔkkjo pantikem kollum ku kwejo kollo kɔlu kɔlu kɔl kwel pektus kor kœs kwœre kœ kor kor ku:ɔ ku:r fika:tum fikat solikulus akkwa lakum lak ʌak lak lak saksum ka:li:ginem kalina kalidʒine kalizɛj kɛlizɛj kajkia kajlum fokum fwɔko fɔk fu:k fok kinerem kammi:num kamino kammino kamjnu kɛmjnu kɔmi komedere komer kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka konspuere kɔspye kuspiɔ kuspɔr eskupɔr ɔskupi skujpa ski:re kogno:skere kɔnɛtɔ konɔθer konɔʃʃere kɔpɛsɛ kupiser kunɛʃ kinɔh koposi kunɔʃʃte ko:gita:re kɔide kwidar koɟitare kuzitaɔ kuzitar kujda kuɟeta kɔɛdɔ neka:re neka makta:re okki:dere ɔksɔ uksi kaptia:re kaθar kattʃare kasɔ kɛsar kɔsa seka:re kurtare kortar kɔstɔr kurtar ekskurta:re ekuɛte skortare skurta: skurta skindere raskar ɔaʃkaɔ ɔʃkaɔ rɔska kosaɟ kusar kawa:re kabar kavare kɛvɔ kɛvar kɔba ekskawa:re eskabar skavare iʃkɛvɔ iʃkɛvar kaminar kamminare kɛmjna kɛmjnar kɔmina ekstendere ekstender ekstinde jake:re kadere kaer kadere kɛir kɛir kawɔ kɔdɛa eksprimere ekspremɔ skreme appektora:re frika:re freka frika:re ekstergere eksu:ka:re uska jakta:re lankea:re e:runka:re arankar aruŋka ko:nsuere kudɔ koser kufire kuzer kuzer kuzi kɔ:z kuzi komputa:re kɔte kontar kontare kɔtar kɔtar kumta kɔte konta: di:kere ekspɔ:nere kanta:re kantar kantare kɛtar kɛtar kɔnta kinta joka:re ɟokare zuka flu:ktua:re flyktɟe fluktua ko:lare kule kolar kolare koaɔ kuar kuɔa kɔle ekskurrere eskurɔr skorrere iʃkœvɛ iʃkœrɛ ɔskorɔ skori: skurɟe kurrere kuɔiɔ korer korrere kœvɛ kuɛr korɔ kori kurɟe glakia:re inglakia:re konfla:re intume:skere kre:skere kɔwatɔ kreθer kreʃʃere kreʃɛ krɔʃɛr kreʃɔ kreʃte krema:re kɔame kemar kremare kɛjmare kɛjmaɛ krɔma inkendere okɔɛ alkuno paɟkus poko pɔko powku powku pɔk pɔ:k lunk ʌark lark krassus pekeɔ pekenu pikenu pikkolo kurtus kuɔ korto korto kuɔtu kurtu kurt ku:ɔ kurt striktus de:lika:tus delikato dolikat kalidus kaldo kaldo kawdu kaldu kaɔ kald rekentem vɛkkjo sporko ispuɔku iʃpuɔku spɔrk spurk di:re:ktus aku:tus sikkus sek seko sekko seku seku sek sek sek korre:ktus korretto proksimus wi:ki:nus kirka θerka dekstrum vermikulus krokeus krotʃeo grɔk katɔ kwatro kwattro kwatru kwatru kwatrɔ kwat kwatri sɛk θinko ʃʃiŋkwe siku siku siŋk sɛk 'ʃiŋk ekkumhi:k aki kwi aki ɛki aki illa:k ki ki ki ki: kwi kjen kɛj kɛj kwa ke ke ki ki kɛ kwe: kɔ kwando kwando kwɛdu kwɛdu kwan kwand kwant kind kɔmɔ komo kome komu komu kɔm kɔmɛ kum nek kum kon kon kɔ kɔ ku avek sik kɔ ke ke ki kɔ ki: ke kɔ

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mulierem mulier animalia alimaja nema:l awikellum utʃfello utʃjel peduklus pedoli aɔʃol albero arbul silwa selba selva selba selve pa:lus pal palo palo pal pa:l folia ɔrel flo:rem floɔs flor floɔs flor flɔ flo:ɔ flo:r floare pellem pjel pelle peli peli pjel pjele kola plu:ma plym pluma plomɔ plɔm plume pilus pwal pelo pelo pelu pilu pel pe:l kapillus kapello kabelu kɛʃɛlu o:rikla orele okulus voli gula gœl gola gola golɔ gole ungula ɔgl ɔŋgule petiolus peθiolo pitʃɔlo pɛkol genikulum ɟenoli a:lɔ el ala ala alɔ el ale kollum kollo kɔlu kɔlu kwel spatula epol espalda spalla spal spale alma alma alme so:lem sol sole sɔl sɔlɔ solikulus sɔlɛj soreli lu:na lyn luna luna lue lue lɔn lune lunɔ ste:lla etwal stella istreɛ iʃtreɛ ɔstɛl stɔ:l stele pluwia plɔi pluzɔ plu:ɔ ploje plɔaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak la:t lak sa:lem sel sal sale sal sal sa:l lapidem laude lapide sabulum sabl savalɔn sabula pulwerem polvere polvar pulbere pulwus polbo pols nu:bilus nublo nuvola nublado nublado nu:l ka:li:ginem kalina kalidʒine kalizɛj kɛlizɛj nebula njɔly njebla newlɔ tinjeblas kajlum sjel ʃjelo ʃjelo sɛl ʃi:l gelu: zel jelo ɟelo glas glas gles glatʃe lingʷa lɔg lengwa lingwa ligwe ligwe lɛy 'lɛŋge limbɔ suffla:re sufle sufle sofia: sufla uldi: ole:re oler olire ulura flɛɛ flɔjra pulsa:re pulsare pulsa: pulsa ta:lia:re jugula:re zygye jugula:re wola:re vole bolar volare bula vɔle zvolare zvola: leva:re lɔve levare levɔs livar lɔve leva: lua altia:re alθar altsare ɔlsa altʃa: lawa:re lave laʃar lavare levar levar lave lava: la limpida:re limpjar lipar lipar pulsa:re pulsare pulsa: pulsa lankea:re lɔse lanθar lanʃare lɛsa lɛsar lanci: lanʃa: liga:re lie legar legare lɔji: lea: lega lu:dere ludir flu:ktua:re flyktɟe flugtwar fluttuare flutuɔs flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwɔ

flwir flui ko:la:re kule kolar kolare kōle gela:re zōle elar d̥elare zilar zilar zōla d̥ale glakia:re glase gl̥sa gl̥ʃa: inglakia:re
 inf̥la:re āf̥le im̥ʃla ēf̥le en̥ʃla: um̥ʃla kon̥ʃla:re gōf̥le gōf̥le zglon̥ʃa: b̥ōyle b̥ōu:le flam̥ma:re flame flama: flagra:re flag̥e flag̥ar
 flag̥rare flag̥k̥aḥ flag̥rar ustula:re ustolare multus molto mol molc mult alguno alkuno əlgu alter altro altr̥a altri alt alius
 longus lō longo lungo lōgu lōgu lō lunk lung largus l̥aḥ3 l̥aḥo largo l̥aḥgu largu lark larg la:tus le lato lato latu latu lat
 amplus āpl̥ ampl̥a lurdus l̥uḥ l̥erdo lordo l̥erdo l̥erdo pitulus pikkolo piḥḥul de:lika:tus d̥eḥaḏo delikato d̥alik̥at sub̥ti:lem
 sutil sott̥ile sup̥til suti:l kalidus k̥aldo kaldo kaldu calt kald ple:nus pl̥ē pl̥ē pl̥en pl̥in wetulus malus mal malo malo mal
 ma:l lw̥ēḥē lontano lontan vermikul̥us galbinus galben amarellus ɛmarelu ɛm̥er̥elu albus albo albo alvu alb alb illa:k la la
 la la la la

[illegible]

nos nu nos noi nojs nɔf no no: noj fe:mina femmina femine domina donna done done done done dɔamɔə hominem
 infantem infante fante nijo nino nenē nenē nen sponsa sponsus animalia nema:l nɔmajɛ kanem kan kane can kijne
 serpentem serpiente serpente sɔrpen sarpiɔt se:men sementis simjente semente sɔmen semenfɛ sɔminfɛ gra:num gɔɛ
 grano grano grin gran frondea frondza frunzɔ rɔ:di:ki:na ɔasin ɔɛsɛn rɔdɔfɛina gra:men gɔamen fu:nem fune funje kwan
 kotenna konnɔ karnem karne karne karni karni karn karn wi:wenda bibjenda vivanda sangw'inem sangwe sindɛ kornu:
 kɔɔn kwerno kɔrno kɔɔnu kornu korn kwen korn penna pɛn penna penɛ penɛ pen pɛne panɔ na:sus ne naso na:so nas
 ne na:s nas nariθ nariɛ naris nɛriɛ nari:s dentem djente dente dint dinte ungula ungie perna pjerna perno pɛnɛ
 pɛrne pɛrnɔ genikulum zɔnu inoxo dʒinɔkʒjo zɔnɔɔ dʒino dʒenoli dʒenunkʲ manum mano ma:ɔ minɔ wentrem bjentre
 bentrɔ vintri vintre pantikem panθa pantʃa pantse pintɛɛ intera:nea entrɔpa ɛntrɔpɔ sinus seno seno sen san anima
 anime inimɔ lu:na lyn luna luna lɔnɔ lɔn lune lunɔ flu:men hare:na arena ɛrenɔ arinɔ savalɔn nu:be:s ny nube nube
 nuvɛj nuvɛj nu:bilus nublo nuvola nubladu nubladu nuɔuɔ nu:l nor kaliginem kalina kalidʒine nebula nʒɔly njebla nebbja
 nɛvwɛ nɛvwɛ newlɔ negurɔ tene:braj tɛnebre tene:bras tenɛbɔ tinjeblas tɛnebre tɛnebrɔs wentum bjento vɛnto ben 'vint
 vint niwem njebe neve nevi nɛvi new ni:f nɛ:f nɛa kinerem tʃenere sɛndrɔ θeniθa tʃinize tʃenuɔɛ kammɔ:ɔnum kamino
 kammino montem monte monte mun mɔnt munte monta:nea montaja montajna montajna montajne noctem nʒi nɔfɛ
 nɔtte nɔtti nɔtti nit nyt noapte diurnum djurno dʒorno zorn zɔɔna zɔɔna diurna:ta zɔɔne xornada dʒornata dʒornade

Appendix 3 - Words containing each segment

annum anno enu enu an no:men nō no:me nomi nomi nōm nō nōj nume no:minem nombre ling^wa lingwa 'lenge manduka:re mandukar mandžare minka konspuere kogno:skere konetw konoθer konoffere kunefw kinw kunqafte pēnsa:re pensar pensare pēnsa senti:re sentir sentire sēnti sinti: neka:re nwaje nāga neka anegar annegare pugna:re skindere findere findere ender fendere fendrā pungere pundžere pundže nata:re nadar nwotare nadaw nēdar nāda nada: naviga:re naze nabegar navigare naviyax nēviyar nābāga nēdži: naviga: naviga fəmine kaminar kamminare kəmina fimine camina: andar andare weni:re vāniw benir venire bāni vini veni ekstendere ekstender estendere əstendrā ekstinde sedenta:re sentar senta: torna:re tūne tornar tornare toṇaw turnar turna tu:rne torna: turna dona:re dōne donar donare duna dine dona: tene:re tāniw tener tenere tāni tini tinji tsine stringere strindžere stringe strēngi: strindže enxugar impingere impindžere impindže lankea:re lanθar lanfjare lānsa lanci: lanfja: e:runka:re arankar arronfjare ko:nsuere kontar kontare konta: e:numera:re enumeṁe enumerar enumerare enumerar enumerar enumera:re nōbwe noverare numera:re numara ekspo:nere spune kanta:re kantar kantare kanta canta: kinta inglakia:re ingetsa aųgmenta:re aųmentar aųmentare aųgmentar aųgmentar augmenta infla:re infjar enfiare enfla: konfla:re gonfjare intume:skere entumeθer inkendere enθender infjendjare isendžiar ənsendrā infjindže omne:s tantus tanto tanto tant tanc alguno alkuno magnus grandem grande grande gran grant longus longo lungo lunk lung antjo 'pittinus pitfino pekenu pikenu putsin angustus angosto angusto minu:tus mēny menudo minuto manut minu minu:t mērunť rekentem reθjente refjente retsint ple:nus lēno pjēno plen plin nowus nuvo nweṁo nōvo novu novu nōw nōve now bonus bweno bwō:no bōn bōn bun rotundus redondo ritondo tarōnt rētund nitidus net niđio netto nēdžu nēdžu net net net

ed wiki:nus beθino viťino viťin veťin lontano lūnta lontan sinistrum sēnēstw sinjestro sinistro galbinus zon đžen galben u:nun uno uno un unu k^w:ink^we θinko ffinť kjen ffine k^wando: kwando kwando kwan kwand kwant kind no:n nō no non nēw nēw no nō no nu nek ni ni ne nēj nēj ni nē in en in ən in deintus dins kon kon

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jo io jo nos no bos vof vos vose voste mołłe domina dona done done hominem ombre omēj om homo: wāmo nijo nino sponsa esposa ispoza ifpozē mołłe mariđo marito sponsus esposo spōzo ispozu ifpozu sokius sōjfo sots omaj wazo utfello paxaro passero pjoxo pidakkjo piołū piołū poł pedoli arborem arbol albero aŗvori arbore palo palo fruto frutto grano grano folia oxa fołe fołe frondea frondza kortikem kortiťe kortikea korteθa kortettja koŗťise skortea ekōws flor floŗ kotenna kođjie kodie konnā po ossum weso əsso osu osu os webō wōvo ovu ovu ow kornu: kverno kōrno kōnu kōnu korn kola koda plomā pelo pelo kabējo kapello oŗej orexa orekkja orełe oŗejłe orele okulus oxo əkkjo ołū ołū voli ok^l naso na:so boka bokka boke boke bokā gola gola golā perno petiolus peθiolo pitťolo pekol pitťor inoxo đžinakkjo ženoł đženoli mano ma:no kollum kwejo kollo dorsum do đasso dos do epol seno seno peťjo petto kor kor iyađo fegato sol sole solikulus soreli o pjodđza ploje rio rio lago lago sasso sorā polvere polbo pols nublo nuvola nor θjelo fĵelo bjento vento jelo đželo umo fumo fokum fwego fwōko fogu fōyu fok kamino kammino montem monte montaneā montajna montarjna noctem noťe djurno đžorno zorn xornada đžornata đžornade ajno anno nomi nomi nombre komedere komer kome morde:re moŗđw morđer moŗđew morsika:re moskar morsikare konspuere womere vomiw soffjare sofła: vjodi oir owvix owvir kogno:skere konoθer konoffere koŗesew koŗosi kođžitare ole:re oler olire odo:ra:re odorare dormi:re dormir dormire doŗniw dormi morir morire moŗew okki:dere kortar koŗaw skortare kosał fodere nwotare wolā:re vole bolar volare voaw zvolare zvola: ose torna:re tornar tornare toṇaw torna: tork^w:ere torθer dona:re donar donare doa dona: appekto:re fĵote frotar fĵote arronfjare koser komputa:re kontar kontare konta: noverare sporre joka:re đžokare zogaw kolar kolare koaw skorrere ifkoŗew əskorā skori: korer korrere koŗew korā kori ogmđte konfla:re gonfjare zglonfja: ustolare omne:s oŗpi todo tutto todū tođū tot tot muťo molto mol molc tanto tanto okōe alguno alkuno poko pōko powku powku otr otro altro owtru owtru mapo mapno longus longo lungo loŗj larjo largo lato lato antjo ampjo graso grasso espeso spesso gordo grossus gŗo grōsso grosu grosu gros lerdo lordo lerdo lerdo pekepo pitťino pikkolo korto korto angosto angusto estreťo stretto menudo minuto delyađo delikato sottile fo kaldo kaldō frio freddo lēno pjēno nowus nuvo nweṁo nōvo novu novu now bjexo vekkjjo bonus bweno bwō:no malo malo pođriđo putrido pođre pođri pođri sordidus sordido sōrdido spōrko dritto rotundus redondo ritondo rādo aųuđo retuzo soave niđio netto umido seko sekko korre:ktus korretto proksimus proximo prōssimo prosimu prosimu proizme prosim adproppe presso beθino viťino lontano lontan djestro destro sinjestro sinistro roxo rosso woŗw woŗu ros roŗu bermexo vermiłło rubjo rōbbjo rubeo rubeo zon amarijo krokeus krotĵeo albo albo uno uno dos dos dowā k^wattwor kwatro kwattro θinko kwando kwando k^w:o:modo komo kome komu komu no non no no kon kon abhoc k^wod

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sponsa epuz esposa spōza ispoza ifpozē əspōzə sponsus epu esposo spōzo ispozu ifpozu əspōs spo:s patre peŗ padre pa:dre paj paj parā pēŗ pari piskem peθ peťje pejfi pejfi peŗ pes peťte pwasō pehō passerem paxaro passero paseru paseru pasere peduklus pu pjoxo pidakkjo piołū piołū poł pju pedoli pādukje serpentem seŗpā serpjente serpente seŗpēťi sirpēti sēŗpen sjēŗpē sarpint farpe pa:lus pal palo palo paw paw pal pa:l par jep pellem po pjel pelle peli peli peł pja pjel pjele adepem adipe plu:ma plym pluma pjuma plomā plōm plume penna pen peŗa penna penē penē peŗa

Appendix 3 - Words containing each segment

pen pene panā pilus pwal pelo pelo pelu pilu pel pe:l pār kapillus kapello kapitia kap kap pedem pje pje pje:de pē pē
 pew pi: pīt piez džāp perna pjerna perno pēnē pērnē pērnā petiolus pebiolo pittjolo pekol pitfjor pantikem pās pantha
 panfja pēsē pēsē panfjā pās pantse pinteſe spatula epol espalda spalla iſpadwē iſpadwē əspaʌʌʌ spal spalē spate pektus pi
 peſfo petto pejtu pejtu pit pēt pjept apə pluwia plūi pjodſa plužə plu:ʌ ploje pləaje ri:pa:ria petra pjeʌ pjeđra pje:tra
 pedrē peđrē peđrā pi:ʌ pje:re pjatrā lapidem lapide pulwerem pudʌ polvere pəlvar pulbere pulwus polbo pə pə pols
 nqapte konspuere kōspyē kuſpiʌ kuſpir eskupir əskupi skuja sputere esputar sputare spuda: respi:ra:re respirar respirare
 ʌespirar ʌiſpirar rəspira respira: sapere sapere pēnsa:re pāse pensar pensare pēsə pēsar pənsa pēsē pēnsa: pəsa pugna:re
 puñar puñare puña kaptia:re pulsa:re puse puxar pulsare puſəʌ puſar pulsa: pulsa parti:re partix partir partire paſfjix
 pərtir pərti pə:rti parti: se:para:re separar separare separəʌ siſərar səpəra separa: separa pungere pweđʌ punđere pūziʌ
 pūzir puji punđe eksprimere epweđʌ ekspremir spremere iſprəmeʌ iſprəmer əspremə esprimi appektora:re apretar epirtar
 epirtar limpida:re limpjar lipar lipar pulsa:re puse puxar pulsare puſar puſar pu:si: pulsa: pulsa impingere impinđere
 əmpēnə impinđe apta:re komputa:re ekspō:nere sporre spune paʌkus pə pəko pəko powku powku pəʌ pə pə:ʌ amplus
 āpl ampjo amplə spissus epe espeso spesso ispesu iſpesu əspes spē pittitus pəti pətit piti 'pittinus pekeņo pittfino pekenu
 pikenu putsin pitulus pikkolo piſful suptil ple:nus plē pje:no pte plē plen plin putridus pođriđo putrido puđrit putred
 putrem pođre pođri pođri spurcus spərko iſpurku iſpurku spərk spurk drept proksimus proximo prəssimo prosimu prosimu
 proizme prosim adpropre əpɾəp əpɾəpe pressus pɾe presso pɾe patru

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

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no:s nos nojs wo:s bos vojs bus vos usted vose vōse voste sponsa esposa spoza ispoza əspozə mari:tus sponsus esposo

Appendix 3 - Words containing each segment

spozo ispozu əspəs spo:s sokius sɔʃfo sots be:stia bis piskem pəs pwaso useɹ passerem passero paseru paseru pasəre peduklus serpentem sɛpɔ serpentem sɛpɛŋi sɪrpɛti sərpen sɛkɔpɛ sarpint silwa selba selwa sɛwva sɛlve selba sɛlve pa:lus fruktus sɛ:mən sɛmɛ sɛmɛntis sɛmɔs simjente sɛmɛntɛ sɛmɛŋi sɪmɛti sɛmɛn sɪmɛs sɛmɛntʃɛ sɛmɪntʃɔ frɔsɛ frɔsɛ ʁais ʁasin ʁɛsɛn kɔʁʃisi kɔrtisi kɔʁʃisɛ kurtisɛ skortɛa ɛkɔʁs skɔrtsa ɛskɔʁsɔ skwas skwartɛ skɔʁtsɔ restem rista resta sangʷinɛm sɔ sangre sangwe sɛgi sɛgi san sɔ:g sanʃ sindʒɛ ossum ɔs weso ɔsso osu osu ɔs vwɛs os gʁɛs grasa pilus kapillus kavettʃa kabɛsɛ kɛʃɛsɛ testɔ testɔ tɛstɛ testɔ tʃɛs tɛstɛ tɛʒastɔ okulus na:sus naso na:so nas na:s nas naris na:ris petiolus pɔs pɛsɛ pɛsɛ pɔs dorsum dɔsso dos dwes spatula espalda spalla ɛspaɹɹɔ spal spalɛ spate sinus sɛ seno seno seju seju si sen san pektus so:lem sol sole sɔw sɔt sɔl sɔlɔ sqare solikulus sɔlɛj soreli stɛ:lla estreja stella istrelɛ ɔstɛl stɔ:l stɛl stɛa ri:wus sa:lem sel sal sale saw sal se sa:l sare saksum sasso seɟʃu seɟʃu sabulum sabl saɟbru saɟbru sorɔ so:vjɔ savalon sabula sabbja pulwus pols nu:bɛ:s nu:bilus tene:bra:s tinjɛblas tɛnɛbrɔs fuməsɛ fuməsɛ sjɛl sɛw sɛw sɛl si:ʁ glas glas glɛs fu:mus sɔdɔ sendrɔ sɛ:d sɪzɛʃ sɪzɛʃ strata estrada strada istradɛ diɛ:s morsika:re moskar morsikare musəga musəgar musəɣa murseka su:gere syse sugaʁ sugar sysi: suɟɛ konspuere kɔspye kuspɪʁ eskupɪʁ ɛskupi skujpa sputere esputar sputare spuda: suffla:re sufle soffjare sufle sofla: sufla respi:ra:re respirar respirare ʁespirar rɛspira rɛspira: ski:re sapere savwaʁ saber sapere sabɛʁ sɛbɛr sɔʃɛ savɔ:ʁ save: kogno:skɛrɛ kɔnɛsɛʁ kupɪsɛr kɔpɔsi pɛ:nsa:re pɔsɛ pensar pensare pɛsɔʁ pɛsar pɔnsa pɛsɛ pɛʃsa: pɔsa senti:re sɔtiʁ sentir sentire sɛŋʃiʁ sɛtiʁ sɔnti sɛti sinti: sɪmʃi ɔksɪʁ uksi fɔsɛ kasɔʁ kɛsar kɛsa tʃɛsi: pulsa:re puse pulsare pulsa: pulsa sɛka:re sɟɛ segar segare segaʁ siɣar səɣa sea: ekskurta:re skortare skurta: skurta skindere sɛdɛ sɛ:para:re sɔvɛ separar separare separaʁ sipɛrar sɔpɛra separa: separa rasar rasare rasa: raskar rɛska kɔsaɹ kusar ekskawa:re eskabar skavare ekstendɛrɛ ekstender estendɛrɛ istɛdɛʁ ɔstɛndrɔ ekstinde jɛsi sedɛrɛ swaʁ sɛr sedɛrɛ sɛʁ sɛr sedenta:re sentar sɛtar sɛtar senta: sta:re ɛstar stare ɔsta ɛs sta: sta osɛ aɹsa aɹsar ɔlsa hɔ:si turser turser tɔrsɔ segurar siguraʁ siɣurar eksprimɛrɛ ekspremiʁ spɛmɛrɛ ɛspremɔ esprimi skɛrɛ serrɛrɛ serar sɛʁa sɛʁar sɛra serare sɛʁɛ serrare siʁar siʁar sɛrɛ stringɛrɛ estɛpɪʁ strindʒɛrɛ ɔstɛpɛ stringɛ strɛŋgi: strindʒɛ frisaʁ frɔsa ekstɛrgɛrɛ ɛstarsɪʁ ɔstɔʁʒi eksu:ka:re ɛsɟijɛ suwɛ suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa lɔsɛ lɛsa lɛsar lɔnsa kɔ:nsuɛrɛ kɔsɛr ɔʒasɛ eksɔpɔ:nɛrɛ spɔrrɛ spunɛ ekskurrɛrɛ eskurɪʁ skorrɛrɛ ɛskɔʁɔ skɔri: skurdʒɛ glasɛ glɔsa intumɛ:skɛrɛ itumɛsɛr itumɛsɛr kɛrɛ:skɛrɛ kɛrɛsɛʁ kɹɪʃsɛr ɛsɔdʒɛ isɛndʒɪʁ isɛdʒar ɔnsɛndrɔ ustula:re ustolɛrɛ ustura omɛ:s to:tus multus tantus paʁkus alius magnus longus largus la:tus amplus krassus graso grasso gras gras spissus espeso spesso ispesu ifpesu ɛspɛs spɛ gurdus grossus grɔsso grosu grosu grɔs grwɛs gros grawis lurdus pittitus 'pittinus pitulus kurtus brewis angustus angosto angusto ingust striktus estɛʁʃɔ stɛttɔ istɛʁʃtu ɔstɛrt stɔʁ: stɛrt strɪmt minɪ:tus dɛlika:tus subti:lem sutil sottile sufɪw sufɪw suptil suti suti: subtsɪrɛ kalidus fri:gidus ʁɛsɛŋʃi ʁɛsɛŋʃi ple:nus nowus wetulus bonus malus putridus sordidus sordido sɔrdido sɔrdid u sɔrdidu spurcus spɔrko ispurku spɔrk spurk di:rɛktus rotundus aku:tus retu:sus sua:wem soave suaw nitidus u:midus u:dus sikkus sɛk sɛko sɛkko sɛku sɛku sɛk sɛʃ sɛk sɛk kɔrɛ:ktus proksimus prɔssimo prosimu prosimu prosim pressus presso wi:ki:nus dekstrum djestro dɛstro dɛstru dɛstrɔ djestri sinistrum sɛnɛstɔ sinjestro sinistro sɛʃtru sɛʃtru sɪnɛstri russus rosso ros rɔs vermikulus rubeus galbinus amarellus krokeus albus duo:s dos dojs dos duas dues tre:s tres tres tres sɛk sɪku siku sɪŋk sɛk isi kʷis deintus dins sɪk si si si sɪ sɪ si si si

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tu: ty tu tu tu tu ty tu tu usted voste infanɛm infante fante ifɛti mari:tus marito marit mari:t mɔrit matrem patre tata tata tata tata tata tatɔ be:stia pɛʃtɛ utʃɛllo serpentem sɛrpjɛntɛ serpente sɪrpɛti sarpint fruktus fruto frutto frutɛ frutɛ fruɟt frut frukt sɛmɛntis simjɛntɛ sɛmɛntɛ sɪmɛti kortikem kortiʃɛ kɔrtisi kortikea kortɛθa kortɛtʃa kurtisɛ skortɛa restem rista resta ʁɛʃti kotenna kapitia kavettʃa testɔ tɛt testɔ tɛstɛ tɛʃtɛ testɔ tɛstɛ tɛʒastɔ dentem djɛntɛ dɛntɛ dɛti dint dinte pit petiolus pittɔlo wentrem vɔtɔʁ bjɛntɛ bɛntɔ vɛt vintri vintɛ pantikem pintɛʃɛ intera:nea ɔtɔʁaj entrɔpa itɛʁpɛ ɛtɛʁpɛ ɔntrɔpɔ spatula spate pektus pɛtto peɟtu peɟtu pit pet pjept fi:ka:tum fegato fɔ:t fiɟat fikat stɛ:lla etwal estreja stella istrelɛ iftrelɛ ɔstɛl stɔ:l stɛl stɛa la:t petra pje:tra pjatrɔ terra tɛʁ tjɛra terra tɛʁɛ tɛʁɛ tɛrɔ tɛ:ʁ tjɛrɛ tene:braj tɛ:nebrɛ tene:bra:s tɛnɛʁɔ tinjɛblas tɛ:nebrɛ tɛvɛʃ tɛnɛbrɔs fu:ma:ta fumata fuma:ta fumate wentum bjɛnto vento vɛtu vɛtu 'vint vint gɟattʃa strata estrada strada istradɛ iftradɛ montem monte monte mɔti mɔnt muntɛ monta:nea mɔtɔʁɔ montɔpa montɔpɔ mɔtɛʁpɛ mɔtɛʁpɛ muntɔpɔ mɔtɔʁɔ montɔpɛ noctem nɔtte noɟti noɟti nit nyt nɔt nɔapɛ diurna:ta ɟɔrnata sputere esputar sputare fti kɔnɛtɔ kunɔafɛ kɔ:ɡita:re kɔɟita:re kuzitaʁ kuzitar kuɟɛta senti:re sɔtiʁ sentir sentire sɛtiʁ sɔnti sɛti sinti: timɛrɛ temɛr temɛrɛ temɛʁ timɛr tɛmɔ tɛmi tɛmɛ tremɛrɛ tremɛr tremare tremɛʁ trimer trima: tu:tari tɟɛ tuwɛ makta:re mate matar mataʁ mɛtar mɔta utʃidɛrɛ battuɛrɛ batɔ batir batterɛ batɛʁ bɛtɛr batrɔ bate bati bate kaptia:re katʃɛrɛ kurta:re kortar kɔrtɔʁ kurtar ekskurta:re ɛkuɹtɛ skortare skurta: skurta ta:lia:re tɔʒɛ taxar taɹɹɔ:re taɹɹɔʁ tɛɹar tɔɹa tɛji: taja: tɔja fɛt parti:re pɔtiʁ partir partire pɛrtir parti pɔ:rti parti: nata:re nwɔtare ambita:re ekstendɛrɛ ɛtɔdɔʁ ekstender estendɛrɛ istɛdɛʁ iftɛdɛr ɔstɛndrɔ ekstinde sedenta:re sentar sɛtar sɛtar senta: sta:re ɛtɔ ɛstar stare iftar iftar ɔsta sta: sta alɹia:re alɹfa: torna:re tuʁnɛ tornar tornare tɔʁnɔʁ turnar turna tu:rne torna: turna tɔrkʷɛrɛ tɔɹdɔʁ tɔʁθɛr tɔʁʃɛrɛ turser turser tɔrsɔ tɔʁtʃɛ tɔbɛ tumbɔr tɔbɔʁ tɔbar tumba tume tene:re tɔniʁ tener tenere tɛʁ tɛr tɔni tini tinji apɛktɔra:re apɛrtar ɛpɪrtar ɛpɪrtar stringɛrɛ ɛtɛdɔʁ estɛpɪʁ strindʒɛrɛ ɛʃtrɪʒɪʁ ɛʃtrɪʒɪʁ ɔstɛpɛ stringɛ strɛŋgi: strindʒɛ frikta:re frɔtɛ frotar frettare frɔtɛ tɛrgɛrɛ tɛrdʒɛrɛ ekstɛrgɛrɛ ɛstarsɪʁ ɔstɔʁʒi ʃtɛrdʒɛ tirarɛ tiʁɛ tirar tirare tirar tira tira tira: trahɛrɛ tɛʁɛ trarre traze trezer tɛwɔrɔ traj tradʒɛ jakta:re zɔtɛ ɟɛttare zɛɟtar zɛɟtar xita ɟɛtɛ apta:re atar ɛtar ɛtar komputa:re kɔtɛ

Appendix 3 - Words containing each segment

kontar kontare kōtar kōtar kumta kōte konta: kanta:re jāte kantar kantare kētar kētar kōnta t̃jāte canta: kinta fluktua:re flykt̃ye flugtwar fluttuare flutuax̃ flutuar fluktua fluctua fluita:re fluitare gjat̃t̃jare augmenta:re ogmāte augmentar augmentare augmentar augmentar augmenta intume:skere entumeðer itumeser itumeser k̃kwat̃x̃ krejte ustula:re ustolare ustura to:tus tu todo tutto tod̃u tod̃u tot̃ t̃o dut tot multus molto mūjtu mūjtu mult tantus tanto tanto t̃ēt̃u t̃ēt̃u tant tanc alter ot̃x̃ otro altro owtru owtru altr̃e ðt̃ altri alt grant la:tus lato lato latu latu lat pittitus p̃eti p̃etit̃ piti 'pittinus pitt̃fino pitulus kurtus korto korto kũxtu kurtu kurt kurt angustus angosto angusto ingust striktus et̃wa estrej̃o stretto istrejtu iſtrejtu æstret̃ st̃x̃: st̃ret̃ strimt̃ minu:tus minuto m̃anut̃ minu:t̃ m̃arunt̃ de:lika:tus delikato d̃alik̃at̃ subti:lem sutil sottile suptil su:ti suti:l̃ calt̃ fr̃et̃ fr̃et̃ rekentem reðjente reſ̃ente ret̃sint̃ wetulus putridus putrido pu ðrit̃ putred̃ putrem di:re:ktus dritto ðirejtu direjtu dret̃ dret̃ drept̃ rotundus ritondo tar̃ont̃ r̃etund̃ aku:tus ægut̃ hebetem ebete ret̃u:sus retuzo nitidus net̃ netto net̃ net̃ ñet̃ed̃ korre:ktus korretto lw̃ēt̃e lontano l̃unta lontan dekstrum djestro destro destr̃u ðest̃r̃a d̃jestri sinistrum s̃onest̃x̃ sinjestro sinestro seſ̃tru seſ̃tru sipestri ṽert̃ ṽert̃ tre:s̃ t̃x̃wa tres tre tres tref̃ tres tr̃e: tre: trej̃ k̃w̃attwor̃ kat̃x̃ kwatro kwattro kwatru kwatru kwatr̃e kwat̃ kwatri patru kwant̃ t̃f̃emu:t̃ deintus et̃

U 0075

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nu vu bus tu tu tu tu tu tu tu tu uſted̃ mulierem muxer muł̃ex̃ muł̃er̃ muł̃e muir̃ mujere epuz mulier muxer muł̃ex̃ muł̃er̃ muł̃e muir̃ mujere maritus maridu m̃er̃ið̃u sponsus ep̃u ispozu iſpozu sokius awikellum ut̃f̃ello useł̃ ut̃f̃el̃ pasẽru pasẽru peduklus pu pioł̃u pioł̃u p̃ju p̃edukje arvuri arbul̃ pa:l̃us fru:ktus fr̃uto fr̃utto fr̃ute fr̃ute fr̃ujt̃ fr̃ut̃ fr̃ukt̃ gra:num fuł̃a fr̃unz̃a kurtis̃e fune funje ossum osu osu o:wum oṽu oṽu kõx̃nu kõnu kua pluma p̃juma plume pilus pelu pilu kapillus kabelu k̃eβ̃elu ureł̃a ureke okulus oł̃u oł̃u na:sus bukka buſ̃ buk̃a gula gur̃a ungula up̃a ungja up̃e up̃e õngule ungje petiolus genikulum z̃onu zueł̃u z̃weł̃u ð̃genunk̃^l manum kollum ku k̃olu k̃olu dorsum spatula sinus seju seju pektus pejtu pejtu fi:ka:tum fig̃eð̃u fiyeð̃u solikulus luna luna lue lue l̃una lune luña pluwia jubja juve juve pluza fjume flumi flumi flum ri:wus k̃iu lakum lagu layu saksum sej̃ſu sej̃ſu laude sabulum saj̃bru saj̃bru sabula pulwerem pud̃x̃ pulbere pulwus nube nube nuṽej̃ nuṽej̃ nu:bilus nublo nuvola nubladu nubladu nuβ̃u nebula negur̃a fumata fuma:ta fumase fumase fumate kajlum wentum ṽetu ṽetu fu:mus umo fumo fumu fum̃u fum̃u fokum fogu foyu t̃f̃enuf̃a kammi:num kam̃ju kem̃ju mun munte munt̃ar̃a diurnum zũx̃ d̃jurno diurna:ta zũx̃ne annum enu enu ñume kumer manduka:re mandukar̃ mur̃ðer̃ mus̃aga mus̃agar̃ mus̃aɣ̃a mur̃seka sug̃ax̃ sugar̃ cuca: suð̃e konspuere kuspĩx̃ kuspĩr̃ eskupir̃ æskupi skujpa sputere esputar̃ sputare spuda: suffla:re sufle sufle suffla udire ui uldi: auzi kup̃iser̃ kuñeſ̃a kuñq̃aste kuzitar̃ kuzitar̃ kujda kuð̃geta ulura dur̃mir̃ dur̃mi dur̃mi: mũxĩx̃ mũx̃er̃ murĩ murĩ: murĩ tuwe ut̃f̃idere uksi ut̃f̃ide pugnare pupar̃ pup̃nar̃e pup̃a battuere pulsa:re puse puxar̃ pulsare puf̃ax̃ puf̃ar̃ pulsa: pulsa kurt̃a:re kurtar̃ ekskurta:re ekũx̃te skurta: skurta pungere pund̃ere pup̃i punð̃e jugula:re jugula:re kusar̃ bula zbura lua tũx̃ne turnar̃ turna turna turser̃ turser̃ tumar̃ tumba tume duar̃ duna segurar̃ sigur̃ax̃ siɣ̃urar̃ enxugar̃ affugare eſ̃ugar̃ eſ̃uɣ̃ar̃ eſ̃uga suwe suja: uska pulsa:re puse puxar̃ pulsare puf̃ar̃ puf̃ar̃ pulsa: pulsa e:runk̃a:re arũnka ko:nsuere kud̃x̃ kuſ̃firẽ kuzer̃ kuzer̃ kuzi kuzi komputa:re kumta e:numera:re enumẽke enumerar̃ enumerare enumerar̃ enumerar̃ enumer̃a numera numera:re numera numera: numara sp̃une ludir̃ xugar̃ zuɣ̃ar̃ zuga ð̃uwe ð̃uja: zuka flu:ktua:re flugtwar̃ fluttuare flutuax̃ flutuar̃ fluktua fluctua fluita:re fluitare fluere fluir̃ fluire flui kule kuar̃ kuł̃a ekskurrere eskurir̃ iſkurer̃ skurð̃e kurrere kũxĩx̃ kũx̃er̃ kurð̃e augmenta umfla intume:skere entumeðer̃ itumeser̃ itumeser̃ bruſ̃fare bruza: ustula:re ustolare ustura to:tus tu tutto tod̃u tod̃u dut̃ multus mu muſ̃fo mūjtu mūjtu mult tantus t̃ēt̃u t̃ēt̃u alguno alkuno ælgu paɣ̃kus powku powku owtru owtru alius magnus longus lungō lōgu lōgu lunk̃ lung largus laɣ̃gu largu la:tus latu latu amplus eſ̃u eſ̃u krassus graſu spissus ispesu iſpesu gurdus grossus grosu grosu lurdus lũx̃ pittitus 'pittinus pekenu pikenu putsin pitulus piſ̃ful̃ kurtus kũx̃ kũxtu kurtu kurt kurt angustus angusto ingust striktus istrejtu iſtrejtu minu:tus menudo minuto miudu miuð̃u m̃anut̃ minu m̃arunt̃ de:lika:tus dewgadu deɣ̃að̃u subti:lem sutil suſ̃fiw̃ suſ̃fiw̃ suptil suti:l̃ subtsire kalidus kawdu kaldu fri:gidus friu friu ple:nus seju seju nowus nuvo novu novu wetulus vej̃lu veł̃u bonus bun malus putridus putrido puð̃rit̃ putred̃ putrem sordidus s̃ordidu s̃ordidu spurcus ispurku iſpurku spurk̃ di:re:ktus ð̃irejtu direjtu rotundus w̃ed̃oð̃u w̃id̃oð̃u r̃etund̃ aku:tus aɣ̃uð̃o eɣ̃uð̃u ægut̃ ret̃u:sus retuzo sua:wem suaw nitidus neð̃u neð̃u u:midus umido umid̃ umed̃ u:dus ud sikkus seku seku korre:ktus proksimus prosimu prosimu pressus wi:ki:nus vizipu vizipu l̃unta dekstrum destr̃u ðest̃ru sinistrum seſ̃tru seſ̃tru russ̃ us̃ kũ ɔ̃ofu roſu vermikul̃us vẽr̃meł̃u vir̃mej̃lu rubeus kũz̃ rubjo rubeo rubeo ruð̃e galbinus amarellus ẽmarelu ẽmer̃elu krokeus albus awvu alvu u:num uno uno uñ uɣ̃ unu duo:s̃ duaj̃ due duas dues dueſ̃ kwatru kwatru patru siku siku ekkumhi:k̃ kw̃eð̃u kw̃eð̃u komu komu kum nu deintus kum ku avu

V 0076

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vu voi ṽojs̃ vof̃ vos̃ vo: voj̃ vose ṽose voste avi avi ṽex̃ verme ṽex̃mi vermi verm̃ ṽjer̃ ṽjer̃ ṽjerme ãx̃vori arvuri selva sewva selṽe selve ẽx̃ve ẽr̃ve ṽj̃ad̃ vivanda viṽeð̃a viṽeð̃e vwes̃ w̃oɔ̃o oṽu oṽu ſ̃əṽə t̃f̃iṽja cavej̃ ſ̃əve kavet̃tsa voli ṽat̃x̃ ṽet̃ vintri vintre juve juve k̃iṽj̃ex̃ rivĩx̃ so:ṽj̃o saval̃on polvere polvar̃ nuṽej̃ nuṽej̃ nuvola neṽwa neṽwe treṽej̃ ṽa vento ṽetu ṽet̃u ṽe 'vint̃ vint̃ neve nevĩ nevĩ ṽwa via vĩe vĩe bevĩ pom̃ix̃ ṽom̃ere vo:mi ṽq̃ame ṽwax̃ vedere ṽex̃ ver̃ vi:̃x̃ ṽjodi ved̃a owvĩx̃ owvir̃ saṽwax̃ saṽõx̃ save: viṽx̃ vivere vivẽx̃ viver̃ vivi via dividere ð̃iivid̃ĩx̃ divið̃ir̃ dividi divide s̃əṽe ſ̃əve kavare k̃eṽax̃ k̃eṽar̃ java: skavare iſk̃eṽax̃ iſk̃eṽar̃ z̃java: naviga:re navigare naviɣ̃ax̃ nevĩɣ̃ar̃ naviga: naviga vole volare

Appendix 3 - Words containing each segment

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

W 0077 8

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

X 0078 34

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

Y 0079 22

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

Z 007A 49

epuz spōza ispoza ifpoze əspōzə spōzo ispozu ifpozu wazo frunzā piez sīzēf sīzēf ḡḡinize zi auzi kaze kazāḡ kēzar rēza zjava: zvolare zvola: zbura zezīḡ zēzēḡ zēzer zəḡḡea traze trēzer kuzer kuzer kuzi kō:z kuzi dizer dizer zīḡe zgloḡfa: bruza: retuzo proizme vwazē viziju viziju

ã 00E3 82

ḡḡāp pās

ç 00E7 77

krō:ç

đ 00F0 50

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

õ 00F5 61

pwasō peḡō frōse frōse ōḡl ōḡ so:vjō mōḡfi mōti mōtaḡ mōtēḡe mōteḡe mōtaḡ nō ōr tōbe tōbaḡ tōbar kōte kōtar kōtar kōte ḡōfle ḡōfle pō ōt lōḡu lōḡu lō ḡō bō bō bō bō kō kēdōdu kēdōdu rō ō kō kō

ø 00F8 79

kø fəvø løn fə pø vjø dø

ĩ 0129 44

ifēḡfi ifēti itreḡe sīzēf sīzēf kamīḡu ligwē ligwē əḡtriḡir əḡtriḡir lipar lipar ifar ifar itumeser itumeser isēḡḡar isēḡḡar siku siku sī sī

[illegible]

Appendix 3 - Words containing each segment

J	025F	83
jambe manja: java: zjava:		
g	0261	1
ego: gra:num gwen grano grano grēw grēw gra grin gran griw gra:men gʷamen grama grēmē grēmē gram sangre sangwe sēgi sēgi sō:g gʷes grasa grafe grafe gref gula gœl gola gola golə gøj gœle gurə ungula ōgl ungja ōg ōngule ungje gamba gamba gamba gambə gambə genikulum fegato figədu agwə agwə age lago lago lagu ka:li:ginem negurə gelu: glas gjattfa glas glēs glatfe gēatsə fwego fogu lōg lengwa lingwa ligwē ligwē 'lengē musəga musəgar su:gere sugak sugar kogno:skere ko:gita:re fra:gra:re fragrare nəga anegar annegare pugna:re segar segare segak pungere jugula:re zygyle jugula:re naviga:re nabegar navigare nəbəga naviga: naviga mergere gyra:re segurar sigurak stringere stringe strēngi: fregar fregar frəga iffrigar tergere ekstergere enxugar affugare ēfugar əfuga impingere liga:re legar legare lega xugar zogak zuga flugtwar gela:re glakia:re glase gjattfjare gləsa glatfa: inglakia:re ingetsa augmenta:re ogmōte augmentar augmentar augmenta gōfle gonfjare gōfle zgloŋfa: flagra:re flagwē flagrar flagrare flagwək flagrar alguno awgū atgū əlgu magnus grandem gʷā grande grande grēdʒi grēdi gran gʷā grant longus longo lungo lōgu lōgu lung largus largo ləwgu largu largu gʷa graso grasso grafu gras gras gras gurdus gordo grossus gʷo grōsso grosu grosu grōs grwəs gros grawis gʷijef grabe greve gravi gravi grew grav gravi grew angustus angosto angusto ingust dewgadu fri:gidus əgut galbinus galben grək		
Y	0263	85
iyəðo fiyeðu aywa ajyʷə layu foyu musəya siyar səya naviyak neviyar siyurar iffriyar ēfuyar liya zuyar laryo delyaðo delyaðu ayuðo eyuðu		
q	0265	69
fq̄i pl̄i n̄i k̄ide t̄e esq̄ije flykt̄e		
i	0268	47
ifēti ipoze ipozu pejfi avi sirpēti vermi arvuri simēti səmintfə kōrtisi xēsti peli karni sēgi sindʒe pilu dēti minə pintēfe iftrele flumi riw vint nevi mōti nojti nojti nomi bişer minka ʷispirar ride kupiser timer trimer siyar sipərar naviyak neviyar iftar iftar livar sigurak siyurar sizar sizar epirtar epirtar strindʒe iffrigar iffriyar impindʒe kinta zilar zilar ingetsa krişer intʃindʒe grēdi gravi pikenu brevi ingust iftrejtu strimt podri ʷidōdu virməjʷu verdi verdi ki kind in ki		
I	026A	11
dʒi na:ris isendʒar		
l	026B	68
selve səl nuβuʷ zəl əlsa əlsar kuʷa flama atgū əl delyaðu kaʷ pʷe		
ɲ	0272	38
doɲa niɲo alimaɲa peɲa peɲə uɲa uɲe uɲe paɲfə entrana itreɲe etreɲe əntrana kamijɲu kemijɲu mōtaɲ montana montana mōtēɲe mōteɲe muntana mōtaɲ montane ɲot apo aɲ mənza maɲi: kopeseʷ kupiser koposi puɲar puɲare puɲa puɲi kemijak kemijar viɲi: estreɲir əstreɲə əmpenə oɲpi maɲo maɲno pekeɲo pu:f vizijɲu vizijɲu siɲestri		
ɭ	027B	91
kosaɭ		
ɮ	027E	28
embra fembra muxer muʷer ombre muxer muʷer mariðo maridu meridu marit madre marə paðre parə paxaro pasəru pasəru pasəre serpiente sirpēti farpe berme vermi verm arβol albero aʷvori arvuri abra par fruto frute frute frujt grano grēw grēw gra frōse frōse frunza kortisi korteθa kurtise skʷartsə flor fjo:re flor floare jerba erve jarbə grama grēmē grēmē gram rista karne karni karne sangre grasa grafe grafe gref kwerno kornu pər orexa oreʷe oreʷe ureʷə nariθ naris nerif gurə pjerna pərne bjentre bentrə entrana itreɲe etreɲe əntrana kor sqare estreja istrele iftrele mar mar pjeðra peðre		

Appendix 3 - Words containing each segment

peðre peðrā pjatrā arena arejē ɐrējē ʔenā saɣbru saɣbru trevɛʃ tʔnebrʌs ʃer estrada istradɛ ɪʃtraðɛ djurno zorn xornada
 nombre beber bere biþer bɛwɾə komer kumer mandukar mandʒare mɛʒar moðer murðer moskar morsikare sugar kufpir
 eskupir esputar sputare respirar ɾespirar Ɂspɪrar ɾəspɪra reir rɪdere ɪr riwrə ride ber vedere ver bɛwɾə oir udire
 owvir saber sɛber konothɐr kupiser kwidar kuzitar pensar pensare pɛsar sentir sɛtir oler ulura ʃejrɐʃ ʃejrar flɛjra temer
 timer tremɐr tremɐʃ trimer dormir durmir bibir viver biwrə morir muʒer muri anegar matar mɛtar utʃɪdere pupar batir
 betɐr batrə kaθar kɛsar puxar puʒar segar siʒar kortar kurtar taxar tɛlar dibidir diviðir ender fɛðer fɛndrə partir pɛtir
 separar separaʃ sipɐrar sɛpərə pɯzɪr raer ɾɛer rawrə rasar ɾɛzar raskar ɾɛʃkar kusar kabar kɛvar eskabar ɪʃkɛvar nadar
 nwotare nɛðar nabegar nɛviʒar bolar volare vwar zvolare zburə kaminar kamminare kɛminar andar ɛðar benir venire vir
 ekstender ɪʃtɛðer ʔstendɾə jaθer ɟaʃtʃɛrɐ zɛzɐr zawrə ser ser sentar sɛtar sɛtar estar ɪʃtar ɪʃtar jebar livar alθar aɬsar
 tornar turnar xɪrar ɟɪrare zɪrar zɪrar zɪra birar virare virar zɪrar bira torθer kaer kadere kɛr kɛr tumbar tɔbar dar dar
 donar duar tener tenere tɛr segurar siguraʃ siyurar ekspremir ʔspremɐ serar sɛrar θerar sɪkar sɪkar apɾetar ɐpɪrtar ɐpɪrtar
 estɾepir ʔstɾɛpɐ fregar frɛga ɪʃfriʒar ɪʃfriʒar frotar frisar frɛsa laɬar lɛvar lɛvar estarsir enxugar ɛʃugar ɛʃuʒar limpjar lipar
 lipar tirar ʃɪra tirar tira puxar puʒar puʒar traze tɾezɐr tɾɛwrə ɛʃar zɛjtɐr zɛjtɐr lanθar lɛsar arankar arunʒa legar atar
 ɛtar ɛtar koser kuzer kuzer kontar kɔtar kɔtar enumerar enumerar enumerar enumera numera deθir dizer dizer kantar
 kɛtar kɛtar ludir xugar zuʒar flugtwar flutuar fluir flwir kolar kuar eskurir ɪʃkurer skurdʒɐ kɔrɐr kuʒer kurdʒɐ elar zɪlar
 zɪlar ʔumentar ʔugmentar ʔugmentar ɪnʃar ɪʃar ɪʃar entumeθer ɪtumeser ɪtumeser kreθer kɾesɐʃ kɾɪʃsɐr kɾɛʃə kɾɛʃtɐ kemar
 keɟmare arder ɐðer arde flagrar flagrar enθender ɪsɛndʒɪar ɪsɛdʒar ʔnsendɾə otro owtru owtru altrə grande grɛdʒɪ grɛdɪ
 mare larʒo largu ɬark graso graʃu gras gordo grosu grosu grɔs grabe gravi gravi grew grew lɛrdo lɛrdo korto korto
 kurtu kurt brebe brɛvi brɛvi brew estɾɛʃo ɪstɾɛjtɐ ɪʃtɾɛjtɐ ʔstɾɛt frio friu friu frɛt poðriðo puðrit poðre poðri poðri sordido
 sɔrdidu sɔrdidu ɪspurku ɪʃpurku ɟɪɾɛjtɐ ɟɪɾɛjtɐ dɾɛt proximo prosimu prosimu proizme ʔɾɔp θerka dʒestro dɛstru dɛstru
 destrə sinjestro sɛʃtru sɛʃtru roʃu bermexo vɪrmɛʒlu berde verdi verdi vert verde amarijo ɐmarelu ɐmɛrelu grɔk tres tres
 tɾɛʃ kwatro kwatru kwatru kwatrə

R 0280

55

mer vjer fry reſen kɾo:ʒ ɔraj vi:r ɔr savø:r mɔri pɔ:rti ma:rʃi: ʃɛ:r sɛrar sere ɪʃkurer frwe

Б 0281

36

muʎɐ muʎɐ maʎi meʃ peʃ seʁpɔ seʁpɛʃi ʃɛʁpɛ veʃ veʃmi aʃbɐ aʃvori fɪʁi ɡɾɛn ɬais ɬeɪʃ ɬadi ɬasin ɬɔʃʃisi ɬoʃʃise
 ekos floʃ floʃ flø:ʃ ɛʃb ɛʃv ɡɬamen ɬɛʃʃi ɬɛʃti ʃɛʃ kaʃni ɡɬɛs ɬɔʃn ɬoʃnu oʃɛʃ pɛʃnɐ vɔʃtɐ ɔʃtɬaj ɬoʃ ɬɔʃ ku:ʃ plu:ʃ
 ɬy ɬiw ɬiu ɬivʒɐ ɾivɪ:ʃ meʃ maʃ meʃ pʒɐ ɾi:ʃ puðɐ tɛʃ tɛʃ tɛʃ tɛ:ʃ tɛnɛbɐ si:ʃ sɔdɐ zuʃ zɔʃna zɔʃna zuʃnɐ bwaʃ
 beʃɐ bɔ:ʃ mɛʒaʃ moʃdɐ moʃdɐʃ sugaʃ kuʃpiʃ voʃmiʃ ɾɛspɪrar Ɂspɪrar ɾiʃ ɾiʃ ɾiʃ ɾi:ʃ vwaʃ veʃ wiʃ owviʃ savwaʃ
 sabɐʃ ɬɔnɛʃ ɬɔnɛʃ kuzitaʃ pɛsaʃ sɔtiʃ sɛʃʃiʃ flɛʃɐ ʃejraʃ temɐʃ kɛdɐʃ tremɐʃ dɔʃmiʃ dɔʃmiʃ dwaʃmiʃ viʃv viʃvɐ muʃiʃ
 moʃɐʃ muʃɐʃ mataʃ ʔksɪʃ batɐʃ bateʃ kasɐʃ puʒaʃ segaʃ koʃtaʃ ekuʃte taʃaʃ ɟɪviðʒiʃ fɔdɐʃ fɛðɐʃ pɔʃtiʃ pɔʃʃiʃ sɔʃvɐ
 sepaʃaʃ pɱɛdɐʃ pɱziʃ ɬaʃ ɬɛr ɬaze ɬazaʃ ɬɛzaʃ ɬaʃkaʃ ɬɛʃkaʃ fwɪʃ kɛvaʃ ɪʃkɛvaʃ nadaʃ naʃiʒaʃ voaʃ kɛmiʃaʃ maʃʃɐ
 ɛðar vɔniʃ viʃ ɛtɔdɐʃ ɪstɛðɐʃ zɛziʃ zɛzɐʃ swaʃ seʃ ɛʃv lɛvaʃ tuʃnɐ toʃnaʃ ziʃɐ viʃɐ viʃɐ tɔdɐʃ ʃwaʃ tɔbaʃ daʃ tɔniʃ tɛʃ
 siguraʃ ɛpɱɛdɐʃ ɪʃpɾɛmɐʃ seʃa seʃɐ sɪʒar sɪʒar ɛʃvɛdɐʃ fɾɛʒɐ fɾote fɾote tiʃɐ tɾɛʃ kuðɐʃ enumeʃɐ nɔbɐʃ diʃ di:ʃ zɔgaʃ
 flutuaʃ flwiʃ koaʃ ɪʃkoʃɐʃ kuʃiʃ koʃɐʃ kuʃɐʃ kɱwaʃ kɾesɐʃ bɱyle bɱule kɱame keɟmaʃɐ aʃdɐʃ aʃdɐʃ flaɡɐʃ flaɡɐʃ oʃv
 ɡɔd ɡɔd ɬaʒ ɬaʒu ɡɔd ɡɔd ɡɱiʒɛʃ luʃ kuʃ kuʃtu ku:ʃ bɱɛʃ bɱɛʃ ɛʃkwa stɬø: fɾwa ɾɛsɛʃʃi ɾɛsɛʃʃi dɱwa ɬɔ ɱɛdɔdu ɱidɔdu
 pɱɛ sɔnɛʃtɐ ɱu ɱoʃv ɱoʃu vɛʃmɛʒ vɛʃmɛlu ɱuʒ vɛʃ vɛʃ tɱwa katɐ

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naʃ voʃ ɪʃpoʒɐ ɪʃpoʒu biʃʃa biʃɐ biʃɐ peʃʃɐ peʃʃi pɛʃʃi pɛʃ peʃte ʃjɛ ʃarɐ ɬeɪʃ ɬɛʃʃi ɬɛʃti ʃɛʃ ʔ ɡraʃɐ ɡraʃɐ ɡɾɛʃ ʃɔvø ʃɔvɐ
 tɛʃte nɛʃʃ buʃ paʃʃə ɪʃpadwɐ ɪʃpadwɐ ɪʃtɾɛle ʃuʋɐ ʃuʋɐ seʃʃu seʃʃu tɾɛvɛʃ siʒɛʃ siʒɛʃ ʃɛnuʃə ɪʃtraðɛ ʃɛmɛ kufpiʃ Ɂspɪrar ʃti
 konoffɛrɐ kunɛʃə kunɔʃtɛ ʃejraʃ ʃejrar ʃase puʒaʃ puʒar ʃindɛrɐ ɬaʃkaʃ ɬɛʃkaʃ ʃɔvɐ ɪʃkɛvaʃ ɪʃkɛvar ʃɛmine maʃʃɐ ɪʃtɛðɐʃ
 ʃɛðɛa ɪʃtar ɪʃtar altʃa: ʃwaʃ ɪʃpɾɛmɐʃ ɪʃpɾɛmɐʃ ʔʃtɾiʒɪr ʔʃtɾiʒɪr ɪʃfriʒar ɪʃfriʒar ʃtɛrdʒɐ ʔʃʃugare ɛʃugar ɛʃuʒar ʔʃuga puʒar
 puʒar ʃɔtɛ ɪʃkoʃɐʃ ɪʃkurer ɪʃar ɪʃar kɾɛʃʃɛrɐ kɾɪʃsɐr kɾɛʃə kɾɛʃtɐ ɛʃu ɛʃu ɡraʃu ɪʃpɛsu ɪʃtɾɛjtɐ ʃo ʃɛʒu ʃɛʒu ɪʃpurku dɛʃtru
 sɛʃtru sɛʃtru ɱoʃv ɱoʃu roʃu doʃʃ duɛʃ tɾɛʃ ʃi

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moʃʎɐ muʃɐ muʃɐ muʃɐ moʃʎɐ muʃɐ muʃɐ muʃɐ useʃ ɾioʃu ɾioʃu ɾoʃ ɬɔʃʎa ɬoʃɐ ɬoʃɐ fuʃə ɾɛʃ ɬɛbɐʃ ɔɾɛʎɐ
 ɔɾɛʒɐ ʊɾɛʎə ɔʃu ɔʃu zuɛʃu zuɛʃu zɔnoʃ ɬoʃ ʔspalʎə ʎunə ʎak taʃʎa:re taʃaʃ tɛʎar tɔʃa ʎɔba ʎɔba ʎɔnsa ʎiʒa ʎoʒ

Appendix 3 - Words containing each segment

lark leno vejlu velu vel lunta vermiλλo vεmεlu virmεjlu bεrmeλ ελa

3	0292	3
zə zə zāb zənu zueļu zweļu zənoλ pluza kalizēj kēlizēj zēl zēl zuκ zorn zəκna zəκna zuκne māze mēzak mēzar məpza kuzitaκ kuzitar pūziκ pūzir zygyļe naze zezik zezek zezek zawrə zike zirar zirar zira zirar əftrīzir əftrīzir əstərzi zəte zejtar zejtar zwe zogak zuγar zuga zuka zəle zilar zilar zəla inʃindze laκz du:ze: vizē vuз zon		
j	029D	5
jo jerba kabejo kwejo estreja jubja jelo jaθer jebar amarijo aja		
dz	02A3	71
fronɖa dzornade		
ɖ	02A4	10
ɖɹ koɖiv sinɖe ɖāp ɖinəkkjo ɖino ɖenoli ɖenunk ^l fedə pjodɖa kalidɖine ɖelo ɖer ɖu: ɖorno ɖu: ɖornata mandɖare suɖe koɖitare kuɖeta ɖividɖiκ punɖere punɖe neɖi: mɛɖgere mɛɖge ɖaʃe:re ɖere ɖirare ɖira: ɖira: strindɖere strindɖe tɛɖgere ʃtɛɖge trɛɖge impindɖere impindɖe ɖettare ɖete ɖokare ɖuwe ɖuja: skurɖe kurɖe ɖelare ɖale isendɖiar grēɖi ɖirejtu neɖu neɖu ruɖe ɖen		
ts	02A6	52
sots skɔrtsa skwartse skɔartsə tseastə pantse tsarə geatsə simtsi altsare tsine ingetsa putsin subtsire retsint		
ʃ	02A7	46
ifēʃi sɔʃo utʃello utʃel ʃē sɛpēʃi semēʃi semɛntʃe səminʃə radi:ʃe rədəʃinə kortiʃe kɔʃʃisi kortettʃa kɔʃʃise ʃeʃʃi ʃo: ʃivja ʃes naritʃe dētʃi pittʃolo piʃjor pantʃa pintetʃe peʃo ʃeʃaʃə ʃelo ʃi:l ʃer gjattʃa glatʃe ʃenere ʃinize ʃenuʃə mōʃi notʃe sēʃiκ maʃa: utʃidere utʃide katʃare ʃesi: caʃa: paʃʃiκ ʃimine ma:ʃʃi: ɖaʃʃe:re zəʃeə tɔʃʃere tɔartʃe ʃe:r ʃjade ʃira eʃar lanʃare lanʃa: arrontʃare kuʃʃire ziʃe ʃāte gjattʃare glatʃa: inʃar bruʃare inʃendjare inʃindze muʃo anʃo pittʃino piʃʃul estretʃo suʃiw suʃiw ʃō reʃente ʃesēʃi ʃesēʃi reʃe seʃ viʃino viʃin veʃin rɔʃ krotʃeo ʃiŋkwe 'ʃiŋk ʃiŋʃ ʃine ʃe ʃe ʃemu:t		
β	03B2	67
arβol keβelu kaβeθa keβese sajβru sajβru nuβuʃ biβer səβe laβar nweβo		
θ	03B8	58
peθ raiθ korteθa kaβeθa nariθ peθiolo panθa θjelo θeniθa konoθer kaθar jaθer alθar torθer θerar lanθar deθir entumeθer kreθer enθender reθjente beθino θerka θinko		
ẽ	1EBD	64
ʃē sɛpēʃi siɾpēti sɛxpē semēʃi simēti simēs vivēda vivēde dēʃi dēti dē mē mē ētrɛpɛ sē vētu vētu vē pēsak pēsar sēʃiκ sētir kēdɛκ fēdɛκ fēder istēdɛκ iʃtēder sētar sētar ēʃugar ēʃuγar ēʃle isēdjat ʃesēʃi ʃesēʃi plē vizē sēk sēk nē		

Appendix 4 - Word Lists by Language

Latin

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

When-Quando	k ^w andoː	kw-ah-n-d-O
How-Quomodo	k ^w oːmodo	kw-O-m-oh-d-oh
Not	noːn	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	siːk	s-E-k
Because-Quod	k ^w od	kw-oh-d

French

Cognate	IPA	Sounds
I	ʒə	gzah-aah
We	nu	n-u
YouPlural	vu	v-u
YouSingular	ty	t-eeh
Woman	fam	f-ah-m
Woman-Domina	dam	d-ah-m
ManHumanBeing	ɔm	euh-m
ManHumanBeing-Homo	õ	oon
Child	ãfã	NasalA-f-NasalA
Wife	epuz	ay-p-u-zz
Husband	maʁi	m-ah-rr-e
Husband-Sponsus	epu	ay-p-u
Mother	meʁ	m-ay-rr
Father	peʁ	p-ay-rr
Animal	omaj	oh-m-ah-jg
Fish-Pescion	pwasõ	p-w-ah-s-on
Bird-Avicellum	wazo	w-ah-zz-oh
Dog	ʃjẽ	shh-jg-ehnn
Louse	pu	p-u
Snake	seʁpã	s-ay-rr-p-NasalA
Worm	veʁ	v-ay-rr
Tree	akbɛ	ah-rr-b-rr
Stick	pal	p-ah-l
Fruit	fʁɥi	f-rr-eu-e
Seed-Sementis	səmãs	s-aah-m-NasalA-s
Seed-Granum	gʁen	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	εʁb	eh-rr-b
Grass-Gramen	gʁamen	g-rr-ah-m-eh-n
Skin	kwan	k-w-ah-n
Skin-Pellis	po	p-oh
Meat	ʃεʁ	shh-eh-rr
Meat-Vivenda	vʝãd	v-jg-NasalA-d
Blood	sã	s-NasalA
Bone	ɔs	euh-s
FatNoun-Crassia	gʁes	g-rr-eh-s

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Spanish

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

ToFall	kaer	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	donar	d-oh-n-ah-er
ToHold	tener	t-ay-n-ay-er
ToHold-Segurar	segurar	s-ay-g-u-er-ah-er
ToSqueeze	ekspremir	ay-k-s-p-er-ay-m-e-er
ToSqueeze-Serrere	serir	s-ay-r-ah-er
ToSqueeze-Serare	θerar	th-ay-r-ah-er
ToSqueeze-Appetorare	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estreñir	ay-s-t-er-ay-VdPalatalNasal-e-er
ToRub	fregar	f-er-ay-g-ah-er
ToRub-Frictare	frotar	f-er-oh-t-ah-er
ToRub-Frictiare	frisar	f-r-e-s-ah-er
ToWash	laþar	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	eþar	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
ToSwell-Inflare	inþar	e-n-ts-ah-er
ToSwell-Intumescere	entumeθer	ay-n-t-u-m-ay-th-ay-er
ToSwell-Crescere	kreθer	k-er-ay-th-ay-er
ToBurn-Cremare	kemar	k-ay-m-ah-er
ToBurn-Ardere	arder	ah-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	enθender	ay-n-th-ay-n-d-ay-er
All-Totus	todo	t-oh-d-oh
Many	muþo	m-u-ts-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alguno	ah-l-g-u-n-oh
Few	poko	p-oh-k-oh
Other	otro	oh-t-er-oh
Big	mapo	m-ah-VdPalatalNasal-oh
Big-Grandem	grande	g-er-ah-n-d-ay
Long-Longum	longo	l-oh-n-g-oh
Long-Largum	laryo	l-ah-er-juh-oh
Wide	lato	l-ah-t-oh

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Italian

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Brazilian Portuguese

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

Appendix 4 - Word Lists by Language

Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃɐ	b-e-shh-ahh
Fish-Piskem	pejʃi	p-ej_diphthong-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɐru	p-ah-s-ahh-er-u
Dog	kɛw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛkpeʃi	s-ay-rr-p-ehn-ts-e
Worm	veʁmi	v-ay-rr-m-e
Tree	akvori	ah-rr-v-oh-er-e
Forest	sɛwva	s-eh-w-v-ah
Stick	paw	p-ah-w
Fruit	frutɐ	f-er-u-t-ahh
Seed-Sementis	semɛʃi	s-ay-m-ehn-ts-e
Seed-Granum	grɛw	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh
Leaf-Frondea	frɔsɐ	f-er-on-s-ahh
Root	ʁais	rr-ah-e-s
BarkOfATree	kɔkʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔkʃisɐ	k-oh-rr-ts-e-s-ahh
Flower	floʁ	f-l-oh-rr
Grass	ɛkvɐ	ay-rr-v-ahh
Grass-Gramen	grɛmɐ	g-er-ahn-m-ahh
Rope-Restis	ʁɛʃʃi	rr-eh-shh-ts-e
Skin	kodzɪɐ	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peli	p-eh-l-e
Meat	kaʁni	k-ah-rr-n-e
Meat-Vivenda	vivɛda	v-e-v-ehn-d-ah
Blood	sɛgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	graʃɐ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kɔʁnu	k-oh-rr-n-u
Tail	kawdɐ	k-ah-w-d-ahh
Feather-Penna	pɛnɐ	p-ay-n-ahh
Hair	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head	kabɛsɐ	k-ah-b-ay-s-ahh
Head-Testa	tɛstɐ	t-eh-s-t-ahh
Ear	oreʎɐ	oh-er-ay-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth	boʁɐ	b-oh-k-ahh
Tooth	dɛʃʃi	d-ehn-ts-e
Fingernail	ɯɲɐ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛʁnɐ	p-eh-rr-n-ahh
Knee-Geniculum	ʒueʎu	gzah-u-ay-yuh-u
Hand	mɛw̃	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛsɐ	p-ahn-s-ahh
Guts	itɛɲɐ	een-t-er-ahn-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ifpadwɐ	e-shh-p-ah-d-w-ahh
Breast	seju	s-ej_diphthong-u
Breast-Pectus	pejtu	p-ej_diphthong-t-u

Appendix 4 - Word Lists by Language

Heart	kɔɤ	k-euh-rr
Heart-Anima	awmɐ	ah-w-m-ahh
Liver	figɔdu	f-e-g-ahh-d-u
Sun	sɔw	s-euh-w
Moon	luɐ	l-u-ahh
Star	istrelɐ	e-s-t-er-ay-l-ahh
Water	agwɐ	ah-g-w-ahh
Rain	ʃuvɐ	shh-u-v-ahh
River	flumi	f-l-u-m-e
River-Rivus	ɤiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maɤ	m-ah-rr
Salt	saw	s-ah-w
Stone	sejʃu	s-ej_diphthong-shh-u
Stone-Petra	pedrɐ	p-ay-d-er-ahh
Sand	arejɐ	ah-er-ej_diphthong-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	teɤɐ	t-ay-rr-ahh
Cloud	nuvẽʃ	n-u-v-nasal_diphthong_portuguese1
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kaliʒẽʃ	k-ah-l-e-gzah-nasal_diphthong_portuguese1
Fog-Nebula	nevɤɐ	n-eh-v-w-ahh
Fog-Fumata	fumasɐ	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vẽtu	v-ehn-t-u
Snow	nevi	n-eh-v-e
Smoke	fumu	f-u-m-u
Fire-Focus	fogu	f-oh-g-u
Ash-Cinisia	sizeʃ	s-een-zz-ahh-shh
Road	viɐ	v-e-ahh
Road-Strata	istrade	e-s-t-er-ah-d-ahh
Road-Camminus	kamĩɲu	k-ah-m-een-VdPalatalNasal-u
Mountain	mõʃʃi	m-on-ts-e
Mountain-Montanea	mõteɲɐ	m-on-t-ahn-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diɐ	d-e-ahh
Day-Diurna	ʒɔɤna	gzah-euh-rr-n-ah
Year	ɐnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
Tongue	liɲwɐ	l-een-g-w-ahh
ToDrink	bebeɤ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mẽʒaɤ	m-ahn-gzah-ah-rr
ToBite	moɤdeɤ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musɔga	m-u-s-aah-g-ah
ToSuck	sugaɤ	s-u-g-ah-rr
ToSpit	kuspiɤ	k-u-s-p-e-rr
ToBreathe	ɤespirar	rr-ay-s-p-e-er-ah-er
ToLaugh	ɤiɤ	rr-e-rr
ToSee	veɤ	v-ay-rr
ToHear	owviɤ	oh-w-v-e-rr
ToKnow-Sapere	sabeɤ	s-ah-b-ay-rr
ToKnow-Cognoscere	kɔɤeseɤ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuʒitaɤ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pẽsaɤ	p-ehn-s-ah-rr
ToSmell-Sentire	sẽʃʃiɤ	s-ehn-ts-e-rr

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Portuguese

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

Appendix 4 - Word Lists by Language

Mother	mēj	m-nasal_diphthong_portuguese2
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃe	b-e-shh-ahh
Fish-Piskem	pɛjʃi	p-diphthong_portuguese-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasɛru	p-ah-s-ahh-er-u
Dog	kēw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɪpɛti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	sɛʎve	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frute	f-er-u-t-ahh
Seed-Sementis	simɛti	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	ʁɛiʃ	rr-ahh-e-shh
BarkOfATree	kɔrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtise	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	ɛrvɛ	eh-er-v-ahh
Grass-Gramen	grɛmɛ	g-er-ahh-m-ahh
Rope-Restis	ʁɛʃti	rr-ay-shh-t-eee
Skin	kodiɛ	k-oh-d-e-ahh
Skin-Pellis	peʎi	p-ay-l-eee
Meat	karni	k-ah-er-n-eee
Meat-Vivenda	vivɛdɛ	v-e-v-ehn-d-ahh
Blood	sɛgi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun-Crassia	graʃe	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kornu	k-oh-er-n-u
Tail	kawdɛ	k-ah-w-d-ahh
Feather-Penna	pene	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	kɛβelu	k-ahh-bb-ay-l-u
Head	kɛβese	k-ahh-bb-ay-s-ahh
Head-Testa	tɛʃte	t-eh-shh-t-ahh
Ear	orejʎe	oh-er-diphthong_portuguese-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	nɛriʃ	n-ahh-er-e-shh
Mouth	boke	b-oh-k-ahh
Tooth	dɛti	d-ehn-t-eee
Fingernail	uɲɛ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛmɛ	p-eh-er-n-ahh
Knee-Geniculum	ʒwɛʎu	gzah-w-ahh-yuh-u
Hand	mēw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛse	p-ahn-s-ahh
Guts	ɛtreɲɛ	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ɪʃpadwɛ	e-shh-p-ah-d-w-ahh
Breast	sɛju	s-diphthong_portuguese-u

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

ToThink-Pensare	pēsar	p-ehn-s-ah-er
ToSmell-Sentire	sētir	s-ehn-t-e-er
ToSmell-Fragrare	fejrar	shh-diphthong_portuguese-er-ah-er
ToFear	timer	t-eee-m-ay-er
ToFear-Tremere	trimer	t-er-eee-m-ay-er
ToSleep	durmir	d-u-er-m-e-er
ToLive	viver	v-e-v-ay-er
ToDie	muxer	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	pujar	p-u-shh-ah-er
ToCut	siyar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	tekar	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	æer	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	kevar	k-ahh-v-ah-er
ToDig-Excavare	ifkevar	e-shh-k-ahh-v-ah-er
ToSwim	nēdar	n-ahh-dd-ah-er
ToSwim-Navigare	neviyar	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er
ToWalk	kemipar	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ēdar	ahn-d-ah-er
ToCome	vir	v-e-er
ToLieAsInABed	iftēder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zøzer	gzah-ahh-zz-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	iftar	eee-shh-t-ah-er
ToStand-Levare	livar	l-eee-v-ah-er
ToStand-Altiare	alsar	ah-ssha-s-ah-er
ToTurnIntransitive	turnar	t-u-er-n-ah-er
ToTurnIntransitive-Gyrate	zifar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zifar	gzah-e-er-ah-er
ToTurnIntransitive-Torque	turser	t-u-r-s-ay-r
ToFall	keir	k-ahh-e-er
ToFall-Tumbare	tōbar	t-on-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	duar	d-u-ah-er
ToHold	ter	t-ay-er
ToHold-Segurar	siyurar	s-eee-juh-u-er-ah-er
ToSqueeze	ifprømer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sərar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sifar	s-eee-rr-ah-er
ToSqueeze-Appetorare	epirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əftrīzir	aah-shh-t-r-eeen-gzah-e-r
ToRub-Exfricare	iffrīyar	eee-shh-f-er-eee-juh-ah-er
ToWash	lavar	l-ahh-v-ah-er
ToWipe-Exsucare	ēfuyar	ehn-shh-u-juh-ah-er

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Catalan

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

Two-Duos	dos	d-oh-s
Three	trēs	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	kε	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	kɔm	k-euh-m
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	ən	aah-n
In-Deintus	dins	d-e-n-s
And-Et	i	e
And-Si	si	s-e
Because-Quod	kə	k-aah

Walloon

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Friulian

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Romanian

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

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

Appendix 5 - Segment Groups

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

Vowel

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

Long-Vowel

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

Nasal-Vowel

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

Appendix 5 - Segment Groups

Long-Nasal-Vowel

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

Vowel-Diphthong

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

Nasal-Vowel-Diphthong

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

Vowel-Non-Sylabic

	Front	Near-Front	Central	Near-Back	Back
Close					

Appendix 5 - Segment Groups

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

Vowel-Diphthong-Non-Sylabic

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

Pulmonic Consonants

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

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

Non-Pulmonic Consonants

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

Appendix 5 - Segment Groups

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

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

Pulmonic Affricates

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

Shaded areas denote articulations judged to be impossible.

Ejective Affricates

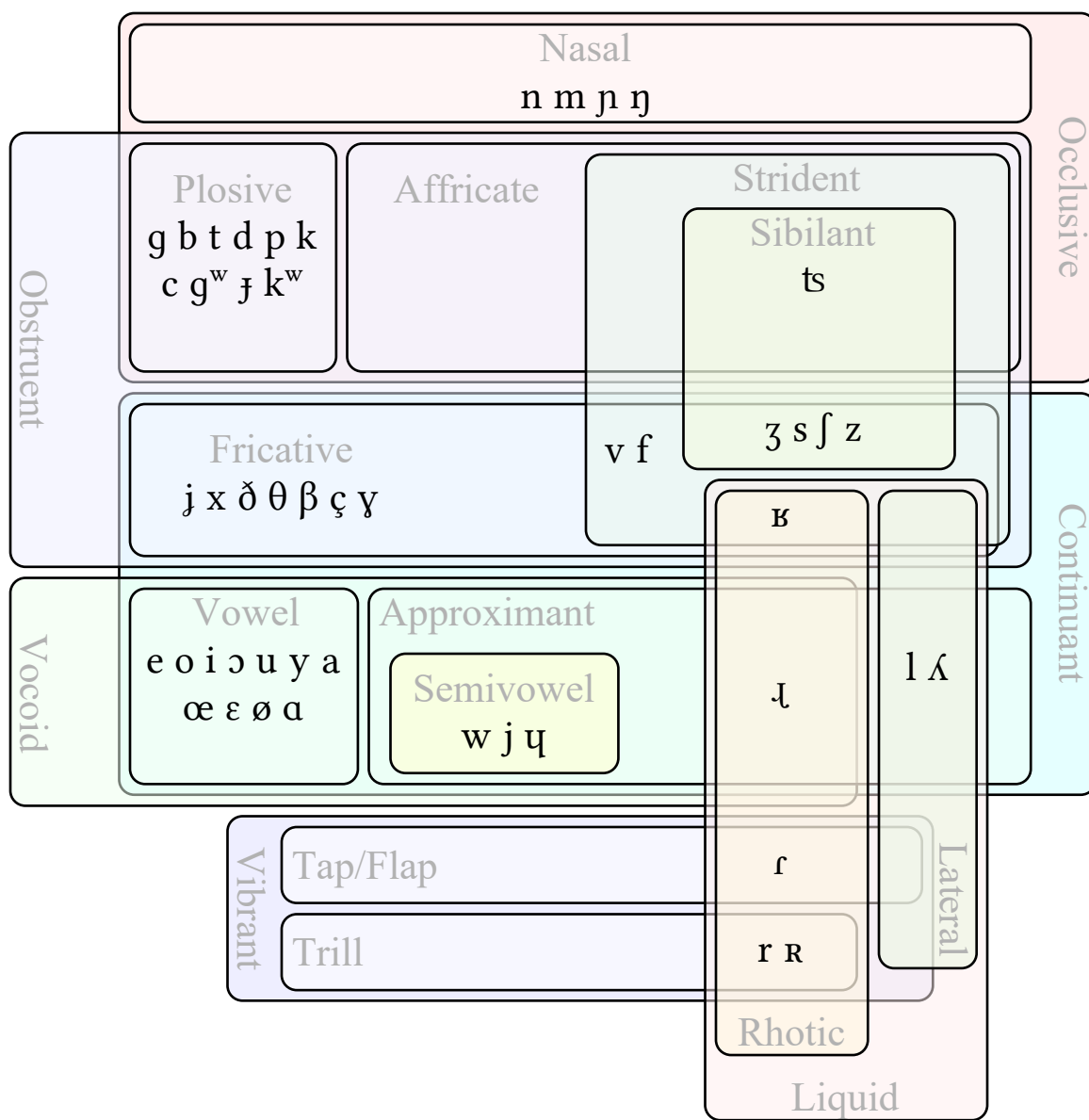
Manner
Central
Lateral

Shaded areas denote articulations judged to be impossible.

Other Segments

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

Appendix 6 - Euler Feature Diagram



Appendix 7 - International Phonetic Alphabet

IPA Segments

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

Appendix 7 - International Phonetic Alphabet

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

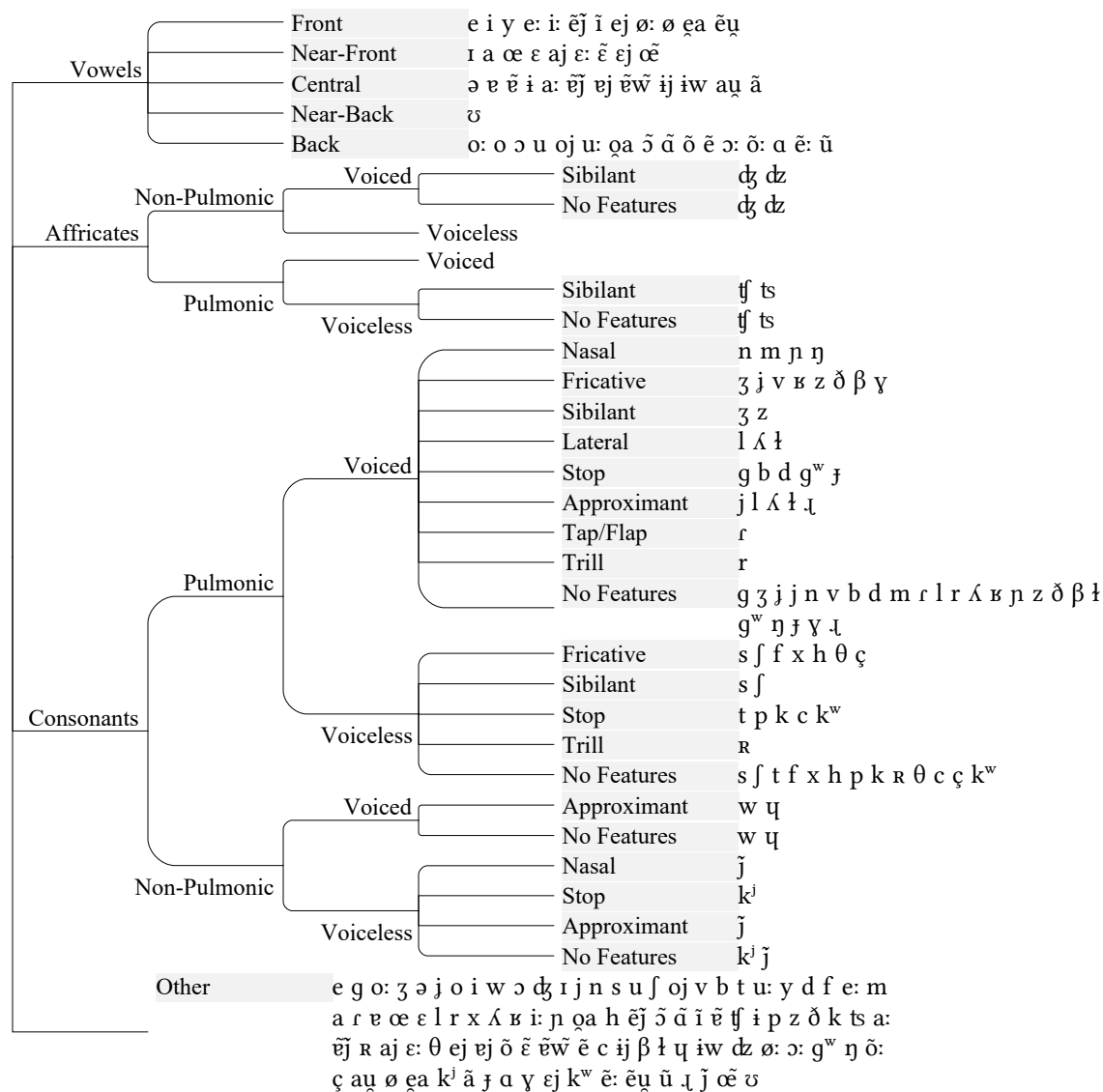
Appendix 7 - International Phonetic Alphabet

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

Appendix 7 - International Phonetic Alphabet

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

Appendix 8 - Feature Tree



Appendix 9 - Diacritics

Diacritics

	Undefined escape character	~	Nasalized	..	Centralized
+	Advanced	-	Retracted	∨	RisingTone
◦	Voiceless		Implosive	˙	Syllabic
'	Ejective	Ɂ	Pharyngealized	˘	Falling tone
(Non-syllabic	ᵀ	No audible release	ᶤ	Rhotic hook
+̣	Advanced tongue root	ᵇ	Apical	ː	Extra low tone
◌̥	Less rounded	ᵈ	Dental	˜	Velarized or Pharyngealized
↘	Global fall	ɰ	Velarized	ˑ	High tone
h	Aspirated	j	Palatalized	˝	Creaky voiced
ˊ	Low tone	l	Lateral release	ˉ	Mid tone
◻	Laminal	ᵐ	Linguo-Labial	n	Nasal release
◌̹	More rounded	ᵒ	Lowered	ᵑ	Retracted tongue root
↗	Global rise	ᵓ	Raised	ᵒ	Extra high tone
˚	Breathy voiced	ˋ	Voiced	w	Labialized
◌̏	Extra short	x	Mid-centralized	↓	Down-step
↑	Up-step	ː	Long	ˑ	Half-long
	Indeterminacy in french vowels		Begin Non-segmental notation		End non-segmental notation
ɕ	Voiced epiglottal fricative	!	Post-alveolar click		Minor group
	Dental click		Major group		Alveolar lateral click
‡	Palatal click	◦	Voiceless descender	-	Combining macron
⏟	Tie-bar below	⏟	Tie-bar above	1	Ready made combination
→	Becomes		Separator		

Appendix 10 - Languages

Latin

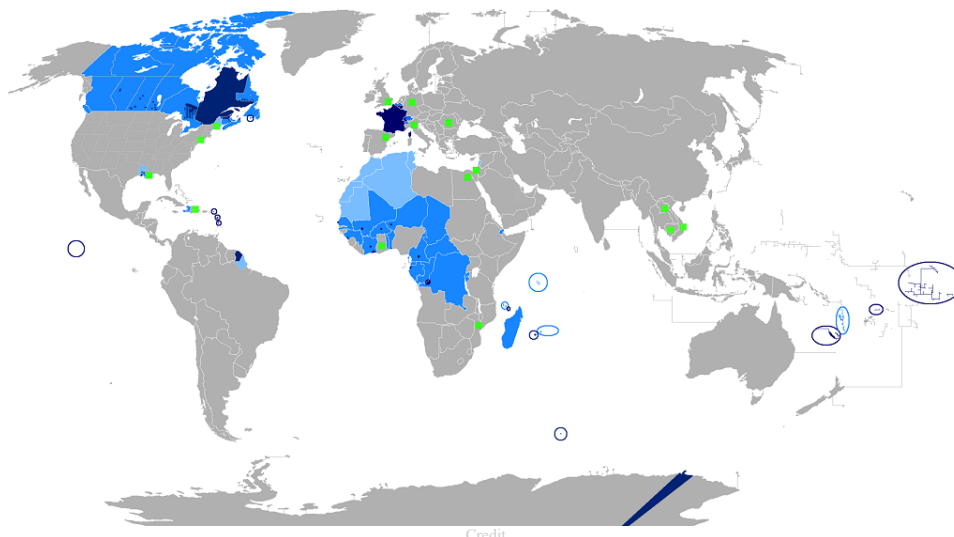


A classical language belonging to the Italic branch of the Indo-European languages. Latin was originally spoken in the area around Rome, known as Latium. Through the power of the Roman Republic, it became the dominant language in Italy, and subsequently throughout the western Roman Empire, before eventually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

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

Appendix 10 - Languages

French

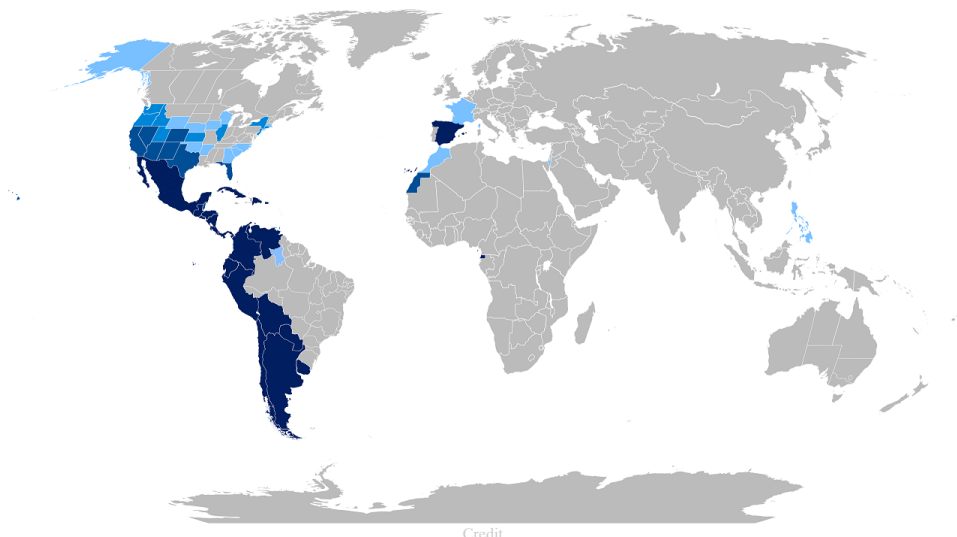


A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically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

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

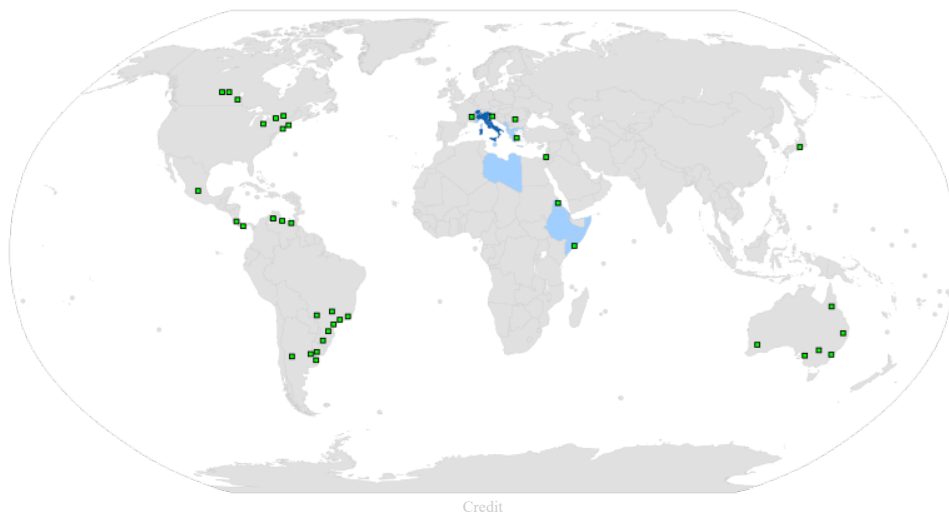
French is an official language in 29 countries across multiple continents, most of which are members of the Organisation internationale de la Francophonie (OIF), the community of 84 countries which share the official use or teaching of French. French is also one of six official languages used in the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

Spanish



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

Italian



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

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

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

Appendix 10 - Languages

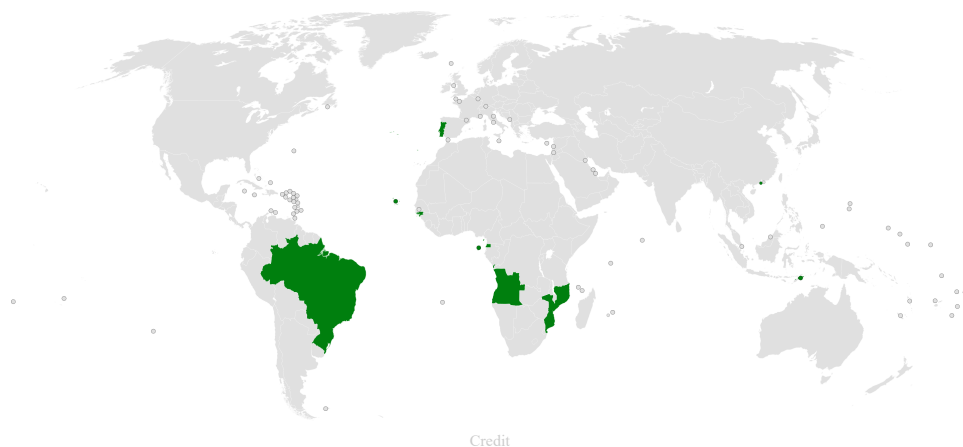
languages covered by the European Charter for Regional or Minority languages in Bosnia and Herzegovina and in Romania, although Italian is neither a co-official nor a protected language in these countries. Many speakers of Italian are native bilinguals of both Italian (either in its standard form or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

Brazilian Portuguese



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

Portuguese



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

Appendix 10 - Languages

Catalan



Credit

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

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

Walloon



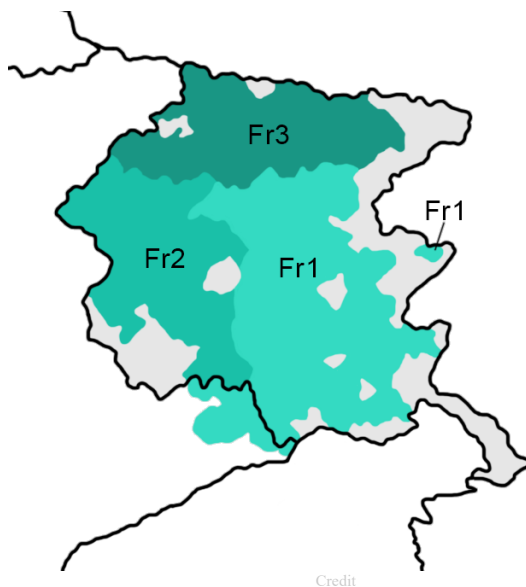
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Appendix 10 - Languages

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".