

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
π	Equilibrium distribution
λ	Rate of segment insertion
μ	Rate of segment deletion

Appendix 2 - Symbols

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

Char.	Segment	Words containing this segment
0	e	<p>ego:, ew, jew, usted, vose, vose, voste, embra, femmina, femer, femje, fembra, femeje, mulierem, muxer, moλλe, muλex, muλer, muλe, mujere, done, hominem, ombre, infantem, infante, fante, nenēj, nen, epuz, esposa, mulier, muxer, moλλe, muλex, muλer, muλe, mujere, epu, esposo, matrem, meλ, maðre, ma:dre, meλ, patre, peλ, paðre, pa:dre, nema:l, noma:je, piskem, peθ, peffe, pef, pefte, awem, abe, awikellum, useλ, passerem, passero, pasere, peduklus, pedoli, pødukje, serpentem, sekrā, serpjente, serpente, sekrēfi, serpen, farpe, serpens, sjerpe, serpe, serp, farpe, wermem, veλ, berme, verme, veλmi, vermi, vjerme, arborem, albero, arbore, selba, selva, selve, flo:rem, fjo:re, floare, penna, pena, penē, pen, pene, pelo, pelu, kabejo, kapello, kabelu, keβelu, kaβeθa, kavettsa, kabese, keβese, testa, testā, teste, orexa, orekkja, oreλe, orele, ureke, ne, nari:fe, gale, el, ale, solem, sole, sare, soreli, lune, etwal, estreja, stella, istrelē, iftrele, stele, age, ploje, plaje, flu:men, fjume, vjvex, mare, meλ, sa:lem, sale, se, sare, terra, teλ, tjera, teλe, tjere, ka:li:ginem, kaliðine, nebula, njebla, nebbja, newlā, negurā, tene:braj, tenebre, tene:bra:s, tenebλ, tinjeblas, tenebre, tenebrās, fyne, fumate, θjelo, fer, wentum, bjento, ben, gelu:, jelo, dger, fwego, no:men, nome, nune, no:minem, nombre, leŋgwa, bibere, beber, bere, bebeλ, biβer, bevi, komedere, komer, kome, kumer, manduka:re, māze, mandare, mordere, morðer, mordre, mo:deλ, murðer, morsika:re, morsikare, murseka, su:gere, syse, suðe, konspuere, kōspye, eskupir, sputere, esputar, sputare, ski:re, sapere, saber, sabex, seber, kogno:skere, konoθer, konoffere, kopeseλ, kupiser, kungafte, ko:gitare, kuide, koðitare, kuðeta, pe:nsare, pāse, pensar, pensare, pēse, pe:nsa:, timere, temer, temere, temex, timer, temā, temi, teme, tremere, tremet, tremare, tremex, trimer, dormi:re, dormire, wi:were, vivere, viveλ, viver, morire, mo:ex, mu:er, nekare, nwaje, neka, anegar, annegare, tje, tuwe, maktare, mate, okkidere, utfidere, ufide, pugnare, punpare, battuere, battere, bateλ, beter, bate, kaptiare, fase, katfare, pulsa:re, puse, pulsare, seka:re, sje, segar, segare, segaλ, sea:, kurtare, ekskurtare, eku:te, skortare, ta:lia:re, taje, taλλa:re, di:widere, dividere, divide, skindere, sēde, findere, findere, ender, fendere, fēdeλ, fēder, partire, partire, se:para:re, sōvte, separar, separare, separaλ, separa:, separa, pungere, punðere, punðe, jugula:re, zygye, jugula:re, ra:dere, raer, radere, vaex, ve:er, rade, vaze, rasare, fodere, kawa:re, kavare, çavle, ekskawa:re, eskabar, skavare, nata:re, nwotare, naviga:re, naze, nabegar, navigare, wola:re, vole, volare, vōle, zvolare, fāmine, kamminare, fimine, ma:fe, mergere, merðere, merðe, ambita:re, andare, wen:re, benir, venire, veni, ekstendere, etāde, ekstender, estendere, istēdeλ, iftēder, østendā, ekstinde, jake:re, zeziλ, jaθer, dga:fe:re, zøzeλ, zøzer, dger, jesi, sedere, ser, sedere, seλ, sedga, sedenta:re, sentar, senta:, stare, estar, stare, levare, lave, jebar, levare, levaλ, leva:, altiare, ose, alsare, torna:re, tu:ne, tornare, tur:ne, gyra:re, zi:re, dger, vi:re, virare, tork^w:re, torθer, torðere, turser, tgar:fe, kadere, kaer, kadere, fjade, tōbe, tume, tenere, tener, tenere, teλ, ter, tsine, segurar, eksprimere, epēdeλ, ekspremir, spremere, ifpræmex, ifpræmer, æspremā, esprimi, skreme, serrere, serar, seka, serare, seke, θerar, serrare, sere, appektora:re, apretar, stringere, etēdeλ, estrepir, strindgere, stringe, strindge, frika:re, fveje, fregar, fregare, frea, freka, frikta:re, fvote, frettare, lawa:re, lave, lavare, tergere, terðere, ekstergere, estarsir, fterðe, eksu:ka:re, esqije, enxugar, affugare, suwe, limpida:re, tira:re, tixe, tirare, tire, puse, trahere, trarre, traze, trezer, tradge, impingere, impindgere, impindge, jakta:re, zote, efjar, dzettare, dgete, lankea:re, lāse, lanfare, erunka:re, arronfare, liga:re, lie, legar, legare, lea:, lega, apta:re, ko:nsuere, koser, kutfire, kuzer, çase, komputare, kōte, kontare, e:numera:re, enume:re, enumerar, enumerare, enumera, di:kere, deθir, dire, dizer, zi:fe, eksponere, sporre, spune, kanta:re, fāte, kantare, fāte, lu:dere, joka:re, zve, dokare, duwe, flu:ktuare, flyktte, fluttuare, fluita:re, fluitare, fluere, flye, fluire, ko:la:re, kule, kolare, kōle, ekskurrere, eskurir, skorrere, ifko:ex, ifkurer, skurðe, kurrere, korer, korrere, ko:ex, ku:er, kurðe, gelare, zale, elar, dgelare, dga:le, glakia:re, glase, gjatfjare, inglakia:re, ingetsa, bōyle, bru:fare, bōule, krema:re, kvame, kemar, kremare, kejmare, kejmare, flamma:re, flābe, flamear, fjammar, arde:re, arder, ardere, a:deλ, ørder, arde, flagra:re, flagve, flagrare, inkendere, ēsāde, enθender, inθendjare, isendga:, øsendrā, inθindge, ustula:re, ustolare, alter, grandem, grande, grande, majjo:rem, mare, le, epe, espeso, spesso, espesu, ifpesu, grabe, greve, grew, grew, lerdo, pesa:do, pesante, pezadu, pezant, pekeno, pekenu, pikenu, brewis, brebe, breve, brew, bref, etkwa, estrefo, stretto, menudo, delya:do, delikato, dewgadu, subti:lem, sottile, subsire, seko, sekko, seku, sek, dekstrum, djestro, destrā, dere:fo, drept, vermikulus, bermexo, vermiλλo, veλmeλu, rubeus, rubeo, ruðe, wiridem, veλ, berde, verde, verdi, galben, amarellus, krokeus, krotfe, due, tres, tre, tref, k^w:ink^we, finkwe, ekkumhi:k, k^wem, kjen, fine, ke, fe, kome, femu:t, nek, ne, et, e</p>

Appendix 3 - Segments used in the word list

1	g	ego:, gœl, gø:j, agwə, lago, lagu, ka:li:ginem, negurə, gelu:, fwego, fogu, lāg, lengwa, lingwa, ligwə, musəga, musəgar, su:gere, sugaɤ, sugar, kogno:skere, ko:gita:re, nəga, anegar, annegare, segaɤ, pungere, jugula:re, zygye, nabegar, navigare, nəbəga, naviga, segurar, siguraɤ, fregar, frəga, iffrigar, tergere, ekstergere, enxugar, affugare, ɛsfugar, əfuga, liga:re, legar, legare, zogaa, zuga, flugtwar, gela:re, glakia:re, glase, gjatfjare, gləsa, inglakia:re, flagra:re, flagwə, flagrar, flagrare, flagrar, awgū, ałgū, əlgu, gɤā, grande, grande, grēdʒi, grēdi, longus, lungo, lōgu, largo, laɤgu, largu, gɤa, graso, grasso, grafu, gras, gras, gordo, gɤo, grosu, grəs, grawis, gɤijef, grabe, grəve, gravi, gravi, grew, angustus, angosto, angusto, dewgadu, galbinus, galben
2	o:	ego:, no:s, no:i, no:, wo:s, vo:i, vo:, homo:, spo:s, o:b, flo:rem, fjo:re, flo:r, o:rikla, so:lem, no:men, no:me, no:minem, kogno:skere, ko:gita:re, ko:nsuere, ekspo:nere, ko:la:re, to:tus, po:k, majjo:rem, duo:s, k ^w o:modo, no:n
3	ʒ	ʒə, ʒə, pluʒə, kalizēj, kəlizēj, ʒel, ʒel, māʒe, mēʒaɤ, mēʒar, mənʒa, kuʒitaɤ, kuʒitar, pūʒiɤ, pūʒir, zygye, naze, zezik, zezek, zezet, zawrə, zikə, zitar, zira, əftrizir, əftrizir, əstərʒi, ʒəte, ʒejtar, ʒwe, zogaa, zuɤar, zuga, zuka, ʒəle, zilar, ʒəla, infindze, laɤʒ, du:ʒe:, kuʒ, ʒon
4	ə	ʒə, dənə, dɤamənə, ɤmə, əspəʒə, mərit, əspəs, marə, parə, tatə, nəmajə, pasəre, pədukje, sərpen, abrə, cɤadə, plomə, pɛnə, panə, pər, fəvə, kəbəl, fəvə, testə, tɛastə, urəl, bokə, bukə, golə, gurə, alə, lunə, lunə, əstəl, ajwə, apə, pluʒə, tərə, tsarə, newlə, negurə, tənəbrəs, fɛatfə, limbə, bəwə, mənʒa, musəga, musəgar, musəɤa, əskupi, səβe, kunɛfə, pənsa, pəsa, temə, biwə, nəga, mətə, batrə, kəsə, səɤa, tələ, taja, fəndrə, pərti, səvə, səpərə, rawrə, rəʒa, rəska, kəba, nəda, nəbəga, fəmine, kəmina, vənɪk, bəni, əstəndrə, zawrə, zəfɛa, əsta, ləvə, ləba, əlsa, tərsə, kawrə, kəɤə, tənɪk, təni, ifprəmek, ifprəmer, əspremə, sərər, sərə, əftrizir, əftrizir, əstərənə, frəga, frəsə, əstərʒi, əfuga, trəwə, əmpənə, ʒəte, lənsa, kəntə, əskorə, korə, ʒəle, ʒəla, gləsa, krəma, ənsəndrə, əlgu, altrə, əmplə, əspes, pəʒd, pəʒat, pəti, pətit, əstret, mənɤ, mənut, mərunt, dəlikat, destrə, bərmeɤ, dowə, kwatrə, ələ
5	j	jə, kabejo, estreja, jubja, jelo, jaθer, jebar, amarijo, aja
6	o	jə, io, jo, nos, no, bos, vof, vos, vose, veste, moɤɤe, domina, doɤa, donə, hominem, ombre, omēj, om, homo:, wəmo, nijo, nino, sponsa, esposa, ispoza, ifpozə, moɤɤe, mariðo, marito, sponsus, esposo, spəzo, ispozə, ifpozə, sokius, sɤfjo, sots, omaj, wazo, utfello, paxaro, passero, pjoxo, pidəkkjo, pioɤu, poɤ, pedoli, arborem, arɤol, albero, aɤvori, arbore, palo, fruto, frutto, flor, floɤ, kola, koda, plomə, pelo, kabejo, kapello, oɤej, orexa, orekkja, oreɤe, oɤejɤe, orele, okulus, oxo, əkkjo, oɤu, voli, ok, naso, na:so, boka, bokka, bokə, bokə, gola, golə, sol, sole, solikulus, soreli, o, pjodɤa, ploje, rio, lago, lago, θjelo, fɛlo, bjento, vento, jelo, ɤjelo, umo, fumo, fokum, fwego, fwəko, fogu, foyu, fok, apo, anno, nomi, nomi, nombre, komedere, komer, kome, morde:re, moɤdɤ, morðer, moɤdɤ, morsika:re, moskar, morsikare, konspuere, kogno:skere, konoθer, konoffere, kopeseɤ, koposi, koɤitare, dormi:re, dormir, dormire, doɤmɪɤ, dormi, moriɤ, morire, moɤeɤ, okki:dere, kortar, koɤtaɤ, skortare, kosaɤ, fodere, nwotare, wola:re, vole, bolar, volare, voaɤ, zvolare, zvola:, ose, tornare, tornar, tornare, toɤnaɤ, torna:, tork ^w e:re, toθer, appektora:re, fɤote, frotar, arronfəre, koser, komputa:re, kontar, kontare, konta:, sporre, joka:re, ɤɤokare, zogaa, kolar, kolare, koaɤ, skorrere, ifkoɤeɤ, əskorə, skori:, korer, korrere, koɤeɤ, korə, kori, ustolare, omne:s, oɤɤi, todo, tutto, todu, todu, tot, muɤfo, molto, mol, molc, tanto, okɤ, alguno, alkuno, poko, pəko, powku, otə, otro, altro, owtru, maɤo, maɤɤo, longus, longo, lungo, loɤ, larɤo, largo, lato, anfjo, ampjo, graso, grasso, espeso, spesso, gordo, grossus, gɤo, grəssə, grosu, grosu, gros, lerdo, lordo, pesaɤo, pekeɤo, pittfino, pikkolo, korto, korto, angosto, angusto, estreɤo, stretto, menudo, minuto, delyaɤo, delikato, sottile, seko, sekko, djestro, destro, derɛfjo, roxo, rosso, rofɤ, rofu, ros, rofu, bermexo, vermiɤɤo, rubjo, rəbbjo, rubeo, ʒon, amarijo, krokeus, kroɤeo, albo, uno, dos, dowə, k ^w attwor, kwatro, kwattro, θinko, kwando, k ^w o:modo, komo, kome, komu, no, non

Appendix 3 - Segments used in the word list

7	i	io, noi, voi, femina, femmina, femine, mulierem, domina, hominem, infantem, infante, ifēfi, nipo, nino, ispoza, mulier, maži, mariđo, marito, maridu, mariđ, ispozu, sokius, mari, pari, animalia, alimapa, be:stia, biſfa, biſe, bis, piſkem, pejfi, avi, awikellum, pidakkjo, piołu, pedoli, seſpēfi, sarpint, veſmi, aſvori, silwa, fūqi, pilus, kapillus, ſivja, kapitia, o:rikla, voli, nariθ, nariſe, naris, neriſ, solikulus, soreli, istrele, pluwia, plqi, flumi, rio, ſiw, ſiu, riw, ri:paria, ſivjeſ, rivi:ſ, ka:li:ginem, kalina, kaliđine, kalizēj, keližēj, tinjeblas, kajkia, vint, nomi, no:minem, ling ^w a, lingwa, limbə, bibere, bevi, mwardi, morsika:re, morsikare, kuſpiſ, kuſpir, eſkupir, eſkupi, ſti, kinoh, koposi, ko:gita:re, kqide, kwidar, kođitare, kuzitaſ, kuzitar, time:re, temi, trimar, dōſmiſ, dormir, dormire, dōſmiſ, durmir, durmi, dwaſmi, dormi, viw, bibir, vivere, viveſ, viver, biwra, vivi, via, muſiſ, morir, morire, muri, mōri, muri, tutari, oksiſ, utſidere, uksi, utſide, batir, bati, kaptia:re, talia:re, di:widere, dibidir, dividere, đividiđiſ, dividiđir, dibidi, dividi, divide, skindere, findere, findere, paſtiſ, partir, partire, paſtiſ, paſtir, paſti, pa:rti, pūziſ, pūzir, pupi, fwiſ, iſkēvaſ, iſkēvar, naviga:re, navigare, naviga, naviga, ſəmine, kaminar, kamminare, kəminiſ, kəminiſ, kəmina, ſimine, camina, ambita:re, vāniſ, benir, venire, viſ, vir, bāni, vini, viſi, veni, iſtēdeſ, iſtēder, ekſtinde, zeziſ, jeſi, alti:re, ziſe, xirar, đirare, zirar, zira, đira: viſe, birar, virare, virar, bira, kēir, tēniſ, tēni, tini, tinji, tsine, ekſprimere, ekſpremir, iſpra:meſ, iſpra:mer, eſprimi, stringere, eſtrepir, ſtrindgere, aſtrižir, aſtrižir, stringe, frika:re, frika:re, friſar, eſtaſir, eſta:ſi, eſquije, limpida:re, limpjar, tira:re, tiſe, tirar, tirare, ſira, tira, tire, tira, impingere, impindgere, impindge, xita, liga:re, lie, liya, kuſfire, kuſi, kuſi, diſ, deθir, dire, dizer, di, ziſe, ludir, fluitare, fluitare, fluir, fluire, flwiſ, flwir, flui, eſkurir, iſko:veſ, iſkurer, kuſiſ, kori, glakia:re, inglakia:re, inkendere, inſendjare, inſindze, oſpi, altri, alius, grēđi, ſpiſſus, iſpeſu, grawiſ, gwiſe, gravi, grevi, pittitus, pēti, pēti, piti, pittinus, pitſino, putin, pitulus, pikolo, piſul, brewiſ, brevi, ſtriktus, iſtrejtu, minu:tus, minuto, miudu, miudu, minu, minut, de:lika:tus, delikato, dēlikat, ſutil, ſottile, ſuſiſ, ſutil, ſuti, ſubſire, ſikkus, direjte, direjte, vermikulus, vermiłło, wiridem, galbinus, amarijo, kwatri, θinko, ſiſkwe, ſiſk, ſiſk, ſiſk, iſi, aki, kwi, eki, illak, ibi, vi, ai, ei, k ^w iſ, ki, kwi, ſine, k ^w id, ni, i, fi
8	w	ew, jew, wo:s, wōmo, pwaſo, awem, aw, awikellum, wazo, wermem, silwa, ſewwa, paw, kawde, kōw, pwal, ſōw, etwal, aywa, akkwa, agwe, aſwə, e:w, pluwia, ri:wus, ſiw, riw, riw, ſaw, nēwwe, newlə, ſew, wentum, fwego, fwōko, lengwa, lingwa, ligwe, bwaſ, bewra, mwardi, ſawwa, kwidar, dwaſmi, wi:were, biwra, nwaje, tuwe, di:widere, pwēdſ, rawra, fwiſ, kawa:re, ekſkaware, nwotare, wolare, vwar, wenire, zawra, ſwaſ, ſwaſ, kawra, laware, ſuwe, trēwra, zwe, đuwe, flugtwar, flwiſ, flwir, awgū, powku, owtru, aw, grweſ, grawiſ, grew, grew, brewiſ, brew, etkwa, dewgadu, ſuſiſ, dſwat, wiridem, awvu, dowə, tſwa, k ^w attwor, kwatro, kwattro, kwatru, kwatra, kwat, kwatri, ſiſkwe, kwi, kwi, kwa, kwe, kwando, kwēdu, kwan, kwand, kwant
9	o	zo, nojs, noj, vojs, vōse, dōnna, dōnə, dōne, om, omēj, omə, om, wōmo, spōza, əspōzə, spōzo, əspōs, sojfo, pidakkjo, flə, kōw, kōde, plōm, o:raj, o:kkjo, bōk, bōce, gōle, sōw, sōł, sōł, sōł, sōle, njoly, fwōko, fōk, nōm, nōj, mōrdere, kōnetſ, kinoh, dōſmiſ, mōri, oksiſ, vōle, tōdſ, tōtſere, tōrsə, lōji, kōle, tō, pōko, pōk, grōſſo, grōs, rōs, rōbbjo, rōj, grōk, kōmā, kōm, kōmē
10	đ	đi, pjodđja, kaliđine, đelo, đer, manđare, suđe, kođitare, kuđeta, đividiđiſ, punđere, punđe, neđi: merđere, merđe, đafere:re, đere, đirare, đira: strindgere, strindge, terđere, ſterđe, trađe, impindgere, impindge, đettare, đete, đokare, đuwe, đuja: skurđe, kurđe, đelare, đale, iſendjar, grēđi, ruđe, đen
11	r	đi, na:ris, iſendjar
12	j	jo, jew, nojs, vojs, femje, femeje, mujere, mujere, omaj, nəmaje, utſjel, pjoxo, pidakkjo, pju, padukje, ſerpjente, ſjēpē, ſjerpe, vjer, vjer, vjerme, fruſt, fjo:re, pjuma, ſivja, orekkja, əj, o:kkjo, u:j, gōj, jubja, pjodđja, ploje, plōaje, fjume, ſivjeſ, tjera, tjere, njoly, njebla, nebbja, tinjeblas, ſjel, θjelo, bjento, skujpa, kujda, sje, taje, teji: taja: taja, jugula:re, jugula:re, jakere, jeſi, ſjade, tinji, eſquije, suja: limpjar, jaktare, lōji: jōka:re, đuja: gjaſſjare, fjammar, ēsāđje, inſendjare, iſēđjar, majjo:rem, ampjo, gwiſe, djestro, rubjo, rōbbjo, kjen

Appendix 3 - Segments used in the word list

13	n	no:s, nu, nos, no:i, nojs, noʃ, no, no:, noj, fe:mina, femmina, femine, domina, dōnna, done, dōnə, dōne, dōamnə, hominem, infantem, infante, fante, nijo, nino, nenēj, nen, sponsa, sponsus, animalia, nema:l, nōmaje, serpentem, serpjente, serpente, sərpen, sarpint, serpens, penna, pen, pene, pen, pene, panə, na:sus, ne, naso, na:so, nas, na:s, nariθ, nariʃe, naris, nərif, na:rɪs, lu:na, lyn, luna, ʎunə, lōn, lune, lunə, flu:men, ka:li:ginem, kalina, kaliɖʒine, nebula, njɔly, njebɫa, nebbja, nɛvwə, newlə, negurə, tene:braj, tɛ:nebre, tene:bra:s, tenebʁ, tinjeblas, tɛ:nebre, tənebrəs, wentum, bjento, vento, ben, vint, vint, annum, anno, ɛnu, an, no:men, nɔ, no:me, nomi, nomi, nɔm, nō, nɔj, nume, no:minem, nombre, ling ^w a, lingwa, lɛnge, manduka:re, mandukar, mandʒare, minka, konspuere, kogno:skere, kɔnetʁ, konoθer, konoffere, kunɛʃə, kinɔh, kunqaste, pɛnsa:re, pensar, pensare, pənsa, neka:re, nwaje, nəga, neka, anegar, annegare, pugnare, skindere, findere, findere, ender, fəndere, fəndrə, pungere, punɖgere, punɖge, nata:re, nadar, nwotare, nadaʁ, nɔðar, nəda, nadar, navigare, naze, nabegar, navigare, naviʒar, nɛviʒar, nəbəga, nɛɖʒi, naviga:, naviga, fəmine, kaminar, kamminare, kəmina, ʃimine, camina:, andar, andare, wenire, vənɪʁ, benir, venire, bəni, vini, veni, ekstendere, ekstender, estendere, əstendrə, ekstinde, sedenta:re, sentar, senta:, torna:re, tuʁne, tornar, tornare, toʁnaʁ, turnar, turna, tu:rne, torna:, turna, tene:re, tənɪʁ, tener, tenere, təni, tini, tinji, tsine, stringere, strinɖgere, stringe, strɛngi:, strinɖge, enxugar, impingere, impinɖgere, impinɖge, lankea:re, lanθar, lanʃare, ʎənsa, lanci:, lanʃa:, ɛrunka:re, arankar, arronʃare, kɔnsuere, kontar, kontare, konta:, ɛnumera:re, enumɛʁe, enumerar, enumerare, enumera, numara, ekspɔ:nere, spune, kanta:re, kantar, kantare, kanta, cantar, kinta, inglakia:re, ingɛtsa, inkendere, enθender, inʃɛndjare, ʎsendʒiar, ənsendrə, inʃindʒe, omne:s, tantus, tanto, tant, tanc, alguno, alkuno, magnus, grandem, grande, grande, gran, grant, longus, longo, lungo, lunk, lung, anʃo, pe:sant, pesante, pezant, pittinus, pitʃino, pekenu, pikenu, putsin, angustus, angosto, angusto, minutus, mənɪ, menudo, minuto, mənut, minu, minut, mərunt, galbinus, ʒon, ɖɛn, galben, u:num, uno, un, unu, k ^w :ink ^w e, θinko, ʃinʃ, kjen, ʃine, k ^w ando:, kwando, kwan, kwand, kwant, kind, no:n, nɔ, no, non, nɛw, nu, nek, ni, ne, nɛj, nɛj, nɛ
14	s	no:s, nos, nojs, wo:s, bos, vojs, bus, vos, usted, vose, vɔse, voste, sponsa, esposa, spɔza, ispoza, əspɔzə, maritus, sponsus, esposo, spɔzo, ispozu, əspɔs, spɔ:s, sokius, sɔʃo, sots, be:stia, bis, piskem, pɛs, pwasɔ, useʎ, passerem, passero, pasɛru, pasəre, peduklus, serpentem, sɛʁpɔ, serpjente, serpente, sɛʁpɛʃi, sirpɛti, sərpen, sjɛʁpɛ, sarpint, serpens, sjerpe, serpe, serp, silwa, selba, selva, sɛwva, sɛlvə, sɛlve, pa:lus, fruktus, pilus, kapillus, kavettsa, kabesə, kɛʁesə, testa, tɛsta, tɛstə, tɛstə, ʃɛs, tɛste, tɛʒastə, okulus, na:sus, naso, na:so, nas, na:s, naris, na:rɪs, so:lem, sol, sole, sɔw, sɔʃ, sɔl, sɔʎ, sqare, solikulus, sɔʎej, soreli, ste:lla, estreja, stella, istrele, əstɛl, stɔ:l, stele, stɛa, ri:wus, sa:lem, sɛl, sal, sale, saw, se, sa:l, sare, tene:bra:s, tinjeblas, tənebrəs, fumasə, sjel, sɛw, sɛl, si:ʁ, fu:mus, morsika:re, moskar, morsikare, musəga, musəgar, musəya, murseka, su:gere, syse, sugaʁ, sugar, sysi, suɖge, konspuere, kɔspyɛ, kuspiʁ, eskupiʁ, əskupi, skuɟpa, sputere, esputar, sputare, spuda:, skire, sapere, savwaʁ, saber, sabɛʁ, sɛber, sɔʃɛ, savɔ:r, save:, kogno:skere, kɔnesɛʁ, kupiser, kɔposi, pɛnsa:re, pɔse, pensar, pensare, pɛsaʁ, pɛsar, pənsa, pɛse, peɟsa:, pəsa, əksiʁ, uksi, fase, kasəʁ, kɛsar, kəsa, ʃɛsi:, pulsare, puse, pulsare, pulsa:, pulsa, sekare, sje, segar, segare, segaʁ, siʒar, sɔya, sea:, ekskorta:re, skortare, skurta:, skurta, skindere, sɛde, se:para:re, sɔvɛ, separar, separare, separaʁ, sipɛrar, sɔpəra, separa:, separa, rasar, rasare, rasa:, raskar, rəska, kosaʃ, kusar, ekskawa:re, eskabar, skavare, ekstendere, ekstender, estendere, istɛdeʁ, əstendrə, ekstinde, jesi, sede:re, swaʁ, ser, sedere, sɛʁ, sedenta:re, sentar, sɛtar, senta:, stare, estar, stare, əsta, ɛs, sta:, sta, ose, aʃsa, aʃsar, əlsa, hɔ:si:, turser, tɔrsə, segurar, siguraʁ, siɟurar, eksprimere, ekspremir, spremer, əspremə, esprimi, skreme, serrere, serar, sɛʁa, sɔrar, səra, serare, sɛʁe, serrare, siʁar, sɛre, stringere, estrepir, strinɖgere, əstrepɔ, stringe, strɛngi:, strinɖge, frisar, frasa, ekstergere, estarsir, əstərzi, eksu:ka:re, esɟije, suwe, suja:, uska, puse, pu:si:, pulsa:, lɔse, lɛsa, lɛsar, ʎənsa, kɔnsuere, koser, qɔase, ekspɔ:nere, sporre, spune, ekskurrere, eskurir, skorrere, əskorə, skori:, skurɖge, glase, glasa, ɛsɔdʒe, ʎsendʒiar, ʎsɛdʒar, ənsendrə, ustula:re, ustolare, ustura, omne:s, to:tus, multus, tantus, paʒkus, alius, magnus, longus, largus, la:tus, amplus, krassus, graso, grasso, gras, gras, gras, spissus, espeso, spesso, espesu, ifpesu, əspɛs, spɛ, gurdus, grossus, grɔsso, grosu, grosu, grɔs, grwɛs, gros, grawis, lurdus, pe:sant, pesaɔ, pesante, pittitus, pittinus, pitulus, kurtus, brewis, angustus, angosto, angusto, ɲgust, striktus, estreʃo, stretto, istrejtɪ, əstret, stɔ:r, stret, strimt, minu:tus, de:lika:tus, subti:lem, sutil, sottile, suʃiw, suptil, suti, suti:l, subtsire, sikkus, sek, seko, sekko, seku, sek, sɛʃ, sek, dekstrum, djestro, dɛstro, destrɪ, destrə, di:rektus, destra, russus, rosso, ros, rɔs, vermikulus, rubeus, galbinus, amarellus, krokeus, albus, duɔ:s, dos, dojs, duas, duəs, tre:s, tres, tres, sɛk, siku, sink, isi, k ^w is, si:k

Appendix 3 - Segments used in the word list

15	u	nu, vu, bus, tu, usted, mulierem, muxer, му́лех, му́лех, му́лех, muir, mujere, epuz, mulier, muxer, му́лех, му́лех, му́лех, muir, mujere, maritus, maridu, meridu, sponsus, epu, ispozu, ifpozu, sokius, awikellum, utfello, useá, utfel, paseru, peduklus, pu, pioá, pju, pädukje, arvuri, arbul, pälus, fruktus, fruto, frutto, frute, frujt, frut, frukt, kua, pluma, pjuma, plume, pilus, pelu, pilu, kapillus, kabelu, kəbelu, ureá, ureke, okulus, oá, ná:sus, bukka, buf, bukə, gula, gurə, solikulus, luna, lue, áunə, lune, lunə, pluwia, jubja, juve, pluzə, fjume, flumi, flumi, flum, ri:wus, xiu, lakum, lagu, layu, nebula, negurə, fumata, fuma:ta, fumasə, fumate, kajlum, wentum, vētu, fu:mus, umo, fumo, fumu, fum, fókum, fogu, foýu, annum, enu, nume, kumer, manduka:re, mandukar, murðer, musəga, musəgar, musəya, murseka, sugax, sugar, cuca: suđe, konspuere, kuspix, kufpir, eskupir, əskupi, skujpa, sputere, esputar, sputare, spuda: kupiser, kunefə, kunqaste, kuzitar, kuzitar, kujda, kuðgeta, durmir, durmi, durmir, muxix, muxer, muri, muri: muri, tuwe, utfidere, uksi, ufide, pugna:re, punar, punpare, puna, battuere, pulsa:re, puse, puxar, pulsare, pufax, pufar, pulsa, pulsa, kurta:re, kurtar, ekskurta:re, ekuxte, skurta: skurta, pungere, punðere, puni, punðe, jugula:re, jugula:re, kusar, bula, zbura, lua, tuəne, turnar, turna, turna, turser, tumbar, tumba, tume, segurar, sigurar, siýurar, enxugar, affugare, əfugar, əfuyar, əfuga, suwe, suja: uska, puse, pulsa: erunka:re, aruŋka, ko:nsuere, kudx, kufire, kuzer, kuzi, kuzi, komputa:re, kumta, ennuma:re, enumeke, enumerar, enumerare, enumera, numara, spune, ludir, xugar, zuyar, zuga, đuwe, đuja: zuka, flu:ktua:re, flugtwar, fluttuare, flutuax, flutuar, fluktua, fluctua, fluita:re, fluitare, fluere, fluir, fluire, flui, kule, kuar, kuá, ekskurrere, eskurir, ifkurer, skurðe, kurrere, kuxix, kuxer, kurðe, brufare, bruza: ustula:re, ustolare, ustura, to:tus, tu, tutto, todū, dut, multus, mu, mufo, mǔjtu, mult, tantus, tētu, tētu, alguno, alkuno, əlgu, paŋkus, powku, owtru, alius, magnus, longus, lungo, lögu, lunk, lung, largus, laxgu, largu, la:tus, latu, amplus, əfu, krassus, grafu, spissus, espesu, ifpesu, gurdus, grossus, grosu, grosu, lurdus, lux, pezadu, pizaðu, pittitus, pittinus, pekenu, pikenu, putsin, pitulus, pişful, kurtus, kux, kuətu, kurtu, kurt, kurt, angustus, angusto, ingust, striktus, istrejtū, iftrejtū, minutus, menudo, minuto, miudu, miuðu, mənut, minu, mərunt, de:likatus, dewgadū, dełyaðu, subtil:lem, sutil, sufwi, suptil, suti:l, subtsire, sikkus, seku, dekstrum, destrū, deştru, dire:ktus, russus, xu, xofu, rofu, vermikulus, vəkmeá, virməjá, rubeus, xuz, rubjo, rubeo, ruðe, galbinus, amarellus, əmarelu, əmerelu, krokeus, albus, awvu, alvu, u:num, uno, un, uŋ, unu, duo:s, duaj, due, duas, duəs, duş, kwatru, patru, siku, ekkumhi:k, kwēdu, komu, kum, nu
16	f	noş, voş, ifpoze, ifpozu, biffa, bife, peşfe, peşfi, peşfi, pef, peşte, farpe, farpe, fəvə, fəve, teşte, neriş, buf, iftrele, juve, treveş, kufpir, fti, konoffere, kunefə, kunqaste, fase, pufax, pufar, findere, xafkax, xefkar, ifkevar, ifkevar, fəmine, maxfe, iftēder, sedəa, iftar, altfa: swax, ifprəmer, ifprəmer, əftrizir, əftrizir, iffrigar, iffriyar, fterðe, affugare, əfugar, əfuyar, əfuga, fāte, ifkoxek, ifkurer, əfu, grafu, ifpesu, iftrejtū, deştru, xofu, xofu, rofu, doş, duş, tref, fi
17	oj	noj, voj, froj, rojb, dojs, doş, doş
18	v	vu, vo:i, vojs, voş, vos, vo: voj, vose, vose, voste, avi, avi, vek, verme, vəkmi, vermi, verm, vjer, vjer, vjerme, əvori, arvuri, selva, səwva, səlvə, selve, fəvə, fivja, cavej, fəve, kavettsa, voli, juve, xivjek, rivi:x, nəvwə, treveş, vā, vento, vētu, vē, vint, vint, bevi, savwax, savə:r, savei, vivx, vivere, vivek, viver, vivi, via, dividere, đividiđix, dividiđir, dividi, divide, səvke, kavare, kevar, kevar, çavle, java: skavare, ifkevar, ifkevar, zjava: naviga:re, navigare, naviyax, nəviyar, naviga: naviga, vole, volare, voax, vwar, vole, zvolare, zvola: vənix, venire, vix, vir, vini, viji: veni, levara: ləve, levare, levar, livar, levar, vix, virare, virar, lave, lavare, levar, lava: greve, gravi, gravi, grav, grevi, breve, brevi, brevi, vermikulus, vəkmej, vermíá, virməjá, vek, verde, verdi, vert, vek, vert, verde, awvu, alvu, vi
19	b	bos, bus, embra, fembra, ombre, be:stia, biffa, bife, bis, abe, berme, arborem, əbx, albero, abra, o:b, arbul, arbore, selba, kabejo, kabelu, kəbeá, kabese, bukka, buf, boka, bokka, bokə, bokə, bək, bəce, bukə, jubja, nebula, njebba, nebbja, tene:braj, tenebre, tene:bra:s, tenəbx, tinjebbas, tenebre, tenebrəs, bjento, ben, nombre, limbə, bibere, bwax, beber, bere, bebx, bişer, bəwra, bə:x, bevi, bea, saber, sabex, seber, bibir, biwra, battuere, batx, batir, battere, batek, betar, batrə, bate, bati, dibidir, dibidi, kabar, kəba, eskabar, nabegar, nəbəga, bolar, bula, zbura, ambita:re, benir, bəni, jebar, ləba, birar, bira, tōbe, tumbar, tōbax, tōbar, tumba, bəyle, brufare, bəule, bruza: flābe, grabe, brevis, bəf, brebe, breve, brevi, brevi, brew, bəf, subtil:lem, subtsire, bermexo, bərməá, rubeus, rubjo, rəbbjo, rubeo, rojb, berde, galbinus, galben, albus, albo, alb, ibi:

Appendix 3 - Segments used in the word list

20	t	tu:, ty, tu, usted, voste, infantem, infante, fante, ifēti, mari:tus, marito, marit, mari:t, mērit, ma:trem, patre, tata, tatə, be:stia, pe:ste, utfello, serpentem, serpiente, serpente, sirpēti, sarpint, fruk:tus, fruto, frutto, frutə, frujt, frut, frukt, kapitia, kavettsa, testa, tət, testa, testə, tējtə, testə, teste, tšəstə, stella, etwal, estreja, stella, istrelə, iftrelə, əstəl, stəl, stele, stə, la:t, terra, tək, tjera, terra, təkə, təkə, tərə, tək, tjere, tene:braj, tene:bre, tene:bra:s, tenəbək, tinjebłas, tene:bre, trəvəf, tənebrəs, fu:ma:ta, fumata, fuma:ta, fumate, wentum, bjento, vento, vētu, vint, vint, sputere, esputar, sputare, fti, kənətək, kunqafte, ko:gita:re, kodžitare, kuzitaək, kuzitar, kuđeta, timere, temer, temere, temək, timer, temə, temi, teme, tremere, tremar, tremare, tremək, trimer, trima:, tu:tari, tpe, tuwe, maktare, mate, matar, mataək, mētar, mēta, utfidere, battuere, batək, batič, battere, bateək, bēter, batrə, bate, bati, kaptiare, katfare, kurta:re, kortar, ko:tək, kurtar, ekskurta:re, ekukte, skortare, skurtar, skurta, talia:re, taje, taxar, tałłare, tałək, tēlar, tēla, teji:, taja:, taja, fēt, parti:re, pərtiək, partir, partire, pērtir, pērti, pə:rti, parti:, nata:re, nwotare, ambitare, ekstendere, etādk, ekstender, estendere, istēdek, iftēder, əstendrə, ekstinde, sedenta:re, sentar, sētar, senta:, stare, etək, estar, stare, iftar, əsta, sta:, sta, altiare, altja:, torna:re, tuəkne, tornar, tornare, to:nək, turnar, turna, turne, torna:, turna, tork ^w ere, tōdk, torθer, tərθere, turser, tōrsə, tərθe, tōbe, tumber, tōbək, tōbar, tumba, tume, tene:re, tənək, tener, tenere, tək, ter, tēni, tini, tinji, appektora:re, apretar, epirtar, stringere, etwēdk, estrepič, strindgere, əftrizir, əftrizir, əstrepə, stringe, strēngi:, strindge, friktare, fəote, frotar, frettare, tergere, tərđere, ekstergere, estarsir, əstərzi, fterđe, tirare, tike, tirar, tirare, tira, tire, tira:, trahere, tək, trarre, traze, trəzer, trəwə, traj, trađe, jakta:re, zəte, đettare, zejtar, xita, đete, apta:re, atar, etar, komputa:re, kōte, kontar, kontare, kōtar, kumta, konta:, kanta:re, fāte, kantar, kantare, kētar, kēta, fāte, canta:, kinta, fluktuare, flyktpe, flugtwar, fluttuare, flutuək, flutuar, fluktua, fluctua, fluita:re, fluitare, gjaťfjare, ustulare, ustolare, ustura, to:tus, tu, todo, tutto, todū, tot, tə, dut, multus, molto, mūjtū, mult, tantus, tanto, tētu, tētu, tant, tanc, alter, otək, otro, altro, owtru, altrə, ot, altri, alt, grant, la:tus, lato, latu, lat, pesant, pesante, pəzat, pezant, pittitus, pēti, pētit, piti, pittinus, pitfino, pitulus, kurtus, korto, korto, kuək, kurtu, kurt, kurt, angustus, angosto, angusto, ingust, striktus, etkwa, estrefo, stretto, istrejtū, iftřejtu, əstret, stək, stret, strimt, minutus, minuto, mēnut, minut, mērunt, delika:tus, delikato, dēlikat, subti:lem, sutil, sottile, suptil, su:ti, sutil, dekstrum, djestro, dastro, dēstru, dēstru, destrə, direktus, dəkwat, destra, dirējtə, dirējtə, drət, drət, drət, drept, vət, vət, tre:s, təkwa, tres, tre, tref, tres, trə:, tre:, trej, k ^w attwor, katək, kwatro, kwattro, kwatru, kwatrə, kwat, kwatri, patru, kwant, fjemut, et
21	u:	tu:, u:hə, fruk:tus, plu:ma, u:j, lu:na, plu:ək, flu:men, fu:ma:ta, gelu:, fu:mus, fu:k, su:gere, tu:tari, turne, eksu:ka:re, pu:si:, lu:dere, fluktuare, bəkule, ku:ək, minutus, minut, du:ze:, su:ti, unum, fjemut
22	y	ty, fry, plym, lyn, ɣy, njoly, fyne, syse, sysi:, kōspy, zygye, gyra:re, flyktpe, flye, bəkyle, mēny
23	d	usted, domina, dam, do:pa, dōnna, donə, dōnə, dēm, dōne, dōamnə, maridu, ma:dre, pa:dre, peduklus, pidəkkjo, pedoli, pədukje, ka:pa, koda, kawdə, kōde, qōadə, pjodđa, komedere, mandukare, mandukar, morde:re, mo:dk, mōrdere, mo:dek, mwardi, spuda:, kuide, kwidar, kujda, kēdek, dormi:re, dōmī, dormir, dormire, dōmī, durmir, durmi, dwəmi, durmi:, dormi, okki:dere, utfidere, ufide, di:widere, dibidir, dividere, diviđir, dibidi, dividi, divide, skindere, sēde, findere, findere, fādk, ender, fendere, fēdek, fēder, fēdrə, pwēdk, rādere, radere, rada:, rade, fodere, nadar, nadaək, nōda, nada:, andar, andare, ēdaək, ēdar, ekstendere, etādk, ekstender, estendere, istēdek, iftēder, əstendrə, ekstinde, sedere, sedere, fedga, sedenta:re, tōdk, kadere, fjadē, kōdga, epwēdk, etwēdk, limpida:re, kudək, dikere, diək, deθir, dire, dizer, di, di:ək, di:, lu:dere, ludir, arde:re, a:dk, arder, ardere, a:dek, erder, arde, inkendere, ēsādje, enθender, infēndjare, isēdjare, əsendrə, infindze, todo, todū, dut, grandem, grande, grande, grēdi, gurdus, gordo, lurdus, lerdo, lordo, pezadu, menudo, miudu, delika:tus, du:ze:, delyađo, delikato, dewgadu, delyađu, dēlikat, dekstrum, djestro, dastro, dēstru, dēstru, destrə, direktus, dəkwat, derefo, destra, dirējtə, dirējtə, drət, drət, drət, drept, wiridem, berde, verde, verdi, verde, duo:s, dō, dos, dojs, dojf, dō:, doj, duaj, due, dowə, duas, dūes, duēf, k ^w id, k ^w ando:, kwando, kwēdu, kwand, kind, k ^w o:modo

Appendix 3 - Segments used in the word list

24	f	fe:mina, fam, femmina, femev, femjv, fembra, fœm, femine, femeje, infantem, āfā, infante, fante, ifēfi, ifēti, efā, fruktus, fūqi, fruto, frutto, frute, frujt, fry, frut, frukt, flo:rem, flœv, flor, fjo:re, flov, flō, flōv, flo:r, flo:re, ca:f, flu:men, fjume, flumi, flumi, flum, fu:ma:ta, fyme, fumata, fuma:ta, fumasv, fumate, fu:mus, fumo, fumu, fum, fokum, fō, fwego, fwōko, fogu, foyu, fōk, fō:, fu:k, fok, findere, fād̥v, fendere, fēdev, fēder, fēndrā, fēt, fodere, fwiv, frika:re, fveje, fregar, fregare, frāga, froj, frea, freka, iffrigar, iffriyar, frikta:re, fvote, frotar, frettare, frisar, frāsa, flu:ktua:re, flyktv, flugtvar, fluttuare, flutuav, flutuav, fluktua, fluctua, fluita:re, fluitare, fluere, flye, fluir, fluire, flwiv, flwir, flui, flamma:re, flābe, flamear, fjammar, flāma, flagra:re, flagv, flagrar, flagrare, flagvav, flagrar, gvijef, bvēf, bvēf
25	e:	fe:mina, be:stia, pe:l, ste:lla, tene:braj, tene:bra:s, morde:re, save:, pe:nsa:re, time:re, se:para:re, jake:re, d̥aʃe:re, sede:re, tork ^w :re, tene:re, erunka:re, e:numera:re, ardere, omne:s, pesant, de:lika:tus, du:ge, di:re:ktus, tre:s, tre:
26	m	fe:mina, fam, embra, femmina, femev, femjv, fembra, fœm, femine, femeje, mulierem, muxer, moʎʎe, muʎv, muʎer, muʎe, muir, mujere, domina, dam, dœm, d̥am̥nā, hominem, ɔm, ombre, omēj, ɔmēj, ɔmā, ɔm, om, homo:, wōmo, infantem, mulier, muxer, moʎʎe, muʎv, muʎer, muʎe, muir, mujere, mari:tus, mav, mari:do, marito, maridu, m̥ari:du, marit, marit, m̥arit, ma:trem, mev, madre, ma:dre, mēj, marā, mev, mari, animalia, omaj, alimaja, nema:l, n̥omaje, piskem, awem, awikellum, passerem, serpentem, wermem, berme, vev̥mi, vermi, v̥erm, vjerm, vjerm, arborem, flo:rem, plu:ma, plym, pluma, pjuma, plomā, pl̥om, plumē, so:lem, flu:men, fjume, flumi, flumi, flum, lakum, mare, mev, mar, mav, mar, mev, mar, sa:lem, ka:li:ginem, fu:ma:ta, fyme, fumata, fuma:ta, fumasv, fumate, kajlum, wentum, fu:mus, umo, fumo, fumu, fum, fokum, annum, no:men, no:me, nomi, nomi, n̥om, nume, no:minem, nombre, limbā, komedere, komer, kome, kumer, manduka:re, m̥āge, mandukar, mand̥gare, m̥ēzav, m̥ēzar, m̥əzā, m̥ari:, m̥aja:, m̥inka, morde:re, m̥ordv, m̥or̥der, m̥ordere, m̥ov̥dev, m̥ur̥der, m̥wardi, morsika:re, moskar, morsikare, musāga, musāgar, musāya, murseka, time:re, temer, temere, temev, timer, temā, temi, teme, tremere, tremar, tremare, tremev, trimer, trima:, dormi:re, d̥əv̥miv, dormir, dormire, d̥əv̥miv, durmir, durmi, dv̥av̥mi, durmi:, dormi, mukiv, morir, morire, mov̥ev, muxer, muri, m̥ari, muri, muri, maktare, mate, matar, matav, m̥etar, m̥eta, mat̥fa:, f̥əmine, kaminar, kamminare, k̥əminav, k̥əminar, k̥əmina, f̥imine, camina:, mav̥fe, ma:ʃfi:, mergere, m̥erd̥gere, m̥erd̥ge, ambita:re, tumbav, tumba, tume, eksprimere, ekspremir, spremer, ifpr̥amev, ifpr̥amer, əspremā, esprimi, skreme, limpidare, limpjar, impingere, impind̥gere, əm̥p̥r̥ə, impind̥ge, komputa:re, kumta, e:numera:re, enumev, enumerar, enumerare, enumera, numara, krema:re, kv̥ame, kemar, kremare, k̥əjmare, k̥əjmaxe, kr̥oma, flammare, flamear, fjammar, flāma, omne:s, multus, mu, mut̥fo, molto, m̥ūjtu, mol, molc, mult, magnus, mapo, map̥no, grandem, majjo:rem, mare, amplus, ampjo, amplā, strimt, minu:tus, m̥əny, menudo, minuto, miudu, miudu, m̥ənut, minu, minu:t, m̥ərun̥t, subti:lem, dekstrum, vermikul̥us, v̥əv̥mej, bermexo, vermiʎʎo, v̥əv̥meʎu, v̥ir̥mejʎu, b̥əv̥meʎ, wiridem, amarellus, amarijo, v̥əv̥arelu, v̥əv̥arelu, u:num, ekkumhi:k, k ^w em, k ^w o:modo, k̥omā, komo, kome, komu, k̥om, k̥omē, f̥emu:t, kum

Appendix 3 - Segments used in the word list

27	a	<p>fe:mina, fam, embra, femmina, fembra, domina, dam, dopa, dōnna, infantem, infante, fante, sponsa, esposa, spoza, ispoza, maritus, maši, mariðo, marito, maridu, marit, marit, madre, marə, mari, patre, padre, parə, pari, tata, tatə, animalia, omaj, alimapa, nəmaje, be:stia, biſſa, pwasō, awem, abe, avi, avī, aw, awikellum, wazo, passerem, paxaro, passero, paseru, pasere, sarpint, farpe, farpe, arborem, aŗbŗ, aŗbol, albero, aŗvori, aŗvuri, aŗrə, aŗbul, arbore, silwa, selba, selva, sēwva, pal, palo, paw, par, kaŗda, kola, koda, kawdē, kua, plu:ma, pluma, pjuma, penna, peŗa, panə, pwal, kapillus, kabejo, kapello, kabelu, ſſivja, cavej, kapitia, kaŗeθa, kavettsa, kabese, kap, testa, tēsta, o:rikla, orexa, orekkja, naso, nas, nariθ, nariſſe, naris, bukka, boka, bokka, gula, gola, a:la, ala, a, alə, ale, lu:na, luna, ste:l̄la, etwal, estreja, stella, ak^wa, aywa, akkwa, agwē, age, apə, pluwia, jubja, pjodſa, ripa:ria, lakum, lak, lago, lago, lagu, layu, ʎak, mare, mar, maŗ, mar, sal, sale, saw, sare, terra, tjera, terra, tsarə, kalina, kaliſſine, kaliſſe, nebula, njebla, nebbja, tinjeblas, fu:ma:ta, fumata, fuma:ta, fumase, fumate, kajkia, annum, apo, anno, an, an, ling^wa, leſſgwa, lingwa, manduka:re, mandukaŗ, mandſare, mēŗaŗ, mēŗar, məŗza, maŗi: maŗja: minka, mwardi, moskaŗ, morsikare, musəga, musəgar, musəŗa, murseka, sugaŗ, sugaŗ, skuŗpa, esputaŗ, sputare, sapere, savwaŗ, saber, sabek, savə:ŗ, save:ŗ, kwidaŗ, koſſitare, kuzitaŗ, kuzitaŗ, kujda, kuſſeta, pensaŗ, pensare, pēsaŗ, pēsaŗ, pēnsa, pēsa, tremare, dwaŗmi, via, nēga, neka, anegaŗ, annegaŗe, maktare, mate, mataŗ, mataŗ, meŗaŗ, mēta, maŗja: puŗaŗ, puŗpaŗe, puŗa, battuere, batŗ, batir, battere, bateŗ, batrə, bate, bati, kaptia:re, fase, kaθaŗ, kaŗfare, kasaŗ, keŗaŗ, kēsa, caŗfa: puxaŗ, pulsare, puŗaŗ, puŗaŗ, pulsa, segaŗ, segare, segaŗ, siŗaŗ, sēŗa, kortaŗ, koŗtaŗ, kurtar, skortare, skurta, taxar, ta:lla:re, ta:laŗ, te:laŗ, tēla, taja:ŗ, tēja, partire, paŗtiŗ, partir, partire, paŗſſiŗ, parti: se:para:re, separaŗ, separare, separaŗ, siŗeŗaŗ, sēŗeŗa, separa:ŗ, separa, raer, radere, ʎaek, rawrə, rada:ŗ, rade, rasar, rasare, ʎazaŗ, ʎeŗaŗ, rəza, rasa:ŗ, raskaŗ, ʎaŗkaŗ, ʎeŗkaŗ, rēska, kosa:ŗ, kusaŗ, kaware, kabar, kavare, keŗaŗ, keŗaŗ, kēba, ʎava:ŗ, ekskaware, eskabar, skavare, iŗkeŗaŗ, iŗkeŗaŗ, zŗava:ŗ, natare, nadar, nwotare, nadaŗ, neŗaŗ, nēda, nada:ŗ, naviga:re, naŗe, nabegaŗ, navigare, naviŗaŗ, neŗiŗaŗ, nēŗeŗa, naviga:ŗ, naviga, bolar, volare, voaŗ, vwaŗ, bula, zvolare, zbura, kaminar, kamminare, keŗiŗaŗ, keŗiŗaŗ, kēmina, camina:ŗ, maŗſſe, ambita:re, andar, andare, ēdaŗ, ēdaŗ, jake:re, jaθer, ſaŗſſe:re, zawrə, swaŗ, sentaŗ, sētaŗ, estaŗ, stare, iŗtaŗ, ēsta, sta, jebaŗ, levare, lewaŗ, livar, ʎəba, lua, altiare, alθaŗ, altsare, aŗsa, aŗsar, əlsa, altfa:ŗ, tornaŗ, tornare, toŗnaŗ, turnaŗ, turna, turna, xiraŗ, ſiŗare, ziraŗ, zira, birar, virare, virar, bira, kadere, ſwaŗ, kaer, kadere, kawrə, ſſjade, tumbaŗ, tōbaŗ, tōbaŗ, tumba, seguraŗ, siguraŗ, siŗuraŗ, seraŗ, seŗa, sēŗaŗ, sēŗa, serare, θeraŗ, serrare, siŗaŗ, appekto:re, apretaŗ, ēpiŗtaŗ, fregaŗ, fregare, frēga, frea, freka, iŗfrigaŗ, iŗfriŗaŗ, frotar, frettare, frisaŗ, frēsa, lawa:re, lave, laŗaŗ, lavare, lewaŗ, lava:ŗ, la, estarsir, enxugaŗ, affugare, ēfugaŗ, ēfugaŗ, əfuga, uska, limpjaŗ, liŗaŗ, tiraŗ, tirare, ſſira, tira, trahere, trarre, traze, traŗe, jaktare, eŗfaŗ, ſettaŗe, zeŗtaŗ, xita, lankea:re, lanθaŗ, lanŗfare, lēsa, lēsaŗ, ʎēnsa, lanci:ŗ, lanŗfa:ŗ, arankaŗ, arronŗfare, aŗuŗka, legar, legare, ʎiŗa, lega, apta:re, atar, ētaŗ, kontar, kontare, kōtaŗ, kumta, enumerar, enumerare, enumera, numara, kanta:re, kantaŗ, kantare, kētaŗ, kēnta, canta:ŗ, kinta, xugaŗ, ſſokare, zogaŗ, zuŗaŗ, zuga, zuka, flugtwar, fluttuare, flutuwaŗ, flutuaŗ, fluktua, fluctua, fluitare, kolar, kolare, koaŗ, kuaŗ, kuŗa, elar, ſelare, zilaŗ, zēla, ſale, glakia:re, glase, gjatŗfare, glēsa, glaŗfa:ŗ, inglakia:re, ingetsa, bruŗfare, kēame, kemaŗ, kremare, keŗmare, keŗmaŗe, krēma, flamma:re, flameaŗ, fŗammaŗe, flama, ardere, aŗdŗ, arder, ardere, aŗdēŗ, arde, flagra:re, flagŗe, flagraŗ, flagrare, flagŗaŗ, flagraŗ, iŗſſendjare, iŗsenŗjaŗ, iŗsēdjaŗ, ustolare, ustura, tant</p> <p>us, tanto, tant, tanc, alguno, alkuno, awgū, aŗgū, alter, altro, altrə, altri, alt, alius, aw, aŗ, magnus, maŗo, maŗpo, grandem, grande, gran, grant, mare, largus, laŗŗ, laryo, largo, laŗgu, largu, ʎark, lark, larg, lato, latu, lat, amplus, anŗo, amŗo, amplə, krassus, graso, grasso, graŗu, gras, gras, grawis, grabe, gravi, gravi, grav, pesant, pesaŗo, pesante, pezadu, pizaŗu, pēzat, pezant, angustus, angosto, angusto, etŗwa, deŗŗaŗo, delikato, dewgadu, deŗŗaŗu, dēlikat, dēwat, dēstra, galbinus, galben, amarellus, amariŗo, ēmaŗeŗu, albus, albo, awvu, alvu, alb, duas, k^wattwor, kaŗŗ, kwatro, kwattro, kwatru, kwatrə, kwat, kwatri, patru, aki, la, aja, əla, ai, kwa, k^wando:ŗ, kwando, kwan, kwand, kwant</p>
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Appendix 3 - Segments used in the word list

28	r	embra, fembra, muxer, muher, ombre, muxer, muher, mariðo, maridu, mæriðu, marit, maðre, marə, paðre, parə, paxaro, paseru, pasəre, serpjente, sirpēti, farpe, sierpe, serp, farpe, berme, vermi, vermi, arβol, albero, akvori, arvuri, abra, par, fruto, frute, frujt, flor, fjo:re, floare, pər, orexa, orelə, orejlə, urelə, nariθ, naris, nərif, gurə, sqare, estreja, istrelə, iftrelə, mar, trenevəf, tənebrəs, tfer, nombre, beber, bere, biβer, bəwrə, komer, kumer, mandukar, mandzare, mēzar, morðer, murðer, moskar, morsikare, sugar, kufpir, eskupir, esputar, sputare, saber, səber, konoθer, kupiser, kwidar, kuzitar, pensar, pensare, pəsar, temer, timer, tremar, tremə, trimer, dormir, durmir, bibir, viver, biwrə, morir, muxer, muri, anegar, matar, mətər, utffidere, punar, batir, bəter, batrə, kaθar, kəsar, puxar, pufar, segar, siyar, kortar, kurtar, taxar, təlār, dibidir, dividiir, ender, fēder, fəndrə, partir, pərtir, separar, separə, sipərər, səpəra, pūzir, raer, vər, rawrə, rasar, vəzar, raskar, vəfkar, kusar, kabar, kəvar, eskabar, ifkəvar, nadar, nwotare, nəðar, nabegar, nəviyar, bolar, volare, vvar, zvolare, zbura, kaminar, kamminare, kəminar, andar, ēdar, benir, venire, vir, ekstender, iftēder, əstendrə, jaθer, dʒaʃere, zəzer, zəwrə, ser, sentar, sətər, estar, iftar, jebar, livar, alθar, əlsar, tornar, turnar, xirar, dʒirare, zirar, zira, birar, virare, virar, bira, torθer, kaer, kadere, kəir, tumber, tōbar, tener, tenere, tər, segurar, sigurar, siyurar, ekspremir, əspremə, serar, sərar, θerar, siyar, apretar, ɐpirtar, estrepir, əstreɲə, fregar, frəga, iffrigar, iffriyar, frotar, frisar, frəsa, laβar, ləvar, estarsir, enxugar, ɛfugar, ɛsugar, limpjar, lipar, tirar, tʃira, tira, traze, trəzer, trəwrə, ɛʃar, zejtar, lanθar, ləsar, arankar, aruŋka, legar, atar, ɐtar, koser, kuzer, kontar, kōtar, enumerar, enumera, deθir, dizer, kantar, kətar, ludir, xugar, zuyar, flugtwar, flutuar, fluir, flwir, kolar, kuar, eskurir, ifkurer, skurde, korer, kuser, kurde, elar, zilar, kemar, kəmare, flamear, arder, ɐrder, arde, flagrar, flagrar, enθender, isendjar, isədjər, ənsendrə, otro, owtru, altrə, grande, grēdʒi, grēdi, mare, larɣo, largu, ʌark, graso, grafu, gras, gordo, grosu, grosu, grəs, grabe, gravi, gravi, grew, grew, lerdo, korto, kurtu, kurt, brebe, brevi, brevi, brew, estrefjo, istrejt, iftrejt, əstret, djestro, destr, dɛftru, destrə, derefjo, direjte, dret, drept, rofu, bermexo, virməjəlu, berde, verdi, vət, verde, amarijo, ɐmarəlu, ɐmarəlu, grək, tres, tref, kwatro, kwatru, kwatrə
29	v	femeə, femje, donə, ifpozə, mæriðu, bifə, paseru, səlvə, frute, kawdə, penə, kəβelu, kabesə, kəβesə, testə, tɛftə, orelə, orejlə, nərif, bokə, luvə, istrelə, iftrelə, agwə, fuvə, təkə, təkə, kəlizɛj, nəvwə, trenevəf, fumasə, ɐnu, līgwe, səber, mətər, bəter, kəsar, təlār, pərtir, sipərər, vər, vəzar, vəfkar, kəvə, kəvar, ifkəvə, ifkəvar, nəðar, nəviyar, kəminar, kəminar, zəzək, zəzer, kəir, ɐpirtar, ləvar, trəzer, ɐtar, ɐrder, direjte, direjte, ɐmarəlu, ɐmarəlu, duəs, duəf, ɐki, ɐi
30	œ	fœm, dœm, flœk, œj, gœl
31	ε	fəmine, ɛfā, pəs, pəhð, utffello, utffjel, sjəkpə, serpe, vərmi, vjər, vjer, səwva, səlvə, selve, kəde, plumə, pən, pənə, pene, pəl, kəβəl, fəvə, tət, testa, testə, tɛftə, tʃes, tɛstə, urelə, bəce, əstəl, stələ, mək, səl, tərər, təkə, tərə, tjere, nəvwə, tənəbək, trenevəf, sjəl, tʃəl, səw, səl, vento, zəl, dʒəl, zəl, ləngə, bəwrə, səβə, kənetək, kənefə, tʃesi:, tɛji:, fəndere, fəndrə, nədʒi:, mərɟere, estendere, ɛtək, ɛs, sprəmere, sere, əstreɲə, strəngi:, tərɟere, təkə, trəwrə, əmpɛrə, dʒete, inffəndjare, ɛspəs, əspəs, spɛ, grwəs, gəijɛf, greve, grevi, bəkə, breve, brevi, brevi, əstret, stret, dɛʃaðu, sək, sək, sɛʃ, destro, destr, dɛftru, destrə, dret, dret, vəkə, bərmə, vət, vək, vət, dʒen, ɐmarəlu, ɐmarəlu, tres, kə, ɛ

Appendix 3 - Segments used in the word list

32	l	mulierem, mulier, animalia, alimapa, nema:l, awikellum, uttfello, utfjel, peduklus, pedoli, arβol, albero, arbul, silwa, selba, selva, selve, pa:lus, pal, palo, pa:l, flo:rem, flœx, flor, flox, flō, flō:x, flo:r, flqare, kola, plu:ma, plym, pluma, plomā, plom, plumē, pilus, pwal, pelo, pelu, pilu, pēl, pē:l, kapillus, kapello, kabelu, keβelu, o:rikla, orele, okulus, voli, gula, gœl, gola, golā, gōle, a:la, el, ala, alā, ale, so:lem, sol, sole, sōl, sōlō, solikulus, sōlej, soreli, lu:na, lyn, luna, lue, lōn, lune, lunā, ste:lla, etwal, stella, istrelē, iftrele, æstel, stō:l, stele, pluwia, plqi, pluzā, plu:x, ploje, ploaje, flu:men, flumi, flumi, flum, lakum, lak, lago, lago, lagu, layu, la:t, sa:lem, sēl, sal, sale, sa:l, ka:li:ginem, kalina, kalidžine, kalizēj, kēlizēj, nebula, njōly, njebla, newlā, tinjeblas, kajlum, sjel, θjelo, fēlo, sēl, fē:l, gelu:, zēl, jelo, dēlo, ling ^w a, lāg, lengwa, lingwa, ligwē, lēu, lēngē, limbā, pulsa:re, pulsare, pulsa:, pulsa, ta:lia:re, jugula:re, zygye, jugula:re, çavle, wola:re, vole, bolar, volare, bula, vōle, zvolare, zvolā:, levara, lōve, levare, levax, livar, levar, leva:, altia:re, alθar, altsare, əlsa, altfā:, laware, lave, laβar, lavare, lēvar, lava:, la, limpida:re, limpjar, līpar, pulsa:, lankea:re, lōse, lanθar, lanfāre, lēsa, lēsar, lanci:, lanfā:, liga:re, lie, legar, legare, lōji:, lea:, lega, lūdere, ludir, flu:ktua:re, flyktqe, flugtwar, fluttuare, flutuax, flutuar, fluktua, fluctua, fluita:re, fluitare, fluere, flye, fluir, fluire, flwix, flwir, flui, kō:la:re, kule, kolar, kolare, kōle, gelare, zōle, elar, dēlare, zilar, zōla, dēale, glakia:re, glase, glōsa, glāfā:, inglakia:re, bōyle, bōule, flamma:re, flōbe, flamear, flagra:re, flagrē, flagrar, flagrare, flagrax, flagrar, ustula:re, ustolare, multus, molto, mol, molc, mult, alguno, alkuno, əlgu, alter, altro, altrā, altri, alt, alius, longus, lō, longo, lungo, lōgu, lō, lunk, lung, largus, lāg, lāgō, largo, lāgu, largu, lark, larg, la:tus, le, lato, latu, lat, amplus, āpl, amplā, lurdus, lūx, lerdo, lordo, pitulus, pikkolo, piťful, de:lika:tus, delyađo, delikato, dēlikat, subtil:em, sutil, sottile, suptil, suti:l, vermikulus, galbinus, galben, amarellus, əmarelu, əmērelu, albus, albo, alvu, alb, illak, la
33	r	mulierem, muir, mujere, mulier, muir, mujere, mari:tus, marito, mari:t, mērit, ma:trem, madre, mari, patre, pa:dre, pē:r, pari, passerem, passero, serpentem, serpente, sərpen, sarpint, serpens, sərpe, wermem, verme, vjer, vjerme, arborem, arbul, arbore, fru:ktus, frutto, frut, frukt, flo:rem, flo:r, o:rikla, orekkja, orele, ureke, nariťe, na:rīs, soreli, ri:wus, rio, riw, riw, riparia, rivi:x, mare, mar, ma:r, sare, terra, tjerā, terra, tērā, tjere, tsarā, negurā, tene:braj, tēnebre, tene:bras, tēnebre, dzer, bibere, komedere, manduka:re, morde:re, mōrdere, mwardi, morsika:re, morsikare, musəgar, murseka, su:gere, konspuere, sputere, skire, sapere, kogno:skere, konoffere, ko:gita:re, kođitare, pe:nsa:re, timere, temere, tremere, tremare, trima:, dormi:re, dormire, durmi, durmi, dormi, wi:were, vivere, morire, muri:, muri, neka:re, annegare, tu:ta:ri, maktare, okki:dere, pugnare, puñpare, battuere, battere, kaptia:re, katfāre, pulsa:re, pulsare, sekare, segare, kurta:re, ekskurta:re, skortare, skurta:, skurta, ta:lia:re, ta:lā:re, di:widere, dividere, skindere, findere, findere, fēndere, parti:re, partire, pōrti, parti:, se:para:re, separare, separa:, separa, pungere, punđere, jugula:re, jugula:re, ra:dere, raer, radere, rawrā, rada:, rade, rasar, rasare, rāza, rasa:, raskar, raska, fodere, kawa:re, kavare, ekskaware, skavare, nata:re, navigare, navigare, wola:re, mergere, mērdžere, merdže, ambita:re, andare, weni:re, ekstendere, estēndere, jake:re, džere, sedere, sedere, sedenta:re, sta:re, stare, levara, levare, altia:re, altsare, torna:re, tornare, turna, tu:rne, torna:, turna, gyra:re, đirare, đirā:, virare, tork ^w ere, tōrfere, turser, tōrsā, tōartfe, kadere, kawrā, tene:re, eksprimere, spremere, iťprēmex, iťprēmer, esprimi, skreme, serrere, serar, sēra, serare, θerar, serrare, appektora:re, stringere, strindžere, əťtrīzir, əťtrīzir, stringe, strēngi:, strindže, frikare, fregare, froj, frea, freka, frikta:re, frettare, frisar, lawa:re, lavare, tergere, terđere, ekstergere, əstərzi, řterdže, eksu:ka:re, əřfugare, limpida:re, tira:re, tirare, tire, tira:, trahere, trarre, traj, trađe, impingere, impindžere, jakta:re, džettare, lankea:re, lanfāre, e:runka:re, arankar, arrontfāre, liga:re, legare, apta:re, ko:nsuere, kuťfire, komputa:re, kontare, e:numera:re, enumerare, numara, dikere, dire, ekspō:nere, sporre, kanta:re, kantare, lūdere, jōka:re, đokare, flu:ktua:re, fluttuare, fluita:re, fluitare, fluere, fluire, kō:la:re, kolare, ekskurrere, eskurir, skorrere, əskorā, skori:, kurrere, korer, korrere, korā, kori, gela:re, dēlare, glakia:re, gjatfjare, inglakia:re, bruřfare, bruza:, kremare, kremare, krōma, flamma:re, fjammare, arde:re, ardere, flagra:re, flagrare, inkendere, inřendjare, ustula:re, ustolare, ustura, alter, altro, altri, grandem, grande, gran, grant, majjo:rem, largus, largo, lark, larg, krassus, grasso, gras, gras, gurdus, grossus, grosso, grwēs, gros, grawis, grēve, grav, grēvi, lurdus, lordo, kurtus, korto, kurt, brewis, brēve, striktus, stretto, strēt, strimt, mērunť, subťsire, dekstrum, destro, di:re:ktus, dēstra, dirējtē, drōť, drēt, russus, roxo, rosso, ros, rōs, vermikulus, vermi:lō, bōrmēl, rubeus, rubjo, rōbbjo, rubeo, ruđe, rōť, rojb, wiridem, verde, vert, amarellus, krokeus, kroťeo, tre:s, tre, trēs, trō:, tre:, trej, k ^w attwor, kwattro, kwatri, patru
34	x	muxer, muxer, paxaro, pjoxo, ořexa, oxo, puxar, taxar, xirar, enxugar, xita, xugar, roxo, bermexo

Appendix 3 - Segments used in the word list

35	λ	molle, muler, mule, malle, muler, mule, useλ, pioλu, poλ, kabeλ, oreλe, orejλe, ureλe, oλu, λunə, λak, taλλa:re, taλaλ, teλaλ, təλa, λəba, λənsa, λiγa, λoŋ, λark, vermiλλo, vemelū, virmejλu, bərmel, əλa
36	κ	muler, muler, makī, meκ, peκ, seκpā, seκpēfī, sjekpē, veκ, vekmi, avκ, avκori, fκi, floκ, floκ, fløκ, ovej, plu:κ, κy, κiw, κiu, κivjek, rivi:κ, meκ, maκ, meκ, teκ, teκe, teκe, te:κ, tenēbκ, si:κ, bwak, bebeκ, bə:κ, mēzak, moκdκ, moκdeκ, sugaκ, kuspiκ, savwaκ, sabaκ, kənetκ, kopeseκ, kuzitaκ, pēsak, temek, kēdκ, tremek, dəκmiκ, doκmiκ, dwaκmi, vivκ, viveκ, muκiκ, moκek, muκer, mataκ, əksik, batκ, bateκ, kasaκ, puκaκ, segaκ, koκtaκ, ekuκte, taλaκ, dʒiviɖʒiκ, fādκ, fēdeκ, paκtiκ, paκfīiκ, səvke, sepa:raκ, pweɖκ, pūziκ, vaek, veer, va:ze, va:zaκ, vəzaκ, vaκkaκ, veκkaκ, fwiv, kevaκ, ifkevaκ, nadaκ, naviγaκ, voaκ, keκi:paκ, maκse, ēdaκ, vəniκ, viκ, etādκ, istēdeκ, zeziκ, zezeκ, swaκ, seκ, etκ, levaκ, tuκne, toκnaκ, ziκe, viκe, təɖκ, fwaκ, tōbaκ, təniκ, teκ, siguraκ, epēdκ, ifp:meκ, seka, seke, si:kaκ, etvēdκ, fκeje, fκote, tiκe, tveκ, kudκ, enumeke, diκ, di:κ, zogaκ, flutuak, flwiκ, koaκ, ifkoκek, kuκiκ, koκek, kuκer, bκyle, bκu:le, kvaκe, keκmaκe, avκ, avdeκ, flagve, flagvaκ, otκ, gṽā, gṽā, laκz, laκgu, gṽa, gṽo, gṽi:ef, luκ, kuκ, kuκtu, ku:κ, bvef, bvef, etκwa, stvø:, dκwat, κu, voκʊ, voκʊ, vekmej, vekmelu, κuz, veκ, veκ, tκwa, kaκ
37	i:	mui:r, mui:r, mari:tus, mari:t, ri:wus, ri:pa:ria, rivi:κ, ka:li:ginem, si:κ, fī:l, ma:ri, sysi:, ski:re, dormi:re, durmi:, wi:were, muri:, okki:dere, fesi:, teji:, di:widere, parti:re, parti:, neɖʒi:, ma:rfi:, wenie, vi:ni, hɔ:si, strengi:, pu:si:, lanci:, lɔʒi:, di:kere, di:κ, di:, skori:, subti:lem, sutī:l, di:re:ktus, kʷi:inkʷe, ekkumhi:k, ibi:, ki:, si:k
38	ɲ	ɖona, ni:ɲo, alima:na, pe:na, pe:na, a:ɲo, a:ɲ, mənɖa, ma:ri:, kopeseκ, kupiser, koposi, pu:naκ, pu:ɲare, pu:na, pu:ni, keκi:paκ, keκi:paκ, vi:ni, estre:pi:ɲ, əstre:pe:ɲ, əmpe:pe:ɲ, o:ɲi, ma:ɲo, ma:ɲo, peke:pe
39	qa	dɔamɲə, flo:are, qɔadə, sqare, plo:aje, kunqaste, to:qafje, qɔase
40	h	hominem, homo:, pehō, u:he:, kinɔh, hɔ:si:, trahere, ekkumhi:k
41	ēj	omēj, əmēj, nenēj, kalizēj, kēj, nēj
42	ō	ō, nō, kōspye, lō, nō
43	ā	āfā, efā, seκpā, vā, ā, lāg, māze, pāse, fādκ, etādκ, lāse, fāte, fāte, flābe, ēsādje, gṽā, gṽā, āpl, pəzā, kā, kōmā
44	ī	ifēfī, ifēti, liḡwə, əstri:zir, əstri:zir, lipar, isenɖʒar, isēdjar, si:ku
45	ē	ifēfī, ifēti, mēzak, mēzar, ēdaκ, ēdar, lēsa, lēsar, kētar, tētu, tētu, grēɖʒi, grēdi, ēfu, kwēdu
46	fj	ifēfī, sɔfjo, utfjello, utfjel, seκpēfī, fjivja, fjes, nari:fe, fɛafə, fjelo, fjil, fjer, matfa:, utfjidere, ufjide, katfjare, fjesi:, catfa:, paκfīiκ, fjimine, ma:rfi:, dʒafje:re, zəfɛa, to:rfere, to:qafje, fjε:ɹ, fjade, fjira, efjar, lanfjare, lanfja:, arrontfjare, ku:fjire, zi:fe, fāte, gʒatfjare, gla:fa:, bru:fjare, infjendjare, infjindze, mu:fjo, anfjo, pitfjino, pitful, estre:fjo, su:fjiv, se:fj, dere:fjo, rɔfj, krotfjeo, fjinɖkwe, fjinɖ, fjinfj, fjine, fje, fjemu:t
47	i	ifēti, ifpozə, ifpozu, pejfi, avi, sirpēti, vermi, arvuri, pilu, iftrele, flumi, riw, vint, nomi, bi:fer, minka, kupiser, timer, trimer, siγar, siperaκ, naviγaκ, neviγar, iftar, livar, siguraκ, siγurar, si:kaκ, epirtar, strindʒe, iffrigar, iffriγar, impindʒe, kinta, zilar, ingetsa, infjindze, grēdi, gravi, pizaɖu, pikenu, brevi, ingust, iftrejtu, strimt, virmejλu, verdi, ki, kind
48	p	sponsa, epuz, esposa, spɔza, ispoza, ifpozə, əspɔzə, sponsus, epu, esposo, spɔzo, ispozu, ifpozu, əspɔs, spɔ:s, patre, peκ, paðre, pa:ðre, paj, pa:ə, pe:r, pari, piskem, peθ, peffe, pejfi, pejfi, pef, pes, pefte, pwasō, pehō, passerem, paxaro, passero, paseru, pasəre, peduklus, pu, pjoxo, pidəkkjo, pioλu, poλ, pju, pedoli, pədukje, serpentem, seκpā, serpjente, serpente, seκpēfī, sirpēti, səppen, sjekpē, sarpint, farpe, serpens, sjerpe, serpe, serp, farpe, pa:lus, pal, palo, paw, pa:l, pa:ɹ, plu:ma, plym, pluma, pjuma, plomə, pləm, plumə, penna, pen, pe:na, pene, pe:na, pen, pene, panə, pilus, pwal, pelo, pelu, pilu, pel, pe:l, pə:ɹ, kapillus, kapello, kapitia, kap, apə, pluwia, plqi, pjodɖa, plu:zə, plu:κ, ploje, ploaje, ri:pa:ria, konspuere, kōspye, kuspiκ, ku:fpi:ɹ, eskupi:ɹ, əskupi, sku:pa, sputere, esputar, sputare, spuda:, sapere, pe:nsa:re, pāse, pensar, pensare, pēsak, pēsar, pənsa, pēse, pe:nsa:, pəsa, pugna:re, pu:naκ, pu:ɲare, pu:na, kapti:are, pulsa:re, puse, puxar, pulsa:re, pu:faκ, pu:far, pulsa:, pulsa, parti:re, paκtiκ, parti:ɹ, partire, paκfīiκ, pərti:ɹ, pərti, pɔ:kti, parti:, se:pa:ra:re, sepa:raκ, separare, sepa:raκ, siperaκ, səpe:ra, sepa:ra:, sepa:ra, pungere, pweɖκ, punde:re, pūziκ, pūzi:ɹ, pu:ni, punde, eksprimere, epēdκ, ekspremir, spre:mere, ifp:ramer, ifp:ramer, əspre:mə, esprimi, appekto:are, apretar, epirtar, limpida:re, limpjar, lipar, puse, pu:si:, pulsa:, impingere, impindʒere, əmpe:pe:ɲ, impindʒe, apta:re, komputa:re, ekspo:nere, sporre, spune, pa:ukus, pə, poko, pəko, powku, pəκ, pō, pə:k, amplus, āpl, ampjo, amplə, spissus, epe, espeso, spesso, espesu, ifpesu, əspes, spe, pe:sant, pəzā, pesaɖo, pesante, pezadu, pizaɖu, pəzat, pe:zant, pittitus, pəti, pətit, piti, pittinus, peke:pe, pitfjino, pekenu, pikenu, putsin, pitulus, pikkolo, pitful, suptil, drept, patru

Appendix 3 - Segments used in the word list

49	z	epuz, spɔza, ispoza, iʃpoʒə, əspɔzə, spɔzo, ispozu, iʃpozu, wazo, ʋaze, ʋazaʋ, ʋezar, rəza, zʒavaː, zvolare, zvolaː, zburə, zeziv, zʒezɐ, ʒezər, zəʃʒa, traze, trəzər, kuzer, kuzi, kɔːz, kuzi, dizer, zifʒe, bruzaː, pəʒɔ, pezadu, pizaðu, pəzət, pezant
50	ð	mariðu, məriðu, maðre, paðre, morðer, murðer, diviðir, neðar, toðu, pesaðo, pizaðu, miuðu, delyaðo, deʎyaðu
51	k	sokius, piskem, awikellum, peduklus, pidɔkkjo, pɔdukje, fru:ktus, frukt, kaɥda, kə, kola, koda, kawdɐ, kua, kɔw, kɔdɛ, kapillus, kabejo, kapello, kabelu, kəβelu, kəβɛʎ, kapitia, kaβeθa, kavettsa, kabesɐ, kəβesɐ, kap, ɔːrikla, orekkja, ureke, okulus, ɔkkjo, bukka, boka, bokka, bokɐ, bokə, bɔk, bukə, solikululus, akkwa, lakum, lak, ʎak, kaːliːginem, kalina, kalidʒine, kalizɛj, kəlizɛj, kajkia, kajlum, fokum, fwɔko, fɔk, fuːk, fok, komedere, komer, kome, kumer, mandukare, mandukar, minka, morsikare, moskar, morsikare, murseka, konspuere, kɔspye, kuspiɐ, kuspir, eskupir, əskupi, skuɟpa, skiːre, kognoːskere, kɔnɛtɐ, konɔθer, konɔʃfere, kopeseɐ, kupiser, kunɛʃə, kinɔh, koposi, kunɔʃte, kɔːgitaːre, kuɟide, kwidar, koɟitare, kuzitaɐ, kuzitar, kujda, kuɟeta, kɔβɛdɐ, nekaːre, neka, maktaːre, okkiːdere, ɔksiɐ, uksi, kaptiaːre, kaθar, katʃare, kasav, kəsar, kəsə, sekaːre, kurtaːre, kortar, kɔtɐ, kurtar, ekskurtaːre, ekuste, skortare, skurtaː, skurta, skindere, raskar, ʋafkaɐ, ʋɛfkar, rəska, kosaɫ, kusar, kaware, kabar, kavare, kəvav, kəvar, kəba, ekskaware, eskabar, skavare, iʃkəvav, iʃkəvar, kaminar, kamminare, kəmiɲav, kəmiɲar, kəmina, ekstendere, ekstender, ekstinde, jakeːre, kadere, kaer, kadere, kəir, kawrə, kədə, eksprimere, ekspremiː, skreme, appektoraːre, frikaːre, freka, friktaːre, ekstergere, eksuːkaːre, uska, jaktare, lankeare, ɛːrunkaːre, arankar, aruɲka, kɔːnsuere, kudɐ, koser, kufire, kuzer, kuzi, kɔːz, kuzi, komputaːre, kɔte, kontar, kontare, kɔtar, kumta, kontaː, diːkere, ekspɔːnere, kantaːre, kantar, kantare, kətar, kənta, kinta, jokaːre, ɟokare, zuka, fluːktuaːre, flyktɥe, fluktua, koːlaːre, kule, kolar, kolare, koav, kuar, kuʎa, kɔle, ekskurrere, eskurir, skorrere, iʃkɔvɐ, iʃkurer, əskorə, skoriː, skurɟe, kurrere, kuɐiv, korer, korriere, kɔvɐ, kuɐer, korə, kori, kurɟe, glakiaːre, inglakiaːre, kremare, kɔame, kemar, kremare, kəjmare, kəjmaɐ, krəma, inkendere, okɔ, alkuno, paɥkus, poko, pɔko, powku, pɔk, pɔːk, lunk, ʎark, lark, krassus, pekeɲo, pekenu, pikenu, pikkolo, kurtus, kuɐ, korto, korto, kurtu, kurtu, kurt, kuːɐ, kurt, striktus, deːlikaːtus, delikato, dəlikat, sikkus, sɛk, seko, sekko, seku, sɛk, sek, dekstrum, diːreːktus, vermikululus, krokeus, kroʃeo, grɔk, katɐ, kwatro, kwattro, kwatru, kwatrə, kwat, kwatri, sɛk, θinko, ʃiɲkwe, siku, siɲk, ʃiɲk, ekkumhiːk, aki, kwi, ɛki, illaːk, ki, kiː, kwi, kjen, kɛj, kɛj, kwa, ke, ki, kɛ, kwɛː, kɔ, kwando, kwəðu, kwan, kwand, kwant, kind, kɔmɔ, komo, kome, komu, kɔm, kɔmɛ, kum, nek, siːk
52	ts	sots, tsəstə, tsarə, altsare, tsine, inɟetsa, putsin, subtsire
53	aː	maːtrem, maːdre, paːdre, nemaːl, paːlus, paːl, caːf, naːsus, naːso, naːs, naːris, aːla, riːpaːria, laːt, maːr, saːlem, saːl, kaːliːginem, teneːbras, fuːmaːta, fuːmaːta, mandukare, maɲʒaː, morsikare, cucaː, spudaː, koːgitaːre, pɛnsaːre, pɛnsaː, trimaː, nekaːre, tuːtaːri, maktaːre, maʃaː, pugnare, kaptiare, caʃaː, pulsaːre, pulsaː, sekaːre, seaː, kurtaːre, ekskurtaːre, skurtaː, taːliaːre, taːʎaːre, tajaː, seːparaːre, separaː, jugulaːre, jugulaːre, raːdere, radaː, rasaː, kaware, ʒavaː, ekskaware, zʒavaː, nataːre, nadaː, navigare, navigaː, wolaːre, zvolaː, caminaː, maːrʃiː, ambitaːre, sedentaːre, sentaː, stare, staː, levaːre, levaː, altiare, altʃaː, tornaːre, tornaː, gyaːre, ɟiraː, appektoraːre, frikaːre, friktaːre, lawaːre, lavaː, eksuːkaːre, sujaː, limpidaːre, tiraːre, tiraː, pulsaː, jaktare, lankeare, lanʃaː, ɛːrunkaːre, ligaːre, leaː, aptaːre, komputaːre, kontaː, ɛːnumeraːre, kantaːre, cantaː, jokaːre, ɟujaː, fluːktuaːre, fluitaːre, koːlaːre, gelaːre, glakiaːre, glaʃaː, inglakiaːre, bruzaː, kremare, flammaːre, flagrare, ustulaːre, laːtus, deːlikaːtus, illaːk
54	ɛj	mɛj, kəlizɛj, kɛj, nɛj
55	r	mɛr, vjɛr, fry, ɔraj, savɔːr, mɔri, pɔːrti, maːrʃiː, ʃɛːr, sɛrar, sɛre, iʃkurer
56	aj	paj, ɔraj, ajyɔwə, teneːbraj, kajkia, kajlum, nwaje, traj, majjoːrem, duaj
57	ɛː	pɛːr, uːhɛː, ɛːw, tɛːɐ, tɛːnebre, tɛːnebre, ʃɛːr, kwɛː
58	θ	peθ, kaβeθa, nariθ, θjelo, konɔθer, kaθar, jaθer, alθar, torθer, θerar, lanθar, deθir, enθender, θinko
59	ej	pejʃi, cavej, oɐej, zejtar, kejmave, istrejtu, trej
60	ɛj	pejʃi, orejʎe, kejmare, iʃtrejtu, direjɥe, direjɥe, virmɛjʎu
61	ō	pwasō, pehō, nō, tōbe, tōbav, tōbar, kōte, kōtar, pō, ōt, lōgu, lō, ō
62	ē	seɐpɛʃi, siɐpɛti, sjeɐpɛ, vɛtu, vɛ, pɛsav, pɛsar, kɔβɛdɐ, fɛdɐv, fɛder, istɛdɐv, iʃtɛder, sɛtar, ɛʃugar, ɛʃuɐar, iʃɛdʒar, sɛk, nɛ
63	β	arβol, kəβelu, kaβeθa, kəβesɐ, biβer, səβɛ, laβar
64	ʎ	sɛʎvɐ, sɔʎ, zɛʎ, aʎsa, aʎsar, kuʎa, ʎama, aʎgū, aʎ, deʎyaðu
65	ɥ	fɔɥi, plɥi, kuɟide, tɥe, esɥije, flyktɥe
66	ɔː	flɔːv, gɔːj, stɔːl, fɔː, bɔːv, savɔːr, kɔːz, stɔːt, drɔːt, dɔː, trɔː

Appendix 3 - Segments used in the word list

67	au	kauda, paukus
68	ø	kø, fəvø, løn, fø, pø, dø
69	c	cɔadə, cavej, ca:f, bɔce, cuca:, caʃa:, camina:, lanci:, cɔase, canta:, fluctua, molc, tanc
70	ɛa	tɛastə, stɛa, ʃɛaʃə, bɛa, zəʃɛa, fɛdɛa, kədɛa
71	kʲ	okʲ
72	g	gula, gola, golə, gɔle, gurə, age, lago, lɛngɛ, pugna:re, segar, segare, jugula:re, naviga:re, naviga:, mergere, gyra:re, stringere, stringe, strɛngi:, fregare, impingere, lega, xugar, glaʃa:, inɟɛsa, flagɤa, alguno, magnus, grandem, gran, gɤā, grant, longo, lung, largus, larg, gras, gurdus, grossus, grosso, grosu, grwɛs, gros, grav, grɛvi, grew, ɪngust, grɔk
73	ɛj	sɔɛj, fɛɛje, vɛɛmɛj
74	kʷ	akʷa, torkʷere, kʷattwor, kʷi:nkʷe, kʷis, kʷem, kʷid, kʷando:, kʷo:modo
75	ʏ	aʏwa, aʏwə, laʏu, foʏu, musəʏa, siʏar, səʏa, naviʏa, neviʏar, siʏurar, iʃfriʏar, ɛʃuʏar, ʌiʏa, zuʏar, larʏo, delyaɖo, dɛʃaɖu
76	ŋ	aŋ, nɔŋ, lɛŋgwa, maŋja:, peŋsa:, aruŋka, ʌoŋ, ɪngust, uŋ, ʃiŋkwe, siŋk, ʃiŋk
77	gʷ	lingʷa
78	ɛ̃u	lɛ̃u
79	a	bwaɤ, taje, ɤaze, gɤa, tɤwa
80	ʃ	maŋja:, ʃava:, zʃava:
81	ɛ̃	pɛ̃se, sɛ̃de, fɛ̃t, pwɛ̃dɤ, epɛ̃dɤ, etɛ̃dɤ, ɛ̃sɛ̃dɛ, kɔmɛ̃
82	ɔ:	pɔ:rti, hɔ:si:
83	ũ	pũziɤ, pũziɤ, mũjtu, awgũ, aʎgũ, ũ
84	ɭ	kosaɭ
85	ç	çavle
86	ɑ:	çavle
87	j	mũjtu
88	œ̃	okœ̃, œ̃
89	ʊ	ɤofʊ
90	ẽw̃	nẽw̃

Appendix 4 - Word Lists by Language

Latin

Cognate	IPA	Sounds
I	-ego:	ay-g-O
We	no:-s	n-O-s
YouPlural	wo:-s	w-O-s
YouSingular	tu:	t-U
Woman	fe:-mi-n-a	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	homi-nem	h-oh-m-e-n-ay-m
ManHumanBeing-Homo	h-omo:	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	-awi-k-ellum	ah-w-e-k-ay-l-l-u-m
Bird-Passerem	passerem	p-ah-s-s-ay-r-ay-m
Louse	p-edu-klus	p-ay-d-u-k-l-u-s
Snake	s-erp-entem	s-ay-r-p-ay-n-t-ay-m
Snake-Serpens	s-erpens	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
Flower	flo:rem	f-l-O-r-ay-m
Tail	kaṽda	k-au_diphthong-d-ah
Feather	plu:ma	p-l-U-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	p-ilus	p-e-l-u-s
Hair-Capillus	kapillus	k-ah-p-e-l-l-u-s
Head	kapi-tia	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	-o-kulus	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
Wing	a:la	A-l-ah
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	-st-e:lla	s-t-ai-l-l-ah
Water	a-k ^w -a	ah-kw-ah
Rain	plu-wia	p-l-u-w-e-ah
River	flu:men	f-l-U-m-ay-n

Appendix 4 - Word Lists by Language

River-Rivus	ri:wus	r-E-w-u-s
River-Riparia	ri:p:a: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
Earth	t-erra	t-ay-r-r-ah
Fog	ka:li:ginem	k-A-l-E-g-e-n-ay-m
Fog-Nebula	n-e-bula	n-ay-b-u-l-ah
Fog-Tenebrae	tene:braj	t-ay-n-ai-b-r-aj_diphthong
Fog-Tenebras	t-en-e: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	'k-ajlum	k-aj_diphthong-l-u-m
Wind	w-entum	w-ay-n-t-u-m
Ice	'gelu:	g-ay-l-U
Smoke	fu:mus	f-U-m-u-s
Fire-Focus	f-okum	f-oh-k-u-m
Year	annum	ah-n-n-u-m
Name-Nomen	no:men	n-O-m-ay-n
Name-Nominem	no:min-em	n-O-m-e-n-ay-m
Tongue	lingw-a	l-e-n-gw-ah
ToDrink	'bib-ere	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	m-orde: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
ToKnow	ski:re	s-k-E-r-ay
ToKnow-Sapere	sap-ere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	kogno:skere	k-oh-g-n-O-s-k-ay-r-ay
ToThink	k-o:gita:re	k-O-g-e-t-A-r-ay
ToThink-Pensare	pe:nsa:re	p-ai-n-s-A-r-ay
ToFear	time:re	t-e-m-ai-r-ay
ToFear-Tremere	trem-ere	t-r-ay-m-ay-r-ay
ToSleep	d-ormi:re	d-oh-r-m-E-r-ay
ToLive	wi:were	w-E-w-ay-r-ay
ToKill	n-eka:re	n-ay-k-A-r-ay
ToKill-Tutari	tu:-ta:ri	t-U-t-A-r-e
ToKill-Mactare	makta:re	m-ah-k-t-A-r-ay
ToKill-Occidere	okki:dere	oh-k-k-E-d-ay-r-ay
ToFight	pugna:re	p-u-j-n-A-r-ay
ToFight-Battuere	battuere	b-ah-t-t-u-ay-r-ay
ToHunt-Captiare	kaptia:re	k-ah-p-t-e-A-r-ay
ToHit	pulsa:re	p-u-l-s-A-r-ay
ToCut	s-eka: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	p-ungere	p-u-n-g-ay-r-ay
ToStab-Iugulare	jugula:re	jg-u-g-u-l-A-r-ay

Appendix 4 - Word Lists by Language

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	n-ata: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-lacere	ja-ke:re	jg-ah-k-ai-r-ay
ToSit	s-e-de: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-ech-r-A-r-ay
ToTurnIntransitive-Torquere	tork ^w e:re	t-oh-r-kw-ai-r-ay
ToFall	k-adere	k-ah-d-ay-r-ay
ToHold	ten-e:re	t-ay-n-ai-r-ay
ToSqueeze	eksprim-ere	ay-k-s-p-r-e-m-ay-r-ay
ToSqueeze-Serrere	serrere	s-ay-r-r-ay-r-ay
ToSqueeze-Serare	se-rare	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	eks-u:k-a: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-Trahare	trahere	t-r-ah-h-ay-r-ay
ToPush	impingere	e-m-p-e-n-j-ay-r-ay
ToThrow	jakta:re	jg-ah-k-t-A-r-ay
ToThrow-Lanceare	lankea:re	l-ah-n-k-ay-A-r-ay
ToThrow-Eruncare	e:-runka:re	ai-r-u-n-k-A-r-ay
ToTie	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay
ToSew	ko:n-suere	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	eksponere	ay-k-s-p-O-n-ay-r-ay
ToSing-AncestralClass	kanta:re	k-ah-n-t-A-r-ay
ToPlay-Ludere	lu:dere	l-U-d-ay-r-ay
ToPlay-Jiocare	jo-ka:re	jg-oh-k-A-r-ay
ToFloat	flu:ktua:re	f-l-U-k-t-u-A-r-ay
ToFloat-Fluitare	fluita:re	f-l-u-e-t-A-r-ay
ToFlow	fluere	f-l-u-ay-r-ay
ToFlow-Colare	ko:la:re	k-O-l-A-r-ay
ToFlow-Excurrere	ekskurrere	ay-k-s-k-u-r-r-ay-r-ay
ToFlow-Currere	kurrere	k-u-r-r-ay-r-ay

Appendix 4 - Word Lists by Language

ToFreeze	gela:re	g-ay-l-A-r-ay
ToFreeze-Glaciare	gla-kia:re	g-l-ah-k-e-A-r-ay
ToFreeze-Inglaciare	inglakia:re	e-n-g-l-ah-k-e-A-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	inkend-ere	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	'lo-ngus	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	gro-ssus	j-r-oh-s-s-u-s
Heavy	gra--wis	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	pi-tulus	p-e-t-u-l-u-s
Short	kurtus	k-u-r-t-u-s
Short-Brevis	brewis	b-r-ay-w-e-s
Narrow	angustus	ah-n-g-u-s-t-u-s
Narrow-Strictus	-str-i-ktus	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
Dry	sikkus	s-e-k-k-u-s
Right-Dextrem	d-ekstrum	d-ay-k-s-t-r-u-m
Right-Directus	di:r-e:ktus	d-E-r-ai-k-t-u-s
Red	russus	r-u-s-s-u-s
Red-Vermiculus	vermikulus	v-ay-r-m-e-k-u-l-u-s
Red-Rubeus	ru-beus	r-u-b-ay-u-s
Green	'wiridem	w-e-r-e-d-ay-m
Yellow	galbinus	g-ah-l-b-e-n-u-s
Yellow-Amarellus	amarellus	ah-m-ah-r-ay-l-l-u-s
Yellow-Croceus	krokeus	k-r-oh-k-ay-u-s
White	albus	ah-l-b-u-s
One	'u:num	U-n-u-m
Two-Duos	duo:s	d-u-O-s
Two-Duae	du-aj	d-u-aj_diphthong
Two-Duas	duas	d-u-ah-s
Three	tr-e:s	t-r-ai-s
Four	k ^w -attwor-	kw-ah-t-t-w-oh-r

Appendix 4 - Word Lists by Language

Five	'kʷi:nkʷ-e	kw-E-n-kw-ay
Here	-ekkumhi:k	ay-k-k-u-m-h-E-k
There	illa:k	e-l-l-A-k
There-Ibi	ibi:	e-b-E
Who-Qui	kʷ-is	kw-e-s
Who-Quem	kʷ-em-	kw-ay-m
What	'kʷ-id	kw-e-d
When-Quando	kʷ-ando:	kw-ah-n-d-O
How-Quomodo	'kʷo:modo	kw-O-m-oh-d-oh
Not	no:n	n-O-n
Not-Nec	nek	n-ay-k
And-Et	et	ay-t
And-Si	si:k	s-E-k

French

Cognate	IPA	Sounds
I	ʒə--	gzah-aah
We	nu--	n-u
YouPlural	vu--	v-u
YouSingular	ty	t-eeh
Woman	fa-m-----	f-ah-m
Woman-Domina	dam---	d-ah-m
ManHumanBeing	-əm-----	euh-m
ManHumanBeing-Homo	--ɔ̃--	oon
Child	ã-fã----	NasalA-f-NasalA
Wife	e-pu-z-	ay-p-u-zz
Husband	maʁi---	m-ah-rr-e
Husband-Sponsus	e-pu----	ay-p-u
Mother	me-ʁ--	m-ay-rr
Father	pe-ʁ-	p-ay-rr
Animal	o--ma-j-	oh-m-ah-jg
Fish-Pescion	pwasɔ̃	p-w-ah-s-on
Bird-Avicellum	wa---z-o----	w-ah-zz-oh
Louse	p-u-----	p-u
Snake	s-ɛʁp-ã----	s-ay-rr-p-NasalA
Worm	veʁ---	v-ay-rr
Tree	aʁb-ʁ--	ah-rr-b-rr
Stick	pal--	p-ah-l
Fruit	fʁɥi----	f-rr-eu-e
Flower	flœʁ--	f-l-OpenMidNearFrontRounded-rr
Tail	kø--	k-uu
Feather	plym-	p-l-eeh-m
Feather-Penna	pɛ-n-	p-eh-n
Hair	pwal--	p-w-ah-l
Hair-Capillus	ʃəvø----	shh-aah-v-uu
Head	ʃəvɛ----	shh-aah-v-eh
Head-Testa	tɛ-t-	t-eh-t
Ear	oʁɛj----	oh-rr-ej_diphthong
Eye	-œ-j----	OpenMidNearFrontRounded-jg
Nose	ne---	n-ay
Mouth	bu-ʃ-	b-u-shh
Mouth-Gula	gœl-	g-OpenMidNearFrontRounded-l
Wing	el-	ay-l
Sun-Solculus	sœlj----	s-euh-l-eh_diphthong
Moon	lyn-	l-eeh-n

Appendix 4 - Word Lists by Language

Star	e-twa-l-	ay-t-w-ah-l
Water	o----	oh
Rain	plɥ--i-	p-l-eu-e
River-Rivus	ɣy---	rr-eeh
River-Riparia	ɣivjeɣ--	rr-e-v-jg-ay-rr
Lake	lak--	l-ah-k
Sea	mɛɣ-	m-eh-rr
Salt	sɛl--	s-eh-l
Earth	t-e-ɣ-	t-ay-rr
Fog-Nebula	njo---ly	n-jg-euh-l-eeh
Fog-Tenebras	t-en-ɛbɣ-	t-ay-n-eh-b-rr
Fog-Fumata	fyme--	f-eeh-m-ay
Sky	sjɛl--	s-jg-eh-l
Wind	v-ã----	v-NasalA
Ice	ʒɛl-	gzah-eh-l
Fire-Focus	f-ø---	f-uu
Year	ã----	NasalA
Name-Nomen	nõ---	n-oon
Tongue	lã-g--	l-NasalA-g
ToDrink	b--waɣ-	b-w-a-rr
ToEat-Manducare	mã-ʒ--e--	m-NasalA-gzah-ay
ToBite	m-okd-ɣ-	m-oh-rr-d-rr
ToSuck	syse--	s-eeh-s-ay
ToSpit	kõ-spye-	k-oon-s-p-eeh-ay
ToKnow-Sapere	savwaɣ-	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kõ-nɛ-tɣ-	k-euh-n-eh-t-rr
ToThink	kɥ--ide--	k-eu-e-d-ay
ToThink-Pensare	pã-se--	p-NasalA-s-ay
ToFear-Tremere	kɛẽ-d-ɣ-	k-rr-ehn-d-rr
ToSleep	d-ɔɣmiɣ-	d-euh-rr-m-e-rr
ToLive	viv-ɣ-	v-e-v-rr
ToDie	mukɣɣ-	m-u-rr-e-rr
ToKill	nwaje--	n-w-aj_diphthong-ay
ToKill-Tutari	t-ɥ-e--	t-eu-ay
ToKill-Mactare	ma-te--	m-ah-t-ay
ToKill-Occidere	ɔksi--ɣ-	euh-k-s-e-rr
ToFight-Battuere	bat--ɣ-	b-ah-t-rr
ToHunt-Captiare	ʃa-s-e--	shh-ah-s-ay
ToHit	pu-se	p-u-s-ay
ToCut	sje----	s-jg-ay
ToCut-Excurtare	e--kuɣte--	ay-k-u-rr-t-ay
ToCut-Taliare	taj--e--	t-a-jg-ay
ToSplit-Scindere	s-ɛ-de--	s-ehnn-d-ay
ToSplit-Findere	fã-d-ɣ-	f-NasalA-d-rr
ToSplit-Partire	paktiɣ-	p-ah-rr-t-e-rr
ToSplit-Separare	sə-v---ɣɛ	s-aah-v-rr-ay
ToStab	pwẽ-d-ɣ-	p-w-ehnn-d-rr
ToStab-Iugulare	ʒygyle--	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	ɣaze--	rr-a-zz-ay
ToDig	fwik	f-w-e-rr
ToSwim-Navigare	na--ʒe--	n-ah-gzah-ay
ToFly	vole--	v-oh-l-ay
ToWalk	ʃəmine--	shh-aah-m-e-n-ay
ToWalk-Marcher	maɣʃe	m-ah-rr-shh-ay
ToCome	vəniɣ-	v-aah-n-e-rr
ToLieAsInABed	e-tã-d-ɣ-	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	ʒɛ-zik-	gzah-ay-zz-e-rr

Appendix 4 - Word Lists by Language

ToSit	swa--k-	s-w-ah-rr
ToStand	ε-t-k-	eh-t-rr
ToStand-Levare	lave--	l-aah-v-ay
ToStand-Altiare	-o-s-e--	oh-s-ay
ToTurnIntransitive	tuɤne--	t-u-rr-n-ay
ToTurnIntransitive-Gyrate	ziɤe--	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	viɤe--	v-e-rr-ay
ToTurnIntransitive-Torquere	tɔɤd-k-	t-euh-rr-d-rr
ToFall	ʃwa--k-	shh-w-ah-rr
ToFall-Tumbare	tō-be-	t-on-b-ay
ToHold	tən-ik-	t-aah-n-e-rr
ToSqueeze	e--pɤẽ-d-k-	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	se-kɛ--	s-ay-rr-ay
ToSqueeze-Stringere	e-tɤẽ-d-k-	ay-t-rr-ehnn-d-rr
ToRub	fɤɛje--	f-rr-eh_diphthong-ay
ToRub-Frictare	fɤote--	f-rr-oh-t-ay
ToWash	lave--	l-ah-v-ay
ToWipe-Exsucare	e-sɥi-je--	ay-s-eu-e-jg-ay
ToPull	tiɤe--	t-e-rr-ay
ToPull-Pulsare	pu-se--	p-u-s-ay
ToPull-Trahere	tɤ--εk-	t-rr-eh-rr
ToThrow	zɔ-te	gzah-aah-t-ay
ToThrow-Lanceare	lɑ-s-e-	l-NasalA-s-ay
ToTie	li-e--	l-e-ay
ToSew	ku-d---k-	k-u-d-rr
ToCount	kō---te--	k-on-t-ay
ToCount-Enumerare	enumekɛ--	ay-n-u-m-ay-rr-ay
ToSay	di--k-	d-e-rr
ToSing-AncestralClass	ʃɑ-te--	shh-NasalA-t-ay
ToPlay-Jiocare	z-w-e--	gzah-w-ay
ToFloat	flyktɥe--	f-l-eeh-k-t-eu-ay
ToFlow	flye--	f-l-eeh-ay
ToFlow-Colare	kule--	k-u-l-ay
ToFlow-Currere	ku-kɤk-	k-u-rr-e-rr
ToFreeze	zɔle--	gzah-aah-l-ay
ToFreeze-Glaciare	gla-s-e--	g-l-ah-s-ay
ToBurn-Brojan	bɤyle--	b-rr-eeh-l-ay
ToBurn-Cremare	kɤame--	k-rr-ah-m-ay
ToBurn-Flammare	flɑ-be--	f-l-NasalA-b-ay
ToBurn-Ardere	aɤd-k-	ah-rr-d-rr
ToBurn-Flagrare	flagɤe--	f-l-ah-g-rr-ay
ToBurn-Incendere	ẽ-sɑ-dje--	ehnn-s-NasalA-d-jg-ay
All-Totus	tu----	t-u
Many	mu---	m-u
Some	o-kæ-	oh-k-uuh
Few	pø---	p-uu
Other	o-t-k-	oh-t-rr
Big-Grandem	gɤɑ---	g-rr-NasalA
Long-Longum	lō-----	l-oon
Long-Largum	laɤz--	l-ah-rr-gzah
Wide	le---	l-ay
Wide-Amplum	ɑ-pl--	NasalA-p-l
Thick	gɤɑ----	g-rr-a
Thick-Spissum	e-pe----	ay-p-ay
Thick-Grossum	gɤo-----	g-rr-oh
Heavy	gɤijɛf--	g-rr-e-jg-eh-f
Heavy-Lurdus	luɤ---	l-u-rr

Appendix 4 - Word Lists by Language

Heavy-Pesant	pəzā---	p-aah-zz-NasalA
Small	pə-ti---	p-aah-t-e
Short	kug---	k-u-rr
Short-Brevis	bæf--	b-rr-eh-f
Narrow-Strictus	e-tkwa-----	ay-t-rr-w-ah
Thin	məny----	m-aah-n-eeh
Thin-Delicatus	du:--ʒe:---	d-U-gzah-ai
Dry	sɛ-k--	s-eh-k
Right-Directus	d-kwa-t--	d-rr-w-ah-t
Red	ku----	rr-u
Red-Vermiculus	vɛkmej----	v-eh-rr-m-eh_diphthong
Red-Rubeus	ku-ʒ---	rr-u-gzah
Green	vɛk----	v-ay-rr
Yellow	ʒo---n--	gzah-oh-n
One	œ---	uuh
Two-Duos	d-ø-	d-uu
Three	tkwa-	t-rr-w-a
Four	k-a-t--k-	k-ah-t-rr
Five	sɛ-k--	s-ehn-k
Here	i--s---i-	e-s-e
There	--la-	l-ah
Who-Qui	k-i-	k-e
What	kwa-	k-w-ah
When-Quando	k-ā---	k-NasalA
How-Quomodo	kōmā--	k-euh-m-NasalA
Not	nō-	n-oon
Not-Nec	ni-	n-e
And-Et	e-	ay

Spanish

Cognate	IPA	Sounds
I	j--o	VdPalatalFricative-oh
We	no-s	n-oh-s
YouPlural	bo-s	b-oh-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	-usted	u-s-t-ay-d
Woman	-e-m-br-a	ay-m-b-er-ah
Woman-Mulier	mux-er--	m-u-xha-ay-er
Woman-Domina	do--ja	d-oh-VdPalatalNasal-ah
ManHumanBeing	om-bre-	oh-m-b-er-ay
Child	infante-	e-n-f-ah-n-t-ay
Child-Ninnus	nijo	n-e-VdPalatalNasal-oh
Wife	espo-sa	ay-s-p-oh-s-ah
Wife-Mulier	mux-er-	m-u-xha-ay-er
Husband	mariðo-	m-ah-er-e-dd-oh
Husband-Sponsus	espo-so-	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	aliman-a	ah-l-e-m-ah-VdPalatalNasal-ah
Fish-Piskem	peθ---	p-ay-th
Bird-Avem	abe-	ah-b-ay
Bird-Passerem	pa-xaro-	p-ah-xha-ah-er-oh
Louse	pjo--x-o-	p-jg-oh-xha-oh
Snake	s-erpjente-	s-ay-er-p-jg-ay-n-t-ay

Appendix 4 - Word Lists by Language

Snake-Serpens	sjerpe--	s-jg-ay-er-p-ay
Worm	berme-	b-ay-er-m-ay
Tree	arþol--	ah-er-bb-oh-l
Forest	selba	s-ay-l-b-ah
Stick	palo-	p-ah-l-oh
Fruit	fru--to-	f-er-u-t-oh
Flower	floc--	f-l-oh-er
Tail	kola	k-oh-l-ah
Feather	pluma	p-l-u-m-ah
Feather-Penna	pe-þa	p-ay-VdPalatalNasal-ah
Hair	p-elo-	p-ay-l-oh
Hair-Capillus	kabe-jo-	k-ah-b-ay-VdPalatalFricative-oh
Head	kaþe-θ-a	k-ah-bb-ay-th-ah
Ear	ore-x-a	oh-er-ay-xha-ah
Eye	-o-x-o--	oh-xha-oh
Nose	naso-	n-ah-s-oh
Nose-Nares	nariθ-	n-ah-er-e-th
Mouth	bo-ka	b-oh-k-ah
Mouth-Gula	gola	j-oh-l-ah
Wing	ala	ah-l-ah
Sun	sol--	s-oh-l
Moon	luna	l-u-n-ah
Star	estre-ja	ay-s-t-er-ay-VdPalatalFricative-ah
Water	'a-ywa	ah-juh-w-ah
Rain	j-u-bja	VdPalatalFricative-u-b-jg-ah
River-Rivus	ri-o-	r-e-oh
Lake	lago-	l-ah-j-oh
Sea	mar-	m-ah-er
Salt	sal--	s-ah-l
Earth	'tje-ra	t-jg-ay-r-ah
Fog	kali--na-	k-ah-l-e-n-ah
Fog-Nebula	nje-b-la	n-jg-ay-b-l-ah
Fog-Tenebras	t-injeblas	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
Ice	jelo	VdPalatalFricative-ay-l-oh
Smoke	-umo-	u-m-oh
Fire-Focus	fwego-	f-w-ay-g-oh
Year	a-þo-	ah-VdPalatalNasal-oh
Name-Nominem	nom-bre-	n-oh-m-b-er-ay
Tongue	'leggwa	l-ay-nya-g-w-ah
ToDrink	beb-er-	b-ay-b-ay-er
ToEat	kome--r-	k-oh-m-ay-er
ToEat-Manducare	mandukar-	m-ah-n-d-u-k-ah-er
ToBite	m-orðer-	m-oh-er-dd-ay-er
ToBite-Morsicare	mo-s-kar-	m-oh-s-k-ah-er
ToSpit-Exconspuere	esku-pir	ay-s-k-u-p-e-er
ToSpit-Sputare	esputar	ay-s-p-u-t-ah-er
ToKnow-Sapere	sab-er-	s-ah-b-ay-er
ToKnow-Cognoscere	ko-noθer-	k-oh-n-oh-th-ay-er
ToThink	kw--idar-	k-w-e-d-ah-er
ToThink-Pensare	pensar-	p-ay-n-s-ah-er
ToFear	temer-	t-ay-m-ay-er
ToFear-Tremere	trem-er-	t-er-ay-m-ay-er
ToSleep	d-ormir-	d-oh-er-m-e-er
ToLive	bibir-	b-e-b-e-er

Appendix 4 - Word Lists by Language

ToDie	morir-	m-oh-er-e-er
ToKill-Adnecare	a-negar-	ah-n-ay-g-ah-er
ToKill-Mactare	ma-tar-	m-ah-t-ah-er
ToFight	pu-ŋar-	p-u-VdPalatalNasal-ah-er
ToFight-Battuere	ba-t-ir-	b-ah-t-e-er
ToHunt-Captiare	ka-θ-ar-	k-ah-th-ah-er
ToHit	pu-xar-	p-u-xha-ah-er
ToCut	s-egar-	s-ay-j-ah-er
ToCut-Curtare	kortar-	k-oh-er-t-ah-er
ToCut-Taliare	ta-x-ar-	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	ra-er-	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	n-adar-	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	and--ar-	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	ja-θer-	VdPalatalFricative-ah-th-ay-er
ToSit	s-e--r-	s-ay-er
ToSit-Sedentare	se--ntar-	s-ay-n-t-ah-er
ToStand	estar-	ay-s-t-ah-er
ToStand-Levare	jebat-	VdPalatalFricative-ay-b-ah-er
ToStand-Altiare	-alθ-ar-	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-Torque	torθer-	t-oh-er-th-ay-er
ToFall	k-a-er-	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToHold	ten-er-	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	se-rar	s-ay-r-ah-er
ToSqueeze-Serare	θe-rar-	th-ay-r-ah-er
ToSqueeze-Appetere	a-p--retar-	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estrep-ir-	ay-s-t-er-ay-VdPalatalNasal-e-er
ToRub	fregar-	f-er-ay-g-ah-er
ToRub-Frictare	frotar-	f-er-oh-t-ah-er
ToRub-Frictiare	frisar	f-r-e-s-ah-er
ToWash	laβar-	l-ah-bb-ah-er
ToWipe-Extergere	e-starsir-	ay-s-t-ah-er-s-e-er
ToWipe-Exsucare	enx-ug-ar-	ay-n-xha-u-g-ah-er
ToWipe-Limpidare	limpj-ar-	l-e-m-p-jg-ah-er
ToPull	tirar-	t-e-er-ah-er
ToPull-Pulsare	pu-xar-	p-u-xha-ah-er
ToThrow	-e-ŋar-	ay-ts-ah-er
ToThrow-Lanceare	lanθ-ar-	l-ah-n-th-ah-er
ToThrow-Eruncare	a-rankar	ah-r-ah-n-k-ah-er

Appendix 4 - Word Lists by Language

ToTie	legar-	l-ay-g-ah-er
ToTie-Aptare	a-tar-	ah-t-ah-er
ToSew	ko--s-er-	k-oh-s-ay-er
ToCount	kon--tar-	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	xu-gar-	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	e-skurir-	ay-s-k-u-r-e-er
ToFlow-Currere	ko-rer-	k-oh-r-ay-er
ToFreeze	-elar-	ay-l-ah-er
ToBurn-Cremare	k-emar-	k-ay-m-ah-er
ToBurn-Flammare	fla-mear	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	enθend-er-	ay-n-th-ay-n-d-ay-er
All-Totus	to-do-	t-oh-d-oh
Many	mu-θo-	m-u-ts-oh
Many-Tantus	tanto-	t-ah-n-t-oh
Some	alguno	ah-l-j-u-n-oh
Few	poko-	p-oh-k-oh
Other	o-t-ro	oh-t-er-oh
Big	ma-θo-	m-ah-VdPalatalNasal-oh
Big-Grandem	grande-	g-er-ah-n-d-ay
Long-Longum	lo-ngo-	l-oh-n-j-oh
Long-Largum	laryo-	l-ah-er-juh-oh
Wide	lato-	l-ah-t-oh
Wide-Amplum	anθ-o-	ah-n-ts-oh
Thick	gra-so-	g-er-ah-s-oh
Thick-Spissum	espeso-	ay-s-p-ay-s-oh
Thick-Gurdum	gordo-	g-oh-er-d-oh
Heavy	gra--be-	g-er-ah-b-ay
Heavy-Lurdus	lerdo-	l-ay-er-d-oh
Heavy-Pesant	pesa-ðo	p-ay-s-ah-dd-oh
Small-Pittinus	pe-keθo-	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	estr-e-θo-	ay-s-t-er-ay-ts-oh
Thin	menu-do-	m-ay-n-u-d-oh
Thin-Delicatus	del-yaðo-	d-ay-l-juh-ah-dd-oh
Thin-Subtilis	su-til--	s-u-t-e-l
Dry	se-ko-	s-ay-k-oh
Right-Dextrem	dje-stro-	d-jg-ay-s-t-er-oh
Right-Directus	der-e-θo-	d-ay-er-ay-ts-oh
Red	ro-xo-	r-oh-xha-oh
Red-Vermiculus	bermexo---	b-ay-er-m-ay-xha-oh
Red-Rubeus	ru-bjo-	r-u-b-jg-oh
Green	ber-de-	b-ay-er-d-ay
Yellow-Amarellus	amari-jo-	ah-m-ah-er-e-VdPalatalFricative-oh
White	albo-	ah-l-b-oh
One	'uno-	u-n-oh
Two-Duos	d-os	d-oh-s

Appendix 4 - Word Lists by Language

Three	tr-es	t-er-ay-s
Four	kwa-t--ro	k-w-ah-t-er-oh
Five	'θink-o	th-e-n-k-oh
Here	-a-k---i-	ah-k-e
There	a-ja-	ah-VdPalatalFricative-ah
There-Adlbi	ai	ah-e
Who-Quem	kjen-	k-jg-ay-n
What	k-e-	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	komo--	k-oh-m-oh
Not	no-	n-oh
Not-Nec	ni-	n-e
And-Et	i-	e

Italian

Cognate	IPA	Sounds
I	i--o	e-oh
We	no:i-	n-O-e
YouPlural	'vo:i-	v-O-e
YouSingular	tu	t-u
Woman	femmi-n-a	f-ay-m-m-e-n-ah
Woman-Mulier	moʎʎe---	m-oh-yuh-yuh-ay
Woman-Domina	dɔn-na	d-euh-n-n-ah
ManHumanBeing-Homo	-wɔmo	w-euh-m-oh
Child	--fante-	f-ah-n-t-ay
Child-Ninnus	nino	n-e-n-oh
Wife	-spɔ-za	s-p-euh-zz-ah
Wife-Mulier	moʎʎe--	m-oh-yuh-yuh-ay
Husband	marito-	m-ah-r-e-t-oh
Husband-Sponsus	-spɔ-zo-	s-p-euh-zz-oh
Husband-Socius	sɔʎf-o-	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	biʎʎ-a	b-e-shh-shh-ah
Fish-Piskem	peʎʎe-	p-ay-shh-shh-ay
Bird-Avicellum	--u-tʃ-ɛllo-	u-t-ts-eh-l-l-oh
Bird-Passerem	passero-	p-ah-s-s-ay-r-oh
Louse	p-idɔkkjo-	p-e-d-euh-k-k-jg-oh
Snake	s-erp-ente-	s-ay-r-p-ay-n-t-ay
Snake-Serpens	s-erpe--	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
Stick	palo-	p-ah-l-oh
Fruit	fru-tto-	f-r-u-t-t-oh
Flower	'fjo:re-	f-jg-O-er-ay
Tail	koda	k-oh-d-ah
Feather	pjuma	p-jg-u-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	p-elo-	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

Appendix 4 - Word Lists by Language

Eye	-əkk-jo-	euh-k-k-jg-oh
Nose	na:so-	n-A-s-oh
Nose-Nares	nariŋfe	n-ah-r-e-ts-ay
Mouth	bokka	b-oh-k-k-ah
Mouth-Gula	gola	j-oh-l-ah
Wing	ala	ah-l-ah
Sun	sole-	s-oh-l-ay
Moon	luna	l-u-n-ah
Star	-st-ella	s-t-ay-l-l-ah
Water	akkwa	ah-k-k-w-ah
Rain	pjoddʒ-a	p-jg-oh-d-VdPalatoAlveolarSibilant-ah
River	fjume-	f-jg-u-m-ay
River-Rivus	ri-o-	r-e-oh
Lake	lago-	l-ah-g-oh
Sea	mare	m-ah-r-ay
Salt	sale-	s-ah-l-ay
Earth	't-erra	t-eh-r-r-ah
Fog	kalidʒine-	k-ah-l-e-VdPalatoAlveolarSibilant-e-n-ay
Fog-Nebula	n-ebb-ja	n-ay-b-b-jg-ah
Fog-Tenebrae	te:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	t-ɛ:n-ebre-	t-Eh-n-ay-b-r-ay
Fog-Fumata	fuma:ta	f-u-m-A-t-ah
Sky	'fj-elo-	ts-eh-l-oh
Wind	'v-ento-	v-eh-n-t-oh
Ice	dʒelo	VdPalatoAlveolarSibilant-eh-l-oh
Smoke	fumo-	f-u-m-oh
Fire-Focus	fwəko-	f-w-euh-k-oh
Year	anno-	ah-n-n-oh
Name-Nomen	no:me-	n-O-m-ay
Tongue	'lingwa	l-e-n-g-w-ah
ToDrink	be---re	b-ay-er-ay
ToEat-Manducare	mandʒ--are	m-ah-n-VdPalatoAlveolarSibilant-ah-er-ay
ToBite	m-ordere	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
ToKnow-Sapere	sap-ere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	ko-noʃfere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink	k-odʒitare	k-oh-VdPalatoAlveolarSibilant-e-t-ah-r-ay
ToThink-Pensare	pensare	p-ay-n-s-ah-er-ay
ToFear	temere	t-ay-m-ay-r-ay
ToFear-Tremere	trem-are	t-r-ay-m-ah-r-ay
ToSleep	d-ormire	d-oh-r-m-e-r-ay
ToLive	vivere	v-e-v-ay-r-ay
ToDie	morire	m-oh-r-e-r-ay
ToKill-Adnecare	annegare	ah-n-n-ay-g-ah-r-ay
ToKill-Occidere	utʃidere	u-t-ts-e-d-ay-er-ay
ToFight	pupnare	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	batt-ere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	kattʃ-are	k-ah-t-ts-ah-r-ay
ToHit	pulsare	p-u-l-s-ah-r-ay
ToCut	s-egare	s-ay-j-ah-r-ay
ToCut-Excurtare	--skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	ta-ʌʌa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ʃ-indere	shh-e-n-d-ay-r-ay
ToSplit-Findere	fendere	f-eh-n-d-ay-r-ay
ToSplit-Partire	partire	p-ah-r-t-e-r-ay

Appendix 4 - Word Lists by Language

ToSplit-Separare	separare	s-ay-p-ah-r-ah-r-ay
ToStab	p-undgere	p-u-n-VdPalatoAlveolarSibilant-ay-r-ay
ToStab-Iugulare	jugula:re	jg-u-j-u-l-A-r-ay
ToScratch	radere	r-ah-d-ay-r-ay
ToScratch-Rasare	rasare	r-ah-s-ah-r-ay
ToDig-Cavare	kavare	k-ah-v-ah-r-ay
ToDig-Excavare	--skavare	s-k-ah-v-ah-r-ay
ToSwim	nwotare	n-w-oh-t-ah-er-ay
ToSwim-Navigare	navigare	n-ah-v-e-g-ah-r-ay
ToFly	volare	v-oh-l-ah-er-ay
ToFly-Exvolare	zvolare	zz-v-oh-l-ah-er-ay
ToWalk	kamminare	k-ah-m-m-e-n-ah-er-ay
ToWalk-Mergere	merdzere	m-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWalk-Ambitare	and--are	ah-n-d-ah-r-ay
ToCome	venire	v-ay-n-e-er-ay
ToLieAsInABed	e-stendere	ay-s-t-eh-n-d-ay-r-ay
ToLieAsInABed-lacere	dga-tfe:re	VdPalatoAlveolarSibilant-ah-ts-ai-er-ay
ToSit	s-edere	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-Gyrate	dzirare	VdPalatoAlveolarSibilant-e-r-ah-er-ay
ToTurnIntransitive-AncestralClass3	virare	v-e-r-ah-er-ay
ToTurnIntransitive-Torquere	torfere	t-euh-r-ts-ay-r-ay
ToFall	k-adere	k-ah-d-ay-er-ay
ToHold	ten-ere	t-ay-n-ay-er-ay
ToSqueeze	--sprem-ere	s-p-r-eh-m-ay-r-ay
ToSqueeze-Serare	serrare	s-ay-r-r-ah-r-ay
ToSqueeze-Stringere	-strindgere	s-t-r-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToRub	fregare	f-r-ay-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	a[ʃ]-ug-are	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	trar-re	t-r-ah-r-r-ay
ToPush	impindgere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToThrow	dgettare	VdPalatoAlveolarSibilant-ay-t-t-ah-r-ay
ToThrow-Lanceare	lantfare	l-ah-n-ts-ah-r-ay
ToThrow-Eruncare	arrontfare	ah-r-r-oh-n-ts-ah-r-ay
ToTie	legare	l-ay-g-ah-r-ay
ToSew	ku--f-ire	k-u-ts-e-r-ay
ToCount	kon--tare	k-oh-n-t-ah-r-ay
ToCount-Enumerare	enumerare	ay-n-u-m-ay-r-ah-r-ay
ToSay	di--re	d-e-r-ay
ToSay-Exponere	--spor-re	s-p-oh-r-r-ay
ToSing-AncestralClass	kantare	k-ah-n-t-ah-r-ay
ToPlay-Jiocare	dgo-kare	VdPalatoAlveolarSibilant-oh-k-ah-r-ay
ToFloat	fluttuare	f-l-u-t-t-u-ah-r-ay
ToFloat-Fluitare	fluitare	f-l-u-e-t-ah-r-ay
ToFlow	fluire	f-l-u-e-r-ay
ToFlow-Colare	kolare	k-oh-l-ah-r-ay
ToFlow-Excurrere	--skorrere	s-k-oh-r-r-ay-r-ay
ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze	dzelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay

Appendix 4 - Word Lists by Language

ToFreeze-Glaciare	gjattfjare	g-jg-ah-t-ts-jg-ah-r-ay
ToBurn-Brojan	brutfjare	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	infjendjare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-AncestralClass8	ustolare	u-s-t-oh-l-ah-r-ay
All	opnyi-	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-cuh-k-oh
Other	alt-ro	ah-l-t-r-oh
Big	mapno-	m-ah-VdPalatalNasal-VdPalatalNasal-oh
Big-Grandem	grande-	g-r-ah-n-d-ay
Long-Longum	lu-ngo-	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	grō-sso-	j-r-cuh-s-s-oh
Heavy	grē--ve-	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	pitfjino-	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	brēve-	b-r-eh-v-ay
Narrow	angusto-	ah-n-g-u-s-t-oh
Narrow-Strictus	-str-e-tto-	s-t-r-ay-t-t-oh
Thin	minu-to-	m-e-n-u-t-oh
Thin-Delicatus	delikato-	d-ay-l-e-k-ah-t-oh
Thin-Subtilis	sottile-	s-oh-t-t-e-l-ay
Dry	sekko-	s-ay-k-k-oh
Right-Dextrem	d-ε-stro-	d-eh-s-t-r-oh
Right-Directus	dextra	d-eh-s-t-r-ah
Red	rosso-	r-oh-s-s-oh
Red-Vermiculus	vermił-ło-	v-ay-r-m-e-yuh-yuh-oh
Red-Rubeus	rōbbjo-	r-cuh-b-b-jg-oh
Green	ver-de-	v-ay-r-d-ay
Yellow-Croceus	krofēo-	k-r-oh-ts-ay-oh
White	albo-	ah-l-b-oh
One	'uno-	u-n-oh
Two-Duae	du-e	d-u-ay
Three	'tr-e-	t-r-ay
Four	kwatt--ro	k-w-ah-t-t-r-oh
Five	'fjīnkwe	ts-e-nya-k-w-ay
Here	---kw--i-	k-w-e
There	--la-	l-ah
There-Ibi	-vi	v-e
Who-Qui	k-i-	k-e
What	k-e-	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	kome--	k-oh-m-ay

Appendix 4 - Word Lists by Language

Not	non	n-oh-n
Not-Nec	ne-	n-ay
And-Et	e-	ay

Brazilian Portuguese

Cognate	IPA	Sounds
I	-e-w	ay-w
We	nɔj-s	n-euh-jg-s
YouPlural	vɔjs	v-euh-jg-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	vos-e-	v-oh-s-ay
Woman	fe-me---ɐ	f-ay-m-ay-ahh
Woman-Mulier	muʎ-eɣ--	m-u-yuh-ay-rr
Woman-Domina	do--nɐ	d-oh-n-ahh
ManHumanBeing	omẽj---	oh-m-nasal_diphthong_portuguese1
Child	ĩ-fe-ʎĩ-	een-f-ahn-ts-e
Child-Ninnus	nenẽj	n-ay-n-nasal_diphthong_portuguese1
Wife	ispo-za	e-s-p-oh-zz-ah
Wife-Mulier	muʎ-eɣ-	m-u-yuh-ay-rr
Husband	maridu-	m-ah-er-e-d-u
Husband-Sponsus	ispo-zu-	e-s-p-oh-zz-u
Mother	mẽj----	m-nasal_diphthong_portuguese2
Father	paj---	p-aj_diphthong
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bi-ʃ-e	b-e-shh-ahh
Fish-Piskem	pejʃ-i-	p-ej_diphthong-shh-e
Bird-Avem	avi-	ah-v-e
Bird-Passerem	pa-seɾu-	p-ah-s-ahh-er-u
Louse	p-i-o-ʎu-	p-e-oh-yuh-u
Snake	s-eɣp-ẽ-ʎĩ-	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	fru--tɐ-	f-er-u-t-ahh
Flower	flok--	f-l-oh-rr
Tail	kawdɐ	k-ah-w-d-ahh
Feather-Penna	pe-nɐ	p-ay-n-ahh
Hair	p-el-u-	p-ay-l-u
Hair-Capillus	kabe-lu-	k-ah-b-ay-l-u
Head	kabe-s-ɐ	k-ah-b-ay-s-ahh
Head-Testa	tɛstɐ	t-eh-s-t-ahh
Ear	ore--ʎɐ	oh-er-ay-yuh-ahh
Eye	-o---ʎu-	oh-yuh-u
Nose-Nares	naris-	n-ah-er-e-s
Mouth	bo-kɐ	b-oh-k-ahh
Wing	a--	ah
Sun	sɔw--	s-euh-w
Moon	lu-ɐ	l-u-ahh
Star	istre-lɐ	e-s-t-er-ay-l-ahh
Water	'a-gwɐ	ah-g-w-ahh
Rain	ʃ-u-v-ɐ	shh-u-v-ahh
River	flumi	f-l-u-m-e
River-Rivus	ɾi-w-	rr-e-w
Lake	laqu-	l-ah-g-u

Appendix 4 - Word Lists by Language

Sea	maʁ-	m-ah-rr
Salt	saw--	s-ah-w
Earth	't-e-ʁe	t-ay-rr-ahh
Fog	kalizẽj---	k-ah-l-e-gzah-nasal_diphthong_portuguese1
Fog-Nebula	n-ε-vw-ε	n-eh-v-w-ahh
Fog-Fumata	fumasε	f-u-m-ah-s-ahh
Sky	s-εw--	s-eh-w
Wind	'v-ẽ-tu-	v-ehn-t-u
Smoke	fumu-	f-u-m-u
Fire-Focus	f-ogu-	f-oh-g-u
Year	ε-nu-	ahh-n-u
Name-Nomen	nomi-	n-oh-m-e
Tongue	'lĩ-gwε	l-een-g-w-ahh
ToDrink	beb-εʁ-	b-ay-b-ay-rr
ToEat	kome---	k-oh-m-ay
ToEat-Manducare	mẽ-ʒ--aʁ-	m-ahn-gzah-ah-rr
ToBite	m-oxdeʁ-	m-oh-rr-d-ay-rr
ToBite-Morsicare	mu-səga--	m-u-s-aah-g-ah
ToSuck	sugaʁ-	s-u-g-ah-rr
ToSpit	ku-spiʁ	k-u-s-p-e-rr
ToKnow-Sapere	sab-εʁ-	s-ah-b-ay-rr
ToKnow-Cognoscere	ko-ʁes-εʁ-	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	k-uʒitaʁ-	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pẽ-saʁ-	p-ehn-s-ah-rr
ToFear	temeʁ-	t-ay-m-ay-rr
ToFear-Tremere	trem-εʁ-	t-er-ay-m-ay-rr
ToSleep	d-oxmiʁ-	d-oh-rr-m-e-rr
ToLive	viveʁ-	v-e-v-ay-rr
ToDie	moʁeʁ-	m-oh-rr-ay-rr
ToKill-Mactare	ma-taʁ-	m-ah-t-ah-rr
ToFight-Battuere	ba-t-εʁ-	b-ah-t-ay-rr
ToHunt-Captiare	ka-s-aʁ-	k-ah-s-ah-rr
ToHit	pu-ʃaʁ-	p-u-shh-ah-rr
ToCut	s-egaʁ-	s-ay-g-ah-rr
ToCut-Curtare	koxtaʁ-	k-oh-rr-t-ah-rr
ToCut-Taliare	ta-ʃ-aʁ-	t-ah-yuh-ah-rr
ToSplit	dʒividʒiʁ-	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fẽ-deʁ-	f-ehn-d-ay-rr
ToSplit-Partire	paʁʃiʁ-	p-ah-rr-ts-e-rr
ToSplit-Separare	separaʁ-	s-ay-p-ah-er-ah-rr
ToStab	p-ũ-ʒiʁ-	p-ooo-gzah-e-rr
ToScratch	ʁa-εʁ-	rr-ah-ay-rr
ToScratch-Rasare	ʁazaʁ-	rr-ah-zz-ah-rr
ToScratch-Rasicare	ʁaʃkaʁ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaʃ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	kevaʁ	k-ahh-v-ah-rr
ToDig-Excavare	i-ʃkevaʁ-	e-shh-k-ahh-v-ah-rr
ToSwim	n-adaʁ-	n-ah-d-ah-rr
ToSwim-Navigare	naviʁaʁ-	n-ah-v-eee-juh-ah-rr
ToFly	vo-aʁ-	v-oh-ah-rr
ToWalk	ʁemiʁaʁ-	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ẽ-d--aʁ-	ahn-d-ah-rr
ToCome	v--iʁ-	v-e-rr
ToLieAsInABed	istẽ-deʁ-	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ʒε-zεʁ-	gzah-ahh-zz-ay-rr
ToSit	s-e--ʁ-	s-ay-rr
ToSit-Sedentare	sẽ---taʁ-	s-ehn-t-ah-cr

Appendix 4 - Word Lists by Language

ToStand	iftar-	eee-shh-t-ah-er
ToStand-Levare	levaꝛ-	l-ay-v-ah-rr
ToStand-Altiare	-aɫs-a--	ah-ssha-s-ah
ToTurnIntransitive	toꝛnaꝛ-	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrate	ziraꝛ-	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	viꝛaꝛ-	v-e-er-ah-er
ToTurnIntransitive-Torquere	turser-	t-u-r-s-ay-r
ToFall	k-ꝝ-ir-	k-ahh-e-er
ToFall-Tumbare	tõ-baꝛ	t-on-b-ah-rr
ToHold	te---ꝛ-	t-ay-rr
ToHold-Segurar	siguraꝛ	s-eee-g-u-er-ah-rr
ToSqueeze	i-ʃpɾəm-ek-	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	se-ꝛa--	s-ay-rr-ah
ToSqueeze-Serare	si-ꝛaꝛ-	s-eee-rr-ah-er
ToSqueeze-Appetorare	ꝝ-pi-r-taꝛ-	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃtɾi-zir-	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iffrigaꝛ	eee-shh-f-er-eee-g-ah-er
ToWash	lɐvaꝛ-	l-ahh-v-ah-er
ToWipe-Exsucare	ẽ-ʃ-ug-aꝛ-	ehn-shh-u-g-ah-er
ToWipe-Limpidare	li-p--aꝛ-	l-een-p-ah-er
ToPull	ʃira--	ts-e-er-ah
ToPull-Pulsare	pu-ʃaꝛ-	p-u-shh-ah-er
ToPull-Trahere	traze--	t-er-ah-zz-ay
ToThrow	zejtáꝛ	gzah-ej_diphthong-t-ah-er
ToThrow-Lanceare	lɐ-s-a--	l-ahn-s-ah
ToTie-Aptare	ꝝ-taꝛ-	ahh-t-ah-er
ToSew	ku--z-er-	k-u-zz-ay-er
ToCount	kõ---taꝛ-	k-on-t-ah-er
ToCount-Enumerare	enumerar-	ay-n-u-m-ay-er-ah-er
ToSay	diz-er	d-e-zz-ay-er
ToSing-AncestralClass	kẽ-taꝛ-	k-ahn-t-ah-er
ToPlay-Jiocare	zo-gaꝛ-	gzah-oh-g-ah-rr
ToFloat	flu-tuaꝛ-	f-l-u-t-u-ah-rr
ToFlow	flwiꝛ-	f-l-w-e-rr
ToFlow-Colare	ko-aꝛ-	k-oh-ah-rr
ToFlow-Excurrere	i-ʃko-ꝛeꝛ-	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	ko-ꝛeꝛ-	k-oh-rr-ay-rr
ToFreeze	zilar-	gzah-eee-l-ah-er
ToBurn-Cremare	k-ɐjmare	k-diphthong_portuguese-m-ah-er-ay
ToBurn-Ardere	aꝛdeꝛ-	ah-rr-d-ay-rr
ToBurn-Flagrare	flagꝛaꝛ-	f-l-ah-j-rr-ah-rr
ToBurn-Incendere	ĩ-sendziar-	een-s-ay-n-VdPalatoAlveolarSibilant-NearCloseFrontUnrounded-ah-er
All-Totus	to-du-	t-oh-d-u
Many	mũj-tu	m-ooo-jn-t-u
Many-Tantus	tẽ-tu	t-ahn-t-u
Some	awgũ--	ah-w-g-ooo
Few	powku	p-oh-w-k-u
Other	owt-ru	oh-w-t-er-u
Other-Alius	aw---	ah-w
Big-Grandem	grẽ-dʒi-	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lõ-gu-	l-on-g-u
Long-Largum	laꝛgu-	l-ah-rr-g-u
Wide	latu-	l-ah-t-u
Wide-Amplum	ẽ-ʃ-u-	ahn-shh-u
Thick-Spissum	espe-su-	ay-s-p-eh-s-u
Thick-Grossum	gro-su-	g-er-oh-s-u

Appendix 4 - Word Lists by Language

Heavy	gra--vi-	g-er-ah-v-e
Heavy-Lurdus	lerdo-	l-ay-er-d-oh
Heavy-Pesant	peza-du	p-ay-zz-ah-d-u
Small-Pittinus	pe-kenu-	p-ay-k-ay-n-u
Short	kugtu-	k-u-rr-t-u
Short-Brevis	'brevi-	b-er-eh-v-e
Narrow-Strictus	istr-ej--tu-	e-s-t-er-ej_diphthong-t-u
Thin	mi-u-du-	m-e-u-d-u
Thin-Delicatus	dew-gadu-	d-ay-w-g-ah-d-u
Thin-Subtilis	su-ŋw--	s-u-ts-e-w
Dry	se-ku-	s-ay-k-u
Right-Dextrem	d-ε-stru-	d-eh-s-t-er-u
Right-Directus	dir-εj-tε-	d-e-er-diphthong_portuguese-t-ahh
Red	κo-fo-	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	veκme--λu-	v-ay-rr-m-ay-yuh-u
Red-Rubeus	ru-beo-	r-u-b-ay-oh
Green	ver-di-	v-ay-er-d-eee
Yellow-Amarellus	εmare-ly-	ahh-m-ah-er-eh-l-u
White	awvu-	ah-w-v-u
One	ũ---	ooo
Two-Duos	d-ojs	d-oj_diphthong-s
Two-Duas	dues	d-u-ahh-s
Three	tr-es	t-er-ay-s
Four	kwa-t--ru	k-w-ah-t-er-u
Five	'sī-k-u	s-eeen-k-u
Here	-a-k---i-	ah-k-e
There	--la-	l-ah
There-Adlbi	ai	ah-e
Who-Quem	k-ẽj--	k-nasal_diphthong_portuguese1
What	k-i-	k-e
When-Quando	kwẽ-du	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
And-Et	i-	e

Portuguese

Cognate	IPA	Sounds
I	-e-w	ay-w
We	no-ʃ	n-euh-shh
YouPlural	vo-ʃ	v-oh-shh
YouSingular	tu	t-u
YouSingular-VostramMercedem	vɔs-e-	v-euh-s-ay
Woman	'fe-mj---ɐ	f-ay-m-jg-ahh
Woman-Mulier	muʎ-er--	m-u-yuh-ay-er
Woman-Domina	do--nɐ	d-oh-n-ahh
ManHumanBeing	ɔmẽj---	euh-m-nasal_diphthong_portuguese1
Child	ĩ-fẽ-ti-	een-f-ahn-t-eee
Child-Ninnus	nenẽj	n-ay-n-nasal_diphthong_portuguese1
Wife	ifpo-zɐ	eee-shh-p-oh-zz-ahh
Wife-Mulier	muʎ-er-	m-u-yuh-ay-er
Husband	mɐriðu-	m-ahh-er-e-dd-u
Husband-Sponsus	ifpo-zu-	eee-shh-p-oh-zz-u
Mother	mẽj----	m-nasal_diphthong_portuguese2
Father	paj---	p-aj_diphthong

Appendix 4 - Word Lists by Language

Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bi-f-ə	b-e-shh-ahh
Fish-Piskem	peɪf-i-	p-diphthong_portuguese-shh-eee
Bird-Avem	avi-	ah-v-eee
Bird-Passerem	pa-səru-	p-ah-s-ahh-er-u
Louse	p-i-o-ʎu-	p-e-oh-yuh-u
Snake	s-irp-ē-ti-	s-eee-er-p-ehn-t-eee
Worm	vermi-	v-ay-er-m-eee
Tree	arvuri-	ah-er-v-u-er-eee
Forest	seɪvə	s-eh-ssha-v-ahh
Stick	paw--	p-ah-w
Fruit	fru--tə-	f-er-u-t-ahh
Flower	flor--	f-l-oh-er
Tail	kawdə	k-ah-w-d-ahh
Feather-Penna	pe-nə	p-ay-n-ahh
Hair	p-ilu-	p-eee-l-u
Hair-Capillus	kəβe-lu-	k-ahh-bb-ay-l-u
Head	kəβe-s-ə	k-ahh-bb-ay-s-ahh
Head-Testa	tɛʃtə	t-eh-shh-t-ahh
Ear	orej--ʎə	oh-er-diphthong_portuguese-yuh-ahh
Eye	-o---ʎu-	oh-yuh-u
Nose-Nares	nəriʃ-	n-ahh-er-e-shh
Mouth	bo-kə	b-oh-k-ahh
Wing	a--	ah
Sun	sɔɫ--	s-euh-ssha
Moon	lu-ə	l-u-ahh
Star	ɪʃtre-lə	eee-shh-t-er-ay-l-ahh
Water	'a-gwə	ah-g-w-ahh
Rain	ʃ-u-v-ə	shh-u-v-ahh
River	flumi-	f-l-u-m-eee
River-Rivus	xi-u-	rr-e-u
Lake	laɣu-	l-ah-juh-u
Sea	mar-	m-ah-er
Salt	sal--	s-ah-l
Earth	't-ɛ-ʁə	t-eh-rr-ahh
Fog	kəliʒɐj---	k-ahh-l-e-gzah-nasal_diphthong_portuguese2
Fog-Nebula	n-ɛ-vw-ə	n-eh-v-w-ahh
Fog-Tenebras	tr---ɛv-ɐʃ	t-er-eh-v-ahh-shh
Fog-Fumata	fumasə	f-u-m-ah-s-ahh
Sky	s-ɛw--	s-eh-w
Wind	'v-ē-tu-	v-ehn-t-u
Smoke	fumu-	f-u-m-u
Fire-Focus	f-oɣu-	f-oh-juh-u
Year	ə-nu-	ahh-n-u
Name-Nomen	nomi-	n-oh-m-eee
Tongue	'li-gwə	l-een-g-w-ahh
ToDrink	biʃ-er-	b-eee-bb-ay-er
ToEat	kum--er-	k-u-m-ay-er
ToEat-Manducare	mẽ-ʒ--ar-	m-ahn-gzah-ah-er
ToBite	m-urðer-	m-u-er-dd-ay-er
ToBite-Morsicare	mu-səgar-	m-u-s-aah-g-ah-r
ToSuck	sugar-	s-u-g-ah-er
ToSpit	ku-ʃpir	k-u-shh-p-e-er
ToKnow-Sapere	səb-er-	s-ahh-b-ay-er
ToKnow-Cognoscere	ku-ɲis-er-	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	k-uʒitar-	k-u-gzah-e-t-ah-er
ToThink-Pensare	pē-sar-	p-ehn-s-ah-er

Appendix 4 - Word Lists by Language

ToFear	timer-	t-eee-m-ay-er
ToFear-Tremere	trim-er-	t-er-eee-m-ay-er
ToSleep	d-urmīr-	d-u-er-m-e-er
ToLive	viver-	v-e-v-ay-er
ToDie	mūer-	m-u-rr-ay-er
ToKill-Mactare	mē-tar-	m-ahh-t-ah-er
ToFight-Battuere	bē-t-er-	b-ahh-t-ay-er
ToHunt-Captiare	kē-s-ar-	k-ahh-s-ah-er
ToHit	pu-far-	p-u-shh-ah-er
ToCut	s-iyar-	s-eee-juh-ah-er
ToCut-Curtare	kurtar-	k-u-er-t-ah-er
ToCut-Taliare	tē-Ā-ar-	t-ahh-yuh-ah-er
ToSplit	diviðir-	d-e-v-e-dd-e-er
ToSplit-Findere	fē-der-	f-ehn-d-ay-er
ToSplit-Partire	pertir-	p-ahh-er-t-e-er
ToSplit-Separare	sipērar-	s-eee-p-ahh-er-ah-er
ToStab	p-ū-zir-	p-ooo-gzah-e-er
ToScratch	kē-er-	rr-ahh-ay-er
ToScratch-Rasare	kēzar-	rr-ahh-zz-ah-er
ToScratch-Rasicare	kējkar-	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar-	k-u-s-ah-er
ToDig-Cavare	kēvar-	k-ahh-v-ah-er
ToDig-Excavare	i-jkēvar-	e-shh-k-ahh-v-ah-er
ToSwim	n-eðar-	n-ahh-dd-ah-er
ToSwim-Navigare	nevīyar-	n-ahh-v-eee-juh-ah-er
ToFly	vw-ar-	v-w-ah-er
ToWalk	kēmīnar-	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ē-d--ar-	ahn-d-ah-er
ToCome	v--ir-	v-e-er
ToLieAsInABed	iſtē-der-	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zē-zer-	gzah-ahh-zz-ay-er
ToSit	s-e--r-	s-ay-er
ToSit-Sedentare	sē---tar-	s-ehn-t-ah-er
ToStand	iſtar-	eee-shh-t-ah-er
ToStand-Levare	līvar-	l-eee-v-ah-er
ToStand-Altiare	-als-ar-	ah-ssha-s-ah-er
ToTurnIntransitive	turnar-	t-u-er-n-ah-er
ToTurnIntransitive-Gyrate	zīrar-	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zīrar-	gzah-e-er-ah-er
ToTurnIntransitive-Torquere	turser-	t-u-r-s-ay-r
ToFall	k-e-ir-	k-ahh-e-er
ToFall-Tumbare	tō-bar-	t-on-b-ah-er
ToHold	tē---r-	t-ay-er
ToHold-Segurar	siyurar-	s-eee-juh-u-er-ah-er
ToSqueeze	i-jprēm-er-	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sə-rar-	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	si-ġar-	s-eee-rr-ah-er
ToSqueeze-Appetorare	ē-pi-r-tar-	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əſtrīzir-	aah-shh-t-r-ēen-gzah-e-r
ToRub-Exfricare	iſfriyar-	eee-shh-f-er-eee-juh-ah-er
ToWash	lēvar-	l-ahh-v-ah-er
ToWipe-Exsucare	ē-f-uy-ar-	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	lī-p--ar-	l-ēen-p-ah-er
ToPull	tīrar-	t-e-er-ah-er
ToPull-Pulsare	pu-far-	p-u-shh-ah-er
ToPull-Trahere	trēzer-	t-er-ahh-zz-ay-er
ToThrow	zejtar-	gzah-ej diphthong-t-ah-er

Appendix 4 - Word Lists by Language

ToThrow-Lanceare	l̥s-ar-	l-ahn-s-ah-er
ToTie-Aptare	ɐ-tar-	ahh-t-ah-er
ToSew	ku--z-er-	k-u-zz-ay-er
ToCount	kō---tar-	k-on-t-ah-er
ToCount-Enumerare	enumerar-	ay-n-u-m-ay-er-ah-er
ToSay	diz-er	d-e-zz-ay-er
ToSing-AncestralClass	kɐ-tar-	k-ahn-t-ah-er
ToPlay-Jiocare	ʒu-ɣar-	gzah-u-juh-ah-er
ToFloat	flu-tuar-	f-l-u-t-u-ah-er
ToFlow	flwir-	f-l-w-e-er
ToFlow-Colare	ku-ar-	k-u-ah-er
ToFlow-Excurrere	i-ʃku-rer-	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	ku-ɾer-	k-u-rr-ay-er
ToFreeze	ʒilar-	gzah-eee-l-ah-er
ToBurn-Cremare	k-ejmaɾe	k-ej_diphthong-m-ah-rr-ay
ToBurn-Ardere	ɐrder-	ahh-er-d-ay-er
ToBurn-Flagrare	flagrar-	f-l-ah-g-er-ah-er
ToBurn-Incendere	ĩ-sẽ-djar-	een-s-ehn-d-jg-ah-er
All-Totus	to-ðu-	t-oh-dd-u
Many	mũj-tu	m-ooo-jn-t-u
Many-Tantus	tɐ-tu-	t-ahn-t-u
Some	atqũ--	ah-ssha-g-ooo
Few	powku	p-oh-w-k-u
Other	owt-ru	oh-w-t-er-u
Other-Alius	at---	ah-ssha
Big-Grandem	grẽ-di-	g-er-ahn-d-eee
Long-Longum	lõ-gu-	l-on-g-u
Long-Largum	largu-	l-ah-er-g-u
Wide	latu-	l-ah-t-u
Wide-Amplum	ẽ-ʃ-u-	ahn-shh-u
Thick	gra-ʃu-	g-er-ah-shh-u
Thick-Spissum	iʃpe-su-	e-shh-p-ay-s-u
Thick-Grossum	gro-su-	j-er-oh-s-u
Heavy	gra--vi-	g-er-ah-v-eee
Heavy-Lurdus	lerdo-	l-ay-er-d-oh
Heavy-Pesant	piza-ðu	p-eee-zz-ah-dd-u
Small-Pittinus	pi-kenu-	p-eee-k-ay-n-u
Short	kurtu-	k-u-er-t-u
Short-Brevis	'brevi-	b-er-eh-v-eee
Narrow-Strictus	iʃtr-ɐj--tu-	eee-shh-t-er-diphthong_portuguese-t-u
Thin	mi-u-ðu-	m-e-u-dd-u
Thin-Delicatus	deʃ-ɣaðu-	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	su-ʃiʷ--	s-u-ts-e-w
Dry	se-ku-	s-ay-k-u
Right-Dextrem	d-ɛ-ʃtru-	d-eh-shh-t-er-u
Right-Directus	dir-ɐj-tɐ-	d-e-r-diphthong_portuguese-t-ahh
Red	ɾo-ʃu-	rr-oh-shh-u
Red-Vermiculus	viɾmɐj--ʃu-	v-eee-er-m-diphthong_portuguese-yuh-u
Red-Rubeus	ru-beo-	r-u-b-ay-oh
Green	ver-di-	v-ay-er-d-eee
Yellow-Amarellus	ɐmɐɾe-lu-	ahh-m-ahh-er-eh-l-u
White	alvu-	ah-l-v-u
One	ũ---	ooo
Two-Duos	d-ojʃ	d-oj_diphthong-shh
Two-Duas	duɐʃ	d-u-ahh-shh
Three	tr-eʃ	t-er-ay-shh
Four	kwa-t--ru	k-w-ah-t-er-u

Appendix 4 - Word Lists by Language

Five	'sĩ-k-u	s-een-k-u
Here	-v-k---i-	ahh-k-e
There	--la-	l-ah
There-Adlbi	vi	ahh-e
Who-Quem	k-ẽj--	k-nasal_diphthong_portuguese2
What	k-i-	k-eee
When-Quando	kwẽ-du	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
And-Et	i-	e

Catalan

Cognate	IPA	Sounds
I	ʒ--ɔ	gzah-euh
YouPlural	bu-s	b-u-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	voste-	v-oh-s-t-ay
Woman	fe-m-br-a	f-ay-m-b-er-ah
Woman-Mulier	muʎ-e---	m-u-yuh-ay
Woman-Domina	dɔ--nə	d-euh-n-aah
ManHumanBeing	-ɔmə---	euh-m-aah
Child-Ninnus	nen-	n-ay-n
Wife	əspɔ-zə	aah-s-p-euh-zz-aah
Wife-Mulier	muʎ-e-	m-u-yuh-ay
Husband	marit--	m-ah-er-e-t
Husband-Sponsus	əspɔ-s--	aah-s-p-euh-s
Mother	ma-rə-	m-ah-er-aah
Father	pa-rə	p-ah-er-aah
Fish-Piskem	peʃ---	p-ay-shh
Bird-Avem	aw--	ah-w
Bird-Avicellum	--u--s-e-ʎ--	u-s-ay-yuh
Louse	p-o---ʎ--	p-oh-yuh
Snake	s-ərp-en---	s-aah-r-p-ay-n
Snake-Serpens	s-erp---	s-ay-er-p
Worm	vɛrm--	v-eh-er-m
Tree	a-b-rə-	ah-b-er-aah
Forest	selba	s-ay-l-b-ah
Stick	pal--	p-ah-l
Fruit	fruj-t--	f-er-u-jg-t
Flower	flɔ---	f-l-euh
Tail	ku-a	k-u-ah
Feather	plomə	p-l-oh-m-aah
Feather-Penna	pɛ-ɲə	p-ch-VdPalatalNasal-aah
Hair	p-ɛl--	p-ch-l
Hair-Capillus	kəbɛ-ʎ--	k-aah-b-eh-yuh
Head	kap-----	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	urɛ--ʎə	u-er-ch-yuh-aah
Nose	nas--	n-ah-s
Nose-Nares	na:ris-	n-A-r-NearCloseFrontUnrounded-s
Mouth	bo-kə	b-oh-k-aah
Mouth-Gula	golə	j-oh-l-aah
Wing	alə	ah-l-aah
Sun	sɔl--	s-euh-l

Appendix 4 - Word Lists by Language

Moon	ʎunə	yuh-u-n-aah
Star	əst-ɛ-l-	aah-s-t-eh-l
Water	ʼaj-ɣwə	aj_diphthong-juh-w-aah
Rain	plu-ʒ-ə	p-l-u-gzah-aah
River-Rivus	ri-w-	r-e-w
Lake	ʎak--	yuh-ah-k
Sea	mar-	m-ah-r
Salt	sal--	s-ah-l
Earth	ʼt-ɛ-rə	t-eh-r-aah
Fog-Nebula	n-e--wlə	n-ay-w-l-aah
Fog-Tenebras	t-ən-ebɾəs	t-aah-n-ay-b-er-aah-s
Sky	s-ɛl--	s-eh-l
Wind	b-en---	b-ay-n
Ice	ʒɛl-	gzah-eh-ssha
Smoke	fum--	f-u-m
Fire-Focus	f-ɔk--	f-euh-k
Year	a-ɲ--	ah-VdPalatalNasal
Name-Nomen	nəm--	n-euh-m
ToDrink	bew--rə	b-eh-w-er-aah
ToEat-Manducare	məɲʒ--a--	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	mu-səɣa--	m-u-s-aah-juh-ah
ToSpit-Exconspuere	əsku-pi	aah-s-k-u-p-e
ToKnow-Sapere	səβ-ɛ--	s-aah-bb-eh
ToKnow-Cognoscere	ku-nɛʃ-ə--	k-u-n-eh-shh-aah
ToThink	k-u-jda--	k-u-jg-d-ah
ToThink-Pensare	pənsa--	p-aah-n-s-ah
ToFear	temə--	t-ay-m-aah
ToSleep	d-urmi--	d-u-r-m-e
ToLive	biw-rə	b-e-w-er-aah
ToDie	muri--	m-u-er-e
ToKill	n-əga--	n-aah-g-ah
ToKill-Mactare	mə-ta--	m-aah-t-ah
ToKill-Occidere	uksi----	u-k-s-e
ToFight	pu-ɲa--	p-u-VdPalatalNasal-ah
ToFight-Battuere	ba-t--rə	b-ah-t-er-aah
ToHunt-Captiare	kə-s-a--	k-aah-s-ah
ToCut	s-əɣa--	s-aah-juh-ah
ToCut-Taliare	tə-ʎ-a--	t-aah-yuh-ah
ToSplit	dibidi--	d-e-b-e-d-e
ToSplit-Findere	fend-rə	f-eh-n-d-er-aah
ToSplit-Partire	pərti--	p-aah-r-t-e
ToSplit-Separare	səpəra--	s-aah-p-aah-er-ah
ToStab	p-ɥn-i--	p-u-VdPalatalNasal-e
ToScratch	raw-rə	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	n-əda--	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	əstend-rə	aah-s-t-ay-n-d-er-aah
ToLieAsInABed-lacere	ʒaw--rə	gzah-ah-w-er-aah
ToStand	əsta--	aah-s-t-ah
ToStand-Levare	ʎəba--	yuh-aah-b-ah
ToStand-Altiare	-əls-a--	aah-l-s-ah

Appendix 4 - Word Lists by Language

ToTurnIntransitive	turna-	t-u-r-n-ah
ToTurnIntransitive-Gyrate	zira--	gzah-e-er-ah
ToTurnIntransitive-AncestralClass3	bira--	b-e-er-ah
ToTurnIntransitive-Torque	tərsə--	t-euh-r-s-aah
ToFall	k-aw-rə	k-ah-w-r-aah
ToFall-Tumbare	tumba-	t-u-m-b-ah
ToHold	tən-i--	t-aah-n-e
ToSqueeze	ə-sprem-ə--	aah-s-p-er-ay-m-aah
ToSqueeze-Serrere	sə-ra--	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	ə-stəŋzi--	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	ə-f-uga--	aah-shh-u-g-ah
ToPull	tira--	t-e-er-ah
ToPull-Trahere	trəw-rə	t-er-eh-w-er-aah
ToPush	əmpɛŋ-ə--	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	lən-s-a--	yuh-aah-n-s-ah
ToTie	liya--	yuh-e-juh-ah
ToSew	ku--z-i--	k-u-zz-e
ToCount	kum--ta--	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	zu-ga--	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	ə-sko-rə--	aah-s-k-oh-r-aah
ToFlow-Currere	ko-rə--	k-oh-r-aah
ToFreeze	zəla--	gzah-aah-l-ah
ToFreeze-Glaciare	glə-s-a--	g-l-aah-s-ah
ToBurn-Cremare	krəma--	k-r-aah-m-ah
ToBurn-Flammare	flama--	f-ssha-ah-m-ah
ToBurn-Incendere	ənsend--rə	aah-n-s-ay-n-d-er-aah
All-Totus	to-t--	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	alt-rə	ah-l-t-er-aah
Big-Grandem	gran---	j-r-ah-n
Long-Longum	lɔ-ŋ---	yuh-oh-nya
Long-Largum	lark--	yuh-ah-er-k
Wide-Amplum	amplə-	ah-m-p-l-aah
Thick	gra-s--	g-er-ah-s
Thick-Spissum	əspe-s--	aah-s-p-eh-s
Thick-Grossum	grə-s---	g-er-euh-s
Heavy	gre--w--	g-er-ay-w
Heavy-Pesant	pəza-t-	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	əstr-ɛ--t--	aah-s-t-er-eh-t
Thin	mənu-t--	m-aah-n-u-t

Appendix 4 - Word Lists by Language

Thin-Delicatus	dəlikat--	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil--	s-u-p-t-e-l
Dry	sek---	s-eh-k
Right-Dextrem	d-e-strə-	d-ay-s-t-er-aah
Right-Directus	dɹæt	d-er-eh-t
Red	ro-s--	r-oh-s
Red-Vermiculus	bərmɛ--ʌ--	b-aah-r-m-eh-yuh
Red-Rubeus	ru-ɖʒe--	r-u-VdPalatoAlveolarSibilant-ay
Green	vɛr-t--	v-eh-er-t
Yellow-Croceus	grək---	j-er-euh-k
White	alb--	ah-l-b
One	'un--	u-n
Two-Duos	d-os	d-oh-s
Three	'tr-ɛs	t-r-eh-s
Four	kwa-t--rə	k-w-ah-t-er-aah
Five	'sɪŋk--	s-e-nya-k
Here	-a-k---i-	ah-k-e
There	ə-ʌa-	aah-yuh-ah
Who-Qui	k-i-	k-e
What	k-ɛ-	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	kəm---	k-euh-m
Not	no-	n-oh
Not-Nec	ni-	n-e
And-Et	i-	e

Walloon

Cognate	IPA	Sounds
I	dʒɪ--	VdPalatoAlveolarSibilant-NearCloseFrontUnrounded
We	no--	n-oh
YouPlural	vo-s	v-oh-s
YouSingular	ty	t-eeh
Woman	fœ-m-----	f-OpenMidNearFrontRounded-m
Woman-Domina	dœm---	d-OpenMidNearFrontRounded-m
ManHumanBeing	-ɔm----	euh-m
Child	ɛ-fɑ̃----	eh-f-NasalA
Mother	me-r--	m-ay-VIUvularTrill
Father	pɛ:-r-	p-Eh-r
Fish-Pescion	p-ɛhō	p-eh-h-on
Bird-Avicellum	--u:-h-ɛ:----	U-h-Eh
Louse	pju-----	p-jg-u
Snake	sjɛkɔp-ẽ----	s-jg-eh-rr-p-ehn
Worm	vʒɛr--	v-jg-eh-VIUvularTrill
Tree	o:-b----	O-b
Fruit	fry-----	f-VIUvularTrill-eeh
Flower	flø:k--	f-l-o-rr
Tail	kɔw--	k-euh-w
Feather	plɔm-	p-l-euh-m
Feather-Penna	pe-n-	p-ay-n
Hair-Capillus	ʃivj--a-	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

Appendix 4 - Word Lists by Language

Mouth-Gula	gø:j-	g-o-jg
Wing	el-	ay-l
Sun	solo-	s-euh-l-euh
Moon	løn-	l-uu-n
Star	-st-ø:-l-	s-t-o-l
Water	ε:-w-	Eh-w
Rain	plu:-ɣ--	p-l-U-rr
River-Riparia	rivi:-ɣ--	r-e-v-E-rr
Lake	lak--	l-ah-k
Sea	meɣ-	m-ay-rr
Salt	se---	s-ay
Earth	t-ε:-ɣ-	t-Eh-rr
Sky	s-i:ɣ--	s-E-rr
Wind	v-ẽ----	v-ehn
Fire-Focus	f-ø:---	f-o
Year	ã----	NasalA
Name-Nomen	nõ---	n-on
Tongue	lëu----	l-eu_nasalized_diphthong
ToDrink	b---ø:ɣ-	b-o-rr
ToEat-Manducare	map---i:--	m-ah-VdPalatalNasal-E
ToSuck	sysi:--	s-eeh-s-E
ToKnow-Sapere	sav-ø:R-	s-ah-v-o-VIUvularTrill
ToKnow-Cognoscere	ki-nəh----	k-e-n-euh-h
ToThink-Pensare	pẽ-se--	p-ehnn-s-ay
ToSleep	dwaɣmi--	d-w-ah-rr-m-e
ToDie	məri--	m-euh-VIUvularTrill-e
ToKill-Tutari	tuw-e--	t-u-w-ay
ToFight-Battuere	bat-e--	b-ah-t-ay
ToHunt-Captiare	ʃe-s-i:--	ts-eh-s-E
ToCut-Taliare	tɛ--ji:--	t-eh-jg-E
ToSplit-Findere	fɛ-t---	f-ehnn-t
ToSplit-Partire	pɔ:rti--	p-LongOpenMidBackRounded-VIUvularTrill-t-e
ToDig-Cavare	çɑ:v-le	sh-aay-v-l-ay
ToSwim-Navigare	ne--dʒi:--	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vole--	v-euh-l-ay
ToWalk	ʃimine--	ts-e-m-e-n-ay
ToWalk-Marcher	ma:Rʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini--	v-e-n-e
ToLieAsInABed-lacere	dʒe--re	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	εs----	eh-s
ToStand-Levare	løve--	l-aah-v-ay
ToStand-Altiare	ho:-s-i:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:me-	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	viɣe--	v-e-rr-ay
ToFall	ʃf-ε:--R-	ts-Eh-VIUvularTrill
ToFall-Tumbare	tum-e-	t-u-m-ay
ToHold	tin-i--	t-e-n-e
ToSqueeze-Serare	se-re--	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-j-ay
ToRub	froj----	f-r-oj_diphthong
ToRub-Frictare	fɔte--	f-rr-oh-t-ay
ToWash	lave--	l-ah-v-ay
ToWipe-Exsucare	--s-u-we--	s-u-w-ay
ToPull	tire--	t-e-r-ay
ToPull-Pulsare	pu:si:--	p-U-s-E
ToThrow	dʒete	VdPalatoAlveolarSibilant-eh-t-ay
ToThrow-Lanceare	lanc-i:-	l-ah-n-tya-E

Appendix 4 - Word Lists by Language

ToTie	lɔji:--	l-euh-jg-E
ToSew	kø:--z----	k-o-zz
ToCount	kõ---te--	k-on-t-ay
ToSay	di:--ɤ	d-E-rr
ToSing-AncestralClass	ʃũ-te--	ts-NasalA-t-ay
ToPlay-Jiocare	dʒuw-e--	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	kɔle--	k-euh-l-ay
ToFreeze	dʒale--	VdPalatoAlveolarSibilant-ah-l-ay
ToBurn-Brojan	bʁu:le--	b-rr-U-l-ay
All-Totus	tɔ----	t-euh
Few	põ---	p-on
Other	õ-t---	on-t
Big-Grandem	gʁũ---	j-rr-NasalA
Long-Longum	lõ-----	l-on
Thick-Spissum	-spɛ----	s-p-eh
Heavy	gra--v--	j-r-ah-v
Small	pi-ti---	p-e-t-e
Short	ku:ɤ---	k-U-rr
Short-Brevis	bʁɛf--	b-rr-ay-f
Narrow-Strictus	-stɤ:ø:-----	s-t-rr-o
Thin	minu----	m-e-n-u
Thin-Subtilis	su:-ti---	s-U-t-e
Dry	sɛʃf---	s-eh-ts
Right-Directus	drø:t	d-r-o-t
Red-Rubeus	rɔ-ʃf---	r-euh-ts
Green	vɛɤ-----	v-eh-rr
Yellow	dʒɛ---n--	VdPalatoAlveolarSibilant-eh-n
One	õ---	on
Two-Duos	d-ø:-	d-o
Three	tr-ø:-	t-r-o
Four	kwa-t----	k-w-ah-t
Five	sɛ-k--	s-ehn-k
There	--la-	l-ah
Who-Qui	k-i:-	k-E
What	kwe:-	k-w-Eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	kɔmẽ--	k-euh-m-ehnn
Not-Nec	nẽ-	n-ehn
And-Et	ɛ-	eh

Friulian

Cognate	IPA	Sounds
I	j--o	jg-oh
We	no:--	n-O
YouPlural	vo:--	v-O
YouSingular	tu	t-u
Woman	fɛ-mi-n-ɛ	f-eh-m-e-n-eh
Woman-Mulier	mu--i:r--	m-u-E-r
Woman-Domina	dɔ--ne	d-euh-n-ay
ManHumanBeing	-ɔm----	euh-m
Wife-Mulier	mu-i:r-	m-u-E-r
Husband	mari:t--	m-ah-r-E-t
Husband-Sponsus	-spo:-s--	s-p-O-s
Mother	ma-ri-	m-ah-r-e
Father	pa-ri	p-ah-r-e

Appendix 4 - Word Lists by Language

Animal	nema:l--	n-ay-m-A-l
Animal-Bestia	bis---	b-e-s
Fish-Piskem	pes---	p-eh-s
Bird-Avicellum	--u--ʃjɛ-l--	u-ts-jg-eh-l
Louse	p-edo-li-	p-ay-d-oh-l-e
Snake	s-arp-int--	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	fru--t--	f-r-u-t
Flower	flo:r--	f-l-O-r
Tail	køðe	k-euh-d-eh
Feather	plume	p-l-u-m-eh
Feather-Penna	pɛ-ne	p-eh-n-ay
Hair	p-e:l--	p-ai-l
Hair-Capillus	cavej----	tya-ah-v-ej_diphthong
Head	ca:f-----	tya-A-f
Head-Testa	teste	t-eh-s-t-ay
Ear	ore--le	oh-r-ay-l-ay
Eye	vo--li-	v-oh-l-e
Nose	na:s--	n-A-s
Mouth	bɔ-ce	b-euh-tya-eh
Mouth-Gula	gole	j-euh-l-ay
Wing	ale	ah-l-ay
Sun-Soliculus	sore--li-	s-oh-r-ay-l-e
Moon	lune	l-u-n-ay
Star	-st-ɛ-le	s-t-eh-l-ay
Water	a-g-e	ah-j-ay
Rain	plo--je	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
Earth	tjɛ-re	t-jg-eh-r-ay
Fog-Fumata	fumate	f-u-m-ah-t-ay
Sky	ʃ'i:l--	ts-E-l
Wind	'v-int--	v-e-n-t
Smoke	fum--	f-u-m
Fire-Focus	f-u:k--	f-U-k
Year	a-ŋ--	ah-nya
Name-Nomen	nɔŋ--	n-euh-nya
Tongue	'leng-ɛ	l-eh-n-j-eh
ToDrink	bevi--	b-ay-v-e
ToEat-Manducare	manj--a:--	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
ToKnow-Sapere	sav-e:--	s-ah-v-ai
ToKnow-Cognoscere	ko-ɲos-i--	k-oh-VdPalatalNasal-oh-s-e
ToThink-Pensare	penja:--	p-ay-nya-s-A
ToFear	temi--	t-ay-m-e
ToFear-Tremere	trim-a:--	t-r-e-m-A
ToSleep	d-urmi:--	d-u-r-m-E
ToLive	vivi--	v-e-v-e
ToDie	muri:--	m-u-r-E
ToKill-Mactare	maʃ'a:--	m-ah-ts-A

Appendix 4 - Word Lists by Language

ToFight-Battuere	bat-i--	b-ah-t-e
ToHunt-Captiare	ca-ʃ-a:--	tya-ah-ts-A
ToHit	pulsa:-	p-u-l-s-A
ToCut	s-e-a:--	s-ay-A
ToCut-Excurtare	--skurta:--	s-k-u-r-t-A
ToCut-Taliare	ta--ja:--	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	n-ada:--	n-ah-d-A
ToSwim-Navigare	naviga:--	n-ah-v-e-j-A
ToFly-Exvolare	zvola:--	zz-v-oh-l-A
ToWalk	camina:--	tya-ah-m-e-n-A
ToCome	viji:-	v-e-VdPalatalNasal-E
ToLieAsInABed-Iacere	je-si--	jg-ay-s-e
ToSit-Sedentare	se--nta:--	s-ay-n-t-A
ToStand	-sta:--	s-t-A
ToStand-Levare	leva:--	l-ay-v-A
ToStand-Altiare	-altʃ-a:	ah-l-t-shh-A
ToTurnIntransitive	torna:--	t-oh-r-n-A
ToTurnIntransitive-Gyrare	ɖgira:--	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	ɖgira:--	VdPalatoAlveolarSibilant-e-r-A
ToFall	ʃjade--	ts-jg-ah-d-ay
ToHold	tinji--	t-e-n-jg-e
ToSqueeze	e-sprim-i--	ay-s-p-r-e-m-e
ToSqueeze-Stringere	strengi:--	s-t-r-eh-n-j-E
ToRub	fre-a--	f-r-ay-ah
ToWash	lava:--	l-ah-v-A
ToWipe-Exsucare	--s-u-ja:--	s-u-jg-A
ToPull	tira:--	t-e-r-A
ToPull-Pulsare	pulsa:--	p-u-l-s-A
ToPull-Trahere	traj---	t-r-aj_diphthong
ToThrow-Lanceare	lanʃa:--	l-ah-n-ts-A
ToTie	le-a:--	l-ay-A
ToSew	ku--zi---	k-u-zz-e
ToCount	kon--ta:--	k-oh-n-t-A
ToSay	di:	d-E
ToSing-AncestralClass	canta:--	tya-ah-n-t-A
ToPlay-Jiocare	ɖguj-a:--	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Excurrere	--sko-ri:--	s-k-oh-r-E
ToFlow-Currere	ko-ri--	k-oh-r-e
ToFreeze-Glaciare	gla-ʃ-a:--	j-l-ah-ts-A
ToBurn-Brojan	bruza:--	b-r-u-zz-A
All-Totus	du-t--	d-u-t
Many	molc--	m-oh-l-tya
Many-Tantus	tanc--	t-ah-n-tya
Few	po:k-	p-O-k
Other	alt-ri	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

Appendix 4 - Word Lists by Language

Heavy	grɛ--vi-	j-r-eh-v-e
Heavy-Pesant	pezant-	p-ay-zz-ah-n-t
Small-Pitulus	pi-ʃʊl--	p-e-ts-u-l
Short	kurt--	k-u-r-t
Narrow-Strictus	-str-ɛ--t--	s-t-r-eh-t
Thin	minu:-t--	m-e-n-U-t
Thin-Subtilis	su-ti:l--	s-u-t-E-l
Dry	sɛ-k--	s-eh-k
Right-Directus	'drɛt	d-r-eh-t
Red	rɔ-s--	r-euh-s
Green	ver-t--	v-eh-r-t
One	uŋ--	u-nya
Two-Duos	d-oj-	d-oj_diphthong
Three	'tr-e:-	t-r-ai
Four	kwa-t--ri	k-w-ah-t-r-e
Five	'ʃɪŋk--	ts-e-nya-k
Here	-a-k---i-	ah-k-e
Who-Qui	kwi-	k-w-e
What	ʃf-e-	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	ʃɛmu:t-	ts-ay-m-U-t
Not	no-	n-oh
And-Et	e-	ay

Romanian

Cognate	IPA	Sounds
I	je-w	jg-ay-w
We	noj-	n-oj_diphthong
YouPlural	voj-	v-oj_diphthong
YouSingular	tu	t-u
Woman	fɛ-me--je	f-ay-m-ay-jg-ay
Woman-Mulier	mu-jere-	m-u-jg-ay-r-ay
Woman-Domina	doam-nə	d-midback_diphthong_romanian-m-n-aah
ManHumanBeing	-om----	oh-m
Wife-Mulier	mu-jere	m-u-jg-ay-r-ay
Husband	mərɪt--	m-aah-r-e-t
Husband-Socius	sɔts---	s-oh-VIAIveolarSibilantAffricate
Father-Tata	tatə	t-ah-t-aah
Animal	-nəma-je	n-aah-m-ah-jg-ay
Fish-Piskem	peʃte-	p-ay-shh-t-ay
Bird-Passerem	pa-səre-	p-ah-s-aah-er-ay
Louse	p-ədu-kje-	p-aah-d-u-k-jg-ay
Snake	ʃ-arɸ-e----	shh-ah-er-p-ay
Snake-Serpens	ʃ-arɸe--	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	fru-kt--	f-r-u-k-t
Flower	floare-	f-l-midback_diphthong_romanian-er-ay
Tail	coadă	tya-midback_diphthong_romanian-d-aah
Feather-Penna	pa-nə	p-ah-n-aah
Hair	p-ər--	p-aah-er
Head	kap-----	k-ah-p
Head-Testa	tseastə	VIAIveolarSibilantAffricate-midfront_diphthong_romanian-s-t-aah
Ear	ure-k-e	u-r-ay-k-ay

Appendix 4 - Word Lists by Language

Eye	-o-ki---	oh-kpalatal
Nose	nas--	n-ah-s
Mouth	bu-kə	b-u-k-aah
Mouth-Gula	gura	j-u-er-aah
Sun	soare-	s-midback_diphthong_romanian-er-ay
Moon	luna	l-u-n-aah
Star	-st-ea---	s-t-midfront_diphthong_romanian
Water	a-p-ə	ah-p-aah
Rain	ploa--je	p-l-midback_diphthong_romanian-jg-ay
River-Rivus	ri-w-	r-eee-w
Lake	lak--	l-ah-k
Sea	mare	m-ah-r-ay
Salt	sare-	s-ah-r-ay
Earth	ts-a-rə	VlAlveolarSibilantAffricate-ah-r-aah
Fog-Nebula	negura	n-ay-g-u-r-aah
Fog-Caecia	ŋeaf-ə	ts-midfront_diphthong_romanian-ts-aah
Sky	ŋ-er--	ts-ay-er
Wind	v-int--	v-eee-n-t
Ice	dzer-	VdPalatoAlveolarSibilant-ay-r
Smoke	fum--	f-u-m
Fire-Focus	f-ok--	f-oh-k
Year	an---	ah-n
Name-Nomen	nume-	n-u-m-ay
Tongue	'limb-ə	l-e-m-b-aah
ToDrink	b---ea--	b-midfront_diphthong_romanian
ToEat-Manducare	min--ka--	m-eee-n-k-ah
ToBite-Morsicare	murseka--	m-u-r-s-ay-k-ah
ToSuck	sudze--	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	-skujpa	s-k-u-jg-p-ah
ToKnow	ŋti--	shh-t-e
ToKnow-Cognoscere	ku-noafte--	k-u-n-midback_diphthong_romanian-shh-t-ay
ToThink	k-udgeta--	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pə-sa--	p-aah-s-ah
ToFear	teme--	t-ay-m-ay
ToSleep	d-ormi--	d-oh-r-m-e
ToLive	vi-a--	v-e-ah
ToDie	muri--	m-u-r-e
ToKill	n-eka--	n-ay-k-ah
ToKill-Occidere	u-ŋide--	u-ts-e-d-ay
ToFight-Battuere	bat-e--	b-ah-t-ay
ToHit	pulsa--	p-u-l-s-ah
ToCut-Excurtare	--skurta--	s-k-u-r-t-ah
ToCut-Taliare	tə--ja--	t-aah-jg-ah
ToSplit	divide--	d-e-v-e-d-ay
ToSplit-Separare	separa--	s-ay-p-ah-r-ah
ToStab	pundze--	p-u-n-VdPalatoAlveolarSibilant-ay
ToScratch	rade--	r-ah-d-ay
ToSwim-Navigare	naviga--	n-ah-v-e-g-ah
ToFly-Exvolare	zbura--	zz-b-u-er-ah
ToWalk-Mergere	merdze--	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome	veni--	v-ay-n-e
ToLieAsInABed	ekstinde--	ay-k-s-t-e-n-d-ay
ToLieAsInABed-lacere	zə-ŋea--	zz-aah-ts-midfront_diphthong_romanian
ToSit	ŋ-edea--	shh-ay-d-midfront_diphthong_romanian
ToStand	-sta--	s-t-ah
ToStand-Levare	l-ua--	l-u-ah
ToTurnIntransitive	turna--	t-u-r-n-ah

Appendix 4 - Word Lists by Language

ToTurnIntransitive-Torquere	toarŋe--	t-midback_diphthong_romanian-r-ts-ay
ToFall	kədeɹa--	k-aah-d-midfront_diphthong_romanian
ToHold	tsin-e--	VlAlveolarSibilantAffricate-e-n-ay
ToSqueeze	-sk-reme--	s-k-r-ay-m-ay
ToSqueeze-Stringere	strindʒe--	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub	freka--	f-r-ay-k-ah
ToWash	la----	l-ah
ToWipe-Extergere	--ŋterdʒe--	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	u-s--k-a--	u-s-k-ah
ToPull-Pulsare	pulsa--	p-u-l-s-ah
ToPull-Trahere	tradʒe--	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush	impindʒe--	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToThrow-Eruncare	a-runjka	ah-er-u-nya-k-ah
ToTie	lega--	l-ay-j-ah
ToSew	coɹa--s-e--	tya-midback_diphthong_romanian-s-ay
ToCount-Enumerare	-numara--	n-u-m-ah-r-ah
ToSay	ziŋe	zz-e-ts-ay
ToSay-Exponere	--spune	s-p-u-n-ay
ToSing-AncestralClass	kinta--	k-eee-n-t-ah
ToPlay-Jiocare	zu-ka--	gzah-u-k-ah
ToFloat	fluctua--	f-l-u-tya-t-u-ah
ToFlow-Excurrere	--skurdʒe--	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdʒe--	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ing-ets-a--	eee-n-j-ay-VlAlveolarSibilantAffricate-ah
ToBurn-Ardere	arde--	ah-er-d-ay
ToBurn-Incendere	inŋindʒe--	eee-n-ts-e-n-d-gzah-ay
ToBurn-AncestralClass8	ustura--	u-s-t-u-r-ah
All-Totus	to-t--	t-oh-t
Many	mult--	m-u-l-t
Other	alt---	ah-l-t
Big-Majjorem	ma---re	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	gro-s---	j-r-oh-s
Heavy	gre--w--	j-er-ay-w
Small-Pittinus	pu-tsin--	p-u-VlAlveolarSibilantAffricate-e-n
Narrow	ingust--	eee-nya-j-u-s-t
Narrow-Strictus	-str-im-t--	s-t-r-eee-m-t
Thin	mərunt--	m-aah-r-u-n-t
Thin-Subtilis	subtsire-	s-u-b-VlAlveolarSibilantAffricate-e-r-ay
Dry	sek---	s-ay-k
Right-Directus	drept	d-er-ay-p-t
Red	ro-ŋu-	er-oh-shh-u
Red-Rubeus	roj-b---	r-oj_diphthong-b
Green	ver-de-	v-ay-er-d-ay
Yellow	galben--	g-ah-l-b-ay-n
White	alb--	ah-l-b
One	unu-	u-n-u
Two-Duos	d-oj-	d-oj_diphthong
Two-Duae	dowə	d-oh-w-aah
Three	tr-ej-	t-r-ej_diphthong
Four	p-a-t--ru	p-ah-t-r-u
Five	ŋinŋf--	ts-e-n-ts
There	--la-	l-ah
Who-Quem	ŋf-inc	ts-e-n-ay

Appendix 4 - Word Lists by Language

What	ʃi-e-	ts-ay
When-Quando	k-ind	k-eee-n-d
How-Quomodo	kum---	k-u-m
Not	nu-	n-u
And-Et	e-	ay
And-Si	ʃi-	shh-e

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			c ɟ	k ^j g			
Sibilant, Fricative						s z	ʃ ʒ						
Fricative	β		f v		θ ð				ç ʝ	x ɣ	ʁ		h
Approximant								ɻ	j				
Tap/Flap						ɾ							
Trill						r					R		
Lateral, Fricative													
Lateral, Approximant						l			ʎ				
Lateral, Tap/Flap													

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

Non-Pulmonic Consonants

Manner	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
Near-close		ɪ		ʊ	
Close-mid	e • ø		ə		o
Mid					
Open-mid		œ • ɛ			ɔ
Near-open			ɐ		
Open		a			ɑ

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

Long Vowels

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

Pulmonic Affricates

Manner	Bilabial	Labio-Dental	Alveolar	Palato-Alveolar	Velar	Uvular	Pharyngeal Epiglottal	Glottal
Sibilant			ts	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
t Alveolar Pulmonic Stop Occlusive	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	a Open Near-Front Vocoid Vowel Continuant
ɾ Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	ɐ Near-open Central Rounded Vowel
œ Open-mid Near-Front Rounded Vocoid Vowel Continuant	ɛ Open-mid Near-Front Vocoid Vowel Continuant
l Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	r Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid
x Velar Pulmonic Fricative Obstruent Continuant	ʎ Palatal Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
ʁ Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid	iː Close Front Vocoid Long Vowel Continuant
ɲ Palatal Voiced Pulmonic Nasal Occlusive	o Mid Front Vowel Diphthong
h Glottal Pulmonic Fricative	ẽj Mid Front Nasal Vowel Diphthong
ɔ̃ Open-mid Back Rounded Nasal Vowel	ã Near-close Back Nasal Vowel
ĩ Close Front Nasal Vowel	ẽ Near-open Central Rounded Nasal Vowel
ʈʂ Palato-Alveolar Pulmonic Sibilant Affricate	ɨ Close Central Vowel

Appendix 5 - Segment Groups

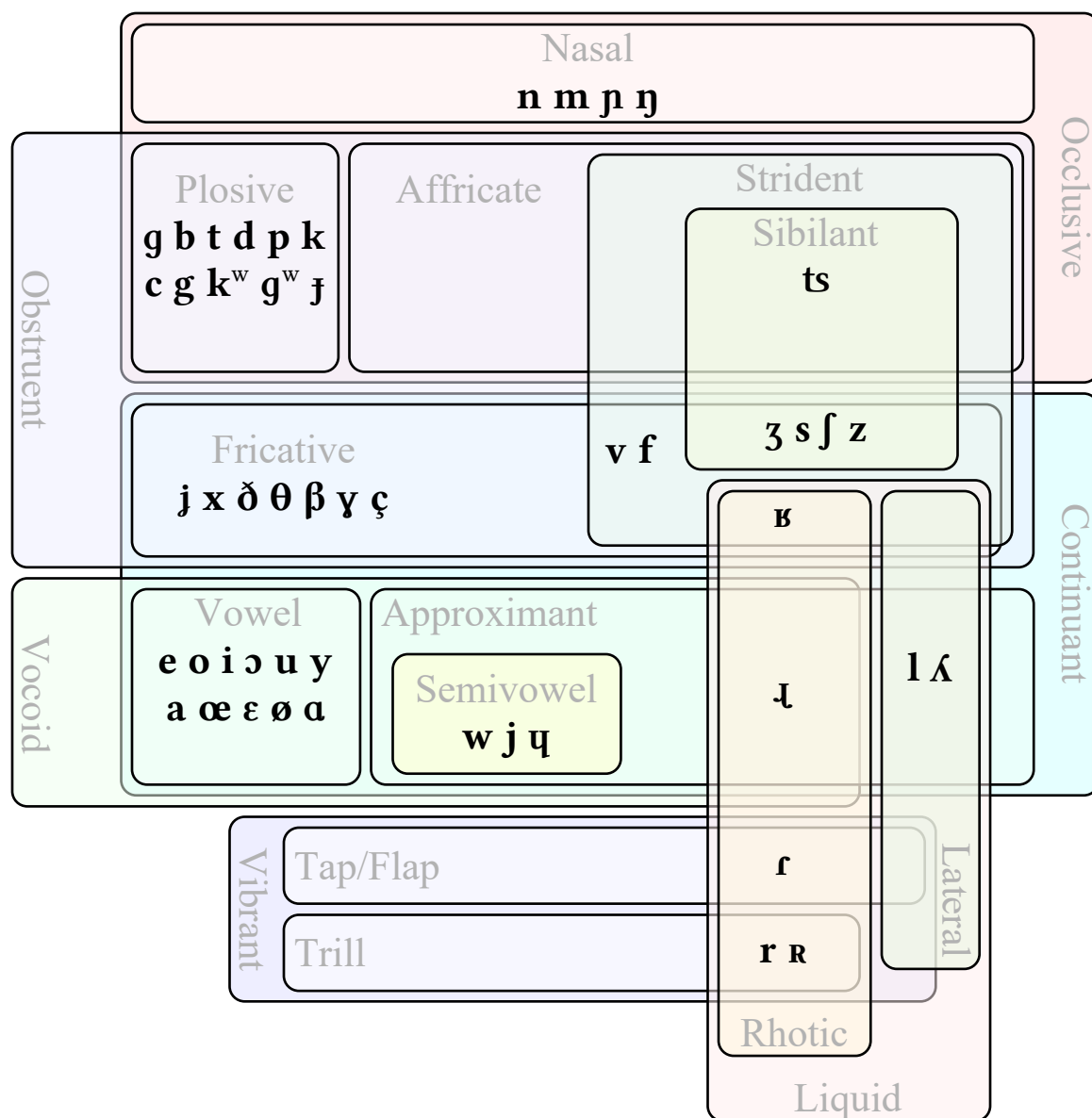
p Bilabial Pulmonic Stop Occlusive	z Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant
ð Dental Voiced Pulmonic Fricative Obstruent Continuant	k Velar Pulmonic Stop Occlusive
ts Alveolar Pulmonic Sibilant Affricate Occlusive Strident	a: Open Central Vowoid Long Vowel Continuant
ẽj Mid Front Nasal Vowel Diphthong	ʀ Uvular Pulmonic Trill Rhotic Vibrant Liquid
aj Mid Front Vowel Diphthong	ɛ: Open-mid Near-Front Vowoid 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 Close Back Nasal Vowel	β Bilabial Voiced Pulmonic Fricative Obstruent Continuant
ɭ Alveolar Voiced Velarized Pulmonic Lateral Approximant	ɥ Labial-Palatal Vowoid Semivowel Voiced Approximant Continuant
ø: Open Front Rounded Vowoid Long Vowel	a Mid Front Vowel Diphthong
ø Close-mid Front Rounded Vowoid Vowel Continuant	c Palatal Pulmonic Stop Occlusive
e ^ Mid Front Vowel Diphthong	k^j Velar Pulmonic Stop
g Velar Voiced Pulmonic Stop Occlusive	ɛj Mid Front Vowel Diphthong
k Labial-Velar Pulmonic Stop Occlusive	ɣ Velar Voiced Pulmonic Fricative Obstruent Continuant
ŋ Velar Voiced Pulmonic Nasal Occlusive	ɡ Labial-Velar Voiced Pulmonic Stop Occlusive
ẽ Mid Front Nasal Vowel Diphthong	ɑ Open Back Vowoid Vowel Continuant
ʃ Palatal Voiced Pulmonic Stop Occlusive	ẽ Open-mid Near-Front Nasal Vowel
ɔ: Open-mid Back Rounded Vowoid Long Vowel Continuant	ũ Open Back Nasal Vowel
ɭ Retroflex Vowoid Voiced Pulmonic Approximant Rhotic Liquid	ç Palatal Pulmonic Fricative Obstruent Continuant
ɑ: Open Back Long Vowel	ʝ Palatal Nasal Approximant
œ Open-mid Near-Front Rounded Nasal Vowel Diphthong	ʊ Near-close Near-Back Rounded Vowel

Appendix 5 - Segment Groups

ẽ

Mid Front Nasal Vowel Diphthong

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
ts	ɖʒ	j	ʒ
02A6 Alveolar Pulmonic Sibilant Affricate Occlusive Strident	02A4 Palato-Alveolar Voiced Sibilant Affricate	029D Palatal Voiced Pulmonic Fricative Obstruent Continuant	0292 Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant
ʎ	ʊ	ʃ	ʁ
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	0281 Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid
ʀ	ɾ	ɭ	ɲ
0280 Uvular Pulmonic Trill Rhotic Vibrant Liquid	027E Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	027B Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid	0272 Palatal Voiced Pulmonic Nasal Occlusive
ɭ	ɪ	ɨ	ɥ
026B Alveolar Voiced Velarized Pulmonic Lateral Approximant	026A Near-close Near-Front Vowel	0268 Close Central Vowel	0265 Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant
ʎ	ɡ	ʝ	ɛ
0263 Velar Voiced Pulmonic Fricative Obstruent Continuant	0261 Velar Voiced Pulmonic Stop Occlusive	025F Palatal Voiced Pulmonic Stop Occlusive	025B Open-mid Near-Front Vocoid Vowel Continuant
ə	ɔ	ɑ	ɐ
0259 Close-mid Central Vowel	0254 Open-mid Back Rounded Vocoid Vowel Continuant	0251 Open Back Vocoid Vowel Continuant	0250 Near-open Central Rounded Vowel

Appendix 7 - International Phonetic Alphabet

ũ	œ	ŋ	ĩ
0169 Open Back Nasal Vowel	0153 Open-mid Near-Front Rounded Vowel Continuant	014B Velar Voiced Pulmonic Nasal Occlusive	0129 Close Front Nasal Vowel
ø	õ	ð	ç
00F8 Close-mid Front Rounded Vowel Continuant	00F5 Close-mid Back Rounded Nasal Vowel	00F0 Dental Voiced Pulmonic Fricative Obstruent Continuant	00E7 Palatal Pulmonic Fricative Obstruent Continuant
ʒ	y	x	w
007A Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	0079 Close Front Rounded Vowel Continuant	0078 Velar Pulmonic Fricative Obstruent Continuant	0077 Labial-Velar Vowel Semivowel Voiced Approximant Continuant
v	u	t	s
0076 Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant	0075 Close Back Rounded Vowel Continuant	0074 Alveolar Pulmonic Stop Occlusive	0073 Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant
r	p	o	n
0072 Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	0070 Bilabial Pulmonic Stop Occlusive	006F Close-mid Back Rounded Vowel Continuant	006E Alveolar Voiced Pulmonic Nasal Occlusive
m	l	k	j
006D Bilabial Voiced Pulmonic Nasal Occlusive	006C Alveolar Vowel Voiced Pulmonic Lateral Approximant Rhotic Liquid	006B Velar Pulmonic Stop Occlusive	006A Palatal Vowel Semivowel Voiced Pulmonic Approximant Continuant
i	h	g	f
0069 Close Front Vowel Vowel Continuant	0068 Glottal Pulmonic Fricative	0067 Velar Voiced Pulmonic Stop Occlusive	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant

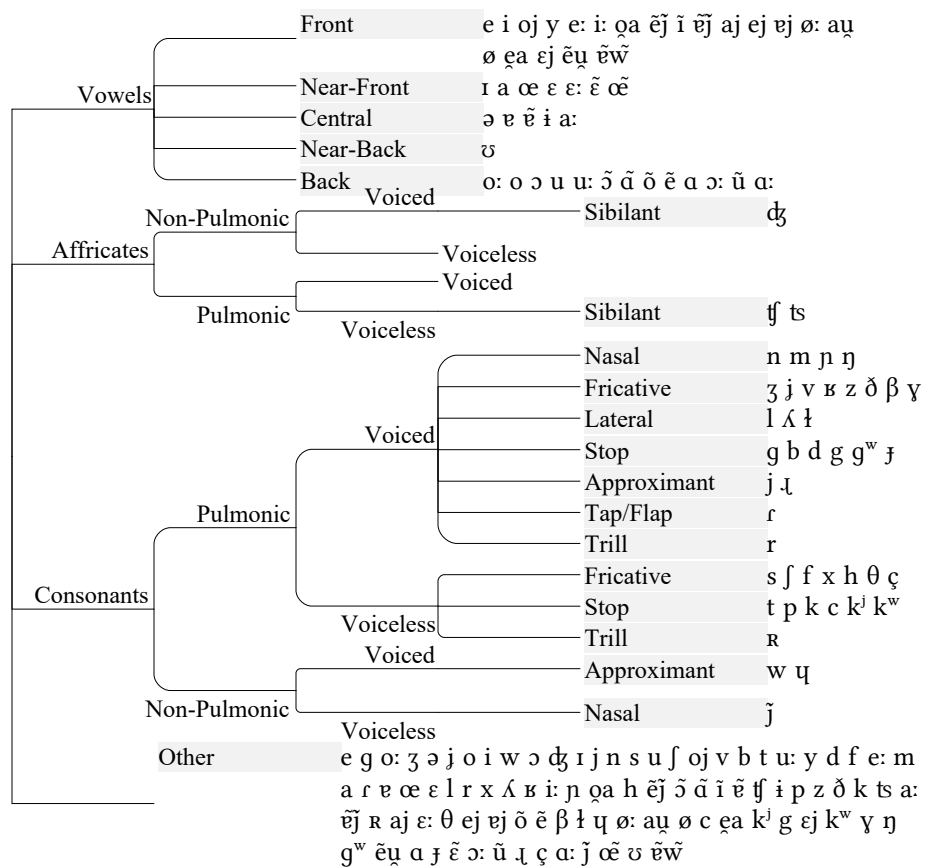
Appendix 7 - International Phonetic Alphabet

e	d	c	b
0065 Close-mid Front Vocoid Vowel Continuant	0064 Alveolar Voiced Pulmonic Stop Occlusive	0063 Palatal Pulmonic Stop Occlusive	0062 Bilabial Voiced Pulmonic Stop Occlusive
a	g^w	ẽ	ɛː
0061 Open Near-Front Vocoid Vowel Continuant	0261, 02B7 Labial-Velar Voiced Pulmonic Stop Occlusive	025B, 0303 Open-mid Near-Front Nasal Vowel	025B, 02D0 Open-mid Near-Front Vocoid Long Vowel Continuant
ɛj	õ	ɔː	ã
025B, 006A Mid Front Vowel Diphthong	0254, 0303 Open-mid Back Rounded Nasal Vowel	0254, 02D0 Open-mid Back Rounded Vocoid Long Vowel Continuant	0251, 0303 Near-close Back Nasal Vowel
ɑː	ẽ	ɐj	œ̃
0251, 02D0 Open Back Long Vowel	0250, 0303 Near-open Central Rounded Nasal Vowel	0250, 006A Mid Front Vowel Diphthong	0153, 0303 Open-mid Near-Front Rounded Nasal Vowel Diphthong
øː	uː	oː	oj
00F8, 02D0 Open Front Rounded Vocoid Long Vowel	0075, 02D0 Close Back Rounded Long Vowel	006F, 02D0 Mid Back Rounded Vocoid Long Vowel Continuant	006F, 006A Mid Front Vowel Diphthong
k^w	k^j	ĩ	iː
006B, 02B7 Labial-Velar Pulmonic Stop Occlusive	006B, 02B2 Velar Pulmonic Stop	006A, 0303 Palatal Nasal Approximant	0069, 02D0 Close Front Vocoid Long Vowel Continuant
eː	ej	aː	aj
0065, 02D0 Mid Front Vocoid Long Vowel Continuant	0065, 006A Mid Front Vowel Diphthong	0061, 02D0 Open Central Vocoid Long Vowel Continuant	0061, 006A Mid Front Vowel Diphthong

Appendix 7 - International Phonetic Alphabet

ẽu	ẽj	ɔa	ɛa
1EBD, 0075, 032F Mid Front Nasal Vowel Diphthong	1EBD, 006A, 0303 Mid Front Nasal Vowel Diphthong	006F, 032F, 0061 Mid Front Vowel Diphthong	0065, 032F, 0061 Mid Front Vowel Diphthong
au	ẽw	ẽj	
0061, 0075, 032F Mid Front Vowel Diphthong	0250, 0303, 0077, 0303 Mid Front Nasal Vowel Diphthong	0250, 0303, 006A, 0303 Mid Front Nasal Vowel Diphthong	

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
ˊ	High tone	◌̡	High rising tone	◌̦	Aspirated
◌̣	Palatalized	◌̤	Creaky voiced	ˋ	Low tone
◌̤	Lateral release	-	Mid tone	◌̥	Laminal
◌̥	Linguo-Labial	◌̦	Nasal release	◌̦	More rounded
◌̦	Lowered	◌̧	Retracted tongue root	↗	Global rise
◌̧	Rising falling tone	◌̨	Raised	˚	Extra high tone
◌̨	Breathy voiced	◌̩	Voiced	◌̩	Labialized
◌̩	Extra short	◌̪	Mid-centralized	↓	Down-step
↑	Up-step	◌̫	Long	◌̬	Half-long
	Indeterminacy in french vowels		Begin Non-segmental notation		End non-segmental notation
◌̬	Voiced epiglottal fricative	!	Post-alveolar click		Minor group
	Dental click		Major group		Alveolar lateral click
◌̭	Palatal click	◌̮	Voiceless descender	-	Combining macron
◌̮	Tie-bar below	◌̯	Tie-bar above	◌̰	Ready made combination
→	Becomes		Separator		

Appendix 10 - Languages

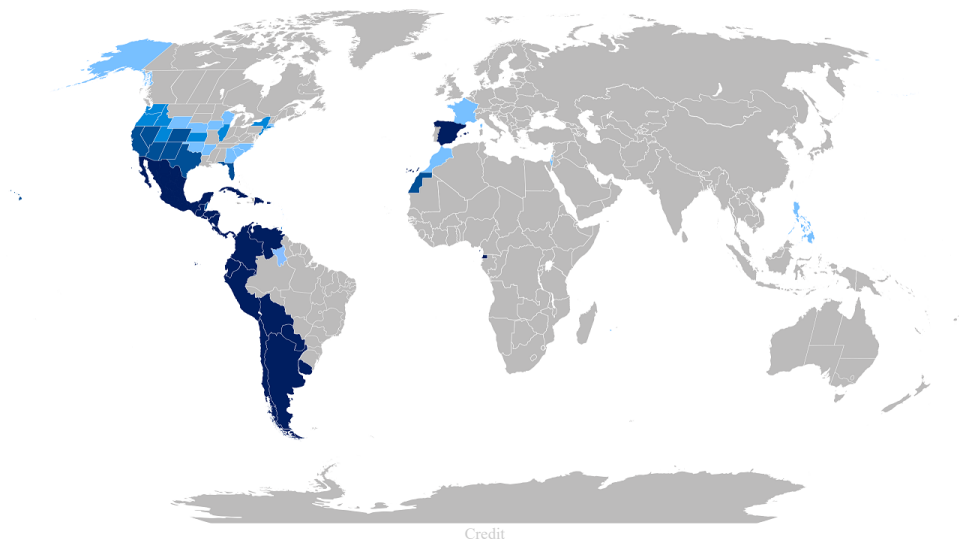
Latin



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

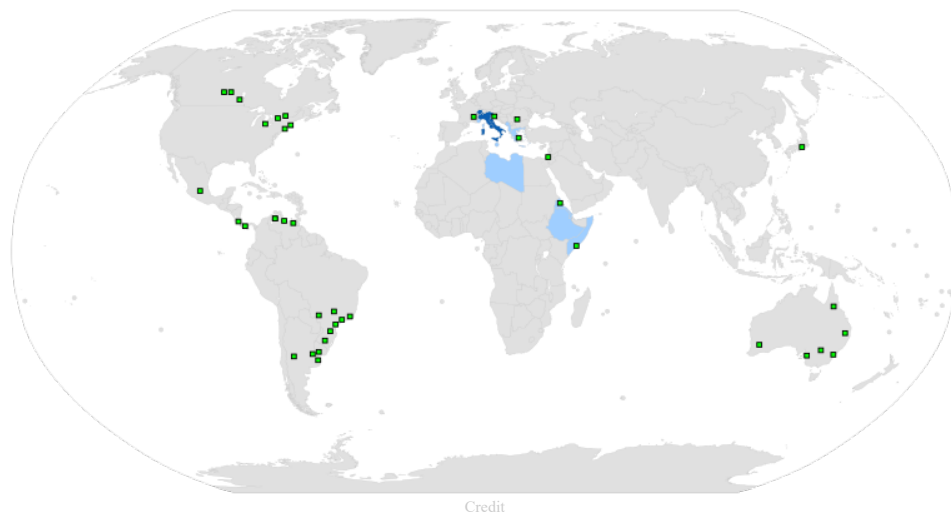
By the late Roman Republic (75 BC), Old Latin had been standardised into Classical Latin. Vulgar Latin was the colloquial form spoken at that time and attested in inscriptions and the works of comic playwrights like Plautus and Terence[3] and author Petronius. Late Latin is the written language from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

Spanish



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

Italian



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

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

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

Appendix 10 - Languages

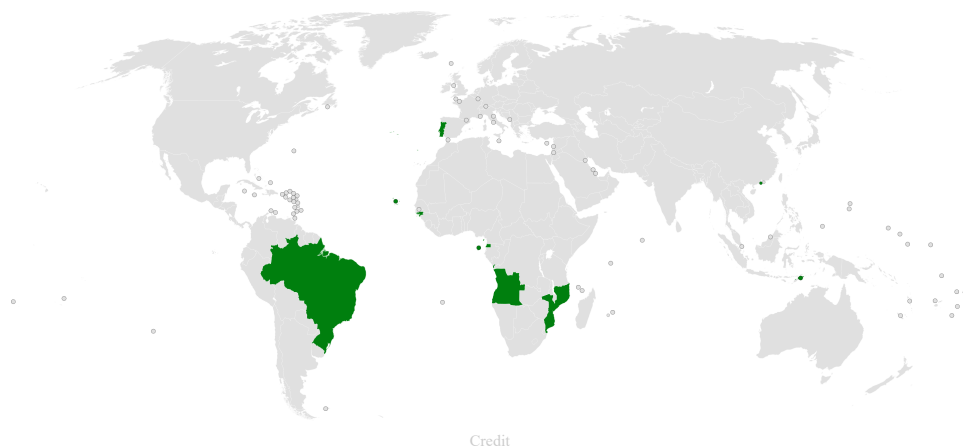
languages covered by the European Charter for Regional or Minority languages in Bosnia and Herzegovina and in Romania, although Italian is neither a co-official nor a protected language in these countries. Many speakers of Italian are native bilinguals of both Italian (either in its standard form or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

Brazilian Portuguese



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

Portuguese



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

Appendix 10 - Languages

Catalan



Credit

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

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

Walloon



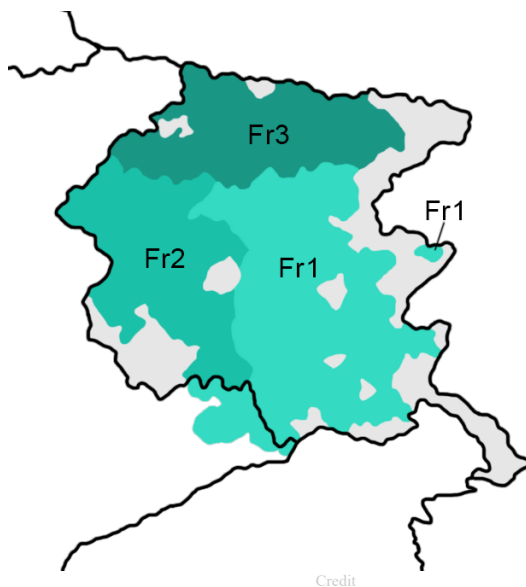
Credit

Appendix 10 - Languages

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

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

Friulian



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".