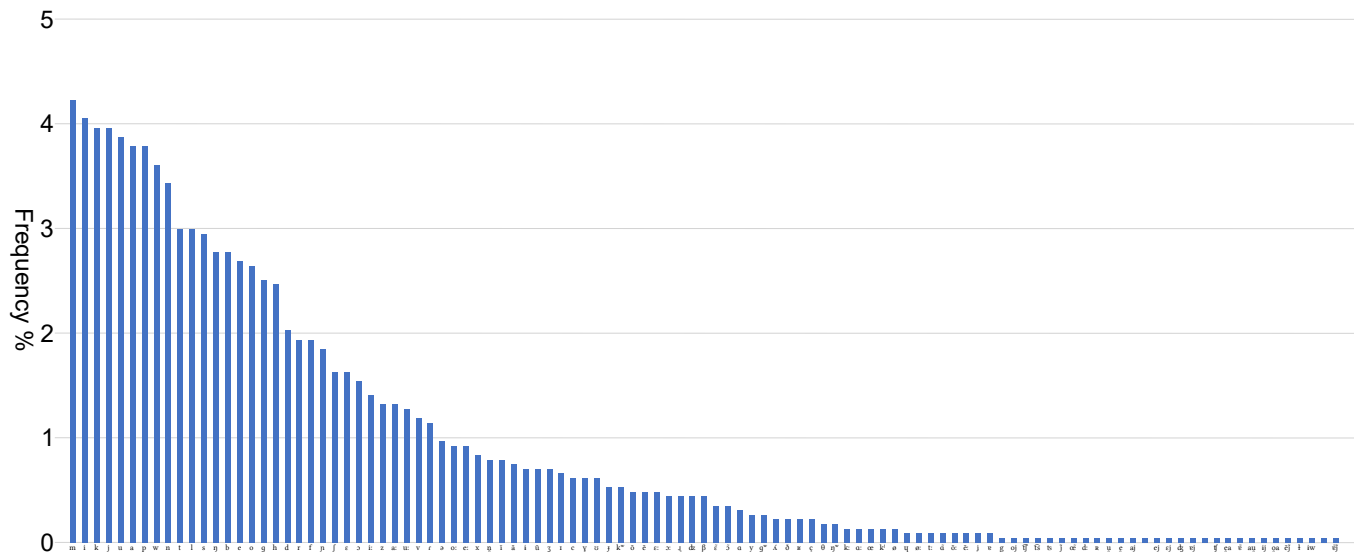


Appendix 1 - Prior Segment Frequencies



Appendix 2 - Symbols

Ψ	Phylogeny The (possibly unknown) relationship between entities resulting from an evolutionary tree
τ	Tree topology Information on the relationships of the languages
μ	Substitution rate the rate at which the language changes
N	Sampled languages The number of languages in a sample
ν	Expected events The expected number of evolutionary events that occurred between two languages
t	Past times Times of branch events
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

Appendix 2 - Symbols

π	Equilibrium distribution
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
$\theta \boxtimes$	Proposal New value proposal
q	Proposal probability Probability of new proposal
u	Random number
R	Acceptance probability Probability of accepting a proposed value
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 - Segments used in the word list

0) e

ego: ew jew ei: eλos elis elif este kwesto ille ese kwello usted vose vose voste el eli eli embra femmina femev femje fembra femeje mulierem muxer moλλe muλex muλer muλe mujere done hominem ombre infantem infante fante nenē nen epuz esposa mulier muxer moλλe muλex muλer muλe mujere epu esposo ma:trem mex maðre ma:dre mex patre pex paðre pa:dre nema:l nōmaje piskem peθ peffe pef pefte awem abe awikellum useλ passerem passero pasøre kanem kane kijne peduklus pedoli pædukje serpentem seḡpā seḡpjente serpente seḡpēfi sārpen farpe wermem vex berme verme vēmī vermi vjerme arborem albero arbore selba selva selve se:men seme sementis simjente semente semēfi sōmen semenife fwee fōaje frondea ra:di:kem ra:di:ke radi:fe kortikem kortiife kortikea korteða kortetfa skortea ekōs skwartse flo:rem fjo:re floare herba jerba eḡvø erbø jarbe grāmen fu:nem fune funje restem řesti kotenna pellem pjel pelle peli peλ pjele karnem karne karne wi:wenda bibjenda sang*inēm sangre sangwe sindje weso adepem adipe gref webo kwerno penna peḡa penø pen pene pelo pelu kabejo kapello kabelu kəβelu kaβeða kavetssa kabesø kəβesø testa testø teste orexa orekkja oreλø orele ureke ne nariife gøle dentem djente dente dinte ungje pedem pje pje:de piez jambe perna pjerna petiolus peθiolo genikulum zueλu dženoli dženunk' el ale wentrem bjentre bentrø vintre pantikem pantse pintetfe intesti:no kwejo epol espalda spate seno sen pektus peḡo pjept kwøre anime fegato fedža so:lem sole søre soreli lune etwal estreja stella istrelø iftreλø stele age ploje plōaje flu:men fjume řivjex mare meḡ sa:lem sale se sare petra pjeḡ pjeðra pedrø peðrø pje:re lapidem laude lapide arena ænə pulwerem polvere pulbere terra teḡ tjera teḡø tjere nube ka:li:ginem kalidjine nebula njebla nebbja newlø negurø tene:braj te:nebre tene:bra:s tenəḡ tinjeblas te:nebre tənebrəs fyne fumate 0jelo řfer wentum bjento ben niwem njebe neve new gelu: jelo dzer glaḡfe fwego kinerem řenere θeniða řenuḡa estrada montem monte monta:nea mōntape noctem noḡfe nōtte nōapte zūne dʒornade no:men no:me nume no:minem nombre ombre lengwa bibere beber bere bebø biḡer bevi komedere komer kome kumer manduka:re māze manḡare mordere morðer mōrdere mōrðex murðer morsika:re morsikare murseka su:gere syse suḡe konspuere kōspye eskupir sputere esputar sputare womere vomitare fla:re sufle soffjare spi:ra:re řespiḡe respirar respirare řespirar řespiḡe respira: arespira ri:de:re reir ri:dere aride wide:re ber vede:re vex ver avedḡa aḡdi:re udi:re ski:re sapere saber sabex seber kogno:skere konøther konoffere kopesex kupiser kunḡafte ko:gita:re kūide koḡitare kuḡjeta pe:nsa:re pāse pensar pensare pēse peḡsa: senti:re sentir sentire olere oler olire odo:ra:re odorare fra:gra:re fləḡe fragrare time:re temer temere temex timer temø temi teme tremere tremex trimer dormi:re dormire wi:were vivere viveḡ viver morire mōḡex muḡer neka:re nwaje neka anegar annegare tje tuwe makta:re mate okki:dere uttfidere ufide pugna:re puḡḡare battuere battere bateḡ beter bate kaptia:re fase kattjare pulsa:re puse pulsare seka:re sje segar segare segaḡ sea: kurtare ekskurta:re ekuḡte skortare ta:lia:re taje taλλa:re di:widere dividere divide skindere sēde řindere findere ender řendere řēdēḡ řēder parti:re partire se:para:re sāvø separar separare separaḡ separa: separa pungere punḡere punḡe jugula:re zyḡyle jugula:re ra:dere raer radere řaḡx řæḡer rade řaḡe rasare fodere kawa:re kavare ḡa:vle ekskawa:re eskabar skavare nata:re nwotare naviga:re naze nabegar navigare wola:re vole volare vøle zvolare řəmine kamminare ř imine maḡfe mergere merḡere merḡe ambita:re andare weni:re benir venire veni ekstendere etāḡḡ ekstender estendere istēdēḡ iřtēder æstendrə ekstinde jake:re zeziḡ jaḡer ḡaḡfe:re zøḡex zøḡer ḡere jesi sedere ser sedere seḡ ředḡa sedenta:re sentar senta: sta:re estar stare leva:re løve jebar levare levaḡ leva: altia:re ose altsare torna:re tuḡne tornare tu:rne gyra:re ziḡe ḡirare viḡe virare tork*ere torðer tōḡfere turser tōartfe kadere kaer kadere řjade tōbe tume dare donare done dine tene:re tener tenere teḡ ter tsine segurar eksprimere epḡēḡ ekspremir spḡemere iřḡḡeməḡ iřḡḡeməḡ æspḡeməḡ esprimi skreme serrere serar seḡa serare seḡe θerar serrare sere appektora:re apretar stringere etḡēḡḡ estḡenir strinḡere stringe strinḡe frika:re řḡeje fregar fregare frea freka frika:re řḡote frettare lawa:re lave lavare tergere terḡere ekstergere estarsir řterḡe eksu:ka:re esḡije enxugar affugare suwe limpida:re tira:re tiḡe tirare tire puse trahere trarre traze trøzer tradḡe impingere impinḡere impinḡe jakta:re zøte eḡfar ḡettare ḡete lankea:re lāse lanḡare e:runka:re arronḡare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kutḡire kuzer ḡase komputa:re kōte kontare e:numera:re enumeḡe enumerar enumerare enumera di:kere deθir dire dizer ziḡfe ekspo:nere sporre spune kanta:re řāte kantare řāte lu:dere joka:re zve ḡokare ḡuwe flu:ktua:re flyktje fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare kōle ekskurrere eskurir skorrere iřkōḡex iřkurer skurḡe kurrere korer korrere kōḡex kuḡer kurdḡe gela:re zøle elar ḡelare ḡale glakia:re glase ḡjattḡjare inglakia:re ingetsa augmenta:re oḡmōte aḡmentar aḡmentare aḡmentar augmenta infla:re āfle enfiare ēfle enfla: konfla:re ḡōfle gonḡjare intume:skere entumeḡer itumeser kre:ske:re kreḡer kreḡfere kreḡex kriḡser kreḡa kreḡte bḡyle brutḡare bḡu:le krema:re kḡame kemar kremare kḡjmare kḡjmaḡe flamma:re flābe flamear řjammare arde:re arder ardere aḡḡex ørder arde flagra:re flagḡe flagrare inkendere ēsāḡje enḡender inḡḡendjare řsēndḡar ānsēndḡa inḡḡindḡe ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espeso spesso espesū iřpesu grabe greve grew grew lerdo pesaḡo pesante pezadu pezant pekeḡo pekenu pikenu brewis brebe breve brew bḡef etḡwa estḡeḡo stretto menudo delyaḡo delikato dewḡadu subti:lem sottile subtsire fred:ø řeḡfe λeno nweḡo wetum bjexo veλu 'vjeri vekḡ bweno move putred rekto direkto drept reḡondo hebes emuse segu seḡu neted muje seko sekko seku sek korretto pḡe θerka peḡtu pertu aprḡape lexis departe dekstrum djestro destrø dereḡo iḡkjerḡa iřkerḡe vermikululus bermexo vermiλλo vøḡmeλu rubeus rubeo ruḡe wiridem vex berde verde verdi verde galben amarellus krokeus krotḡeo neḡro negro negru neri řḡeto pretu due tres tre řref k*inḡk*ē řḡjḡkwe ekkumhik k*em kjen řfine ke řfe ove unde onde deunde donde kome řḡemu:t nek ne en deintus avek et e se ke porke perke purke

Appendix 3 - Segments used in the word list

1) g

ego: gra:num gʁen grano grano grēw̃ gra griw gʁamen grēm̃e grēm̃e gram sangre sangwe sēgi sēgi gʁes grasa grafe gref
gœl gøj ōgl ungja gamba gambə genikulum fegato figēdu agwē lago lagu ka:li:ginem negurə gelu: glas gjatf̃a fwego
fogu līg lengwa lingwa ligwē musəga musəgar su:gere sugaʁ sugar kogno:skere ko:gita:re fra:gra:re nəga anegar annegare
segəʁ pungere jugula:re zygytle nabegar navigare nəbəga naviga segurar siguraʁ fregar frəga iffrigar tergere ekstergere
enxugar affugare ēfugar əfuga liga:re legar legare zogəʁ zuga flugtwar gela:re glakia:re glase gjatf̃jare gləsa inglakia:re
aʁgmenta:re oɡmāte gōfle gonfjare flagra:re flagwē flagrar flagrare flagrar awgū aɡū əlgu gʁā grande grande grēdʒi grēdi
longus lungo lōgu largo laʁgu gʁā graso grasso grafu gras gras gordo gʁo grosu grəs grawis gʁijef grabe greve
gravi gravi grew angustus angosto angusto dewgadu fri:gidum sequ lɔŋgum gof galbinus galben negru

2) o:

ego: no:s no:i no: wo:s vo:i vo: lo:ro homo: spo:s o:b flo:rem fjo:re flo:r o:wum o:rikla so:lem so:vjō no:men no:me
no:minem wo:mo vo:mi kogno:skere ko:gita:re odo:ra:re ko:nsuere ekspo:nere ko:la:re to:tus po:k majjo:rem mo: mo:si: go:f
duo:s kʷando: kʷo:modo no:n

3) ʒ

ʒə ʒə ʒāb ʒənu ʒueɫu ʒweɫu ʒənoɫ pluʒə kalizēj̃ kelizēj̃ zel ʒet ʒuw ʒorn ʒəʁna ʒuwne māʒe mēʒaʁ mēʒar mənʒa kuzitaʁ
kuzitar pūʒiʁ pūʒiʁ zygytle naze zeziz̃ zezek̃ zezet̃ ʒawrə ʒiʁe ʒiʁar ʒiʁa əfʁiʒiʁ əfʁiʒiʁ əstərʒi ʒəte ʒejtar ʒwe zogəʁ ʒuʁar
ʒuga ʒuka ʒəle ʒilar ʒəla ɪnfʁindʒe laʁʒ du:ʒe: suʒu lōʒi lōʒi kuʒ ʒon

4) ə

ʒə sə:si sə:la dənə dɔamnə ɔmə əspɔʒə mərit əspɔs marə parə tatə nəmajə pasərə pədukje sərpen abrə səmāʃ səmen
səminf̃ə fuɫə frunʒə ərel rədəf̃inə əskɔrsə skɔartə erbə jarbə konnə ɔqadə plomə pɛʁnə panə pər ʃəvə kəbɛɫ ʃəvə testə
tʃəastə urɛɫə bokə bukə golə gurə kambə gambə pɛrnə ʒənu ʒənoɫ minə alə bentrə paɲf̃ə əspaɫɫə ɪnimə fedʒə ɫunə lunə
əstɛl əjɣwə apə pluʒə pɛdrə pʃatrə ərenə arinə sorə tərə tsarə newlə negurə tənɛbrəs ʃf̃eəf̃ə ɡɛatsə sendrə ʃf̃enuʃə biə ʃəmɛ
kəmi muntəʁə diə ɔmə bərbaɫ limbə bɛwɾə mənʒa musəga musəgar musəʁə əskupi rəspira riwɾə bɛwɾə sənʒi səʃɛ kuneʃə
pənsə pəsə sənʒi flɛjra temə biwɾə nəga mətə batrə kəsə səʁə təɫə tɔja fendrə pərʒi səvɛ səpərə rawɾə rəʒə rəska kəba
nəda nəbəga ʃəmine kəmina vəniz̃ bəni əstendrə ʒawrə ʒəf̃ɛə əstə ləvə ɫəba əlsə tɔrsə kawrə kədɛə təniz̃ təni ɪf̃pɾəməʁ
ɪf̃pɾəməʁ əspɾemə sərar səra əfʁiʒiʁ əfʁiʒiʁ əstɾɛʁə frəga frəsə əstərʒi əfuga trɛwɾə əmpɛʁə ʒəte ɫənsə kəntə əskorə korə
ʒəle ʒəla gləsə kɾɛfə krəma ənsendrə əlgu altrə amplə əspɛs pəʒd̃ pəʒat pəti pətit əstɾɛt mənʒ mənʒut mərunt dəlɪkat rəw
rɛktə əfilat əpɾəp destrə əskɛrə bərmɛɫ nɛʁrə dowə kwatrə əɫə ən sə kə paʁskə pərke

5) j

jo jerba kabejo kwejo estreja jubja jelo jaθer jebar amarijo aja

6) o

jo io jo nos no bos vof vos eɫos lo:ro kwesto kwello vose voste moɫɫe domina doʁa done hominem ombre omēj̃ om
homo: wəmo nijo nino sponsa esposa ispoza ɪfpoʒə moɫɫe mariðo marito sponsus esposo spɔzo ispozu ɪfpozu sokius
səʃfo sots omaj wazo utfello paxaro passero pjoxo pidəkkjo pioɫu poɫ pedoli arborem arʃol albero aɾvori arbore palo
fruto frutto grano grano folia oxa foɫe frondea frondʒa kortikem kortitf̃e kortikea korteθa kortettf̃a koɾʃisɛ skortea ekɔʁs
flor floʁ kotenna kodʒiɛ kodiv konnə po ossum weso ɔsso osu os webə wəvo ovu ow kornu: kwerno kərnə koʁnu kornu
korn kola koda plomə pelo kabejo kapello ɔweʒ orexa orekkja oreɫə oreʃɫə orele okulus oxo əkkjo oɫu voli ok' naso
na:so boka bokka bokə bokə gola golə pɛrnə petiolus pɛbiolo pitf̃ɔlo pɛkol pitf̃jor inoxo ɟinəkkjo ʒənoɫ ɟɛnoli mano
ma:mo intesti:no kollum kwejo kollo dorsum do dəsso dos epol seno pɛʃfo pɛtto kor kor ɪʁəðo fegato sol sole solikulus
soreli o pjoðʒa ploje rio lago lago sasso sorə polvere polbo pols nublo nuvola nor θjelo ʃf̃elo bjento vento jelo ɟɛlo
umo fumo fokum fwego fwəko fogu foʁu fok kamino kammino montem monte monta:nea montəʁa montəʁnə noctem
noʃf̃e dʒurno ɟorno ʒorn xornada ɟornata dʒornade əʁo anno nomi nomi nombre ombre wo:mo omēj̃ komedere komer
kome morde:re moɾdɛʁ moɾðer moɾdɛʁ morsika:re moskar morsikare konspuere womere vomiz̃ bomitar vomitare gomita:
avomita soplar soffjare sopraʁ 'vjodi oir ovir kogno:skere konoθer konoffere koʁesɛʁ koʁosi kodʒitare ole:re oler olire
odo:ra:re odorare dormi:re dormir dormire doɾmiz̃ dormi morir morire moʁɛʁ okki:dere kortar koʁtaʁ skortare kosaɫ
fodere nwoʒare wola:re vole bolar volare voaʁ zvolare zvola: ose toma:re tomar tornare toʁnaʁ torna: torkʷ:ere toɾθer
donare donar doa appektora:re fʁote frotar arrontf̃are koser komputa:re kontar kontare konta: sporre joka:re ɟokare zogəʁ
kolar kolare koaʁ skorrere ɪfkoʁɛʁ əskorə skori: korer korrere koʁɛʁ korə kori oɡmāte konfla:re gonfjare zgloŋfa: ustolare

Appendix 3 - Segments used in the word list

omne:s op̄pi todo tutto tod̄u tođ̄u tot muł̄fo molto mol molc tanto okœ̄ alguno alkuno poko p̄ko powku ot̄k otro altro
owtru mapo map̄no longus longo łon̄ lar̄yo largo lato an̄fo amp̄jo graso grasso espeso spesso gordo grossus ḡro
gr̄ssu grosu gros gros l̄rdo lordo pesađ̄o pekejo pit̄f̄ino pikkolo korto korto angosto angusto estreł̄fo stretto menudo
minuto delyađ̄o delikato sottile ʃo kaliđ̄o kaldo frio fred̄o leno p̄je:~no nowum nuvo nweł̄o nwa:~vo novu now bjexo vek̄jo
bonum bweno bwa:~no move malo katti:~vo pođ̄riđ̄o mar̄fo podri sordidus suł̄jo sp̄rko rekto drit̄o rotundum ređ̄ondo
ton.do ruđ̄o rotund ayuđ̄o affila:~to sinfilo zmussa:~to liso liffo moxađ̄o baŋ̄a:~to seko sekko korre:~ktum korretto propiŋk̄um
vił̄fi:~no łon̄gum lexis lonta:~no lon'taŋ̄ djestro de~stro dereł̄fo goł̄ sinistro roxo rosso ʃo~f̄ ʃo~fu ros ro~fu bermexo vermił̄ł̄o
rubjo r̄obbjo rubeo zon amarijo krokeus krot̄feo albo ne~ȳro negro pr̄jeto uno dos dow̄a k̄attwor kwatro kwattro ʰinko
ove juo onde on donde kwando k̄o:~modo komo kome komu no non kon abhoc k̄od prok̄id porke

7) i

io noi voi elis hik sə:si isu iftu ille akilu ekilu is lui eli fe:~mina femmina femine mulierem domina hominem infantem
infante if̄ēf̄i n̄jo n̄jo n̄jo ispoza mulier m̄xi mariđ̄o marito maridu meriđ̄u marit m̄rit ispozu sokius mari pari animalia
alimapa be:~stia biffa bi~f̄e bis piskem pe~f̄i avi awikellum pid̄kk̄jo pioł̄u pedoli se~p̄ēf̄i sarpint ve~mi a~vori silwa f̄u~pi
sementis simjente semēf̄i simēs grin folia raiθ̄ ʋais ʋeif̄ ʋadi ʋasin r̄ađ̄a~f̄in̄a kortikem korti~f̄e k̄a~f̄isi k̄ortisi kortikea
k̄o~f̄ise kurtise rista ʋe~f̄i kod̄je kod̄ie p̄eli ka~ni bibjenda vivanda vivēda vivēde sanḡin̄em s̄ēgi adipe pilus kapillus
f̄ivja kapitia o:~rikla voli nariθ̄ nari~f̄e naris neri~f̄ dēf̄i dint dinte piez petiolus peθ̄iolo pit̄f̄olo pit̄f̄or genikulum inoxo
đ̄in̄ok̄k̄jo đ̄in̄o đ̄enoli vintri vintre pantikem wiskus tripas intesti:~no ispadw̄e sinus si pi pit anima anime inim̄a iyađ̄o
figedu fiyeđ̄u fi~ja:~t fik̄at solikulus soreli istrele pluvia pl̄i flumi rio ʋiw ʋiu riw ri:~pa:~ria ʋiv̄e~k̄ rivi:~k̄ lapidem lapide
arin̄a nu:~bilus ka:~li:~ginem kalina kalid̄gine kaliz̄ē k̄el̄iz̄ē tinjeb̄las kaj̄kia 'vint niwem n̄vi kinerem θ̄eniθ̄a f̄in̄ize wia bia
via vīe bīa istrade if̄trađ̄e kamino kammino k̄em̄ju k̄emi mōf̄i n̄pi nit die:s dia di dīe dīa zi diurnum diurna:~ta nomi
no:~minem linḡa lingwa limb̄a bibere bevi mwardi morsika:~re morsikare kusp̄is kusp̄ir eskup̄ir a~skupi vomis bomitar
vomitare vumita~k̄ vumitar bumita vo:~mi gomita:~ avomita ʋespi~k̄e respirar respirare ʋespirar ʋispirar r̄espira ʋespi~k̄e respira:
arespira ʋis̄ reir ʋir ʋirw̄a 'ridi wide:~re 'vjodi oir o(w)vi~k̄ ovir s̄a~ti sin'ti awzi f̄ti kin̄h koposi ko:~gita:~re k̄i~de kwidar
kod̄zitare kuzita~k̄ kuzitar s̄ati~k̄ sentir sentire s̄ēf̄i~k̄ s̄etir s̄anti s̄eti sinti:~ simf̄si olire time:~re temi trima:~ d̄o~mi~k̄ dormir
dormire d̄o~mi~k̄ durmir durmi dwa~mi dormi viv̄ bibir vivere vive~k̄ viver biw̄a vivi via mu~k̄is morir morire muri m̄ari
muri tu:~ari ʋksis ut̄f̄idere uksi ut̄f̄ide batir bati kaptia:~re ta:~lia:~re di:~widere dibidir dividere đ̄i~viđ̄i~k̄ di~viđ̄ir dibidi dividi
divide skindere f̄indere findere pa~ti~k̄ partir partire pa~f̄i~k̄ p̄artir p̄arti p̄a:~rti p̄uzi~k̄ p̄uzir pupi fw̄is i~k̄e~va~k̄ i~k̄e~va~r
naviga:~re navigare naviga:~ naviga f̄o~mine kaminar kamminare k̄em̄ja~k̄ k̄em̄ja~r k̄amina f̄imine camina:~ ambita:~re v̄oni~k̄
benir venire vi~k̄ vir b̄ani vini v̄ipi:~ veni istēde~k̄ istēde~r ek̄stinde zez̄is jesi altia:~re zi~k̄e x̄i~ar đ̄irare z̄i~ar z̄ira đ̄ira:~ vi~k̄e
birar virare virar bira k̄eir dine t̄oni~k̄ t̄oni t̄ini t̄inji t̄sine eksprimere ekspre~mi~r ispr̄ame~k̄ ispr̄ame~r esprimi stringere
estrep̄ir strind̄gere a~f̄tr̄iz̄ir a~f̄tr̄iz̄ir stringe frikare frikta:~re frisar estarsir a~st̄a~zi esq̄ije limpida:~re limp̄ja~r tira:~re t̄ise tirar
tirare f̄ira tira tire tira:~ impingere impind̄gere impind̄ge xita liga:~re lie li~ya kuf̄ire kuzi kuzi di~k̄ deθ̄ir dire d̄izer di zi~f̄e
ludir fluita:~re fluitare fluir fluire fl̄wi~k̄ fl̄wir flui eskurir i~k̄ko~k̄e i~k̄kurer ku~k̄is kori glakia:~re inglakia:~re infla:~re inf̄ar enfiare
imfla intume:~skere inkendere inf̄end̄jare inf̄ind̄ze op̄pi altri alius gr̄ēđ̄i spissus i~f̄pesu grawis ḡi~jef̄ gravi gravi pittitus
p̄eti p̄etit p̄iti 'pittinus pit̄f̄ino putsin pitulus pikkolo pit̄ful brewis b̄revi striktus istrejtu minu:~tus minuto miudu miuđ̄u
minu minu:~t de:~lika:~tus delikato d̄elikat sutil sottile suł̄i~w̄ suptil su:~ti subtsire kalidum kaliđ̄o fri:~gidum frio friu plin 'vjeri
trist putridum puri pođ̄riđ̄o puđ̄rit pu:~xi sordidus drit̄o dire~jtu direk̄tu affila:~to efiadu a~f̄ilat askutsit sinfilo lis liso liffo
lizu lis slis u:~midum umidu umiđ̄u sikkus propiŋk̄um vił̄fi:~no l̄o~zi dire~jt̄e dire~jt̄e iθ̄k̄jerđ̄a sinistro vermikulus vermił̄ł̄o
wiridem galbinus amarijo nigrum neri kwatri ʰinko f̄iŋk̄we siŋk̄ 'f̄iŋk̄ f̄iŋf̄ isi aki kwi eki illa:~k̄ ibi:~ vi ai ei k̄is ki
kwi f̄ine k̄id ubi đ̄đ̄i ni in
deintus dins i ʃi si ki prok̄id

8) w

ew jew wo:s kwesto kwello w̄omo pwas̄o awem aw awikellum wazo wermem silwa sewva paw fwee skwas skwarte
kwan wi:wenda sangwe weso w̄wes o:wum webo w̄vo ʋw ow kwerno kwen kwar kawde k̄ow pwal pew z̄weł̄u
wentrem wiskus kwejo kw̄el ispadw̄e kw̄ore awm̄e fwa s̄ow etwal aywa akkwa agw̄e aj̄yw̄a e:w pluvia ri:wus ʋiw riw
riw saw pulwerem pulwus nevw̄e newl̄a s̄ew wentum niwem new fwego fw̄oko wia vwa wo:~mo lengwa lingwa ligw̄e
bw̄a~k̄ b̄ew̄a mwardi womere riw̄a wide:~re vwa~k̄ b̄ew̄a awzi savwa~k̄ kwidar dwa~mi wi:were biw̄a nwaje tuwe di:~widere
pwēd̄k raw̄a fw̄is kawa:~re ekskawa:~re nwotare wola:~re vwar weni:~re zaw̄a swa~k̄ f̄wa~k̄ kaw̄a lawa:~re suwe t̄ew̄a z̄we
đ̄uwe flugtwar fl̄wi~k̄ fl̄wir k̄wat̄k̄ awḡu powku owtru aw gr̄wes grawis grew grew brewis brew et̄k̄wa dewgadu suł̄i~w̄
f̄wa nowum nweł̄o nwa:~vo n̄ow now wetum bweno bwa:~no maw r̄aw d̄wa sua:~w̄e lw̄e d̄wat̄ ł̄a~ḡum wiridem awvu
nwa~k̄ dow̄a t̄wa k̄attwor kwatro kwattro kwatru kwat̄a kwat kwatri f̄iŋk̄we kwi kwi kwa kwe:~ kwando kw̄edu kwan
kwand kwant

Appendix 3 - Segments used in the word list

plin nowum nuvo nweþo nwa:vo novu nɔw nɔ've now bonum bwenɔ bwɔ:no bɔn bun rotundum reðondo ton.do ta'rɔnt
rotund sinfilo neted vitfi:no lontano lon'taŋ sinistro galbinus zon ɕen galben nigrum nwaɔ neɣro negro negru neɣrɔ nɔɔ
neri u:num uno un unu kʷi:nkʷe θinko ʃinʃ kjen ʃfine unde onde on deunde donde kʷando: kwando kwan kwand kwant
kind no:n nɔ no non nēw
nu nek ni ne nēj nēj nē in en ən in deintus dins kon

14) s

no:s nos nɔjs wo:s bos vojs bus vos eɔs elis sɔ.si este kwesto isu sɔ.la ese usted vose vɔse voste is sponsa esposa
spɔza ispoza ɔspɔzə maritʉs sponsus esposo spɔzo ispozu ɔspɔs spo:s sokius sɔʃo sɔts be:stia bis piskem pɛs pwasɔ useɔ
passerem passero paseru pasere peduklus serpentem sɛpɔ sɛrpjente serpente sɛpɛʃi sɛpɛti sɛrpen sɛɣpɛ sarpint silwa
selba selva sɛwva sɛlvɛ selve pa:lus fru:ktus se:men seme sementis sɛmɔs simjente semente semɛʃi simɛti sɛmen simɛs
sementʃe sɛminʃə frɔsə ɔais ɔasin rɛsɛn kɔʃʃisi kɔrtisi kɔʃʃisɛ kurtisɛ skortea ekɔs skɔrtsa ɔskɔrsə skwas skwartse
skɔartə restem rista rɛsta sangʷinem sɔ sangre sangwe sɛgi sɛgi saŋ sɔ:g saŋk sindɕe ossum ɔs weso ɔsso osu vwɛs os
gɔɛs grasa pilus kapillus kavettisa kabesɛ kɛʃesɛ testa testa testɛ testə ʃfɛs testɛ tɛastə okulus na:sus naso na:so nas na:s
naris na:ris petiolus pɔs pɛsɛ pɔs wiskus tripas intesti:no ɛtrɛpɛs dorsum dɔsso dos spatula espalda spalla ɔspaɔɔ spal
spalɛ spate sinus sɛ senɔ seju sɛju si sen san pektus so:lem sol sole sɔw sɔɔ sɔl sɔɔ sɔare solikulus sɔɔɔj soreli ste:lla
estreja stella istrelɛ ɔstel stɔ:l stele stɛa ri:wus sa:lem sɛl sal sale saw se sa:l sare saksum sasso seɣʃu seɣʃu sabulum sabl
sajbru sorə so:vjɔ savalon sabula sabbja pulwus pols nu:be:s nu:bilus tene:bra:s tinjeblas tɛnebrɔs fumasɛ sjɛl sɛw sɛl si:ɔ
glas gles fu:mus sɔdɔ sendrə sɛ:d sizɛʃ strata estrada strada istradɛ die:s morsika:re moskar morsikare musəga musəgar
musaya murseka su:gere syse sugaɔ sugar sysi: suɕɕe konspuere kɔspye kuspiɔ eskupir ɔskupi skujpa sputere esputar
sputare spuda: sufle soplar soffjare sopraɔ suprar spi:ra:re ɔspɛɔɛ respirar respirare rɛspira ɔspɛɔɛ respira: arespira sɔnti
sin'ti ski:re sapere sawwaɔ saber sabɛ sɛber sɔʃe savɔɔ save: kogno:skere kɔnesɛ kɔniser kɔnosi pe:nsa:re pɔse pensar
pensare pɛsaɔ pɛsar pɔnsa pɛse peŋsa: pɔsa senti:re sɔtiɔ sentir sentire sɛʃʃiɔ sɛtir sɔnti sɛti sinti: simʃsi ɔksiɔ uksi ʃase
kasar kɛsar kɔsa ʃfesi: pulsa:re puse pulsare pulsa: pulsa seka:re sje segar segare segaɔ siyar sɔya sea: ekskurta:re skortare
skurta: skurta skindere sɛde se:para:re sɔvɛ separar separare separaɔ sipɛrar sɔpɔra separa: separa rasar rasare rasa:
raskar raska kosaɔ kusar ekskawa:re eskabar skavare ekstendere ekstender estendere istɛdɛɔ ɔstendrə ekstinde jesi sede:re
swaɔ ser sedere sɛɔ sedenta:re sentar sɛtar senta: sta:re estar stare ɔsta es sta: sta ose aɔsa aɔsar ɔsa ho:si: turser tɔrsə
segurar siguraɔ siyurar eksprimere ekspremir spɛmere ɔspremə esprimi skreme serrere serar sɛra sɛrar sɛra serare sɛre
serrare siyar sere stringere estrepiɔ strindɕere ɔstreɔ stringe strɛngi: strindɕe frisar frasa ekstergere estarsir ɔstɛrɕi
eksu:ka:re esɕije suwe suja: uska puse pu:si: pulsa: lɔse lɛsa lɛsar lɔnsa ko:nsuere koser ɕase eksponere sporre spune
ekskurrere eskurir skorrere ɔskorə skori: skurɕɕe glase glɔsa intume:skere itumeser kre:ske:re kreseɔ kriʃser ɛsɔdɕe isendɕiar
isɛdɕar ɔnsendrə ustula:re ustolare ustura omne:s to:tus multus tantus paɕkus alius magnus longus largus la:tus amplus
krassus graso grasso gras gras gras spissus espeso spesso espɛsu ipɛsu ɔspɛs spe gurdus grossus grɔsso grosu grosu grɔs
grwɛs gros grawis lurdus pe:sant pesaɔ pesante pittitus 'pittinus pitulus kurtus brewis angustus angosto angusto iŋgust
striktus estreʃo stretto istreɕtu ɔstret stɔɔ: stret strimt minu:tus de:lika:tus subti:lem sutil sottile suʃiw suptil su:ti sutil
subtsire trist sordidus sal suθjo spɔrko suzu mo:si: spork askutsit hebes emuse sinfilo zmussa:to segu seyu sua:wɛ lis liso
ɔis slis sikkus
sek seko sekko seku sek sɛʃ sek lexos dekstrum djestro destro dɛstru destrə di:re:ktus dɛstra sinistro ɔskerə stiŋg russus
rosso ros rɔs vermikulʉs rubeus galbinus amarellus krokeus albus duo:s dos dojs duas duɛs tre:s tres trɛs sɛk siku siŋk
isi kʷis deintus dins si:k si: si se si sɔ paɔskɔ

15) u

nu vu bus isu iftu akilu ɛkilu tu usted mulierem muxer muɔɔɔ muɔɔɔ muɔɔe mui:r mujere epuz mulier muxer muɔɔɔ
muɔɔɔ muɔɔe mui:r mujere mari:tus maridu mɛriðu sponsus epu ispozu ipɔzu sokius awikellum utʃfello useɔ utʃjel paseru
peduklus pu pioɔu pju pɛdukje arvuri arbul pa:lus fru:ktus fruto frutɛ fruɕt fruɕt frukt gra:num fuɔɔ frunzə kurtisɛ
fune funje ossum osu o:wum ovu kɔnu kɔnu kua pluma pjuma plumɛ pilus pelu pilu kapillus kabelu kɛbelu ureɔɔ
ureke okulus oɔu na:sus bukka buʃ bukə gula gurə ungula uɣa ungja uɣe ɔŋgule ungje petiolus genikulum zɔnu zueɔu
zweɔu ɕɛnunkʲ manum wiskus kollum ku kɔlu dorsum spatula sinus seju sɛju pektus peɕtu peɕtu fi:ka:tum figɛdu fiyeɔu
solikulus luna luɛ lɔna lune lunə pluwia jubja juve pluza ʃjume flumi flumi flum ri:wus xiu lakum lagu layu saksum
seɣʃu seɣʃu laude sabulum sajbru sabula pulwerem pudɔ pulbere pulwus nube nuvɛj nuvɛj nu:bilus nublo nuvola nublada
nuɔuɔ nebula negurə fumata fuma:ta fumase fumate kajlum wentum vɛtu fu:mus umo fumo fumu fum fokum fogu foɕu
ʃfenuʃə kammi:num kamɕu kemɕu mun munte muntajə diurnum zuɔ djurno diurna:ta zuɔne annum ɛnu nume kumer
manduka:re mandukar mɔdɛr musəga musəgar musəga sugaɔ sugar cuca: suɕɕe konspuere kuspiɔ kuspiɔ kuspiɔ eskupir
ɔskupi skujpa sputere esputar sputare spuda: vumitaɔ vumitar bumita sufle suprar udi:re kɔniser kuneʃə kunɔafte kuzitaɔ
kuzitar kujda kuɕeta ulura durmir durmi durmi: muɔɔɔ muɔɔɔ muri muri: muri tuwe utʃidere uksi utʃide pugna:re pupar
pupɣare pupa battuere pulsa:re puse puxar pulsare puʃaɔ puʃar pulsa: pulsa kurta:re kurtar ekskurta:re ekurte skurta:

Appendix 3 - Segments used in the word list

skurta pungere pundgere pupi pundge jugula:re jugula:re kusar bula zbura lua tukne turnar turna turna turser tumbatumba tume duar duna segurar sigurak siyurar enxugar affugare efugar efuyar efuga suwe suja: uska puse pulsa:erunkare arunka ko:nsuere kudx kufire kuzer kuzi kuzi komputa:re kumta e:numera:re enumere enumerar enumerare enumera numara spune ludir xugar zuyar zuga dzuwe dzuja: zuka flu:ktua:re flugtwar fluttuare flutuak flutuar fluktua fluctua fluita:re fluitare fluere fluir fluire flui kule kuar kuła ekskurrere eskurir ifkurer skurdge kurrere kusix kußer kurdge augmenta umfla intume:skere entumeßer itumeser brutfare bruza: ustula:re ustolare ustura to:tus tu tutto todut dut multus mu mutfo mütu mult tantus tētu tētu alguno alkuno algu paükus powku owtru alius magnus longus lungu lögu lunk lung largus lægu largu la:tus latu amplus efu krassus grafu spissus espesu ifpesu gurdus grossus grosu grosu lurdus luk pezadu pizaðu pittitus 'pittinus pekenu pikenu putsin pitulus pitful kurtus kuß kustu kurtu kurt kurt angustus angusto ingust striktus istrejtut iftrejtut minu:tus menudo minuto miudu miudu mēnut minū mērun t de:lika:tus dewgadudekyaðu subti:lem sutil sufiw suptil suti:l subtsire kalidum fri:gidum friu ple:num feju nowum nuvo novu wetum veļu bonum bun małum putridum puri puðrit putred sordidus suθjo suzu brut murdar re:ktum direjtut direktu rotundum xidödu ruðo rotund aku:tum ayuðo efiadu u'fāt askutsit emuse zmus:to segu seyu sua:wē lizu u:midum muje umidu umiðu mułat mu'ji: ud sikkus seku korre:ktum propiñk^uum pektu pertu longum λuñ dekstrum destru deftru dire:ktus læwum russus ru rofu rofu vermikululus vεmeļu virmejālu rubeus ruž rubjo rubeo ruðge galbinus amarellus emarelu emereļu krokeus albus awvu alvu nigrum negru pretu u:num uno un uñ unu duo:s duaj due duas dues duēf kwatru patru siku ekkumhi:k ubi u juo unde deunde kwēdu komu kum nu deintus kum ku avu purke purki

16) f

noʃ voj elif iftu ifpozε ifpozu biffa bifε peffe pejfi pejfi peʃ peʃte fje ʃarpe ʃeif ʃeʃfi ʃeʃti ʃeʃ ʃf grafe gref ʃəvø ʃəvε tεʃte nεrif buʃ papʃə ētreņeʃ ifpadwε iftrele ʃuve seʃʃu seʃʃu treneʃ sīzeʃ ʃfenuʃə iftraðe ʃəme kufpir ʃeʃpirar ʃiʃpirar ʃti konoffere kunεʃə kunqaste ʃejrak ʃejrar ʃase puʃak puʃar ʃindere ʃaʃkak ʃeʃkar ifkεvax ifkεvar ʃəmine maʃʃe iftēder ʃedεa iftar altʃa: ʃwax ifprəmeʃ ifprəmer əʃtrīzīr əʃtrīzīr iffrigar iffriyar ʃterðge affugare efugar efuyar efuga ʃāte ifkoʃeʃ ifkurer ifar kreffere kriʃser kreʃə kreʃte efu grafu ifpesu iftrejtut ʃo ʃeju tʃəʃā liffo deʃtru goʃ ifkerðe go:ʃ ʃoʃv ʃoʃu roʃu doʃʃ duēf tref ʃi

17) oj

noj voj nojti froj rojb dojs dojʃ doj

18) v

vu voi vɔjs voj vos vo: voj vose vɔse voste avi avi vεx verme vεxmi vermi verm vjer vjer vjerme aʃvori arvuri selva sεwva sεhvε selve εxvε εrvε vjād vivanda vivēda vivēde vwεs wɔvo ovu ʃəvø ʃivja cavej ʃəvε kavettsa voli vātɔ vēt vintri vintre ʃuve kivjek rivi:ʃ so:vjō savalon polvere polvar nuvēj nuvēj nuvola nevwe treveʃ vā vento vētu vē 'vint vint neve nevi nevi vwa via vie bevi vomix vomitare vumitax vumitar vo:mi avomita vwaʃ vεde:re vεx ver vε'ji: 'vjodi avedεa o(w)vix ovir savwaʃ savø:ʀ save: vivx vivere viveʃ viver vivi via dividere dʒividiʃ dividiʃ dividi divide səvε kavare kεvax kεvar ʧə:vle ʒava: skavare ifkεvax ifkεvar zʒava: naviga:re navigare naviʃax neviʃar naviga: naviga vole volare voax vwar vɔle zvolare zvola: vɔniʃ venire viʃ vir vini viji: veni leva:re ləve levare levax livar leva: viʃe virare virar lave lavare lεvar lava: greve gravi gravi grav grevi breve brevi brevi nuvo nɔv:vo novu nɔ'vε vjō vekjo vεļu vi: 'vjeri vekʃ move katti:vo viʃi:no vermikululus vεxmej vermiālo vεxmeļu virmejālu vεx verde verdi vεt vεx vεt verde awvu alvu vi ove avek avu

19) b

bos bus embra fembra ombre be:stia biffa bifε bis abe berme arborem aʃbɔ albero abɔ o:b arbul arbore selba herba εʃb jerba εrba erbə jarbe jarbə bibjenda webə kabεjo kabelu kəbεʌ kabεsə bukka buʃ boka bokka bɔke bɔkə bɔk bɔce bukə gamba zūb gamba kambə ʃambe gambə bjentre bentrə jubja sabulum sabl sabula sabbja pulbere polbo nu:be:s nube nu:bilus nublo nublada nebula njebla nebbja tene:braj tε:nebre tene:bra:s tenebɔ tinjeblas tε:nebre tənebrəs bjento ben njebe bia biə nombre ombre bərbat limbə bibere bwaʃ beber bere bebeʃ beʃer bεwɔ bεx bevi bεa bomitar bumita ber bεwɔr saber sabεʃ sεber bibir biwɔr battuere batɔ batir battere bateʃ bεter batɔr bate bati dibidi dibidi kabar kəba eskabar nabegar nəbεga bolar bula zbura ambita:re benir bəni jebar ʌbə birar bira tōbe tumbat tōbax tōbar tumba bɔyle brutfare bɔu:le bruza: flābe grabe brewis bɔef brebe breve brevi brevi brew bɔef subti:lem subtsire bjexo bεʌ bonum bō bweno bwɔ:no bɔn bɔj bun brut hebes baʃna:to ba'nat bermexo bεrmeʌ rubeus rubjo rɔbbjo rubeo rojb berde galbinus galben albus albo alb ibi: ubi abhoc

Appendix 3 - Segments used in the word list

20) i:

ei: mui:r mui:r mari:tus mari:t ra:di:kem ra:di:ke radi:ŋe ra:di:ki:na wi:wenda pi: pi:t intesti:no fi:ka:tum ri:wus ri:pa:ria rivi:ŋ pi:ŋ ka:li:ginem si:ŋ ʃi:l ni:f kammi:num ma:ni: sy:si: spi:ra:re ri:de:re ri:dere xi:ŋ ve'ji: aʊdi:re udi:re ɔ'ji: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:dere ʃesi: teji: di:widere parti:re parti: neɖʒi: ma:ŋʃi: weni:re vi:ni: ho:si: strengi: pu:si: lanci: lɔʒi: di:kere di:ŋ di: skori: subti:lem suti:l fri:gidum vi: katti:vo mo:si: mu'ji: vitfi:no di:re:ktus k'wi:nk'e ekkumhi:k ibi: ki: si:k si: ki:

21) λ

elos molle muler muler mule molle muler muler mule useλ pioλu poλ falla folə fulə peλ kabeλ oreλə orejəλ ureλə oλu zueλu zweλu zənoλ kəλ əspaλlə lunoλ lak taλλa:re taλas teλar təλa ləba lənsa liya loŋ lark leno veλu beλ lis muλat λuŋ vermiλλo vemeλu virmejəλu bərmeλ əλa

22) l

lo:ro elis elif ille sə.la kwello akilu ekilu el lui: eli eli mulierem mulier animalia alimapa nema:l awikellum utʃfello utʃjel peduklus pedoli arβol albero arbul silwa selba selva selve pa:lus pal palo pa:l folia ərel flo:rem floer flor floer flo fłə:ŋ flo:r floare pellem pjel pelle peli peli pjel pjele kola plu:ma plym pluma plomə pləm plumə pilus pwal pelo pelu pilu pel pe:l kapillus kapello kabelu kəbelu o:rikla orele okulus voli gula gəl gola golə gəle ungula ɔgl ɔngule petiolus peθiolo pitʃolo pəkol genikulum ɖenoli a:lə el ala alə ale kollum kollo kəlu kwel spatula epol espalda spalla spal spale alma almə so:lem sol sole səl sələ solikulus səlɛj soreli lu:na lyn luna luv lən lune lunə ste:lə etwal stella istrelə iʃtrelə əstel stə:l stəle pluwia plɛi pluzə plu:ŋ ploje plɔʒe flu:men flumi flumi flum lakum lak lago lago lagu layu la:t sa:lem sel sal sale sa:l lapidem laude lapide sabulum sabl savaln sabula pulwerem polvere pɔlvar pulbere pulwus polbo pols nu:bilus nublo nuvola nublado nu:l ka:li:ginem kalina kalidʒine kalizɛj kəlizɛj nebula njɔly njebla newlə tinjeblas kajlum sjel θjelo ʃelo sel ʃi:l gelu: zəl jelo ɖelo glas gləs glaʃe lingʷa ləg lengwa lingwa ligwə lɛu 'lengə limbə sufle soplar ole:re oler olire ulura fləre fləjra pulsa:re pulsare pulsa: pulsa ta:lia:re jugula:re zygyle jugula:re ɕa:vle wola:re vole bolar volare bula vɔle zvolare zvola: leva:re ləve levare levəŋ livar leva: lua altia:re alθar altsare əlsa alʃa: lawa:re lave laβar lavare ləvar lava: la limpida:re limpiar lipar pulsa: lankea:re ləse lanθar lanʃare ləsa ləsar lanci: lanʃa: liga:re lie legar legare lɔʒi: lea: lega lu:dere ludir flu:ktua:re flyktɛ flugtwar fluttuare flutuəŋ flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwix flwir flui ko:la:re kule kolar kolare kəle gela:re zəle elar ɖelare zilar zəla ɖəle glakia:re glase gləsa glaʃa: inglakia:re infla:re əfle imfla ɛfle enfla: umfla konfla:re gɔfle zgloŋʃa: bɔyle bɔu:le flamma:re flɔbe flamear flagra:re flagrə flagrar flagrare flagrəŋ flagrar ustula:re ustolare multus molto mol molc mult alguno alkuno əlgu alter altro altrə altri alt alius longus lɔ longo lungo lɔgu lɔ lunk lung largus larʒ larʷo largo larʷgu largu lark larg la:tus le lato latu lat amplus ɑpl amplə lurdus luŋ lerdo lordo pitulus pikkolo pitʃul de:lika:tus deɭyaðo delikato dəlikat subti:lem sutil sottile suptil suti:l kalidum kalido kaldo ple:num plɛ 'plɛŋ plin malo sal affila:to əfilat sinfilo lis liso liffo lizu slis lwə lexis lonta:no lɔʒi lɔʒi lɔ lon'taŋ vermikulus galbinus galben amarellus ɛmarelu ɛmerelu albus albo alvu alb illak la

23) r

lo:ro mulierem mui:r mujere mulier mui:r mujere mari:tus marito mari:t mərit ma:trem ma:dre mari patre pa:dre pɛr pari passerem passero serpentem serpente sərpen sarpint wermem verme vjer vjerme arborem arbul arbore fruk:tus frutto frut frukt gra:num grano grin gran griw frondea frondə ra:di:kem raiθ ərel ra:di:ke radi:ŋe ra:di:ki:na rədəʃinə kortikem kortiʃe kortikea kortetʃa skorteə skɔrtsə əskɔrsə skwarte flo:rem flor herba erba erbə jarbe gra:men restem resta karnem karne karn ca:r kornu: kɔrno kɔrn kwa:r korn o:rikla orekkja orele ureke nariʃe na:ris perna perno pɛrnə pitʃor wentrem vintri vintre dorsum kor kwɔre kɔr ku:r soreli ri:wus rio riw riw ri:pa:ria rivi:ŋ mare mar ma:r sare petra pje:tra pje:re hare:na arinə sorə pulwerem polvere pɔlvar pulbere terra tjera terra tɛrə tjere tsarə nor negurə tene:braj tɛ:nebre tene:bra:s tɛ:nebre ɖer kinerem ʃenere sɛndrə strata strada diurnum ɖorno diurna:ta ɖornata ɖornade bibere komedere manduka:re morde:re mɔrdere mwardi morsika:re morsikare musəgar murseka su:gere konspuere sputere womere flə:re spi:ra:re respirar respirare rəspira respira: ri:de:re reir ri:dere riwɔ 'ridi wide:re aʊdi:re ski:re sapere kogno:skere konoffere ko:gita:re koɖita:re pe:nsa:re senti:re sentire ole:re olire odo:ra:re odorare fra:gra:re fragrare time:re temere tremere tremare tri:ma: dormi:re dormire durmi: durmi: dormi wi:were vivere morire muri: muri nekare annegare tu:tari maktare okki:dere pugna:re puŋnare battuere battere kaptia:re katʃare pulsa:re pulsare seka:re segare kurta:re ekskurta:re skortare skurta: skurta ta:lia:re taλλa:re di:widere dividere skindere findere findere fɛndere parti:re partire pərti parti: se:para:re separare separa: separa puŋgere puŋɖere jugula:re jugula:re ra:dere raer radere rawrə rada: rade rasar rasare rəza rasa: raskar raska fodere kawa:re kavare ekskawa:re skavare nata:re naviga:re navigare wola:re mergere mɛrdʒere mɛrdʒe ambita:re andare weni:re ekstendere estɛndere jake:re ɖere sedere sedere sedenta:re sta:re stare leva:re levare altia:re altsare torna:re tornare turna tu:rne torna: turna gyra:re ɖirare ɖira: virare tork'w:re tɔrtʃere turser tɔrsə tɔartʃe kadere kawrə dare dar donare tene:re eksprimere sprɛmere iʃprəmeŋ iʃprəmer esprimi skreme serrere serar sɔra serare θerar serrare appektora:re

Appendix 3 - Segments used in the word list

stringere strindžere əftrizir əftrizir stringe strēngi: strindže frika:re fregare froj frea freka frikta:re frettare frisar lawa:re lavare tergere terđere ekstergere əstərzi fterdže eksu:ka:re affugare limpida:re tira:re tirare tire tira: trahere trarre traj trađe impingere impindžere jakta:re džettare lankea:re lanfare e:runka:re arankar arronfare liga:re legare apta:re ko:nsuere kuřfire komputa:re kontare e:numera:re enumerare numara di:kere dire ekspo:nere sporre kanta:re kantare lu:dere joka:re džokare 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 dželare glakia:re gjattfjare inglakia:re aųgmenta:re aųmentare infla:re enfiare konfla:re gonfjare intume:skere kre:ske:re kreřfjere bruřfare bruza: krema:re kremare krəma flamma:re fjammarə arde:re ardere flagra:re flagrare inkendere inřfendjare ustula:re ustolare ustura alter altro altri grandem grande gran grant majjo:rem largus largo lark larg krassus grasso gras gras gurdus grossus grösso grwəs gros grawis greve grav grevi lurdus lordo kurtus korto kurt brewis breve striktus stretto strət strimt mərunt subsire fri:gidum fred:o 'fret 'vjeri trist putridum puri marřo 'frait sordidus spərko spərak re:ktum rektō drito rektə drə: 'drət rotundum ređondo ruđ

o rō ta'rənt korre:ktum korretto propiřk'um pre dekstrum destro di:re:ktus dextra direjřtə drə:t sinistro əskerə russus roxo rosso ros rəs vermikulus vermiłło bərməł rubeus rubjo rəbbjo rubeo ruđe rəřf rojb wiridem verde vert amarellus krokeus krořfeo nigrum negro neri tre:s tre tress trə: 'tre: trej k'attwor kwattro kwatri patru prok'id perke pərke

24) i

eli elī ifēti ifpoze ifpozu pejři avi sirpēti vermi arvuri simēti səminřə kərtisi řesti peli karni sęgi sindže pilu dēti minə pintēře iftrele flumi riw vint nevi mōti nojti nomi biřer minka řiřpirar aride kupiser timer trimer siyar siřerar naviyər neviyər iftar livar sigurə siyurar siyar epirtar strindže ifřrigar ifřriyər impindže kinta zilar ingetsa kriřser inřfindže grēdi gravi pizađu pikenu brevi ingust iftrejřtu strimt kēti kēti podri řidōdu lōzi iřkerđe sting virmejku verdi ki ōdi kind in si ki purki

25) h

hik hominem homo: pəhō u:hə: herba hare:na kinəh hə:si: trahere kya'hā hebes ekkumhi:k abhoc

26) k

hik kwesto kwello akilu ekilu sokius piskem awikellum kanem kan kane kēw ka kijne peduklus pidəkkjo pədukje fru:ktus frukt ra:di:kem ra:di:ke ra:di:ki:na kortikem kortiře kəřřisi kərtisi kortikea korteřa kortetřa kəřřise kurtise skortea ekəws skərtsə əskərsə skwas skwartse skəartsə kwan kotenna kođře kodie konnə karnem karne karne kəřni karni karn sařk kə:ř kərn: kəřn kwerno kəřno kəřnu kərn: kəřn kwen kwar: korn kařda kə kola koda kawđe kua kəw kəde kapillus kabejo kapello kabelu kəřelu kəbəl kapitia kəřeřa kavetřsa kabesə kəřesə kap o:rikla orekkja ureke okulus əkkjo bukka boka bokka bokə bokə bək bukə kambə pekol genikulum džinəkkjo pantikem wiskus kollum ku kwejo kollo kəlu kəł kwel pektus kor kəř kwəre kəř kor kəř ku:ř ku:ř fi:ka:tum fikar solikulus akkwa lakum lak łak saksum ka:li:ginem kalina kalidžine kalizēř kəlizēř kajkia kajlum fokum fwəko fək fu:k fok kinerem kammi:num kamino kammino kamiju kəmiřu kəmi komedere kome kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka konspuere kəřpye kusiř kuřpir eskupiř əskupi skuřpa ski:re kogno:skere kənetř konəřer konəřfere kəřesə kupiser kunəřa kinəh kəřosi kungəřte kə:gita:re kuřide kwidar kođřitare kuzitař kuzitar kujda kuđřeta kəđdř neka:re neka makta:re okki:dere əksis uksi kaptia:re kařar kattfare kasəř kəřar kəřa seka:re kurta:re kortar kəřtař kurtar ekskurta:re ekurte skortare skurta: skurta skindere raskar řařkař řəřkar řəřka kosař kusar kawa:re kabar kavare kəřař kəřar kəřa ekskawa:re eskabar skavare iřkəřař iřkəřar kaminar kamminare kəmiřař kəmiřar kəmina ekstendere ekstender ekstinde jake:re kadere kaer kadere kəř kəřwə kəđřa eksprimere ekspremiř skreme appektora:re frika:re freka frikta:re ekstergere eksu:ka:re uska jakta:re lankea:re e:runka:re arankar aruřka ko:nsuere kuđř koser kuřfire kuzer kuzi kəř: kuzi komputa:re kōte kontar kontare kōtar kumta konta: di:kere ekspo:nere kanta:re kantar kantare kəřtar kəřta kinta kinta joka:re džokare zuka flu:ktua:re flyktře fluktua ko:la:re kule kolar kolare koəř kuar kuřa kəle ekskurrere eskurir skorrere iřkəřeř iřkuriř əskorə skori: skurđe kurrere kuřis korer korrere kəřeř kuřer korə kori kurđe glakia:re inglakia:re konfla:re intume:skere kre:ske:re kəřwatř kreřer kreřfere kreřeř kriřser kreřa kreřte krema:re kəřame kəřar kremare kəřmare kəřmare kəřma inkendere okəđ alkuno pařkus poko pəko powku pək pə:k lunk łark lark krassus pekeřo pekenu pikenu pikkolo kurtus kuř korto korto kuřtu kurtu kurt ku:ř kurt striktus de:lika:tus delikato dəlikat kalidum kalidō kaldo kēti kēti vekč katti:vo spərko spərak re:ktum rektō direktu rektə aku:tum kya'hā aksutsit sikkus sek seko sekko seku sek sek korre:ktum korretto řerka dekstrum di:re:ktus iřkjerđa iřkerđe əskerə vermikulus krokeus krořfeo grək katř kwatro kwattro kwatru kwatřa kwat kwatri řək řinko řiřkwe siku řiřk řiřk ekkumhi:k aki kwi eki illa:k ki ki: kwi kjen kēř kēř kwa ke ki kə kwə: kə kwando kwēđu kwan kwand kwant kind kəmə komo kome komu kəř kəře kum nek kum kon kō ku avek si:k kə ke ki ki ki: pařskə porke perke purke purki pərke

27) t

28) a

12

Appendix 3 - Segments used in the word list

vwaḡ avedḡa awzi sapere savwaḡ saber sabew savøḡ save: kwidar koḡitare kuzitaḡ kuzitar kujda kuḡḡeta pensar pensare pēsaw pēsar pēnsa pōsa ulura odorare fragrare fejrak fejrar fløjra tremare dwaḡmi via nōḡa neka anegar annegare maktare mate matar matar metar mōta maḡfa: pupar puḡḡare pupa battuere batḡ batir battere bawḡ batrō bate bati kaptiare fase kaḡar katḡfare kasaw kesar kōsa caḡfa: puxar pulsare puḡaw puḡar pulsa segar segare segaw siḡar sōḡa kortar kortaw kurtar skortare skurta taxar taḡḡa:re taḡaw teḡlar tōḡa taja: tōḡa parti:re partiw partir partire paḡḡiw parti: se:para:re separar separare separaw sipērar sōpōra separa: separa raer radere wawḡ rawrō rada: rade rasar rasare wazaw wēzar rōza rasa: raskar wafkaw wēfkar rōska kosaḡ kusar kawa:re kabar kaware kēwaw kēvar kōba ḡawa: ekskawa:re eskabar skavare iḡkēwaw iḡkēvar ḡḡawa: nata:re nadar nwotare nadaw nōḡar nōda nada: naviga:re naḡe nabegar navigare naviḡaw nēviḡar nōbōḡa naviga: naviga bolar volare voaw vwar bula zvolare zbura kaminar kamminare kēmiḡaw kēmiḡar kēmina camina: maḡfe ambita:re andar andare ēḡaw ēḡar ḡake:re ḡaḡer ḡḡaḡe:re ḡawrō swaw sentar sētāḡ estar stare iḡtar ēsta sta jebar levare lewaw livar lōba lua altiare alḡar altsare aḡsa aḡsar aḡsa altḡa: tornar tornare toḡna
w turnar turna turna xirar ḡirare ḡirar ḡira birar virare virar bira kadere ḡwaw kaer kadere kawrō ḡḡade tumber tōbaw tōbar tumba dare dar daw dar da donare donar doa duar duna segurar siguraw siḡurar serar sōḡa sōrar sōra serare ḡerar serrare siḡar appektora:re apretar ēpirtar fregar fregarē frōḡa frea freka iḡfrigar iḡfriḡar frotar frettare frisar frōsa lawa:re lave laḡar lavare lewar lava: la estarsir enxugar aḡḡugare ēḡugar ēḡuḡar aḡuga uska limpjar lipar tirar tirare ḡira tira trahere trarre traze traḡḡe ḡakta:re ēḡar ḡḡettare ḡejtar xita lankea:re lanḡar lanḡfare lōsa lōsar lōnsa lanci: lanḡfa: arankar arronḡare aruḡka legar legare ḡiḡa lega apta:re atar ētar kontar kontare kōtar kumta enumerar enumerare enumera numara kanta:re kantar kantare kētar kōnta canta: kinta xugar ḡḡokare ḡogaw ḡuḡar ḡuga zuka flugtwar fluttuare flutuaw flutuar fluktua fluctua fluitare kolar kolare koaw kuar kuḡa elar ḡḡelare ḡilar ḡōḡa ḡḡale ḡḡakia:re glase ḡḡaḡḡare ḡlōsa ḡḡaḡḡa: inglakia:re ingetsa aḡmentar aḡmentare aḡgmentar aḡgmenta inḡar enfiare iḡar imḡa umḡa gonḡare kōwatḡ bruḡfare kōame kemar kremare kēmare kēmaḡe krōma flamma:re flamear ḡjammare flama arde:re aḡḡ arder ardere aḡḡe arde flagra:re flagḡe flagrar flagrare flagḡaw flagrar inḡḡendḡare isenḡḡar isēḡḡar ustolare ustura tantus tanto tant tanc alguno alkuno awḡū aḡḡū alter altro altrō altri alt alius aw aḡ magnus maḡo maḡḡo grandem grande grande gran grant mare largus laḡz laryo largo laḡḡu largu ḡark lark larg lato latu lat amplus anḡo ampjo amplō krassus graso grasso ḡraḡu gras gras grawis grabe gravi gravi grav pe:sant pesaḡo pesante pezaḡu pizaḡu pōzat pezant angustus angosto angusto etōwa deḡḡaḡo delikato dewḡadu deḡḡaḡu dōlikat kalidum kalidō kaldo ḡōwa maḡum malo katti:vo maw maḡ martḡo sal murdar dōwa ta'rōnt aku:tum aḡuḡo affila:to ēfiadu ēfilat kḡa'hā askutsit moxaḡo baḡḡa:to muḡat ba'ḡa:t ḡerka aprḡape lon'taḡ departe dōwat dēstra ḡaḡwum iḡkjerḡa 'ḡaḡ'p galbinus galben amarellus amarijo ēmareḡu albus albo awvu alvu alb nwaḡ duas k'attwor katḡ kwatro kwattro kwatru kwatrō kwat kwatri patru aki la aja aḡa ai kwa k'ando: kwando kwan kwand kwant ad a a abhoc aḡek awu paḡska

29) v

ekilu femew femje done iḡpoze mēriḡu bife paseru seḡve frute fōḡe frōse wēḡ koḡḡise kurtise ewve ewve grēme greme kodḡie kodie vivēde graḡe kawde penē kēḡelu kabese kēḡese teste teḡte oreḡe oreḡḡe nerij boke uḡe pēwne pērne ḡwēlu pēse ētreḡes ētreḡeḡ iḡpadwe awme alme ḡiḡeḡu ḡiḡeḡu lue istrele iḡtrele agwe juve pedre pēḡre areḡe eweḡe teḡe teḡe kelizēḡ nevwē treveḡ fumase sizeḡ vie istrade iḡtraḡe kēmiḡu mōḡeḡe mōḡeḡe die enu ligwe seber metar bēter kesar teḡlar pertir sipērar wēer wēzar wēfkar kēwaw kēvar iḡkēwaw iḡkēvar nōḡar nēviḡar kēmiḡaw kēmiḡar zezeḡ zezeḡ keir ēpirtar lewar trezer etar ewder ēfiadu direḡte direḡte iḡkerḡe ēmareḡu ewereḡu dues duēḡ eki ei v

30) u:

tu: lui u:he: fru:ktus fu:nem u: u:f kornu: plu:ma uj ku:ḡ ku:r lu:na plu:ḡ flu:men nu:be:s nu:bilus nul fu:ma:ta gelu: fu:mus fu:k ḡu: ḡu: su:gere tu:ta:ri tu:rne eksu:ka:re pu:si: lu:dere flu:ktua:re bō:le ku:ḡ minu:tus minu:t du:ḡe: sutu: 'ju:f pu:'ki aku:tum u:midum u:num ḡfemut

31) y

ty fry plym lyn w y ny njoly fyne nyt syse sysi: kōspyē zygye gyrare flyktḡe flye bōyle māny

32) d

usted domina dam doḡa dōḡna done dōḡo dōem dōne dōamḡo maridu ma:dre pa:dre peduklus pidōkkjo pedoli pōdukje frondea ra:di:kem ra:di:ke wadi radi:ḡe ra:di:ki:na rōḡḡḡiḡa kodie wi:wenda vḡḡ bibḡenda vivanda vivēda vivēde adeptem adipe kaḡda kōda kawde kōde cōadē dentem dā ḡjente dente dēḡi dēti dē dint dinte pedem pḡe:de dorsum do dōsso dos dō espalda iḡpadwe ḡiḡeḡu pḡodḡa pedre lapidem laude lapide pudḡ nubladu sādḡ sendrō sēd estrada strada istrade die:s dia di die diḡ diurnum ḡjurno diurna:ta xornada ḡzornade komedere manduka:re mandukar morde:re mōḡḡe mōḡdere mōḡḡe mwardi spuda: ri:de:re ri:dere 'ridi aride wide:re 'vede:re 'vjodi avedḡa aḡdi:re āḡḡḡ udi:re kḡide kwidar kujda odo:re odorare kōḡḡe dormi:re dōḡmiḡ dormir dormire dōḡmiḡ durmir durmi dwaḡmi durmi: dormi okki:dere utḡidere

Appendix 3 - Segments used in the word list

utſide di:widere dibidir dividere diviðir dibidi dividi divide skindere sēde findere findere fāðx ender fēndere fēðex fēder fēndrā pŵēðx ra:dere radere rada: rade fodere nadar nadax nāda nada: andar andare ēðax ēðar ekstendere etāðx ekstender estendere istēðex iſtēder æstendrā ekstinde sedere sedere ſeðea ſedenta:re tōðx kadere kadere fſjade kēðea dare dar dāx dar da: da donare dōne donar doa duar duna dine epŵēðx etŵēðx limpida:re kudx di:kere dix deðir dire dizer di di:x di: lu:dere ludir arde:re aððx arder ardere aððex vder arde inkendere ēsādje enθender inſfendjare iſēðjar ənsendrā inſfindje todo todū dut grandem grande grande grēdi gurdus gordo lurdus lerdo lordo pezadu menudo miudu de:lika:tus du:ze: delyaðo delikato dewgadu dēſyaðu dālikat kalidum kaldo fri:gidum putridum podri putred sordidus murdar dāwa drit:o direjtu direktu drō: 'dret drept rotundum reðondo ton.do xidōdu rotund vfiadu neted u:midum umidu ud 'dŋje departe dekstrum djestro dastro dāstru dēſtru destrā di:re:ktus dāwat deretſo dāstra direjtē direjtē dret drō:t wiridem berde verde verdi verde duos dō dos dojs dojſ dō: doj duaj due dōwā duas dūðx k'w'id unde onde ōdi deunde dō donde k'w'ando: kwando kwēdu kwand kind k'w'o:modo ad deintus dā dins k'w'od prok'w'id

33) f

fe:mina fam femmina femev femjv fembra fœm femine femeje infantem āfā infante fante ifēſi ifēti efā fru:ktus fūqi fruto frutto frutē frujt fr̄y frut frukt folia fœj fāłā fołx fułā fōj fwee fōaje frondea frōsē frunzā flo:rem floex flor fjo:re flox flō flōx flor: floare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato figēdu fiyēðu fedðā fō:t fija:t fikat flu:men fjume flumi flumi flum fu:ma:ta fyme fumata fuma:ta fumasē fumate ni:f nef fu:mus fumo fumu fum fokum fō fwego fwōko fogu foſy fōk fō: fu:k fok flā:re sufle soffjare fra:gra:re flēxē fragrare flājra findere fāðx fēndere fēðex fēder fēndrā fēt fodere fwix frika:re fſeje fregar fregare frōga froj frea freka iffriyar iffriyar frika:re fſōte frotar frettare frisar frāsa flu:ktuare flyktqē flugtwar fluttuare flutuax flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwix flwir flui inflā:re ōfle enfiare imfla ēfle enfla: umfla konfla:re gōfle gonſjare zgloſfa: flamma:re flōbe flamear fſjammare flama flagra:re flagxē flagrar flagrare flagxax flagrar gſijef bſef bſef fri:gidum fſwa frio fred:o friu frēt fſō: 'fre:t 'ju:f 'frait affila:to vfiadu əfilat ſinfilo

34) e:

fe:mina be:stia se:men pe:l ste:lla pje:tra pje:re hare:nā nūbe:s tene:braj tene:bra:s nef die:s morde:re ri:de:re wide:re vede:re save: pe:nſa:re ole:re time:re se:para:re jake:re dſaſe:re sede:re tork'w:ere tene:re e:runka:re e:numera:re intume:skere kre:skere arde:re omne:s pe:sant de:lika:tus du:ze: 'fre:t ple:num re:ktum korre:ktum di:re:ktus tre:s 'tre:

35) m

fe:mina fam embra femmina femev femjv fembra fœm femine femeje mulierem muxer mołāle mułex mułer mułe muir mujere domina dam dœm dōamnā hominem ōm ombre omēj ōmēj ōmā ōm om homo: wōmo infantem mulier muxer mołāle mułex mułer mułe muir mujere mari:tus māxi mariðo marito maridu mēriðu marit mari:t mērit mā:trem mēx māðre māðe mēj māð mēx mari animalia ōmaj alimaſa nema:l nōmaje piſkem awem awikellum passerem kanem serpentem wermem berme verme vœmi vermi vœm vjeme arborem se:men seme sementis sēmās simjente semente semēſi simēti sōmen simēs sementſe sēmintſe gra:num ra:di:kem kortikem flo:rem gra:men gſamen grama grēmē grēmē gram fu:nem restem pellem karnem sang'winem ossum adepem o:wum plu:ma plym pluma pjuma plomā plōm plume dentem pedem gamba gamba kambā jambe gambā genikulum manum mē mano ma:no mēw māſ minā wentrem pantikem kollum dorsum anima ōm alma awmē almē ō:m anime inimā fi:ka:tum so:lem flu:men fjume flumi flumi flum lakum mare mēx māx māx māx māx sa:lem saksum lapidem sabulum pulverem kali:ginem fu:ma:ta fyme fumata fuma:ta fumasē fumate kajlum wentum niwem fu:mus umo fumo fumu fum fokum kinerem kammi:num ſāmē kamino kammino kamjnu kemjnu kēmi montem mō monte mōſi mōti mun mōnt munte monta:nea mōtaſ montajna montajna mōtēſ mōtēſ muntajna mōntajne noctem diurnum annum no:men no:me nomi nōm nūme no:minem nombre ombre wo:mo omēj ōmā limbā komedere komer kome kumer manduka:re māze mandukar mandžare mēzax mēzar mēſza māſi māſja: minka morde:re mōððx mōðer mōðere mōððex mōðer mwardi morsika:re moskar morsikare musəga musəgar musəya murseka womere vomix bomitar vomitare vumitax vumitar bumita vo:mi gomita: avomita simſi time:re temer temere temex timer temā temi teme tremere tremar tremare tremex trimer trima: dormi:re dōxmīx dormir dormire dōxmīx durmir durmi dwaxmi durmi: dormi muvix morir morire mōvex muvex muri mōri muri: muri makta:re mate matar matax mētar mēta māſja: ſəmine kaminar kamminare kēmijax kēmijar kēmina ſjimine camina: māſe mā:ſſi: mergere mēðžere mēðžere merðžere tumbare tumba tume eksprimere ekspremir spremer iſpremer iſpremer əspremā esprimi skreme limpida:re limpjā impingere impindžere əmpēſə impindžē komputa:re kumta e:numera:re enumev enumerar enumerare enumera numara augmēta:re ogmōte aūmentar aūmentare aūmentar augmenta imfla umfla intume:skere entumeθer itumeser krema:re kſame kemar kremare kējmare kējmax krāma flamma:re flamear fſjammare flama omne:s multus mu muſſo molto mūjtu mol molc mult magnus māſo māſſo grandem majjo:rem mare amplus ampjo amplā strimt minu:tus māny menudo minuto miudu miuðu mēnut minu minu:t mērunť subti:lem kalidum fri:gidum ple:num nowum wetum bonum mālum

Appendix 3 - Segments used in the word list

move malo maw mał mo: putridum martfo mo:si: murdar re:ktum rotundum aku:tum emuse zmusse:to u:midum muje
moxaðo umidu umiðu mułat mu'ji: korre:ktum propiŋk^wum łongum dekstrum łagwum vermikul^s vεmεj bermexo
vermiλλo vεmελu virmεjλu bεrmελ wiridem amarellus amarijo εmarelu εmerelu nigrum u:num ekkumhi:k k^wem k^wo:modo
kōmā komo kome komu kōm kōmē tjemut kum kum

36) r

embra fembra muxer mułer ombre muxer mułer mariðo maridu mēriðu marit maðre marə paðre parə paxaro paseru
pasəre serpjente sirpēti farpe berme vermi verm arbol albero aŗvori arvuri abrə par fruto frutē frujt grano grēw gra frōsə
frunzə kōrtisi korteθa kurtisə skōartsə flor fjo:re floare jerba erve jarbə grama grēmε grēmε gram rista karne karni saŋgre
grasa grafε gref kwerno kornu pər orexa oreλε orejλε ureλə nariθ naris neriŋ gurə pjerna pərne bjentre bentrə tripas
ētrepəs ētrepεŋ kor sɔare estreja istrelε iftrele mar pjeðra pedre peðre peðrə pjatrə arena arejε erejε ərenə sajbŗu trevεŋ
tənebŗəs tjer estrada istrade iftrade djurno zorn xornada nombre ombre bərbat beber bere biβer bεwrə komer kumer
mandukar manđare mēzar morðer murðer moskar morsikare sugar kuspir eskupir esputar sputare bomitar vomitare
vumitar soplar soffjare soprak suprar respirar respirare wεspirar wiŋpirar arespira reir ridere k̄ir riwrə aride ber yede:re ver
bεwrə oir udi:re ovir saber sēber konoθer kupiser kwidar kuzitar pensar pensare pēsar sentir sētir oler ulura fejrak fejrar
fləjra temer timer tremεr tremε trimer dormir durmir bibir viver biwrə morir muker muri anegar matar mētar uttjidere
pujar batir bēter batrə kaθar kesar puxar pufar segar siyar kortar kurtar taxar tēlar dibidir diviðir ender fēder fēndrə
partir pērtir separar separak siperar səpərə pūzir raer wēr rawrə rasar wəzar raskar wεŋkar kusar kabar kəvar eskabar
ifkεvar nadar nwtare nēðar nabegar nēviyar bolar volare vwar zvolare zbura kaminar kamminare kēminar andar ēdar
benir venire vir ekstender iftēder əstendrə jaθer đaŋfe:re zεzer zawrə ser sentar sētar estar iftar jebar livar alθar alsar
tornar turnar xirar đirare zirar zira birar virare virar bira torθer kaer kadere k̄eir tumber tōbar dar donar duar tener
tenere ter segurar sigurak siyurar ekspremir əspremə serar sərar θerar siyar apretar epirtar estrepir əstrejə fregar frəga
iffriqar iffriyar frotar frisar frəsə laβar lεvar estarsir enxugar εfugar εfuyar limpjar lipar tirar t̄jira tira traze trεzer trewrə
εfjar zejtar lanθar lēsar arankar aruŋka legar atar ɛtar koser kuzer kontar kōtar enumerar enumera deθir dizer kantar
kētar ludir xugar zuyar flugtwar flutuar fluir flwir kolar kuar eskurir ifkurer skurđε korer kuwer kurdε elar zilar
aumentar augmentar inŋar ifar entumeθer itumeser kreθer kresek kriŋser kreŋ kreŋte kamar kējmare flamear arder ɛrder
arde flagrar flagrar enθender isendđjar isēdjar ənsendrə otro owtru altrə grande grēđzi grēdi mare laryo largu lark graso
grafu gras gordo grosu grosu grəs grabe gravi gravi grew grew lerdo korto kurtu kurt brebe brevi brevi brew estrefjo
istrejtu iftrejtu əstret frio friu frēt reŋe rəw poðriðo poðri puðrit putred brut murdar direjtu direktu drept rotund θerka
pertu əprɔp aprəpe departe djestro destru deŋtru destrə deretjo direjte dret iθkjerða ifkerðε roŋu bermexo virmεjλu berde
verdi vert verde amarijo εmarelu εmerelu grək neyro negru neyrə prjeto pretu tres tref kwatro kwatru kwatrə porke
purke purki

37) œ

fœm doem fœj floek œf œj goel kœk

38) ε

femine efā pes pehō uttfello uttjel sjekpē verm vjer vjer sεwva sεtve selve sementfe gwen ərel reŋen εkb erba erve jep
gwamen resta wεŋŋi peli pjel fεk vwes gwes kwen kōde plume pen pεnə pene pel kəbελ fəve tet tēta tēstε tēŋtε t̄jes tēstε
ureλə bōce dente ɔŋgule pε pεw perno pεvne pərne pērənə pēkol kwel spale petto pet əstel stēle mεk sel peðre terra tεrə
tērə tjere nεvwε tenebε trevεŋ sjel t̄felo sew sel vento nevi nevi zel đelo zεt gles sendrə t̄finize munte 'lenge bεwrə
wεspiε bεwrə vε'ji: səβε kōnetε kunεŋ flεke t̄ŋesi: teji: fendere fēndrə nēđzi: mērdgere estendere et̄ εs spremere sere əstrejə
streŋgi: tērdgere t̄wεk t̄εwrə əmpεrə đete inŋfendjare espes əspes spe grwes ḡwiŋef greve grēvi b̄wεf breve brevi brevi
əstret stret deŋyaðu frēt p̄le 'pleŋ nō'vε vek:jo bελ rektə 'dret sek sek seŋ pre 'd̄ŋje destro destru deŋtru destra dret əskεrə
vεmεj bεrmελ vert vεk vert đŋen εmarelu εmerelu neyrə tres ke ε pərke

39) x

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

40) k

mułek mułek maki mek pek sekpā sekpēŋi sjekpē vek vekmi akbε akvori f̄uqi gwen wais wεiŋ wadi wasin kōŋŋisi kōŋŋise
ekoks floek flok flō:k εkb εvne gwamen wεŋŋi wεŋŋi fεk kawni gwes kōwŋ kōwŋu okej pεvne vāt̄ āt̄waj kœk k̄w k̄u plū:k
ky kiw kiw kivjek rivi:k mek mak mek pjek pi:k pudk tek tεk tεrə tε:k tenebε si:k sād̄k zu:k zōvna zuvne bwak bebek

bō:b mēzak mōwđk mōwđek sugak kuspik vomik vumitak soprak ƿespike ƿespirak ƿispirak ƿespike kik kir ki:k vwak vek
ātād̥k o(w)vik savwak sabek kōnetik kōnesek kuzitak pēsak sātik sēf̥jik flēke fejrak temek kwēdk tremek dōwmik dōwmik
dwakmi vivk vivek muvik mōvek muver matak ǵksik batk batek kasak puřak segak kōtak ekurte tařak đřividřik fād̥k
fēdek paktik paktjik sōvke seřarak p̥wēdk pūžik ƿaek ƿeer kōze kazar ƿezar ƿařk ƿeřkar f̥wrik kēvak iřkēvak nadak
naviřak voak kemiřak mařfe ēdak ƿōnik vik etād̥k istēdek zezik zezer swak sek etk levak tuřne tořnak žibe vike tōwđk
řwak tōbak dak tōnik tek sigurak ep̥ēdk iřp̥rōmek seřa seve siřak etēdk f̥iře f̥rote tiře t̥ek kudk enumeke dik di:k
zogak flutak flwrik koak iřkōvek kuřik kōvek kuřer k̥watk kresek b̥ytle b̥u:le k̥wame keřmave akđk akđek flagve flagvak
otk g̥āđ g̥āđ lařž lařgu g̥uā g̥uā g̥iřef lu k̥u k̥uřtu k̥u:k b̥řef etřwa st̥ōv: f̥řwa f̥ōv: pu:ři d̥řwa kō k̥idōdu t̥wāřū
p̥ve p̥ektu d̥řwat ki kōřō kōřu ƿēmeř ƿēmeřu ƿuž ƿek ƿek n̥wak n̥ō:k t̥řwa katk p̥akřkō

dona nijo alimapa pepa pepe upa upe paɲʃa ɛtɛɲes ɛtɛɲɛʃ kamɨnu kemɨnu mɔtaɲ montapa montapɲa mɔtɛɲe mɔtɛɲe muntapɲa montapɛ ɲɔt aɲo aɲ mɛɲza maɲi: kopesɛk kupɨsɛr koposi puɲar puɲɲare puɲa puɲi kemɨɲɛk kemɨɲar viɲi: estɛɲɛr ɛstɛɲɛ ɛmpɛɲɛ oɲɲi maɲo manno pekeno 'ɲuf banna:to ba'na:t ʔun

doamnə foaje skoartsə floare coadə soare ploaje noapte kunoaste toartfe coase aproape

oměj oměj neněj nuvěj kalizěj oměj kěj něj ěj

õ mõ nõ kõspye lõ dõ nõ

āfā efā seṣpā sēmās vjād sā dā zāb vātṛ pās ātṣaj vā sādṛ ā lāg māze ātādṛ pāse sātṛ fādṛ etādṛ lāse jāte ʃjāte
oqmāte āfle flābe ēsādje qṛā gṛā āpl pəzā tṣāfā kā kōmā dā

īfēṭṭi īfēti sīzeṣ kamīṇu līgwe əstrīzīr əstrīzīr līpar īṣar ītumeser īsendḡar īsēdḡar sīku

īfēṭi īfēti qṛēme sēqi sēqi pēse mōtēne mēzak mēzar ēdak ēdar lēsa lēsar kētar tētū tētū qṛēdzi qṛēdi ēfu kwēdu

ifēfi sɔʃo utʃello utʃel tʃe sɛpɛtʃi sɛmɛtʃi sɛmɛntʃe sɛminʃo radi:tʃe rɔdɔʃinɔ kortiʃe kɔtʃisi kortetʃa kɔtʃise kɛʃʃi tʃo: tʃivja tʃes nariʃe dɛtʃi pitʃolo pitʃor panʃa pinteʃe pɛʃo tʃɛaʃo tʃelo tʃil tʃer gjaʃa glaʃe tʃenere tʃinize tʃenuʃo mɔtʃi noʃe maʃa: utʃidere utʃide kattʃare tʃɛsi: caʃa: paʃtʃi tʃimine ma:tʃi: dʒaʃe:rɛ zɔʃɛa tɔʃtʃere tɔaʃte tʃɛ:r tʃjade tʃira tʃʃar lanʃare lanʃa: arronʃare kutʃire ziʃe tʃɔte gjaʃʃare glaʃa: inʃar brufʃare inʃendjare inʃindze muʃo anʃo pitʃino pitʃul estretʃo suʃiw tʃɛʃe marʃo uʃa:t sɛʃ viʃino derɛʃo 'ʃan''p rɔʃ kɔʃleo tʃɪnkwe 'tɪnk tʃɪnt tʃine tʃe tʃemut:

sponsa epuz esposa spōza ispoza iŝpoze əspōzə sponsus epu esposo spōzo ispozu iŝpozu əspōs spō:s patre pēr padre pa:dre paj parə pēr: pari piskem peθ peŝfe pejiŝi pejiŝi peŝ pes peŝte pwasō pehō passerem paxaro passero paseru pasere peduklus pu pjoxo pidokkjo pioʎu poʎ pju pedoli pədukje serpentem sɛrpā serpjente serpente sɛrpɛŝi sirpɛti sərpen sʝɛrpɛ sarpint farpe pa:lus pal palo paw pa:l par jɛp pellem po pjel pelle peli peli peʎ pja pjel pjele adepem adipe plu:ma plym pluma pjuma plomə plom plume penna pen peja pene peja pen pene panə pilus pwal pelo pelu pilu pel pe:l pər kapillus kapello kapitia kap pedem pje pje:de pe pɛw pi: pi:t piez dʒāp perna pjerna perno pɛxne pɛrne pɛrnə petiolus peθiolo pitfʎo pekol pitfjor pantikem pās panθa panŝa pɛsɛ panŝa pās pantse pintɛŝe tripas spatula epol espalda spalla iŝpadwe əspaʎʎə spal spale spate pektus pi peŝjo peŝto pejtu pejtu pit peŝt pjept apə pluwia plui pjoddʒa pluʒə plu:x ploje ploaje ri:pa:ria petra pjɛr pjedra pje:tra pedre peðre peðrə pi:x pjere pjatrə lapidem lapide pulwerem pudrə

Appendix 3 - Segments used in the word list

polvere polvar pulbere pulwus polbo pō pols nqapte konspuere kōspyē kuspiḡ kuspīr eskupir əskupi skujpa sputere esputar sputare spuda: soplar sopraḡ suprar spī:rare ʷespiḡe respirar respirare ʷespirar ʷispirar rəspira ʷespiḡe respira: arespira sapere pe:nsare pōse pensar pensare pēsar pēsar pēnsa pēse peṇsa: pəsa pugna:re puṇar puṇṇare puṇa kaptia:re pulsa:re puse puxar pulsare puḡar puḡar pulsa: pulsa parti:re partīḡ partir partire paḡḡiḡ pərtir pərti pō:rti parti: se:para:re separar separare separaḡ sipərar səpəra separa: separa pungere pṡēdḡ pūḡḡere pūziḡ pūzir puṇi pūḡḡe eksprimere epṡēdḡ ekspremir spremere iḡpṡemḡ iḡpṡemer əspremə esprimi appektora:re apretar epirtar limpida:re limpjar lipar puse pu:si: pulsa: impingere impinḡere əmpēṇə impinḡe apta:re komputa:re ekspo:nere sporre spune paḡkus pō poko pōko powku pōk pō po:k amplus āpl ampjo amplə spissus epe espeso spesso espesu iḡpesu əspes spē pe:sant pəzā pesaḡo pesante pezadu pizaḡu pəzat pezant pittitus pəti pətit piti 'pittinus pekeṇo pitḡḡino pekenu pikenu putsin pitulus pikkolo pitḡul suptil ple:num plē pje:no pṡe 'pleṇ plin putridum puri poḡriḡo poḡri puḡrit pu:'ḡi putred sporko spōrk drept propiṇkʷum pṡe pēktu pertu əpṡəp pṡe apṡəape departe 'ḡaṇʷp prjeto pretu patru prokʷid paḡskə porke perke purke purki pōrke

50) z

epuz spōza ispoza iḡpozə əspōzə spōzo ispozu iḡpozu wazo frunzə piez sīzēḡ ḡfinize zi awzi ʷaze ʷazaḡ ʷəzar rəza zjava: zvolare zvola: zbuza zezīḡ zezēḡ zēzer zəḡḡea traze trēzer kuzer kuzi kō:z kuzi dizer ziḡḡe zgloṇḡa: bruza: pəzā pezadu pizaḡu pəzat pezant zmuṡsa:to lizu

51) ḡ

mariḡo mēriḡu maḡre paḡre iyaḡo fiyeḡu pjeḡra peḡre peḡrə iḡtraḡe morḡer murḡer diviḡir neḡar toḡu pesaḡo pizaḡu miuḡu deḡyaḡu kaliḡo poḡriḡo puḡrit reḡondo ruḡo ayaḡo moxaḡo umiḡu iḡkjerḡa iḡkerḡe

52) ts

sots skōrtsa skwartse skḡartsə tṡeastə pantse tsarə geatsə altsare tsine inḡetsa putsin subtsire

53) a:

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 fi:ka:tum fi:ja:t ri:pa:ria la:t ma:r sa:lem sa:l ka:li:ginem tene:bra:s fu:ma:ta fuma:ta stra:ta monta:nea diurna:ta manduka:re maṇja: morsika:re cuca: spuda: gomita: ḡla:re spi:ra:re respira: ko:gi:ta:re pe:nsa:re peṇsa: odo:ra:re fra:gra:re trima: neka:re tu:ta:ri makta:re maḡja: pugna:re kaptia:re caḡja: pulsa:re pulsa: seka:re sea: kurta:re ekskurta:re skurta: ta:lia:re ta:lla: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:rḡi: ambita:re sedenta:re senta: sta:re sta: leva:re leva: altia:re alṡja: torna:re torna: gyra:re ḡgira: da: appektora:re frika:re frika:re lawa:re lava: eksuka:re suja: limpida:re tira:re tira: pulsa: jakta:re lankea:re lanṡja: e:runka:re liḡa:re lea: apta:re komputa:re konta: e:numera:re kanta:re canta: joka:re ḡjuja: flu:ktua:re fluita:re ko:la:re gela:re ḡlakia:re ḡlaḡja: inglakia:re aḡumenta:re inḡla:re enḡla: konḡla:re zgloṇḡa: bruza: krema:re flamma:re flagra:re ustula:re la:tus de:lika:tus affila:to u'ḡja:t zmuṡsa:to sua:wē baṇṇa:to ba'ṇa:t lonta:no illa:k

54) ẽj

mẽj nuvẽj keliẽj kẽj nẽj ẽj

55) R

mer vjer fry re:sen kro:ḡ ɔraj savø:r mōri pō:rti ma:rḡi: ḡḡe:r sərar sere iḡkurer

56) aj

paj ɔraj ajyṡwə sajḡru tene:braj kajkia kajlum nwaje traj majjo:rem 'frajt duaj

57) ɛ:

pɛ:r u:hɛ: pje:de ɛ:w tɛ:ḡ tɛ:nebre tɛ:nebre ḡḡe:r pje:no kwɛ:

58) θ

peḡ raiḡ korteḡa kaḡeḡa nariḡ peḡiolo panḡa ḡjelo ḡeniḡa konoḡer kaḡar jaḡer alḡar torḡer ḡerar lanḡar deḡir entumeḡer kreḡer enḡender suḡjo ḡerka iḡkjerḡa ḡiṇko

Appendix 3 - Segments used in the word list

59) ej

pejfi cavej ovej seju pejtu sejfu areje fejraḡ zejtar kejmave istrejtu trej

60) ej

pejfi orejle seju pejtu sejfu ereje fejrar kejmave iftrejtu feju direjtu direjte direjte virmejlu

61) ð

pwasð pehð frðse ðgl ðg so:vjð mðfji mðti mðtar mðtņe mðtņe nð tðbe tðbaḡ tðbar kðte kðtar gðfle pð ðt lðgu lð bð
wð wððdu rð lðzi lðzi lð ð ððzi ðði kð

62) ẽ

fjẽ vêt fãmẽ pẽse sėti sėde fėt pwẽdḡ epwẽdḡ etwẽdḡ ẽsǎdje kãmẽ

63) ẽwĩ

kẽwĩ grẽwĩ mẽwĩ nẽwĩ

64) ẽ

ḡẽ sekpẽfji sirpėti sjekpẽ semẽfji simėti simēs vivẽda vivẽde dẽfji dėti dē mē ẽtreņņes ẽtreņņej sē vētu vē pēsak pēsar sējļiḡ
sėtir kḡẽdḡ fẽdeḡ fẽder istẽdeḡ iftẽder sėtār ẽfugar ẽfuḡar ẽfle isẽdjar kėti kėti plē sua:wē lwē sēk nē

65) c

can car cǎdǎ cavej ca:f bǎce noctem cuca: caḡfa: camina: lanci: cǎase canta: fluctua molc tanc abhoc

66) ij

kijne

67) β

arβol keβelu kaβeθa keβese sajβru nuβuḡ biβer saβe laβar nweβo

68) ł

sełve sǎł nuβuḡ zeł fłare ałsa ałsar kułta fłama ałgũ ał dełyaðu płe małum mał łongum łǎewum

69) ȳ

fȳqi plȳqi nȳqi kȳide tȳe esȳije flyktȳe

70) g

grin gran gra:men grama sō:g gula gola golǎ gole gurǎ ungula ðg ǣngule ungje gamba age lago gles glaḡfe gǣatsǎ 'lǣnge
gomita: fragrare pugna:re segar segare jugula:re naviga:re naviga: mergere gyra:re stringere stringe strengi: fregare
impingere lega xugar glaḡfa: ingetsa augmentar augmenta zgloḡfa: fłagḡaḡ alguno magnus grandem gran gḡǎ grant longo
lung largus larg gras gurdus grossus grǣssu grosu grwēs gros grav grevi grew ingust go:f stiḡg grǣk nigrum negro

71) iw

griw

72) dz

frondza dzornade

Appendix 3 - Segments used in the word list

73) ø:

flø:ʁ gø:j fø:t stø:l fø: bø:ʁ savø:r kø:z stø: fæ: drø: drø:t nø:ʁ dø: trø:

74) ɔ:

ʃɔ: kɔ:ç ɔ:m pɔ:rti hɔ:si: nɔ:vo bɔ:ɔ:ɔ:

75) g^w

sang^winem ling^wa

76) ŋ

sangre saŋ saŋk ɔŋgule maŋ aŋ nɔŋ leŋgwa maŋja: peŋsa: aruŋka zɡlonfa: ʎoŋ iŋɡust 'pleŋ bɔŋ propiŋk^wum 'dɔŋje
toŋɡum lon'taŋ stiŋɡ uŋ ʃiŋkwe siŋk 'ʃiŋk

77) ð:

sð:g

78) ç

kɔ:ç çɑ:vle vekç

79) au

kauda aũdi:re aũɡmenta:re aũmentar aũmentare aũgmentar paũkus

80) ø

kø ʃəvø løn fø pø vjø dø

81) ɛa

tseastə stea tʃeatʃə nea geatsə bea avedɛa zəʃɛa fedɛa kədɛa

82) k^j

ok^j dʒenunk^j

83) ă

ɕăp păs kua'hă

84) ʃ

ʃambe maŋja: ʃava: zʃava: 'dɔŋje

85) a

ãtɕaj am fwa hare:na bwaʁ taje ɰaze ɡɰa tɕwa

86) ʏ

iʏaðo fiʏeðu aʏwa aʏwə laʏu foʏu muʁəʏa siʏar səʏa naviʏaʁ neviʏar siʏurar iʃfriʏar ɛʃuʏar ʎiʏa zuʏar laʒo deʏaðo
deʏaðu aʏuðo seʏu neʒro neʒrə

87) ej

sɔlej fæje vɛɛmej

Appendix 3 - Segments used in the word list

88) k^w

ak^wa tork^were propiŋk^wum k^wattwor k^wi:nk^we k^wis k^wem k^wid k^wando: k^wo:modo k^wod prok^wid

89) ě:

sě:d

90) ěu

lěu

91) o(w)

o(w)viɤ

92) ŋ

səŋti

93) tʃ

sĕtʃiɤ

94) ts̥

simfsi

95) ũ

pũziɤ pũziɤ mũjtu awgũ ałgũ ũ

96) ɭ

kosaɭ

97) ɑ:

çɑ:vle

98) j̃

mũjtu

99) œ̃

okoẽ œ̃

100) d:

fred:o

101) k:

vek:jo

102) t:

drit:o

Appendix 3 - Segments used in the word list

103) ɯ̃

kɯ̃a'hã

104) ɛ̃

ɬaɛwum

105) ŋ^w

'ɬaŋ^wp

106) ʊ̃

koʃʊ̃

Appendix 4 - Word Lists by Language

Latin

Cognate	IPA	Sounds
I	ego:	ay-g-O
We	no:s	n-O-s
YouPlural	wo:s	w-O-s
They	ei:	ay-E
This	hik	h-e-k
That	ille	e-l-l-ay
YouSingular	tu:	t-U
He	is	e-s
Woman	fe:mina	f-ai-m-e-n-ah
Woman-Mulier	mulierem	m-u-l-e-ay-r-ay-m
Woman-Domina	domina	d-oh-m-e-n-ah
ManHumanBeing	hominem	h-oh-m-e-n-ay-m
ManHumanBeing-Homo	homo:	h-oh-m-O
Child	infantem	e-n-f-ah-n-t-ay-m
Wife	sponsa	s-p-oh-n-s-ah
Wife-Mulier	mulier	m-u-l-e-ay-r
Husband	mari:tus	m-ah-r-E-t-u-s
Husband-Sponsus	sponsus	s-p-oh-n-s-u-s
Husband-Socius	sokius	s-oh-k-e-u-s
Mother	ma:trem	m-A-t-r-ay-m
Father	patre	p-ah-t-r-ay
Father-Tata	tata	t-ah-t-ah
Animal	animalia	ah-n-e-m-ah-l-e-ah
Animal-Bestia	be:stia	b-ai-s-t-e-ah
Fish-Piskem	piskem	p-e-s-k-ay-m
Bird-Avem	awem	ah-w-ay-m
Bird-Avicellum	awikellum	ah-w-e-k-ay-l-l-u-m
Bird-Passerem	passerem	p-ah-s-s-ay-r-ay-m
Dog	kanem	k-ah-n-ay-m
Louse	peduklus	p-ay-d-u-k-l-u-s
Snake	serpentem	s-ay-r-p-ay-n-t-ay-m
Worm	wermem	w-ay-r-m-ay-m
Tree	arborem	ah-r-b-oh-r-ay-m
Forest	silwa	s-e-l-w-ah
Stick	pa:lus	p-A-l-u-s
Fruit	fru:ktus	f-r-U-k-t-u-s
Seed	se:men	s-ai-m-ay-n
Seed-Sementis	sementis	s-ay-m-ay-n-t-e-s
Seed-Grandum	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	j-r-A-m-ay-n
Rope	fu:nem	f-U-n-ay-m
Rope-Restis	restem	r-ay-s-t-ay-m
Skin-Pellis	pellem	p-ay-l-l-ay-m

Appendix 4 - Word Lists by Language

Meat	karnem	k-ah-r-n-ay-m
Meat-Vivenda	wi:wenda	w-E-w-ay-n-d-ah
Blood	sang ^w inem	s-ah-n-gw-e-n-ay-m
Bone	ossum	oh-s-s-u-m
FatNoun	adepem	ah-d-ay-p-ay-m
Egg	o:wum	O-w-u-m
Horn	kornu:	k-oh-r-n-U
Tail	kauda	k-au_diphthong-d-ah
Feather	plu:ma	p-l-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	j-u-l-ah
Tooth	dentem	d-ay-n-t-ay-m
Fingernail	ungula	u-n-j-u-l-ah
Foot	pedem	p-ay-d-ay-m
Leg-Gamba	gamba	j-ah-m-b-ah
Leg-Perna	perna	p-ay-r-n-ah
Leg-Petiolus	petiolus	p-ay-t-e-oh-l-u-s
Knee-Genuculum	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	wiskus	w-e-s-k-u-s
Neck	kollum	k-oh-l-l-u-m
Back	dorsum	d-oh-r-s-u-m
Back-Spatula	spatula	s-p-ah-t-u-l-ah
Breast	sinus	s-e-n-u-s
Breast-Pectus	pektus	p-ay-k-t-u-s
Heart	kor	k-oh-r
Heart-Anima	anima	ah-n-e-m-ah
Liver	fi:ka:tum	f-E-k-A-t-u-m
Sun	so:lem	s-O-l-ay-m
Sun-Soliculus	solikulus	s-oh-l-e-k-u-l-u-s
Moon	lu:na	l-U-n-ah
Star	ste:lla	s-t-ai-l-l-ah
Water	ak ^w a	ah-kw-ah
Rain	pluwia	p-l-u-w-e-ah
River	flu:men	f-l-U-m-ay-n
River-Rivus	ri:wus	r-E-w-u-s
River-Riparia	ri:pa:ria	r-E-p-A-r-e-ah
Lake	lakum	l-ah-k-u-m
Sea	mare	m-ah-r-ay
Salt	sa:lem	s-A-l-ay-m
Stone	saksum	s-ah-k-s-u-m
Stone-Petra	petra	p-ay-t-r-ah
Stone-Lapidem	lapidem	l-ah-p-e-d-ay-m
Sand	hare:na	h-ah-r-ai-n-a
Sand-Sabulum	sabulum	s-ah-b-u-l-u-m
Sand-Sabula	sabula	s-ah-b-u-l-ah

Appendix 4 - Word Lists by Language

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

Appendix 4 - Word Lists by Language

ToLive	wi:were	w-E-w-ay-r-ay
ToKill	neka:re	n-ay-k-A-r-ay
ToKill-Tutari	tu:ta:ri	t-U-t-A-r-e
ToKill-Mactare	makta:re	m-ah-k-t-A-r-ay
ToKill-Occidere	okki:dere	oh-k-k-E-d-ay-r-ay
ToFight	pugna:re	p-u-j-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-j-A-r-ay
ToFly	wola:re	w-oh-l-A-r-ay
ToWalk-Mergere	mergere	m-ay-r-j-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-Iacere	jake:re	jg-ah-k-ai-r-ay
ToSit	sede:re	s-ay-d-ai-r-ay
ToSit-Sedentare	sedenta:re	s-ay-d-ay-n-t-A-r-ay
ToStand	sta:re	s-t-A-r-ay
ToStand-Levare	leva:re	l-ay-v-A-r-ay
ToStand-Altiare	altia:re	ah-l-t-e-A-r-ay
ToTurnIntransitive	torna:re	t-oh-r-n-A-r-ay
ToTurnIntransitive-Gyrate	gyra:re	j-eeh-r-A-r-ay
ToTurnIntransitive-Torque	tork*re	t-oh-r-kw-ai-r-ay
ToFall	kadere	k-ah-d-ay-r-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	donare	d-oh-n-ah-r-ay
ToHold	tene:re	t-ay-n-ai-r-ay
ToSqueeze	eksprimere	ay-k-s-p-r-e-m-ay-r-ay
ToSqueeze-Serrere	serrere	s-ay-r-r-ay-r-ay
ToSqueeze-Serare	serare	s-ay-r-ah-r-ay
ToSqueeze-Appetere	appetora:re	ah-p-p-ay-k-t-oh-r-A-r-ay
ToSqueeze-Stringere	stringere	s-t-r-e-n-j-ay-r-ay
ToRub	frika:re	f-r-e-k-A-r-ay
ToRub-Frictare	frikta:re	f-r-e-k-t-A-r-ay
ToWash	lawa:re	l-ah-w-A-r-ay
ToWipe	tergere	t-ay-r-g-ay-r-ay
ToWipe-Extergere	ekstergere	ay-k-s-t-ay-r-g-ay-r-ay
ToWipe-Exsucare	eksu:ka:re	ay-k-s-U-k-A-r-ay
ToWipe-Limpidare	limpida:re	l-e-m-p-e-d-A-r-ay
ToPull	tira:re	t-e-r-A-r-ay

Appendix 4 - Word Lists by Language

ToPull-Pulsare	pulsa:re	p-u-l-s-A-r-ay
ToPull-Trahere	trahere	t-r-ah-h-ay-r-ay
ToPush	impingere	e-m-p-e-n-j-ay-r-ay
ToThrow	jakta:re	jg-ah-k-t-A-r-ay
ToThrow-Lanceare	lankea:re	l-ah-n-k-ay-A-r-ay
ToThrow-Eruncare	e:runka:re	ai-r-u-n-k-A-r-ay
ToTie	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay
ToSew	ko:nsuere	k-O-n-s-u-ay-r-ay
ToCount	komputa:re	k-oh-m-p-u-t-A-r-ay
ToCount-Enumerare	e:numera:re	ai-n-u-m-ay-r-A-r-ay
ToSay	di:kere	d-E-k-ay-r-ay
ToSay-Exponere	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	ekskurrere	ay-k-s-k-u-r-r-ay-r-ay
ToFlow-Currere	kurrere	k-u-r-r-ay-r-ay
ToFreeze	gela:re	g-ay-l-A-r-ay
ToFreeze-Glaciare	glakia:re	g-l-ah-k-e-A-r-ay
ToFreeze-Inglaciare	inglakia:re	e-n-g-l-ah-k-e-A-r-ay
ToSwell	augmenta:re	au_diphthong-g-m-ay-n-t-A-r-ay
ToSwell-Inflare	infla:re	e-n-f-l-A-r-ay
ToSwell-Conflare	konfla:re	k-oh-n-f-l-A-r-ay
ToSwell-Intumescere	intume:skere	e-n-t-u-m-ai-s-k-ay-r-ay
ToSwell-Crescere	kre:ske:re	k-r-ai-s-k-ai-r-ay
ToBurn-Cremare	krema:re	k-r-ay-m-A-r-ay
ToBurn-Flammare	flamma:re	f-l-ah-m-m-A-r-ay
ToBurn-Ardere	arde:re	ah-r-d-ai-r-ay
ToBurn-Flagrare	flagra:re	f-l-ah-g-r-A-r-ay
ToBurn-Incendere	inkendere	e-n-k-ay-n-d-ay-r-ay
ToBurn-AncestralClass8	ustula:re	u-s-t-u-l-A-r-ay
All	omne:s	oh-m-n-ai-s
All-Totus	to:tus	t-O-t-u-s
Many	multus	m-u-l-t-u-s
Many-Tantus	tantus	t-ah-n-t-u-s
Few	pau:kus	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-j-n-u-s
Big-Grandem	grandem	j-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-j-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	j-u-r-d-u-s
Thick-Grossum	grossus	j-r-oh-s-s-u-s
Heavy	grawis	g-r-ah-w-e-s
Heavy-Lurdus	lurdus	l-u-r-d-u-s
Heavy-Pesant	pe:sant	p-ai-s-ah-n-t

Appendix 4 - Word Lists by Language

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
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	kalidum	k-ah-l-e-d-u-m
Cold	fri:gidum	f-r-E-g-e-d-u-m
Full	ple:num	p-l-ai-n-u-m
New	nowum	n-oh-w-u-m
Old	wetum	w-ay-t-u-m
Good	bonum	b-oh-n-u-m
Bad	małum	m-ah-ssha-u-m
Rotten	putridum	p-u-t-r-e-d-u-m
Dirty	sordidus	s-oh-r-d-e-d-u-s
Straight	re:ktum	r-ai-k-t-u-m
Round	rotundum	r-oh-t-u-n-d-u-m
SharpAsAKnife	aku:tum	ah-k-U-t-u-m
DullAsAKnife	hebes	h-ay-b-ay-s
Smooth	sua:wě	s-u-A-w-ehn
Wet	u:midum	U-m-e-d-u-m
Dry	sikkus	s-e-k-k-u-s
Correct	korre:ktum	k-oh-r-r-ai-k-t-u-m
Near	propiḡk ^w um	p-r-oh-p-e-nya-kw-u-m
Far	longum	ssha-oh-nya-g-u-m
Right-Dextrem	dekstrum	d-ay-k-s-t-r-u-m
Right-Directus	di:re:ktus	d-E-r-ai-k-t-u-s
Left	laewum	ssha-ah-cah-w-u-m
Red	russus	r-u-s-s-u-s
Red-Vermiculus	vermikulus	v-ay-r-m-e-k-u-l-u-s
Red-Rubeus	rubeus	r-u-b-ay-u-s
Green	wiridem	w-e-r-e-d-ay-m
Yellow	galbinus	g-ah-l-b-e-n-u-s
Yellow-Amarellus	amarellus	ah-m-ah-r-ay-l-l-u-s
Yellow-Croceus	krokeus	k-r-oh-k-ay-u-s
White	albus	ah-l-b-u-s
Black	nigrum	n-e-j-r-u-m
One	u:num	U-n-u-m
Two-Duos	duo:s	d-u-O-s
Two-Duae	duaj	d-u-aj_diphthong
Two-Duas	duas	d-u-ah-s
Three	tre:s	t-r-ai-s
Four	k ^w attwor	kw-ah-t-t-w-oh-r
Five	k ^w i:nk ^w e	kw-E-n-kw-ay
Here	ekkumhi:k	ay-k-k-u-m-h-E-k
There	illa:k	e-l-l-A-k
There-Ibi	ibi:	e-b-E
Who-Qui	k ^w is	kw-e-s
Who-Quem	k ^w em	kw-ay-m
What	k ^w id	kw-e-d
Where-Ubi	ubi	u-b-e
Where-Unde	unde	u-n-d-ay
Where-DeUnde	deunde	d-ay-u-n-d-ay

Appendix 4 - Word Lists by Language

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

French

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

Appendix 4 - Word Lists by Language

Meat-Vivenda	vjad	v-jg-NasalA-d
Blood	sā	s-NasalA
Bone	as	euh-s
FatNoun-Crassia	gæes	g-rr-eh-s
Egg	æf	OpenMidNearFrontRounded-f
Horn	kɔkn	k-euh-rr-n
Tail	kø	k-uu
Feather	plym	p-l-eeh-m
Feather-Penna	pæn	p-eh-n
Hair	pwal	p-w-ah-l
Hair-Capillus	ʃəvø	shh-aah-v-uu
Head	ʃəvɛ	shh-aah-v-eh
Head-Testa	tæt	t-eh-t
Ear	oæj	oh-rr-ej_diphthong
Eye	æj	OpenMidNearFrontRounded-jg
Nose	ne	n-ay
Mouth	buʃ	b-u-shh
Mouth-Gula	gæl	g-OpenMidNearFrontRounded-l
Tooth	dā	d-NasalA
Fingernail	ōgl	on-g-l
Foot	pje	p-jg-ay
Leg-Gamba	zāb	gzah-NasalA-b
Knee-Genuculum	zənu	gzah-aah-n-u
Hand	mē	m-ehn
Wing	el	ay-l
Belly	vātɕ	v-NasalA-t-rr
Belly-Pantex	pās	p-NasalA-s
Guts	ātɕaj	NasalA-t-rr-a-jg
Neck	ku	k-u
Back	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast	sē	s-ehn
Breast-Pectus	pi	p-e
Heart	kœɕ	k-OpenMidNearFrontRounded-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	solej	s-euh-l-eh_diphthong
Moon	lyn	l-eeh-n
Star	etwal	ay-t-w-ah-l
Water	o	oh
Rain	plqi	p-l-eu-e
River-Rivus	ky	rr-eeh
River-Riparia	ɕivjɕɕ	rr-e-v-jg-ay-rr
Lake	lak	l-ah-k
Sea	mæɕ	m-eh-rr
Salt	səl	s-eh-l
Stone-Petra	pjɕɕ	p-jg-ay-rr
Sand-Sabulum	sabl	s-ah-b-l
Dust	pudɕ	p-u-d-rr
Earth	tɕɕ	t-ay-rr
Cloud	ny	n-eeh
Fog-Nebula	njɔly	n-jg-euh-l-eeh
Fog-Tenebras	tenɛbɕ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-eeh-m-ay
Sky	sjəl	s-jg-eh-l
Wind	vā	v-NasalA
Ice	zəl	gzah-eh-l

Appendix 4 - Word Lists by Language

Ice-Glacies	glas	g-l-ah-s
Fire-Focus	fø	f-uu
Ash	sãdɤ	s-NasalA-d-rr
Road	vwa	v-w-ah
Road-Camminus	ʃəmẽ	shh-aah-m-ehnn
Mountain	mõ	m-oon
Mountain-Montanea	mõtɔɲ	m-on-t-ah-VdPalatalNasal
Night	nɥi	n-eu-e
Day-Diurnus	zux	gzah-u-rr
Day-Diurnata	zuxne	gzah-u-rr-n-ay
Year	a	NasalA
Name-Nomen	nõ	n-oon
Tongue	lãg	l-NasalA-g
ToDrink	bwɔɤ	b-w-a-rr
ToEat-Manducare	mãze	m-NasalA-gzah-ay
ToBite	moxdɤ	m-oh-rr-d-rr
ToSuck	syse	s-eeh-s-ay
ToSpit	kõspyɛ	k-oon-s-p-eeh-ay
ToVomit	vomix	v-oh-m-e-rr
ToBlow	sufle	s-u-f-l-ay
ToBreathe	ɤespiɤe	rr-ay-s-p-e-rr-ay
ToLaugh	ɤix	rr-e-rr
ToSee	vwaɤ	v-w-ah-rr
ToHear	ãtãdɤ	NasalA-t-NasalA-d-rr
ToKnow-Sapere	savwaɤ	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kõnetɤ	k-euh-n-eh-t-rr
ToThink	kɥide	k-eu-e-d-ay
ToThink-Pensare	pãse	p-NasalA-s-ay
ToSmell-Sentire	sãtiɤ	s-NasalA-t-e-rr
ToSmell-Fragrare	fleɤe	f-l-eh-rr-ay
ToFear-Tremere	kɤẽdɤ	k-rr-ehn-d-rr
ToSleep	dõxmiɤ	d-euh-rr-m-e-rr
ToLive	vivɤ	v-e-v-rr
ToDie	muxiɤ	m-u-rr-e-rr
ToKill	nwaje	n-w-aj_diphthong-ay
ToKill-Tutari	tɥe	t-eu-ay
ToKill-Mactare	mate	m-ah-t-ay
ToKill-Occidere	õksiɤ	euh-k-s-e-rr
ToFight-Battuere	batɤ	b-ah-t-rr
ToHunt-Captiare	ʃase	shh-ah-s-ay
ToHit	puse	p-u-s-ay
ToCut	sje	s-jg-ay
ToCut-Excurtare	ekuxte	ay-k-u-rr-t-ay
ToCut-Taliare	tãje	t-a-jg-ay
ToSplit-Scindere	sẽde	s-ehnn-d-ay
ToSplit-Findere	fãdɤ	f-NasalA-d-rr
ToSplit-Partire	pãtiɤ	p-ah-rr-t-e-rr
ToSplit-Separare	sõvɤe	s-aah-v-rr-ay
ToStab	pwẽdɤ	p-w-ehnn-d-rr
ToStab-Iugulare	zygyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	ɤaze	rr-a-zz-ay
ToDig	fwix	f-w-e-rr
ToSwim-Navigare	nãze	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	ʃəmine	shh-aah-m-e-n-ay
ToWalk-Marcher	mãɤʃe	m-ah-rr-shh-ay
ToCome	võniɤ	v-aah-n-e-rr

Appendix 4 - Word Lists by Language

ToLieAsInABed	etãdɤ	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	zeziɤ	gzah-ay-zz-e-rr
ToSit	swaɤ	s-w-ah-rr
ToStand	etɤ	eh-t-rr
ToStand-Levare	løve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive	tukne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	ziɤe	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	viɤe	v-e-rr-ay
ToTurnIntransitive-Torquere	tɔɤdɤ	t-euh-rr-d-rr
ToFall	fwaɤ	shh-w-ah-rr
ToFall-Tumbare	tõbe	t-on-b-ay
ToGive-Donare	dõne	d-euh-n-ay
ToHold	taniɤ	t-aah-n-e-rr
ToSqueeze	epɤedɤ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	seɤe	s-ay-rr-ay
ToSqueeze-Stringere	etɤedɤ	ay-t-rr-ehnn-d-rr
ToRub	fɤeje	f-rr-eh_diphthong-ay
ToRub-Frictare	fɤote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	esɤije	ay-s-eu-e-jg-ay
ToPull	tiɤe	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahere	tɤeɤ	t-rr-eh-rr
ToThrow	zɔte	gzah-aah-t-ay
ToThrow-Lanceare	lãse	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudɤ	k-u-d-rr
ToCount	kõte	k-on-t-ay
ToCount-Enumerare	enumɤeɤe	ay-n-u-m-ay-rr-ay
ToSay	diɤ	d-e-rr
ToSing-AncestralClass	fãte	shh-NasalA-t-ay
ToPlay-Jiocare	zwe	gzah-w-ay
ToFloat	flyktɤe	f-l-eeh-k-t-eu-ay
ToFlow	flye	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kukɤ	k-u-rr-e-rr
ToFreeze	zøle	gzah-aah-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell	ogmãte	oh-g-m-NasalA-t-ay
ToSwell-Inflare	ãfle	NasalA-f-l-ay
ToSwell-Conflare	gõfle	g-on-f-l-ay
ToSwell-Crescere	kɤwatɤ	k-rr-w-ah-t-rr
ToBurn-Brojan	bɤyle	b-rr-eeh-l-ay
ToBurn-Cremare	kɤame	k-rr-ah-m-ay
ToBurn-Flammare	flãbe	f-l-NasalA-b-ay
ToBurn-Ardere	aɤdɤ	ah-rr-d-rr
ToBurn-Flagrare	flagɤe	f-l-ah-g-rr-ay
ToBurn-Incendere	ẽsãdje	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okã	oh-k-uuh
Few	pø	p-uu
Other	otɤ	oh-t-rr
Big-Grandem	gɤã	g-rr-NasalA
Long-Longum	lõ	l-oon
Long-Largum	laɤʒ	l-ah-rr-gzah

Appendix 4 - Word Lists by Language

Wide	le	l-ay
Wide-Amplum	āpl	NasalA-p-l
Thick	gʷa	g-rr-a
Thick-Spissum	epe	ay-p-ay
Thick-Grossum	gʷo	g-rr-oh
Heavy	gʷijef	g-rr-e-jg-eh-f
Heavy-Lurdus	luʷ	l-u-rr
Heavy-Pesant	pəʒā	p-aah-zz-NasalA
Small	pəti	p-aah-t-e
Short	kuʷ	k-u-rr
Short-Brevis	bʷef	b-rr-eh-f
Narrow-Strictus	etʷwa	ay-t-rr-w-ah
Thin	məny	m-aah-n-eeh
Thin-Delicatus	du:ʒe:	d-U-gzah-ai
Warm	ʃo	shh-oh
Cold	fʷwa	f-rr-w-ah
Full	plē	p-l-ehn
New	nuvo	n-u-v-oh
Old	vjə	v-jg-uu
Good	bō	b-on
Bad	move	m-oh-v-ay
Rotten	puri	p-u-r-e
Dirty	sal	s-ah-l
Straight	dʷwa	d-rr-w-ah
Round	ʷō	rr-on
SharpAsAKnife	tʰāʃā	t-rr-NasalA-shh-NasalA
DullAsAKnife	emuse	ay-m-u-s-ay
Smooth	lis	l-e-s
Wet	mujē	m-u-jg-ay
Dry	sek	s-eh-k
Near	pʷe	p-rr-ay
Far	lwē	l-w-ehn
Right-Directus	dʷwat	d-rr-w-ah-t
Left	goʃ	g-oh-shh
Red	ʷu	rr-u
Red-Vermiculus	vɛʷmɛj	v-eh-rr-m-eh_diphthong
Red-Rubeus	ʷuʒ	rr-u-gzah
Green	vɛʷ	v-ay-rr
Yellow	ʒon	gzah-oh-n
Black	nwaʷ	n-w-ah-rr
One	œ	uuh
Two-Duos	dø	d-uu
Three	tʷwa	t-rr-w-a
Four	katʷ	k-ah-t-rr
Five	sēk	s-ehn-k
Here	isi	e-s-e
There	la	l-ah
Who-Qui	ki	k-e
What	kwa	k-w-ah
Where-Ubi	u	u
Where-DeUnde	dō	d-oon
When-Quando	kā	k-NasalA
How-Quomodo	kōmā	k-euh-m-NasalA
Not	nō	n-oon
Not-Nec	ni	n-e
At	a	ah
In-Deintus	dā	d-NasalA

Appendix 4 - Word Lists by Language

With-Abhoc	avek	ah-v-ay-k
And-Et	e	ay
If	si	s-e
Because-Quod	kə	k-aah
Because-Proquid	paʁsko	p-ah-rr-s-k-aah

Spanish

Cognate	IPA	Sounds
I	jo	VdPalatalFricative-oh
We	nos	n-oh-s
YouPlural	bos	b-oh-s
They	eʎos	ay-yuh-oh-s
This	este	ay-s-t-ay
That	ese	ay-s-ay
YouSingular	tu	t-u
YouSingular-VostramMercedem	usted	u-s-t-ay-d
He	el	ay-l
Woman	embra	ay-m-b-er-ah
Woman-Mulier	muxer	m-u-xha-ay-er
Woman-Domina	doʝa	d-oh-VdPalatalNasal-ah
ManHumanBeing	ombre	oh-m-b-er-ay
Child	infante	e-n-f-ah-n-t-ay
Child-Ninnus	nipo	n-e-VdPalatalNasal-oh
Wife	esposa	ay-s-p-oh-s-ah
Wife-Mulier	muxer	m-u-xha-ay-er
Husband	mariðo	m-ah-er-e-dd-oh
Husband-Sponsus	esposo	ay-s-p-oh-s-oh
Mother	maðre	m-ah-dd-er-ay
Father	paðre	p-ah-dd-er-ay
Father-Tata	tata	t-ah-t-ah
Animal	alimaja	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	aʁʎol	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	j-er-ah-m-ah
Rope-Restis	rista	er-e-s-t-ah
Skin-Pellis	piel	p-jg-ay-l
Meat	karne	k-ah-er-n-ay
Meat-Vivenda	bibjenda	b-e-b-jg-ay-n-d-ah
Blood	sangre	s-ah-nya-g-er-ay

Appendix 4 - Word Lists by Language

Bone	weso	w-ay-s-oh
FatNoun-Crassia	grasa	g-cr-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-c-th
Mouth	boka	b-oh-k-ah
Mouth-Gula	gola	j-oh-l-ah
Tooth	djente	d-jg-ay-n-t-ay
Fingernail	upa	u-VdPalatalNasal-ah
Foot	pje	p-jg-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	pjerna	p-jg-ay-er-n-ah
Leg-Petiolus	peθiolo	p-ay-th-e-oh-l-oh
Knee-Genuculum	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	tripas	t-er-e-p-ah-s
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	peŋfo	p-ay-ts-oh
Heart-Anima	alma	ah-l-m-ah
Liver	iyaðo	e-juh-ah-dd-oh
Sun	sol	s-oh-l
Moon	luna	l-u-n-ah
Star	estreja	ay-s-t-er-ay-VdPalatalFricative-ah
Water	aywa	ah-juh-w-ah
Rain	jubja	VdPalatalFricative-u-b-jg-ah
River-Rivus	rio	r-e-oh
Lake	lago	l-ah-j-oh
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone-Petra	pjeðra	p-jg-ay-dd-er-ah
Stone-Lapidem	laude	l-ah-u-d-ay
Sand	arena	ah-er-ay-n-ah
Dust-Pulwus	polbo	p-oh-l-b-oh
Earth	tjera	t-jg-ay-r-ah
Cloud	nube	n-u-b-ay
Cloud-Secondary	nublo	n-u-b-l-oh
Fog	kalina	k-ah-l-e-n-ah
Fog-Nebula	njebla	n-jg-ay-b-l-ah
Fog-Tenebras	tinjeblas	t-e-n-jg-ay-b-l-ah-s
Fog-Fumata	fumata	f-u-m-ah-t-ah
Sky	θjelo	th-jg-ay-l-oh
Wind	bjento	b-jg-ay-n-t-oh
Snow	njebe	n-jg-ay-b-ay

Appendix 4 - Word Lists by Language

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	montapa	m-oh-n-t-ah-VdPalatalNasal-ah
Night	noŋe	n-oh-ts-ay
Day	dia	d-e-ah
Day-Diurnus	djurno	d-jg-u-er-n-oh
Day-Diurnata	xornada	xha-oh-er-n-ah-d-ah
Year	apo	ah-VdPalatalNasal-oh
Name-Nominem	nombre	n-oh-m-b-er-ay
ManMale	ombre	oh-m-b-er-ay
ManHuman	ombre	oh-m-b-er-ay
Tongue	leŋgwa	l-ay-nya-g-w-ah
ToDrink	beber	b-ay-b-ay-er
ToEat	komer	k-oh-m-ay-er
ToEat-Manducare	mandukar	m-ah-n-d-u-k-ah-er
ToBite	moŋer	m-oh-er-dd-ay-er
ToBite-Morsicare	moskar	m-oh-s-k-ah-er
ToSpit-Exconspuere	eskupir	ay-s-k-u-p-e-er
ToSpit-Sputare	esputar	ay-s-p-u-t-ah-er
ToVomit	bomitar	b-oh-m-e-t-ah-er
ToBlow	soplar	s-oh-p-l-ah-er
ToBreathe	respirar	r-ay-s-p-e-er-ah-er
ToLaugh	reir	r-ay-e-er
ToSee	ber	b-ay-er
ToHear	oir	oh-e-er
ToKnow-Sapere	saber	s-ah-b-ay-er
ToKnow-Cognoscere	konoθer	k-oh-n-oh-th-ay-er
ToThink	kwidar	k-w-e-d-ah-er
ToThink-Pensare	pensar	p-ay-n-s-ah-er
ToSmell-Sentire	sentir	s-ay-n-t-e-er
ToSmell-Olere	oler	oh-l-ay-er
ToFear	temer	t-ay-m-ay-er
ToFear-Tremere	tremere	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-j-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

Appendix 4 - Word Lists by Language

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-Torque	torθer	t-oh-er-th-ay-er
ToFall	kaer	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	donar	d-oh-n-ah-er
ToHold	tener	t-ay-n-ay-er
ToHold-Segurar	segurar	s-ay-g-u-er-ah-er
ToSqueeze	ekspremir	ay-k-s-p-er-ay-m-e-er
ToSqueeze-Serrere	serar	s-ay-r-ah-er
ToSqueeze-Serare	θerar	th-ay-r-ah-er
ToSqueeze-Appetore	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estrepir	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	laβar	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	eθar	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-j-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

Appendix 4 - Word Lists by Language

ToFreeze	clar	ay-l-ah-er
ToSwell	augmentar	au_diphthong-m-ay-n-t-ah-er
ToSwell-Inflare	inŋar	e-n-ts-ah-er
ToSwell-Intumescere	entumeθer	ay-n-t-u-m-ay-th-ay-er
ToSwell-Crescere	kreθer	k-er-ay-th-ay-er
ToBurn-Cremare	kemar	k-ay-m-ah-er
ToBurn-Flammare	flamear	f-l-ah-m-ay-ah-er
ToBurn-Ardere	arder	ah-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	enθender	ay-n-th-ay-n-d-ay-er
All-Totus	todo	t-oh-d-oh
Many	muŋfo	m-u-ts-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alguno	ah-l-j-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-j-oh
Long-Largum	laryo	l-ah-er-juh-oh
Wide	lato	l-ah-t-oh
Wide-Amplum	anŋfo	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
Heavy-Pesant	pesaðo	p-ay-s-ah-dd-oh
Small-Pittinus	pekeŋo	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	estreŋfo	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	kaliðo	k-ah-l-e-dd-oh
Cold	frio	f-er-e-oh
Full	leno	yuh-ay-n-oh
New	nweβo	n-w-ay-bb-oh
Old	bjexo	b-jg-ay-xha-oh
Good	bweno	b-w-ay-n-oh
Bad	malo	m-ah-l-oh
Rotten	poðriðo	p-oh-dd-er-e-dd-oh
Dirty	suθjo	s-u-th-jg-oh
Straight	rekto	r-ay-k-t-oh
Round	reðondo	r-ay-dd-oh-n-d-oh
SharpAsAKnife	ayuðo	ah-juh-u-dd-oh
DullAsAKnife	sinfilo	s-e-n-f-e-l-oh
Smooth	liso	l-e-s-oh
Wet	moxaðo	m-oh-xha-ah-dd-oh
Dry	seko	s-ay-k-oh
Near	θerka	th-ay-er-k-ah
Far	lexos	l-ay-xha-oh-s
Right-Dextrem	djestro	d-jg-ay-s-t-er-oh
Right-Directus	dereŋfo	d-ay-er-ay-ts-oh
Left	iθkjerða	e-th-k-jg-ay-er-dd-ah

Appendix 4 - Word Lists by Language

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
Black	neyro	n-ay-juh-er-oh
Black-Pretto	prjeto	p-er-jg-ay-t-oh
One	uno	u-n-oh
Two-Duos	dos	d-oh-s
Three	tres	t-er-ay-s
Four	kwatro	k-w-ah-t-er-oh
Five	θinko	th-e-n-k-oh
Here	aki	ah-k-e
There	aja	ah-VdPalatalFricative-ah
There-Adlbi	ai	ah-e
Who-Quem	kjen	k-jg-ay-n
What	ke	k-ay
Where-Unde	onde	oh-n-d-ay
Where-DeUnde	donde	d-oh-n-d-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	komo	k-oh-m-oh
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	en	ay-n
With-Cum	kon	k-oh-n
And-Et	i	e
If	si	s-e
Because-Quod	ke	k-ay
Because-Proquid	porke	p-oh-er-k-ay

Italian

Cognate	IPA	Sounds
I	io	e-oh
We	no:i	n-O-e
YouPlural	vo:i	v-O-e
They	lo:ro	l-O-r-oh
This	kwesto	k-w-ay-s-t-oh
That	kwello	k-w-ay-l-l-oh
YouSingular	tu	t-u
He	lu:i	l-U-e
Woman	femmina	f-ay-m-m-e-n-ah
Woman-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Woman-Domina	donna	d-euh-n-n-ah
ManHumanBeing-Homo	womo	w-euh-m-oh
Child	fante	f-ah-n-t-ay
Child-Ninnus	nino	n-e-n-oh
Wife	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

Appendix 4 - Word Lists by Language

Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃʃa	b-e-shh-shh-ah
Fish-Piskem	peʃʃe	p-ay-shh-shh-ay
Bird-Avicellum	utʃʃello	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog	kane	k-ah-n-ay
Louse	pidokkjo	p-e-d-euh-k-k-jg-oh
Snake	serpente	s-ay-r-p-ay-n-t-ay
Worm	verme	v-ay-r-m-ay
Tree	albero	ah-l-b-ay-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	fronɖa	f-r-oh-n-VdPalatoAlveolarAffricate-ah
Root-Radix	radi:ʃʃe	r-ah-d-E-ts-ay
BarkOfATree	kortiʃʃe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortetʃʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Skorteia	skɔrʃʃa	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
Egg	wovo	w-euh-v-oh
Horn	korno	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	kavetʃʃa	k-ah-v-ay-t-t-s-ah
Head-Testa	testa	t-eh-s-t-ah
Ear	orekkja	oh-r-ay-k-k-jg-ah
Eye	okkjo	euh-k-k-jg-oh
Nose	na:so	n-A-s-oh
Nose-Nares	nariʃʃe	n-ah-r-e-ts-ay
Mouth	bokka	b-oh-k-k-ah
Mouth-Gula	gola	j-oh-l-ah
Tooth	dente	d-eh-n-t-ay
Fingernail	ungja	u-n-g-jg-ah
Foot	pje:de	p-jg-Eh-d-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	perno	p-eh-r-n-oh
Leg-Petiolus	pitʃʃolo	p-e-t-ts-euh-l-oh
Knee-Geniculum	dʒinokkjo	VdPalatoAlveolarSibilant-e-n-euh-k-k-jg-oh
Hand	ma:no	m-A-n-oh
Wing	ala	ah-l-ah

Appendix 4 - Word Lists by Language

Belly-Pantex	panʦa	p-ah-n-ts-ah
Guts	intesti: no	e-n-t-ay-s-t-E-n-oh
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-ch-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	ʃelo	ts-eh-l-oh
Wind	vento	v-eh-n-t-oh
Snow	neve	n-ay-v-ay
Ice	dʒelo	VdPalatoAlveolarSibilant-eh-l-oh
Ice-Glacies	gʒatʃa	g-jg-ah-t-ts-ah
Smoke	fumo	f-u-m-oh
Fire-Focus	fwoko	f-w-euh-k-oh
Ash	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	montajɲa	m-oh-n-t-ah-VdPalatalNasal-VdPalatalNasal-ah
Night	notte	n-euh-t-t-ay
Day	di	d-e
Day-Diurnus	dʒorno	VdPalatoAlveolarSibilant-oh-r-n-oh
Day-Diurnata	dʒornata	VdPalatoAlveolarSibilant-oh-r-n-ah-t-ah
Year	anno	ah-n-n-oh
Name-Nomen	no:me	n-O-m-ay
ManMale	wo:mo	w-O-m-oh
ManHuman	wo:mo	w-O-m-oh
Tongue	lingwa	l-e-n-g-w-ah
ToDrink	bere	b-ay-er-ay
ToEat-Manducare	mandʒare	m-ah-n-VdPalatoAlveolarSibilant-ah-er-ay

Appendix 4 - Word Lists by Language

ToBite	mordere	m-euh-r-d-ay-r-ay
ToBite-Morsicare	morsikare	m-oh-r-s-e-k-ah-er-ay
ToSpit-Sputare	sputare	s-p-u-t-ah-er-ay
ToVomit	vomitare	v-oh-m-e-t-ah-er-ay
ToBlow	soffiare	s-oh-f-f-jg-ah-er-ay
ToBreathe	respirare	r-ay-s-p-e-r-ah-er-ay
ToLaugh	ridere	r-E-d-ay-er-ay
ToSee	vedere	v-ay-d-ai-er-ay
ToHear	udire	u-d-E-er-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	konoſſere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink	kodŷitare	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-j-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	utſidere	u-t-ts-e-d-ay-er-ay
ToFight	pugnare	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	battere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	kattſare	k-ah-t-ts-ah-r-ay
ToHit	pulsare	p-u-l-s-ah-r-ay
ToCut	segare	s-ay-j-ah-r-ay
ToCut-Excurtare	skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	taſſare	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ſindere	shh-e-n-d-ay-r-ay
ToSplit-Findere	fendere	f-ch-n-d-ay-r-ay
ToSplit-Partire	partire	p-ah-r-t-e-r-ay
ToSplit-Separare	separare	s-ay-p-ah-r-ah-r-ay
ToStab	pundzere	p-u-n-VdPalatoAlveolarSibilant-ay-r-ay
ToStab-Iugulare	jugula:re	jg-u-j-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-ch-n-d-ay-r-ay
ToLieAsInABed-lacere	dzaſe: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-VlAlveolarSibilantAffricate-ah-r-ay
ToTurnIntransitive	tornare	t-oh-r-n-ah-r-ay

Appendix 4 - Word Lists by Language

ToTurnIntransitive-Gyrare	dʒirare	VdPalatoAlveolarSibilant-e-r-ah-cr-ay
ToTurnIntransitive-AncestralClass3	virare	v-e-r-ah-cr-ay
ToTurnIntransitive-Torquere	torʃere	t-euh-r-ts-ay-r-ay
ToFall	kadere	k-ah-d-ay-cr-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	donare	d-oh-n-ah-r-ay
ToHold	tenere	t-ay-n-ay-cr-ay
ToSqueeze	spremere	s-p-r-eh-m-ay-r-ay
ToSqueeze-Serare	serrare	s-ay-r-r-ah-r-ay
ToSqueeze-Stringere	stringere	s-t-r-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToRub	fregare	f-r-ay-j-ah-r-ay
ToRub-Frictare	frettare	f-r-ay-t-t-ah-r-ay
ToWash	lavare	l-ah-v-ah-r-ay
ToWipe	terʒere	t-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWipe-Exsucare	aʃʃugare	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	impingere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToThrow	dgettare	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	kuffire	k-u-ts-e-r-ay
ToCount	kontare	k-oh-n-t-ah-r-ay
ToCount-Enumerare	enumerare	ay-n-u-m-ay-r-ah-r-ay
ToSay	dire	d-e-r-ay
ToSay-Exponere	sporre	s-p-oh-r-r-ay
ToSing-AncestralClass	kantare	k-ah-n-t-ah-r-ay
ToPlay-Jiocare	dʒokare	VdPalatoAlveolarSibilant-oh-k-ah-r-ay
ToFloat	fluttuare	f-l-u-t-t-u-ah-r-ay
ToFloat-Flutare	flutare	f-l-u-e-t-ah-r-ay
ToFlow	fluire	f-l-u-e-r-ay
ToFlow-Colare	kolare	k-oh-l-ah-r-ay
ToFlow-Excurrere	skorrere	s-k-oh-r-r-ay-r-ay
ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze	dʒelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay
ToFreeze-Glaciare	gʒatʃare	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	gonfʃare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreʃʃere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Brojan	bruʃare	b-r-u-ts-ah-r-ay
ToBurn-Cremare	kremare	k-r-ay-m-ah-r-ay
ToBurn-Flammare	fjammare	f-jg-ah-m-m-ah-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Flagrare	flagrare	f-l-ah-g-r-ah-r-ay
ToBurn-Incendere	infendjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-AncestralClass8	ustolare	u-s-t-oh-l-ah-r-ay
All	oppi	oh-VdPalatalNasal-VdPalatalNasal-e
All-Totus	tutto	t-u-t-t-oh
Many	molto	m-oh-l-t-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alkuno	ah-l-k-u-n-oh
Few	poko	p-euh-k-oh
Other	altro	ah-l-t-r-oh
Big	mappo	m-ah-VdPalatalNasal-VdPalatalNasal-oh

Appendix 4 - Word Lists by Language

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	j-r-euh-s-s-oh
Heavy	grave	g-r-eh-v-ay
Heavy-Lurdus	lordo	l-oh-r-d-oh
Heavy-Pesant	pesante	p-ay-s-ah-n-t-ay
Small-Pittinus	pittjino	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	fred:o	f-r-ay-VdAlveolarStop-oh
Full	pje:~no	p-jg-Eh-n-oh
New	nwo:~vo	n-w-LongOpenMidBackRounded-v-oh
Old	vek:~jo	v-eh-kk-jg-oh
Good	bwo:~no	b-w-LongOpenMidBackRounded-n-oh
Bad	katti:~vo	k-ah-t-t-E-v-oh
Rotten	marfjo	m-ah-r-ts-oh
Dirty	sporko	s-p-euh-r-k-oh
Straight	drit:o	d-r-e-VIDentalAlveolar-oh
Round	ton.do	t-oh-n-d-oh
SharpAsAKnife	affila:to	ah-f-f-e-l-A-t-oh
DullAsAKnife	zmussa:to	zz-m-u-s-s-A-t-oh
Smooth	lijfo	l-e-shh-shh-oh
Wet	bajpa:to	b-ah-VdPalatalNasal-VdPalatalNasal-A-t-oh
Dry	sekko	s-ay-k-k-oh
Correct	korretto	k-oh-r-r-ay-t-t-oh
Near	viŋi:~no	v-e-ts-E-n-oh
Far	lonta:~no	l-oh-n-t-A-n-oh
Right-Dextrem	destro	d-eh-s-t-r-oh
Right-Directus	destra	d-eh-s-t-r-ah
Left	sinistro	s-e-n-e-s-t-r-oh
Red	rosso	r-oh-s-s-oh
Red-Vermiculus	vermi~llo	v-ay-r-m-e-yuh-yuh-oh
Red-Rubeus	robbjo	r-euh-b-b-jg-oh
Green	verde	v-ay-r-d-ay
Yellow-Croceus	krotŋeo	k-r-oh-ts-ay-oh
White	albo	ah-l-b-oh
Black	negro	n-ay-j-r-oh
One	uno	u-n-oh
Two-Duae	due	d-u-ay
Three	tre	t-r-ay
Four	kwattro	k-w-ah-t-t-r-oh
Five	ŋiŋkwe	ts-e-nya-k-w-ay
Here	kwi	k-w-e
There	la	l-ah
There-Ibi	vi	v-e

Appendix 4 - Word Lists by Language

Who-Qui	ki	k-e
What	ke	k-ay
Where-Ubi	ove	oh-v-ay
Where-Unde	onde	oh-n-d-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
If	se	s-ay
Because-Quod	ke	k-ay
Because-Proquid	perke	p-ay-r-k-ay

Brazilian Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nojs	n-euh-jg-s
YouPlural	vojs	v-euh-jg-s
They	elis	ay-l-e-s
This	isu	e-s-u
That	akilu	ah-k-e-l-u
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-oh-s-ay
He	eli	ay-l-e
Woman	femeɐ	f-ay-m-ay-ahh
Woman-Mulier	mulɐɐ	m-u-yuh-ay-rr
Woman-Domina	done	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
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bɪʃɐ	b-e-shh-ahh
Fish-Piskem	pɛjɪ	p-ej_diphthong-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɐru	p-ah-s-ahh-er-u
Dog	kɛw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛkɐɾɛjɪ	s-ay-rr-p-ehn-ts-e
Worm	vɛɾmi	v-ay-rr-m-e
Tree	akvori	ah-rr-v-oh-er-e
Forest	sɛwva	s-eh-w-v-ah
Stick	paw	p-ah-w
Fruit	frutɐ	f-er-u-t-ahh
Seed-Sementis	semɛjɪ	s-ay-m-ehn-ts-e
Seed-Granum	grɛw	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh

Appendix 4 - Word Lists by Language

Leaf-Frondea	frōsə	f-er-on-s-ahh
Root	ʁais	rr-ah-e-s
BarkOfATree	kəʁʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kəʁʃisə	k-oh-rr-ts-e-s-ahh
Flower	floʁ	f-l-oh-rr
Grass	ekvə	ay-rr-v-ahh
Grass-Gramen	grēmə	g-er-ahn-m-ahh
Rope-Restis	ʁeʃʃi	rr-eh-shh-ts-e
Skin	kodʒiə	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peli	p-eh-l-e
Meat	kəʁni	k-ah-rr-n-e
Meat-Vivenda	vivēda	v-e-v-ehn-d-ah
Blood	səʒi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	ɡraʃe	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kəʁnu	k-oh-rr-n-u
Tail	kawdə	k-ah-w-d-ahh
Feather-Penna	pene	p-ay-n-ahh
Hair	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head	kabese	k-ah-b-ay-s-ahh
Head-Testa	təstə	t-eh-s-t-ahh
Ear	oreʁə	oh-er-ay-yuh-ahh
Eye	olu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth	boke	b-oh-k-ahh
Tooth	dēʃi	d-ehn-ts-e
Fingernail	ɥnə	u-VdPalatalNasal-ahh
Foot	pə	p-eh
Leg-Perna	pəkne	p-eh-rr-n-ahh
Knee-Geniculum	ʒueʁu	gzah-u-ay-yuh-u
Hand	məw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pēsə	p-ahn-s-ahh
Guts	ētreʁes	ehn-t-er-ahh-VdPalatalNasal-ahh-s
Neck	kolu	k-euh-l-u
Back-Spatula	ɪʃpadwə	e-shh-p-ah-d-w-ahh
Breast	seju	s-ej_diphthong-u
Breast-Pectus	pəjtu	p-ej_diphthong-t-u
Heart	kəʁ	k-euh-rr
Heart-Anima	awmə	ah-w-m-ahh
Liver	figədu	f-e-g-ahh-d-u
Sun	səw	s-euh-w
Moon	luə	l-u-ahh
Star	istreʁə	e-s-t-er-ay-l-ahh
Water	agwə	ah-g-w-ahh
Rain	ʃuvə	shh-u-v-ahh
River	flumi	f-l-u-m-e
River-Rivus	ʁiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maʁ	m-ah-rr
Salt	saw	s-ah-w
Stone	sejʃu	s-ej_diphthong-shh-u
Stone-Petra	pedrə	p-ay-d-er-ahh
Sand	areʃə	ah-er-ej_diphthong-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u

Appendix 4 - Word Lists by Language

Dust-Pulwus	pɔ	p-euh
Earth	teɾɐ	t-ay-rr-ahh
Cloud	nuvẽj	n-u-v-nasal_diphthong_portuguese1
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kalizẽj	k-ah-l-e-gzah-nasal_diphthong_portuguese1
Fog-Nebula	nevɥɐ	n-eh-v-w-ahh
Fog-Fumata	fumasɐ	f-u-m-ah-s-ahh
Sky	sɛw	s-eh-w
Wind	vẽtu	v-ehn-t-u
Snow	nevi	n-eh-v-e
Smoke	fumu	f-u-m-u
Fire-Focus	fogu	f-oh-g-u
Ash-Cinisia	sĩzɛj	s-een-zz-ahh-shh
Road	viɐ	v-e-ahh
Road-Strata	istradɐ	e-s-t-er-ah-d-ahh
Road-Camminus	kamĩɾu	k-ah-m-een-VdPalatalNasal-u
Mountain	mõfjĩ	m-on-ts-e
Mountain-Montanea	mõtɛɾɐ	m-on-t-ahn-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-ccc
Day	diɐ	d-e-ahh
Day-Diurna	zɔɾna	gzah-euh-rr-n-ah
Year	ɛnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
ManMale	omẽj	oh-m-nasal_diphthong_portuguese1
ManHuman	omẽj	oh-m-nasal_diphthong_portuguese1
Tongue	liɾwɐ	l-een-g-w-ahh
ToDrink	bebeɾ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mẽzɔɾ	m-ahn-gzah-ah-rr
ToBite	moxdeɾ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musɔga	m-u-s-aah-g-ah
ToSuck	sugɔɾ	s-u-g-ah-rr
ToSpit	kuspiɾ	k-u-s-p-e-rr
ToVomit	vumitaɾ	v-u-m-e-t-ah-rr
ToBlow	sopraɾ	s-oh-p-er-ah-rr
ToBreathe	ɕɛspiraɾ	rr-ay-shh-p-e-er-ah-er
ToLaugh	kiɾ	rr-e-rr
ToSee	veɾ	v-ay-rr
ToHear	o(w)viɾ	ooow-v-e-rr
ToKnow-Sapere	sabeɾ	s-ah-b-ay-rr
ToKnow-Cognoscere	koɾneseɾ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuzitaɾ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pẽsaɾ	p-ehn-s-ah-rr
ToSmell-Sentire	sẽtʃiɾ	s-ehn-VlAlveoloPalatalSibilantAffricate-e-rr
ToSmell-Fragrare	fɛjɾɔɾ	shh-ej_diphthong-er-ah-rr
ToFear	temeɾ	t-ay-m-ay-rr
ToFear-Tremere	tremeɾ	t-er-ay-m-ay-rr
ToSleep	doɾmiɾ	d-oh-rr-m-e-rr
ToLive	viveɾ	v-e-v-ay-rr
ToDie	moɾeɾ	m-oh-rr-ay-rr
ToKill-Mactare	mataɾ	m-ah-t-ah-rr
ToFight-Battuere	bateɾ	b-ah-t-ay-rr
ToHunt-Captiare	kasɔɾ	k-ah-s-ah-rr
ToHit	puʃɔɾ	p-u-shh-ah-rr
ToCut	segaɾ	s-ay-g-ah-rr
ToCut-Curtare	koɾtaɾ	k-oh-rr-t-ah-rr
ToCut-Taliare	taʎɔɾ	t-ah-yuh-ah-rr

Appendix 4 - Word Lists by Language

ToSplit	dʒivɪdʒɪʁ	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fɛdɛʁ	f-ehn-d-ay-rr
ToSplit-Partire	pɑʁʃɪʁ	p-ah-rr-ts-e-rr
ToSplit-Separare	separaʁ	s-ay-p-ah-er-ah-rr
ToStab	pũʒɪʁ	p-ooo-gzah-e-rr
ToScratch	ʁaɛʁ	rr-ah-ay-rr
ToScratch-Rasare	ʁazaʁ	rr-ah-zz-ah-rr
ToScratch-Rasicare	ʁaʃkaʁ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaʃ	k-oh-s-s-ah-VdRetroflexApproximant
ToDig-Cavare	kevaʁ	k-ahh-v-ah-rr
ToDig-Excavare	ɪʃkevaʁ	e-shh-k-ahh-v-ah-rr
ToSwim	nadaʁ	n-ah-d-ah-rr
ToSwim-Navigare	naviʔaʁ	n-ah-v-eee-juh-ah-rr
ToFly	voaʁ	v-oh-ah-rr
ToWalk	kɛmɪɲaʁ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ɛdaʁ	ahn-d-ah-rr
ToCome	viʁ	v-e-rr
ToLieAsInABed	istɛdɛʁ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ʒɛʒɛʁ	gzah-ahh-zz-ay-rr
ToSit	sɛʁ	s-ay-rr
ToSit-Sedentare	sɛ̃taʁ	s-ehn-t-ah-er
ToStand	ɪʃtaʁ	eee-shh-t-ah-er
ToStand-Levare	levaʁ	l-ay-v-ah-rr
ToStand-Altiare	alsa	ah-ssha-s-ah
ToTurnIntransitive	tɔʁnaʁ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrare	ʒɪraʁ	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	viʁaʁ	v-e-er-ah-er
ToTurnIntransitive-Torqueare	turser	t-u-r-s-ay-r
ToFall	kɛɪʁ	k-ahh-e-er
ToFall-Tumbare	tɔ̃baʁ	t-on-b-ah-rr
ToGive	daʁ	d-ah-rr
ToGive-Donare	doa	d-oh-ah
ToHold	teʁ	t-ay-rr
ToHold-Segurar	siguraʁ	s-eee-g-u-er-ah-rr
ToSqueeze	ɪʃpʁɛmɛʁ	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	sɛʁa	s-ay-rr-ah
ToSqueeze-Serare	sɪʁaʁ	s-eee-rr-ah-er
ToSqueeze-Appetoreare	ɛpɪtaʁ	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	ɔ̃ʃtɪʒɪʁ	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	ɪʃfɪʁɪgaʁ	eee-shh-f-er-eee-g-ah-er
ToWash	lɛvaʁ	l-ahh-v-ah-er
ToWipe-Exsucare	ɛʃʒugaʁ	ehn-shh-u-g-ah-er
ToWipe-Limpidare	lɪpaʁ	l-een-p-ah-er
ToPull	ʃɪʁa	ts-e-er-ah
ToPull-Pulsare	pʊʃaʁ	p-u-shh-ah-er
ToPull-Trahare	traze	t-er-ah-zz-ay
ToThrow	ʒɛjtaʁ	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	lɛsa	l-ahn-s-ah
ToTie-Aptare	ɛtaʁ	ahh-t-ah-er
ToSew	kuzɛʁ	k-u-zz-ay-er
ToCount	kɔ̃taʁ	k-on-t-ah-er
ToCount-Enumerare	enumɛraʁ	ay-n-u-m-ay-er-ah-er
ToSay	dɪʒɛʁ	d-e-zz-ay-er
ToSing-AncestralClass	kɛ̃taʁ	k-ahn-t-ah-er
ToPlay-Jiocare	ʒogaʁ	gzah-oh-g-ah-rr
ToFloat	flutuʁ	f-l-u-t-u-ah-rr
ToFlow	flwiʁ	f-l-w-e-rr

Appendix 4 - Word Lists by Language

ToFlow-Colare	koak	k-oh-ah-rr
ToFlow-Excurrere	ijkoek	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	koek	k-oh-rr-ay-rr
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	augmentar	au_diphthong-j-m-ay-n-t-ah-er
ToSwell-Inflare	ifjar	een-shh-ah-er
ToSwell-Intumescere	itumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kresck	k-er-ay-s-ay-rr
ToBurn-Cremare	kejmare	k-diphthong_portuguese-m-ah-er-ay
ToBurn-Ardere	akdek	ah-rr-d-ay-rr
ToBurn-Flagrare	flagkak	f-l-ah-j-rr-ah-rr
ToBurn-Incendere	isendziar	een-s-ay-n-VdPalatoAlveolarSibilant - NearCloseFrontUnrounded-ah-er
All-Totus	todu	t-oh-d-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	tetu	t-ahn-t-u
Some	awgũ	ah-w-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aw	ah-w
Big-Grandem	grẽdʒi	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lõgu	l-on-g-u
Long-Largum	laɣgu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ẽʃu	ahn-shh-u
Thick-Spissum	espesu	ay-s-p-eh-s-u
Thick-Grossum	grosu	g-er-oh-s-u
Heavy	gravi	g-er-ah-v-e
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Heavy-Pesant	pezadu	p-ay-zz-ah-d-u
Small-Pittinus	pekenu	p-ay-k-ay-n-u
Short	kuktu	k-u-rr-t-u
Short-Brevis	brevi	b-er-eh-v-e
Narrow-Strictus	istrejtũ	e-s-t-er-ẽj_diphthong-t-u
Thin	miudu	m-e-u-d-u
Thin-Delicatus	dewgadu	d-ay-w-g-ah-d-u
Thin-Subtilis	suffiũw	s-u-ts-e-w
Warm	kẽti	k-ehn-t-eee
Cold	friu	f-er-e-u
Full	fejũ	shh-diphthong_portuguese-u
New	novu	n-oh-v-u
Old	veʎu	v-ay-yuh-u
Good	bõ	b-on
Bad	maw	m-ah-w
Rotten	podri	p-oh-d-er-eee
Dirty	sužu	s-u-gzah-u
Straight	direjtũ	d-e-er-diphthong_portuguese-t-u
Round	ĩdõdu	rr-eee-d-on-d-u
SharpAsAKnife	ẽfiadu	ahh-f-e-ah-d-u
DullAsAKnife	segu	s-ay-g-u
Smooth	lizu	l-e-zz-u
Wet	umidu	u-m-e-d-u
Dry	seku	s-ay-k-u
Near	pektũ	p-ay-rr-t-u
Far	lõʒi	l-on-gzah-e
Right-Dextrem	destrũ	d-eh-s-t-er-u
Right-Directus	direjtẽ	d-e-er-diphthong_portuguese-t-ahh

Appendix 4 - Word Lists by Language

Left	ɪʃkerðə	eee-shh-k-ay-er-dd-ahh
Red	ʁoʃʊ	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	veʁmeʎu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	ruβeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɐmaɾɛlu	ahh-m-ah-er-eh-l-u
White	awvu	ah-w-v-u
Black	negru	n-ay-g-er-u
Black-Pretto	pretu	p-er-ay-t-u
One	ũ	ooo
Two-Duos	dojs	d-øj_diphthong-s
Two-Duas	dues	d-u-ahh-s
Three	tres	t-er-ay-s
Four	kwatru	k-w-ah-t-er-u
Five	siku	s-eeen-k-u
Here	aki	ah-k-e
There	la	l-ah
There-Adlbi	ai	ah-e
Who-Quem	kɛʃ	k-nasal_diphthong_portuguese1
What	ki	k-e
Where-Unde	õðʒi	on-VdPalatoAlveolarSibilant-e
When-Quando	kwɛ̃du	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nɛ̃w	n-au_diphthong_nasal
Not-Nec	nɛʃ	n-nasal_diphthong_portuguese1
At	a	ah
In-In	ɛʃ	nasal_diphthong_portuguese1
With-Cum	kõ	k-on
And-Et	i	e
If	si	s-e
Because-Quod	ki	k-e
Because-Proquid	purke	p-u-er-k-ay

Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nɔʃ	n-euh-shh
YouPlural	voʃ	v-oh-shh
They	eliʃ	ay-l-eee-shh
This	iftu	e-shh-t-u
That	ɛkilu	ahh-k-e-l-u
YouSingular	tu	t-u
YouSingular-VostramMercedem	vɔse	v-euh-s-ay
He	eli	ay-l-eee
Woman	femjɐ	f-ay-m-jg-ahh
Woman-Mulier	muʎer	m-u-yuh-ay-er
Woman-Domina	done	d-oh-n-ahh
ManHumanBeing	ɔmɛʃ	euh-m-nasal_diphthong_portuguese1
Child	ifɛti	een-f-ahn-t-eee
Child-Ninnus	nenɛʃ	n-ay-n-nasal_diphthong_portuguese1
Wife	ifpozɐ	eee-shh-p-oh-zz-ahh
Wife-Mulier	muʎer	m-u-yuh-ay-er
Husband	mɐɾiðu	m-ahh-er-e-dd-u
Husband-Sponsus	ifpozu	eee-shh-p-oh-zz-u
Mother	mɐʃ	m-nasal_diphthong_portuguese2

Appendix 4 - Word Lists by Language

Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bifɐ	b-e-shh-ahh
Fish-Piskem	pɛjʃi	p-diphthong_portuguese-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasɐru	p-ah-s-ahh-er-u
Dog	kɛw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sirpɛti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	sɛʎvɐ	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frutɐ	f-er-u-t-ahh
Seed-Sementis	simɛti	s-eee-m-ehn-t-eee
Seed-Granum	grɛw	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh
Leaf-Frondea	frɔsɐ	f-er-on-s-ahh
Root	ɛɛʃ	rr-ahh-e-shh
BarkOfATree	kɔrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtisɐ	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	ɛrvɐ	eh-er-v-ahh
Grass-Gramen	grɛmɐ	g-er-ahh-m-ahh
Rope-Restis	ɛɛʃti	rr-ay-shh-t-eee
Skin	kodiɐ	k-oh-d-e-ahh
Skin-Pellis	peʎi	p-ay-l-eee
Meat	karni	k-ah-er-n-eee
Meat-Vivenda	vivɛdɐ	v-e-v-ehn-d-ahh
Blood	sɛgi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun-Crassia	graʃɐ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kornu	k-oh-er-n-u
Tail	kawdɐ	k-ah-w-d-ahh
Feather-Penna	pɛnɐ	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	kɛβɛlu	k-ahh-bb-ay-l-u
Head	kɛβɛsɐ	k-ahh-bb-ay-s-ahh
Head-Testa	tɛʃtɐ	t-eh-shh-t-ahh
Ear	oreʃʎɐ	oh-er-diphthong_portuguese-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	nɛriʃ	n-ahh-er-e-shh
Mouth	bokɐ	b-oh-k-ahh
Tooth	dɛti	d-ehn-t-eee
Fingernail	ɥɛ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛrnɐ	p-eh-er-n-ahh
Knee-Genuculum	ʒwɛʎu	gzah-w-ahh-yuh-u
Hand	mɛw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛsɐ	p-ahn-s-ahh
Guts	ɛtrɛɲɛʃ	ehn-t-er-ahh-VdPalatalNasal-ahh-shh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ʃʃpadwɐ	e-shh-p-ah-d-w-ahh
Breast	sɛju	s-diphthong_portuguese-u
Breast-Pectus	pɛjtu	p-diphthong_portuguese-t-u

Appendix 4 - Word Lists by Language

Heart	kor	k-oh-er
Heart-Anima	almə	ah-l-m-ahh
Liver	fiyɐðu	f-e-juh-ahh-dd-u
Sun	sɔt	s-euh-ssha
Moon	luə	l-u-ahh
Star	ɪʃtrelə	eee-shh-t-er-ay-l-ahh
Water	agwə	ah-g-w-ahh
Rain	ʃuvə	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	ɾiu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sɛjfu	s-diphthong_portuguese-shh-u
Stone-Petra	pɛðrə	p-eh-dd-er-ahh
Sand	ɐrɛjə	ahh-er-diphthong_portuguese-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	tɛkə	t-eh-rr-ahh
Cloud	nuvẽj	n-u-v-nasal_diphthong_portuguese2
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kɛlizẽj	k-ahh-l-e-gzah-nasal_diphthong_portuguese2
Fog-Nebula	nev̩wə	n-eh-v-w-ahh
Fog-Tenebras	trɛvɛʃ	t-er-eh-v-ahh-shh
Fog-Fumata	fumasə	f-u-m-ah-s-ahh
Sky	sɛw	s-eh-w
Wind	vɛtu	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	sizɛʃ	s-een-zz-ahh-shh
Road	viə	v-e-ahh
Road-Strata	ɪʃtraðə	e-shh-t-er-ah-dd-ahh
Road-Camminus	kɛmɪnu	k-ahh-m-e-VdPalatalNasal-u
Mountain	mōti	m-on-t-eee
Mountain-Montanea	mōtɛpə	m-on-t-ahh-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diə	d-e-ahh
Day-Diurna	zɔɳna	gzah-euh-rr-n-ah
Year	ɐnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
ManMale	omẽj	oh-m-nasal_diphthong_portuguese1
ManHuman	omẽj	oh-m-nasal_diphthong_portuguese1
Tongue	liŋwə	l-een-g-w-ahh
ToDrink	biβer	b-eee-bb-ay-er
ToEat	kumer	k-u-m-ay-er
ToEat-Manducare	mɛzar	m-ahn-gzah-ah-er
ToBite	murðer	m-u-er-dd-ay-er
ToBite-Morsicare	musəgar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	kuʃpir	k-u-shh-p-e-er
ToVomit	vumitar	v-u-m-e-t-ah-er
ToBlow	suprar	s-u-p-er-ah-er
ToBreathe	ɾiʃpirar	rr-eee-shh-p-e-er-ah-er
ToLaugh	ɾir	rr-e-er
ToSee	ver	v-ay-er
ToHear	ovir	oh-v-e-er

Appendix 4 - Word Lists by Language

ToKnow-Sapere	səber	s-ahh-b-ay-er
ToKnow-Cognoscere	kuniser	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	kuɣitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	pēsar	p-ehn-s-ah-er
ToSmell-Sentire	sētir	s-ehn-t-e-er
ToSmell-Fragrare	ʃejrar	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	muker	m-u-rr-ay-er
ToKill-Mactare	metar	m-ahh-t-ah-er
ToFight-Battuere	beter	b-ahh-t-ay-er
ToHunt-Captiare	kəsar	k-ahh-s-ah-er
ToHit	puɣar	p-u-shh-ah-er
ToCut	siyar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	təɣar	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	køer	rr-ahh-ay-er
ToScratch-Rasare	kəzar	rr-ahh-zz-ah-er
ToScratch-Rasicare	køɣkar	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	kəvar	k-ahh-v-ah-er
ToDig-Excavare	ifkəvar	e-shh-k-ahh-v-ah-er
ToSwim	nəðar	n-ahh-dd-ah-er
ToSwim-Navigare	nəviyar	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er
ToWalk	kəminar	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ədar	ahn-d-ah-er
ToCome	vic	v-e-er
ToLieAsInABed	iftēder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zəzer	gzah-ahh-zz-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand	iftar	eee-shh-t-ah-er
ToStand-Levare	livar	l-eee-v-ah-er
ToStand-Altiare	alsar	ah-ssha-s-ah-er
ToTurnIntransitive	turnar	t-u-er-n-ah-er
ToTurnIntransitive-Gyrare	zirar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zirar	gzah-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	kəir	k-ahh-e-er
ToFall-Tumbare	tōbar	t-on-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	duar	d-u-ah-er
ToHold	ter	t-ay-er
ToHold-Segurar	siyurar	s-eee-juh-u-er-ah-er
ToSqueeze	ifprəmer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sərar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sikar	s-eee-rr-ah-er
ToSqueeze-Appetorare	əpirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃtrīzir	aah-shh-t-r-eeen-gzah-e-r

Appendix 4 - Word Lists by Language

ToRub-Exfricare	iffriyar	eee-shh-f-er-eee-juh-ah-er
ToWash	lavar	l-ahh-v-ah-er
ToWipe-Exsucare	ẽfuyar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	lipar	l-een-p-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	pufar	p-u-shh-ah-er
ToPull-Trahere	trezer	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	l̃esar	l-ahn-s-ah-er
ToTie-Aptare	etar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kōtar	k-on-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kētar	k-ahn-t-ah-er
ToPlay-Jiocare	zuyar	gzah-u-juh-ah-er
ToFloat	flutuar	f-l-u-t-u-ah-er
ToFlow	flwir	f-l-w-e-er
ToFlow-Colare	kuar	k-u-ah-er
ToFlow-Excurrere	ijkurer	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kuger	k-u-rr-ay-er
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	augmentar	au_diphthong-j-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	kriřser	k-er-eee-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	ĩsēdj̃ar	een-s-ehn-d-jg-ah-er
All-Totus	toðu	t-oh-dd-u
Many	mũj̃tu	m-ooo-jn-t-u
Many-Tantus	t̃etu	t-ahn-t-u
Some	atgũ	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	gr̃edi	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	ẽřu	ahn-shh-u
Thick	grařu	g-er-ah-shh-u
Thick-Spissum	ifpesu	e-shh-p-ay-s-u
Thick-Grossum	grosu	j-er-oh-s-u
Heavy	gravi	g-er-ah-v-eee
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Heavy-Pesant	pizaðu	p-eee-zz-ah-dd-u
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	iftrejt̃u	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	suffiw	s-u-ts-e-w
Warm	kēti	k-ehn-t-eee
Cold	friu	f-er-e-u

Appendix 4 - Word Lists by Language

Full	ʃɛju	shh-diphthong_portuguese-u
New	novu	n-oh-v-u
Old	veʎu	v-ay-yuh-u
Good	bõ	b-on
Bad	maw	m-ah-w
Rotten	podri	p-oh-d-er-eee
Dirty	suʒu	s-u-gzah-u
Straight	direktu	d-e-er-ay-k-t-u
Round	ʁidõdu	rr-eee-d-on-d-u
SharpAsAKnife	ɐfiadu	ahh-f-e-ah-d-u
DullAsAKnife	seɣu	s-ay-juh-u
Smooth	lizu	l-e-zz-u
Wet	umiõu	u-m-e-dd-u
Dry	seku	s-ay-k-u
Near	pertu	p-ay-er-t-u
Far	lõʒi	l-on-gzah-eee
Right-Dextrem	dɛʃtru	d-eh-shh-t-er-u
Right-Directus	dirɛjtɐ	d-e-r-diphthong_portuguese-t-ahh
Left	ɨʃkerðɐ	eee-shh-k-ay-er-dd-ahh
Red	ʁoʒu	rr-oh-shh-u
Red-Vermiculus	viʁmɛjʎu	v-eee-er-m-diphthong_portuguese-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɐmɐɾɛlu	ahh-m-ahh-er-eh-l-u
White	alvu	ah-l-v-u
Black	negru	n-ay-g-er-u
Black-Pretto	pretu	p-er-ay-t-u
One	ũ	ooo
Two-Duos	dojʃ	d-oj_diphthong-shh
Two-Duas	duɛʃ	d-u-ahh-shh
Three	trɛʃ	t-er-ay-shh
Four	kwatru	k-w-ah-t-er-u
Five	siku	s-eeen-k-u
Here	ɐki	ahh-k-e
There	la	l-ah
There-Adlbi	ɐi	ahh-e
Who-Quem	kɛʃ	k-nasal_diphthong_portuguese2
What	ki	k-eee
Where-Ubi	u	u
Where-Unde	õdi	on-d-eee
When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw	n-au_diphthong_nasal
Not-Nec	nɛʃ	n-nasal_diphthong_portuguese2
At	ɐ	ahh
In-In	ẽj	nasal_diphthong_portuguese2
With-Cum	kõ	k-on
And-Et	i	e
If	si	s-eee
Because-Quod	ki	k-eee
Because-Proquid	purki	p-u-er-k-eee

Catalan

Cognate	IPA	Sounds
l	ʒɔ	gzah-euh

Appendix 4 - Word Lists by Language

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
Husband	marit	m-ah-er-e-t
Husband-Sponsus	əspɔs	aah-s-p-euh-s
Mother	marə	m-ah-er-aah
Father	parə	p-ah-er-aah
Fish-Piskem	peʃ	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Avicellum	useʎ	u-s-ay-yuh
Dog	ka	k-ah
Louse	poʎ	p-oh-yuh
Snake	səɾpen	s-aah-r-p-ay-n
Worm	vɛɾm	v-eh-er-m
Tree	abrə	ah-b-er-aah
Forest	selba	s-ay-l-b-ah
Stick	pal	p-ah-l
Fruit	frujt	f-er-u-jg-t
Seed-Sementis	səmen	s-aah-m-ay-n
Seed-Granum	gra	g-er-ah
Leaf	fuʎə	f-u-yuh-aah
Root	ərel	aah-r-eh-l
BarkOfATree-Skortea	əskɔrsə	aah-s-k-euh-r-s-aah
Flower	flɔ	f-l-euh
Grass	erbə	ay-r-b-aah
Grass-Gramen	gram	g-er-ah-m
Skin	konnə	k-oh-n-n-aah
Skin-Pellis	peʎ	p-ay-yuh
Meat	karn	k-ah-r-n
Blood	saŋ	s-ah-nya
Bone	ɔs	euh-s
FatNoun-Crassia	greʃ	g-er-ay-shh
Egg	ɔw	euh-w
Horn	kɔrn	k-euh-r-n
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	peɾnə	p-eh-VdPalatalNasal-aah
Hair	pəl	p-eh-l
Hair-Capillus	kəbeʎ	k-aah-b-eh-yuh
Head	kap	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	ureʎə	u-er-eh-yuh-aah
Nose	nas	n-ah-s
Nose-Nares	na:ɾis	n-A-r-NearCloseFrontUnrounded-s
Mouth	bokə	b-oh-k-aah
Mouth-Gula	golə	j-oh-l-aah
Foot	pɛw	p-eh-w
Leg-Gamba	kambə	k-ah-m-b-aah
Leg-Perna	pɛrnə	p-eh-r-n-aah
Knee-Geniculum	ʒənoʎ	gzah-aah-n-oh-yuh

Appendix 4 - Word Lists by Language

Wing	alə	ah-l-aah
Belly	bentrə	b-ay-n-t-er-aah
Belly-Pantex	paŋfə	p-ah-VdPalatalNasal-shh-aah
Neck	kəʔ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaʔʔə	aah-s-p-ah-yuh-yuh-aah
Breast	si	s-e
Breast-Pectus	pit	p-e-t
Heart	kər	k-euh-r
Liver	fedʒə	f-ay-VdPalatoAlveolarSibilant-aah
Sun	səl	s-euh-l
Moon	ʔunə	yuh-u-n-aah
Star	əstəl	aah-s-t-eh-l
Water	ajɣwə	aj_diphthong-juh-w-aah
Rain	pluzə	p-l-u-gzah-aah
River-Rivus	riw	r-e-w
Lake	ʔak	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	nuβuʔ	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	ʒəl	gzah-eh-ssha
Ice-Glacies	glas	g-l-ah-s
Smoke	fum	f-u-m
Fire-Focus	fək	f-euh-k
Ash	sendrə	s-eh-n-d-r-aah
Road	biə	b-e-aah
Road-Camminus	kəmi	k-aah-m-e
Mountain	mun	m-u-n
Mountain-Montanea	muntəpə	m-u-n-t-ah-VdPalatalNasal-aah
Night	nit	n-e-t
Day	diə	d-e-aah
Day-Diurnus	ʒorn	gzah-oh-er-n
Year	aj	ah-VdPalatalNasal
Name-Nomen	nəm	n-euh-m
ManMale	omə	euh-m-aah
ToDrink	bəwrə	b-eh-w-er-aah
ToEat-Manducare	məpʒa	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəʒa	m-u-s-aah-juh-ah
ToSpit-Exconspuere	əskupi	aah-s-k-u-p-e
ToVomit	bumita	b-u-m-e-t-ah
ToBreathe	rəspira	r-aah-s-p-e-r-ah
ToLaugh	riwrə	r-e-w-er-aah
ToSee	bəwrə	b-eh-w-er-aah
ToHear	səŋʔi	s-aah-VdApicalDentalNasalStop-t-e
ToKnow-Sapere	səʔe	s-aah-bb-eh
ToKnow-Cognoscere	kunəʔə	k-u-n-eh-shh-aah
ToThink	kujda	k-u-jg-d-ah

Appendix 4 - Word Lists by Language

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
ToFight	puna	p-u-VdPalatalNasal-ah
ToFight-Battuere	batrə	b-ah-t-er-aah
ToHunt-Captiare	kəsa	k-aah-s-ah
ToCut	səya	s-aah-juh-ah
ToCut-Taliare	təla	t-aah-yuh-ah
ToSplit	dibidi	d-e-b-e-d-e
ToSplit-Findere	fəndrə	f-eh-n-d-er-aah
ToSplit-Partire	pərti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab	puni	p-u-VdPalatalNasal-e
ToScratch	rawrə	r-ah-w-er-aah
ToScratch-Rasare	rəza	r-aah-zz-ah
ToScratch-Rasicare	rəska	r-aah-s-k-ah
ToDig-Cavare	kəba	k-aah-b-ah
ToSwim	nəda	n-aah-d-ah
ToSwim-Navigare	nəbəga	n-aah-b-aah-g-ah
ToFly	bula	b-u-l-ah
ToWalk	kəmina	k-aah-m-e-n-ah
ToCome	bəni	b-aah-n-e
ToLieAsInABed	əstendrə	aah-s-t-ay-n-d-er-aah
ToLieAsInABed-lacere	zawrə	gzah-ah-w-er-aah
ToStand	əsta	aah-s-t-ah
ToStand-Levare	ləba	yuh-aah-b-ah
ToStand-Altiare	əlsa	aah-l-s-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Gyrare	zira	gzah-e-er-ah
ToTurnIntransitive-AncestralClass3	bira	b-e-er-ah
ToTurnIntransitive-Torquere	tərsə	t-euh-r-s-aah
ToFall	kawrə	k-ah-w-r-aah
ToFall-Tumbare	tumba	t-u-m-b-ah
ToGive	dar	d-ah-r
ToGive-Donare	duna	d-u-n-ah
ToHold	təni	t-aah-n-e
ToSqueeze	əspremə	aah-s-p-er-ay-m-aah
ToSqueeze-Serrere	səra	s-aah-r-ah
ToSqueeze-Stringere	əstreɲə	aah-s-t-er-eh-VdPalatalNasal-aah
ToRub	frəga	f-er-aah-g-ah
ToRub-Frictiare	frəsa	f-er-aah-s-ah
ToWash	ləba	yuh-aah-b-ah
ToWipe-Extergere	əstərzi	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	əʃuga	aah-shh-u-g-ah
ToPull	tira	t-e-er-ah
ToPull-Trahere	trəwrə	t-er-eh-w-er-aah
ToPush	əmpɛɲə	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	lənsa	yuh-aah-n-s-ah

Appendix 4 - Word Lists by Language

ToTie	liya	yuh-e-juh-ah
ToSew	kuzi	k-u-zz-e
ToCount	kumta	k-u-m-t-ah
ToCount-Enumerare	enumera	ay-n-u-m-ay-er-ah
ToSay	di	d-e
ToSing-AncestralClass	kənta	k-aah-n-t-ah
ToPlay-Jiocare	zuga	gzah-u-g-ah
ToFloat	fluktua	f-l-u-k-t-u-ah
ToFlow	flui	f-l-u-e
ToFlow-Colare	kula	k-u-ssha-ah
ToFlow-Excurrere	əskorə	aah-s-k-oh-r-aah
ToFlow-Currere	korə	k-oh-r-aah
ToFreeze	zəla	gzah-aah-l-ah
ToFreeze-Glaciare	gləsa	g-l-aah-s-ah
ToSwell	augmenta	ah-u-j-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	əlqu	aah-l-g-u
Few	pək	p-euh-k
Other	altrə	ah-l-t-er-aah
Big-Grandem	gran	j-r-ah-n
Long-Longum	loŋ	yuh-oh-nya
Long-Largum	lark	yuh-ah-er-k
Wide-Amplum	amplə	ah-m-p-l-aah
Thick	gras	g-er-ah-s
Thick-Spissum	əspes	aah-s-p-eh-s
Thick-Grossum	grəs	g-er-euh-s
Heavy	grew	g-er-ay-w
Heavy-Pesant	pəzat	p-aah-zz-ah-t
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	mənūt	m-aah-n-u-t
Thin-Delicatus	dəlikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Cold	fret	f-er-eh-t
Full	płe	p-ssha-eh
New	nōw	n-euh-w
Old	bελ	b-eh-yuh
Good	bōn	b-euh-n
Bad	mał	m-ah-ssha
Rotten	puđrit	p-u-dd-er-e-t
Dirty	brut	b-er-u-t
Straight	rektə	r-eh-k-t-aah
Round	ruđo	r-u-dd-oh
SharpAsAKnife	əfilat	aah-f-e-l-ah-t
Smooth	lis	yuh-e-s
Wet	mułat	m-u-yuh-ah-t
Dry	sek	s-eh-k
Near	əprəp	aah-p-er-euh-p

Appendix 4 - Word Lists by Language

Far	ʎuɹ	yuh-u-VdPalatalNasal
Right-Dextrem	destrə	d-ay-s-t-er-aah
Right-Directus	dræt	d-er-eh-t
Left	əskərə	aah-s-k-eh-r-aah
Red	ros	r-oh-s
Red-Vermiculus	bərmeɫ	b-aah-r-m-eh-yuh
Red-Rubeus	rudʒe	r-u-VdPalatoAlveolarSibilant-ay
Green	vɛrt	v-eh-er-t
Yellow-Croceus	grək	j-er-euh-k
White	alb	ah-l-b
Black	nɛɣrə	n-eh-juh-er-aah
One	un	u-n
Two-Duos	dos	d-oh-s
Three	trɛs	t-r-eh-s
Four	kwatrə	k-w-ah-t-er-aah
Five	siŋk	s-e-nya-k
Here	aki	ah-k-e
There	əʎa	aah-yuh-ah
Who-Qui	ki	k-e
What	kɛ	k-eh
Where-Unde	on	oh-n
When-Quando	kwan	k-w-ah-n
How-Quomodo	kɔm	k-euh-m
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	ən	aah-n
In-Deintus	dins	d-e-n-s
And-Et	i	e
If	si	s-e
Because-Quod	kə	k-aah
Because-Proquid	pərke	p-aah-r-k-eh

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	sʝɛɾpɛ	s-jg-eh-rr-p-ehn
Worm	vʝɛɾ	v-jg-eh-VIUvularTrill
Tree	o:b	O-b
Fruit	fry	f-VIUvularTrill-eeh
Seed-Sementis	simɛs	s-e-m-ehn-s
Seed-Granum	grin	j-r-e-n

Appendix 4 - Word Lists by Language

Leaf	fəj	f - euh - jg
Root-Radicina	re:sen	VIUvularTrill-eh-s-ch-n
BarkOfATree-Skortea	skwas	s-k-w-ah-s
Flower	flø:ɤ	f-l-o-rr
Grass	jep	jg-eh-p
Skin-Pellis	pja	p-jg-ah
Meat	ʃɔ:	ts-LongOpenMidBackRounded
Blood	sɔ:g	s-LongCloseMidBackRoundedNasal-j
Bone	ɔʃ	euh-shh
FatNoun-Crassia	krɔ:ɕ	k-VIUvularTrill-LongOpenMidBackRounded-sh
Egg	u:	U
Horn	kwɛn	k-w-eh-n
Tail	kɔw	k-euh-w
Feather	plɔm	p-l-euh-m
Feather-Penna	pen	p-ay-n
Hair-Capillus	ʃivja	ts-e-v-jg-ah
Head-Testa	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	gɔ:j	g-o-jg
Tooth	dē	d-ehn
Fingernail	ōg	on-j
Foot	pi:	p-E
Leg-Gamba	dʒāp	VdPalatoAlveolarSibilant-an-p
Knee-Genuculum	dʒinɔ	VdPalatoAlveolarSibilant-e-n-euh
Hand	mē	m-ehn
Wing	el	ay-l
Belly	vēt	v-ehnn-t
Belly-Pantex	pās	p-an-s
Back	dɔ	d-euh
Back-Spatula	spal	s-p-ah-l
Heart	ku:ɤ	k-U-rr
Heart-Anima	ɔ:m	LongOpenMidBackRounded-m
Liver	fɔ:t	f-o-t
Sun	sɔlɔ	s-euh-l-euh
Moon	lɔn	l-uu-n
Star	stɔ:l	s-t-o-l
Water	ɛ:w	Eh-w
Rain	plu:ɤ	p-l-U-rr
River-Riparia	rivi:ɤ	r-e-v-E-rr
Lake	lak	l-ah-k
Sea	meɤ	m-ay-rr
Salt	se	s-ay
Stone-Petra	pi:ɤ	p-E-rr
Sand-Sabulum	so:vjō	s-O-v-jg-on
Earth	tɛ:ɤ	t-Eh-rr
Sky	si:ɤ	s-E-rr
Wind	vē	v-ehn
Snow	ni:f	n-E-f
Ice-Glacies	glɛs	j-l-eh-s
Fire-Focus	fɔ:	f-o
Ash	sē:d	s-LongNasalE-d
Mountain-Montanea	mōtəɲ	m-on-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	dʒu:	VdPalatoAlveolarSibilant-U

Appendix 4 - Word Lists by Language

Day-Diurnus	d̥ɟu:	VdPalatoAlveolarSibilant-U
Year	ɑ	NasalA
Name-Nomen	nõ	n-on
Tongue	l̥eu	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
ToBreathe	ʁɛspiʁe	rr-eh-s-p-e-rr-ay
ToLaugh	ʁi:ʁ	rr-E-rr
ToSee	ve'ji:	v-eh-jg-E
ToHear	o'ji:	euh-jg-E
ToKnow-Sapere	savø:ʀ	s-ah-v-o-VIUvularTrill
ToKnow-Cognoscere	kinɔh	k-e-n-euh-h
ToThink-Pensare	p̥ɛse	p-ehnn-s-ay
ToSmell-Sentire	seti	s-ehnn-t-e
ToSleep	dwaʁmi	d-w-ah-rr-m-e
ToDie	mɔri	m-euh-VIUvularTrill-e
ToKill-Tutari	tuwe	t-u-w-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHunt-Captiare	ʃɛsi:	ts-eh-s-E
ToCut-Taliare	tɛji:	t-eh-jg-E
ToSplit-Findere	fɛt	f-ehnn-t
ToSplit-Partire	pɔ:rti	p-LongOpenMidBackRounded-VIUvularTrill-t-e
ToDig-Cavare	çɑ:vle	sh-aay-v-l-ay
ToSwim-Navigare	nɛdʒi:	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vole	v-euh-l-ay
ToWalk	ʃimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:ʀʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-lacere	dʒere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	ɛs	eh-s
ToStand-Levare	løve	l-aah-v-ay
ToStand-Altiare	hɔ:si:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:rne	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	vike	v-e-rr-ay
ToFall	ʃfɛ:ʀ	ts-Eh-VIUvularTrill
ToFall-Tumbare	tume	t-u-m-ay
ToGive-Donare	dine	d-e-n-ay
ToHold	tini	t-e-n-e
ToSqueeze-Serare	sere	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-j-ay
ToRub	froj	f-r-oj_diphthong
ToRub-Frictare	frote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	suwe	s-u-w-ay
ToPull	tire	t-e-r-ay
ToPull-Pulsare	pu:si:	p-U-s-E
ToThrow	dʒete	VdPalatoAlveolarSibilant-eh-t-ay
ToThrow-Lanceare	lanci:	l-ah-n-tya-E
ToTie	lɔji:	l-euh-jg-E
ToSew	kø:z	k-o-zz
ToCount	kôte	k-on-t-ay
ToSay	di:ʁ	d-E-rr
ToSing-AncestralClass	ʃãte	ts-NasalA-t-ay
ToPlay-Jiocare	d̥ɟuwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	kole	k-euh-l-ay

Appendix 4 - Word Lists by Language

ToFreeze	dʒale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell-Inflare	ẽfle	ehn-f-l-ay
ToSwell-Conflare	gõfle	g-on-f-l-ay
ToBurn-Brojan	bʁu:le	b-rr-U-l-ay
All-Totus	tə	t-euh
Few	põ	p-on
Other	õt	on-t
Big-Grandem	gʁã	j-rr-NasalA
Long-Longum	lõ	l-on
Thick-Spissum	spe	s-p-eh
Heavy	grav	j-r-ah-v
Small	piti	p-e-t-e
Short	ku:ʁ	k-U-rr
Short-Brevis	bʁef	b-rr-ay-f
Narrow-Strictus	stʁø:	s-t-rr-o
Thin	minu	m-e-n-u
Thin-Subtilis	su:ti	s-U-t-e
Cold	fʁø:	f-rr-o
Full	plẽ	p-l-ehn
New	no've	n-euh-v-eh
Old	vi:	v-E
Good	bõ	b-on
Bad	mo:	m-O
Rotten	pu:'ʁi	p-U-rr-e
Dirty	mo:si:	m-O-s-E
Straight	drø:	d-r-o
Round	rõ	r-on
SharpAsAKnife	kuʁa'hã	k-ohh-ah-h-an
Smooth	lis	l-e-s
Wet	mu'ji:	m-u-jg-E
Dry	sɛʃ	s-eh-ts
Near	pre	p-r-eh
Far	lõ	l-on
Right-Directus	drø:t	d-r-o-t
Left	go:ʃ	j-O-shh
Red-Rubeus	rɔʃ	r-euh-ts
Green	vɛʁ	v-eh-rr
Yellow	dʒen	VdPalatoAlveolarSibilant-eh-n
Black	nø:ʁ	n-o-rr
One	õ	on
Two-Duos	dø:	d-o
Three	trø:	t-r-o
Four	kwat	k-w-ah-t
Five	sɛk	s-ehn-k
There	la	l-ah
Who-Qui	ki:	k-E
What	kwe:	k-w-Eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	kɔmẽ	k-euh-m-ehnn
Not-Nec	nẽ	n-ehn
With-Abhoc	avu	ah-v-u
And-Et	ɛ	eh
Because-Quod	ki:	k-E

Friulian

Appendix 4 - Word Lists by Language

Cognate	IPA	Sounds
I	jo	jg-oh
We	no:	n-O
YouPlural	vo:	v-O
YouSingular	tu	t-u
Woman	femine	f-ch-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	uʃʃɛl	u-ts-jg-ch-l
Dog	can	tya-ah-n
Louse	pedoli	p-ay-d-oh-l-e
Snake	sarpint	s-ah-r-p-e-n-t
Worm	vjer	v-jg-eh-r
Tree	arbul	ah-r-b-u-l
Forest	selve	s-eh-l-v-ay
Stick	pa:l	p-A-l
Fruit	frut	f-r-u-t
Seed-Sementis	semenʃe	s-ay-m-eh-n-ts-eh
Seed-Granum	gran	j-r-ah-n
Leaf	fwee	f-w-ay-ay
BarkOfATree-Skortea	skwartse	s-k-w-ah-r-VAlveolarSibilantAffricate-ay
Flower	flo:r	f-l-O-r
Grass	jarbe	jg-ah-r-b-ay
Skin-Pellis	pjel	p-jg-eh-l
Meat	ca:r	tya-A-r
Blood	saŋk	s-ah-nya-k
Bone	vwɛs	v-w-eh-s
Egg	u:f	U-f
Horn	kwa:r	k-w-A-r
Tail	kɔde	k-euh-d-eh
Feather	plume	p-l-u-m-eh
Feather-Penna	pene	p-eh-n-ay
Hair	pe:l	p-ai-l
Hair-Capillus	cavej	tya-ah-v-ej_diphthong
Head	ca:f	tya-A-f
Head-Testa	tɛste	t-eh-s-t-ay
Ear	orele	oh-r-ay-l-ay
Eye	voli	v-oh-l-e
Nose	na:s	n-A-s
Mouth	bɔce	b-euh-tya-eh
Mouth-Gula	gole	j-euh-l-ay
Tooth	dint	d-e-n-t
Fingernail	ɔŋgule	euh-nya-j-u-l-eh
Foot	pi:t	p-E-t
Leg-Gamba	jambe	VdPalatalStop-ah-m-b-ay
Leg-Petiolus	pekol	p-eh-k-oh-l
Knee-Geniculum	dʒenoli	VdPalatoAlveolarSibilant-ay-n-oh-l-e

Appendix 4 - Word Lists by Language

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-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	stɛle	s-t-eh-l-ay
Water	age	ah-j-ay
Rain	ploje	p-l-oh-jg-ay
River	flum	f-l-u-m
Lake	la:t	l-A-t
Sea	ma:r	m-A-r
Salt	sa:l	s-A-l
Stone-Petra	pje:re	p-jg-ai-r-ay
Sand-Sabulum	savalɔn	s-ah-v-ah-l-euh-n
Dust	pɔlvar	p-euh-l-v-ah-r
Earth	tjere	t-jg-eh-r-ay
Cloud-Secondary	nu:l	n-U-l
Fog-Fumata	fumate	f-u-m-ah-t-ay
Sky	ʃi:l	ts-E-l
Wind	'vint	v-e-n-t
Snow	ne:f	n-ai-f
Ice-Glacies	glafɛ	j-l-ah-ts-ay
Smoke	fum	f-u-m
Fire-Focus	fu:k	f-U-k
Ash-Cinisia	ʃʒinize	ts-e-n-e-zz-eh
Mountain	mɔnt	m-euh-n-t
Mountain-Montanea	mɔntape	m-euh-n-t-ah-VdPalatalNasal-ay
Night	not	VdPalatalNasal-euh-t
Day	di	d-e
Day-Diurnata	ɖɔrnade	VdPalatoAlveolarAffricate-oh-r-n-ah-d-ay
Year	aŋ	ah-nya
Name-Nomen	nɔŋ	n-euh-nya
Tongue	'lengɛ	l-eh-n-j-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
ToVomit	gomita:	j-oh-m-e-t-A
ToBreathe	respira:	r-ay-s-p-e-r-A
ToLaugh	'ridi	r-e-d-e
ToSee	'vjodi	v-jg-oh-d-e
ToHear	sin'ti	s-e-n-t-e
ToKnow-Sapere	save:	s-ah-v-ai
ToKnow-Cognoscere	koposi	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

Appendix 4 - Word Lists by Language

ToSleep	durmi:	d-u-r-m-E
ToLive	vivi	v-e-v-e
ToDie	muri:	m-u-r-E
ToKill-Mactare	maŋa:	m-ah-ts-A
ToFight-Battuere	bati	b-ah-t-e
ToHunt-Captiare	caŋa:	tya-ah-ts-A
ToHit	pulsa:	p-u-l-s-A
ToCut	sea:	s-ay-A
ToCut-Excurtare	skurta:	s-k-u-r-t-A
ToCut-Taliare	taja:	t-ah-jg-A
ToSplit	dividi	d-e-v-e-d-e
ToSplit-Partire	parti:	p-ah-r-t-E
ToSplit-Separare	separa:	s-ay-p-ah-r-A
ToScratch	rada:	r-ah-d-A
ToScratch-Rasare	rasa:	r-ah-s-A
ToDig-Cavare	java:	VdPalatalStop-ah-v-A
ToDig-Excavare	zjava:	zz-VdPalatalStop-ah-v-A
ToSwim	nada:	n-ah-d-A
ToSwim-Navigare	naviga:	n-ah-v-e-j-A
ToFly-Exvolare	zvola:	zz-v-oh-l-A
ToWalk	camina:	tya-ah-m-e-n-A
ToCome	viji:	v-e-VdPalatalNasal-E
ToLieAsInABed-lacere	jesi	jg-ay-s-e
ToSit-Sedentare	senta:	s-ay-n-t-A
ToStand	sta:	s-t-A
ToStand-Levare	leva:	l-ay-v-A
ToStand-Altiare	altja:	ah-l-t-shh-A
ToTurnIntransitive	torna:	t-oh-r-n-A
ToTurnIntransitive-Gyrate	djira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	djira:	VdPalatoAlveolarSibilant-e-r-A
ToFall	ŋjade	ts-jg-ah-d-ay
ToGive	da:	d-A
ToHold	tinji	t-e-n-jg-e
ToSqueeze	esprimi	ay-s-p-r-e-m-e
ToSqueeze-Stringere	strengi:	s-t-r-eh-n-j-E
ToRub	frea	f-r-ay-ah
ToWash	lava:	l-ah-v-A
ToWipe-Exsucare	suja:	s-u-jg-A
ToPull	tira:	t-e-r-A
ToPull-Pulsare	pulsa:	p-u-l-s-A
ToPull-Trahere	traj	t-r-aj_diphthong
ToThrow-Lanceare	lanŋa:	l-ah-n-ts-A
ToTie	lea:	l-ay-A
ToSew	kuzi	k-u-zz-e
ToCount	konta:	k-oh-n-t-A
ToSay	di:	d-E
ToSing-AncestralClass	canta:	tya-ah-n-t-A
ToPlay-Jiocare	djuja:	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Excurrere	skori:	s-k-oh-r-E
ToFlow-Currere	kori	k-oh-r-e
ToFreeze-Glaciare	glatja:	j-l-ah-ts-A
ToSwell-Inflare	enfla:	ay-n-f-l-A
ToSwell-Conflare	zglonfa:	zz-j-l-oh-nya-f-A
ToBurn-Brojan	bruza:	b-r-u-zz-A
All-Totus	dut	d-u-t
Many	molc	m-oh-l-tya
Many-Tantus	tanc	t-ah-n-tya

Appendix 4 - Word Lists by Language

Few	po:k	p-O-k
Other	altri	ah-l-t-r-e
Big-Grandem	grant	j-r-ah-n-t
Long-Longum	lunk	l-u-n-k
Long-Largum	lark	l-ah-r-k
Thick	gras	j-r-ah-s
Thick-Grossum	grwes	j-r-w-eh-s
Heavy	grēvi	j-r-eh-v-e
Heavy-Pesant	pezant	p-ay-zz-ah-n-t
Small-Pitulus	piʃful	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
Cold	'fre:t	f-r-ai-t
Full	'plɛŋ	p-l-eh-nya
New	'nu:f	VdPalatalNasal-U-f
Old	'vjeri	v-jg-ay-r-e
Good	bɔŋ	b-euh-nya
Bad	trist	t-r-e-s-t
Rotten	'frajt	f-r-aj_diphthong-t
Dirty	spɔrk	s-p-euh-r-k
Straight	'dret	d-r-eh-t
Round	ta'rɔnt	t-ah-r-euh-n-t
SharpAsAKnife	u'ʃa:t	u-ts-A-t
Smooth	slis	s-l-e-s
Wet	ba'na:t	b-ah-VdPalatalNasal-A-t
Dry	sek	s-eh-k
Near	'dɔŋje	d-euh-nya-VdPalatalStop-eh
Far	lon'taŋ	l-oh-n-t-ah-nya
Right-Directus	'dret	d-r-eh-t
Left	'ʃaŋ*ɸ	ts-ah-nywa-p
Red	rɔs	r-euh-s
Green	vert	v-eh-r-t
Black	neri	n-ay-r-e
One	uŋ	u-nya
Two-Duos	doj	d-oj_diphthong
Three	'tre:	t-r-ai
Four	kwatri	k-w-ah-t-r-e
Five	'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
And-Et	e	ay
Because-Quod	ke	k-ay

Romanian

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

Appendix 4 - Word Lists by Language

Woman	femeje	f-ay-m-ay-jg-ay
Woman-Mulier	mujere	m-u-jg-ay-r-ay
Woman-Domina	doam̩nə	d-midback_diphthong_romanian-m-n-aah
ManHumanBeing	om	oh-m
Wife-Mulier	mujere	m-u-jg-ay-r-ay
Husband	mər̩t	m-aah-r-e-t
Husband-Socius	sots	s-oh-VlAlveolarSibilantAffricate
Father-Tata	tatə	t-ah-t-aah
Animal	nəm̩aje	n-aah-m-ah-jg-ay
Fish-Piskem	pɛʃte	p-ay-shh-t-ay
Bird-Passerem	pasəre	p-ah-s-aah-er-ay
Dog	kijne	k-ij_diphthong-n-ay
Louse	pədukje	p-aah-d-u-k-jg-ay
Snake	ʃarpe	shh-ah-er-p-ay
Worm	vjerme	v-jg-ay-r-m-ay
Tree	arbore	ah-r-b-oh-r-ay
Stick	par	p-ah-er
Fruit	frukt	f-r-u-k-t
Seed-Sementis	səminʃə	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	rədəʃʃinə	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Skortea	skoart̩sə	s-k-midback_diphthong_romanian-er-VlAlveolarSibilantAffricate-aah
Flower	floare	f-l-midback_diphthong_romanian-er-ay
Grass	jarbə	jg-ah-er-b-aah
Rope	funje	f-u-n-jg-ay
Skin-Pellis	pjele	p-jg-ay-l-ay
Meat	karne	k-ah-er-n-ay
Blood	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	t̩sɛastə	VlAlveolarSibilantAffricate-midfront_diphthong_romanian-s-t-aah
Ear	ureke	u-r-ay-k-ay
Eye	oki	oh-kpalatal
Nose	nas	n-ah-s
Mouth	bukə	b-u-k-aah
Mouth-Gula	gurə	j-u-er-aah
Tooth	dinte	d-e-n-t-ay
Fingernail	ungje	u-n-j-jg-ay
Foot	piez	p-e-ay-zz
Leg-Gamba	gambə	g-ah-m-b-aah
Leg-Perna	gambə	g-ah-m-b-aah
Leg-Petiolus	piʃʃor	p-e-ts-jg-oh-r
Knee-Geniculum	dʒenunki	VdPalatoAlveolarSibilant-ay-n-u-n-kpalatal
Hand	minə	m-eee-n-aah
Belly	vintre	v-e-n-t-r-ay
Belly-Pantex	pintetʃe	p-eee-n-t-ay-ts-ay
Back	do	d-oh
Back-Spatula	spate	s-p-ah-t-ay

Appendix 4 - Word Lists by Language

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	VAlveolarSibilantAffricate-ah-r-aah
Cloud-Secondary	nor	n-oh-r
Fog-Nebula	negurə	n-ay-g-u-r-aah
Fog-Caecia	ʃeafə	ts-midfront_diphthong_romanian-ts-aah
Sky	ʃer	ts-ay-er
Wind	vint	v-eee-n-t
Snow	neǎ	n-midfront_diphthong_romanian
Ice	dʒer	VdPalatoAlveolarSibilant-ay-r
Ice-Glacies	geatsə	j-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
ManMale	bərbat	b-aah-er-b-ah-t
Tongue	limbă	l-e-m-b-aah
ToDrink	beǎ	b-midfront_diphthong_romanian
ToEat-Manducare	minka	m-eee-n-k-ah
ToBite-Morsicare	murseka	m-u-r-s-ay-k-ah
ToSuck	sudʒe	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	skujpa	s-k-u-jg-p-ah
ToVomit	avomita	ah-v-oh-m-e-t-ah
ToBreathe	arespira	ah-er-ay-s-p-e-er-ah
ToLaugh	aride	ah-er-eee-d-ay
ToSee	avedea	ah-v-ay-d-midfront_diphthong_romanian
ToHear	awzi	ah-w-zz-e
ToKnow	ʃti	shh-t-e
ToKnow-Cognoscere	kunoaʃte	k-u-n-midback_diphthong_romanian-shh-t-ay
ToThink	kudʒeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pəsa	p-aah-s-ah
ToSmell-Sentire	simtṣi	s-e-m-VAlveolarAffricate-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

Appendix 4 - Word Lists by Language

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	pundže	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	merdže	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome	veni	v-ay-n-e
ToLieAsInABed	ekstinde	ay-k-s-t-e-n-d-ay
ToLieAsInABed-lacere	zafjea	zz-aah-ts-midfront_diphthong_romanian
ToSit	jedeja	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	toarfe	t-midback_diphthong_romanian-r-ts-ay
ToFall	kadeja	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	strindže	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub	freka	f-r-ay-k-ah
ToWash	la	l-ah
ToWipe-Extergere	jterdže	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	uska	u-s-k-ah
ToPull-Pulsare	pulsa	p-u-l-s-ah
ToPull-Trahere	tradže	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush	impindže	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToThrow-Eruncare	arunka	ah-er-u-nya-k-ah
ToTie	lega	l-ay-j-ah
ToSew	coase	tya-midback_diphthong_romanian-s-ay
ToCount-Enumerare	numara	n-u-m-ah-r-ah
ToSay	zifje	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	skurdže	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdže	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetsa	eee-n-j-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	infjindže	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-j
Long-Largum	larg	l-ah-r-j
Wide	lat	l-ah-t
Thick	gras	g-r-ah-s
Thick-Grossum	gros	j-r-oh-s
Heavy	grew	j-er-ay-w

Appendix 4 - Word Lists by Language

Small-Pittinus	putsin	p-u-VIAlveolarSibilantAffricate-e-n
Narrow	ingust	eee-nya-j-u-s-t
Narrow-Strictus	strimt	s-t-r-eee-m-t
Thin	mərunt	m-aah-r-u-n-t
Thin-Subtilis	subtsire	s-u-b-VIAlveolarSibilantAffricate-e-r-ay
Cold	reffe	er-ay-ts-ay
Full	plin	p-l-e-n
New	now	n-oh-w
Old	vekç	v-ay-k-sh
Good	bun	b-u-n
Bad	rəw	er-aah-w
Rotten	putred	p-u-t-er-ay-d
Dirty	murdar	m-u-er-d-ah-er
Straight	drept	d-er-ay-p-t
Round	rotund	er-oh-t-u-n-d
SharpAsAKnife	askutsit	ah-s-k-u-t-s-e-t
Smooth	neted	n-ay-t-ay-d
Wet	ud	u-d
Dry	sek	s-ay-k
Near	aproape	ah-p-er-midback_diphthong_romanian-p-ay
Far	departe	d-ay-p-ah-er-t-ay
Right-Directus	drept	d-er-ay-p-t
Left	sting	s-t-eee-nya-j
Red	roju	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
Black	negru	n-ay-g-er-u
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	șînf	ts-e-n-ts
There	la	l-ah
Who-Quem	șîne	ts-e-n-ay
What	șe	ts-ay
Where-Ubi	juo	jg-u-oh
Where-Unde	unde	u-n-d-ay
When-Quando	kind	k-eee-n-d
How-Quomodo	kum	k-u-m
Not	nu	n-u
In-In	in	eee-n
With-Cum	ku	k-u
And-Et	e	ay
And-Si	și	shh-e
If	sə	s-aah
Because-Quod	kə	k-aah

Appendix 5 - Segment Groups

Pulmonic Consonants

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

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

Non-Pulmonic Consonants

Manner	Bilabial	Labio-Dental	Velar	Uvular	Pharyngeal-Epiglottal
Ejective, Stop					
Ejective, Fricative					
Ejective, Lateral, Fricative					
Tenuis, Click					
Nasal, Click					
Tenuis, Lateral, Click					
Implosive					

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

Appendix 5 - Segment Groups

Vowels

	Front	Near-Front	Central	Near-Back	Back
Close	i • y		ɨ		u • ʊ
Near-close		ɪ		ʊ	
Close-mid			ə		o • ɔ(w)
Mid					
Open-mid		œ • ɛ			ɔ
Near-open			ɐ		
Open		a	ɨj • ɨw		ɑ

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

Long Vowels

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

Pulmonic Affricates

Manner	Bilabial	Labio-Dental	Alveolar	Alveolo-Palatal	Palato-Alveolar	Velar	Uvular	Pharyngeal-Epiglottal	Glottal
Sibilant			ts	tʃ	tʃ				
Non-Sibilant									
Lateral									

Shaded areas denote articulations judged to be impossible.

Ejective Affricates

Manner	Bilabial	Labio-Dental	Pharyngeal-Epiglottal	Glottal
Central				
Lateral				

Shaded areas denote articulations judged to be impossible.

Appendix 5 - Segment Groups

Other Segments

e Close-mid Front Vowoid Vowel Continuant	g Velar Voiced Pulmonic Stop Occlusive
oː Mid Back Rounded Vowoid Long Vowel Continuant	ʒ Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant
ə Close-mid Central Vowel	j Palatal Voiced Pulmonic Fricative Obstruent Continuant
o Close-mid Back Rounded Vowoid Vowel Continuant	i Close Front Vowoid Vowel Continuant
w Labial-Velar Vowoid Semivowel Voiced Approximant Continuant	ɔ Open-mid Back Rounded Vowoid Vowel Continuant
dʒ Palato-Alveolar Voiced Sibilant Affricate	ɪ Near-close Near-Front Vowel
j Palatal Vowoid Semivowel Voiced Pulmonic Approximant Continuant	n Alveolar Voiced Pulmonic Nasal Occlusive
s Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	u Close Back Rounded Vowoid Vowel Continuant
ʃ Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	oj Mid Front Vowel Diphthong
v Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant	b Bilabial Voiced Pulmonic Stop Occlusive
iː Close Front Vowoid Long Vowel Continuant	ʌ Palatal Vowoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
l Alveolar Vowoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	r Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid
ɪ Close Central Vowel	h Glottal Pulmonic Fricative
k Velar Pulmonic Stop Occlusive	t Alveolar Pulmonic Stop Occlusive
a Open Near-Front Vowoid Vowel Continuant	ɐ Near-open Central Rounded Vowel
uː Close Back Rounded Long Vowel	y Close Front Rounded Vowoid Vowel Continuant
d Alveolar Voiced Pulmonic Stop Occlusive	f Labio-Dental Pulmonic Fricative Strident Obstruent Continuant
eː Mid Front Vowoid Long Vowel Continuant	m Bilabial Voiced Pulmonic Nasal Occlusive
ɾ Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	œ Open-mid Near-Front Rounded Vowoid Vowel Continuant
ɛ Open-mid Near-Front Vowoid Vowel Continuant	x Velar Pulmonic Fricative Obstruent Continuant
ʁ Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid	ɲ Palatal Voiced Pulmonic Nasal Occlusive
o Mid Front Vowel Diphthong	ẽj Mid Front Nasal Vowel Diphthong
a	ã Near-close Back Nasal Vowel
ɔ̃ Open-mid Back Rounded Nasal Vowel	ẽ Near-open Central Rounded Nasal Vowel
ĩ Close Front Nasal Vowel	

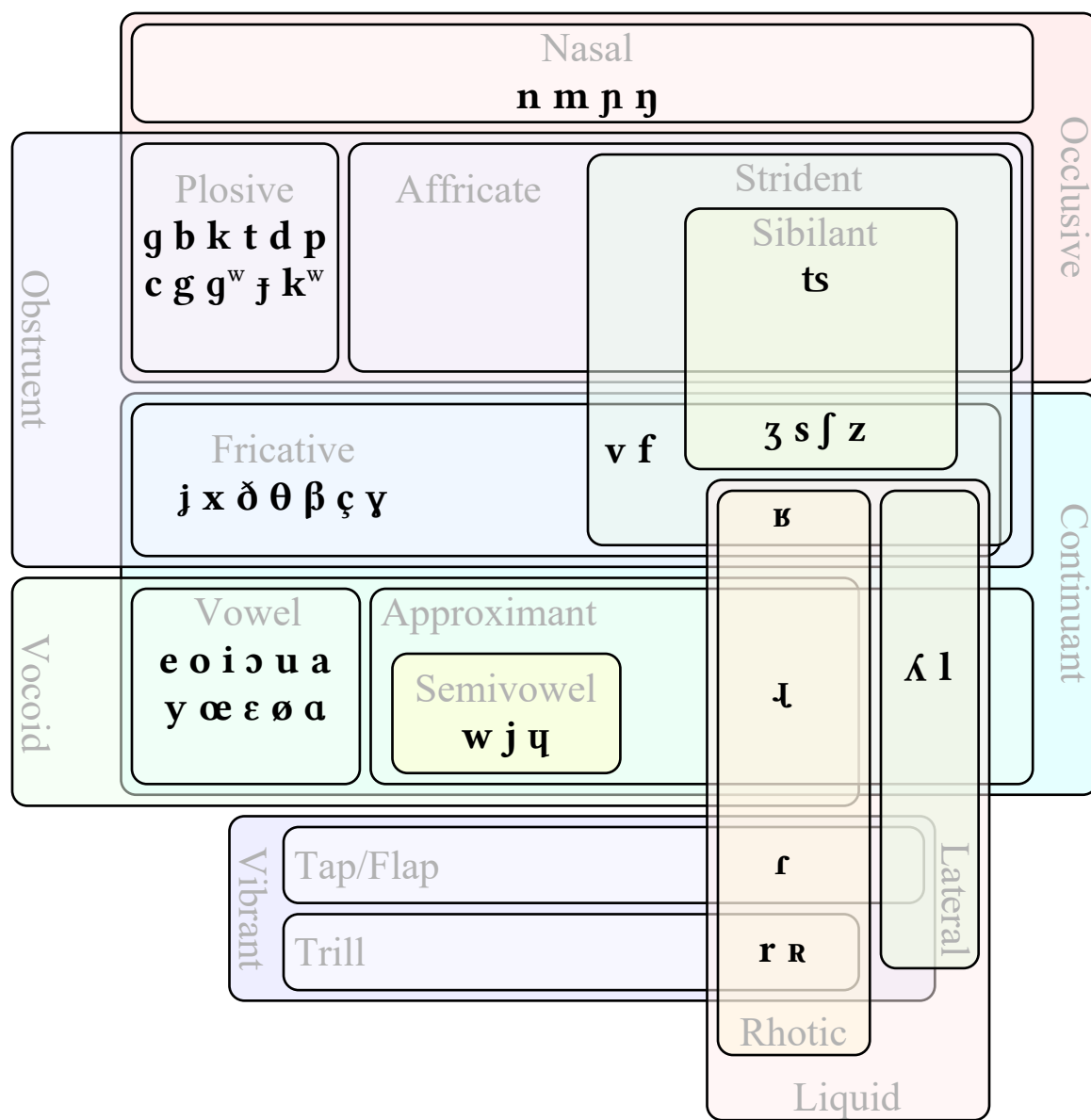
Appendix 5 - Segment Groups

ʈʃ Palato-Alveolar Pulmonic Sibilant Affricate	p Bilabial Pulmonic Stop Occlusive
z Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	ð Dental Voiced Pulmonic Fricative Obstruent Continuant
ʈʂ Alveolar Pulmonic Sibilant Affricate Occlusive Strident	aː Open Central Vocoid Long Vowel Continuant
ẽĩ Mid Front Nasal Vowel Diphthong	ʀ Uvular Pulmonic Trill Rhotic Vibrant Liquid
aj Mid Front Vowel Diphthong	ɛː Open-mid Near-Front Vocoid Long Vowel Continuant
θ Dental Pulmonic Fricative Obstruent Continuant	ej Mid Front Vowel Diphthong
ɐj Mid Front Vowel Diphthong	õ Close-mid Back Rounded Nasal Vowel
ẽ Open-mid Near-Front Nasal Vowel	ẽ Mid Front Nasal Vowel Diphthong
ẽ Close Back Nasal Vowel	Ẃ
ij Open Central Vowel Diphthong	c Palatal Pulmonic Stop Occlusive
ɭ Alveolar Voiced Velarized Pulmonic Lateral Approximant	β Bilabial Voiced Pulmonic Fricative Obstruent Continuant
g Velar Voiced Pulmonic Stop Occlusive	ɥ Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant
dz Alveolar Voiced Sibilant Affricate	i Open Central Vowel Diphthong
ɔː Open-mid Back Rounded Vocoid Long Vowel Continuant	w
ŋ Velar Voiced Pulmonic Nasal Occlusive	øː Open Front Rounded Vocoid Long Vowel
ç Palatal Pulmonic Fricative Obstruent Continuant	g Labial-Velar Voiced Pulmonic Stop Occlusive
ø Close-mid Front Rounded Vocoid Vowel Continuant	w
kʲ Palatal Pulmonic Stop	õː Close-mid Back Rounded Long Nasal Vowel
ʃ Palatal Voiced Pulmonic Stop Occlusive	a Mid Front Vowel Diphthong
ɣ Velar Voiced Pulmonic Fricative Obstruent Continuant	u Mid Front Vowel Diphthong
	e Mid Front Vowel Diphthong
	a Near-open Central Nasal Vowel
	ã Near-open Central Nasal Vowel
	ɑ Open Back Vocoid Vowel Continuant
	ɛj Mid Front Vowel Diphthong

Appendix 5 - Segment Groups

k w	Labial-Velar Pulmonic Stop Occlusive	ẽ:	Close Back Long Nasal Vowel
ẽ u	Mid Front Nasal Vowel Diphthong	o(w	Close-mid Back Rounded Vowel
u n	Dental Pulmonic Nasal Stop) tʃ	Alveolo-Palatal Pulmonic Sibilant Affricate
ts ɭ	Alveolar Affricate Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid	ũ	Open Back Nasal Vowel
ɰ j	Palatal Nasal Approximant	ɑ:	Open Back Long Vowel
d:	Alveolar Voiced Stop	œẽ	Open-mid Near-Front Rounded Nasal Vowel Diphthong
t:	Dental Pulmonic	k:	Velar Velarized Pulmonic
e	Close-mid Front Vowel	u	Close Back Rounded Vowel
ʊ	Near-close Near-Back Rounded Vowel	ŋ w	Labial Voiced Pulmonic Nasal Stop

Appendix 6 - Euler Feature Diagram



Appendix 7 - International Phonetic Alphabet

IPA Segments

ẽ	θ	β	ʈʃ
1EBD Close Back Nasal Vowel	03B8 Dental Pulmonic Fricative Obstruent Continuant	03B2 Bilabial Voiced Pulmonic Fricative Obstruent Continuant	02A7 Palato-Alveolar Pulmonic Sibilant Affricate
ʈʂ	ɖʒ	ɖʒ	ɟ
02A6 Alveolar Pulmonic Sibilant Affricate Occlusive Strident	02A4 Palato-Alveolar Voiced Sibilant Affricate	02A3 Alveolar Voiced Sibilant Affricate	029D Palatal Voiced Pulmonic Fricative Obstruent Continuant
ʒ	ʎ	ʊ	ʃ
0292 Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	028E Palatal Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	028A Near-close Near-Back Rounded Vowel	0283 Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant
ʁ	ʀ	ɾ	ɻ
0281 Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid	0280 Uvular Pulmonic Trill Rhotic Vibrant Liquid	027E Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	027B Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid
ɲ	ɭ	ɪ	ɨ
0272 Palatal Voiced Pulmonic Nasal Occlusive	026B Alveolar Voiced Velarized Pulmonic Lateral Approximant	026A Near-close Near-Front Vowel	0268 Close Central Vowel
ɸ	ɤ	ɣ	ʝ
0265 Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant	0263 Velar Voiced Pulmonic Fricative Obstruent Continuant	0261 Velar Voiced Pulmonic Stop Occlusive	025F Palatal Voiced Pulmonic Stop Occlusive
ɛ	ə	ɔ	ɑ
025B Open-mid Near-Front Vocoid Vowel Continuant	0259 Close-mid Central Vowel	0254 Open-mid Back Rounded Vocoid Vowel Continuant	0251 Open Back Vocoid Vowel Continuant

Appendix 7 - International Phonetic Alphabet

ɐ	ũ	œ	ŋ
0250	0169	0153	014B
Near-open Central Rounded Vowel	Open Back Nasal Vowel	Open-mid Near-Front Rounded Vowel Continuant	Velar Voiced Pulmonic Nasal Occlusive
ĩ	ø	õ	ð
0129	00F8	00F5	00F0
Close Front Nasal Vowel	Close-mid Front Rounded Vowel Continuant	Close-mid Back Rounded Nasal Vowel	Dental Voiced Pulmonic Fricative Obstruent Continuant
ç	ã	ʒ	y
00E7	00E3	007A	0079
Palatal Pulmonic Fricative Obstruent Continuant	Near-open Central Nasal Vowel	Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	Close Front Rounded Vowel Continuant
x	w	v	u
0078	0077	0076	0075
Velar Pulmonic Fricative Obstruent Continuant	Labial-Velar Vowel Semivowel Voiced Approximant Continuant	Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant	Close Back Rounded Vowel Continuant
t	s	r	p
0074	0073	0072	0070
Alveolar Pulmonic Stop Occlusive	Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	Bilabial Pulmonic Stop Occlusive
o	n	m	l
006F	006E	006D	006C
Close-mid Back Rounded Vowel Continuant	Alveolar Voiced Pulmonic Nasal Occlusive	Bilabial Voiced Pulmonic Nasal Occlusive	Alveolar Vowel Voiced Pulmonic Lateral Approximant Rhotic Liquid
k	j	i	h
006B	006A	0069	0068
Velar Pulmonic Stop Occlusive	Palatal Vowel Semivowel Voiced Pulmonic Approximant Continuant	Close Front Vowel Continuant	Glottal Pulmonic Fricative

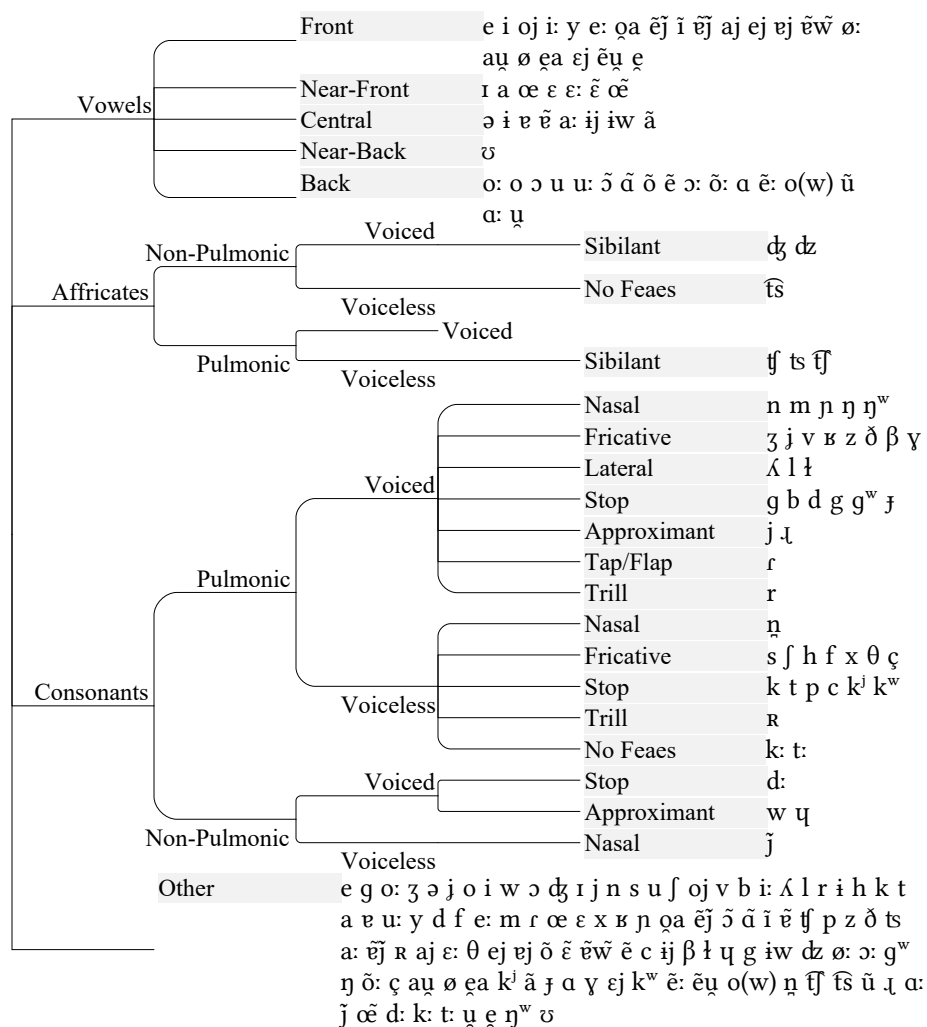
Appendix 7 - International Phonetic Alphabet

g	f	e	d
0067 Velar Voiced Pulmonic Stop Occlusive	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant	0065 Close-mid Front Vocoid Vowel Continuant	0064 Alveolar Voiced Pulmonic Stop Occlusive
c	b	a	ẽ:
0063 Palatal Pulmonic Stop Occlusive	0062 Bilabial Voiced Pulmonic Stop Occlusive	0061 Open Near-Front Vocoid Vowel Continuant	1EBD, 02D0 Close Back Long Nasal Vowel
ɪw	ij	g^w	ẽ
0268, 0077 Open Central Vowel Diphthong	0268, 006A Open Central Vowel Diphthong	0261, 02B7 Labial-Velar Voiced Pulmonic Stop Occlusive	025B, 0303 Open-mid Near-Front Nasal Vowel
ɛ:	ɛj	ĩ	ɔ:
025B, 02D0 Open-mid Near-Front Vocoid Long Vowel Continuant	025B, 006A Mid Front Vowel Diphthong	0254, 0303 Open-mid Back Rounded Nasal Vowel	0254, 02D0 Open-mid Back Rounded Vocoid Long Vowel Continuant
ã	ɑ:	ẽ	əj
0251, 0303 Near-close Back Nasal Vowel	0251, 02D0 Open Back Long Vowel	0250, 0303 Near-open Central Rounded Nasal Vowel	0250, 006A Mid Front Vowel Diphthong
œ	ŋ^w	ø:	õ:
0153, 0303 Open-mid Near-Front Rounded Nasal Vowel Diphthong	014B, 02B7 Labial Voiced Pulmonic Nasal Stop	00F8, 02D0 Open Front Rounded Vocoid Long Vowel	00F5, 02D0 Close-mid Back Rounded Long Nasal Vowel
ʊ	u:	t:	o:
0075, 032F Close Back Rounded Vowel	0075, 02D0 Close Back Rounded Long Vowel	0074, 02D0 Dental Pulmonic	006F, 02D0 Mid Back Rounded Vocoid Long Vowel Continuant

Appendix 7 - International Phonetic Alphabet

<p style="text-align: center;">oj</p> <p style="text-align: center;">006F, 006A</p> <p style="text-align: center;">Mid Front Vowel Diphthong</p>	<p style="text-align: center;">ɲ</p> <p style="text-align: center;">006E, 032A</p> <p style="text-align: center;">Dental Pulmonic Nasal Stop</p>	<p style="text-align: center;">kː</p> <p style="text-align: center;">006B, 02D0</p> <p style="text-align: center;">Velar Velarized Pulmonic</p>	<p style="text-align: center;">kʷ</p> <p style="text-align: center;">006B, 02B7</p> <p style="text-align: center;">Labial-Velar Pulmonic Stop Occlusive</p>
<p style="text-align: center;">kʲ</p> <p style="text-align: center;">006B, 02B2</p> <p style="text-align: center;">Palatal Pulmonic Stop</p>	<p style="text-align: center;">ɟ̃</p> <p style="text-align: center;">006A, 0303</p> <p style="text-align: center;">Palatal Nasal Approximant</p>	<p style="text-align: center;">iː</p> <p style="text-align: center;">0069, 02D0</p> <p style="text-align: center;">Close Front Vowel Long Vowel Continuant</p>	<p style="text-align: center;">e̞</p> <p style="text-align: center;">0065, 032F</p> <p style="text-align: center;">Close-mid Front Vowel</p>
<p style="text-align: center;">eː</p> <p style="text-align: center;">0065, 02D0</p> <p style="text-align: center;">Mid Front Vowel Long Vowel Continuant</p>	<p style="text-align: center;">ej</p> <p style="text-align: center;">0065, 006A</p> <p style="text-align: center;">Mid Front Vowel Diphthong</p>	<p style="text-align: center;">dː</p> <p style="text-align: center;">0064, 02D0</p> <p style="text-align: center;">Alveolar Voiced Stop</p>	<p style="text-align: center;">aː</p> <p style="text-align: center;">0061, 02D0</p> <p style="text-align: center;">Open Central Vowel Long Vowel Continuant</p>
<p style="text-align: center;">aj</p> <p style="text-align: center;">0061, 006A</p> <p style="text-align: center;">Mid Front Vowel Diphthong</p>	<p style="text-align: center;">ẽɯ</p> <p style="text-align: center;">1EBD, 0075, 032F</p> <p style="text-align: center;">Mid Front Nasal Vowel Diphthong</p>	<p style="text-align: center;">ẽɟ̃</p> <p style="text-align: center;">1EBD, 006A, 0303</p> <p style="text-align: center;">Mid Front Nasal Vowel Diphthong</p>	<p style="text-align: center;">tʃ</p> <p style="text-align: center;">0074, 0361, 0283</p> <p style="text-align: center;">Alveolo-Palatal Pulmonic Sibilant Affricate</p>
<p style="text-align: center;">t͡s</p> <p style="text-align: center;">0074, 0361, 0073</p> <p style="text-align: center;">Alveolar Affricate</p>	<p style="text-align: center;">oɑ</p> <p style="text-align: center;">006F, 032F, 0061</p> <p style="text-align: center;">Mid Front Vowel Diphthong</p>	<p style="text-align: center;">ea</p> <p style="text-align: center;">0065, 032F, 0061</p> <p style="text-align: center;">Mid Front Vowel Diphthong</p>	<p style="text-align: center;">aɯ</p> <p style="text-align: center;">0061, 0075, 032F</p> <p style="text-align: center;">Mid Front Vowel Diphthong</p>
<p style="text-align: center;">ẽw̃</p> <p style="text-align: center;">0250, 0303, 0077, 0303</p> <p style="text-align: center;">Mid Front Nasal Vowel Diphthong</p>	<p style="text-align: center;">ẽɟ̃</p> <p style="text-align: center;">0250, 0303, 006A, 0303</p> <p style="text-align: center;">Mid Front Nasal Vowel Diphthong</p>	<p style="text-align: center;">o(w)</p> <p style="text-align: center;">006F, 0028, 0077, 0029</p> <p style="text-align: center;">Close-mid Back Rounded Vowel</p>	

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	ˀ	No audible release	◌̤	Rhotic hook
-	Advanced tongue root	◌̥	Apical	ː	Extra low tone
☒	Low rising tone	◌̦	Less rounded	◌̪	Dental
˜	Velarized or Pharyngealized	↘	Global fall	◌̠	Velarized
ˈ	High tone	☒	High rising tone	h	Aspirated
j	Palatalized	˝	Creaky voiced	ˉ	Low tone
l	Lateral release	-	Mid tone	◌̹	Laminal
ᵐ	Linguo-Labial	n	Nasal release	◌̽	More rounded
ː	Lowered	◌̢	Retracted tongue root	↗	Global rise
☒	Rising falling tone	ˑ	Raised	ːː	Extra high tone
˚	Breathy voiced	◌̣	Voiced	w	Labialized
◌̥	Extra short	x	Mid-centralized	↓	Down-step
↑	Up-step	ːː	Long	˙	Half-long
	Indeterminacy in french vowels		Begin Non-segmental notation		End non-segmental notation
ʕ	Voiced epiglottal fricative	!	Post-alveolar click		Minor group
	Dental click		Major group		Alveolar lateral click
‡	Palatal click	◌̯	Voiceless descender	-	Combining macron
⏟	Tie-bar below	(Tie-bar above	†	Ready made combination
→	Becomes		Separator		

Appendix 10 - Languages

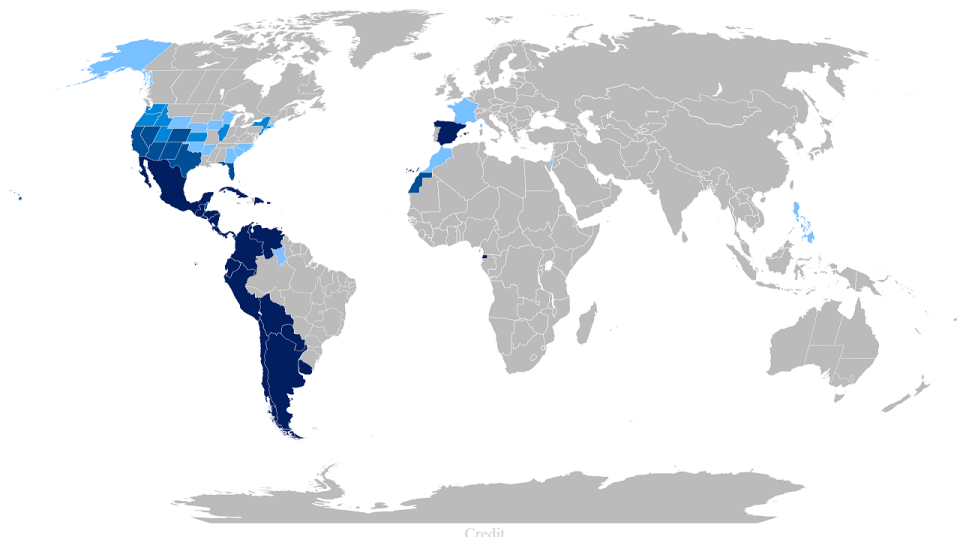
Latin



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

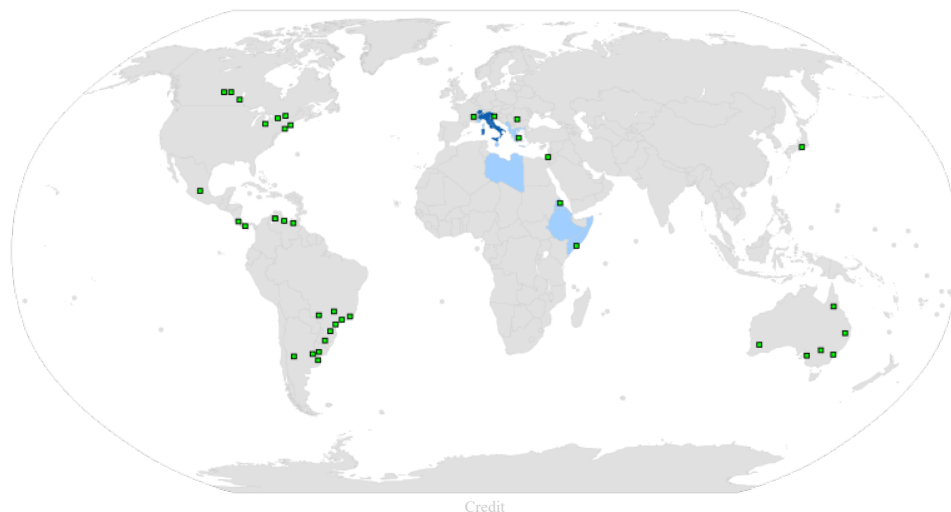
By the late Roman Republic (75 BC), Old Latin had been standardised into Classical Latin. Vulgar Latin was the colloquial form spoken at that time and attested in inscriptions and the works of comic playwrights like Plautus and Terence[3] and author Petronius. Late Latin is the written language from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

Spanish



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

Italian



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

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

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

Appendix 10 - Languages

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

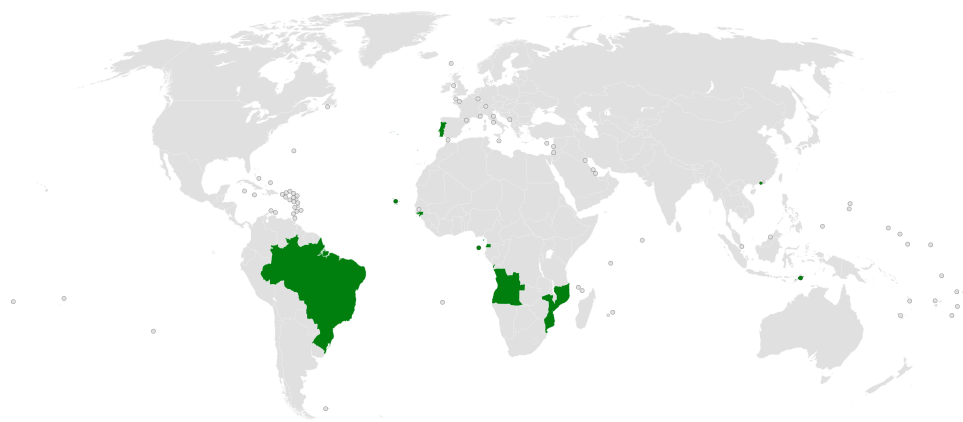
Brazilian Portuguese



Credit

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

Portuguese



Credit

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

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Catalan



Credit

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

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

Walloon



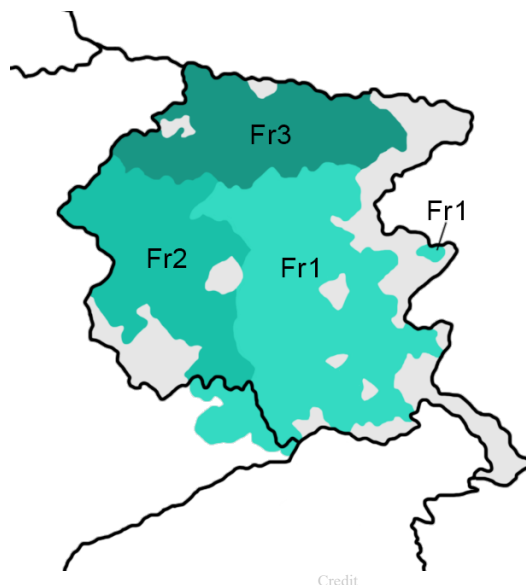
Credit

Appendix 10 - Languages

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

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

Friulian



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

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

Romanian



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

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