

Letter	Frequency %
m	4.2
n	4.0
o	3.9
p	3.9
q	3.8
r	3.8
s	3.7
t	3.6
u	3.0
v	3.0
w	2.9
x	2.8
y	2.7
z	2.6
a	2.5
b	2.4
c	2.0
d	1.9
e	1.9
f	1.8
g	1.7
h	1.6
i	1.5
j	1.4
k	1.3
l	1.2
o	1.1
p	1.0
q	0.9
r	0.9
s	0.8
t	0.8
u	0.7
v	0.7
w	0.7
x	0.7
y	0.7
z	0.7
a	0.6
b	0.6
c	0.6
d	0.6
e	0.6
f	0.6
g	0.6
h	0.6
i	0.6
j	0.6
k	0.6
l	0.6
m	0.6
n	0.6
o	0.6
p	0.6
q	0.6
r	0.6
s	0.6
t	0.6
u	0.6
v	0.6
w	0.6
x	0.6
y	0.6
z	0.6
a	0.6
b	0.6
c	0.6
d	0.6
e	0.6
f	0.6
g	0.6
h	0.6
i	0.6
j	0.6
k	0.6
l	0.6
m	0.6
n	0.6
o	0.6
p	0.6
q	0.6
r	0.6
s	0.6
t	0.6
u	0.6
v	0.6
w	0.6
x	0.6
y	0.6
z	0.6

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

Words containing this segment

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, femer, femjv, fembra, femeje, mulierem, muxer, μολλε, μυλλε, μυλε, mujere, done, hominem, ombre, infantem, infante, fante, nenēj, nen, epuz, esposa, mulier, muxer, μολλε, μυλλε, μυλε, mujere, epu, esposo, ma:trem, mek, maðre, ma:dre, mer, patre, pek, paðre, pa:dre, nema:l, noma:je, piskem, peθ, peffe, pef, pefte, awem, abe, awikellum, useλ, passerem, passero, pasare, kanem, kane, kijne, peduklus, pedoli, pædukje, serpentem, sekpā, serpjente, serpente, sekpēfi, sərpen, farpe, serpens, sjerpe, serpe, serp, farpe, wermem, vek, berme, verme, vekmi, vermi, vjerme, arborem, albergo, arbore, selba, selva, selve, gwen, semiλa, se:me, semēfi, se'menfe, fwee, fəaje, frondea, ra:di:kem, ra:di:ke, radi:fe, kortikem, kortitfe, kortikea, korteθa, kortetfa, skortea, ekoks, skwartse, flo:rem, fjo:re, floare, herba, jerba, ekve, erba, jarbe, gra:men, kwerða, pjel, pelle, peli, peλ, pjele, karne, karne, sang'inem, sangre, sangwe, sinðe, weso, adeps, gves, webo, kwerno, penna, peja, penē, pen, pene, pelo, pelu, kabejo, kapello, kabelu, kəβelu, kaβeθa, kavettsa, kabese, kəβese, testa, testā, teste, orexa, orekkja, oreλe, orele, ureke, ne, narife, gale, dentē, djente, dente, dinte, unge, pedē, pje, pje:de, pjerna, pekne, 'jaŋ'be, genu:, zueλu, ðe'noli, ðenunkç, el, ale, wenter, pantse, intesti:no, kwejo, epol, espalda, spate, seno, sen, pektus, peŋfo, pjept, kwore, anime, fegato, fedə, so:lem, sole, sqare, soreli, lune, etwal, estreja, stella, istrelē, iftrelē, stele, age, ploje, pləaje, flu:men, fjume, bivjek, mare, mek, sa:lem, sale, se, sare, petra, pjek, pjeðra, pedre, pedrā, pje:re, lapidem, laude, lapide, arena, arenā, pulwerem, polvere, pulbere, terra, tek, tjera, təkē, tjere, nube, ka:li:ginem, kaliðgine, nebula, njebla, nebbja, newlā, negurā, tene:braj, tē:nebre, tene:bra:s, tenēb, tinjeblas, tē:nebre, tēnebrās, fyme, fumate, θjelo, tfer, wentum, bjento, ben, niwem, njebe, neve, new, gelu:, jelo, dzer, fwego, kinerem, tferene, θeniθa, tferuŋa, estrada, montem, monte, monta:nea, montaje, noctem, nofe, nōtte, nqapte, zuwe, dornade, no:men, no:me, nume, no:minem, nombre, ombre, ombre, leŋgwa, bibere, beber, bere, beke, beker, befi, komedere, kome, kome, kumer, manduka:re, māze, manðare, morde:re, morðer, mordre, moxek, murðer, morsika:re, morsikare, murseka, su:gere, syse, suðe, konspuere, kōspye, eskupir, sputere, esputar, sputare, womere, vomitare, fla:re, sufle, soffjare, spi:ra:re, vespiwe, respirar, respirare, vespirar, vespiwe, respira:, arespira, ri:de:re, reir, ri:dere, aride, wide:re, ber, vede:re, vek, ver, avedə, audire, udi:re, skire, sapere, saber, sabek, seber, kogno:skere, konoθer, konoffere, kopesek, kupiser, kuŋqaste, ko:gitare, kuide, koðgitare, kuðgeta, pe:nsa:re, pāse, pensar, pensare, pēse, peŋsa:, sentire, sentir, sentire, olere, oler, olire, odo:ra:re, odorare, fra:gra:re, flekē, fragrare, time:re, temer, temere, temek, timer, temā, temi, teme, tremere, tremar, tremare, tremek, trimer, dormi:re, dormire, wi:were, vivere, vivek, viver, morire, moxek, muxer, neka:re, nwaje, neka, anegar, annegare, tpe, tuwe, maktare, mate, okki:dere, utfidere, utfide, pugna:re, puŋnare, battuere, battere, batek, bəter, bate, kaptiare, fase, kattjare, pulsa:re, puse, pulsare, seka:re, sje, segar, segare, segar, sea:, kurta:re, ekskurta:re, ekuwe, skortare, ta:lia:re, taje, taλla:re, di:widere, dividere, divide, skindere, sēde, findere, findere, ender, fendere, fēdek, fēder, parti:re, partire, se:para:re, səvke, separar, separare, separak, separa:, separa, pungere, punðere, punðe, jugula:re, zygye, jugula:re, ra:dere, raer, radere, wak, wer, rade, waze, rasare, fodere, kawa:re, kavare, ça:vle, ekskawa:re, eskabar, skavare, nata:re, nwotare, naviga:re, naze, nabegar, navigare, wola:re, vole, volare, vōle, zvolare, fəmine, kamminare, fimine, marfe, mergere, merðgere, merðe, ambita:re, andare, weni:re, benir, venire, veni, ekstendere, etādk, ekstender, estendere, istēdek, iftēder, øste ndrā, ekstinde, jake:re, zezik, jaθer, ða:fe:re, zezek, zezet, dzer, jesi, sede:re, ser, sedere, sek, sedə, sedenta:re, sentar, sentar, stare, estar, stare, leva:re, ləve, jebar, levare, levak, leva:, altia:re, ose, altsare, torna:re, tuwe, tornare, turne, gyra:re, zive, djarare, vive, virare, tork'e:re, torθer, torfjere, turser, tpartfe, kadere, kaer, kadere, tjade, tōbe, tume, dare, donare, done, dine, tene:re, tener, tenere, tek, ter, tsine, segurar, eksprimere, epwēdk, ekspremir, spremere, isprəmek, isprəmer, əspremā, esprimi, skreme, serrere, serar, seka, serare, seke, θerar, serrare, seke, appektora:re, apretar, stringere, etwēdk, estrepir, strindgere, stringe, strindge, frika:re, fweje, fregar, fregare, frea, freka, frika:re, frote, frettare, lawa:re, lave, lavare, tergere, terðgere, ekstergere, estarsir, sterðe, eksu:kare, esqije, enxugar, affugare, suwe, limpida:re, tira:re, tiwe, tirare, tire, puse, trahere, trarre, traze, trazer, traðe, impingere, impindgere, impindge, jaktare, zote, etfar, dgettare, dgete, lankeare, löse, lantjare, e:runka:re, arrontjare, ligare, lie, legar, legare, lea:, lega, apta:re, ko:nsuere, koser, kufjire, kuzer, çqase, komputa:re, kōte, kontare, e:numera:re, enumere, enumerar, enumerare, enumera, di:kere, deθir, dire, dizer, zifje, eksponere, sporre, spune, kanta:re, sūte, kantare, tūte, lu:dere, joka:re, zwe, dçokare, dzuwe, flu:ktua:re, flyktpe, fluttuare, fluita:re, fluitare, fluere, flye, fluire, ko:la:re, kule, kolare, kōle, ekskurrere, eskurir, skorrere, iŋkovek, iŋkurer, skurðe, kurrere, korer, korrere, kovek, kuzer, kurðe, gelare, zale, elar, dgelare, dzale, glakia:re, glase, gjattjare, inglakia:re, ingetsa, augmenta:re, ogmōte, aumentar, augmentare, augmentar, augmenta, infla:re, āfle, enfiare, ēfle, enfla:, konfla:re, gōfle, gonfjare, intume:skere, entumeθer, itumeser, kre:ske:re, kreθer, kreffere, kresek, kriŋser, kreŋa, kreŋte, bryle, bruŋfare, bryle, kremare, krame, kemar, kremare, kejmare, kejmave, flamma:re, flābe, flamear, fjammare, arde:re, arder, ardere, akdek, erder, arde, flagrare, flagve, flagrare, inkendere, ēsūdje, enθender, inŋendjar, isendjar, inŋindze, ustula:re, ustolare, alter, grandem, grande, grande, majjo:rem, mare, le, epe, espeso, spesso, espesu, ipesu, grabe, greve, grew, grew, lerdo, pesaño, pesante, pezadu, pezant, pekeno, pekenu, pikenu, brewis, brebe, breve, brew, bvek, etrwa, estreŋfo, stretto, menudo, delyaño, delikato, dewgadu, subti:lem, sottile, subtsire, fred:o, refje, leno, nweβo, wetum, bjexo, veλu, 'vjeri, vekç, bweno, move, putred, rekto, direktu, drept, reðondo, hebes, emuse, segu, seyu, neted, muje, seko, sekko, seku, sek, korretto, pve, θerka, pektu, pertu, aprqape, lexos, departe, dekstrum, djestro, destrā, dereŋfo, iθkjerða, iŋkerðe, vermikululus, bermexo, vermilālo, vekmeλu, rubeus, rubeo, ruðe, wiridem, vek, berde, verde, verdi, verde, galben, amarellus, krokeus, krotfjo, neyro, negro, negru, neri, prjeto, pretu, due, tres, tre, tref, k'wi:nk'e, tfinjke, ekkumhi:k, k'wem, kjen, tfine, ke, tfe, ove, unde, onde, deunde, donde, kome, tfermut, nek, ne, en, deintus, avek, et, e, se, ke, porke, perke, purke
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Appendix 3 - Segments used in the word list

1	g	ego:, gʁen, gʁamen, grēm̃e, grēm̃e, gram, sangre, sangwe, sēgi, sēgi, gʁes, grasa, grasso, goʁdure, gurɔr̃e, gœl, gø:j, ðgl, unɟja, gamba, genu:, fegato, figedu, agwɛ, lago, lagu, ka:li:ginem, negurə, gelu:, fwego, fogu, lāg, leŋgwa, lingwa, ligwɛ, musəga, musəgar, su:gere, sugaʁ, sugar, kogno:skere, ko:gitare, fra:gra:re, nəga, anegar, annegare, segaʁ, pungere, jugula:re, zyɟyle, nabegar, navigare, nəbəga, naviga, segurar, siguraʁ, fregar, frəga, iʃfrigar, tergere, ekstergere, enxugar, affugare, ɛʃugar, əfuga, liga:re, legar, legare, zogaa, zuga, flugtwar, gela:re, glakia:re, glase, gʃatʃjare, gləsa, inglakia:re, augmenta:re, oɡm̃te, gōfle, gonfjare, flagra:re, flagʁe, flagrar, flagrare, flagrar, awgū, ałgū, əlgu, gʁā, grande, grande, grēdʒi, grēdi, longus, lungo, lōgu, largo, laʁgu, largu, gʁa, graso, grasso, grafu, gras, gras, gordo, gʁo, grosu, gr̃s, grawis, gʁijef, grabe, grève, gravi, gravi, grew, angustus, angosto, angusto, dewgadū, fri:gidum, segu, ɬɔŋgum, gof, galbinus, galben, negru
2	o:	ego:, no:s, noi:, no:, wo:s, voi:, vo:, lo:ro, homo:, spo:s, o:b, flo:rem, fjo:re, flo:r, ʃfo:ʁ, o:wum, o:rikla, so:lem, so:vjō, no:men, no:me, no:minem, wo:mo, vo:mi, kogno:skere, ko:gitare, odo:ra:re, ko:nsuere, ekspo:nere, ko:la:re, to:tus, po:k, majjo:rem, mo:r, mo:si, go:f, duo:s, kʷando:, kʷo:modo, no:n
3	z	zə, zə, zāb, zənu, zueɫu, pluza, kalizēj, kelizēj, neʒ, zel, zeɫ, zuɐ, zorn, zəʁna, zuɐne, m̃dʒe, m̃ʒaʁ, m̃ʒar, mənʒa, kuʒitaʁ, kuʒitar, pūʒiʁ, pūʒir, zyɟyle, naʒe, zeziʁ, zezek, zezek, zawrə, ziʒe, ziraʁ, zira, əʃtriʒir, əʃtriʒir, əstərʒi, zəte, zejtar, zwe, zogaa, zuʒar, zuga, zuka, zəle, zilar, zəla, inʃfindʒe, laʁʒ, du:ʒe:, suzu, lōʒi, lōʒi, kuʒ, zon
4	ə	zə, sə.si, sə.la, dənə, dɔam̃nə, ɔmə, əspɔzə, mərit, əspɔs, marə, parə, tata, nəmaje, pasəre, pədukiʒe, səpen, abrə, ɬəvor, səmintsə, fuɬə, frunʒə, ərel, rədəʃina, əskɔrsə, skɔartsə, erbə, jarbə, baɾə, ɔqada, plomə, peɾə, panə, pər, ʃəvə, kəbɛɬ, ʃəvə, testə, tɛstə, urɛɬə, bokə, bukə, golə, gurə, kamə, zənu, minə, alə, burɬə, əspaɬɬə, inimə, fedʒə, ɬunə, ɬunə, əstɛl, aʃwə, apə, pluʒə, peɬə, pʃatra, ərenə, arinə, sorə, tɛrə, tsarə, newlə, negurə, tənɛbrəs, ʃɛaʃə, sendrə, ʃenuʃə, biə, ʃəmə, kəmi, muntarə, dia, ɔmə, bərbat, limbə, beɬrə, mənʒa, musəga, musəgar, musəʒa, əskupi, rəspira, riwɾə, beɬrə, sənti, səʃe, kunɛʃə, pənsa, pəsa, sənti, fləʒra, temə, biwɾə, nəga, mətə, batrə, kəsə, səʒa, təɬa, təʒa, fendrə, pərti, səvɛ, səpəra, rawrə, rəʒa, rəska, kəba, nəda, nəbəga, ʃəmine, kəmina, vəniz, bəni, əstendrə, zawrə, zəʃɛa, əsta, ləve, ɬəba, əlsa, tɔrsə, kawrə, kəɬə, təniz, təni, iʃpɾəmeʁ, iʃpɾəmeʁ, əspremə, səraʁ, səra, əʃtriʒir, əʃtriʒir, əstreɾə, frəga, frəsa, əstərʒi, əfuga, tɛwɾə, əmpɛrə, zəte, ɬənsa, kənta, əskorə, korə, zəle, zəla, gləsa, kɛʃə, krəma, ənsendrə, əlgu, altrə, amplə, əspɛs, pəzā, pəzat, pəti, pətit, əstret, məny, mənut, mərunt, dəlikat, rəw, rektə, əfilat, əpɾəp, destrə, əskɛrə, bərmɛɬ, neʒrə, dowə, kwatrə, əɬa, ən, sə, kə, pəʁskə, pərkə
5	j	jo, jerba, kabejo, kwejo, estreja, jubja, jelo, jaθer, jebar, amarijo, aja
6	o	jo, io, jo, nos, no, bos, vof, vos, eɬos, lo:ro, kwesto, kwello, vose, voste, moɬɬe, domina, doɾa, donə, hominem, ombre, omēj, om, homo:, wəmo, niɾo, nino, sponsa, esposa, ispoza, iʃpozə, moɬɬe, mariðo, marito, sponsus, esposo, spɔzo, ispozu, iʃpozu, sokius, sɔʃfo, sots, omaj, wazo, utʃello, paxaro, passero, pjoxo, pidəkkjo, pioɬu, poɬ, pedoli, arborem, aɾbol, albero, aɾvori, arbore, palo, fruto, frutto, ɬəvor, folia, oxa, foɬe, frondea, frondza, kortikem, kortiʃe, kortikea, korteθa, kortetʃa, koɾʃisə, skortea, ekɔʁs, flor, floʁ, koɾd, korda, koɾde, koɾðe, po, os, os, weso, əsso, osu, grasso, goʁdure, webo, wəvo, ovu, ow, kornu:, koʁn, kwerno, kəno, korn, kola, koda, plomə, pelo, kabejo, kapello, oʁeʒ, orexa, orekkja, oreɬe, oɾeʒɬe, orele, okulus, oxo, əkkjo, oɬu, voli, okɬ, naso, na:so, boka, bokka, bokə, bokə, gola, golə, piʃʃor, piʃʃor, roɬiɬa, ɬinokjo, ɬeʃnoli, mano, ma:no, intesti:no, kollum, kwejo, kollo, dorsum, do, dəsso, dos, epol, seno, peʃfo, petto, kor, kor, iʒaɬo, fegato, sol, sole, solikulus, soreli, o, pjoɬɬa, ploje, rio, lago, lago, sasso, sorə, polvere, polbo, pols, nublo, nuvola, nor, θjelo, ʃfelo, bjento, vento, jelo, ɬzelo, umo, fumo, fokum, fwego, fwəko, fogu, foyu, fok, kamino, kammino, montem, monte, monta:nea, montarə, montarə, noctem, noʃe, djurno, ɬorno, zorn, xornada, ɬornata, ɬornade, aɾo, anno, nomi, nomi, nombre, ombre, wo:mo, omēj, komedere, komer, kome, mordre:re, moɬɬe, moɬɬe, moɬɬe, morsika:re, moskar, morsikare, konspuere, womere, vomiz, bomitar, vomitare, gomita:, avomita, soplar, soffjare, sopraʁ, 'vjodi, oir, ovir, kogno:skere, konoθer, konoffere, koɾesek, koɾosi, koɬitare, ole:re, oler, olire, odo:ra:re, odorare, dormi:re, dormir, dormire, doʁmiʁ, dormi, morir, morire, moʁek, okki:dere, kortar, koɾtaʁ, skortare, kosaɬ, fodere, nwotare, wola:re, vole, bolar, volare, voaʁ, zvolare, zvolar, ose, torna:re, tornar, tornare, toɾnaʁ, torna:, toɾkʷe:re, toɾθer, donare, donar, doa, appektora:re, ʃrote, frotar, arronʃare, koser, komputa:re, kontar, kontare, konta:, sporre, joka:re, ɬokare, zogaa, kolar, kolare, koaʁ, skorrere, iʃkoʁek, əskorə, skori:, korer, korrere, koʁek, korə, kori, oɡm̃te, konfla:re, gonfjare, zgloɱfa:, ustolare, omne:s, oɱpi, todo, tutto, todū, toɬu, tot, muʃfo, molto, mol, molc, tanto, okə, alguno, alkuno, poko, pəko, powku, oʃr, otro, altro, owtru, mapo, mapno, longus, longo, lungo, ɬoɱ, laryo, largo, lato, anʃfo, ampjo, graso, grasso, espeso, spesso, gordo, grossus, gʁo, gr̃sso, grosu, grosu, gros, lerdo, lordo, pesaɬo, pekeɾo, pitʃino, pikkolo, korto, korto, angosto, angusto, estreʃfo, stretto, menudo, minuto, delyaɬo, delikato, sottile, ʃo, kaliðo, kaldo, frio, fred:ə, ɬeno, pje:no, nowum, nuvo, nweʃo, nwo:vo, novu, now, bjexo, vek:jo, bonum, bweno, bwə:no, move, malo, katti:vo, poɬriðo, marʃfo, podri, sordidus, suθjo, spəko, rektə, drito, rotundum, reðondo, ton.do, ruðo, rotund, ayuðo, affila:to, sinfilo, zmusasa:to, liso, liffo, moxaɬo, baɱɱa:to, seko, sekko, korre:ktum, korretto, propiɱkʷum, viʃi:no, ɬɔŋgum, lexos, lontano, lon'tar, djestro, destro, dereʃfo, gof, sinistro, roxo, rosso, ʁoʃ, ʁoʃu, ros, roʃu, bermexo, vermiɬɬo, rubjo, rəbbjo, rubeo, zon, amarijo, krokeus, kroʃeo, albo, neyro, negro, pɾjeto, uno, dos, dowə, kʷattwor, kwatro, kwattro, θinko, ove, juo, onde, on, donde, kwando, kʷo:modo, komo, kome, komu, no, non, kon, abhoc, kʷod, prokʷid, porke

Appendix 3 - Segments used in the word list

7	i	io, no:i, vo:i, elis, sə.sɪ, isu, iftu, ille, akilu, ɛkɪlu, is, lu:i, eli, fe:mina, femmina, femine, mulierem, domina, hominem, infantem, infante, ifɛʃi, nɪpɔ, nino, ispoza, mulier, mæxi, mariðu, marito, maridu, meriðu, marit, mærit, ispozu, sokius, mari, pari, animalia, alimaɲa, be:stia, bɪʃfa, bɪʃe, bis, piskem, pejʃi, avi, awikellum, pidɔkkjo, pioʎu, pedoli, sɛkpeʃi, sarpint, vɛʁmi, ævori, silwa, fɪʁi, semiʎa, semɛʃi, simɛs, folia, raiθ, ʁais, ʁeɪf, ʁadi, ʁasin, rɔdɔʃinɔ, kortikem, kortiʃe, kɔʁʃisi, kɔrtisi, kortikea, kɔʁʃise, kurtise, fu:nis, peli, kæni, sangʷinem, sɛgi, ʃifri, ʃifri, pilus, kapillus, ʃivja, kapitia, o:rikla, voli, nariθ, nariʃe, naris, neriʃ, dɛʃi, 'dint, dinte, uŋgʷis, piʃʹor, piʃʹor, roðiʎa, ɟinok:jo, ɟe'noli, bariya, vɛtri, wiskus, tripas, intesti:no, ifpadwɛ, sinus, si, pi, pit, anima, anime, inimɔ, iyaðo, figɛdu, fiyɛðu, fɪja:t, fikar, solikulus, soreli, istrele, pluwia, plɔi, flumi, rio, ʁiɰ, ʁiu, riw, ri:pa:ria, ʁivjɛk, rivi:ʁ, lapidem, lapide, arinɔ, nu:bilus, ka:li:ginem, kalina, kalidʒine, kalizɛʃ, kɛlizɛʃ, tinjeblas, kajkia, 'vint, niwem, nɛ.vi, kinerem, θeniθa, ʃinize, wia, bia, via, viɛ, biɔ, istrade, iftraðɛ, kamino, kammino, kɛmiɲu, kɛmi, mɔʃi, nɔi, nit, die:s, dia, di, diɛ, diɔ, zi, diurnum, diurna:ta, nomi, no:minem, lingʷa, lingwa, limba, bibere, bevi, mwardi, morsika:re, morsikare, kuspiɰ, kuspir, eskupi, ɔskupi, vomix, bomitar, vomitare, vumitaɰ, vumitar, bumita, vo:mi, gomita:re, avomita, ʁespiɛk, respirar, respirare, ʁespiɛr, ʁispiɛr, rɛspira, ʁespiɛk, respira:re, arespira, ʁiɰ, reir, ʁiɛ, riwrɔ, 'ridi, wide:re, 'vjodi, oir, o(w)viɰ, ovir, sɛnti, sin'ti, awzi, ʃti, kinɔh, kɔposi, ko:gita:re, kuɟide, kwidar, koɟitare, kuɟitaɰ, kuɟitar, sɔtiɰ, sentir, sentire, sɛʃʃiɰ, sɛtir, sɛnti, sɛti, sinti:re, simʃsi, olire, time:re, temi, trimar, dɔʁmiɰ, dormir, dormire, dɔʁmiɰ, durmir, durmi, dwæmi, dormi, vivɛ, bibir, vivere, viveɰ, viver, biwrɔ, vivi, via, muɛiɰ, morir, morire, muri, mɔri, muri, tu:ta:ri, ɔksir, utfidere, uksi, uʃfide, batir, bati, kaptia:re, ta:lia:re, di:widere, dibidir, dividere, ɟividiɟiɰ, dividiɛr, dibidi, dividi, divide, skindere, ʃindere, findere, pætiɰ, partir, partire, pæʃʃiɰ, pærtir, pærti, pɔ:rti, pɔziɰ, pɔziɛr, puɲi, fwiɰ, ifkɛvæ, ifkɛvar, naviga:re, navigare, naviga:re, naviga, ʃamine, kaminar, kamminare, kɛmiɲar, kɛmiɲar, kɛmina, ʃimine, camina:re, ambita:re, vɔniɰ, benir, venire, viɰ, vir, bɔni, vini, viɲi:re, veni, istɛdɛk, istɛder, ekstinde, zezir, jesi, altia:re, ɟiɛ, xirar, ɟirare, ɟirar, ɟira, ɟira:re, viɛ, birar, virare, virar, bira, keir, dine, taniɰ, tani, tini, tinji, tsine, eksprimere, ekspremir, ispræmɛk, ispræmer, esprimi, stringere, estreɲir, strindʒere, æʃtriɟir, æʃtriɟir, stringe, frika:re, frikta:re, frisar, estarsir, æstærɟi, esqije, limpida:re, limpjar, tira:re, tiɛ, tirar, tirare, ʃira, tira, tire, tira:re, impingere, impindʒere, impindʒe, xita, liga:re, lie, ʎiya, kuʃʃiɛ, kuzi, kuzi, diɰ, deθir, dire, dizer, di, ɟiʃe, ludir, fluita:re, fluitare, fluir, fluire, flwiɰ, flwir, flui, eskurir, ifkɔɛk, ifkurer, kuɛiɰ, kori, glakia:re, inglakia:re, infla:re, inʃar, enfiare, imfla, intume:skere, inkendere, inʃendjare, inʃindʒe, oɲɲi, altri, alius, grɛɟi, spissus, ipesu, grawis, ɟɛiɟɛf, gravi, grevi, pittitus, pæti, pætit, piti, 'pittinus, pittino, putsin, pitulus, pikkolo, piʃʃul, brewis, brɛvi, striktus, istrejtɔ, minu:tus, minuto, miudu, miudu, minu, minut, de:lika:tus, delikato, dɛlikat, sutil, sottile, suʃʃiɰ, suʃʃil, su:ti, subtsire, kalidum, kaliðo, fri:gidum, frio, friu, plin, 'vjeri, trist, putridum, puri, poðriðo, puðrit, pu:xi, sordidus, drit:ɔ, direjtɔ, direktu, affila:to, ɛfiadu, ɛfilat, askutsit, sinfilo, lis, liso, liffo, lizu, ʎis, slis, u:midum, umidu, umiðu, sikkus, propiɲkʷum, viʃʃi:ɲo, lɔzi, direjtɛ, direjtɛ, iθkjerða, sinistro, vermikulus, vermiʎʎo, wiridem, galbinus, amarijo, nigrum, neri, kwatri, θinko, ʃiɲkwe, siɲk, 'ʃiɲk, ʃiɲʃ, isi, aki, kwi, ɛki, illa:k, ibi:re, vi, ai, ɛi, kʷis, ki, kwi, ʃine, kʷid, ubi, ɔɟi, ni, in, deintus, dins, i, ʃi, si, ki, prokʷid
8	w	ew, jew, wo:s, kwesto, kwello, wɔmo, pwasɔ, awem, aw, awikellum, wazo, wermem, silwa, sewwa, paw, fwee, skwas, skwartse, kwɛrða, sangwe, weso, 'vwes, o:wum, webo, wɔvo, ɔw, ow, kwerno, kwɛn, 'kwa:r, kawɛ, kɔw, pwal, pɛw, wenter, wiskus, kwejo, kwel, ifpadwɛ, kwɔre, awmɛ, fwa, sɔw, etwal, aywa, akkwa, agwɛ, ajyɛwɛ, ɛw, pluwia, ri:wus, ʁiɰ, riw, riw, saw, pulwerem, pulwus, nɛvwɛ, newlɔ, sɛw, wentum, niwem, new, fwego, fwɔko, wia, vwa, wo:mo, leɲgwa, lingwa, liɲgɛ, bwæ, bɛwrɔ, mwardi, womere, riwrɔ, wide:re, vwæ, bɛwrɔ, awzi, savwæ, kwidar, dwæmi, wi:were, biwrɔ, nwaje, tuwe, di:widere, pwɛdɛ, rawrɔ, fwiɰ, kawa:re, ekskawa:re, nwotare, wola:re, vwar, weni:re, zawrɔ, swæ, ʃwæ, kawrɔ, lawa:re, suwe, trɛwrɔ, zwe, ɟuwe, flugtwar, flwiɰ, flwir, kɛwatɛ, awgũ, powku, owtru, aw, grwes, grawis, grew, grew, brewis, brew, etɛwa, dewgadu, suʃʃiɰ, fɪwa, nowum, nweɟo, nwɔ:vo, nɔw, now, wetum, bwenɔ, bwɔ:ɲo, maw, rɔw, dɛwa, sua:wɛ, lwɛ, dɛwat, ʎæwum, wiridem, awvu, nwæ, dowɔ, tɛwa, kʷattwor, kwatro, kwattro, kwatru, kwatrɔ, kwat, kwatri, ʃiɲkwe, kwi, kwi, kwa, kwe:, kwando, kwɛdu, kwan, kwand, kwant
9	ɔ	ɟɔ, nɔjs, nɔʃ, vɔjs, vɔse, dɔɲna, dɔnɔ, dɔne, ɔm, ɔmɛj, ɔmɔ, ɔm, wɔmo, spɔza, ɛspɔzɔ, spɔzo, ɛspɔs, ɔʃɔ, pidɔkkjo, fɔʎʎa, ʃɔj, kɔʁʃisi, kɔrtisi, skɔrtsa, ɛskɔrsɔ, flɔ, ɔsso, ɔs, ɔ'hɛ:, wɔvo, ɔw, kɔrno, kɔw, kɔdɛ, plɔm, ɔraj, ɔkkjo, bɔk, bɔcɛ, ɟɔle, 'ɔɲgule, ɲɔ, kɔlu, kɔʎ, dɔsso, dɔ, kwɔre, kɔɰ, kɔr, sɔw, sɔʎ, sɔʎ, sɔʎɛj, savalɔn, pɔlvar, pɔ, nɔjɔ, fwɔko, fɔk, mɔnt, mɔntajɛ, nɔtte, ɲɔt, ɟɔɲna, nɔm, nɔɲ, ɔmɔ, mɔrdere, ɔ'ji:, kɔnɛɰ, kinɔh, dɔʁmiɰ, mɔri, ɔksir, vɔle, tɔɛdɛ, tɔʃʃere, tɔrsɔ, dɔne, ʎji:, kɔle, tɔ, pɔko, pɔk, grɔsso, grɔs, nɔw, nɔ've, bɔn, bɔɲ, spɔrko, spɔrk, ta'rɔnt, ɛpɔrɔ, 'dɔɲɛ, rɔs, rɔbbjo, rɔʃ, grɔk, kɔmɔ, kɔm, kɔmɛ
10	ɟ	ɟɪ, sindʒe, ɟɔb, ɟinok:jo, ɟe'noli, ɟenunkɛ, fedʒa, pjoddʒa, kalidʒine, ɟelo, ɟer, ɟu:, ɟorno, ɟu:, ɟornata, mandʒare, suɟɛ, koɟitare, kuɟeta, ɟividiɟiɰ, punɟere, punɟe, nɛɟi:, merɟere, merɟe, ɟaʃʃe:re, ɟere, ɟirare, ɟira:, strindʒere, strindʒe, tɛrdʒere, tɛrdʒe, tradʒe, impindʒere, impindʒe, ɟettare, ɟete, ɟokare, ɟuwe, ɟuja:, skurdʒe, kurdʒe, ɟelare, ɟale, ʃisendʒar, grɛɟi, rudʒe, ɟɛn, ɔɟi
11	i	ɟɪ, na:ris, isendʒar

Appendix 3 - Segments used in the word list

12	j	jo, jew, nɔjs, vɔjs, femjɐ, femeje, mujere, mujere, omaj, nɔmaje, uʃjel, fjɛ, kijne, pjoxo, pidɔkkjo, pju, pɔdukkje, serpjente, sjɛpɛ, sjerpe, vjer, vjer, vjerme, frujt, fɔej, fɔj, fɔaje, fjo:re, jɛp, jarbe, jarbɔ, pjel, 'pjel, pjele, vjɔd, pjuma, ʃivja, orekkja, ɔej, ɔkkjo, u:j, gɔj, djente, ungja, ungje, pje, pje:de, pjerna, dʒinok:jo, ɔtɔkɔj, pjɛpt, fija:t, jubja, pjodɔɔa, ploje, plɔaje, fjume, ɔivjɛk, pjɛk, pjeɔra, pje:tra, pje:re, pjatrɔ, so:vjɔ, sabbja, tjera, tjere, njɔly, njebla, nebbja, tinjeblas, sjel, ʃjelo, bjento, njebe, djurno, skujpa, soffjare, vɛ'ji:, 'vjodi, ɔ'ji:, kujda, flɔjra, sje, tɔje, teji:, taja:, tɔja, jugula:re, jugula:re, jake:re, jesi, ʃjade, tinji, esujje, suja:, limpiar, jakta:re, lɔji:, joka:re, dʒuja:, gjatʃjare, gonfjare, fjammarɛ, ɛsɔdje, intʃendjare, isɛdjar, majjo:rem, ampjo, gɔijɛf, pje:no, vjɔ, bjexo, vek:jo, 'vjeri, suθjo, muje, mu'ji:, djestro, iθkjerɔa, rubjo, rɔbbjo, prjeto, kjen, juo
13	n	no:s, nu, nos, no:i, nɔjs, nɔf, no, no:, noj, fe:mina, femmina, femine, domina, dɔnna, donɛ, dɔnɔ, dɔne, dɔamnɔ, hominem, infantem, infante, fante, nijo, nino, nenɛj, nen, sponsa, sponsus, animalia, nema:l, nɔmaje, kanem, kan, kane, can, kijne, serpentem, serpjente, serpente, sɔrpen, sarpint, serpens, gɛn, se'mɛntʃɛ, sɛmintɔ, frondea, frondɔa, frunzɔ, ra:di:ki:na, ɔasin, rɛsɛn, rɔdɔʃinɔ, gra:men, gɔamɛn, fu:nis, karnɛ, karne, karne, kɔni, karni, karn, sang'winem, sangwe, sindʒɛ, kornu:, kɔn, kwerno, kɔrno, kwɛn, korn, penna, pɛn, pɛnɛ, pɛn, pene, panɔ, na:sus, ne, naso, na:so, nas, na:s, nariθ, naritʃɛ, naris, nɛrif, na:ris, dentɛ, djente, dɛnte, 'dint, dinte, ungje, pjerna, pɛnɛ, pɛr.nɛ, genu:, ɔɔnu, dʒinok:jo, dʒɛ'noli, dʒɛnunkɔ, manum, mano, ma:no, minɔ, wenter, pantʃa, pantse, intesti:no, sinus, seno, sen, san, anima, anime, inimɔ, lu:na, lyn, luna, ɔuna, lɔn, lune, lunɔ, flu:men, hare:na, arena, ɔrenɔ, arinɔ, savalɔn, nu:be:s, ny, nube, nuvɛj, nuvɛj, nu:bilus, nublo, nuvola, nubladu, nuʃuʃ, nu:l, nor, ka:li:ginem, kalina, kalidʒine, nebula, njɔly, njebla, nebbja, nɛvɔɛ, newlɔ, negurɔ, tene:braj, tɛ:nebre, tene:bra:s, tenebɔ, tinjeblas, tɛ:nebre, tɔnebrɔs, wentum, bjento, vento, ben, 'vint, vint, niwem, nɛɔ, njebe, neve, nɛ.vi, nevɛ, new, ni:vaj, nef, nɛa, kinerem, ʃɛnere, sɛndrɔ, θeniθa, ʃinize, ʃɛnuʃa, kammi:num, kamino, kammino, montem, monte, mun, mɔnt, munte, monta:nea, montajna, montajna, muntajna, mɔntajne, noctem, nɔi, noʃɛ, nɔtte, nojti, nit, nyt, nɔapte, diurnum, djurno, dʒorno, ɔorn, ɔɔna, diurna:ta, ɔuɔne, xornada, dʒornata, dʒornade, annum, anno, ɛnu, an, no:men, nɔ, no:me, nomi, nomi, nɔm, nɔ, nɔj, nume, no:minem, nombre, ling'wa, lingwa, 'lɛnge, manduka:re, mandukar, mandʒare, minka, konspuere, sin'ti, kogno:skere, kɔnɛtɔ, konoθɛr, konoffɛre, kunɛʃ, kinɔh, kunɔʃte, pe:nsa:re, pensar, pensare, pɔnsa, senti:re, sentir, sentire, sɛnti, sinti:, neka:re, nwaje, naga, neka, anegar, annegare, pugna:re, skindere, ʃindere, findere, ender, fɛndere, fɛndrɔ, pungere, punɔɔere, punɔɔɛ, nata:re, nadar, nwotare, nadaɔ, nɔɔar, nɔda, nada:, naviga:re, naze, nabegar, navigare, naviɔaɔ, nɛviɔar, nɔbɔga, nɛdʒi:, naviga:, naviga, ʃamine, kaminar, kamminare, kamina, ʃimine, camina:, andar, andare, weni:re, vɔniɔ, benir, venire, bɔni, vini, veni, ekstendere, ekstender, estendere, ɔstendrɔ, ekstinde, sedenta:re, sentar, senta:, torna:re, tuɔne, tornar, tornare, tɔknaɔ, turnar, turna, tu:rne, torna:, turna, donare, dɔne, donar, duna, dine, tene:re, tɔniɔ, tener, tenere, tɔni, tini, tinji, tsine, stringere, strindʒere, stringe, strengi:, strindʒɛ, enxugar, impingere, impindʒere, impindʒɛ, lankea:re, lanθar, lanʃare, lɔnsa, lanci:, lanʃa:, ɛ:runka:re, arankar, arronʃare, ko:nsuere, kontar, kontare, kontar, ɛ:numera:re, enumeɔɛ, enumerar, enumerare, enumera, numara, ekspɔnere, spune, kanta:re, kantar, kantare, kɔnta, cantar, kinta, inglakia:re, ingetsa, aɔgmenta:re, aɔumentar, aɔumentare, aɔumentar, augmenta, infla:re, inʃar, enfiare, enfla:, konfla:re, gonfjare, intume:skere, entumeθɛr, inkendere, enθender, intʃendjare, isendʒar, ɔnsendrɔ, intʃindʒɛ, omne:s, tantus, tanto, tant, tanc, alguno, alkuno, magnus, grandem, grande, grande, gran, grant, longus, longo, lungo, lunk, lung, antʃo, pe:sant, pesante, peɔant, 'pittinus, pitʃino, pekenu, pikenu, putsin, angustus, angosto, angusto, minu:tus, mɔny, menudo, minuto, mɔnut, minu, minu:t, mɔrunt, ple:num, ɔeno, pje:no, plin, nowum, nuvo, nweʃo, nwɔ:vo, novu, nɔw, nɔ've, now, bonum, bweno, bwɔ:no, bɔn, bun, rotundum, reɔondo, ton.do, ta'rɔnt, rotund, sinfilo, neted, viʃi:no, lonta:no, lon'taɔ, sinistro, galbinus, ɔon, dʒɛn, galben, nigrum, nwɔk, neɔro, negro, negru, nɛɔrɔ, nɔ:k, neri, u:num, uno, un, unu, k'ink'e, θinko, ʃinʃ, kjen, ʃine, unde, onde, on, deunde, donde, k'ando:, kwando, kwan, kwand, kwant, kind, no:n, nɔ, no, non, nɛw, nu, nek, ni, ne, nɛj, nɛj, nɛ, in, en, ɔn, in, deintus, dins, kon

Appendix 3 - Segments used in the word list

14	s	no:s, nos, nɔjs, wo:s, bos, vɔjs, bus, vos, eɫos, elis, sɔ.si, este, kwesto, isu, sɔ.la, ese, usted, vose, vɔse, veste, is, sponsa, esposa, spɔza, ispoza, ɔspɔzə, mari:tus, sponsus, esposo, spɔzo, ispozu, ɔspɔs, spo:s, sokius, sɔfʃo, sots, be:stia, bis, piskem, pɛs, pwasɔ, useɫ, passerem, passero, pasɛru, pasære, peduklus, serpentem, sɛkpɔ, serpjente, serpente, sɛkpɛfʃi, sirpɛti, sɛrpen, sjɛkpɛ, sarpint, serpens, sjerpe, sɛrpe, serp, silwa, selba, selva, sɛwva, sɛlvə, selve, pa:lus, fru:ktus, se:mɛ, semiɫa, se:me, semɛfʃi, simɛti, simɛs, se'mɛntʃɛ, sɛmɪntsə, frɔsɛ, ʁais, ʁasin, ʁesen, kɔʃfisi, kɔrtisi, kɔʃfise, kurtise, skorteɔ, ekoʁs, skɔrtsa, ɔskɔrsə, skwas, skwartse, skɔartsə, fu:nis, sang ^w inem, sɔ, sangre, sangwe, sɛgi, sɛgi, san, sɔ:g, sanʃk, sindʒe, os, os, weso, ɔsso, osu, ɔs, 'vwɛs, adeps, gʁɛs, grasa, grasso, pilus, kapillus, kavettsa, kabesɛ, kɛʃesɛ, testa, testa, teste, testə, ʃɛs, teste, tɛastə, okulus, na:sus, naso, na:so, nas, na:s, naris, na:rɪs, ung ^w is, kru:s, wiskus, tripas, intesti:no, ɛtrɛpɛs, dorsum, dɔsso, dos, spatula, espalda, spalla, ɔspaɫɫə, spal, spalɛ, spate, sinus, sɛ, seno, seju, seju, si, sen, san, pektus, so:lem, sol, sole, sɔw, sɔɫ, sɔɫ, sɔɫ, sɔare, solikulus, sɔɫɛj, soreli, ste:lla, estreja, stella, istrelɛ, ɔstɛɫ, stɔ:l, stele, stɛa, ri:wus, sa:lem, sel, sal, sale, saw, se, sa:l, sare, saksum, sasso, sejjʊ, sejjʊ, sabulum, sabl, sajβru, sorə, so:vjɔ, savalɔn, sabula, sabbja, pulwus, pols, nu:be:s, nu:bilus, tene:bra:s, tinjebɫas, tɔnebrəs, fumase, sjɛɫ, sɛw, sel, si:ʁ, fu:mus, sɔdɫ, sendrə, sɛ:d, sɪzɛʃ, stra:ta, estrada, strada, istradɛ, die:s, morsika:re, moskar, morsikare, musəga, musəgar, musəya, murseka, su:gere, syse, sugaʁ, sugar, sysi, suɟɛ, konspuere, kɔspye, kuspiʁ, eskupir, ɔskupi, skujpa, sputere, esputar, sputare, spuda:ɫ, sufle, soplar, soffjare, sopraʁ, suprar, spi:ra:re, ʁɛspiʁɛ, respirar, respirare, rɛspira, ʁɛspiʁɛ, respira:, arespira, sɔnti, sin'ti, ski:re, sapere, savwaʁ, saber, sabɛʁ, seber, sɔβɛ, savɔʁ, save:, kogno:skere, kɔnesɛʁ, kupiser, kɔnosi, pen:sa:re, pɔse, pensar, pensare, pɛsaʁ, pɛsar, pɔnsa, pɛse, penʃa:, pɔsa, senti:re, sɔtiʁ, sentir, sentire, sɛfʃiʁ, sɛtir, sɔnti, sɛti, sinti:, simʃsi, ɔksiʁ, uksi, fase, kasaʁ, kɛsar, kɔsa, ʃɛsi:, pulsa:re, puse, pulsare, pulsa:, pulsa, seka:re, sje, segar, segare, segaʁ, siyar, sɔya, sea:, ekskurta:re, skortare, skurta:, skurta, skindere, sɛde, se:para:re, sɔvɛ, separar, separare, separaʁ, sipɛrar, sɔpɔra, separa:, separa, rasar, rasare, rasa:, raskar, rɛska, kosaɫ, kusar, ekskawa:re, eskabar, skavare, ekstendere, ekstender, estendere, istɛdeʁ, ɔstendrə, ekstinde, jesi, sede:re, swaʁ, ser, sedere, sɛʁ, sedenta:re, sentar, sɛtar, senta:, sta:re, estar, stare, ɔsta, ɛs, sta:, sta, ose, aɫsa, aɫsar, ɔlsa, ho:si:, turser, tɔrsə, segurar, siguraʁ, siyurar, eksprimere, ekspremir, spremere, ɔspremɔ, esprimi, skreme, serrere, serar, seʁa, sɛraʁ, sɛra, serare, seʁɛ, serrare, siʁar, sɛre, stringere, estreɲir, strindʒere, ɔstreɲɔ, stringe, strengi:, strindʒe, frisar, frɔsa, ekstergere, estarsir, ɔstɔrzi, eksu:ka:re, esɟije, suwe, suja:, uska, puse, pu:si:, pulsa:, lɔse, lɛsa, lɛsar, ɫɔnsa, ko:nsuere, koser, ɔqase, ekspo:nere, sporre, spune, ekskurrere, eskurir, skorrere, ɔskorə, skori:, skurdʒe, glase, glɔsa, intume:skere, itumeser, kre:ske:re, kreseʁ, krifser, ɛsɔdʒe, isendʒiar, isɛdjar, ɔnsendrə, ustula:re, ustolare, ustura, omne:s, to:tus, multus, tantus, paʁkus, alius, magnus, longus, largus, la:tus, amplus, krassus, graso, grasso, gras, gras, gras, spissus, espeso, spesso, espɛsu, ipɛsu, ɔspɛs, spe, gurdus, grossus, grɔsso, grosu, gros, grɔs, grwɛs, gros, grawis, lurdus, pe:sant, pesaɔo, pesante, pittitus, 'pittinus, pitulus, kurtus, brewis, angustus, angosto, angusto, ingust, striktus, estreʃfo, stretto, istrejtʊ, ɔstret, stɔʁ:, stret, strimt, minu:tus, de:lika:tus, subti:lem, sutil, sottile, sufʃiw, suptil, su:ti, suti:l, subtsire, trist, sordidus, sal, suθjo, spɔrko, suzu, mo:si:, spɔrk, askutsit, hebes, emuse, sinfilo, zmus:sa:to, segu, seyu, sua:wɛ, lis, liso, ɫis, slis, sikkus, sɛk, seko, sekko, seku, sɛk, se ʃ, sek, lexos, dekstrum, djestro, dɛstro, destrʊ, destrə, di:re:ktus, destra, sinistro, ɔskerə, sting, russus, rosso, ros, rɔs, vermikulus, rubeus, galbinus, amarellus, krokeus, albus, duo:s, dos, dojs, duas, duɛs, tre:s, tres, tres, sɛk, siku, sinʃk, isi, k ^w is, deintus, dins, si:k, si:, si, se, si, sɔ, paʁskə
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Appendix 3 - Segments used in the word list

15	u	nu, vu, bus, isu, iftu, akilu, ekilu, tu, usted, mulierem, muxer, мулех, мулер, муле, mui:r, mujere, epuz, mulier, muxer, мулех, мулер, муле, mui:r, mujere, mari:tus, maridu, meridu, sponsus, epu, ispozu, ifpozu, sokius, awikellum, utfello, use:l, ufjel, paseru, peduklus, pu, pio:lu, pju, pædukje, arvuri, arbul, pa:lus, fru:ktus, fruto, frutto, frutø, frujt, frut, frukt, fu:lə, frunzə, kurtise, kutē, osu, goxdure, gurðure, o:wum, ovu, kua, pluma, pjuma, plumē, pilus, pelu, pīlu, kapillus, kabelu, kəbelu, ure:lə, ureke, okulus, o:lu, na:sus, bukka, buf, bukə, gula, gurə, uŋgʷis, uŋa, uŋgja, uŋə, 'əŋgule, ungje, zənu, zue:lu, dʒenunkç, manum, burtə, wiskus, kollum, ku, kəlu, dorsum, spatula, sinus, seju, seju, pektus, pejtu, pejtu, fi:ka:tum, figədu, fiyēdu, solikulus, luna, luə, lʌnə, lune, lunə, pluwia, jubja, fuve, pluza, fjume, flumi, flumi, flum, ri:wus, xiu, lakum, lagu, laɣu, saksum, seifu, seifu, laude, sabulum, sajbru, sabula, pulwerem, pudx, pulbere, pulwus, nube, nuvēj, nuvēj, nu:bilus, nublo, nuvola, nubladu, nuβu, nebula, negurə, fumata, fuma:ta, fumase, fumate, kajlum, wentum, vētu, fu:mus, umo, fumo, fumu, fum, fokum, fogu, foyu, fʃenufə, kammi:num, kamiju, kemiju, mun, munte, muntanə, diurnum, zuɤ, dʒurno, diurna:ta, zuɤne, annum, enu, nune, kumer, manduka:re, mandukar, murðer, musəga, musəgar, musəya, murseka, sugax, sugar, cuca:, suɖe, konspuere, kuspix, kufpir, eskupir, əskupi, skujpa, sputere, esputar, sputare, spuda:, vumitaɤ, vumitar, bumita, sufle, suprar, udi:re, kupiser, kuneɤə, kuŋqafte, kuɤitaɤ, kuɤitar, kujda, kuɖeta, ulura, durmir, durmi, durmi:, muxix, muxer, muri, muri:, muri, tuwe, utfide:re, uksi, ufide, pugna:re, puɤar, puɤnare, puɤa, battuere, pulsa:re, puse, puxar, pulsare, puɤax, puɤar, pulsa:, pulsa, kurta:re, kurtar, ekskurta:re, ekuɤte, skurta:, skurta, pungere, punɖgere, puɤi, punɖe, jugula:re, jugula:re, kusar, bula, zburə, lua, tuɤne, turnar, turna, turna, turser, tumbar, tumba, tume, duar, duna, segurar, sigurax, siyurar, enxugar, əffugare, əfugar, əfuɤar, əfuga, suwe, suja:, uska, puse, pulsa:, e:runka:re, aruŋka, ko:nsuere, kudx, kuɤfire, kuzer, kuzi, kuzi, komputa:re, kumta, e:numera:re, enumeɤe, enumerar, enumerare, enumera, numara, spune, ludir, xugar, zuɤar, zuga, dʒuwe, dʒuja:, zuka, flu:ktua:re, flugtwar, fluttuare, flutuax, flutuar, fluktua, fluctua, fluita:re, fluitare, fluere, fluir, fluire, flui, kule, kuar, kuɤa, ekskurrere, eskurir, ifkurer, skurɖe, kurrere, kuɤix, kuɤer, kuɤe, augmenta, umfla, intume:skere, entumeθer, itumeser, bruɤfare, bruza:, ustula:re, ustolare, ustura, to:tus, tu, tutto, todə, toɖu, dut, multus, mu, muɤo, mūjtu, mult, tantus, tētu, tētu, alguno, alkuno, əlgu, paɤkus, powku, owtru, alius, magnus, longus, lungu, lōgu, lunk, lung, largus, laɤgu, largu, la:tus, latu, amplus, əfu, krassus, graɤu, spissus, espesu, ifpesu, gurdus, grossus, grosu, grosu, lurdus, luɤ, pezadu, pizaɖu, pittitus, 'pittinus, pekenu, pikenu, putsin, pitulus, piɤful, kurtus, kuɤ, kuɤtu, kurtu, kurt, kurt, angustus, angusto, ingust, striktus, istrejtu, iftrejtu, minu:tus, menudo, minuto, miudu, miuɖu, mənut, minu, mərunt, de:lika:tus, dewgadu, deɤyaɖu, subti:lem, sutil, suɤfiw, suptil, suti:l, subtsire, kalidum, fri:gidum, friu, ple:num, feju, nowum, nuvo, novu, wetum, ve:lu, bonum, bun, maɤum, putridum, puri, puɖrit, putred, sordidus, suθjo, suzu, brut, murdar, re:ktum, direjtu, direktu, rotundum, xidōdu, ruɖo, rotund, aku:tum, ayuɖo, əfiadu, u'fa:t, askutsit, emuse, zmuɤsa:to, segu, seɤu, sua:wē, lizu, u:midum, muje, umidu, umiɖu, muɤat, mu'ji:, ud, sikkus, seku, korre:ktum, propiŋkʷum, peɤtu, pertu, lōngum, lʌɤ, dekstrum, destru, deɤtru, di:re:ktus, laɤwum, russus, xu, xoɤu, roɤu, vermikululus, veɤme:lu, viɤmej:lu, rubeus, kuɤ, rubjo, rubeo, ruɖe, galbinus, amarellus, əmaɤe:lu, əmeɤe:lu, krokeus, albus, awvu, alvu, nigrum, negru, pretu, u:num, uno, un, uŋ, unu, duo:s, duaj, due, duas, duɤs, duɤf, kwatru, patru, siku, ekkumhi:k, ubi, u, juo, unde, deunde, kwēdu, komu, kum, nu, deintus, kum, ku, avu, purke, purki
16	f	noɤ, vof, elif, iftu, ifpoze, ifpozu, biɤa, biɤə, peɤfe, peɤji, peɤji, peɤ, peɤte, fje, faɤpe, faɤpe, xoɤf, fifri, fifri, fəvø, fəve, teɤte, neriɤ, buɤ, ètreɤeɤ, ifpadwe, iftrele, fuve, seifu, seifu, treveɤ, sizeɤ, fʃenufə, iftraɖe, fəme, kufpir, xoɤpirar, xoɤpirar, fti, konoffere, kuneɤə, kuŋqafte, fejrax, fejrar, fase, puɤax, puɤar, findere, xoɤkax, xoɤkar, ifkeɤax, ifkeɤar, fəmine, maɤfe, iftēder, fedəa, iftar, altfa:, fwaɤ, ifprəmeɤ, ifprəmer, əɤtriɤir, əɤtriɤir, iffrigar, iffriɤar, sterɖe, əffugare, əfugar, əfuɤar, əfuga, fāte, ifkoɤeɤ, ifkurer, ifar, kreɤfere, kriɤser, kreɤə, kreɤte, əfu, graɤu, ifpesu, iftrejtu, fo, feju, tɤəɤā, liffo, deɤtru, goɤ, ifkeɤe, go:ɤ, xoɤoɤ, xoɤu, roɤu, doɤɤ, duɤf, tref, fi
17	oj	noj, voj, nojti, froj, rojɤ, dojs, dojɤ, doj
18	v	vu, vo:i, vɔjs, vof, vos, vo:, voj, vose, vɔse, voste, avi, vi, veɤ, verme, veɤmi, vermi, verm, vjeɤ, vjeɤ, vjerme, əkvori, arvuri, selva, seɤva, seɤve, seɤve, ləvɔr, əvɤə, ɤvə, vjāɖ, 'vweɤ, wɔvo, ovu, fəvø, fʃivja, cavej, fəve, kavettsa, voli, vāɤə, vētri, vētri, vē:t, fuve, xivjeɤ, rivi:ɤ, so:vjō, savalon, polvere, polvar, nuvēj, nuvēj, nuvola, nēvwe, treveɤ, vā, vento, vētu, vē, 'vint, vint, neve, nēvi, nēvi, ni:vaj, vwa, via, viə, bevi, vomix, vomitare, vumitaɤ, vumitar, vo:'mi, avomita, vwaɤ, vede:re, veɤ, ver, ve'ji:, 'vjodi, əvedəa, o(w)vix, ovir, savwaɤ, savə:ɤ, save:, vivə, vivere, viveɤ, viver, vivi, via, dividere, dʒividɤix, dividiɤ, dividi, divide, səvɤe, kavare, keɤax, keɤar, ɤə:vle, java:, skavare, ifkeɤax, ifkeɤar, zjava:, naviga:re, navigare, naviɤar, nēviɤar, naviga:, naviga, vole, volare, voax, vwar, vɔle, zvolare, zvola:, vəniɤ, venire, viɤ, vir, vini, viji:, veni, leva:re, ləve, levare, leɤax, livar, leva:, viɤe, virare, virar, lave, lavare, leɤar, lava:, greve, gravi, gravi, grav, grevi, breve, brevi, brevi, nuvo, nwo:vo, novu, nɔ've, vjō, veɤjo, ve:lu, vi:, 'vjeri, veɤç, move, katti:vo, viɤi:ɤo, vermikululus, veɤmej:lu, vermíλλo, veɤme:lu, viɤmej:lu, veɤ, verde, verdi, vɤrt, veɤ, vɤrt, verde, awvu, alvu, vi, ove, əvek, avu

Appendix 3 - Segments used in the word list

19	b	bos, bus, embra, fembra, ombre, be:stia, biffa, bife, bis, abe, berme, arborem, aɣbɤ, albero, abrə, o:b, arbul, arbore, selba, herba, ɛɣb, jerba, ɛrba, erbə, jarbe, jarbə, webo, baɣə, kabejo, kabelu, kəbeɬ, kabesə, bukka, buf, boka, bokka, bokə, bokə, bok, bɔcɛ, bukə, ɣɔb, gamba, ɣɔb, 'jaŋ ^w be, bariya, burtə, jubja, sabulum, sabl, sabula, sabbja, pulbere, polbo, nu:be:s, nube, nu:bilus, nublo, nublada, nebula, njebla, nebbja, tene:braj, tɛ:nebre, tene:bra:s, tenebɤ, tinjeblas, tɛ:nebre, tənebrəs, bjento, ben, njebe, bia, biə, nombre, ombre, bərba, limbə, bibere, bwəɣ, beber, bere, bebeɣ, biɣer, bəwɛɣ, bɔɣ, bevi, bɛa, bomitar, bumita, ber, bəwɛɣ, saber, sabɛɣ, səber, bibir, biwɛɣ, battuere, batɣ, batir, battere, bateɣ, bɛter, batrə, bate, bati, dibidir, dibidi, kabar, kəba, eskabar, nabegar, nəbəga, bolar, bula, zbura, ambita:re, benir, bəni, jebat, ɬəba, birar, bira, tɔbe, tumbat, tɔbɛɣ, tɔbar, tumba, bɣyle, brutfare, bɣu:le, bruza, flābe, grabe, brewis, bɣɛf, brebe, brɛve, brɛvi, brɛvi, brew, bɣɛf, subti:lem, subtsire, bjexo, bɛɬ, bonum, bɔ, bweno, bwɔ:no, bɔn, bɔŋ, bun, brut, hebes, baɣna:to, ba'na:t, bermexo, bərmɛɬ, rubeus, rubjo, rɔbbjo, rubeo, rojb, berde, galbinus, galben, albus, albo, alb, ibi, ubi, abhoc
20	i:	ei, muir, muir, maritus, marit, ra:di:kem, ra:di:ke, radi:ɣe, ra:di:ki:na, pi:, pi:t, intesti:no, fi:ka:tum, ri:wus, ri:pa:ria, rivi:ɣ, pi:ɣ, kali:ginem, si:ɣ, ɣi:l, ni:vaj, kammi:num, maɣi:, sysi:, spi:ra:re, ri:de:re, ri:dere, ɣi:ɣ, vɛ'ji:, aɣdi:re, udi:re, ɔ'ji:, ski:re, senti:re, sinti:, dormi:re, durmi:, wi:were, muri:, okki:dere, ɣɛsi:, teji:, di:widere, parti:re, parti:, nɛɣi:, ma:ɣɣi:, weni:re, viji:, ho:si:, strengi:, pu:si:, lanci:, lɔji:, di:kere, di:ɣ, di:, skori:, subti:lem, sutil, fri:gidum, vi:, katti:vo, mo:si:, mu'ji:, viɣi:no, di:re:ktus, k ^w i:ink ^e , ekkumhi:k, ibi:, ki:, si:k, si:, ki:
21	ɬ	ɛɬos, moɬɬe, muɬɛɣ, muɬer, muɬe, moɬɬe, muɬɛɣ, muɬer, muɬe, useɬ, pioɬu, poɬ, semiɬa, ɬəvor, ɬəɬa, foɬɛ, fuɬə, peɬ, kəbeɬ, oreɬə, oreɣɬə, ureɬə, oɬu, rodiɬa, ɣueɬu, kɔɬ, əpaɬɬə, ɬunə, ɬak, taɬɬa:re, taɬaɣ, teɬar, təɬa, ɬəba, ɬənsa, ɬiya, ɬoŋ, ɬark, ɬeno, veɬu, beɬ, ɬis, muɬat, ɬuɣ, vermiɬɬo, vɛɬmeɬu, virmɛɣɬu, bərmɛɬ, əɬa
22	l	lo:ro, elis, elif, ille, səɬa, kwello, akilu, ɛkilu, el, lu:i, eli, eli, mulierem, mulier, animalia, alimaja, nema:l, awikellum, utɣello, utɣel, peduklus, pedoli, arɣol, albero, arbul, silwa, selba, selva, selve, pa:lus, pal, palo, pa:l, folia, ərel, flo:rem, floɣ, flor, floɣ, flɔ, flɔɣ, flo:ɣ, floare, pjel, pɛlle, pɛli, pɛli, 'pjel, pjele, kola, plu:ma, plym, pluma, plomə, plɔm, plume, pilus, pwal, pelo, pelu, pilu, pɛl, pe:l, kapillus, kapello, kabelu, kɛɬelu, o:rikla, orele, okulus, voli, gula, gɔɛl, gola, golə, gɔle, ɔgl, 'ɔŋgule, ɣɛ'noli, a:ɬa, el, ala, alə, ale, kollum, kollo, kɔlu, kwel, spatula, epol, espalda, spalla, spal, spale, alma, alme, so:lem, sol, sole, sɔl, sɔb, solikulus, sɔlej, soreli, lu:na, lyn, luna, lue, lɔn, lune, lunə, ste:lla, etwal, stella, istreɬə, iftreɬə, əstɛl, stɔ:l, stele, pluwia, plɣi, pluɣə, plu:ɣ, ploje, plɔaje, 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, savalɔn, sabula, pulwerem, polvere, pɔlvar, pulbere, pulwus, polbo, pols, nu:bilus, nublo, nuvola, nublada, nu:l, kali:ginem, kalina, kalidɣine, kalizɛj, kɛlizɛj, nebula, njɔly, njebla, newlə, tinjeblas, kajlum, sjel, ɔjelo, ɣɛlo, sel, ɣi:l, gelu:, ɣel, jelo, ɣɛlo, ling ^w a, lɔg, lengwa, lingwa, ligwɛ, lɛu, 'lɛnge, limbə, sufle, soplar, olɛ:re, olɛr, olire, ulura, flɛɛ, flɛjra, pulsa:re, pulsare, pulsa:, pulsa, ta:lia:re, jugula:re, ɣyɣyle, jugula:re, ɣəvle, wolare, vole, bolar, volare, bula, vɔle, zvolare, zvolar, leva:re, ləve, levare, levəɣ, livar, leva:, lua, altia:re, alθar, altsare, əlsa, altɣa:, lawa:re, lave, laɣar, lavare, levar, lava:, la, limpida:re, limpjar, lipar, pulsa:, lankea:re, lɔse, lanθar, lanɣare, lɛsa, lɛsar, lancir, lanɣa:, liga:re, lie, legar, legare, lɔji:, lea:, lega, lu:dere, ludir, flu:ktua:re, flyktɣe, flugtwar, fluttuare, flutuəɣ, flutuar, fluktua, fluctua, fluita:re, fluitare, fluere, flye, fluir, fluire, flwɣ, flwir, flui, ko:la:re, kule, kolar, kolare, kɔle, gela:re, ɣɔle, elar, ɣɛlare, ɣilar, ɣɔla, ɣɛale, glakia:re, glase, gləsa, glatɣa:, inglakia:re, infla:re, əfle, imfla, ɛfle, enfla:, umfla, konfla:re, gɔfle, ɣglɔŋfa:, bɣyle, bɣu:le, flamma:re, flɔbe, flamear, flagra:re, flagɛ, flagrar, flagrare, flagɣaɣ, 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, ləɣ, larɣo, largo, ləɣu, largu, lark, larg, la:tus, le, lato, latu, lat, amplus, əpl, amplə, lurdus, luɣ, lerdo, lordo, pitulus, pikkolo, piɣul, de:lika:tus, deɣaɔo, delikato, dɛlikat, subti:lem, sutil, sottile, suptil, suti:l, kalidum, kaliɔo, kaldo, ple:num, plɛ, 'plɛŋ, plin, malo, sal, affila:to, əfilat, sinfilo, lis, liso, liffo, lizu, slis, lwɛ, lexos, lonta:ro, lɔzi, lɔzi, lɔ, lon'taŋ, vermikululus, galbinus, galben, amarellus, ɛmaɛɛlu, ɛmɛɛɛlu, albus, albo, alvu, alb, illa:k, la

Appendix 3 - Segments used in the word list

23	r	<p>lo:ro, mulierem, mui:r, mujere, mulier, mui:r, mujere, mari:tus, marito, mari:t, mærit, ma:trem, ma:dre, mari, patre, pa:dre, pæ:r, pari, passerem, passero, serpentem, serpente, særpen, sarpint, serpens, særpe, wermem, verme, vjer, vjerme, arborem, arbul, arbore, fruktus, frutto, frut, frukt, lævor, frondea, frondza, ra:di:kem, raiθ, ærel, ra:di:ke, radi:tfe, ra:di:kina, rædæfina, kortikem, korti:fe, kortikea, kortettfa, skortea, skørtsa, æskørsæ, skwartse, flo:rem, flo:r, herba, erba, erbæ, jarbe, gra:men, korda, karnē, karne, ca:r, grasso, kornu:, kørno, 'kwa:r, o:rikla, orekkja, orele, ureke, nari:fe, na:rīs, piθ'or, kru:s, roði:la, wenter, bariya, dorsum, kor, kwore, kør, ku:r, soreli, ri:wus, rio, riw, riw, ri:pa:ria, rivi:æ, mare, mar, ma:r, sare, petra, pje:tra, pje:re, hare:na, arina, soræ, pulwerem, polvere, pølvar, pulbere, terra, tjera, terra, tæra, tjere, tsaræ, nor, neguræ, tene:braj, tæ:nebre, tene:bra:s, tæ:nebre, dger, kinerem, tferene, sendræ, stra:ta, strada, diurnum, dgorno, diurna:ta, dgor nata, dzornade, bibere, komedere, manduka:re, morde:re, mærdere, mwardi, morsika:re, morsikare, musægar, murseka, su:gere, konspuere, sputere, womere, fla:re, spi:ra:re, respirar, respirare, ræspira, respira:, ri:de:re, reir, ri:de:re, riwæ, 'ridi, wide:re, aude:re, ski:re, sapere, kogno:skere, konoffere, ko:gita:re, kodgitare, pe:nsa:re, senti:re, sentire, ole:re, olire, odo:ra:re, odorare, fra:gra:re, fragrare, time:re, temere, tremere, tremare, trima:, dormi:re, dormire, durmi, durmi:, dormi, wi:were, vivere, morire, muri:, muri, neka:re, annegare, tu:ta:ri, makta:re, okki:de:re, pugna:re, pu:gnare, battuere, battere, kaptia:re, katfare, pulsa:re, pulsare, seka:re, segare, kurta:re, ekskurta:re, skortare, skurta:, skurta, ta:lia:re, ta:lla:re, di:widere, dividere, skindere, findere, findere, fendere, parti:re, partire, pærti, parti:, se:para:re, separare, separa:, separa, pungere, pundgere, jugula:re, jugula:re, ra:de:re, raer, radere, rawræ, rada:, rade, rasar, rasare, ræza, rasa, raskar, ræska, fodere, kawa:re, kavare, ekskawa:re, skavare, nata:re, naviga:re, navigare, wola:re, mergere, mærdgere, mærdge, ambita:re, andare, weni:re, ekstendere, estendere, jake:re, dger, sede:re, sedere, sedenta:re, sta:re, stare, leva:re, levare, altia:re, alsare, torna:re, tornare, turna, turne, torna:, turna, gya:re, dgerare, dgera:, virare, tork'e:re, tærfere, turser, tærsæ, tæarfere, kadere, kawræ, dare, dar, donare, tene:re, eksprimere, spræmere, iθpræmæ, iθpræmer, esprimi, skreme, serrere, serar, særa, serare, θerar, serrare, appektora:re, stringere, strindgere, æθrigriz, æθrigriz, stringe, strængi:, strindge, frika:re, fregare, froj, frea, freka, frika:re, frettare, frisar, lawa:re, lavare, tergere, tærdgere, ekstergere, æstærgi, fterdger, eksu:ka:re, affugare, limpida:re, tira:re, tirare, tire, tira:, trahere, trarre, traj, tradge, impingere, impindgere, jakta:re, dgettare, lankea:re, lanfare, e:runkare, arankar, arronfare, liga:re, legare, apta:re, ko:nsuere, kufire, komputa:re, kontare, e:numera:re, enumerare, numara, di:kere, dire, ekspone:re, sporre, kanta:re, kantare, lu:de:re, joka:re, døkare, flu:ktua:re, fluttuare, fluita:re, fluitare, fluere, fluire, ko:la:re, kolare, ekskurrere, eskurir, skorrere, æskoræ, skori:, kurrere, korer, korrere, koræ, kori, gela:re, dgelare, glakia:re, gjattfjare, inglakia:re, augmenta:re, augmentare, infla:re, enfiare, konfla:re, gonfjare, intume:skere, kre:ske:re, kreffere, brufjare, bruza:, krema:re, kremare, kræma, flamma:re, fjammar, arde:re, ardere, flagra:re, flagrare, inkendere, inθfendjare, ustula:re, ustolare, ustura, alter, altro, altri, grandem, grande, gran, grant, majjo:rem, largus, largo, lark, larg, krassus, grasso, gras, gras, gurdus, grossus, grøssu, grwæs, gros, grawis, greve, grav, grevi, lurdus, lordo, kurtus, korto, kurt, brewis, breve, striktus, stretto, stret, strimt, mærun, subtsire, fri:gidum, fred:o, 'fret, 'vjeri, trist, putridum, puri, marθo, 'frait, sordidus, spærko, spærk, re:ktum, rekto, drit:o, rekta, dræ:, 'dræt, rotundum, reðondo, ruðo, rø, ta'rønt, korre:ktum, korretto, propij</p> <p>k'um, præ, dekstrum, destro, di:re:ktus, dæstra, direjtæ, dræ:t, sinistro, æskeræ, russus, roxo, rosso, ros, røs, vermikul, vermi:la, bærmæ, rubeus, rubjo, ræbbjo, rubeo, ruðge, ræf, rojb, wiridem, verde, væt, amarellus, krokeus, krotjeo, nigrum, negro, neri, tre:s, tre, træs, trø:, 'tre:, trej, k'attwor, kwattro, kwatri, patru, prok'id, perke, pærke</p>
24	i	<p>elif, eli, ifæti, iθpoze, iθpozu, pejfi, avi, kijne, sirpæti, vermi, arvuri, simæti, sæmintæ, kærtisi, peli, karni, sægi, sindge, fifri, pilu, dæti, minæ, vætri, iθtrele, flumi, riw, vint, nevi, mæti, nojti, nomi, biθer, minka, iθspirar, aride, kupiser, timer, trimer, siyar, sipærar, naviyæ, neviyar, iθtar, livar, siguræ, siyurar, sizar, epi:tar, strindge, iθfriyar, iθfriyar, impindge, kinta, zilar, ingetsa, kriθser, inθfindge, grædi, gravi, pizaðu, pikenu, bævi, ingust, iθtrejtu, strimt, kæti, kæti, podri, iðdædu, læzi, iθkerðæ, sting, virmejlu, verdi, ki, ædi, kind, in, si, ki, purki</p>
25	h	<p>hik, hominem, homo:, pehø, u:hæ:, herba, æ'hæ:, hare:na, kinoh, hæ:si:, trahere, kya'hæ, hebes, ekkumhi:k, abhoc</p>

Appendix 3 - Segments used in the word list

26	k	<p>hik, kwesto, kwello, akilu, ekilu, sokius, piskem, awikellum, kanem, kan, kane, kēwī, ka, kijne, peduklus, pidakkjo, pødukje, fruktus, frukt, ra:di:kem, ra:di:ke, ra:di:ki:na, kortikem, kortife, kəʃfisi, kərtisi, kortikea, korteθa, kortettja, kəʃfise, kurtise, skortea, ekos, skōtsa, əskōrsə, skwas, skwartse, skqartsə, kōrd, kwerða, korda, kōrde, korðe, kutē, karnē, karne, karne, kəni, karni, karn, saŋk, kornu: kōn, kwerno, kōrno, kwēn, 'kwa:r, korn, kaɥda, kə, kola, koda, kawdē, kua, kōw, kōde, kapillus, kabejo, kapello, kabelu, kəβelu, kəβeɹ, kapitia, kaβeθa, kavettsa, kabesə, kəβesə, kap, o:rikla, orekkja, ureke, okulus, əkkjo, bukka, boka, bokka, bokə, bokə, bək, bukə, kru:s, kamə, dʒenunkç, wiskus, kollum, ku, kwejo, kollo, kōlu, kōɹ, kwel, pektus, kor, kœʋ, kwœre, kœ, kor, kər, ku:ʁ, ku:r, fi:ka:tum, fikat, solikulus, akkwa, lakum, lak, ɹak, saksum, ka:li:ginem, kalina, kalidʒine, kalizēj, kəlizēj, kajkia, kajlum, fokum, fwoko, fək, fu:k, fok, kinerem, kammi:num, kamino, kammīno, kamijnu, kəmiɹnu, kəmi, komedere, komer, kome, kumer, manduka:re, mandukar, minka, morsika:re, moskar, morsikare, murseka, konspuere, kōspye, kuspiʁ, kuspiɹ, eskupir, əskupi, skuɹpa, ski:re, kogno:skere, kōnɛtʁ, konothər, konoffjere, kōnesəʋ, kupiser, kunɛfə, kinəh, kōnosi, kunqafte, kō:gita:re, kɥide, kwidar, kōdʒitare, kuɹɹitar, kuɹɹitar, kujda, kudʒeta, kəɛdɹ, neka:re, neka, makta:re, okki:dere, əksiʁ, uksi, kaptia:re, kaθar, kattfare, kasəʋ, kəsar, kəsa, seka:re, kurta:re, kortar, kōrtəʋ, kurtar, ekskurta:re, ekuste, skortare, skurta:, skurta, skindere, raskar, ʋəʃkaʋ, ʋəʃkar, rəska, kosaɹ, kusar, kawa:re, kabar, kavare, kəʋəʋ, kəʋar, kəba, ekskawa:re, eskabar, skavare, iʃkəʋəʋ, iʃkəʋar, kaminar, kamminare, kəmiɹəʋ, kəmiɹar, kəmina, ekstendere, ekstender, ekstinde, jake:re, kadere, kaer, kadere, kəir, kawrə, kəɛə, eksprimere, ekspremir, skreme, appektora:re, frika:re, freka, frikta:re, ekstergere, eksu:ka:re, uska, jakta:re, lankea:re, e:runka:re, arankar, aruŋka, ko:nsuere, kudɹ, koser, kufire, kuzer, kuzi, kō:z, kuzi, komputa:re, kōte, kontar, kontare, kōtar, kumta, kōnta:, di:kere, ekspō:ner, kanta:re, kantar, kantare, kētar, kənta, kinta, jōka:re, dʒokare, zuka, flu:ktua:re, flyktɥe, fluktua, kō:la:re, kule, kolar, kolare, koəʋ, kuar, kuɹa, kōle, ekskurrere, eskurir, skorrere, iʃkōʋəʋ, iʃkurer, əskorə, skori:, skurdʒe, kurrere, kuɹiʋ, korer, korrere, kōʋəʋ, kuɹer, korə, kori, kurdʒe, glakia:re, inglakia:re, konfla:re, intume:skere, kre:ske:re, kəʋatɹ, kreθer, kreffere, kreseʋ, kriʃser, kreʃə, krefte, krema:re, kəame, kemaɹ, kremare, kəjmare, kejmaʋe, krəma, inkendere, okœ, alkuno, paɹkus, poko, pōko, powku, pək, po:k, lunk, ɹark, lark, krassus, pekeɹo, pekenu, pikenu, pikkolo, kurtus, kuɹ, korto, korto, kuɹtu, kurtu, kurt, ku:ʁ, kurt, striktus, de:lika:tus, delikato, dəlikat, kalidum, kaliðo, kaldo, kēti, kēti, vekç, katti:vo, spərko, spərɹk, re:ktum, rekto, direktu, rektə, aku:tum, kuə'hā, askutsit, sikkus, sek, seko, sekko, seku, sek, sek, korre:ktum, korretto, θerka, dekstrum, di:re:ktus, iθkjerða, iʃkerðe, əskərə, vermikulus, krokeus, krotʒeo, grək, katɹ, kwatro, kwattro, kwatru, kwatrə, kwat, kwatri, sēk, θinko, ʃiŋkwe, siku, siŋk, ʃiŋk, ekkumhi:k, aki, kwi, eki, illa:k, ki, ki:, kwi, kjen, kēj, kēj, kwa, ke, ki, kē, kwē:, kā, kwando, kwēdu, kwan, kwand, kwant, kind, kōmā, komo, kome, komu, kōm, kōmē, kum, nek, kum, kon, kō, ku, avek, si:k, kə, ke, ki, ki, ki:, paʋskə, porke, perke, purke, purki, pərke</p>
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Appendix 3 - Segments used in the word list

27	t	<p> este, kwesto, iftu, tu:, ty, tu, usted, voste, infantem, infante, fante, ifēti, mari:tus, marito, marit, mari:t, mōrit, ma:trem, patre, tata, tatō, be:stia, pefte, uttfello, serpentem, serpjente, serpente, sirpēti, sarpint, fru:ktus, fruto, frutto, frutē, frujt, frut, frukt, simēti, kortikem, kortifje, kortisi, kortikea, korteθa, kortetfja, kurtise, skorteā, kutē, kapitia, kavettsa, testa, tet, testa, testē, tēftē, testō, tēste, tsegastō, dentē, djente, dēnte, dēti, 'dint, dinte, pi:t, wenter, vātē, vētri, vētri, vē:t, burtō, ātraj, tripas, intesti:no, ētrejēs, ētrejēf, spatula, spate, pektus, petto, pejtu, pējtu, pit, pet, pjept, fi:ka:tum, fegato, fō:t, fija:t, fikat, ste:lla, etwal, estreja, stella, istrelē, iftrelē, āstel, stō:l, stele, stēa, la:t, petra, pje:tra, pjatrō, terra, tēx, tjera, terra, tēxē, tēxē, tērā, tēx, tjere, tene:braj, tē:nebre, tene:bras, tenebē, tinjebłas, tē:nebre, trēvef, tēnebrās, fu:ma:ta, fumata, fuma:ta, fumate, wentum, bjento, vento, vētu, 'vint, vint, stra:ta, estrada, strada, istrade, iftraðē, montem, monte, mōti, mōnt, muntē, monta:nea, mōtaņ, montaņa, montaņņa, mōtēņē, mōtēņē, muntāņē, mōntāņē, noctem, nōtte, nojtī, nit, nyt, ļot, nqapte, diurna:ta, dġornata, bērbat, sputere, esputar, sputare, bomitar, vomitare, vumitax, vumitar, bumita, gomita:, avomita, ātōdē, sēņti, sin'ti, fti, kōnetē, kuņqafte, ko:gita:re, kodġitare, kuġitar, kuġitar, kuġeta, senti:re, sātix, sentir, sentire, sētir, sēnti, sēti, sinti:, time:re, temer, temere, temēx, timer, tema, temi, teme, tremere, tremēr, tremare, tremēx, trimer, trima:, tu:ta:ri, tpe, tuwe, makta:re, mate, matar, matax, metar, mōta, uttfidere, battuere, batē, batir, battere, batex, bēter, batrō, bate, bati, kaptia:re, kattfare, kurta:re, kortar, kōtax, kurtar, ekskurta:re, eku:te, skortare, skurta:, skurta, ta:lia:re, toje, taxar, ta:lla:re, ta:laē, tēlar, tēla, teji:, taja:, tēja, fēt, parti:re, paktix, partir, partire, pērtir, pērti, pō:rti, parti:, nata:re, nwtare, ambita:re, ekstendere, etōdē, ekstender, estēndere, istēdēx, iftēder, āstēndrō, ekstinde, sedenta:re, sentar, sētar, senta:, sta:re, ētē, estar, stare, iftar, āsta, sta:, sta, alia:re, altfa:, torna:re, tūxne, tornar, tornare, toxnaē, turnar, turna, tu:rne, torna:, turna, tork^w:re, tōxē, torθer, tōrfere, turser, tōrsō, tōartfe, tōbe, tumbār, tōbaē, tōbar, tumba, tume, tene:re, tēnix, tener, tenere, tēx, ter, tēni, tini, tinji, appetora:re, apretar, ēpirtar, stringere, etēdēx, estreņir, strindġere, āstrizir, āstrizir, āstreņā, stringe, strēngi:, strindġe, frikta:re, fōte, frotar, frettare, tergere, tērdġere, ekstergere, estarsir, āstēzi, fterdġe, tira:re, tixē, tirar, tirare, tira, tire, tira:, trahere, tēxē, trarre, traze, trēzer, trēwra, traj, tradġe, jaktā:re, zōte, dġettare, zejtar, xita, dġete, apta:re, atar, ētar, komputa:re, kōte, kontar, kontare, kōtar, kumta, konta:, kanta:re, fāte, kantar, kantare, kētar, kēnta, fāte, canta:, kinta, flu:ktua:re, flyktpe, flugtwar, fluttuare, flutuax, flutuar, fluktua, fluctua, fluita:re, fluitare, gjattfare, aųgmenta:re, ogmāte, aųmentar, aųmentare, aųmentar, augmenta, intume:skere, entumeθer, itumeser, kēwatē, krefte, ustula:re, ustolare, ustura, to:tus, tu, todo, tutto, todū, tođū, tot, tō, dut, multus, molto, mūjtu, mult, tantus, tanto, tētu, tētu, tant, tanc, alter, otē, otro, altro, owtru, altrō, ōt, altri, alt, grant, la:tus, lato, latu, lat, pe:sant, pesante, pēzat, pezant, pittitus, pēti, pētit, piti, 'pittinus, pittfino, pitulus, kurtus, korto, korto, kuētu, kurtu, kurt, kurt, angustus, angosto, angusto, ingust, striktus, etēwa, estrefjo, stretto, istrejtū, iftrejtū, āstret, stēx:, stret, strimt, minu:tus, minuto, mēnut, minu:t, mērunť, de:lika:tus, delikato, dēlikat, subti:lem, sutil, sottile, suptil, su:ti, suti:l, kēti, kēti, fret, 'fret, wetum, katti:vo, trist, putridum, puđrit, 'frait, putred, brut, re:ktum, rekto, dirējtū, direktu, rēktō, 'dret, drept, rotundum, ton.do, ta'rōnt, rotund, aku:tum, tēāfā, affila:to, āfilat, u'fja:t, askutsit, zmu:sa:to, neted, baņņa:to, mu:lat, ba'ņa:t, korre:ktum, korretto, pēktū, pertu, lonta:no, lon'taņ, departe, dekstrum, djestro, dēstro, dēstru, dēftru, destrō, di:re:ktus, dēwat, dēstra, dirējte, dirējte, dret, drō:t, sinistro, sting, vērt, vērt, prjeto, pretu, tre:s, tēwa, tres, tre, tref, tres, trō:, 'tre:, trej, k^wattwor, katē, kwatro, kwattro, kwatru, kwatrō, kwat, kwatri, patru, kwant, fēmu:t, deintus, et </p>
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Appendix 3 - Segments used in the word list

28	a	<p>sə.la, akilu, fe:mina, fam, embra, femmina, fembra, domina, dam, doṇa, dōnna, infantem, infante, fante, sponsa, esposa, spoza, ispoza, mari:tus, maṛi, mariḏo, marito, maridu, marit, mari:t, maḏre, marə, mari, patre, paḏre, paṛə, pari, tata, tatə, animalia, omaj, alimaṇa, nəmaje, be:stia, biḏja, pwasō, awem, abe, avi, awi, aw, awikellum, wazo, passerem, paxaro, passero, paseru, pasere, kanem, kan, kane, ka, can, sar pint, farpe, farpe, arborem, aṛbṛ, aṛbol, albero, aṛvori, arvuri, aṛbṛ, arbul, arbore, silwa, selba, selva, sewwa, pal, palo, paw, par, semi:la, folia, oxa, fōl:la, frondea, frondza, raiḡ, ʔais, ʔadi, radi:tfe, ra:di:ki:na, ʔasin, kortikea, korteḡa, kortetḏja, skortea, skōrtsa, skwas, skwartse, herba, jerba, ɛrba, jarbe, jarbṛ, gṛamen, grama, gram, kwerḡa, korda, karnḡ, karne, karne, kaṛni, karni, karn, sang*inem, sangre, sangwe, san, sarḡ, adeps, grasa, grasso, baṇṇə, kaṇḏa, kola, koda, kawḏe, kua, plu:ma, pluma, pjuma, penna, peṇa, paṇə, pwal, kapillus, kabejo, kapello, kabelu, ḡivja, cavej, kapitia, kaḡeḡa, kavettsa, kabesṛ, kap, testa, tḡsta, o:rikla, orexa, orekkja, naso, nas, nariḡ, nariḡfe, naris, bukka, boka, bokka, gula, gola, uṇa, ugḡja, pjerna, gamba, kamə, 'jaṇ*be, roḡi:la, manum, mano, maṇ, a:la, ala, a, alə, ale, bariya, paṇḏa, paṇḏe, tripas, spatula, espalda, spalla, iḡpadwṛ, əspa:l:la, spal, spale, spate, san, anima, alma, awmṛ, alme, anime, iyaḡo, fegato, fikat, lu:na, luna, ste:lla, etwal, estreja, stella, ak*a, aywa, akkwa, agwṛ, age, apə, pluwia, jubja, pjodḏja, ri:pa:ria, lakum, lak, lago, lago, lagu, layu, ʔak, mare, mar, maṛ, mar, sal, sale, saw, sare, saksum, sasso, petra, pjeḡra, pje:tra, pjaṛṛ, lapidem, laude, lapide, hare:na, arena, arejṛ, arinṇə, sabulum, sabl, savalaṇ, sabula, sabbja, pṛvar, terra, tjera, terra, tsarṇ, nuvola, nublada, kalina, kalidḡine, kalizḡj, nebula, njebla, nebbja, tinjeblas, fu:ma:ta, fumata, fuma:ta, fumase, fumate, kajkia, ḡeniḡa, wia, vwa, bia, via, stra:ta, estrada, strada, istrade, iḡtraḡḡ, kammi:num, kamino, kammino, kamijṇu, monta:nea, mōṭaṇ, montajṇa, montajṇa, muntajṇə, montajṇe, dia, zṛṇa, diurna:ta, xornada, ḡornata, ḡornade, annum, aṇo, anno, aṇ, aṇ, an, bəṛbat, ling*a, leṇḡwa, lingwa, manduka:re, mandukar, mandḡare, mḡzṛ, mḡzar, mṛzṛ, maṇi:, maṇja:, minka, mwardi, moskar, morsikare, musṛga, musṛga, musṛga, murseka, sugaṛ, sugar, skuṇpa, sputar, sputare, bomitar, vomitare, vumitaṛ, vumitar, bumita, avomita, soplar, soffjare, sopraṛ, suprar, respirar, respirare, ʔeḡpirar, ʔiḡpirar, rəspira, arespira, aride, vwaṛ, avedḡa, awzi, sapere, savwaṛ, saber, sabṛ, savṛ:ṛ, save:, kwidar, koḡitare, kuḡitaṛ, kuḡitar, kujda, kuḡeta, pensar, pensare, pṛsaṛ, pṛsar, pṇsa, pṇsa, ulura, odorare, fragrare, fejraṛ, fejraṛ, fḡjra, tremare, dwaṛmi, via, nṛga, neka, anegar, annegare, makta:re, mate, matar, mataṛ, mṛtar, mṛta, maḏja:, puṇar, puṇṇare, puṇa, battuere, batṛ, batir, battere, bateṛ, batṛə, bate, bati, kaptia:re, fase, kaḡar, katḡfare, kasṛ, kṛsar, kṛsa, caḏja:, puxar, pulsare, puḏaṛ, puḏar, pulsa, segar, segare, segaṛ, siyaṛ, sṛya, kortar, koṛtaṛ, kurtar, skortare, skurta, taxar, ta:l:la:re, ta:lṛ, tḡlar, tḡla, taja:, tṛja, part:re, paṛtiṛ, partir, partire, paḡḡiṛ, parti:, se:para:re, separar, separare, separaṛ, sṛpaṛa, separa:, separa, raer, radere, ʔaer, rawṛ, rada:, rade, rasar, rasare, ʔazar, ʔazar, rṛza, rṛsa, raskar, ʔaḡkaṛ, ʔeḡkar, rṛska, kosaḏ, kusar, kawa:re, kabar, kavare, kevaṛ, kevar, kṛba, java:, ekskawa:re, eskabar, skavare, iḡkevaṛ, iḡkevar, zjava:, nata:re, nadar, nwotare, nadaṛ, neḡar, nṛda, nada:, naviga:re, naḡe, nabegar, navigare, naviyaṛ, neviyaṛ, nṛbṛga, naviga:, naviga, bolar, volare, voaṛ, vwar, bula, zvolare, zbura, kaminar, kamminare, kemijaṛ, kemijaṛ, kṛmina, camina:, maḡfe, ambita:re, andar, andare, ḡdaṛ, ḡdar, jake:re, jaḡer, ḡaḡfe:re, zawṛ, swaṛ, sentar, sṛtar, estar, stare, iḡtar, ṛsta, sta, jebar, levare, levaṛ, livar, ʔṛba, lua, altia:re, alḡar, altsare, aḡsa, aḡsar, ṛsa, alḏja:, tornar, tornare, toṇnaṛ, turnar, turna, turna, xirar, ḡirare, ziraṛ, zira, birar, virare, virar, bira, kadere, fwaṛ, kaer, kadere, kawṛ, ḡjade, tu</p> <p>mbar, tṛbaṛ, tṛbar, tumba, dare, dar, daṛ, dar, da, donare, donar, doa, duar, duna, segurar, siguraṛ, siyurar, serar, seṛa, sṛrar, sṛra, serare, ḡerar, serrare, siṛar, appekto:re, apretar, eḡirtar, fregar, fregar, frṛga, frea, freka, iḡfrigar, iḡfriyaṛ, frotar, frettare, frisar, frṛsa, lawa:re, lave, laḡar, lavare, levar, lava:, la, estarsir, enxugar, affugare, ḡugar, ḡuyar, ḡuga, uska, limpiar, lipar, tirar, tirare, ḡira, tira, trahere, trarre, traze, traḡe, jakta:re, eḡar, ḡettare, zejtar, xita, lankea:re, lanḡar, lanḡare, lṛsa, lṛsar, lṛnsa, lanci:, lanḏja:, arankar, arronḡare, arunḡa, legar, legare, ʔiya, lega, apta:re, atar, ṛtar, kontar, kontare, kṛtar, kumta, enumerar, enumerare, enumera, numara, kanta:re, kantar, kantare, keḡtar, kṛnta, canta:, kinta, xugar, ḡokare, zogaṛ, zuyar, zuga, zuka, flugtwar, fluttuare, flutuṛ, flutuar, fluktua, fluctua, fluitare, kolar, kolare, koaṛ, kuar, kuḡa, elar, ḡelare, zilar, zṛla, ḡale, glakia:re, glase, gjaḡḡare, glṛsa, glaḏja:, inglakia:re, ingṛsa, aḡmentar, aḡmentare, aḡmentar, augmenta, iḡḡar, enfiare, iḡar, imfla, umfla, gonḡare, kṛwatṛ, bruḏja:, kṛame, kemar, kremare, kejmare, kejmare, kṛma, flamma:re, flamear, fjammar, flama, arde:re, aḡḡ, arder, ardere, aḡḡ, arde, flagra:re, flagṛ, flagrar, flagrare, flagṛ, flagrar, iḡḡendḡare, iḡḡendḡar, iḡḡḡar, ustolare, ustura, tantus, tanto, tant, tanc, alguno, alkuno, awḡ, aḡḡ, alter, altro, alṛ, alṛi, alt, alius, aw, aḡ, magnus, maṇo, maṇṇo, grandem, grande, grande, gran, grant, mare, largus, laḡz, larḡo, largo, laḡu, larḡu, ʔark, lark, larg, lato, latu, lat, amplus, anḡo, ampjo, amplṛ, krassus, graso, grasso, graḡu, gras, gras, gras, grawis, grabe, gravi, gravi, grav, pe:sant, pesaḡo, pesante, pezadu, pizaḡu, pṛzat, pezar, angustus, angosto, angusto, eḡwa, deḡaḡo, delikato, dewgadu, deḡaḡu, deḡikat, kalidum, kaliḡo, kaldo, fṛwa, maḡum, malo, katti:vo, maw, maḡ, maḡo, sal, murdar, dṛwa, ta:rṛnt, aku:tum, ayuḡo, affila:to, eḡiadu, eḡilat, kṛa'hṛ, askutsit, moxaḡo, baṇṇa:to, muḡat, baḡa:t, ḡerka, aḡḡape, lonḡar, deḡarte, dṛwat, deḡtra, laḡwum, iḡkjerḡa, 'jaṇ*p, galbinus, galben, amarellus, amarijo, emarelu, albus, albo, awvu, alvu, alb, nwaṛ, duas, k*attwor, katṛ, kwatro, kwattro, kwatru, kwatṛə, kwat, kwatri, patru, aki, la, aja, ṛla, ai, kwa, k*ando:, kwando, kwan, kwand, kwant, ad, a, a, abhoc, avek, avu, paṛskṛ</p>
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Appendix 3 - Segments used in the word list

29	e	ekilu, femev, femje, done, ipsozē, merīdu, bišē, paseru, sēlve, frute, foļe, frōse, kēif, košfise, kurtise, eknve, erne, grēme, grēme, koḡde, koḡde, goḡdure, guḡdure, kawde, pene, keḡselu, kabese, keḡseve, teste, teḡte, orele, orejle, neif, boke, upē, peknve, per.ne, ētrepeš, ētrepeš, iḡpadwe, awme, alme, fiḡedu, fiḡeḡdu, lue, istrele, iḡtrele, agwe, suve, pedre, peḡdre, areje, ereje, teḡe, teḡe, kelizēj, nevve, treveš, fumase, sizeš, vie, istrade, iḡtraḡe, kemiju, mōtēje, mōteje, die, enu, liḡwe, seber, meḡar, beḡer, keḡsar, teḡar, peḡtir, siḡesar, veeḡ, veeḡar, veeḡkar, keḡvaḡ, keḡvar, iḡkeḡvaḡ, iḡkeḡvar, neḡar, neviḡar, kemijav, kemijar, zezeḡ, zezer, keir, eḡirtar, levar, trezer, etar, eḡder, eḡiadu, direjte, direjte, iḡkerḡe, eḡarelu, eḡereḡu, dues, dueš, eki, ei, e
30	u:	tu:, lui:, u:he:, fru:ktus, funis, u:, u:f, kornu:, plu:ma, u:j, kru:s, genu:, ku:ḡ, ku:r, lu:na, plu:ḡ, flu:men, nu:be:s, nu:bilus, nu:l, fu:ma:ta, gelu:, fu:mus, fu:k, ḡu:, ḡu:, su:gere, tu:tar:i, tu:rne, eksu:ka:re, pu:si:, lu:dere, flu:ktua:re, bḡu:le, ku:ḡ, minu:tus, minu:t, du:ze:, su:ti, 'ju:f, pu:'ri, aku:tum, u:midum, u:num, iḡemu:t
31	y	ty, fry, plym, lyn, vy, ny, njoly, fyne, nyt, syse, sysi:, kōspyē, zygye, gyra:re, flyktuē, flye, bḡyle, mḡny
32	d	usted, domina, dam, doḡa, dōna, done, dōna, dōem, dōne, dōamnḡ, maridu, ma:dre, pa:dre, peduklus, pidḡkkjo, pedoli, pḡdukje, frondea, ra:di:kem, ra:di:ke, ḡadi, radi:ḡe, ra:di:ki:na, rḡdḡfina, koḡd, korda, koḡde, vjḡd, adeps, goḡdure, kaḡda, koda, kawde, kḡde, coḡadḡ, dentē, dḡ, djente, dente, deḡfi, dēti, dē, 'dint, dinte, pedē, pje:de, dorsum, do, dōsso, dos, dḡ, espalda, iḡpadwē, fiḡedu, pjodḡḡa, pedre, lapidem, laude, lapide, pudḡ, nubladu, sḡdḡ, sendrḡ, sē:d, estrada, strada, istrade, dies, dia, di, diē, diḡ, diurnum, djurno, diurna:ta, xornada, dḡornade, komedere, mandukare, mandukar, morde:re, moḡdḡ, mḡrdere, moḡdeḡ, mwardi, spuda:, ri:de:re, ri:dere, 'ridi, aride, wide:re, vede:re, 'vjodi, avedeḡa, aḡdi:re, ātḡdḡ, udi:re, kḡide, kwidar, kujda, odo:ra:re, odorare, kḡēdḡ, dormi:re, dḡmḡḡ, dormir, dormire, dḡmḡḡ, durmir, durmi, dwaḡmi, durmi:, dormi, okki:dere, utḡidere, uḡide, di:widere, dibidir, dividere, dividiḡ, dibidi, dividi, divide, skindere, sēde, findere, findere, fḡdḡ, ender, fendere, fēdeḡ, fēder, fendrḡ, pwēdḡ, ra:dere, radere, rada:, rade, fodere, nadar, nadaḡ, nḡda, nada:, andar, andare, ēdaḡ, ēdar, ekstendere, etḡdḡ, ekstender, estendere, istēdeḡ, iḡtēder, ḡstendrḡ, ekstinde, sede:re, sedere, fedeḡa, sedentare, tḡdḡ, kadere, kadere, iḡjade, kḡdeḡ, dare, dar, daḡ, dar, da:, da, donare, dōne, donar, doa, duar, duna, dine, erpēdḡ, etḡēdḡ, limpida:re, kudḡ, di:kere, diḡ, deḡir, dire, dizer, di, diḡ, di:, lu:dere, ludir, arde:re, ardḡ, arder, ardere, aḡdeḡ, eḡder, arde, inkendere, ēsḡdje, enḡender, inḡendjare, iḡsḡdjar, ḡsḡsendrḡ, inḡfindje, todo, todḡ, dut, grandem, grande, grande, grēdi, gurdus, gordo, lurdus, lerdo, lordo, pezadu, menudo, miudu, de:lika:tus, du:ze:, deḡḡaḡo, delikato, dewgadḡ, deḡḡaḡu, dḡlikat, kalidum, kaldo, fri:gidum, putridum, podri, putred, sordidus, murdar, dḡwa, drit:ḡ, direjtu, direktu, drḡ:, 'drēt, drept, rotundum, reḡondo, ton.do, iḡidḡdu, rotund, eḡiadu, neted, u:midum, umidu, ud, 'dḡnje, departe, dekstrum, djestro, deḡstro, deḡstru, deḡstru, deḡstrḡ, di:re:ktus, dḡwat, deretḡ, deḡtra, direjte, direjte, dret, drḡ:t, wiridem, berde, verde, verdi, verde, duo:s, doḡ, dos, dojs, dojḡ, dḡ:, doj, duḡ, due, doḡḡ, duas, duḡs, dueš, kḡid, unde, onde, ḡdi, deunde, dḡ, donde, kḡando:, kwando, kwēdu, kwand, kind, kḡo:modo, ad, deintus, dḡ, dins, kḡod, prokḡid
33	f	fe:mina, fam, femmina, femev, femje, fembra, fēm, femine, femeje, infantem, āfḡ, infante, fante, iḡēfi, iḡēti, efḡ, fru:ktus, fḡqi, fruto, frutto, frute, frujt, fry, frut, frukt, folia, fōj, fḡlla, foļe, fuļḡ, fḡj, fwee, fḡaje, frondea, frondza, frōse, frunzḡ, flo:rem, floḡ, flor, fjo:re, floḡ, flo, flo:ḡ, flo:r, flo:re, fu:nis, ḡef, u:f, jifri, jifri, ca:f, fi:ka:tum, fwa, fegato, fiḡedu, fiḡeḡdu, fedḡ, fōt, fijat, fikat, flu:men, fjume, flumi, flumi, flum, fu:ma:ta, fyne, fumata, fuma:ta, fumase, fumate, ne:f, fu:mus, fumo, fumu, fum, fokum, fḡ, fwego, fwḡko, fogu, fḡy, fḡk, fḡ:, fu:k, fok, fla:re, sufle, soffjare, fra:gra:re, fleḡe, fragrare, flajra, findere, fḡdḡ, fendere, fēdeḡ, fēder, fendrḡ, fēt, fodere, fwḡḡ, frika:re, fijeje, fregar, fregare, frḡga, froj, frea, freka, iḡfrigar, iḡfriyar, frikta:re, fḡote, frotar, frettare, frisar, frasa, flu:ktua:re, flyktuē, flugtwar, fluttuare, flutuak, flutuar, fluktua, fluctua, fluita:re, fluitare, fluere, flye, fluir, fluire, flwiḡ, flwir, flui, infla:re, āfle, enfiare, imfla, ēfle, enfla:, umfla, konfla:re, gḡfle, gonfjare, zgloḡfa:, flamma:re, flābe, flamear, fjammare, flama, flagra:re, flagḡe, flagrar, flagrare, flagvḡḡ, flagrar, gḡijef, bḡef, bḡef, fri:gidum, fḡwa, frio, fred:ḡ, friu, frēt, fḡḡ:, 'fret, 'ju:f, 'frait, affila:to, eḡiadu, ḡfilat, sinfilo
34	e:	fe:mina, be:stia, se:mē, seme, pe:l, ste:lla, pje:tra, pje:re, hare:na, nu:be:s, tene:braj, tene:bras, nef, dies, morde:re, ri:dere, wide:re, vede:re, save:, pe:nsa:re, ole:re, time:re, se:para:re, jake:re, ḡḡaḡe:re, sede:re, torkḡe:re, tene:re, e:runka:re, e:numera:re, intume:skere, kre:ske:re, arde:re, omne:s, pe:sant, de:lika:tus, du:ze:, 'fret, ple:num, re:ktum, korre:ktum, di:re:ktus, tre:s, 'tre:

Appendix 3 - Segments used in the word list

35	m	<p>fe:mina, fam, embra, femmina, femev, femjv, fembra, foem, femine, femeje, mulierem, muxer, moλλe, muλεv, muλεr, muλε, muir, mujere, domina, dam, doem, doamnə, hominem, ɔm, ombre, omēj, ɔmēj, ɔmə, ɔm, om, homo: wɔmo, infantem, mulier, muxer, moλλe, muλεv, muλεr, muλε, muir, mujere, mari:tus, maʔi, mariðo, marito, maridu, məriðu, marit, marit, mərit, ma:trem, meʔ, maðre, ma:dre, mēj, marə, meʔ, mari, animalia, omaj, alimaʔa, nema:l, nəmaje, piskem, awem, awikellum, passerem, kanem, serpentem, wermem, berme, verme, veʔmi, vermi, veʔm, vjerme, arborem, se:mē, semiλa, se:me, semēʔi, simēti, simēs, se'mentʃe, səmintʂə, ra:di:kem, kortikem, flo:rem, gra:men, gʁamen, grama, grēmē, grēmē, gram, sangʷinem, o:wum, plu:ma, plym, pluma, pjuma, plomə, plɔm, plumē, gamba, kamə, manum, mē, mano, ma:no, mēw, maʔ, minə, kolum, dorsum, anima, ɔm, alma, awmē, almē, ɔ:m, anime, inimə, fi:ka:tum, so:lem, flu:men, fjume, flumi, flumi, flum, lakum, mare, meʔ, mar, maʔ, mar, meʔ, ma:r, sa:lem, saksum, lapidem, sabulum, pulwerem, ka:li:ginem, fu:ma:ta, fyne, fumata, fuma:ta, fumasə, fumate, kajlum, wentum, niwem, fu:mu, umo, fumo, fumu, fum, fokum, kinerem, kammi:um, ʃəmē, kamino, kammino, kamijpu, kemijpu, kami, montem, mɔ, monte, mōʃi, mōti, mun, mɔnt, muntə, monta:nea, mōtaʔ, montəʔa, montəʔʔa, mōtēʔə, mōtəʔə, muntəʔə, mɔntəʔə, noctem, diurnum, annum, no:men, no:me, nomi, nomi, nɔm, nume, no:minem, nombre, ombre, wo:mo, omēj, ɔmə, limbə, komedere, komer, kome, kumer, manduka:re, mɔʒe, mandukaʔ, mandʒare, mēʒəʔ, mēʒəʔ, məʔʒə, maʔi:, maʔʒə, minka, morde:re, moʔdɛ, morðer, mɔrdere, moʔdɛʔ, murðer, mwardi, morsika:re, moskaʔ, morsikare, musəga, musəgar, musəʒə, murseka, womere, vomix, bomitar, vomitare, vumitaʔ, vumitar, bumita, vo'mi, gomitaʔ, avomita, simʃsi, time:re, temer, temere, teməʔ, timer, temə, temi, teme, tremere, tremet, tremare, treməʔ, trimer, trimaʔ, dormi:re, doʔmiʔ, dormir, dormire, doʔmiʔ, durmir, durmi, dwaʔmi, durmi, dormi, muʔi, morir, morire, moʔvɛ, muʔer, muri, mɔri, muri, muri, makta:re, mate, matar, mataʔ, mətəʔ, mətə, maʔʒə, ʃəmine, kaminar, kamminare, kemijaʔ, kemijar, kəmina, ʃimine, caminaʔ, maʔʃe, ma:ʔʃi, mergere, mərðgere, mərðe, ambita:re, tumbəʔ, tumba, tume, ekspirere, ekspirer, sprəmere, ʃsprəmer, ʃsprəmer, əsprəmə, əsprimi, skreme, limpida:re, limpjaʔ, impingere, impindʒere, əmpəʔə, impindʒe, komputa:re, kumta, e:numera:re, enumeʔe, enumerar, enumerare, enumera, numara, augmenta:re, oɡmāte, aʔmentar, aʔmentare, augmentar, augmenta, imfla, umfla, intume:skere, entumeðer, itumeser, kremare, kʁame, kamar, kremare, kejməʔe, kejməʔe, krəma, flamma:re, flamear, ʃammare, ʃama, omnes, multus, mu, muʃo, molto, mūʃtu, mol, molc, mult, magnus, maʔo, maʔʔo, grandem, majjo:rem, mare, amplus, ampjo, amplə, strimt, minu:tus, mənɔ, menudo, minuto, miudu, miuðu, mənut, minu, minu:t, mərunt, subti:lem, kalidum, fri:gidum, ple:num, nowum, wetum, bonum, maʔum, move, malo, maw, maʔ, mo:, putridum, marʃo, mo:si:, murdar, re:ktum, rotundum, aku:tum, emuse, zmu:sa:to, u:midum, muje, moxaðo, umidu, umiðu, muʔat, muʔi:, korre:ktum, propiŋkʷum, ʔɔŋɡum, dekstrum, ʔəʒwum, vermikululus, veʔmeʃ, bermexo, vermiλλo, veʔmeʔu, viʔmeʔju, bəʔmeʔ, wiridem, amarellus, amarijo, əmaʔelu, əməʔelu, nigrum, u:um, ekkumhi:k, kʷem, kʷo:modo, kɔmā, komo, kome, komu, kɔm, kɔmē, ʃemut, kum, kum</p>
36	r	<p>embra, fembra, muxer, muλεr, ombre, muxer, muλεr, mariðo, maridu, məriðu, marit, maðre, marə, paðre, parə, paxaro, pasəru, pasəre, serpjente, sirpēti, farpe, sjerpe, serp, farpe, berme, vermi, veʔm, arʃol, albero, aʔvori, arvuri, abʔə, par, fruto, frutə, frujt, frōsə, frunzə, kɔrtisi, korteθa, kurtisə, skɔʔartsə, flor, fjo:re, flɔʔare, jerba, ɛʔvə, jarbə, grama, grēmē, grēmē, gram, kwerða, kordə, karne, karni, karn, sangre, grasa, goʔduʔe, gurðuʔe, kwerno, fifri, fifri, korn, pəʔ, orexa, oreʔə, oreʔə, ureʔə, nariθ, naris, nəriʃ, gurə, pjerna, pɛʔnə, piʃʔor, vētri, vētri, burtə, tripas, ētʔrɛnɛs, ētʔrɛʃ, kor, sɔʔare, estreja, istreʔə, ʃtreʔə, mar, pjeðra, pedre, peðre, peðra, pjatʔə, arena, areʔə, ɛʔrɛʔə, ərenə, saʔʃru, treʔvɛʃ, tɔnebrəs, ʃer, estrada, istradə, ʃtradə, djuʔno, zɔʔn, xornada, nombre, ombre, bəʔbat, beber, bere, biʃer, bəʔwə, komer, kumer, mandukaʔ, mandʒare, mēʒəʔ, morðer, murðer, moskaʔ, morsikare, sugar, kufpir, eskupir, esputar, sputare, bomitar, vomitare, vumitar, soplar, soffjaʔe, sopraʔ, suprar, respirar, respirare, ʔɛspiraʔ, ʔiʃpiraʔ, aʔspira, reir, ri:dere, ɛir, riwə, aride, ber, vedere, ver, bəʔwə, oir, udi:re, ovir, saber, səber, konoðer, kupiser, kwidar, kuʒitar, pensar, pensare, pəsar, sentir, sētir, oler, ulura, ʃejraʔ, ʃejrar, fləʒra, temer, timer, tremet, treməʔ, trimer, dormir, durmir, bibir, viver, biwə, morir, muʔer, muri, anegar, matar, mətəʔ, utʃidere, puʔar, batir, bətə, batə, kaθar, kəsar, puxar, puʔar, segar, siʒar, kortar, kurtar, taxar, tɛʔar, dibidir, dividiʔir, ender, fēder, fendə, partir, pərtir, separar, separəʔ, sipərar, səpəra, pūʒir, raer, ɛʔer, rawə, rasar, ɛəzar, raskar, ʔɛʃkar, kusar, kabar, kəʔar, eskabar, ʃkəʔar, nadar, nwotare, nəðar, nabegar, nəʔiʒar, bolar, volare, vwar, zvolare, zbuʔa, kaminar, kamminare, kemijaʔ, andar, ɛðar, benir, venire, vir, ekstender, ʃtēder, əstendə, jaθer, ɔʒaʃe:re, ʒəʒer, zəʔwə, ser, sentar, sētar, estar, ʃtar, jebar, livar, alθar, aʔsar, tornar, turnar, xirar, ɔʒirare, ʒirar, zira, birar, virare, virar, bira, torðer, kaer, kadere, kəir, tumbəʔ, tɔbar, dar, donar, duar, tener, tenere, ter, segurar, siʒuraʔ, siʒurar, ekspirer, əsprəmə, serar, sərar, θerar, siʒar, apretar, ɛpiʔtar, estrepiʔ, əstʔrɛʔə, fregar, frəga, ʃffrigar, ʃffriʒar, frotar, frisar, frəsa, laʔar, ləʔar, estarsir, enxugar, ɛʃugar, ɛʃuʒar, limpjaʔ, lipar, tirar, ʃira, tira, traze, treʒer, treʔwə, ɛʃar, ʒejtar, lanθar, ləsar, arankar, aruŋka, legar, atar, ɛtar, koser, kuzer, kontar, kɔtar, enumerar, enumera, deθir, dizer, kantar, kētar, ludir, xugar, zuʒar, flugtwar, flutuar, fluir, flwir, kolar, kuar, eskurir, ʃfkurir, skurdʒe, koreʔ, kuʔer, kurdʒe, elar, ʒilar, aʔmentar, aʔgmentar, inʃar, ʃar, entumeðer, itumeser, kreðer, kresəʔ, kriʃser, kreʃə, kreʃte, kamar, kejməʔe, flamear, arder, ɛrder, arde, flagrar, flagrar, enθender, ʃsəndʒar, ʃsəndʒar, ənsendə, otro, owtru, altrə, grande, grēʔʒi, grēdi, mare, laryo, largu, λark, graso, grafu, gras, gordo, grosu, grosu, grəs, grabe, gravi, gravi, grew, grew, lerdo, korto, kurtu, kurt, brebe, breʔi, breʔi, brew, estreʃo, istreʒtu, ʃtreʒtu, əstret, frio, friu, frət, reʃe, rəw, poðriðo, podri, puðrit, putred, brut, murdar, direʒtu, direktu, drept, rotund, θerka, pertu, əpɔp, apɔape, departe, djestro, destru, dəstru, destrə, dereʃo, direʒte, dret, ʃθkəʔə, ʃkəʔə, roʃu, bermexo, viʔmeʔju, berde, verdi, vert, verde, amarijo, əmaʔelu, əməʔelu, grɔk, neʒro, negru, neʒrə, pɔjeto, pretu, tres, tref, kwatro, kwatru, kwatrə, porke, purke, purki</p>

Appendix 3 - Segments used in the word list

[illegible]

Appendix 3 - Segments used in the word list

49	p	sponsa, epuz, esposa, spōza, ispoza, iŋpozə, əspōzə, sponsus, epu, esposo, spōzo, ispozu, iŋpozu, əspɔs, spo:s, patre, pex, padre, pa:dre, paj, parə, pɛ:r, pari, piskem, peθ, peŋse, pejfi, peŋsi, pef, pes, peŋte, pwasō, pehō, passerem, paxaro, passero, paseru, pasere, peduklus, pu, pjoxo, pidokkjo, piołu, poł, pju, pedoli, pədukje, serpentem, seŋpɔ, seŋpente, serpente, seŋpɛfi, sirpɛti, sərpen, sjəpɛ, sarpint, farpe, serpens, sjerpe, seŋpe, seŋp, farpe, pa:lus, pal, palo, paw, pa:l, par, jɛp, po, pjel, pelle, peli, peli, peł, pɛ:, 'pjel, pjele, adeps, plu:ma, plym, pluma, pjuma, plomə, plɔm, plumɛ, penna, pɛn, peŋa, pene, peŋə, pen, pene, panə, pilus, pwal, pelo, pelu, pilu, pel, pe:l, pər, kapillus, kapello, kapitia, kap, pedē, pje, pje:de, pɛ, pɛw, pi:, pit, pitʃor, pjerna, pɛkne, pɛr.nɛ, pitʃor, pantfa, pantse, tripas, spatula, epol, espalda, spalla, iŋpadwɛ, əspałłə, spal, spale, spate, pektus, pi, peŋfo, peŋtto, pejtu, pejtu, pit, pɛt, pjept, apə, pluwia, plɔi, pjoddɟa, pluɟə, plu:x, ploje, plɔaje, ripa:ria, petra, pjeŋ, pjeðra, pje:tra, pedre, peðre, peðrə, pi:x, pje:re, pjatrə, lapidem, lapide, pulwerem, pudɛ, polvere, polvar, pulbere, pulwus, polbo, pɔ, pols, nɔapte, konspuere, kɔspye, kuspiɛ, kuspir, eskupir, əskupi, skuja, sputere, esputar, sputare, spuda:, soplar, soprak, suprar, spi:rare, ɛspi:ke, respirar, respirare, ɛŋspirar, ɛŋpirar, rəspira, ɛspi:ke, respirar, arespira, sapere, pɛnsa:re, pāse, pensar, pensare, pɛsə, pɛsar, pənsa, pɛse, peŋsa:, pəsa, pugna:re, puɲar, puɲare, puɲa, kaptia:re, pulsa:re, puse, puxar, pulsare, puʃak, puʃar, pulsa:, pulsa, parti:re, pəstik, partir, partire, pəstik, pɔstik, pɔ:ti, parti:, se:para:re, separar, separare, separak, siŋpɛr, səpəra, separa:, separa, pungere, pweɛk, pundeŋe, pɔziɛ, pɔzi, puɲi, pundeŋe, eksprimere, eŋɛdɛ, ekspremir, spremer, iŋpremer, iŋpremer, əsprem, esprimi, appektora:re, apretar, ɛpirtar, limpida:re, limpjar, lipar, puse, pu:si:, pulsa:, impingere, impindeŋe, əmpɛnə, impindeŋe, apta:re, komputa:re, eksponere, sporre, spune, paɲkus, pø, poko, pɔko, powku, pɔk, pō, pɔ:k, amplus, āpl, ampjo, amplə, spissus, epe, espeso, spesso, espesu, iŋpesu, əspes, spɛ, pɛ:sant, pəzā, pesado, pesante, pezadu, pizaðu, pəzat, pezant, pittitus, pəti, pətit, piti, 'pittinus, pekeŋo, pitfino, pekenu, pikenu, putsin, pitulus, pikkolo, pitful, suptil, plennum, plɛ, pje:mo, pɛ, 'plen, plin, putridum, puri, podriðo, podri, puðrit, pu:ri, putred, sporko, spork, drept, propiŋk*um, pɛ, pɛtu, pɛtu, əpɔp, pɛ, aprəpe, departe, 'fjanɲp, prjeto, pretu, patru, prok*id, pəksə, porke, perke, purke, purki, pərke
50	z	epuz, spōza, ispoza, iŋpozə, əspōzə, spōzo, ispozu, iŋpozu, wazo, frunzə, sizɛf, ʃinize, zi, awzi, ɤaze, ɤazak, ɤazar, rəza, zjava:, zvolare, zvolə:, zbura, zezik, zezek, zezet, zəʃɛa, traze, trezet, kuzet, kuzi, kɔ:z, kuzi, dize, zifɛ, zgloŋfar, bruza:, pəzā, pezadu, pizaðu, pəzat, pezant, zmusə:to, lizu
51	ð	mariðo, mɛriðu, maðre, padre, kwerða, korðe, gurðure, roðiłə, iɤaðo, fiɤeðu, pjeðra, peðre, peðrə, iŋtraðe, morðer, murðer, diviðir, nɛðar, toðu, pesaðo, pizaðu, miuðu, deɤaðo, deɤaðu, kaliðo, podriðo, puðrit, reðondo, ruðo, aɤuðo, moxaðu, umiðu, iθkjerða, iθkerðe
52	ts	sots, səmintə, skortsa, skwartse, skɔartsə, tsəstə, pantse, tsarə, altsare, tsine, ingetsa, putsin, subsire
53	a:	ma:trem, ma:dre, pa:dre, nema:l, pa:lus, pa:l, ra:di:kem, ra:di:ke, ra:di:ki:na, gra:men, car, 'kwa:r, ca:f, na:sus, na:so, na:s, na:ris, ma:mo, a:la, fi:ka:tum, fi:at, ri:pa:ria, la:t, ma:r, sa:lem, sa:l, ka:li:ginem, tene:bra:s, fu:ma:ta, fuma:ta, stra:ta, monta:nea, diurna:ta, manduka:re, manja:, morsika:re, cuca:, spuda:, gomita:, flare, spi:ra:re, respira:, ko:gita:re, pɛnsa:re, peŋsa:, odo:ra:re, fra:gra:re, trima:, neka:re, tu:ta:ri, maktare, ma:fa:, pugna:re, kaptia:re, ca:fa:, pulsa:re, pulsa:, seka:re, sea:, kurta:re, ekskurta:re, skurta:, talia:re, tałłə: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:rɲi:, ambita:re, sedenta:re, senta:, stare, sta:, leva:re, leva:, alia:re, alfa:, torna:re, torna:, gyra:re, dja:ra:, da:, appektora:re, frika:re, frikta:re, lawa:re, lava:, eksu:ka:re, suja:, limpida:re, tira:re, tira:, pulsa:, jaktare, lankea:re, lanfa:, e:runka:re, liga:re, lea:, apta:re, komputa:re, konta:, e:numera:re, kanta:re, canta:, joka:re, dɟuja:, flu:ktua:re, fluita:re, ko:la:re, gela:re, glakia:re, gla:fa:, inglakia:re, aɤgmenta:re, infla:re, enfla:, konfla:re, zgloŋfar, bruza:, krema:re, flamma:re, flagra:re, ustula:re, la:tus, de:lika:tus, affila:to, u'fa:t, zmusə:to, sua:wɛ, baɲa:to, ba'nat, lonta:mo, illa:k
54	ẽ	mẽ, nuvẽ, kelizẽ, kẽ, nẽ, ẽ
55	r	mer, vjer, fry, resen, ɔraj, savɔ:r, mɔri, pɔ:rti, ma:rɲi:, ʃɛ:r, sərər, sere, iŋkurer
56	aj	paj, ɔraj, aɲwə, sajbru, tene:braj, kajkia, kajlum, ni:vaj, nwaje, traj, majjo:rem, 'frajt, duaj
57	e:	pɛ:r, u:hɛ:, pɛ:, ɔ'hɛ:, pje:de, e:w, tɛ:x, tɛ:nebre, tɛ:nebre, ʃɛ:r, pje:mo, kwe:
58	θ	peθ, raiθ, kortɛθa, kaβeθa, nariθ, θjelo, θeniθa, konoθer, kaθar, jaθer, alθar, torθer, θerar, lanθar, deθir, entumeθer, kreθer, enθender, suθjo, θerka, iθkjerða, θinko
59	ej	pejfi, cavej, okej, seju, pejtu, sejfu, areje, fejrak, zejtar, kejməke, istrejtu, trej
60	ej	pejfi, orejłə, seju, pejtu, sejfu, ɛreje, fejrar, kejmare, iŋtrejtu, feju, direjtu, direjte, direjte, virmɛjłə
61	ō	pwasō, pehō, frōse, ōgl, ōg, so:vjō, mōfi, mōti, mōtar, mōtɛpɛ, mōtɛpɛ, nō, tōbe, tōbak, tōbar, kōte, kōtar, gōfle, pō, ōt, lōgu, lō, bō, ɤō, ɤidōdu, rō, lōzi, lōzi, lō, ō, ōdɟi, ōdi, kō
62	ē	ʃjɛ, ʃəmɛ, pɛse, sɛti, sɛde, fɛt, pweɛk, eŋɛdɛ, eŋɛdɛ, ɛsəɟje, kɔmɛ
63	ẽw	kẽw, mẽw, nẽw
64	ẽ	ʃɛ, seŋpɛfi, sirpɛti, sjəpɛ, se:mɛ, semɛfi, simɛti, simɛs, kutɛ, karnɛ, dentɛ, dɛfi, dɛti, dɛ, pedɛ, mɛ, vɛtri, vɛtri, ɛtreɲɛs, ɛtreɲɛf, sɛ, vɛtu, vɛ, pɛsə, pɛsar, sɛfi, sɛtir, kɛdɛ, fɛdɛ, fɛder, istɛdɛ, iŋtɛder, sɛtar, ɛfugar, ɛfuyar, ɛfle, ɛsɟar, kɛti, kɛti, plɛ, sua:wɛ, lwɛ, sɛk, nɛ
65	c	can, car, ɔadə, cavej, ca:f, bɔce, noctem, cuca:, ca:fa:, camina:, lanci:, ɔqase, canta:, fluctua, molc, tanc, abhoc
66	β	arβol, kɛβelu, kaβeθa, kɛβese, sajbru, nuβuł, biβer, səβɛ, laβar, nweβo
67	ł	sełve, sɔł, nuβuł, zɛł, flare, ałsa, ałsar, kułə, flama, ałgũ, ał, deɤaðu, płɛ, małum, mał, łɔŋgum, łəwum

Appendix 3 - Segments used in the word list

68	ʏ	fɪʏi, plʏi, nʏi, kʏide, tʏe, esʏije, flyktʏe
69	dz	frondza, dzornade
70	ø:	flø:ɤ, gø:j, fø:t, stø:l, fø:, bø:ɤ, savø:ɤ, kø:z, stʁø:, fʁø:, drø:, drø:t, nø:ɤ, dø:, trø:
71	g	gra:men, grama, sō:g, gula, gola, golə, gɔle, gurə, ɔg, 'ɔŋgule, ungje, age, lago, 'lenge, gomita:, fragrare, pugna:re, segar, segare, jugula:re, naviga:re, naviga:, mergere, gyra:re, stringere, stringe, strēngi:, fregare, impingere, lega, xugar, glaʃa:, ingetsa, aʏgmentar, augmenta, zgloŋfa:, flagʁaɤ, alguno, magnus, grandem, gran, gʁɑ̃, grant, longo, lung, largus, larg, gras, gurdus, grossus, grosso, grosu, grʁes, gros, grav, grevi, grew, ingust, go:f, sting, grɔk, nigrum, negro
72	g ^w	sang ^w inem, unŋ ^w is, ling ^w a
73	ŋ	saŋgre, saŋ, saŋk, unŋ ^w is, unŋja, 'ɔŋgule, maŋ, aŋ, nɔŋ, leŋgwa, maŋja:, peŋsa:, aruŋka, zgloŋfa:, ʎoŋ, ingust, 'pleŋ, bɔŋ, propiŋk ^w um, 'dɔŋʃe, ʎoŋgum, lon'taŋ, sting, un, ʃiŋkwe, siŋk, 'ʃiŋk
74	ō:	sō:g
75	aʏ	kaʏda, aʏdi:re, aʏgmenta:re, aʏmentar, aʏmentare, aʏgmentar, paʏkus
76	ø	kø, ʃəvø, løn, fø, pø, vjø, dø
77	ɛa	tʃɛastə, stɛa, ʃɛaʃə, nɛa, bɛa, avedɛa, zəʃɛa, fedɛa, kədə
78	k'	ok'
79	ʃ'	piʃ'or, piʃ'or
80	ʃ	'jaŋ ^w be, maŋja:, java:, zjava:, 'dɔŋʃe
81	ŋ ^w	'jaŋ ^w be, 'ʃjaŋ ^w p
82	k:	ɖʒinok:jo, vek:jo
83	ç	ɖʒenuŋkç, çɑ:vle, vekç
84	ʏ	bəriʏa, iʏaðo, fiʏeðu, aʏwa, aʏwə, laʏu, foʏu, musəʏa, siʏar, səʏa, naviʏaɤ, neviʏar, siʏurar, iʃfriʏar, ɛʃuʏar, ʎiʏa, zuʏar, larʏo, deʏaðu, deʏaðu, aʏuðu, seʏu, neʏro, neʏrə
85	ē:	vē:t, sē:d
86	ɑ	ɑtɤaj, am, fwa, hare:na, bwaɤ, taje, ɤaze, gɤa, tɤwa
87	ɔ:	ɔ:m, pɔ:rti, hɔ:si:, nwo:vo, bwɔ:no
88	ej	sɔlej, fɤeje, vɤɤmej
89	k ^w	ak ^w a, tork ^w e:re, propiŋk ^w um, k ^w attwor, k ^w i:nk ^w e, k ^w is, k ^w em, k ^w id, k ^w ando:, k ^w o:modo, k ^w od, prok ^w id
90	ɛʏ	lɛʏ
91	o(w)	o(w)viɤ
92	ŋ	səŋti
93	ʃ'	sɛʃʃiɤ
94	ʃs	simʃsi
95	ũ	pũʒiɤ, pũʒiɤ, mũʒtu, awgũ, aʒũ, ũ
96	ɭ	kosaɭ
97	ɑ:	çɑ:vle
98	ʒ	mũʒtu
99	œ	okœ, œ
100	d:	fred:o
101	t:	drit:o
102	ʏ	kʏa'hã
103	ã	kʏa'hã
104	ɛ	ʎaɛwum
105	ʊ	ɤoʃʊ

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
Snake-Serpens	serpens	s-ay-r-p-ay-n-s
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:mē	s-ai-m-ehn
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:nis	f-U-n-e-s
Skin	kutē	k-u-t-ehn
Meat	karnē	k-ah-r-n-ehn
Blood	sang ^w inem	s-ah-n-gw-e-n-ay-m

Appendix 4 - Word Lists by Language

Bone	os	oh-s
FatNoun	adepts	ah-d-ay-p-s
Egg	o:wum	O-w-u-m
Horn	kornu:	k-oh-r-n-U
Tail	kaŭda	k-au_diphthong-d-ah
Feather	plu:ma	p-l-Ū-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	pilus	p-e-l-u-s
Hair-Capillus	kapillus	k-ah-p-e-l-l-u-s
Head	kapitia	k-ah-p-e-t-e-ah
Head-Testa	testa	t-ay-s-t-ah
Ear	o:rikla	O-r-e-k-l-ah
Eye	okulus	oh-k-u-l-u-s
Nose	na:sus	n-A-s-u-s
Mouth	bukka	b-u-k-k-ah
Mouth-Gula	gula	j-u-l-ah
Tooth	dentē	d-ay-n-t-ehn
Fingernail	ungʷis	u-nya-gw-e-s
Foot	pedē	p-ay-d-ehn
Leg	kru:s	k-r-U-s
Knee	genu:	g-ay-n-U
Hand	manum	m-ah-n-u-m
Wing	a:la	A-l-ah
Belly	wenter	w-ay-n-t-ay-r
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	akʷa	ah-kw-ah
Rain	pluvia	p-l-u-w-e-ah
River	flu:men	f-l-U-m-ay-n
River-Rivus	ri:wus	r-E-w-u-s
River-Riparia	ri:pa:ria	r-E-p-A-r-e-ah
Lake	lakum	l-ah-k-u-m
Sea	mare	m-ah-r-ay
Salt	sa:lem	s-A-l-ay-m
Stone	saksum	s-ah-k-s-u-m
Stone-Petra	petra	p-ay-t-r-ah
Stone-Lapidem	lapidem	l-ah-p-e-d-ay-m
Sand	hare:na	h-ah-r-ai-n-a
Sand-Sabulum	sabulum	s-ah-b-u-l-u-m
Sand-Sabula	sabula	s-ah-b-u-l-ah
Dust	pulwerem	p-u-l-w-ay-r-ay-m
Dust-Pulwus	pulwus	p-u-l-w-u-s
Earth	terra	t-ay-r-r-ah
Cloud	nu:be:s	n-U-b-ai-s
Cloud-Secondary	nu:bilus	n-U-b-e-l-u-s
Fog	ka:li:ginem	k-A-l-E-g-e-n-ay-m

Appendix 4 - Word Lists by Language

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 ^{wa}	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
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

Appendix 4 - Word Lists by Language

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-Gyrare	gyra:re	j-eeh-r-A-r-ay
ToTurnIntransitive-Torquere	tork ^w e:re	t-oh-r-kw-ai-r-ay
ToFall	kadere	k-ah-d-ay-r-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	donare	d-oh-n-ah-r-ay
ToHold	tene:re	t-ay-n-ai-r-ay
ToSqueeze	eksprimere	ay-k-s-p-r-e-m-ay-r-ay
ToSqueeze-Serrere	serrere	s-ay-r-r-ay-r-ay
ToSqueeze-Serare	serare	s-ay-r-ah-r-ay
ToSqueeze-Appetorare	appektora: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
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

Appendix 4 - Word Lists by Language

ToTie	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay
ToSew	ko:nsuere	k-O-n-s-u-ay-r-ay
ToCount	komputa:re	k-oh-m-p-u-t-A-r-ay
ToCount-Enumerare	e:numera:re	ai-n-u-m-ay-r-A-r-ay
ToSay	di:kere	d-E-k-ay-r-ay
ToSay-Exponere	eksपो:nerere	ay-k-s-p-O-n-ay-r-ay
ToSing-AncestralClass	kanta:re	k-ah-n-t-A-r-ay
ToPlay-Ludere	lu:dere	l-U-d-ay-r-ay
ToPlay-Jiocare	joka:re	jg-oh-k-A-r-ay
ToFloat	flu:ktua:re	f-l-U-k-t-u-A-r-ay
ToFloat-Fluitare	fluita:re	f-l-u-e-t-A-r-ay
ToFlow	fluere	f-l-u-ay-r-ay
ToFlow-Colare	ko:la:re	k-O-l-A-r-ay
ToFlow-Excurrere	ekscurrere	ay-k-s-k-u-r-r-ay-r-ay
ToFlow-Currere	kurrere	k-u-r-r-ay-r-ay
ToFreeze	gela:re	g-ay-l-A-r-ay
ToFreeze-Glaciare	glakia:re	g-l-ah-k-e-A-r-ay
ToFreeze-Inglaciare	inglakia:re	e-n-g-l-ah-k-e-A-r-ay
ToSwell	augmenta:re	au_diphthong-g-m-ay-n-t-A-r-ay
ToSwell-Inflare	infla:re	e-n-f-l-A-r-ay
ToSwell-Conflare	konfla:re	k-oh-n-f-l-A-r-ay
ToSwell-Intumescere	intume:skere	e-n-t-u-m-ai-s-k-ay-r-ay
ToSwell-Crescere	kre:ske:re	k-r-ai-s-k-ai-r-ay
ToBurn-Cremare	krema:re	k-r-ay-m-A-r-ay
ToBurn-Flammare	flamma:re	f-l-ah-m-m-A-r-ay
ToBurn-Ardere	arde:re	ah-r-d-ai-r-ay
ToBurn-Flagrare	flagra:re	f-l-ah-g-r-A-r-ay
ToBurn-Incendere	inkendere	e-n-k-ay-n-d-ay-r-ay
ToBurn-AncestralClass8	ustula:re	u-s-t-u-l-A-r-ay
All	omne:s	oh-m-n-ai-s
All-Totus	to:tus	t-O-t-u-s
Many	multus	m-u-l-t-u-s
Many-Tantus	tantus	t-ah-n-t-u-s
Few	paukus	p-au_diphthong-k-u-s
Other	alter	ah-l-t-ay-r
Other-Alius	alius	ah-l-e-u-s
Big	magnus	m-ah-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
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

Appendix 4 - Word Lists by Language

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	propinq*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*attwor	kw-ah-t-t-w-oh-r
Five	k*ink*we	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*is	kw-e-s
Who-Quem	k*em	kw-ay-m
What	k*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
When-Quando	k*ando:	kw-ah-n-d-O
How-Quomodo	k*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

Appendix 4 - Word Lists by Language

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	aʁbʁ	ah-rr-b-rr
Stick	pɑl	p-ah-l
Fruit	fʁɥi	f-rr-eu-e
Seed	gʁɛn	g-rr-ay-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
Rope	koʁd	k-oh-rr-d
Skin	pø	p-oh
Meat	vjad	v-jg-NasalA-d
Blood	sɑ̃	s-NasalA
Bone	os	oh-s
FatNoun	gʁɛs	g-rr-ay-s
Egg	œf	OpenMidNearFrontRounded-f
Horn	koʁn	k-oh-rr-n
Tail	kø	k-uu
Feather	plym	p-l-eeh-m

Appendix 4 - Word Lists by Language

Feather-Penna	pɛn	p-eh-n
Hair	pwal	p-w-ah-l
Hair-Capillus	ʃəvø	shh-aah-v-uu
Head	ʃəvɛ	shh-aah-v-eh
Head-Testa	tɛt	t-eh-t
Ear	oʁɛj	oh-rr-ej_diphthong
Eye	œj	OpenMidNearFrontRounded-jg
Nose	ne	n-ay
Mouth	buʃ	b-u-shh
Mouth-Gula	gœl	g-OpenMidNearFrontRounded-l
Tooth	dɑ	d-NasalA
Fingernail	õgl	on-g-l
Foot	pʃɛ	p-jg-ay
Leg	ʒɑb	gzah-NasalA-b
Knee	ʒœnu	gzah-aah-n-u
Hand	mɛ	m-ehn
Wing	el	ay-l
Belly	vɑtʁ	v-NasalA-t-rr
Guts	ɑtkaj	NasalA-t-rr-a-jg
Neck	ku	k-u
Back	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast	sɛ	s-ehn
Breast-Pectus	pi	p-e
Heart	kœʁ	k-OpenMidNearFrontRounded-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	sœlj	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	ʁy	rr-eeh
River-Riparia	ʁivjɛʁ	rr-e-v-jg-ay-rr
Lake	lak	l-ah-k
Sea	mɛʁ	m-eh-rr
Salt	sɛl	s-eh-l
Stone-Petra	pjɛʁ	p-jg-ay-rr
Sand-Sabulum	sabl	s-ah-b-l
Dust	pudʁ	p-u-d-rr
Earth	tɛʁ	t-ay-rr
Cloud	ny	n-eeh
Fog-Nebula	njɔly	n-jg-euh-l-eeh
Fog-Tenebras	tɛnɛbʁ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-eeh-m-ay
Sky	sjɛl	s-jg-eh-l
Wind	vɑ	v-NasalA
Snow	nɛʒ	n-eh-gzah
Ice	ʒɛl	gzah-eh-l
Fire-Focus	fø	f-uu
Ash	sɑdʁ	s-NasalA-d-rr
Road	vwa	v-w-ah
Road-Camminus	ʃɑmɛ	shh-aah-m-ehnn
Mountain	mɔ̃	m-oon
Mountain-Montanea	mõtɑɲ	m-on-t-ah-VdPalatalNasal
Night	nqi	n-eu-e
Day-Diurnus	ʒuʁ	gzah-u-rr

Appendix 4 - Word Lists by Language

Day-Diurnata	ʒuɾne	gzah-u-rr-n-ay
Year	a	NasalA
Name-Nomen	nõ	n-oon
Tongue	lãg	l-NasalA-g
ToDrink	bwax	b-w-a-rr
ToEat-Manducare	mãze	m-NasalA-gzah-ay
ToBite	moɾdx	m-oh-rr-d-rr
ToSuck	syse	s-eeh-s-ay
ToSpit	kõspyɛ	k-oon-s-p-eeh-ay
ToVomit	vomiɾ	v-oh-m-e-rr
ToBlow	sufle	s-u-f-l-ay
ToBreathe	Ɂespiɾe	rr-ay-s-p-e-rr-ay
ToLaugh	Ɂiɾ	rr-e-rr
ToSee	vɁax	v-w-ah-rr
ToHear	ãtãdx	NasalA-t-NasalA-d-rr
ToKnow-Sapere	savɁax	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kõnetɾ	k-euh-n-eh-t-rr
ToThink	kɁide	k-eu-e-d-ay
ToThink-Pensare	pãse	p-NasalA-s-ay
ToSmell-Sentire	sãtiɾ	s-NasalA-t-e-rr
ToSmell-Fragrare	fleɾe	f-l-eh-rr-ay
ToFear-Tremere	kɁẽdx	k-rr-ehn-d-rr
ToSleep	dõmiɾ	d-euh-rr-m-e-rr
ToLive	vivɾ	v-e-v-rr
ToDie	muɾiɾ	m-u-rr-e-rr
ToKill	nɁaje	n-w-aj_diphthong-ay
ToKill-Tutari	tɁe	t-eu-ay
ToKill-Mactare	mate	m-ah-t-ay
ToKill-Occidere	õksiɾ	euh-k-s-e-rr
ToFight-Battuere	batɾ	b-ah-t-rr
ToHunt-Captiare	Ɂase	shh-ah-s-ay
ToHit	puse	p-u-s-ay
ToCut	sɁe	s-jg-ay
ToCut-Excurtare	ekuɾte	ay-k-u-rr-t-ay
ToCut-Taliare	tãje	t-a-jg-ay
ToSplit-Scindere	sẽde	s-ehnn-d-ay
ToSplit-Findere	fãdx	f-NasalA-d-rr
ToSplit-Partire	pãtiɾ	p-ah-rr-t-e-rr
ToSplit-Separare	sõvɾe	s-aah-v-rr-ay
ToStab	pɁẽdx	p-w-ehnn-d-rr
ToStab-Iugulare	ʒyɁyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	Ɂaze	rr-a-zz-ay
ToDig	fwɾ	f-w-e-rr
ToSwim-Navigare	nãze	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	Ɂəmine	shh-aah-m-e-n-ay
ToWalk-Marcher	mãɁɛ	m-ah-rr-shh-ay
ToCome	võniɾ	v-aah-n-e-rr
ToLieAsInABed	etãdx	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	ʒeziɾ	gzah-ay-zz-e-rr
ToSit	swax	s-w-ah-rr
ToStand	etɾ	eh-t-rr
ToStand-Levare	lõve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive	tuɾne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	ʒiɾe	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	viɾe	v-e-rr-ay

Appendix 4 - Word Lists by Language

ToTurnIntransitive-Torquere	tɔɾdɪ	t-euh-rr-d-rr
ToFall	fɔwɪ	shh-w-ah-rr
ToFall-Tumbare	tɔbe	t-on-b-ay
ToGive-Donare	dɔne	d-euh-n-ay
ToHold	tɔnɪ	t-aah-n-e-rr
ToSqueeze	ɛpɛdɪ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	sɛɛ	s-ay-rr-ay
ToSqueeze-Stringere	ɛtɛdɪ	ay-t-rr-ehnn-d-rr
ToRub	fɛɛje	f-rr-eh_diphthong-ay
ToRub-Frictare	fɛote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	esɛije	ay-s-eu-e-jg-ay
ToPull	tɪɛ	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahere	tɛɛ	t-rr-eh-rr
ToThrow	zɔte	gzah-aah-t-ay
ToThrow-Lanceare	lɔse	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudɪ	k-u-d-rr
ToCount	kɔte	k-on-t-ay
ToCount-Enumerare	enumɛɛ	ay-n-u-m-ay-rr-ay
ToSay	dɪɪ	d-e-rr
ToSing-AncestralClass	fɔte	shh-NasalA-t-ay
ToPlay-Jiocare	zwe	gzah-w-ay
ToFloat	flyktɛ	f-l-eeh-k-t-eu-ay
ToFlow	flye	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kukɪ	k-u-rr-e-rr
ToFreeze	zɔle	gzah-aah-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell	ogmɔte	oh-g-m-NasalA-t-ay
ToSwell-Inflare	ɔfle	NasalA-f-l-ay
ToSwell-Conflare	gɔfle	g-on-f-l-ay
ToSwell-Crescere	kɛwatɪ	k-rr-w-ah-t-rr
ToBurn-Brojan	bɛyle	b-rr-eeh-l-ay
ToBurn-Cremare	kɛame	k-rr-ah-m-ay
ToBurn-Flammare	flɔbe	f-l-NasalA-b-ay
ToBurn-Ardere	ardɪ	ah-rr-d-rr
ToBurn-Flagrare	flagɛ	f-l-ah-g-rr-ay
ToBurn-Incendere	ɛsɔdje	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okɔ	oh-k-uuh
Few	pɔ	p-uu
Other	otɪ	oh-t-rr
Big-Grandem	gɔɔ	g-rr-NasalA
Long-Longum	lɔ	l-oon
Long-Largum	lɔɜ	l-ah-rr-gzah
Wide	le	l-ay
Wide-Amplum	ɔpl	NasalA-p-l
Thick	gɔa	g-rr-a
Thick-Spissum	epe	ay-p-ay
Thick-Grossum	gɔo	g-rr-oh
Heavy	gɛijɛf	g-rr-e-jg-eh-f
Heavy-Lurdus	luɪ	l-u-rr
Heavy-Pesant	pɔzɔ	p-aah-zz-NasalA
Small	pɔti	p-aah-t-e

Appendix 4 - Word Lists by Language

Short	kuɐ	k-u-rr
Short-Brevis	bɛf	b-rr-eh-f
Narrow-Strictus	etɔwa	ay-t-rr-w-ah
Thin	məny	m-aah-n-eeh
Thin-Delicatus	du:ʒe:	d-U-gzah-ai
Warm	ʃo	shh-oh
Cold	fɛwa	f-rr-w-ah
Full	plɛ	p-l-ehn
New	nuvo	n-u-v-oh
Old	vjɔ	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	dɛwa	d-rr-w-ah
Round	ɔō	rr-on
SharpAsAKnife	tɔ̃fɔ̃	t-rr-NasalA-shh-NasalA
DullAsAKnife	emuse	ay-m-u-s-ay
Smooth	lis	l-e-s
Wet	mujɛ	m-u-jg-ay
Dry	sɛk	s-eh-k
Near	pɛ	p-rr-ay
Far	lwɛ	l-w-ehn
Right-Directus	dɛwat	d-rr-w-ah-t
Left	goʃ	g-oh-shh
Red	ɔu	rr-u
Red-Vermiculus	vɛkɛmj	v-eh-rr-m-eh_diphthong
Red-Rubeus	kuʒ	rr-u-gzah
Green	vɛ	v-ay-rr
Yellow	ʒon	gzah-oh-n
Black	nwaɐ	n-w-ah-rr
One	œ	uuh
Two-Duos	dø	d-uu
Three	tɔwa	t-rr-w-a
Four	katɔ	k-ah-t-rr
Five	sɛk	s-ehn-k
Here	isi	e-s-e
There	la	l-ah
Who-Qui	ki	k-e
What	kwa	k-w-ah
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
With-Abhoc	avek	ah-v-ay-k
And-Et	e	ay
If	si	s-e
Because-Quod	kə	k-aah
Because-Proquid	pəɐskə	p-ah-rr-s-k-aah

Spanish

Appendix 4 - Word Lists by Language

Cognate	IPA	Sounds
I	jo	VdPalatalFricative-oh
We	nos	n-oh-s
YouPlural	bos	b-oh-s
They	ełos	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	doña	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	mariño	m-ah-er-e-dd-oh
Husband-Sponsus	esposo	ay-s-p-oh-s-oh
Mother	maðre	m-ah-dd-er-ay
Father	paðre	p-ah-dd-er-ay
Father-Tata	tata	t-ah-t-ah
Animal	alimapa	ah-l-e-m-ah-VdPalatalNasal-ah
Fish-Piskem	peθ	p-ay-th
Bird-Avem	abe	ah-b-ay
Bird-Passerem	paxaro	p-ah-xha-ah-er-oh
Dog	kan	k-ah-n
Louse	pjoxo	p-jg-oh-xha-oh
Snake	serpjente	s-ay-er-p-jg-ay-n-t-ay
Snake-Serpens	sjerpe	s-jg-ay-er-p-ay
Worm	berme	b-ay-er-m-ay
Tree	arbol	ah-er-bb-oh-l
Forest	selba	s-ay-l-b-ah
Stick	palo	p-ah-l-oh
Fruit	fruto	f-er-u-t-oh
Seed	semi/a	s-ay-m-e-yuh-ah
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	kwerða	k-w-ay-er-dd-ah
Skin	piel	p-jg-ay-l
Meat	karne	k-ah-er-n-ay
Blood	sangre	s-ah-nya-g-er-ay
Bone	weso	w-ay-s-oh
FatNoun	grasa	g-er-ah-s-ah
Egg	webo	w-ay-b-oh
Horn	kwerno	k-w-ay-er-n-oh
Tail	kola	k-oh-l-ah
Feather	pluma	p-l-u-m-ah
Feather-Penna	peña	p-ay-VdPalatalNasal-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kabejo	k-ah-b-ay-VdPalatalFricative-oh

Appendix 4 - Word Lists by Language

Head	kaβeθa	k-ah-bb-ay-th-ah
Ear	orexa	oh-er-ay-xha-ah
Eye	oxo	oh-xha-oh
Nose	naso	n-ah-s-oh
Nose-Nares	nariθ	n-ah-er-e-th
Mouth	boka	b-oh-k-ah
Mouth-Gula	gola	j-oh-l-ah
Tooth	djente	d-jg-ay-n-t-ay
Fingernail	upa	u-VdPalatalNasal-ah
Foot	pje	p-jg-ay
Leg	pjerma	p-jg-ay-er-n-ah
Knee	roðiʎa	r-oh-dd-e-yuh-ah
Hand	mano	m-ah-n-oh
Wing	ala	ah-l-ah
Belly	bariya	b-ah-r-e-juh-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	peʃo	p-ay-ts-oh
Heart-Anima	alma	ah-l-m-ah
Liver	iyaðo	e-juh-ah-dd-oh
Sun	sol	s-oh-l
Moon	luna	l-u-n-ah
Star	estreja	ay-s-t-er-ay-VdPalatalFricative-ah
Water	aywa	ah-juh-w-ah
Rain	jubja	VdPalatalFricative-u-b-jg-ah
River-Rivus	rio	r-e-oh
Lake	lago	l-ah-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
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	noʃe	n-oh-ts-ay
Day	dia	d-e-ah
Day-Diurnus	djurno	d-jg-u-er-n-oh

Appendix 4 - Word Lists by Language

Day-Diurnata	xornada	xha-oh-er-n-ah-d-ah
Year	apo	ah-VdPalatalNasal-oh
Name-Nominem	nombre	n-oh-m-b-er-ay
ManMale	ombre	oh-m-b-er-ay
ManHuman	ombre	oh-m-b-er-ay
Tongue	leggwa	l-ay-nya-g-w-ah
ToDrink	beber	b-ay-b-ay-er
ToEat	komer	k-oh-m-ay-er
ToEat-Manducare	mandukar	m-ah-n-d-u-k-ah-er
ToBite	morðer	m-oh-er-dd-ay-er
ToBite-Morsicare	moskar	m-oh-s-k-ah-er
ToSpit-Exconspuere	eskupir	ay-s-k-u-p-e-er
ToSpit-Sputare	esputar	ay-s-p-u-t-ah-er
ToVomit	bomitar	b-oh-m-e-t-ah-er
ToBlow	soplar	s-oh-p-l-ah-er
ToBreathe	respirar	r-ay-s-p-e-er-ah-er
ToLaugh	reir	r-ay-e-er
ToSee	ber	b-ay-er
ToHear	oir	oh-e-er
ToKnow-Sapere	saber	s-ah-b-ay-er
ToKnow-Cognoscere	konoðer	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	kaðar	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
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	jaðer	VdPalatalFricative-ah-th-ay-er
ToSit	ser	s-ay-er

Appendix 4 - Word Lists by Language

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	bicar	b-e-er-ah-er
ToTurnIntransitive-Torquere	torθer	t-oh-er-th-ay-er
ToFall	kaer	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	donar	d-oh-n-ah-er
ToHold	tener	t-ay-n-ay-er
ToHold-Segurar	segurar	s-ay-g-u-er-ah-er
ToSqueeze	ekspremir	ay-k-s-p-er-ay-m-e-er
ToSqueeze-Serrere	serar	s-ay-r-ah-er
ToSqueeze-Serare	θerar	th-ay-r-ah-er
ToSqueeze-Appetorare	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	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	laßar	l-ah-bb-ah-er
ToWipe-Extergere	estarsir	ay-s-t-ah-er-s-e-er
ToWipe-Exsucare	enxugar	ay-n-xha-u-g-ah-er
ToWipe-Limpidare	limpiar	l-e-m-p-jg-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	puxar	p-u-xha-ah-er
ToThrow	eþar	ay-ts-ah-er
ToThrow-Lanceare	lanθar	l-ah-n-th-ah-er
ToThrow-Eruncare	arankar	ah-r-ah-n-k-ah-er
ToTie	legar	l-ay-g-ah-er
ToTie-Aptare	atar	ah-t-ah-er
ToSew	koser	k-oh-s-ay-er
ToCount	kontar	k-oh-n-t-ah-er
ToCount-Enumerare	enumerar	ay-n-u-m-ay-er-ah-er
ToSay	deθir	d-ay-th-e-er
ToSing-AncestralClass	kantar	k-ah-n-t-ah-er
ToPlay-Ludere	ludir	l-u-d-e-er
ToPlay-Jiocare	xugar	xha-u-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
ToFreeze	clar	ay-l-ah-er
ToSwell	aumentar	au_diphthong-m-ay-n-t-ah-er
ToSwell-Inflate	inþar	e-n-ts-ah-er
ToSwell-Intumescere	entumeθer	ay-n-t-u-m-ay-th-ay-er
ToSwell-Crescere	kreθer	k-er-ay-th-ay-er
ToBurn-Cremare	kemar	k-ay-m-ah-er
ToBurn-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	mutþo	m-u-ts-oh

Appendix 4 - Word Lists by Language

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	maño	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	anfo	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	grave	g-er-ah-b-ay
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Heavy-Pesant	pesaño	p-ay-s-ah-dd-oh
Small-Pittinus	pekeno	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	estreño	ay-s-t-er-ay-ts-oh
Thin	menudo	m-ay-n-u-d-oh
Thin-Delicatus	delyaño	d-ay-l-juh-ah-dd-oh
Thin-Subtilis	sutil	s-u-t-e-l
Warm	kaliño	k-ah-l-e-dd-oh
Cold	frio	f-er-e-oh
Full	leno	yuh-ay-n-oh
New	nweño	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	poñriño	p-oh-dd-er-e-dd-oh
Dirty	suño	s-u-th-jg-oh
Straight	rekto	r-ay-k-t-oh
Round	reñondo	r-ay-dd-oh-n-d-oh
SharpAsAKnife	ayño	ah-juh-u-dd-oh
DullAsAKnife	sinfilo	s-e-n-f-e-l-oh
Smooth	liso	l-e-s-oh
Wet	moxaño	m-oh-xha-ah-dd-oh
Dry	seko	s-ay-k-oh
Near	ñerka	th-ay-er-k-ah
Far	lexos	l-ay-xha-oh-s
Right-Dextrem	djestro	d-jg-ay-s-t-er-oh
Right-Directus	dereño	d-ay-er-ay-ts-oh
Left	iñkjerña	e-th-k-jg-ay-er-dd-ah
Red	roxo	r-oh-xha-oh
Red-Vermiculus	bermexo	b-ay-er-m-ay-xha-oh
Red-Rubeus	rubjo	r-u-b-jg-oh
Green	berde	b-ay-er-d-ay
Yellow-Amarellus	amariño	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

Appendix 4 - Word Lists by Language

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	spoza	s-p-euh-zz-ah
Wife-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Husband	marito	m-ah-r-e-t-oh
Husband-Sponsus	spoza	s-p-euh-zz-oh
Husband-Socius	sɔʎfo	s-euh-ts-oh
Mother	ma:dre	m-A-d-r-ay
Father	pa:dre	p-A-d-r-ay
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʎʎa	b-e-shh-shh-ah
Fish-Piskem	peʎʎe	p-ay-shh-shh-ay
Bird-Avicellum	utʎello	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog	kane	k-ah-n-ay
Louse	pidɔkkjo	p-e-d-euh-k-k-jg-oh
Snake	serpente	s-ay-r-p-ay-n-t-ay
Snake-Serpens	serpe	s-eh-r-p-ay
Worm	verme	v-ay-r-m-ay
Tree	albero	ah-l-b-ay-er-oh
Forest	selva	s-ay-l-v-ah

Appendix 4 - Word Lists by Language

Stick	palo	p-ah-l-oh
Fruit	frutto	f-r-u-t-t-oh
Seed	se:me	s-ai-m-ay
Leaf	fɔʎʎa	f-euh-yuh-yuh-ah
Leaf-Frondea	frondza	f-r-oh-n-VdPalatoAlveolarAffricate-ah
Root-Radix	radi:tʃe	r-ah-d-E-ts-ay
BarkOfATree	kortitʃe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortettʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Skortea	skɔrtsa	s-k-euh-r-VIAAlveolarSibilantAffricate-ah
Flower	fjo:re	f-jg-O-er-ay
Grass	erba	eh-r-b-ah
Rope	korda	k-oh-r-d-ah
Skin	pelle	p-eh-l-l-ay
Meat	karne	k-ah-r-n-ay
Blood	sangwe	s-ah-n-g-w-ay
Bone	osso	euh-s-s-oh
FatNoun	grasso	g-r-ah-s-s-oh
Egg	wɔvo	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	kavettsa	k-ah-v-ay-t-t-s-ah
Head-Testa	testa	t-eh-s-t-ah
Ear	orekkja	oh-r-ay-k-k-jg-ah
Eye	ɔkkjo	euh-k-k-jg-oh
Nose	na:so	n-A-s-oh
Nose-Nares	nari:tʃe	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	unɟja	u-nya-g-jg-ah
Foot	pje:de	p-jg-Eh-d-ay
Leg	gamba	g-ah-m-b-ah
Knee	dʒinok:jo	VdPalatoAlveolarSibilant-e-n-oh-kk-jg-oh
Hand	ma:no	m-A-n-oh
Wing	ala	ah-l-ah
Belly	panʃa	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-eh-t-t-oh
Heart	kwɔre	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

Appendix 4 - Word Lists by Language

Sea	mare	m-ah-r-ay
Salt	sale	s-ah-l-ay
Stone	sasso	s-ah-s-s-oh
Stone-Petra	pje:tra	p-jg-ai-t-r-ah
Stone-Lapidem	lapide	l-ah-p-e-d-ay
Sand-Sabula	sabbja	s-ah-b-b-jg-ah
Dust	polvere	p-oh-l-v-ay-r-ay
Earth	terra	t-eh-r-r-ah
Cloud	nube	n-u-b-ay
Cloud-Secondary	nuvola	n-u-v-oh-l-ah
Fog	kalidzine	k-ah-l-e-VdPalatoAlveolarSibilant-e-n-ay
Fog-Nebula	nebbja	n-ay-b-b-jg-ah
Fog-Tenebrae	te:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	te: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
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	montaɲpa	m-oh-n-t-ah-VdPalatalNasal-VdPalatalNasal-ah
Night	notte	n-euh-t-t-ay
Day	di	d-e
Day-Diurnus	dʒorno	VdPalatoAlveolarSibilant-oh-r-n-oh
Day-Diurnata	dʒornata	VdPalatoAlveolarSibilant-oh-r-n-ah-t-ah
Year	anno	ah-n-n-oh
Name-Nomen	no:me	n-O-m-ay
ManMale	wo:mo	w-O-m-oh
ManHuman	wo:mo	w-O-m-oh
Tongue	lingwa	l-e-n-g-w-ah
ToDrink	bere	b-ay-er-ay
ToEat-Manducare	mandʒare	m-ah-n-VdPalatoAlveolarSibilant-ah-er-ay
ToBite	mordere	m-euh-r-d-ay-r-ay
ToBite-Morsicare	morsikare	m-oh-r-s-e-k-ah-er-ay
ToSpit-Sputare	sputare	s-p-u-t-ah-er-ay
ToVomit	vomitare	v-oh-m-e-t-ah-er-ay
ToBlow	soffjare	s-oh-f-f-jg-ah-er-ay
ToBreathe	respirare	r-ay-s-p-e-r-ah-er-ay
ToLaugh	ri:dere	r-E-d-ay-er-ay
ToSee	,vede:re	v-ay-d-ai-er-ay
ToHear	udi:re	u-d-E-er-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	konoʃfere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink	kodʒitare	k-oh-VdPalatoAlveolarSibilant-e-t-ah-r-ay
ToThink-Pensare	pensare	p-ay-n-s-ah-er-ay
ToSmell-Sentire	sentire	s-ay-n-t-e-r-ay
ToSmell-Olere	olire	oh-l-e-r-ay
ToSmell-Odorare	odorare	oh-d-oh-r-ah-r-ay
ToSmell-Fragrare	fragrare	f-r-ah-j-r-ah-r-ay
ToFear	temere	t-ay-m-ay-r-ay
ToFear-Tremere	tremare	t-r-ay-m-ah-r-ay

Appendix 4 - Word Lists by Language

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	utŋidere	u-t-ts-e-d-ay-er-ay
ToFight	punŋare	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	battere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	kattŋare	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	taʎʎa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ŋindere	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	ŋg-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-Iacere	dʒatŋe: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
ToTurnIntransitive-Gyrare	dʒirare	VdPalatoAlveolarSibilant-e-r-ah-er-ay
ToTurnIntransitive-AncestralClass3	virare	v-e-r-ah-er-ay
ToTurnIntransitive-Torquere	torŋfere	t-euh-r-ts-ay-r-ay
ToFall	kadere	k-ah-d-ay-er-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	donare	d-oh-n-ah-r-ay
ToHold	tenere	t-ay-n-ay-er-ay
ToSqueeze	spremere	s-p-r-eh-m-ay-r-ay
ToSqueeze-Serare	serrare	s-ay-r-r-ah-r-ay
ToSqueeze-Stringere	strindzere	s-t-r-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToRub	fregare	f-r-ay-j-ah-r-ay
ToRub-Frictare	frettare	f-r-ay-t-t-ah-r-ay
ToWash	lavare	l-ah-v-ah-r-ay
ToWipe	terdzere	t-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWipe-Exsucare	aʎŋugare	ah-shh-shh-u-g-ah-r-ay
ToPull	tirare	t-e-r-ah-r-ay
ToPull-Pulsare	pulsare	p-u-l-s-ah-r-ay
ToPull-Trahere	trarre	t-r-ah-r-r-ay
ToPush	impindzere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay

Appendix 4 - Word Lists by Language

ToThrow	dzettare	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	kufʃare	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-Fluitare	fluitare	f-l-u-e-t-ah-r-ay
ToFlow	fluire	f-l-u-e-r-ay
ToFlow-Colare	kolare	k-oh-l-ah-r-ay
ToFlow-Excurrere	skorrere	s-k-oh-r-r-ay-r-ay
ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze	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	gonʃare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreʃʃere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Brojan	brutʃare	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	inʃendjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-AncestralClass8	ustolare	u-s-t-oh-l-ah-r-ay
All	oʒpi	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	mapjo	m-ah-VdPalatalNasal-VdPalatalNasal-oh
Big-Grandem	grande	g-r-ah-n-d-ay
Long-Longum	lungo	l-u-n-g-oh
Long-Largum	largo	l-ah-r-g-oh
Wide	lato	l-ah-t-oh
Wide-Amplum	ampjo	ah-m-p-jg-oh
Thick	grasso	g-r-ah-s-s-oh
Thick-Spissum	spesso	s-p-ay-s-s-oh
Thick-Grossum	grösso	j-r-euh-s-s-oh
Heavy	greve	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	pittʃino	p-e-t-ts-e-n-oh
Small-Pitulus	pikkolo	p-e-k-k-oh-l-oh
Short	korto	k-oh-r-t-oh
Short-Brevis	breve	b-r-eh-v-ay
Narrow	angusto	ah-n-g-u-s-t-oh
Narrow-Strictus	stretto	s-t-r-ay-t-t-oh
Thin	minuto	m-e-n-u-t-oh
Thin-Delicatus	delikato	d-ay-l-e-k-ah-t-oh

Appendix 4 - Word Lists by Language

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	mar~fo	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	li~ffo	l-e-shh-shh-oh
Wet	ban~na:~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	vi~fi:~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	rabbjo	r-euh-b-b-jg-oh
Green	verde	v-ay-r-d-ay
Yellow-Croceus	krot~feo	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	~fi~nkwe	ts-e-nya-k-w-ay
Here	kwi	k-w-e
There	la	l-ah
There-Ibi	vi	v-e
Who-Qui	ki	k-e
What	ke	k-ay
Where-Ubi	ove	oh-v-ay
Where-Unde	onde	oh-n-d-ay
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

Appendix 4 - Word Lists by Language

Cognate	IPA	Sounds
I	ew	ay-w
We	nɔjs	n-euh-jg-s
YouPlural	vɔjs	v-euh-jg-s
They	elis	ay-l-e-s
This	isu	e-s-u
That	akilu	ah-k-e-l-u
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-oh-s-ay
He	eli	ay-l-e
Woman	femeɐ	f-ay-m-ay-ahh
Woman-Mulier	muʎeɐ	m-u-yuh-ay-rr
Woman-Domina	done	d-oh-n-ahh
ManHumanBeing	omẽʃi	oh-m-nasal_diphthong_portuguese1
Child	ĩfẽʃi	een-f-ahn-ts-e
Child-Ninnus	nenẽʃi	n-ay-n-nasal_diphthong_portuguese1
Wife	ispoza	e-s-p-oh-zz-ah
Wife-Mulier	muʎeɐ	m-u-yuh-ay-rr
Husband	maridu	m-ah-er-e-d-u
Husband-Sponsus	ispozu	e-s-p-oh-zz-u
Mother	mẽʃi	m-nasal_diphthong_portuguese2
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bifẽ	b-e-shh-ahh
Fish-Piskem	pejʃi	p-ej_diphthong-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasẽru	p-ah-s-ahh-er-u
Dog	kẽw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	seɾpẽʃi	s-ay-rr-p-ehn-ts-e
Worm	veɾmi	v-ay-rr-m-e
Tree	akvori	ah-rr-v-oh-er-e
Forest	sewva	s-eh-w-v-ah
Stick	paw	p-ah-w
Fruit	frutẽ	f-er-u-t-ahh
Seed	semẽʃi	s-ay-m-ehn-ts-e
Leaf	foʎe	f-oh-yuh-ahh
Leaf-Frondea	frõse	f-er-on-s-ahh
Root	ʁais	rr-ah-e-s
BarkOfATree	kõɾʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kõɾʃise	k-oh-rr-ts-e-s-ahh
Flower	floɾ	f-l-oh-rr
Grass	eɾvẽ	ay-rr-v-ahh
Grass-Gramen	grẽmẽ	g-er-ahn-m-ahh
Rope	kõɾde	k-oh-rr-d-ahh
Skin	peʎi	p-eh-l-e
Meat	kõɾni	k-ah-rr-n-e
Blood	sẽgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun	gõɾdure	g-oh-rr-d-u-er-ahh
Egg	ovu	oh-v-u
Horn	ʃifri	shh-e-f-er-e
Tail	kawde	k-ah-w-d-ahh
Feather-Penna	penẽ	p-ay-n-ahh
Hair	peʎu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u

Appendix 4 - Word Lists by Language

Head	kabese	k-ah-b-ay-s-ahh
Head-Testa	testə	t-eh-s-t-ahh
Ear	oreʌə	oh-er-ay-yuh-ahh
Eye	oʌu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth	boke	b-oh-k-ahh
Tooth	dēʃi	d-ehn-ts-e
Fingernail	uŋə	u-VdPalatalNasal-ahh
Foot	pə	p-eh
Leg	peʁnə	p-ay-rr-n-ahh
Knee	zueʌu	gzah-u-ay-yuh-u
Hand	mēw̃	m-au_diphthong_nasal
Wing	a	ah
Belly	vētri	v-ehn-t-er-e
Guts	ētreʁes	ehn-t-er-ahh-VdPalatalNasal-ahh-s
Neck	kolu	k-euh-l-u
Back-Spatula	ifpadwə	e-shh-p-ah-d-w-ahh
Breast	seju	s-ej_diphthong-u
Breast-Pectus	pejtu	p-ej_diphthong-t-u
Heart	kɔʁ	k-euh-rr
Heart-Anima	awmə	ah-w-m-ahh
Liver	figədu	f-e-g-ahh-d-u
Sun	sow	s-euh-w
Moon	lue	l-u-ahh
Star	istreʌə	e-s-t-er-ay-l-ahh
Water	agwə	ah-g-w-ahh
Rain	ʃuve	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	arejə	ah-er-ej_diphthong-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	teʁə	t-ay-rr-ahh
Cloud	nuvẽʃ	n-u-v-nasal_diphthong_portuguese1
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kalizẽʃ	k-ah-l-e-gzah-nasal_diphthong_portuguese1
Fog-Nebula	neṽwə	n-eh-v-w-ahh
Fog-Fumata	fumasə	f-u-m-ah-s-ahh
Sky	səw	s-eh-w
Wind	vētu	v-ehn-t-u
Snow	ne.vi	n-eh-v-e
Smoke	fumu	f-u-m-u
Fire-Focus	fogu	f-oh-g-u
Ash-Cinisia	sizəʃ	s-een-zz-ahh-shh
Road	viə	v-e-ahh
Road-Strata	istradə	e-s-t-er-ah-d-ahh
Road-Camminus	kamĩnu	k-ah-m-een-VdPalatalNasal-u
Mountain	mōʃi	m-on-ts-e
Mountain-Montanea	mōteʁə	m-on-t-ahn-VdPalatalNasal-ahh
Night	noʃti	n-oj_diphthong-t-eee
Day	diə	d-e-ahh
Day-Diurna	ʒɔʁna	gzah-euh-rr-n-ah

Appendix 4 - Word Lists by Language

Year	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
ManMale	omēj	oh-m-nasal_diphthong_portuguese1
ManHuman	omēj	oh-m-nasal_diphthong_portuguese1
Tongue	līgwe	l-eeen-g-w-ahh
ToDrink	bebeɤ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mēzak	m-ahn-gzah-ah-rr
ToBite	moɤdeɤ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musəga	m-u-s-aah-g-ah
ToSuck	sugaɤ	s-u-g-ah-rr
ToSpit	kuspiɤ	k-u-s-p-e-rr
ToVomit	vumitaɤ	v-u-m-e-t-ah-rr
ToBlow	sopraɤ	s-oh-p-er-ah-rr
ToBreathe	ɤeʃpiɤaɤ	rr-ay-shh-p-e-cr-ah-cr
ToLaugh	ɤiɤ	rr-e-rr
ToSee	veɤ	v-ay-rr
ToHear	o(w)viɤ	ooow-v-e-rr
ToKnow-Sapere	sabeɤ	s-ah-b-ay-rr
ToKnow-Cognoscere	koɤneseɤ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kuɤzitaɤ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pēsəɤ	p-ehn-s-ah-rr
ToSmell-Sentire	sētʃiɤ	s-ehn-VlAlveoloPalatalSibilantAffricate-e-rr
ToSmell-Fragrare	ʃeɤjraɤ	shh-ej_diphthong-er-ah-rr
ToFear	temeɤ	t-ay-m-ay-rr
ToFear-Tremere	tremeɤ	t-er-ay-m-ay-rr
ToSleep	doɤmiɤ	d-oh-rr-m-e-rr
ToLive	viveɤ	v-e-v-ay-rr
ToDie	moɤeɤ	m-oh-rr-ay-rr
ToKill-Mactare	mataɤ	m-ah-t-ah-rr
ToFight-Battuere	bateɤ	b-ah-t-ay-rr
ToHunt-Captiare	kasəɤ	k-ah-s-ah-rr
ToHit	puɤʃaɤ	p-u-shh-ah-rr
ToCut	seɤgaɤ	s-ay-g-ah-rr
ToCut-Curtare	koɤtaɤ	k-oh-rr-t-ah-rr
ToCut-Taliare	taɤlaɤ	t-ah-yuh-ah-rr
ToSplit	dʒiɤvidʒiɤ	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fēdeɤ	f-ehn-d-ay-rr
ToSplit-Partire	paɤʃiɤ	p-ah-rr-ts-e-rr
ToSplit-Separare	seɤparaɤ	s-ay-p-ah-er-ah-rr
ToStab	pūɤziɤ	p-ooo-gzah-e-rr
ToScratch	ɤaeɤ	rr-ah-ay-rr
ToScratch-Rasare	ɤazaɤ	rr-ah-zz-ah-rr
ToScratch-Rasicare	ɤaɤʃkaɤ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	koɤsaɤ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	keɤvaɤ	k-ahh-v-ah-rr
ToDig-Excavare	iɤʃkeɤvaɤ	e-shh-k-ahh-v-ah-rr
ToSwim	nadaɤ	n-ah-d-ah-rr
ToSwim-Navigare	naɤviɤyaɤ	n-ah-v-eee-juh-ah-rr
ToFly	voaɤ	v-oh-ah-rr
ToWalk	keɤmiɤpaɤ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ēdaɤ	ahn-d-ah-rr
ToCome	viɤ	v-e-rr
ToLieAsInABed	iɤtēdeɤ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	zəɤzeɤ	gzah-ahh-zz-ay-rr
ToSit	seɤ	s-ay-rr
ToSit-Sedentare	sētəɤ	s-ehn-t-ah-cr

Appendix 4 - Word Lists by Language

ToStand	iftar	eee-shh-t-ah-er
ToStand-Levare	levaɤ	l-ay-v-ah-rr
ToStand-Altiare	alsa	ah-ssha-s-ah
ToTurnIntransitive	toɤnaɤ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrate	ziraɤ	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	virar	v-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	kɛir	k-ahh-e-er
ToFall-Tumbare	tɔbaɤ	t-on-b-ah-rr
ToGive	daɤ	d-ah-rr
ToGive-Donare	doa	d-oh-ah
ToHold	teɤ	t-ay-rr
ToHold-Segurar	siguraɤ	s-eee-g-u-er-ah-rr
ToSqueeze	ifprɛmɛɤ	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	seɤa	s-ay-rr-ah
ToSqueeze-Serare	siraɤ	s-eee-rr-ah-er
ToSqueeze-Appetorare	ɛpirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	ɔstrɪzɪr	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iffrigar	eee-shh-f-er-eee-g-ah-er
ToWash	lɛvar	l-ahh-v-ah-er
ToWipe-Exsucare	ɛʃugar	ehn-shh-u-g-ah-er
ToWipe-Limpidare	lipar	l-een-p-ah-er
ToPull	ʃira	ts-e-er-ah
ToPull-Pulsare	puʃar	p-u-shh-ah-er
ToPull-Trahere	traze	t-er-ah-zz-ay
ToThrow	zejtɔr	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	lɛsa	l-ahn-s-ah
ToTie-Aptare	ɛtar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kɔtar	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	kɛtar	k-ahn-t-ah-er
ToPlay-Jiocare	zogaɤ	gzah-oh-g-ah-rr
ToFloat	flutuɤ	f-l-u-t-u-ah-rr
ToFlow	flwiɤ	f-l-w-e-rr
ToFlow-Colare	koɤ	k-oh-ah-rr
ToFlow-Excurrere	ifkɔkɛɤ	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	kɔkɛɤ	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	ifɔr	een-shh-ah-er
ToSwell-Intumescere	itumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kreseɤ	k-er-ay-s-ay-rr
ToBurn-Cremare	kejmare	k-diphthong_portuguese-m-ah-er-ay
ToBurn-Ardere	aɤdeɤ	ah-rr-d-ay-rr
ToBurn-Flagrare	flagɤaɤ	f-l-ah-j-rr-ah-rr
ToBurn-Incendere	isendʒiar	een-s-ay-n-VdPalatoAlveolarSibilant - NearCloseFrontUnrounded-ah-er
All-Totus	todu	t-oh-d-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	tɛtu	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	grɛdʒi	g-cr-ahn-VdPalatoAlveolarSibilant-e

Appendix 4 - Word Lists by Language

Long-Longum	lōgu	l-on-g-u
Long-Largum	laɣgu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ẽfu	ahn-shh-u
Thick-Spissum	espesu	ay-s-p-eh-s-u
Thick-Grossum	grosu	g-er-oh-s-u
Heavy	gravi	g-er-ah-v-e
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Heavy-Pesant	pezadu	p-ay-zz-ah-d-u
Small-Pittinus	pekenu	p-ay-k-ay-n-u
Short	kugtu	k-u-rr-t-u
Short-Brevis	br̃evi	b-er-eh-v-e
Narrow-Strictus	istrejt̃u	e-s-t-er-ej_diphthong-t-u
Thin	miudu	m-e-u-d-u
Thin-Delicatus	dewgadu	d-ay-w-g-ah-d-u
Thin-Subtilis	suɸiɰw	s-u-ts-e-w
Warm	kēti	k-ehn-t-eee
Cold	friu	f-er-e-u
Full	ʃɛju	shh-diphthong_portuguese-u
New	novu	n-oh-v-u
Old	veɮu	v-ay-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w
Rotten	podri	p-oh-d-er-eee
Dirty	suɰu	s-u-gzah-u
Straight	dir̃ejtu	d-e-er-diphthong_portuguese-t-u
Round	ɹidōdu	rr-eee-d-on-d-u
SharpAsAKnife	ɛfiadu	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	peɣtu	p-ay-rr-t-u
Far	lōɰi	l-on-gzah-e
Right-Dextrem	destru	d-eh-s-t-er-u
Right-Directus	dir̃ejt̃e	d-e-er-diphthong_portuguese-t-ahh
Left	ɨʃkerð̃e	eee-shh-k-ay-er-dd-ahh
Red	ɹoʃo	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	veɣmeɮu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɛmareɮu	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-oj_diphthong-s
Two-Duas	dues	d-u-ahh-s
Three	tres	t-er-ay-s
Four	kwatru	k-w-ah-t-er-u
Five	siku	s-een-k-u
Here	aki	ah-k-e
There	la	l-ah
There-Adlbi	ai	ah-e
Who-Quem	kēɰ	k-nasal_diphthong_portuguese1
What	ki	k-e
Where-Unde	ōɰɰi	on-VdPalatoAlveolarSibilant-e

Appendix 4 - Word Lists by Language

When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw	n-au_diphthong_nasal
Not-Nec	nẽj	n-nasal_diphthong_portuguese1
At	a	ah
In-In	ẽj	nasal_diphthong_portuguese1
With-Cum	kõ	k-on
And-Et	i	e
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	nɔf	n-euh-shh
YouPlural	voɫ	v-oh-shh
They	eliɫ	ay-l-eee-shh
This	iftu	e-shh-t-u
That	ɛkɪlu	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	muɫer	m-u-yuh-ay-er
Woman-Domina	donɐ	d-oh-n-ahh
ManHumanBeing	ɔmẽj	euh-m-nasal_diphthong_portuguese1
Child	ĩfẽti	een-f-ahn-t-eee
Child-Ninnus	nenẽj	n-ay-n-nasal_diphthong_portuguese1
Wife	ĩɫpozɐ	eee-shh-p-oh-zz-ahh
Wife-Mulier	muɫer	m-u-yuh-ay-er
Husband	mɛrɪðu	m-ahh-er-e-dd-u
Husband-Sponsus	ĩɫpozu	eee-shh-p-oh-zz-u
Mother	mẽj	m-nasal_diphthong_portuguese2
Father	paj	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bɪɫɐ	b-e-shh-ahh
Fish-Piskem	pɛɪɫɪ	p-diphthong_portuguese-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasɛru	p-ah-s-ahh-er-u
Dog	kẽw	k-au_diphthong_nasal
Louse	pioɫu	p-e-oh-yuh-u
Snake	sɪɫpɛti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	sɛɫvɐ	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frutɐ	f-er-u-t-ahh
Seed	simẽti	s-eee-m-ehn-t-eee
Leaf	foɫɐ	f-oh-yuh-ahh
Leaf-Frondea	frõsɐ	f-er-on-s-ahh
Root	ɾɛɪɫ	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

Appendix 4 - Word Lists by Language

Grass	εrvε	eh-er-v-ahh
Grass-Gramen	grεmε	g-er-ahh-m-ahh
Rope	korðε	k-oh-er-dd-ahh
Skin	peli	p-ay-l-eee
Meat	karni	k-ah-er-n-eee
Blood	sεgi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun	gurðurε	g-u-er-dd-u-er-ahh
Egg	ovu	oh-v-u
Horn	ʃifri	shh-e-f-er-eee
Tail	kawdε	k-ah-w-d-ahh
Feather-Penna	pεnε	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	kεβelu	k-ahh-bb-ay-l-u
Head	kεβese	k-ahh-bb-ay-s-ahh
Head-Testa	tεʃtε	t-eh-shh-t-ahh
Ear	orejʎε	oh-er-diphthong_portuguese-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	nεriʃ	n-ahh-er-e-shh
Mouth	bokε	b-oh-k-ahh
Tooth	dεti	d-ehn-t-eee
Fingernail	uɲε	u-VdPalatalNasal-ahh
Foot	pε	p-eh
Leg	pεr.nε	p-eh-er-n-ahh
Knee	ʒueʎu	gzah-u-ay-yuh-u
Hand	mẽw	m-au_diphthong_nasal
Wing	a	ah
Belly	vεtri	v-ehn-t-er-eee
Guts	εtreɲεʃ	ehn-t-er-ahh-VdPalatalNasal-ahh-shh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ʃʃpadwε	e-shh-p-ah-d-w-ahh
Breast	sεju	s-diphthong_portuguese-u
Breast-Pectus	pεjtu	p-diphthong_portuguese-t-u
Heart	kor	k-oh-er
Heart-Anima	almε	ah-l-m-ahh
Liver	fiʎεðu	f-e-juh-ahh-dd-u
Sun	sɔʎ	s-euh-ssha
Moon	luε	l-u-ahh
Star	ʃʃtreʎε	eee-shh-t-er-ay-l-ahh
Water	agwε	ah-g-w-ahh
Rain	ʃuvε	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	ʁiu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sεjʃu	s-diphthong_portuguese-shh-u
Stone-Petra	pεðrε	p-eh-dd-er-ahh
Sand	εrεje	ahh-er-diphthong_portuguese-ahh
Sand-Sabulum	sajβru	s-aj_diphthong-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	tεkε	t-eh-rr-ahh
Cloud	nuvεj	n-u-v-nasal_diphthong_portuguese2
Cloud-Secondary	nubladu	n-u-b-l-ah-d-u
Fog	kεʎizεj	k-ahh-l-e-gzah-nasal_diphthong_portuguese2
Fog-Nebula	neṽwε	n-eh-v-w-ahh
Fog-Tenebras	treṽεʃ	t-er-eh-v-ahh-shh

Appendix 4 - Word Lists by Language

Fog-Fumata	fumasə	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vētu	v-ehn-t-u
Snow	nəvi	n-eh-v-eee
Smoke	fumu	f-u-m-u
Fire-Focus	foɣu	f-oh-juh-u
Ash-Cinisia	sizəʃ	s-een-zz-ahh-shh
Road	viə	v-e-ahh
Road-Strata	ɪʃtraðə	e-shh-t-er-ah-dd-ahh
Road-Camminus	kəmiɲu	k-ahh-m-e-VdPalatalNasal-u
Mountain	mōti	m-on-t-eee
Mountain-Montanea	mōtɐnə	m-on-t-ahh-VdPalatalNasal-ahh
Night	noʃti	n-ɔj_diphthong-t-eee
Day	diə	d-e-ahh
Day-Diurna	ʒɔɹna	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-eeen-g-w-ahh
ToDrink	biʃer	b-eee-bb-ay-er
ToEat	kumer	k-u-m-ay-er
ToEat-Manducare	mẽzar	m-ahn-gzah-ah-er
ToBite	murðer	m-u-er-dd-ay-er
ToBite-Morsicare	musəgar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	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	ʁiʃpirar	rr-eee-shh-p-e-er-ah-er
ToLaugh	ʁir	rr-e-er
ToSee	ver	v-ay-er
ToHear	ovir	oh-v-e-er
ToKnow-Sapere	səber	s-ahh-b-ay-er
ToKnow-Cognoscere	kuniser	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	kuʒitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	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	muʁer	m-u-rr-ay-er
ToKill-Mactare	metar	m-ahh-t-ah-er
ToFight-Battuere	beter	b-ahh-t-ay-er
ToHunt-Captiare	kesar	k-ahh-s-ah-er
ToHit	puʃar	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	pərtir	p-ahh-er-t-e-er
ToSplit-Separare	sipərar	s-eee-p-ahh-er-ah-er
ToStab	pūʒir	p-ooo-gzah-e-er
ToScratch	ʁer	rr-ahh-ay-er

Appendix 4 - Word Lists by Language

ToScratch-Rasare	ʁɛzɑr	rr-ahh-zz-ah-er
ToScratch-Rasicare	ʁɛʃkar	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusɑr	k-u-s-ah-er
ToDig-Cavare	kɛvɑr	k-ahh-v-ah-er
ToDig-Excavare	ɪʃkɛvɑr	e-shh-k-ahh-v-ah-er
ToSwim	nɛðɑr	n-ahh-dd-ah-er
ToSwim-Navigare	nɛviʏɑr	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er
ToWalk	kɛmɪjɑr	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ẽdɑr	ahn-d-ah-er
ToCome	vir	v-e-er
ToLieAsInABed	ɪʃtẽdɛr	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	ʒɛzɛr	gzah-ahh-zz-ay-er
ToSit	sɛr	s-ay-er
ToSit-Sedentare	sɛtɑr	s-ehn-t-ah-er
ToStand	ɪʃtɑr	eee-shh-t-ah-er
ToStand-Levare	lɪvɑr	l-eee-v-ah-er
ToStand-Altiare	ɑlsɑr	ah-ssha-s-ah-er
ToTurnIntransitive	turnɑr	t-u-er-n-ah-er
ToTurnIntransitive-Gyrare	ʒɪrɑr	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	ʒɪrɑr	gzah-e-er-ah-er
ToTurnIntransitive-Torqueare	turser	t-u-r-s-ay-r
ToFall	kɛɪr	k-ahh-e-er
ToFall-Tumbare	tɔbɑr	t-on-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	duɑr	d-u-ah-er
ToHold	ter	t-ay-er
ToHold-Segurar	siɣurɑr	s-eee-juh-u-er-ah-er
ToSqueeze	ɪʃprɛmɛr	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sɛrɑr	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sɪrɑr	s-eee-rr-ah-er
ToSqueeze-Appetorare	ɛpɪrtɑr	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	ɔʃtrɪʒɪr	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	ɪʃfriʏɑr	eee-shh-f-er-eee-juh-ah-er
ToWash	lɛvɑr	l-ahh-v-ah-er
ToWipe-Exsucare	ẽʃuɣɑr	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	lɪpɑr	l-een-p-ah-er
ToPull	tɪrɑr	t-e-er-ah-er
ToPull-Pulsare	pufɑr	p-u-shh-ah-er
ToPull-Trahare	trɛzɛr	t-er-ahh-zz-ay-er
ToThrow	ʒɛjtɑr	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	lɛsɑr	l-ahn-s-ah-er
ToTie-Aptare	ɛtɑr	ahh-t-ah-er
ToSew	kuzɛr	k-u-zz-ay-er
ToCount	kɔtɑr	k-on-t-ah-er
ToCount-Enumerare	enumerɑr	ay-n-u-m-ay-er-ah-er
ToSay	dɪzɛr	d-e-zz-ay-er
ToSing-AncestralClass	kɛtɑr	k-ahn-t-ah-er
ToPlay-Jiocare	ʒuʏɑr	gzah-u-juh-ah-er
ToFloat	flutuar	f-l-u-t-u-ah-er
ToFlow	flwɪr	f-l-w-e-er
ToFlow-Colare	kuɑr	k-u-ah-er
ToFlow-Excurrere	ɪʃkuzɛr	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kuzɛr	k-u-rr-ay-er
ToFreeze	ʒɪlɑr	gzah-eee-l-ah-er
ToSwell	augmentɑr	au_diphthong-j-m-ay-n-t-ah-er
ToSwell-Inflare	ɪʃɑr	een-shh-ah-er

Appendix 4 - Word Lists by Language

ToSwell-Intumescere	ĩtumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriřser	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmaæe	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	ĩsẽdjar	een-s-ehn-d-jg-ah-er
All-Totus	toðu	t-oh-dd-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	tẽtu	t-ahn-t-u
Some	alqũ	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	al	ah-ssha
Big-Grandem	grẽdi	g-er-ahn-d-eee
Long-Longum	lõgu	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	grafu	g-er-ah-shh-u
Thick-Spissum	ĩřpesu	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	ĩřtrejtu	eee-shh-t-er-diphthong_portuguese-t-u
Thin	miuðu	m-e-u-dd-u
Thin-Delicatus	deřyaðu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	suřřiw	s-u-ts-e-w
Warm	kẽti	k-ehn-t-eee
Cold	friu	f-er-e-u
Full	řẽju	shh-diphthong_portuguese-u
New	novu	n-oh-v-u
Old	veřu	v-ay-yuh-u
Good	bõ	b-on
Bad	maw	m-ah-w
Rotten	podri	p-oh-d-er-eee
Dirty	suřu	s-u-gzah-u
Straight	direktu	d-e-er-ay-k-t-u
Round	řidõdu	rr-eee-d-on-d-u
SharpAsAKnife	ẽřiadu	ahh-f-e-ah-d-u
DullAsAKnife	seyu	s-ay-juh-u
Smooth	lizu	l-e-zz-u
Wet	umiðu	u-m-e-dd-u
Dry	seku	s-ay-k-u
Near	pertu	p-ay-er-t-u
Far	lõři	l-on-gzah-eee
Right-Dextrem	deřtru	d-eh-shh-t-er-u
Right-Directus	direjře	d-c-r-diphthong_portuguese-t-ahh
Left	ĩřkerðe	eee-shh-k-ay-er-dd-ahh
Red	řořu	rr-oh-shh-u
Red-Vermiculus	vĩrmẽjřu	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	ẽmẽreřu	ahh-m-ahh-er-eh-l-u

Appendix 4 - Word Lists by Language

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	dojɸ	d-øj_diphthong-shh
Two-Duas	duɸ	d-u-ahh-shh
Three	treɸ	t-er-ay-shh
Four	kwatru	k-w-ah-t-er-u
Five	siku	s-een-k-u
Here	eki	ahh-k-e
There	la	l-ah
There-Adlbi	ei	ahh-e
Who-Quem	kẽj	k-nasal_diphthong_portuguese2
What	ki	k-eee
Where-Ubi	u	u
Where-Unde	õdi	on-d-eee
When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw	n-au_diphthong_nasal
Not-Nec	nẽj	n-nasal_diphthong_portuguese2
At	ɐ	ahh
In-In	ẽj	nasal_diphthong_portuguese2
With-Cum	kõ	k-on
And-Et	i	e
If	si	s-eee
Because-Quod	ki	k-eee
Because-Proquid	purki	p-u-er-k-eee

Catalan

Cognate	IPA	Sounds
I	ʒə	gzah-euh
YouPlural	bus	b-u-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	voste	v-oh-s-t-ay
Woman	fembra	f-ay-m-b-er-ah
Woman-Mulier	muɫe	m-u-yuh-ay
Woman-Domina	dɔnə	d-euh-n-aah
ManHumanBeing	ɔmə	euh-m-aah
Child-Ninnus	nen	n-ay-n
Wife	əspəzə	aah-s-p-euh-zz-aah
Wife-Mulier	muɫe	m-u-yuh-ay
Husband	marit	m-ah-er-e-t
Husband-Sponsus	əspəs	aah-s-p-euh-s
Mother	marə	m-ah-er-aah
Father	parə	p-ah-er-aah
Fish-Piskem	peɸ	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Avicellum	useɫ	u-s-ay-yuh
Dog	ka	k-ah
Louse	poɫ	p-oh-yuh
Snake	sərpen	s-aah-r-p-ay-n
Snake-Serpens	serp	s-ay-er-p
Worm	vɛrm	v-eh-er-m
Tree	abrə	ah-b-er-aah
Forest	selba	s-ay-l-b-ah

Appendix 4 - Word Lists by Language

Stick	pal	p-ah-l
Fruit	frujt	f-er-u-jg-t
Seed	lævor	yuh-aah-v-oh-r
Leaf	fuʎə	f-u-yuh-aah
Root	ərel	aah-r-eh-l
BarkOfATree-Skortea	əskørsə	aah-s-k-euh-r-s-aah
Flower	flə	f-l-euh
Grass	erbə	ay-r-b-aah
Grass-Gramen	gram	g-er-ah-m
Skin	peʎ	p-ay-yuh
Meat	karn	k-ah-er-n
Blood	saŋ	s-ah-nya
Bone	əs	euh-s
Egg	ow	euh-w
Horn	baŋə	b-ah-VdPalatalNasal-aah
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	peŋə	p-eh-VdPalatalNasal-aah
Hair	peɭ	p-eh-l
Hair-Capillus	kəbeʎ	k-aah-b-eh-yuh
Head	kap	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	ureʎə	u-er-eh-yuh-aah
Nose	nas	n-ah-s
Nose-Nares	na:ris	n-A-r-NearCloseFrontUnrounded-s
Mouth	bokə	b-oh-k-aah
Mouth-Gula	golə	j-oh-l-aah
Foot	pew	p-eh-w
Leg	kamə	k-ah-m-aah
Wing	alə	ah-l-aah
Neck	kəʎ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaʎʎə	aah-s-p-ah-yuh-yuh-aah
Breast	si	s-e
Breast-Pectus	pit	p-e-t
Heart	kər	k-euh-r
Liver	fedʒə	f-ay-VdPalatoAlveolarSibilant-aah
Sun	səl	s-euh-l
Moon	ʎunə	yuh-u-n-aah
Star	əstel	aah-s-t-eh-l
Water	ajɣwə	aj_diphthong-juh-w-aah
Rain	pluzə	p-l-u-gzah-aah
River-Rivus	riw	r-e-w
Lake	ʎak	yuh-ah-k
Sea	mar	m-ah-r
Salt	sal	s-ah-l
Stone-Petra	peðrə	p-ay-dd-er-aah
Sand	ərenə	aah-er-ay-n-aah
Sand-Sabulum	sorə	s-oh-r-aah
Dust-Pulwus	pols	p-oh-l-s
Earth	terə	t-eh-r-aah
Cloud-Secondary	nuβuɭ	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

Appendix 4 - Word Lists by Language

Ice	ʒeɪ	gzah-ch-ssha
Smoke	fʊm	f-u-m
Fire-Focus	fɔk	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	ʒɔrn	gzah-oh-er-n
Year	aj	ah-VdPalatalNasal
Name-Nomen	nɔm	n-euh-m
ManMale	ɔmə	euh-m-aah
ToDrink	bɛwɾə	b-eh-w-er-aah
ToEat-Manducare	məɲʒa	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəɣa	m-u-s-aah-juh-ah
ToSpit-Exconspuere	əskupi	aah-s-k-u-p-e
ToVomit	bumita	b-u-m-e-t-ah
ToBreathe	rəspira	r-aah-s-p-e-r-ah
ToLaugh	riwɾə	r-e-w-er-aah
ToSee	bɛwɾə	b-eh-w-er-aah
ToHear	səŋʈi	s-aah-VdApicalDentalNasalStop-t-e
ToKnow-Sapere	səβe	s-aah-bb-eh
ToKnow-Cognoscere	kunɛʃə	k-u-n-eh-shh-aah
ToThink	kujda	k-u-jg-d-ah
ToThink-Pensare	pənsa	p-aah-n-s-ah
ToSmell-Sentire	sənti	s-aah-n-t-e
ToSmell-Olere	ulura	u-l-u-er-ah
ToSmell-Fragrare	flɔjɾa	f-l-aah-jg-er-ah
ToFear	temə	t-ay-m-aah
ToSleep	durmi	d-u-r-m-e
ToLive	biwɾə	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	pɯɲa	p-u-VdPalatalNasal-ah
ToFight-Battuere	batɾə	b-ah-t-er-aah
ToHunt-Captiare	kəsa	k-aah-s-ah
ToCut	səɣa	s-aah-juh-ah
ToCut-Taliare	təʎa	t-aah-yuh-ah
ToSplit	dibidi	d-e-b-e-d-e
ToSplit-Findere	fendɾə	f-eh-n-d-er-aah
ToSplit-Partire	pərti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab	pɯɲi	p-u-VdPalatalNasal-e
ToScratch	rawɾə	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	əstendɾə	aah-s-t-ay-n-d-er-aah

Appendix 4 - Word Lists by Language

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-Gyrate	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	əstreŋə	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	əmpreŋə	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	lənsa	yuh-aah-n-s-ah
ToTie	liya	yuh-e-juh-ah
ToSew	kuzi	k-u-zz-e
ToCount	kumta	k-u-m-t-ah
ToCount-Enumerare	enumera	ay-n-u-m-ay-er-ah
ToSay	di	d-e
ToSing-AncestralClass	kənta	k-aah-n-t-ah
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	ənsendə	aah-n-s-ay-n-d-er-aah
All-Totus	tot	t-oh-t
Many	mol	m-oh-l
Many-Tantus	tant	t-ah-n-t
Some	əlqu	aah-l-g-u
Few	pək	p-euh-k
Other	altrə	ah-l-t-er-aah
Big-Grandem	gran	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

Appendix 4 - Word Lists by Language

Thick-Spissum	æspes	aah-s-p-eh-s
Thick-Grossum	grōs	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	æstræt	aah-s-t-er-eh-t
Thin	mənut	m-aah-n-u-t
Thin-Delicatus	dəlikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Cold	fræt	f-er-eh-t
Full	płe	p-ssha-eh
New	nōw	n-euh-w
Old	bēl	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
Far	lun	yuh-u-VdPalatalNasal
Right-Dextrem	destrə	d-ay-s-t-er-aah
Right-Directus	dret	d-er-eh-t
Left	əskərə	aah-s-k-eh-r-aah
Red	ros	r-oh-s
Red-Vermiculus	bərmel	b-aah-r-m-eh-yuh
Red-Rubeus	rudze	r-u-VdPalatoAlveolarSibilant-ay
Green	vert	v-eh-er-t
Yellow-Croceus	grək	j-er-euh-k
White	alb	ah-l-b
Black	nēyrə	n-eh-juh-er-aah
One	un	u-n
Two-Duos	dos	d-oh-s
Three	tres	t-r-eh-s
Four	kwatrə	k-w-ah-t-er-aah
Five	siŋk	s-e-nya-k
Here	aki	ah-k-e
There	əla	aah-yuh-ah
Who-Qui	ki	k-e
What	ke	k-eh
Where-Unde	on	oh-n
When-Quando	kwan	k-w-ah-n
How-Quomodo	kōm	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

Appendix 4 - Word Lists by Language

Because-Proquid	pərke	p-aah-r-k-eh
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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	ɛfɑ	eh-f-NasalA
Mother	mer	m-ay-VIUvularTrill
Father	pɛ:r	p-Eh-r
Fish-Pescion	pehɔ	p-eh-h-on
Bird-Avicellum	u:he:	U-h-Eh
Dog	ʃɛ	ts-ehn
Louse	pju	p-jg-u
Snake	sjeɹpɛ	s-jg-eh-rr-p-ehn
Worm	vjer	v-jg-eh-VIUvularTrill
Tree	o:b	O-b
Fruit	fry	f-VIUvularTrill-eeh
Seed	simɛs	s-e-m-ehn-s
Leaf	fɔj	f-euh-jg
Root-Radicina	reɛɛn	VIUvularTrill-eh-s-eh-n
BarkOfATree-Skortea	skwas	s-k-w-ah-s
Flower	flø:ɹ	f-l-o-rr
Grass	jɛp	jg-eh-p
Skin	pɛ:	p-Eh
Meat	ʃo:ɹ	ts-O-rr
Blood	sɔ:g	s-LongCloseMidBackRoundedNasal-j
Bone	ɔ'he:	euh-h-Eh
Egg	u:	U
Horn	kwen	k-w-eh-n
Tail	kɔw	k-euh-w
Feather	plɔm	p-l-euh-m
Feather-Penna	pen	p-ay-n
Hair-Capillus	ʃivja	ts-e-v-jg-ah
Head-Testa	ʃɛs	ts-eh-s
Ear	ɔraj	euh-VIUvularTrill-aj_diphthong
Eye	u:j	U-jg
Nose	ne	n-ay
Mouth	bɔk	b-euh-k
Mouth-Gula	gø:j	g-o-jg
Tooth	dɛ	d-ehn
Fingernail	ɔg	on-j
Foot	pi:	p-E
Leg	dʒɔb	VdPalatoAlveolarSibilant-NasalA-b
Knee	ɲɲɔ	VdPalatalNasal-VdPalatalNasal-euh
Hand	mɛ	m-ehn
Wing	el	ay-l
Belly	vɛ:t	v-LongNasalE-t
Back	dɔ	d-euh
Back-Spatula	spal	s-p-ah-l
Heart	ku:ɹ	k-U-rr

Appendix 4 - Word Lists by Language

Heart-Anima	ɔ:m	LongOpenMidBackRounded-m
Liver	fø:t	f-o-t
Sun	sɔlə	s-euh-l-euh
Moon	løn	l-uu-n
Star	stø:l	s-t-o-l
Water	ɛ:w	Eh-w
Rain	plu:ɾ	p-l-U-rr
River-Riparia	rivi:ɾ	r-e-v-E-rr
Lake	lak	l-ah-k
Sea	meɾ	m-ay-rr
Salt	se	s-ay
Stone-Petra	pi:ɾ	p-E-rr
Sand-Sabulum	sɔ:vjð	s-O-v-jg-on
Earth	tɛ:ɾ	t-Eh-rr
Sky	si:ɾ	s-E-rr
Wind	vẽ	v-ehn
Snow	ni:vaj	n-E-v-aj_diphthong
Fire-Focus	fø:	f-o
Ash	sẽ:d	s-LongNasalE-d
Mountain-Montanea	mõtəɲ	m-on-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	dʒu:	VdPalatoAlveolarSibilant-U
Day-Diurnus	dʒu:	VdPalatoAlveolarSibilant-U
Year	ã	NasalA
Name-Nomen	nõ	n-on
Tongue	lẽu	l-eu_nasalized_diphthong
ToDrink	bø:ɾ	b-o-rr
ToEat-Manducare	maɲi:	m-ah-VdPalatalNasal-E
ToSuck	sysi:	s-eeh-s-E
ToVomit	vo:'mi	v-O-m-e
ToBreathe	ɾespiɾe	rr-eh-s-p-e-rr-ay
ToLaugh	ki:ɾ	rr-E-rr
ToSee	ve'ji:	v-eh-jg-E
ToHear	ɔ'ji:	euh-jg-E
ToKnow-Sapere	savø:ɾ	s-ah-v-o-VIUvularTrill
ToKnow-Cognoscere	kinɔh	k-e-n-euh-h
ToThink-Pensare	pẽse	p-ehnn-s-ay
ToSmell-Sentire	sẽti	s-ehnn-t-e
ToSleep	dwaɾmi	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	ʃesi:	ts-eh-s-E
ToCut-Taliare	tɛji:	t-eh-jg-E
ToSplit-Findere	fẽt	f-ehnn-t
ToSplit-Partire	pɔ:rti	p-LongOpenMidBackRounded-VIUvularTrill-t-e
ToDig-Cavare	çə:vle	sh-aay-v-l-ay
ToSwim-Navigare	nẽdʒi:	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vɔle	v-euh-l-ay
ToWalk	ʃimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:ɾʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-lacere	dʒere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	es	eh-s
ToStand-Levare	lɔve	l-aah-v-ay
ToStand-Altiare	hɔ:si:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:me	t-U-r-n-ay

Appendix 4 - Word Lists by Language

ToTurnIntransitive-AncestralClass3	viɤe	v-e-rr-ay
ToFall	ʈʂɛːr	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	sɛɤe	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-j-ay
ToRub	froj	f-r-oj_diphthong
ToRub-Frictare	fɤote	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	puːsiː	p-U-s-E
ToThrow	dʒɛte	VdPalatoAlveolarSibilant-eh-t-ay
ToThrow-Lanceare	lanciː	l-ah-n-tya-E
ToTie	lojiː	l-euh-jg-E
ToSew	køːz	k-o-zz
ToCount	kôte	k-on-t-ay
ToSay	diːɤ	d-E-rr
ToSing-AncestralClass	ʈʂâte	ts-NasalA-t-ay
ToPlay-Jiocare	dʒuwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	køle	k-euh-l-ay
ToFreeze	dʒale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell-Inflare	ẽfle	ehn-f-l-ay
ToSwell-Conflare	gõfle	g-on-f-l-ay
ToBurn-Brojan	bɤuːle	b-rr-U-l-ay
All-Totus	tɔ	t-euh
Few	põ	p-on
Other	õt	on-t
Big-Grandem	gɤã	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	kuːɤ	k-U-rr
Short-Brevis	bɤɛf	b-rr-ay-f
Narrow-Strictus	stɤøː	s-t-rr-o
Thin	minu	m-e-n-u
Thin-Subtilis	suːti	s-U-t-e
Cold	fɤøː	f-rr-o
Full	plẽ	p-l-ehn
New	noːve	n-euh-v-eh
Old	viː	v-E
Good	bõ	b-on
Bad	moː	m-O
Rotten	puː'xi	p-U-rr-e
Dirty	moːsiː	m-O-s-E
Straight	drøː	d-r-o
Round	rõ	r-on
SharpAsAKnife	kɤa'hã	k-ohh-ah-h-an
Smooth	lis	l-e-s
Wet	mu'jiː	m-u-jg-E
Dry	sɛʈʂ	s-eh-ts
Near	prɛ	p-r-eh
Far	lõ	l-on
Right-Directus	drøːt	d-r-o-t
Left	goːʈʂ	j-O-shh

Appendix 4 - Word Lists by Language

Red-Rubeus	rəʃ	r-euh-ts
Green	veɹ	v-eh-rr
Yellow	dʒen	VdPalatoAlveolarSibilant-eh-n
Black	nø:ɹ	n-o-rr
One	ō	on
Two-Duos	dø:	d-o
Three	trø:	t-r-o
Four	kwat	k-w-ah-t
Five	sēk	s-ehn-k
There	la	l-ah
Who-Qui	ki:	k-E
What	kwæ:	k-w-Eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	kōmē	k-euh-m-ehnn
Not-Nec	nē	n-ehn
With-Abhoc	avu	ah-v-u
And-Et	ε	eh
Because-Quod	ki:	k-E

Friulian

Cognate	IPA	Sounds
I	jō	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	dōne	d-euh-n-ay
ManHumanBeing	ōm	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	pēs	p-eh-s
Bird-Avicellum	uʃʃjel	u-ts-jg-eh-l
Dog	can	tya-ah-n
Louse	pedoli	p-ay-d-oh-l-e
Snake	sarpint	s-ah-r-p-e-n-t
Worm	vjer	v-jg-eh-r
Tree	arbul	ah-r-b-u-l
Forest	selve	s-eh-l-v-ay
Stick	pa:l	p-A-l
Fruit	frut	f-r-u-t
Seed	se'mentʃe	s-ay-m-eh-n-ts-eh
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	'pjel	p-jg-eh-l
Meat	ca:r	tya-A-r
Blood	sanjk	s-ah-nya-k
Bone	'vwēs	v-w-eh-s

Appendix 4 - Word Lists by Language

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	tæte	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	bœœ	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	'jaŋ ^w be	VdPalatalStop-ah-nywa-b-ay
Knee	dʒe'noli	VdPalatoAlveolarSibilant-ay-n-oh-l-e
Hand	maŋ	m-ah-nya
Wing	ale	ah-l-ay
Belly	pantse	p-ah-n-VAlveolarSibilantAffricate-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-Solculus	soreli	s-oh-r-ay-l-e
Moon	lune	l-u-n-ay
Star	stæle	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
Smoke	fum	f-u-m
Fire-Focus	fu:k	f-U-k
Ash-Cinisia	ʃinize	ts-e-n-e-zz-eh
Mountain	mɔnt	m-euh-n-t
Mountain-Montanea	mɔntape	m-euh-n-t-ah-VdPalatalNasal-ay
Night	ɲɔt	VdPalatalNasal-euh-t
Day	di	d-e
Day-Diurnata	dʒornade	VdPalatoAlveolarAffricate-oh-r-n-ah-d-ay
Year	aŋ	ah-nya
Name-Nomen	noŋ	n-euh-nya

Appendix 4 - Word Lists by Language

ToTongue	'lenge	l-eh-n-j-eh
ToDrink	bevi	b-ay-v-e
ToEat-Manducare	manja:	m-ah-nya-VdPalatalStop-A
ToBite	mwardi	m-w-ah-r-d-e
ToSuck	cuca:	tya-u-tya-A
ToSpit-Sputare	spuda:	s-p-u-d-A
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	pejsa:	p-ay-nya-s-A
ToSmell-Sentire	sinti:	s-e-n-t-E
ToFear	temi	t-ay-m-e
ToFear-Tremere	trima:	t-r-e-m-A
ToSleep	durmi:	d-u-r-m-E
ToLive	vivi	v-e-v-e
ToDie	muri:	m-u-r-E
ToKill-Mactare	maŋja:	m-ah-ts-A
ToFight-Battuere	bati	b-ah-t-e
ToHunt-Captiare	caŋja:	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	vipi:	v-e-VdPalatalNasal-E
ToLieAsInABed-lacere	jesi	jg-ay-s-e
ToSit-Sedentare	senta:	s-ay-n-t-A
ToStand	sta:	s-t-A
ToStand-Levare	leva:	l-ay-v-A
ToStand-Altiare	altja:	ah-l-t-shh-A
ToTurnIntransitive	torna:	t-oh-r-n-A
ToTurnIntransitive-Gyrare	džira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	džira:	VdPalatoAlveolarSibilant-e-r-A
ToFall	ŋjade	ts-jg-ah-d-ay
ToGive	da:	d-A
ToHold	tinji	t-e-n-jg-e
ToSqueeze	esprimi	ay-s-p-r-e-m-e
ToSqueeze-Stringere	strengi:	s-t-r-eh-n-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

Appendix 4 - Word Lists by Language

ToPull-Trahere	traj	t-r-aj_diphthong
ToThrow-Lanceare	lanʃa:	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	dʒuja:	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Excurrere	skori:	s-k-oh-r-E
ToFlow-Currere	kori	k-oh-r-e
ToFreeze-Glaciare	glafʃa:	j-l-ah-ts-A
ToSwell-Inflare	enfla:	ay-n-f-l-A
ToSwell-Conflare	zɡlonfa:	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
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	grevi	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	'pleŋ	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	spork	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'pa:t	b-ah-VdPalatalNasal-A-t
Dry	sek	s-eh-k
Near	'dɔŋɐ	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

Appendix 4 - Word Lists by Language

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	ʃemu: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
Woman	femeje	f-ay-m-ay-jg-ay
Woman-Mulier	mujere	m-u-jg-ay-r-ay
Woman-Domina	doamnə	d-midback_diphthong_romanian-m-n-aah
ManHumanBeing	om	oh-m
Wife-Mulier	mujere	m-u-jg-ay-r-ay
Husband	mərit	m-aah-r-e-t
Husband-Socius	sots	s-oh-VlAlveolarSibilantAffricate
Father-Tata	tata	t-ah-t-aah
Animal	nəmajə	n-aah-m-ah-jg-ay
Fish-Piskem	peʃte	p-ay-shh-t-ay
Bird-Passerem	pasəre	p-ah-s-aah-er-ay
Dog	kijne	k-eee-jg-n-ay
Louse	pədukje	p-aah-d-u-k-jg-ay
Snake	ʃarpe	shh-ah-er-p-ay
Snake-Serpens	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	səmintə	s-aah-m-eee-n-VlAlveolarSibilantAffricate-aah
Leaf	foaje	f-midback_diphthong_romanian-jg-ay
Leaf-Frondea	frunzə	f-er-u-n-zz-aah
Root-Radicina	rədəʃinə	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Skortea	skoartə	s-k-midback_diphthong_romanian-er-VlAlveolarSibilantAffricate-aah
Flower	floare	f-l-midback_diphthong_romanian-er-ay
Grass	jarbə	jg-ah-er-b-aah
Skin	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-er-n
Tail	coadă	t-ya-midback_diphthong_romanian-d-aah
Feather-Penna	panə	p-ah-n-aah
Hair	pər	p-aah-er
Head	kap	k-ah-p
Head-Testa	tseastə	VlAlveolarSibilantAffricate-midfront_diphthong_romanian-s-t-aah
Ear	ureke	u-r-ay-k-ay

Appendix 4 - Word Lists by Language

Eye	okɨ	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	piʃor	p-e-tsj-oh-r
Leg	piʃor	p-e-tsj-oh-er
Knee	dʒenunkç	VdPalatoAlveolarSibilant-ay-n-u-n-k-sh
Hand	minə	m-eee-n-aah
Belly	burtə	b-u-er-t-aah
Back	do	d-oh
Back-Spatula	spate	s-p-ah-t-ay
Breast	san	s-ah-n
Breast-Pectus	pjept	p-jg-ay-p-t
Heart-Anima	inimə	e-n-e-m-aah
Liver	fikat	f-e-k-ah-t
Sun	soare	s-midback_diphthong_romanian-er-ay
Moon	lunə	l-u-n-aah
Star	stea	s-t-midfront_diphthong_romanian
Water	apə	ah-p-aah
Rain	ploaje	p-l-midback_diphthong_romanian-jg-ay
River-Rivus	riw	r-eee-w
Lake	lak	l-ah-k
Sea	mare	m-ah-r-ay
Salt	sare	s-ah-r-ay
Stone-Petra	pjatrə	p-jg-ah-t-er-aah
Sand	arinə	ah-r-e-n-aah
Dust	pulbere	p-u-l-b-ay-r-ay
Earth	tsarə	VIAlveolarSibilantAffricate-ah-r-aah
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	neă	n-midfront_diphthong_romanian
Ice	dʒer	VdPalatoAlveolarSibilant-ay-r
Smoke	fum	f-u-m
Fire-Focus	fok	f-oh-k
Ash-Cinisia	ʃenuʃə	ts-ay-n-u-shh-aah
Mountain	muntə	m-u-n-t-eh
Night	noapte	n-midback_diphthong_romanian-p-t-ay
Day	zi	zz-e
Year	an	ah-n
Name-Nomen	nume	n-u-m-ay
ManMale	bərbat	b-aah-er-b-ah-t
Tongue	limbə	l-e-m-b-aah
ToDrink	bə	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

Appendix 4 - Word Lists by Language

ToKnow	ſti	shh-t-e
ToKnow-Cognoscere	kunoaſte	k-u-n-midback_diphthong_romanian-shh-t-ay
ToThink	kudſeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pəsa	p-aah-s-ah
ToSmell-Sentire	simtſi	s-e-m-VlAlveolarAffricate-e
ToFear	teme	t-ay-m-ay
ToSleep	dormi	d-oh-r-m-e
ToLive	via	v-e-ah
ToDie	muri	m-u-r-e
ToKill	neka	n-ay-k-ah
ToKill-Occidere	uſſide	u-ts-e-d-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHit	pulsa	p-u-l-s-ah
ToCut-Excurtare	skurta	s-k-u-r-t-ah
ToCut-Taliare	təja	t-aah-jg-ah
ToSplit	divide	d-e-v-e-d-ay
ToSplit-Separare	separa	s-ay-p-ah-r-ah
ToStab	pundſe	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	merdſe	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome	veni	v-ay-n-e
ToLieAsInABed	ekstinde	ay-k-s-t-e-n-d-ay
ToLieAsInABed-lacere	zoſſea	zz-aah-ts-midfront_diphthong_romanian
ToSit	ſedeā	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	toarſſe	t-midback_diphthong_romanian-r-ts-ay
ToFall	kədeā	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	strindſe	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub	freka	f-r-ay-k-ah
ToWash	la	l-ah
ToWipe-Extergere	ſterdſe	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	uska	u-s-k-ah
ToPull-Pulsare	pulsa	p-u-l-s-ah
ToPull-Trahere	tradſe	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush	impindſe	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToThrow-Eruncare	aruſka	ah-er-u-nya-k-ah
ToTie	lega	l-ay-j-ah
ToSew	coāse	tya-midback_diphthong_romanian-s-ay
ToCount-Enumerare	numara	n-u-m-ah-r-ah
ToSay	ziſſe	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	skurdſe	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdſe	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetſa	eee-n-j-ay-VlAlveolarSibilantAffricate-ah
ToSwell-Inflare	umfla	u-m-f-l-ah
ToSwell-Crescere	kreſſe	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay

Appendix 4 - Word Lists by Language

ToBurn-Incendere	inʃindʒe	eee-n-ts-e-n-d-gzah-ay
ToBurn-AncestralClass8	ustura	u-s-t-u-r-ah
All-Totus	tot	t-oh-t
Many	mult	m-u-l-t
Other	alt	ah-l-t
Big-Majjorem	mare	m-ah-er-ay
Long-Longum	lung	l-u-n-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
Small-Pittinus	putsin	p-u-VAlveolarSibilantAffricate-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	subʒsire	s-u-b-VAlveolarSibilantAffricate-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	rofu	er-oh-shh-u
Red-Rubeus	rojb	r-oh_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-oh_diphthong
Two-Duae	dowə	d-oh-w-aah
Three	trej	t-r-eh_diphthong
Four	patru	p-ah-t-r-u
Five	ʃɪnʃ	ts-e-n-ts
There	la	l-ah
Who-Quem	ʃɪne	ts-e-n-ay
What	ʃe	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

Appendix 4 - Word Lists by Language

And-Et	e	ay
And-Si	ʃi	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			ʌ		
Open		ɑ			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		ɑː		ɑː

Pulmonic Affricates

Manner	Bilabial	Labio-Dental	Alveolar	Alveolo-Palatal	Palato-Alveolar	Velar	Uvular	Pharyngeal-Epiglottal	Glottal
Sibilant			ts	ʈʂ	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 Vocoid Vowel Continuant	g Velar Voiced Pulmonic Stop Occlusive
oː Mid Back Rounded Vocoid 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 Vocoid Vowel Continuant	i Close Front Vocoid Vowel Continuant
w Labial-Velar Vocoid Semivowel Voiced Approximant Continuant	ɔ Open-mid Back Rounded Vocoid Vowel Continuant
dʒ Palato-Alveolar Voiced Sibilant Affricate	ɪ Near-close Near-Front Vowel
j Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant	n Alveolar Voiced Pulmonic Nasal Occlusive
s Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	u Close Back Rounded Vocoid 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 Vocoid Long Vowel Continuant	ʌ Palatal Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
l Alveolar Vocoid 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 Vocoid Vowel Continuant	ɐ Near-open Central Rounded Vowel
uː Close Back Rounded Long Vowel	y Close Front Rounded Vocoid Vowel Continuant
d Alveolar Voiced Pulmonic Stop Occlusive	f Labio-Dental Pulmonic Fricative Strident Obstruent Continuant
eː Mid Front Vocoid Long Vowel Continuant	m Bilabial Voiced Pulmonic Nasal Occlusive
ɾ Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	œ Open-mid Near-Front Rounded Vocoid Vowel Continuant
ɛ Open-mid Near-Front Vocoid 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	

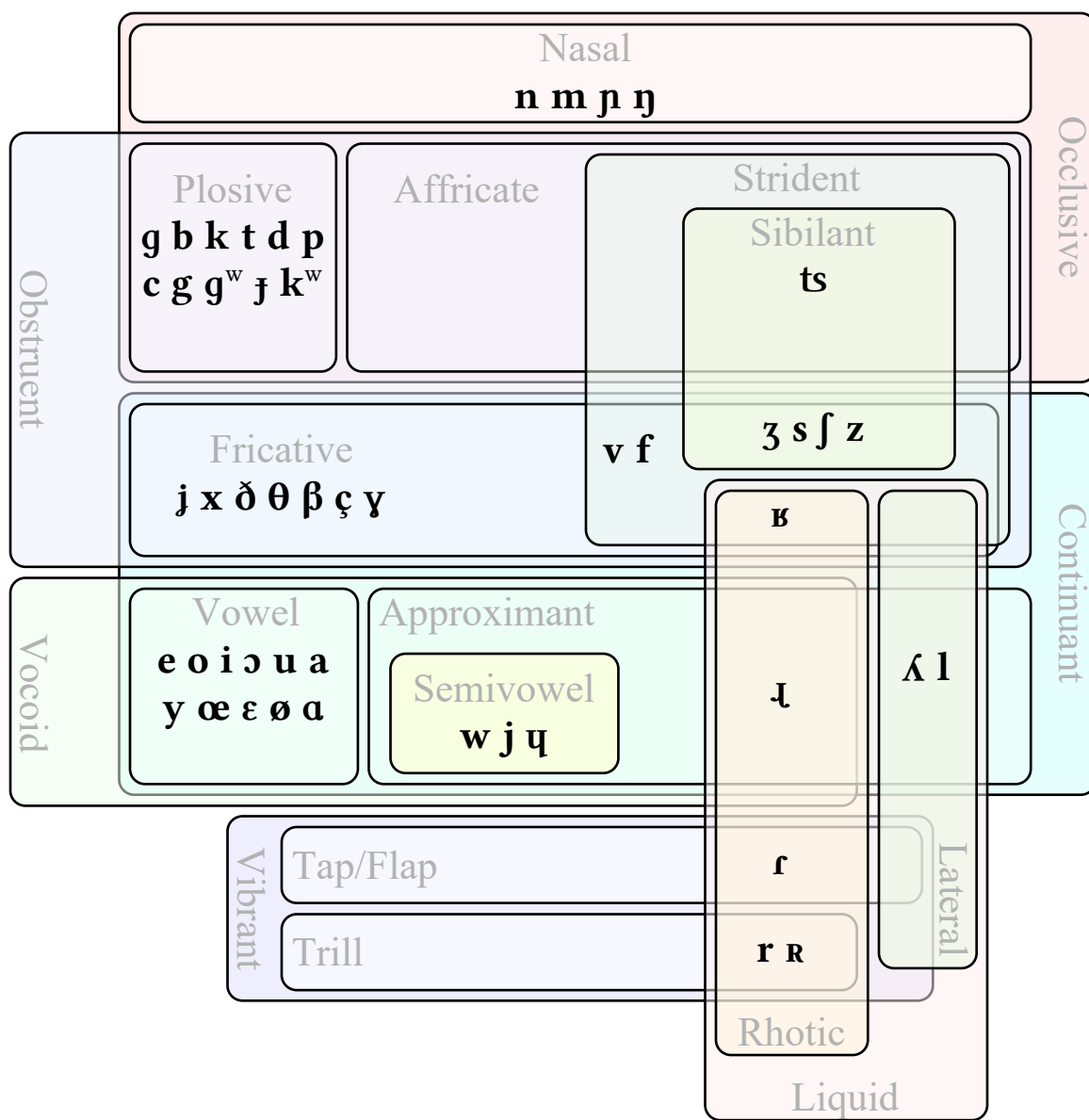
Appendix 5 - Segment Groups

ʈʃ Palato-Alveolar Pulmonic Sibilant Affricate	p Bilabial Pulmonic Stop Occlusive
ʒ 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
β Bilabial Voiced Pulmonic Fricative Obstruent Continuant	c Palatal Pulmonic Stop Occlusive
ɸ Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant	ɭ Alveolar Voiced Velarized Pulmonic Lateral Approximant
øː Open Front Rounded Vocoid Long Vowel	dz Alveolar Voiced Sibilant Affricate
ɡ Labial-Velar Voiced Pulmonic Stop Occlusive	g Velar Voiced Pulmonic Stop Occlusive
w	ŋ Velar Voiced Pulmonic Nasal Occlusive
õː Close-mid Back Rounded Long Nasal Vowel	a Mid Front Vowel Diphthong
ø Close-mid Front Rounded Vocoid Vowel Continuant	u
kʲ Palatal Pulmonic Stop	e Mid Front Vowel Diphthong
ʃ Palatal Voiced Pulmonic Stop Occlusive	a
kː Velar Velarized Pulmonic	ʈʃʲ Alveolo-Palatal Pulmonic Sibilant Affricate Palatalized
y Velar Voiced Pulmonic Fricative Obstruent Continuant	ŋ Labial Voiced Pulmonic Nasal Stop
a Open Back Vocoid Vowel Continuant	w
	ç Palatal Pulmonic Fricative Obstruent Continuant
	ẽː Close Back Long Nasal Vowel
	ɔː Open-mid Back Rounded Vocoid Long Vowel Continuant

Appendix 5 - Segment Groups

ɛj	Mid Front Vowel Diphthong	k	Labial-Velar Pulmonic Stop Occlusive
ẽ	Mid Front Nasal Vowel Diphthong	w	
u		o(
n̥	Dental Pulmonic Nasal Stop	ʷ	Close-mid Back Rounded Vowel
ʈʂ	Alveolar Affricate)	
ɭ	Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid	ʈʃ	Alveolo-Palatal Pulmonic Sibilant Affricate
ĩ	Palatal Nasal Approximant	ũ	Open Back Nasal Vowel
d:	Alveolar Voiced Stop	ɑ:	Open Back Long Vowel
u	Close Back Rounded Vowel	œ̃	Open-mid Near-Front Rounded Nasal Vowel Diphthong
e	Close-mid Front Vowel	t:	Dental Pulmonic
		ã	Near-open Central Nasal Vowel
		ʊ	Near-close Near-Back Rounded Vowel

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	ɽ	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	ɺ	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	ɟ
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

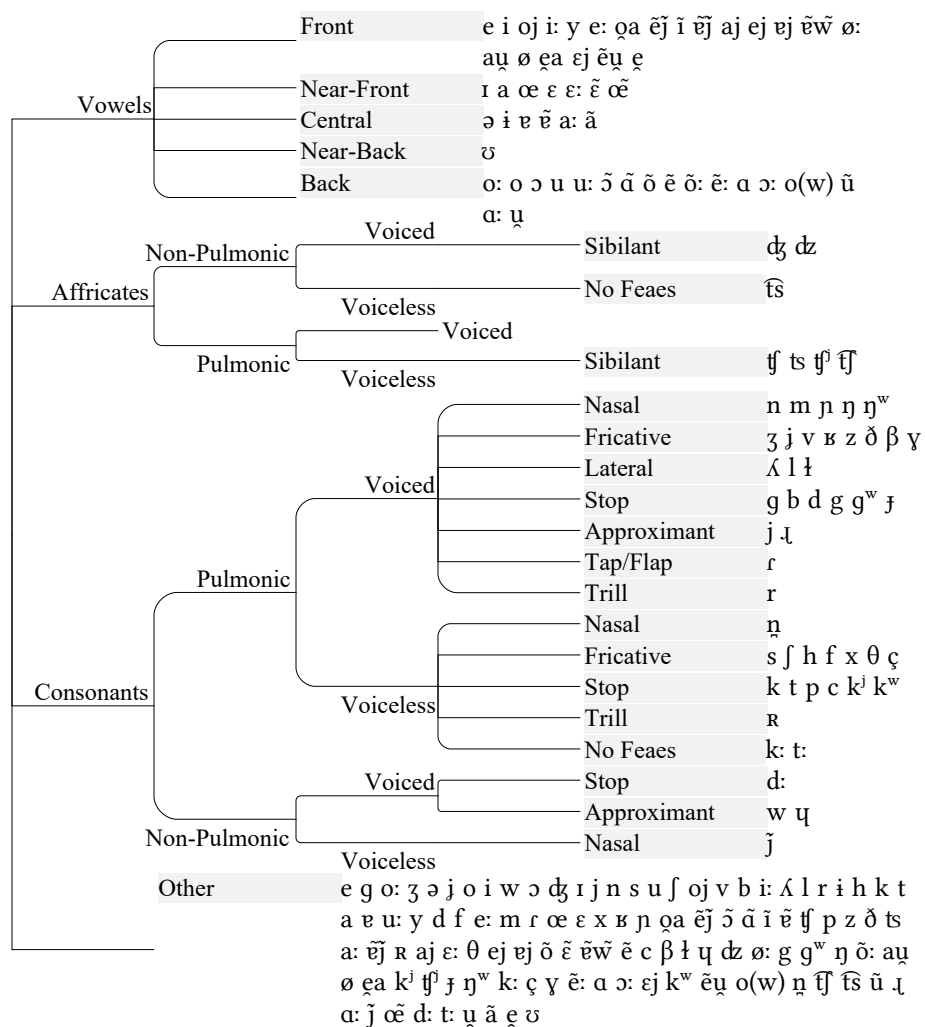
Appendix 7 - International Phonetic Alphabet

g	f	e	d
0067	0066	0065	0064
Velar Voiced Pulmonic Stop Occlusive	Labio-Dental Pulmonic Fricative Strident Obstruent Continuant	Close-mid Front Vocoid Vowel Continuant	Alveolar Voiced Pulmonic Stop Occlusive
c	b	a	ẽ:
0063	0062	0061	1EBD, 02D0
Palatal Pulmonic Stop Occlusive	Bilabial Voiced Pulmonic Stop Occlusive	Open Near-Front Vocoid Vowel Continuant	Close Back Long Nasal Vowel
ʈʂʲ	ɡʷ	ẽ	ɛ:
02A7, 02B2	0261, 02B7	025B, 0303	025B, 02D0
Alveolo-Palatal Pulmonic Sibilant Affricate Palatalized	Labial-Velar Voiced Pulmonic Stop Occlusive	Open-mid Near-Front Nasal Vowel	Open-mid Near-Front Vocoid Long Vowel Continuant
ɛj	õ	ɔ:	ã
025B, 006A	0254, 0303	0254, 02D0	0251, 0303
Mid Front Vowel Diphthong	Open-mid Back Rounded Nasal Vowel	Open-mid Back Rounded Vocoid Long Vowel Continuant	Near-close Back Nasal Vowel
ɑ:	ẽ	ɐj	œ̃
0251, 02D0	0250, 0303	0250, 006A	0153, 0303
Open Back Long Vowel	Near-open Central Rounded Nasal Vowel	Mid Front Vowel Diphthong	Open-mid Near-Front Rounded Nasal Vowel Diphthong
ŋʷ	ø:	õ:	ʊ̘
014B, 02B7	00F8, 02D0	00F5, 02D0	0075, 032F
Labial Voiced Pulmonic Nasal Stop	Open Front Rounded Vocoid Long Vowel	Close-mid Back Rounded Long Nasal Vowel	Close Back Rounded Vowel
u:	t:	o:	oj
0075, 02D0	0074, 02D0	006F, 02D0	006F, 006A
Close Back Rounded Long Vowel	Dental Pulmonic	Mid Back Rounded Vocoid Long Vowel Continuant	Mid Front Vowel Diphthong

Appendix 7 - International Phonetic Alphabet

<p style="text-align: center;">n̪</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;">ɲ̪</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 Vowoid 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 Vowoid 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 Vowoid 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;">ẽu̪</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;">ẽɲ̪</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;">tʃ̪</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;">tʃ̪s</p> <p style="text-align: center;">0074, 0361, 0073</p> <p style="text-align: center;">Alveolar Affricate</p>
<p style="text-align: center;">o̞a</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;">e̞a</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;">a̞u̪</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;">ẽw̪</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;">ẽɲ̪</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

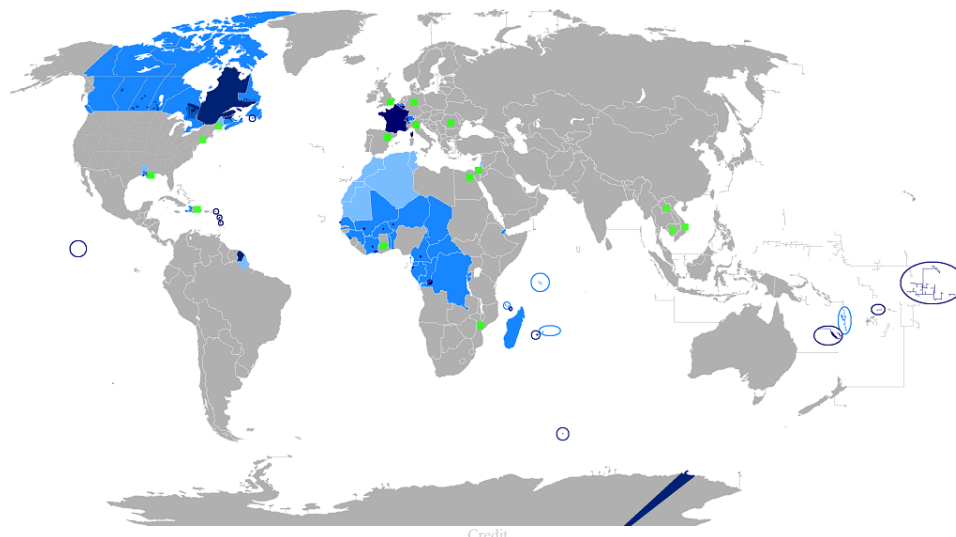


Appendix 9 - Diacritics

Diacritics

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

French

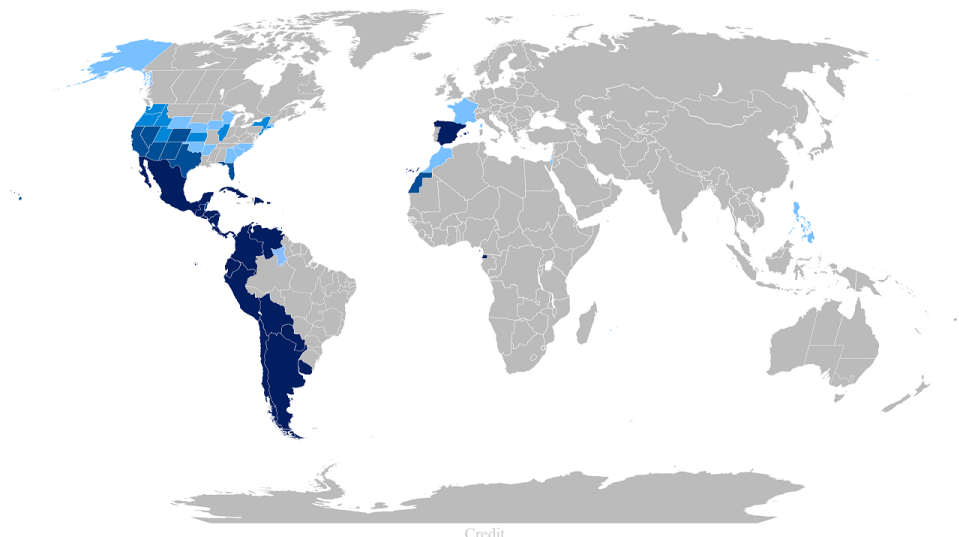


A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically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

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

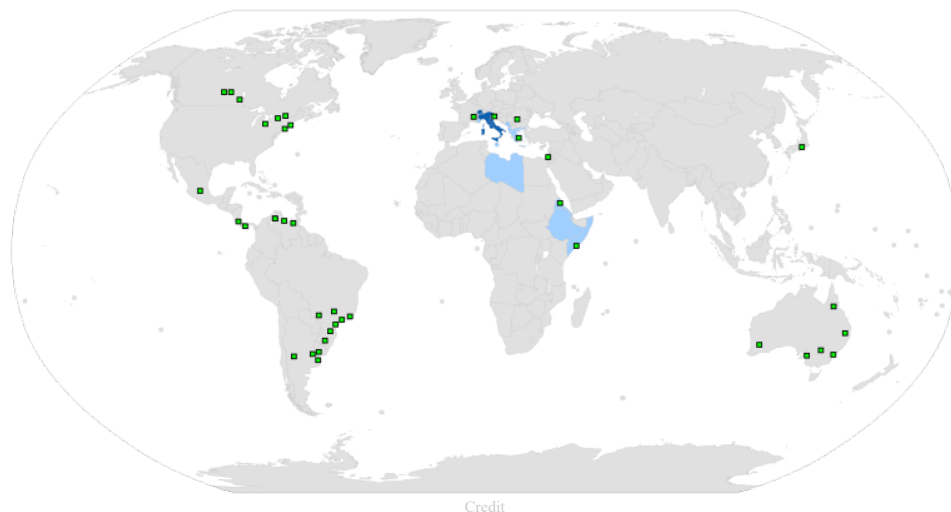
French is an official language in 29 countries across multiple continents, most of which are members of the Organisation internationale de la Francophonie (OIF), the community of 84 countries which share the official use or teaching of French. French is also one of six official languages used in the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

Spanish



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

Italian



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

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

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

Appendix 10 - Languages

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

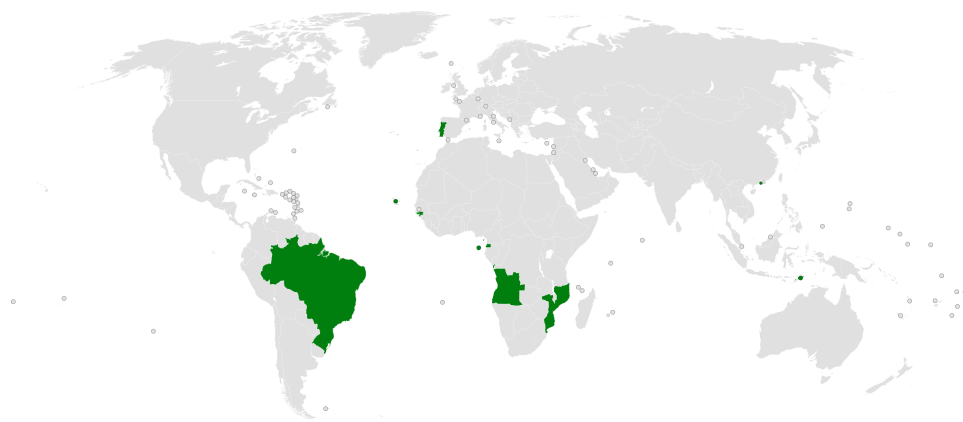
Brazilian Portuguese



Credit

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

Portuguese



Credit

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

Appendix 10 - Languages

Catalan



Credit

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

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

Walloon



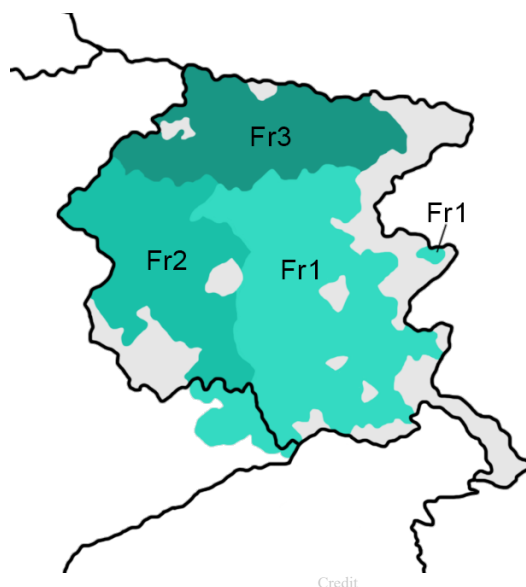
Credit

Appendix 10 - Languages

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

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

Friulian



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

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

Romanian



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

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