# ALDHELM AND IRISH LEARNING 

## I. ALDHELM'S LETTER TO HEAHFRITH

Aldhelm, the first man among all Germanic peoples to become a Latin author, the earliest English Latin writer of both verse and prose, one of the finest English Latin and Old English poets, was the most distinguished alumnus of the school of Theodore and Hadrian at Canterbury. His most widely diffused letter attempts to dissuade an Englishman named Heahfrith from studying in Ireland by extolling the virtues of Theodore Archbishop of Canterbury and Hadrian Abbot of Sts Peter and Paul Canterbury and displaying the sort of learning transmitted in their school.

The text of the letter which follows may be compared with Ehwald's, ${ }^{1}$ from which it differs only in a few particulars. First, in the Salutation 1 for the recipient's name read not Ehfrido (Ehwald p. 488 1.2) but etymologically correct Heahfrido, as in London, British Library MS Cotton Domitian IX f. 3, reported by Ehwald as heafrido (with which compare Haehfrido in BL MS Royal 6 A VI f. 5, reported by Ehwald as hachfrido). Second, in line 8 (Ehwald p. 489 l. 1) for protopla $\langle u\rangle$ storum read protoplastorum. Third, in line 64 the names Tunning Tatfria (bracketed in Ehwald p. 490 1. 16) should be treated not as part of the original letter but as glosses. Fourth, in line 68 the words bis ternasque should be separated, not run together (as in Ehwald p. 490 Il. 17-8). Fifth, in line 124 for Ehwald's cur (p. 492 1. 9) retain the manuscript spelling quur, which alliterates with the preceding line 123 quatiens and the following line 125 quo. Sixth, at line 151 the words beatae memoriae

[^0](bracketed in Ehwald p. 493 1l. 3-4) should be omitted as a later addition, since the letter speaks of Theodore as alive and well. Seventh, at the end of paragraph A' (Ehwald p. 494 line I) the word digna should be read as the last word of the prose, not the first word of the verses; the remaining words of Ehwald's unscannable line should be split into a heptasyllabic couplet. Eighth, an elegiac couplet relegated to the apparatus by Ehwald should be included at the end of the verses.

I have arranged the letter per cola et commata and marked the cursus rhythms. Capital letters and punctuation marks in boldface represent features of the Royal manuscript. Those in square brackets represent features of the Cotton manuscript not found in the Royal manuscript. Those in round brackets represent features of Oxford, Bodleian Library MS Digby 146 folios $95 \mathrm{v}-100$ not found in the Royal or the Cotton manuscript. Underlinings suggest possible alliteration, and italics suggest possible rhyme.

DOMINO VENERABILI PRAECÓNIO ÈFFERÉNDO
ET SANCTORUM MERITIS MAGNÓPERE HÒNORÁNDO (.)
HéAHFRIDO ÁLDHELMUS EXIGUUS IN DÓMINO AETÉRNAM SALÚTEM ;

[^1]Postquam uestram repedantem istuc ambrósiam ..... 20ex Hibemiae brumosis circionis insulae climátibus.Ubi ter bino circiter annórum circulo [.]uber sofiae súgens metabátur .Territorii marginem Britannici sospitem ápplicuísse [.]rumigerulis referéntibus compérimus .25
Ilico ut flammiger flagransque flagitabat amor [? 1. ámor flagitábat] [.]ineffabiles Altithrono grates pánsis in éditoutrimque uolis tripudiántes obtúlimus.
Potissimum quod te exulem $\underline{A} 1 m u s$ Árbiter
priscam paterni uisitantem clientelam ruris [? 1. rúris clientélam] [.] ..... 30
caerula tráns ponti glaúca [.]
inormesque dodrántium gláreas [.]
atque spumiferas limphae óbstirpationes
circili carina procellósum sulcànte sálum [,]reducere ouante nauárco dignátus est.35
Ut ubi dudum incunabulis tirocinii éditus rúdibus adulto tenus . pubertatis aéuo adoléueras .
Nunc uersa uice superna opitulanti praerogatiua áffatim fúltus [.] ab incolatu externi rúris [.] repátrians [.] praeceptoris uocamine indepto sortitoque frétus fungáris; ..... 40
C Illud aeque almitati beatitudinis uestrae ex penetrálibus praecórdiinequaquam promens dissímulo pròpaláre
ad augmentum simmistis mistisque qut réor tripúdii .
immo ad doxam onomatis cyrii magnopere inoleuísse [.] quod praeconio citra módum rumóris ..... 45
Scottico in sólo degéntium (.)
quorum contubernio parúmper frétus es.
(C)eu tonitruali quodam boatu fragore nimbóso emergéntiauditus nóstri quatiúntur .
Et per tot tantaque telluris stádia lèctiónis ..... 50
opinio pagis prouinciisque deuulgáta crebréscit .
[S]iquidem tam créber meátus est .
ístinc illincque [.] istuc illúcque [.]
nauigero aequoreas fretantium cálle gúrgites
uelut quaedam contribula apium germanitas nectar fabre cónficiéntium . ..... 55
D Nam quemadmodum alternátim recíproca
facessante nóctis nébula
mellífluum exámen .
Emergente axe tenus aéquore Titáneglescentium culmina tiliárum per flòrulénta [.]60
ad crates gráciles sàrcinátum
flaua baiolans gestámina ásportat :
Eodem módo ni fállor
lurconum conglobátio lectórum [.] [Tunning Tatfrio]
ac residua sagax discipulórum catérua ..... 65florigeris agiógraphae ex áruis .Non solum artes grammaticas atque géométricasbis ternasque omissas fisicae ạrtis machinas .
Quin ímmo allegóricae pòtióra
ac tropologicae disputationis bipertita bís orácula ..... 70
aethralibus opacórum méllita .
In aenigmátibus problématum
siticulose sumèntes cárpunt .
et in alueáriis sofiaeLugi méditatióne (.)75
(L)etotenus seruánda condèntes ábdunt .
E guórum catálogo
tuam proficisci solertiam praéda onústam [.]
atque torrentis fluentis sacrosáncti propinátam redundantemque excellens fäma percrébruit . ..... 80
E Quam ob rem tuum affabilem discipulatum [? 1. discipulatum affábilem] ceu cernuus singultatim arcuátis poplítibussubnixisque précibus efflágito [.]ut oblitterata nequaquam memória excédat.guod Pacificus caelitus ambrósia praéditus85subrogatus genitore iure heréditário [.]bis quaternis témporum lústris [.]
Israhelitici plebis impérii scèptro fúngens .
Almo auctus Spirámine pròmpsit dicens .
F Bibe aquam de cisterna tua [.] et fluenta putei tui [:] ..... 90
diriuentur fontes tui foras. et in plateis aquas diuide : solus habeto eas [.] nec sint alieni participes tui ;
E' Quapropter his sacris imbútus sagminibusiugi conamine orthodoxiae aperito gúrgitem [.]et sitientia rigato árua méntium;95
Quatinus germen aethrális extáseos
uiuis fecundisque in orthodoxorum satóris sudòre súlcis
satum nullo torridae obstaculo siccitatis obtinente púlulans gléscat.
Et ubertim spissa Dei suffragio seges démum maturéscat.
D' Nam idcirco supplex tam obnixe . haec cernitur orámen suggessisse : ..... 100
Quod nonnulli superna noscuntur sofia praéditi. et arcana luce inórmiter reférti.
(A)ttamen quod gratuita caelitus múnificéntia .
Deique dapsili deditióne receptántes
proprio facessante meritorum quaéstu adépti sunt . ..... 105
Nequaquam gazofilacio scientiae reserato pléne promulgántes. sed particulatim lurcónibus làrgiéntes . Nam cata euangelicae experiméntum aunctòritátis . nequaquam flágrans lichinus
clancule fuscata tetrae occulitur látebra úrnae . 110
qui candelabri summitate cunctis limpido lumine lucére décuit ;
Necnon frustra talenti foenora subterraneis clanculantur obstrúcta sablónibus [.]
quae trapezitarum numerosis monetae oportuissent nummismátibus pròfligári .
Ne forte ut iners adepto segnitia torpens mancípium talénto :
suppremos ergastulorum in squalores trusus praecipitarétur :
Sed potius eúax eugéque .
ingressurus tripudium a prosatore pio prómereátur ;
Unde psalmigrafus uátes
gb hoc propriae piaculi expians flagitium cónsciéntiae.
sacro praeságio òrsus ínfit .120

Iustitiam tuam non abscondi . Et reliqua;
$C^{\prime}$ Sed haec miséllus homúncio
dictando uoluens scrupulo ancipiti extemplo quátiens angébar :
Quúr inquam Hibémia ()
quo cateruatim istinc lectitantes classibus áduecti cónfluunt 125 ineffabili quodam priuilégio èfferátur .
(A)csi istic fecundo Británniae in céspite
dedasculi Argiui Romániue (;) Quirítes
reperiri mínime quéant.
Qui caelestis tetrica enodantes bibliothécae problémata
sciolis reserare se sciscitántibus uáleant;
Quamuis enim praedictum Hiberniae rus discentium ópulans uérnansque. ut ita dixerim
pascuosa numerositáte lectórum.
quemadmodum póli cárdines 135
astriferis micantium uibraminibus siderum ornétur :
Ast tamen clímatis Británnia
occidui in extremo ferme orbis márgine pósita.
uérbi grátia . ceu sólis flammigeri [.]
et luculento lunae specímine pòtiátur :
id est Theodóro [.]
infula pontificátus fungénti .
ab ipso tirocinio rúdimentórum
in flore philosophicae ártis adúlto .
[N]ecnon et eiusdem sodalitátis cliénte 145
Hadriáno dúmtaxat
urbanitate (.) enucleata ineffabiliter praédito.
$\mathrm{B}^{\prime} \mathrm{Et}$ audácter in propátulo
contestans pellaci falsitatis fríbulo neglécto:
aequa ueritatis censura trutinánte discérnam.
Etiámsi [beatae memoriae] Theodórus . summi sacerdotii gubernácula régens [.]
Hibernensium glóbo discìpulórum .
ceu áper truculéntus
molosorum catasta ringente uallátus stipétur ..... 155
limato perniciter grammático dénte
iactura dispéndii cárens
rebelles falánges díscutit .
Et utpote belliger in meditullio cámpi árcister
legionum falangibus saeptus aemulorum spissis [? 1. spíssis aemulórum] . ..... 160
Mox neruosis tenso lacertórum uolis árcu [.] spiculisque ex farétra exémptis . hoc est chronographiae opacis . acútisque sỳllogismis . turma supercilii tỳfo túrgens amissa ancilium téstúdine tèrga dántes ..... 165
latebras antrorum atras triumphánte uictóre [.] praeprópere pétunt.
$\mathrm{A}^{\prime}$ Neu tamen haéc philosophándo
Scótticos sciolos [.]
quorum gemmato tua sagacitas dógmatum fáuo .170
aliquántisper abbúsa est [.]
sugillare a quóquam aútumer .
Quippe cum satagerem praeconium cudens affabiliter téxere [.] nostrórum[ N ]on sugillationem ridiculose cachinnans rumigeráre uestrórum.
Sed potius iocistae scúrraeque rítu175
dicacitate temerária loquéntium [.]fraternae hironia dilectionis obtentu cáuillabátur .Si uero quippian inscitia suppeditánte [.] gárrulafrontose conuincitur página prompsisse [.]ut uersídicus àit : Dígna :180Fiat fante Glingiogurgo fugax fambulo .
Neu timeat scriptor terrentis ludicra linguae. Sic semper cupiunt scriptorum carpere cartas. Ut caper hirsutus rodet cum dente (.) racemos . ..... 185
Nec tamen emendant titubantis gramma poetae. Arbiter aeternus tibi iam miserescat in aeuum . Fulgens diuitiis semper et ore claruS . ..... 188

Aldhelm, meagre in the Lord, wishes eternal salvation to Master Heahfrith (who is) to be extolled for his venerable renown and greatly honoured according to the merits of the saints.
A Principally, with particularly pious and paternal privilege, publicly proferring beneath the pole panegyric and poems promiscuously to the Procreator of all princes and praetors, let us raise a hymn in measured rhythms with a loud blending of voices and with song of melodious music, especially because He who thrust into Tartarus of terrible torture the ghastly threetongued serpent who vomits torrents of rank and virulent poisons through the ages deigned in like measure to send to earth the offspring begotten of holy parturition in order to obliterate from the earth the criminal offence
of first matter and the record of the first men on account of their inextricable sin; and (because), where once the crude pillars of the same foul snake and the stag were worshipped with coarse stupidity in profane shrines, in their place dwellings for students, not to mention holy houses of prayer, are constructed skilfully by the talents of the architect.
B I confess, fellow of fraternal companionship and inhabitant of a noble community, that, after we learned from the reports of talebearers that your Ambrosia [i.e. your Wisdom], returning hither from the wintry regions of the north-west part of the island of Ireland - where it encamped for a course of thrice-two years sucking the teat of wisdom - embraced the shore of British territory safe and sound, straightway, as a flaming and burning love required, we offered our inexpressible thanks to the Highthroned in Heaven, exulting with palms extended on either side, especially because the Holy Judge deigned to lead you back - an exile visiting the venerable brotherhood of your paternal country - across the blue of the sea and the enormous rocks of the tides and the spuming eruptions of the water, with your ashen boat ploughing the billowy brine and the captain rejoicing, so that now, in turn, supported abundantly by succouring favour from on high, you may confidently pursue and achieve your destined vocation as a teacher, repatriating after your residence in a foreign country, where, nourished for a long time in the first cradles of learning, you grew up to the age of young manhood.
C Likewise I do not hesitate in the least to disclose from the depths of my heart to your propitious Blessedness that this [i.e. your return] has come about especially for the increase of joy among deacons and priests, nay rather, for the glory of the name of the Lord, because - rumour aside by the proclamation of those dwelling on Irish soil, on whose companionship you relied for a little while, was our hearing shaken, as if by a kind of bellow of thunder issuing from a clashing of clouds, and common opinion bruited it abroad through so many and such large measures of the land of learning and to the parishes and provinces that the wandering hither and thither and back and forth of those traversing the abysses of the sea on ship-path is as busy as a kind of kindred swarm of bees skilfully manufacturing (their) nectar.
D For just as the honey-flowing swarm (of bees) - when the mist of night departs in its course and Titan [i.e. the sun] emerges from the sea up to the peak of heaven - clothed in yellow vestments carries its burden through the flowering tops of blooming lindens to the graceful honey-combs, in like fashion, if I am not mistaken, a mass of ravenous scholars and an avid throng of sagacious students, the residue from the rich fields of Holy Writ, thirstily seize and swallow not only the grammatical and geometrical arts — to say nothing of the thrice-three scaffolds of the art of physics - but also, the fourfold honeyed oracles of allegorical or rather tropological disputation of opaque problems in aetherial mysteries, conceal and store them away to be conserved until death with perpetual meditation in the beehives
of learning, from the catalogue of which an excellent report has bruited it that your Sagacity emerged burdened with booty and drenched and overflowing with floods of the sacred torrent.
E Wherefore I entreat your kindly Discipleship, as one bowing and genuflecting with sobs and with earnest prayers, that a forgetful memory not pass over the fact that Pacificus [i.e. Solomon] endowed with ambrosia [i.e. wisdom] from heaven, having been chosen by his father according to the law of succession, exercising rule over the empire of the Israelite people for twice-four lustra of time [i.e, about forty years], being filled with the Holy Spirit, spoke, saying :
F 'Drink water out of thy own cistern and the streams of thy own well; let thy fountains be conveyed abroad, and in the streets divide thy waters; keep them to thyself alone, neither let strangers be partakers with thee'.
E' Wherefore, since you are imbued through persistent effort with this holy food of orthodox teaching, open your throat and moisten the thirsting fields of the mind, so that the seed of heavenly ecstasy, sown by the sweat of the Creator, may swell and blossom in the living and fertile furrows of the orthodox without hindrance of parching drought, and that the thickly sown crop at length come richly to fruition by the will of God.
$D^{\prime}$ Therefore, such a resolutely suppliant prayer seems to have adduced these things, because some are known to be endowed with heavenly wisdom and unusually replete with hidden light; nevertheless, what they have attained by receiving from the spontaneous generosity of heaven and the bountiful bequest of God, without benefit of their own merits, they in no wise publish fully by unlocking the treasury of knowledge, but dole out bit by bit to the ravenous! For according to the example of evangelical authority, to no purpose is the burning wick secretly hidden in the dark recess of the loathsome urn which was supposed to shine to all from the end of a candlestick with limpid light; and in vain are the profits of the talent barricaded and concealed in subterranean sands, which should have been spent for the plentiful pieces of the changers of money, lest perchance the slothful man, numb, so to speak, with sluggishness, after having received the talent of his masters, be thrust headlong into the utmost filth of prisons; but rather - let us rejoice ! - let him merit from the Holy Creator to enter into joy. Whence for this reason, the prophetic psalmwriter expiating his guilty conscience of sin, commencing with sacred presage, declared : 'I have not hid thy justice,' etc.
$\mathrm{C}^{\text { }}$ But I, wretched little man, meditating upon these matters as I wrote, was forthwith troubled and trembled with a twofold anxiety. Why, I ask, is Ireland, whither assemble the thronging students by the fleetload, exalted with a sort of ineffable privilege, as if here in the fertile soil of Britain, teachers who are citizens of Greece and Rome cannot be found, who are able to unlock and unravel the murky mysteries of the heavenly library to the scholars who are eager to study them? Although the foresaid opulent and verdant country of Ireland is adorned, so to speak, with a browsing crowd of scholars, just as the hinges of heaven are decorated with stellar
flashings of twinkling stars, yet nonetheless, Britain, although situated in almost the outer limit of the western world, possesses, for example, the luculent likeness, as it were, of the flaming sun and the moon, that is, Theodore, who discharges the duties of the pontificate and was from the very beginnings of his apprenticeship mature in the flower of the arts of learning, and his colleague of the same sodality, Hadrian, equally endowed with ineffably pure urbanity.
$\mathrm{B}^{\prime}$ And boldly fighting in the open against the worthless and despised seducer of falseness, with a balanced view of the truth, shall I pronounce judgement : although Theodore, who pilots the helm of the high priesthood, be hemmed in by a mass of Irish students, like a savage wild boar checked by a snarling pack of hounds, with the filed tooth of the grammarian nimbly and with no loss of time - he disbands the rebel phalanxes; and just as the warlike bowman in the midst of battle is hemmed in by a dense formation of enemy legions, then, when his bow is tensed by his powerful hands and arms and arrows are drawn from the quiver, that is, from the obscure and acute syllogisms of chronography, the throng, swollen with the arrogance of pride, their shield-wall having been shattered, turn their backs and flee headlong to the dark recesses of their caves, while the victor exults.
$A^{\prime}$ Nor by asserting such things, should I be accused by someone of insulting Irish savants - whose bejewelled honeycomb of doctrine your Wisdom has somewhat over-employed - especially as I meant to busy myself with building and forging in good humour the reputation of our own (scholars), not with heaping derisive and scomful abuse on yours ! But rather, after the fashion of jesters and buffoons, who speak with rash wit (and) mockery, and with the excuse of fraternal affection, was my raillery put forward. If indeed, with the support of prating ignorance, a text can be shamelessly proved to have prompted it, as the versifier said:

In the words of Glengus, a fleeing rhetor is worthy of enslavement. ${ }^{2}$ Let not the writer fear the sport of abusive tongues.
Thus they always hope to pluck the pages of poets, As the hairy goat chews the grapes with his teeth. Nonetheless, they don't emend a letter of the reeling bard. ${ }^{3}$

Arrangement of the text per cola et commata draws attention to several features of Aldhelm's composition. First, his prose is relentlessly rhythmical. Only four of the lines, $2 \%$ of the total, do not exhibit one of six cursus rhythms: planus, aetérnam

[^2]salútem; tardus, Héahfrido Áldhelmus; uelox, praecónio èfferéndo ; medius, municipátus múniceps; trispondiacus, pólo promulgántes; and dispondeus dactylicus, exigutus in Dómino. By reversing the order of the last two words one might make all four of the unrhythmical lines conform, but there are other explanations for the order retained here.

Second, Aldhelm's prose is spectacularly alliterative. In the very first sentence, of the first sixteen words fifteen alliterate on p. Line 4 alliterates symmetrically $s$ - $u$-s. Line 5 alliterates chiastically vowel-m-c-c-m-vowel. In lines 6-7 note praecipue - puerperae - sobolem - ob - inextricabile - sons protoplastorum - piaculum. Often the last word of a line alliterates with the next, as 7-8 piaculum - priscorum, or 12-3 torrentia - tetrae tortionis in tartara trusit. Sometimes a single line has two alliterating pairs, as 10 terris tantundem destinare dignatus. Only ten lines do not exhibit these forms of alliteration.

Third, many lines rhyme, variously from only one or two letters, as 7-8-9 sobolem - piaculum - oblitteraturum; to three letters, as 1 efferendo - honorando or 40-5 fungaris praecordii - propalare - tripudii - inoleuisse - rumoris ; to four or five letters, as 98-9 glescat - maturescat or 105-6 promulgantes - largientes; or even seven letters, as 173-4 nostrorum - uestrorum.

Aldhelm has fixed the order of statement and restatement of words and ideas in a series of parallel and chiastic patterns. Beginning with the first word of the letter proper a first parallelism connects paragraphs A-B.

| 2 | primitus | 20 | postquam |
| ---: | :---: | :---: | :---: |
| 3 | potissimum | 29 | potissimum |
| 3 | paternoque | 30 | paterni |
| 10 | terris | 31 | caerula trans ponti glauca |
| 10 | dignatus est | 35 | dignatus est |
| 16 | uersa uice | 38 | uersa uice |

In the first line after the initial alliteration on $p$ a first chiasmus begins, also connecting paragraphs A-B.

```
uocum
aeuum
et ubi pridem
                almae
                altique
                    repedantem ... ex Hiberniae circionis insulae climatibus
                    territorii marginem Britannici sospitem applicuisse
                    Altithrono
                Almus
                ut ubi dudum
        aeuo
        uocamine
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Immediately after uersa uice 16 a second parallelism more comprehensively connects paragraphs A-D'

| 16 | discipulorum | 65 | discipulorum |
| :--- | :---: | ---: | :---: |
| 17 | oraminum | 70 | oracula |
| 20 | ambrosiam | 85 | ambrosia |
| 22 | ter bino annorum circulo | 87 | bis quaternis temporum lustris |
| 29 | Almus Arbiter | 89 | Almo Spiramine |
| 33 | limphae | 90 | aquam |
| 44 | doxam | 94 | orthodoxiae |
| 64 | lurconum | 107 | lurconibus |

In the same line in which the first chiasmus ends a second begins, more comprehensively connecting paragraphs $\mathrm{B}-\mathrm{E}$.

## 40 fungaris

42 nequaquam
51 crebrescit
55 quaedam contribula apium germanitas nectar fabre conficientium
58 mellifluum
60 florulenta
64 conglobatio
64 lectorum
65 ac
65 discipulorum
65 caterua
66 florigeris
71 mellita
74-6 in alueariis ... seruanda ... abdunt
80 percrebruit
84 nequaquam
88 fungens

Another chiasmus connects the entire first half of the letter, paragraphs A-E.

9 oblitteraturum
12 torrentia
17 conduntur
23 sofiae
29 potissimum
48 emergenti
50 telluris
51 crebrescit
52 creber
54 aequoreas gurgites
59 emergente
69 potiora
74 sofiae
76 condentes
79 torrentis
84 oblitterata

Another chiasmus connects the second half of the letter, paragraphs D-A.'

116 sed potius
131 sciolis
144 philosophicae
154-5 aper truculentus molosorum catasta ringente uallatus
159-60 belliger in meditullio campi arcister legionum falangibus saeptus aemulorum spissis
168 philosophando
169 sciolos
175 sed potius

Yet another chiasmus connects the second half of the letter, paragraphs D-A.

120 infit (followed by a quotation from Psalm XXXIX 11)
124 Hibemia
127-8 Britanniae ... Argiui Romaniue Quirites
132 Hiberniae
137-51 Britannia ... Theodoro ... Hadriano ... Theodorus
153 Hibernensium
180 ait digna (followed by verses)

Finally a grand chiasmus connects the entire letter.

```
aeternam
poemataque
    fratemae
        Hibemiae
            ineffabiles
                        clientelam
                adulto
                    superna
                        nam
                            glescentium
                                aethralibus
                                siticulose
                                iugi
                                    sacrosancti
                                    quam ob rem
                                    bibe aquam de cistema tua et fluenta putei tui
                                    diriuentur
                                    fontes tui
                                    foras
                                    et
                                    in plateis
                                    aquas
                                    diuide
                                    solus habeto eas nec sint alieni participes tui
                                    quapropter
                                    sacris
                                iugi
                                sitientia
                                aethralis
                            glescat
                    nam
                    superna
                adulto
                cliente
                ineffabiliter
                Hibernensium
            fraternae
            uersidicus
    aeternus
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In the following analysis a reader should bear in mind a tradition of composition, well attested in the Masoretic text of the Old Testament and the Greek text of the New Testament and perfectly reproduced in Jerome's Vulgate, in which authors
dispose lines, words, syllables, and letters by symmetry and by extreme and mean ratio. ${ }^{4}$ In the former case a passage in part A will exhibit exactly as many units as its parallel in part A.' In the latter case material is so arranged that the number of units in the shorter part relates to the number of units in the longer part as the number of units in the longer part relates to the whole. Minor ( $m$ ) divided by major (M) equals major divided by whole $(\mathrm{m}+\mathrm{M}): \mathrm{m} / \mathrm{M}=\mathrm{M} /(\mathrm{m}+\mathrm{M}) .{ }^{5}$ To calculate the major part multiply a number by 0.61803 . To calculate the minor part multiply a number by 0.38197 . A reader should also bear in mind the account which Boethius gives in De Institutione Musica I X of the myth of discovery by Pythagoras of the musical ratios duplus (2:1), sesquialter (3:2), sesquitertius (4:3), and sesquioctauus (9:8) :

[^3]One need not labour the point that much of the diction cited above is, to say the least, unusual, and that much of it occurs only in the adduced patterns. Aldhelm has provided the clearest indications that these patterns are deliberate. In the first parallelism the first part begins primitus 2 and the second postquam 20. After the last words of the first part, uersa uice 16 , the very next word, discipulorum 16, is the first of the second parallelism. The last word of the first part of the second parallelism, lurconum 64, and the first word of the second part of this parallelism, discipulorum 65, are woven into the crux of the second chiasmus, lurconum conglobatio lectorum ac residua sagax discipulorum caterua. That second chiasmus begins in the same line 40 in which the first chiasmus ends, in the fourth word after the end of the first chiasmus. In the chiasmus that connects the first half of the letter the first word, oblitteraturum 9 , is the fortieth word from the beginning of the letter proper. After the last word, oblitterata 84, there are forty words to the centre of the letter. Of the two chiastic patterns in the second half of the letter, the former begins in line 116, four lines before the beginning of the following chiasmus, and it ends in line 175, between which and the end of the following chiasmus in 180 there are four lines.

The entire letter is composed in multiples of the number 8 . Aldhelm's Salutation occupies sixteen words ( $8 \times 2$ ), fifty-one syllables, and 118 letters. The sixteen words divide by duple ratio (2:1) at 11 and 5, at the name of the author, Aldhelmus, the eleventh word. The fifty-one syllables divide by duple ratio at 34 and 17, the first syllable of Aldhelmus being seventeenth from the end. The 118 letters divide by duple ratio at 79 and 39, the $A$ of Aldhelmus being the thirty-ninth letter from the end.

In part $A$, of the first sixteen words $(8 \times 2)$ fifteen alliterate on $p$, the fifteenth letter of the alphabet. The first sentence of part A contains eighty-eight words $(8 \times 11)$. From the beginning of part $A$ to the crux of the letter in part $F$ there are eighty-eight cola. From the crux of the letter to the end of part $\mathrm{A}^{\prime}$ there are also eighty-eight cola. The last word of prose, digna, at the end of part $A^{\prime}$ ' is the 888 th word of the letter $(8 \times 111)$.

Part C is filled with words and phrases derived from Greek:
simmistis mistisque 43, doxam onomatis cyrii 44 , modum 45 , telluris stadia 50 , nectar 55 . Part $\mathrm{C}^{\prime}$ is similarly filled with words derived from Greek : angebar 123, dedasculi Argiui 128, bibliothecae problemata 130, discentium 132, poli cardines 135 , climatis 137, Theodoro 141, philosophicae 144, and it names the teachers of Greek, Theodore and Hadrian. Part D begins Nam. Part D'also begins Nam. Part E begins Quam ob rem and contains forty-two words. Part E' begins Quapropter and also contains forty-two words. The crux of the letter in part $F$ is a chiastic quotation from the Book of Proverbs V 15-7. It comprises twenty-six words, thirteen in each half; fifty-eight syllables, twenty-nine in each half; 125 letters, sixty-three in the first half and sixty-two in the second. The central et at the crux of the chiasmus is the 444th word of the 888 -word letter.

Aldhelm plays with numbers other than 888 and 444. The 777th word is the first of grammatico dente 156 . The 333rd word is the first of artes grammaticas 67. The 666th word is tetrica 130. The 555th word directly follows tetrae 110. The 222 nd word is tripudii 43. 222 divides by extreme and mean ratio at 137 and 85 . The 137th word is the first of utrimque uolis tripudiantes obtulimus 28.

The first line of verse in Ehwald's edition, Digna fiat fante Glingio : gurgo fugax fambulo, cannot be scanned or construed. By reading digna as the last word of prose and scanning the remaining words as two lines of syllabic verse one finds both metre and sense. Aldhelm is quoting the end of the first paragraph of Epistola II De Pronomine by Virgilius Maro Grammaticus, the most prolific and imaginative of all Irish grammarians : ${ }^{6}$

> Verumtamen ne in illud Glengi incedam, quod cuidam conflictum fugienti dicere fidenter ausus est : gurgo inquit fugax fambulo dignus est, pauca tibi tui negotii necessaria de pronomine profabor.

[^4]He is also parodying the syllabic verse composed by Irish Latin poets of the seventh century. ${ }^{7}$ He makes two lines of jingling heptasyllables in which his six words rhyme on $-o$ and alliterate on $f-f-g-g-f-f$. He concludes with dactylic hexameters and an elegiac couplet, presumably in the approved Canterbury style. The verses which follow the end of the letter thus occupy eight lines $(8 \times 1)$, forty-four words ( $88 \times .5$ ), one hundred syllables, and 256 letters ( $8 \times 32$ ).

The sixteen words of address in the Salutation and the eighty-eight words of part A comprise 104 words $(8 \times 13)$. The sixty words of part $\mathrm{A}^{\prime}$ and the forty-four words of concluding verses also comprise 104 words.

In the second half of the letter, commending study with Theodore and Hadrian, the 444 words divide by extreme and mean ratio at 274 and 170. The 170th word before digna is Theodoro. From Theodoro to Theodorus inclusive there are forty words. In the centre of these Aldhelm names Hadrian; between Hadriano and Theodorus there are twenty words.

Aldhelm states his message most clearly at the crux and at the end of the letter. The symmetrical quotation from Proverbs tells Heahfrith to stay at home. The concluding verses dissuade him from becoming a gurgo fugax by going to Ireland. They also contrast the bogus learning represented by Ireland, Virgilius Maro Grammaticus, and heptasyllables with the sound scholarship represented by England, Theodore and Hadrian, and Classical metres.

Because Virgilius discusses bogus Hebrew words Aldhelm shows that he understands correctly the meaning of the Hebrew name of the alleged author of the Book of Proverbs, Solomon, that is, Pacificus 85. Because Virgilius discusses bogus Greek words Aldhelm fills his letter with words

[^5]correctly derived from properly understood Greek words. Because Virgilius cites bogus authorities named Galbungus and Glengus Aldhelm names reputable grammarians Theodore and Hadrian. Because Virgilius discusses twelve Latinities Aldhelm exhibits the one correct Latinity which Argiuus Theodorus and Romanus Hadrianus have taught him. The learning transmitted in the school at Canterbury represents for Aldhelm perfection. That is why he composed his letter on multiples of the number 8 .

The name of the recipient shares with the name of Solomon the idea 'peace', Hebrew שָׁשלוֹם Shlomo deriving from shalom, and Heahfrid meaning 'high peace', containing eight letters and beginning with the eighth letter of the alphabet. The Salutation contains $8 \times 2$ words. The first sentence begins with $8 \times 2$ words, of which fifteen alliterate on the fifteenth letter of the alphabet, with which Solomon's title Pacificus also begins. The first sentence comprises $8 \times 11$ words. There are $8 \times 11$ cola from the beginning to the quotation from Prouerbia Pacifici and $8 \times 11$ cola from the end of the quotation to the end of the prose. The last word of prose is the 888 th word of the letter, $8 \times 111$. The Salutation and the first paragraph of prose total $8 \times 13$ words. The last paragraph of prose and the concluding verses total $8 \times 13$ words. There are eight lines of verse at the end. There are eight parallel and chiastic patterns woven into the fabric of the letter. The entire composition occupies 188 lines.

The number 8 represents perfection. History began after the first Sabbath rest, on the eighth day of Creation. Abraham circumcised Isaac on the eighth day. ${ }^{8}$ Jesus rose on the eighth day. ${ }^{9}$ There are eight Beatitudes in Matthew V 3-10. In the account of precious stones in the walls of the heavenly Jerusalem in Apocalypse XXI 20: ${ }^{10}$

[^6]fundamenta muri civitatis omni lapide pretioso ornata ... octavum beryllus ... . Significat autem homines ingenio quidem sagaces, sed amplius supernae gratiae lumine refulgentes. Nam senario saepe numero perfectio designatur actionis, maxime cum in hoc numero [sc. VIII] mundi hujus sit opus consummatum.

In Greek notation the numerical value of the name of Jesus, IHSOY , is $10+8+200+70+400+200=888$.

There is another form of art in this letter. Consider the cosmic and musical imagery of Aldhelm's language in lines 4-6 of the first paragraph :
panagericum poemataque passim Prosatori sub polo promulgantes
stridula uocum simphonia
et melodiae cantilenaeque carmine modulaturi ymnizemus
proferring panegyric and poems to the Creator in every place under the pole
with a high-pitched concord [lit. 'sounding together'] of voices
and a song of melody and canticle, bound to make measured music, let us sing hymns.

This is not empty bombast. Here and in line 117 Aldhelm is alluding to the famous Irish Latin abecedarian hymn which begins

> Altus Prosator Vetustus
> Dierum et Ingenitus erat absque origine primordii et crepidine
with a triple allusion to the Pro-Sator, Unbegotten Fore-Sower, the Begetter of every prosapia, Who created the universe with His Word, by uttering His Prosa. On that occasion, according to Job XXXVIII 4-7, arithmetic and music and geometry and astronomy figured prominently.

Ubi eras quando ponebam fundamenta terrae?
indica mihi si habes intellegentiam.
quis
posuit
mensuras eius
si nosti uel quis
tetendit
super eam lineam

> super quo bases illius solidatae sunt aut quis dimisit lapidem angularem eius cum me laudarent simul astra matutina et iubilarent omnes filii Dei.

As Aldhelm believed that all the quadruvial arts, but especially music, figured in the Creation one may expect his composition to exhibit, in addition to the symmetry and extreme and mean ratio we have already noted, the musical ratios by which he supposed God had created the world : duple ( $2: 1$ ), sesquialter (3:2), sesquitertian (4:3), and sesquioctave ( $9: 8$ ).

In the second part of the first parallelism Aldhelm writes 2023 :

Postquam uestram repedantem istuc | ambrosiam
ex Hiberniae brumosis circionis insulae climatibus
ubi ter bino circiter annorum circulo
uber sofiae sugens metabatur ...
after we ascertained your ambrosia [i.e. wisdom], returning hither from the wintry climes of the northwest of the island of Ireland where for a cycle of about twice three years
sucking the teat of wisdom it marked time ... .
Again in paragraph D 56-59:
Nam quemadmodum alternatim reciproca
facessante noctis nebula
mellifluum examen |
emergente axe tenus aequore Titane ..
for just as by turns moving in and out
the cloud of night coming to an end
a honey-flowing swarm
Titan [i.e. the sun] emerging from the sea ... .
Still in paragraph D 67-73:
Non solum artes grammaticas atque geometricas bis ternasque omissas | fisicae artis machinas quin immo allegoricae potiora ac tropologicae disputationis bipertita bis oracula aethralibus opacorum mellita |
in aenigmatibus problematum
siticulose sumentes carpunt
not only the grammatical and geometrical arts
and leaving out of account the twice triple structures of the art of physics but moreover of allegorical
and tropological disputation the twice bipartite oracles honeyed with aetherial mysteries of dark problems they seize taking them up thirstily.

At the end of paragraph D 77-80:
E quorum catalogo
tuam proficisci solertiam praeda onustam
atque torrentis | fluentis sacrosancti propinatam
redundantemque excellens fama percrebruit
from the catalogue of which, that your resourcefulness proceeded laden and drenched with booty of the sacrosanct flowing torrent and overflowing, an excellent report has become widespread.

Finally in paragraph E 87 :
bis quaternis | temporum lustris
twice four five-year-periods of time.
These passages all involve the arts, the passage of time, and distributive numerals, or combinations of these. The upright bar in the first passage marks the epogdous, one-ninth of the text $(888=99+789)$. That in the second passage marks the duple ratio ( $888=296+592$ ). The upright bars in the third passage mark the golden section $(888=339+549)$ and the sesquialter ratio of the letter $(888=355+533)$. The upright bar in the fourth passage marks the sesquitertian ratio $(888=381+507)$. The upright bar in the fifth passage marks the sesquioctave ratio $(888=418+470)$. Aldhelm has so arranged his words that the ratio $9: 8$ is illustrated exactly at the words bis quaternis 'twice four', that is 'eight'.

It would be idle to suppose that the foregoing analysis considers all or even most of the art of this wonderfully dense composition, in which the first English Latin author claims not only equality with but superiority over an Irish Latin tradition
already more than a century old. In the firmament of Insular Latin writers Aldhelm burst like a supernova. From the very beginning there has been no doubt about the magnitude of this star.

## II. ALDHELM'S LETTER TO WIHTFRITH

The Letter to Heahfrith is not Aldhelm's only statement about English students and Irish learning. In the Gesta Pontificum Anglorum William of Malmesbury preserves a copy of a letter ${ }^{11}$ written less elegantly, but no less forcefully, to another Anglo-Saxon student named Wihtfrith, who was about to depart to Ireland. Here is the Salutation and first paragraph. Capital letters and punctuation marks in boldface represent features of William's autograph, Oxford, Magdalen College MS 172 folio 84 v . Underlinings suggest alliteration, and italics suggest rhyme. I have marked the rhythms of the cursus.

DOMINO VENERABILITER DILIGENDO. ET DELECTABILITER VENERANDO. WÍHTFRIDO.
ALDHELMUS VERNACULUS SUPPLEX IN XPISTO PERHÉNNEM SALÚTEM .
Perlatum est mihi rumigerulis réferéntibus . ..... a
de uestrae caritátis indústria . ..... b
quod transmarinum iter gubernante Dómino cárpere . ..... c
sagacitate legendi succénsa decréuerit . ..... d
Et íccirco uita comite optatum Hibérniae portum ténens . ..... e
sacrosancta potissimum praeságmina. ..... b
refutatis philosophorum commenticicis legito . ..... f
Absúrdum enim árbitror. ..... g
spreta rudis ac ueteris instrumenti inextricábili nórma. ..... b
per lubrica dumosi nuris díuertícula . ..... b
immo per discolos philosophorum anfractus iter cárpere. ..... c

[^7]seu certe aporiatis uitreorum fontium limpidis latícibus . a
palustres . pontias . lutulentasque limphas siticulóse potáre . c
in quis atra bufonum turma catéruatim scatet. d
atque garrulitas ranarum crépitans coáxat . d
To Master Wihtfrith, who is to be cherished venerably and to be venerated pleasurably,
Aldhelm, humble servant in Christ, (sends his wishes for) eternal salvation.


#### Abstract

It has come to my attention from the reports of newsmongers regarding the intentions of your Charity, that you have decided to undertake, with the Lord as your pilot, a journey across the sea, since you have been inflamed by a keenness for study. And therefore, as you sail towards the hoped-for port of Ireland, while life is your companion, read (these) most sacrosanct admonitions, having rejected the fabrications of the (worldly) philosophers. I think it absurd to spurn the inextricable rule of the New and the Ancient Document [i.e. the New and the Old Testament] and undertake a journey through the slippery paths of a country fill of brambles, that is to say, through the troublesome meanderings of the (worldly) philosophers; or surely, (it is absurd) to drink thirstily from briny and muddy waters, in which a dark throng of toads swarms in abundance and where croaks the strident chatter of frogs, when there are clear waters flowing from glassy pools.


The style is unmistakeably Aldhelm's. The rhythms are clear throughout. Every line alliterates either within itself or with the following line or both, though the rhymes are uncertain and not systematically arranged.

In the Salutation there are fourteen words, which divide by symmetry at 7 and 7 , at the names of the recipient and the author. There are forty-five syllables, which divide by sesquialter ratio at 27 and 18 , at the names of the recipient and the author.

In the first paragraph of the letter Aldhelm uses the phrase iter carpere twice. Half the words of the paragraph, forty of eighty-one, fall between carpere and carpere. From the beginning to the first carpere inclusive there are fifteen words, and from the second carpere inclusive to the end there are twentysix words, together forty-one, which divide by extreme and mean ratio at 25.3 and 15.7. Aldhelm uses philosophorum twice, the thirty-second and the fifty-third words. The eighty-one words of the paragraph divide by extreme and mean ratio at 50 and 31. There are thirty-one words before the former
philosophorum. The number of the second philosophorum, 53, divides by extreme and mean ratio at 33 and 20 . Between the two occurrences of philosophorum there are twenty words.

Aldhelm implies that the spurning of Biblical study in favour of secular philosophy, and the amphibian imagery, and (in the following paragraphs) the corrupting influence of pagan literature and the sexual licence of the Irish show Ireland to be a dangerous and seductive place for young Englishmen, who might better study, as Aldhelm had done, at home in Canterbury.

What did the Irish make of this?

## III. COLMÁN'S LETTER TO FERADACH

Dr Richard Sharpe edited recently from Brussels, Bibliothèque royale MS 5649-67 folios 186 r -187v Colmán's Letter to Feradach, ${ }^{12}$ of which the first paragraph follows.

Dilectissimo et eruditissimo filio Feradacho ${ }^{\text {a }}$ Colmanus. ${ }^{\text {b }}$ Multa quidem ad nos a Romanis ${ }^{c}$ scripta librorum exemplaria perueneirunt in quibus nonnulla quae ${ }^{d}$ in nostris ante codicibus librariorum ${ }^{\circ}$ neglegentia deprauata sunt emendatiora repperimus. Denique, ut de ceteris taceam, in libris Isidori quos ipse de aecclesiasticis scripsit officiis sub duobus tantum titulis tres ferme paginas a librariis in\{ueni〉mus praetermissas; multa praeterea in chronicis, multa in Sedulii paschali carmine cormpta, quod nunc apud nos ${ }^{〔}$ duplici legitur editione conscriptum. Quattuor siquidem quos ante uersibus condidit libellos, rursus eosdem imperante Macedonio, in theoricum sermonem stilo liberiore transtulit. Cuius operis primam partem in codicibus uestris habetis corruptam, secundam penitus ignoratis; ex quibus pauca tibi cognoscendi gratia quantum epistolaris angustia potuit transmittere curaui.
a MS Feraclaclo b MS Calmanus c MS ad Romanis d MS qui e MS librorum f MS uos

[^8]In the following arrangement of this text per cola et commata capital letters and punctuation marks in boldface represent features of the manuscript. ${ }^{13}$ I have marked the cursus rhythms.

Dilectissimo et eruditíssimo fillio. Féradacho. Cólmanus.
[or Feradácho . Colmánus .]
A Multa quidem ad nos a Romanis scripta librorum exemplária pèruenérunt .
B in quibus nonnulla
C quae in nostris ante codicibus librariorum neglegentia déprauáta sunt
D emendatióra reppérimus.
E Dénique . út de céteris tảceam
F1 in líbris Isidóri

G tres ferme paginas a librariis inuénimus praètermíssas.
G' Multa praetérea in chrónicis .
F'l multa in Sedulii Paschali Cármine corrúpta .
2 quod nunc apud nos duplici legitur editióne conscríptum .
E' Quattuor siquidem quos ante uersibus cóndidit libéllos.
Rursus eosdem imperante Mácedónio .
$\mathrm{D}^{\prime}$ in theoricum sermonem stilo liberióre transtúlit.
$\mathrm{C}^{\prime} \quad$ cuius operis primam partem in codicibus uestris habétis corrúptam . secundam pénitus ignorátis.
B' $^{\prime}$ ex quibus pauca
A' tibi cognoscendi gratia quantum epistolaris angustia potuit transmittere curáui .

To the most beloved and most erudite son Feradach Colmán [sends greeting].
A Many exemplars of books written by Romans have indeed come through to us,
B among which some,
C which in our codices were deformed by the negligence of scribes,
D we have discovered more correct.
E To sum up, as I shall be silent about the others,
F1 in the books of Isidore,
2 which himself wrote about ecclesiastical offices under at any rate two titles,
G we have found almost three pages omitted by scribes.
$\mathrm{G}^{\prime} \quad$ Many things besides in the chronicles,
F'l many things corrupted in the Paschal Song of Sedulius,
2 which now is read among us written out in a double edition,
$E^{\prime} \quad$ inasmuch as the four little books which he composed before in verses the same again at the command of Macedonius
$\mathrm{D}^{\prime}$ he translated in freer style into contemplative speech [i.e. prose]

[^9]$\mathrm{C}^{\prime}$ of which work you have the first part corrupt in your codices ; the second part you are altogether ignorant of;
$B^{\prime}$ from which few matters
$A^{\prime}$ I have taken care to transmit to you for the sake of understanding as much as the narrow compass of a letter allowed.

Colmán shows at the very beginning of his letter that he knows how to write well, ending every clause with a correct cursus rhythm - dispondeus dactylicus twice : Féradacho Cólmanus, praetérea in chrónicis; planus three times: editióne conscriptum, liberióre transtúlit, habétis corrúptam; uelox three times : exemplária pèruenérunt, inuénimus praètermissas, pénitus ignorátis; medius three times: déprauáta sunt, tántum titulis, Mácedónio ; tardus four times : eruditíssimo filio, emendatióra reppérimus, céteris táceam, scripsit officiis; and trispondiacus four times: líbris Isidóri, cármine corrúpta, cóndidit libéllos, transmittere curáui.

He reveals his mastery of Biblical style, arranging his words and ideas by chiasmus and parallelism, as one observes by comparing ad nos, scripta librorum exemplaria, and peruenerunt in A with tibi, epistolaris, and transmittere in $\mathrm{A}^{\prime}$, in quibus nonnulla in B with in quibus pauca in $\mathrm{B}^{\prime}$, quae, in nostris codicibus, and deprauata in C with cuius, in codicibus uestris, and corruptam in $\mathrm{C}^{\prime}$, the comparative emendatiora in D with the comparative liberiore in $\mathrm{D}^{\prime}$, denique in E with rursus in $\mathrm{E}^{\prime}$, in libris Isidori in Fl with in Sedulii Paschali Carmine in $\mathrm{F}^{\prime} 1$, quos, scripsit, and sub duobus titulis in F2 with quod, legitur conscriptum, and duplici editione in $\mathrm{F}^{\star}$ 2, tres and praetermissas in $G$ with multa and praeterea in $\mathrm{G}^{\prime}$. The first clause begins with the word multa; the last phrase of the crux begins with the word multa; and the first clause after the crux begins with the word multa.

Colmán has guaranteed the authenticity and integrity of his text by disposing his repeated diction at mathematically determined intervals. After the Salutation there are 108 words in this paragraph, which divide by symmetry at 54 and 54 . The first word is multa, and the fifty-fourth word is multa, so that both parts of the paragraph begin with the same word. Colmán uses the number 54 again less conspicuously : after ante the fifty-
fourth word is ante; again after duobus the fifty-fourth word is secundam. Colmán links other words by symmetrical intervals : after scripta the thirtieth word is scripsit, after which the thirtieth word is conscriptum. The twenty-fourth word is repperimus, after which the twenty-fourth word is inuenimus. Similarly from librorum to libris inclusive there are twenty-four words, while from librorum to librariorum inclusive there are twelve words.

The 108 words divide by duple ratio at 72 and 36 . Colmán links parallel words by intervals of seventy-two words: from quae to cuius inclusive there are seventy-two words; after codicibus the seventy-second word is codicibus.

The 108 words divide by extreme and mean ratio at 67 and 41 ; after quidem the sixty-seventh word is siquidem. Colmán links several other words in the same way. The forty-seventh word is librariis; 47 divides by extreme and mean ratio at 29 and 18 ; from librariorum to librariis inclusive there are twentynine words. Those twenty-nine words divide by extreme and mean ratio at 18 and 11 ; between librariorum and libris there are eleven words. From libris to libellos inclusive there are forty-four words; 44 divides by extreme and mean ratio at 27 and 17 ; from libris to librariis inclusive there are seventeen words. From carmine to uersibus inclusive there are fifteen words; 15 divides by extreme and mean ratio at 9 and 6 ; the sixth word after carmine is the beginning of the phrase duplici legitur editione, and the sixth word before uersibus is the end of the phrase duplici legitur editione. From carmine to editione inclusive there are nine words, and from duplici to uersibus inclusive there are nine words. Between uersibus and partem there are fifteen words, and the ninth word after uersibus is sermonem. The ninety-third word is corruptam; 93 divides by extreme and mean ratio at 57.5 and 35.5 ; from corrupta to corruptam inclusive there are thirty-five words. From primam inclusive to the end of the paragraph there are twenty-two words ; 22 divides by extreme and mean ratio at 14 and 8 ; from primam to secundam inclusive there are eight words. The 103rd word is quantum; 103 divides by extreme and mean ratio at 63.66 and 39.34 ; from tantum to quantum inclusive there are sixty-three words. From praetermissas to transmittere inclusive
there are fifty-nine words; 59 divides by extreme and mean ratio at 36 and 23 ; from praetermissas to transtulit inclusive there are thirty-six words.

In another form of numerical play Colmán has arranged his text so that after duobus the third word is tres, and after duplici the fourth word is quattuor.

Colmán's competence in this game needs no further demonstration. But his true subject is the serious business of textual criticism, the choosing of correct readings among variants transmitted in the available texts. The names Feradach and Colmán belong to an Irish milieu, in which a Romanis scripta librorum exemplaria peruenerunt ... emendatiora. By the time Cummian wrote his Letter in 633 delegates sent from an Irish synod to learn about Roman traditions of calculating Easter had returned from Rome to Ireland. ${ }^{14}$ The need for Colmán to instruct Feradach in scansion of elegiac couplets may reflect the state of Irish knowledge about metres in the seventh century, or indeed the eighth, for though there are several original Latin compositions extant from Ireland in heptasyllabic, octosyllabic, decasyllabic, hendecasyllabic, dodecasyllabic, and pentadecasyllabic metres, ${ }^{15}$ and Irish compositions in disyllabic, trisyllabic, tetrasyllabic, pentasyllabic, and hexasyllabic metres, ${ }^{16}$ there is nothing in Classical quantitative metres. This may suggest a reason for Aldhelm's composition of the prodigious Epistola ad Acircium with its treatises De Metris and De Pedum Regulis surrounding one hundred verse aenigmata in quantitative metres. ${ }^{17} \mathrm{He}$ may have intended, as in the Letter to Heahfrith, to exhibit the superiority of English learning for the benefit of

[^10]those tempted to attend schools in Ireland. Such an exercise would have polemic value if the Irish were known to be preeminent practitioners of a wide range of syllabic poetic forms, but not of quantitative forms.

One might suppose tentatively that Colmán wrote to Feradach after establishment of contacts between Ireland and Rome in the second quarter of the seventh century, perhaps during the following thirty or forty years, not distant from the time in which Aldhelm parodied a characteristic Irish verse form and addressed a subject not yet considered among Irish scholars. One might even suppose that Colmán had read Aldhelm's Letters to Acircius and Heahfrith. If so, one might infer from the Letter to Feradach that Colmán responded to Aldhelm by absorbing his learning but ignoring his polemic.

## IV. A STUDENT'S LETTER TO ALDHELM

Here follows a letter illustrating a different response to Aldhelm. ${ }^{18}$

DOMINO SANCTO SÁPIENTÍSSLMO<br>IN XPISTO QUIDEM CARÍSSIMO ÁLDHELMO<br>[SCOTTUS IGNOTI NOMINIS] IN DEO AETÉRNO SALÚTEM.

Dum te praestantem ingenio facundiaque Romana ac uario flóre litterárum ..... a
etiam Graecorum móre nonon nésciam ..... a
ex ore tuo fonte uidelicet scientiae purissimo díscere málo ..... b
quam ex aliquo quolibet potare turbulénto magistro. ..... b
Praesertim hoc scito praenoscens quod idcirco te fiducialiter ita óbsecro ..... b
ut me suscipias doceasque ..... c
quoniam fulgor ceu dictum est sapientiae prae multis in te fúlget lectóribus ..... d
ac peregrinorum mentes çupientium sapientiam díscere cognóscis ..... d
quia tu Romae aduena fuisti insuper quod a quodam sancto uiro de nostro génere nutritus es. ..... d

[^11]Haec compendii causa significant quia si humiliter per caritatem uolúeris atténdere 10 ..... c
non minus per pauca uerba quam per plurimas sermocinatiónes perspicies. ..... d
Haec tibi quoque sincériter díssero ..... b
libellum quendam quem égo non hábeo ..... b
qui non est maior acceptorio duarum septimanarum légere cúpio. ..... b
Hoc autem breue tempus praédico nón eo ..... 15 ..... b
quod mihi plús non ópus sit ..... e
sed ne haec petitio fastidium in túa mente crée $t$ ..... e
ministrum quoque equosque ut opinor adipiscar. ..... $f$
In hoc autem tempore messis laetum a te respónsum sperábo ..... borantem pro nobis beatitudinem tuam diuina gratia custodiredignétur.

To the holy and most wise Lord Aldhelm, very dear indeed in Christ, [a person of unknown name] (wishes) salvation in God etemal.
As I am not unaware that you are distinguished in native ability and for your Roman eloquence, and for various flowers of letters, even those in the Greek fashion, I prefer to leam from your lips than to drink from some other turbid master. Know this especially in advance: that I beseech you confidently to receive and instruct me on this account, since the brightness of wisdom, as it has been said, flashes in you more than in many learned men, and (since) you are aware that the minds of foreign travellers are eager to learn wisdom (from you), because you were a visitor at Rome, and especially because you were nourished by a certain holy man of our race. Let these suffice for the sake of brevity, because, if you should attend to them humbly and with charity, you will understand no less through a few words than through many. I also candidly declare this to you: I desire to read a certain book which I do not have, and that is for a period no longer than two weeks; moreover, I mention this brief period, not because I do not have more need of it, but so that this request may not cause annoyance to your mind. I shall obtain a messenger and horses, I imagine. Moreover, in this harvest time I shall hope for a favourable response from you. May Divine Grace deign to preserve your Blessedness who prays for us.

In the Letter to Heahfrith Aldhelm praises his teachers Theodorus Argiuus and Hadrianus Romanus. In the Gesta Pontificum Anglorum William of Malmesbury states that Aldhelm received the monastic habit at Malmesbury: ${ }^{19}$ id quidam Meldum qui alio nomine uocatur Meildulf natione Scottus eruditione philosofus professione monachus fecerat. As it is difficult
19. Hamilton ed. § 189, pp. 333-4.
to imagine that an Italian or a Greek would praise an AngloSaxon for journeying to Rome and prefer him to any other turbulento magistro, many have inferred that the writer of this letter was an Irish student who referred to Aldhelm's tuition by Maildubh.

The student suggests by using rhythm, alliteration, and rhyme that he understands something of Aldhelm's style. The central words of the letter stand at the golden section of the central tenth line, Haec compendii causa significant $\mid$ quia si humiliter per caritatem uolueris attendere non minus per pauca uerba quam per plurimas sermocinationes perspicies. The twenty lines of the letter divide by extreme and mean ratio at 12 and 8 , and the 168 words divide by extreme and mean ratio at 104 and 64 , at line 8, sapientiam discere cognoscis quia tu Romae aduena fuisti. Note the placement of nesciam 2, praenoscens 5, cognoscis 8. From the first to the third inclusive there are fifty words, which divide by extreme and mean ratio at 31 and 19. Between nesciam and praenoscens there are nineteen words. Note discere 3 and 8 . From the first to the second inclusive there are forty-one words, of which the central are obsecro ut
me $\mid$ suscipias doceasque. The 168 words divide by epogdous, one-ninth and eight-ninths, a ratio often used for authorial self-reference, at 19 and 149. ${ }^{20}$ Between ego 13 and mihi 16 there are nineteen words. From mihi to adipiscar 18 inclusive there are nineteen words. After adipiscar there are nineteen words to the end of the letter.

The composition reads like a straightforward request from an Irish student, bright enough to recognize and imitate some of the features of Aldhelm's style, to be accepted as a pupil and to be taught more.

[^12]
## V. CELLÁN'S LETTER TO ALDHELM

In book V of his Gesta Pontificum Anglorum William of Malmesbury records a letter from an Irishman named Cellanus of Peronna Scottorum, Cellán of Péronne in Picardy, to Aldhelm as abbot of Malmesbury asking for copies of his works. ${ }^{21}$

Hic quicquid litterarie ártis elàborábat.
quod non ădeó exile érat.
Aldelmi committebat arbitrio : ut perfecti ingénii lima.
eraderetur scabrédo Scóttica.
Ex ipso Francorum sinu . ad eum causa doctrine ueniebatur : ut hec epistola pálam fátiet.IN ALIENO ȦERE VIX LUCRÁNTUR :

## CELLANUS

IN HIBERNENSI ÍNSULA NÁTUS.
IN EXTREMO FRANCORUM LIMITIS LATENS ÁNGULO. ÉXUL ' FAMOSAE COLONIAE . XPISTI EXTREMUM ET VÍLE MANCÍPIUM.

IN TOTA ET TUTA IRINITÁTE SALÚTEM .

## Et post pauca .

Quasi pennigero uolatu ad nostrae paupertátis accèssit aúres . ..... a
uestrae Latinitatis panagéricus rúmor: ..... x
quem agilium lectorum non horréscunt auditus . ..... b
sine sanna aut amurcali impóstura nótus. ..... b
propter alburnum dictricis Romániae decórem. ..... c
Etsi te praesentem non merúimus audire : ..... d
tuos tamen bona lance constructos légimus fástos. ..... b
21. Hamilton ed. § 191, p. 337. Ehwald ed. pp. 498-9. Capital letters and punctuation marks in boldface represent features of William of Malmesbury's autograph, Oxford, Magdalen College MS 172 f. 79v.
diuersorum deliciis flórum depictos. ..... b
Sed si peregrini triste refic[ere u]is córculum: ..... c
paucos transmitte sermunculos illius pulcherrimae lábiae túae . ..... d
de cuius fonte purissimo dulces diriuati riui . multorum possintreficere méntes :a
ad locum ubi domnus FURSEUS in sancto et integro paúsat córpore. ..... d
Huic epistole quam liberaliter responderit . áttestatur illa
cuius particula hic núper appósita
dedit documéntum Áldelmum
ex Saxonico génere órtum.

Here follows a recent translation of Cellán's letter into modern English prose. ${ }^{22}$

To the Lord Abbot Aldhelm, enriched by leamed pursuits and adorned by sweet lucubrations, admirably discovering on the shores of the Saxons what some scarcely obtain, through labour and sweat, in a foreign clime, Cellanus, born on the Isle of Ireland, an exile concealed in the farthermost corner of the territory of the Franks, the lowest and (most) worthless servant of Christ in a famous settlement, (wishes) salvation in the whole and wholesome Trinity.

The encomiastic report of your Latinity has reached the ears of our Poverty as though by winged flight, nor does the hearing of able scholars reject it: and it is noted, without twisting of nostrils or the pretence of stink, for the brilliant beauty of its Roman eloquence. And although we have not had the privilege of hearing you in the flesh, nonetheless we have read your books, which are well constructed and balanced, and adorned with the charms of various flowers; but if you would refresh the sad little heart of the pilgrim, send us a few little sermons from those most beautiful lips of yours from whose most pure source sweet rivulets, when dispersed, may restore the minds of many to the place where Master Furseus rests in holy and incorrupt body.

As William of Malmesbury's words post pauca imply that the text is an extract of a longer work, both Ehwald and Herren have assumed that it is a fragment. ${ }^{23}$ But it makes complete sense, and there are indications that it is a complete text. Neither editor nor translator indicates that he has found any-

[^13]thing amusing in this little lucubration, but Cellán did not hide his wit.

Let us translate the letter again membratim et particulatim.
To the lord,
enriched by studies appropriate to female readers
and ornamented by honey-flowing little lucubrations, Aldhelm the archimandrite, wondrously discovering on the shores of the Saxons
what some are scarcely acquiring with sweats and labour under a foreign air,
Cellán,
born in the Hibernian island,
an exile lying in an extreme comer of the border of the Franks, the most utter and vile servant of a famous colony of Christ, in the whole and safe Trinity [wishes] salvation.

As if by feather-bearing flight there has approached to the ears of our poverty [i.e. to poor me]
a panegyric rumour of your Latinity,
at which the hearings of agile lectors do not become horrified, noted without a sneer or oilily impure imposture
on account of the whitely gleaming beanty of its eloquently wordy Romanness [or 'of its Roman oratress'].
And if we have not merited to hear you present, we have nonetheless read your books constructed with a good balance, adorned with the ornaments of diverse flowers [or 'painted up with the fopperies of excerpts of diverse authors'];
but if you wish to refresh the sad little heart of a pilgrim,
send over a few little sermons of that most beautiful lip [or 'speech'] of yours
from the purest fountain, of which sweet streams led off [or 'artificial conduits diverted'] might refresh the minds of many
at [or construed with transmitte 'to'] the place where the lord Fursey rests in holy and complete body.

In the Salutation Cellán addresses Aldhelm by title and name in ai and $\mathrm{i}^{\prime}$ and praises his study in aii and ii'. He contrasts wondrous discovery by Aldhelm on Saxon shores with the laborious need of others under a foreign sky in $b$ and $b^{\prime}$. He refers to himself by name and status in a'i and $\mathrm{i}^{\prime}$, by place of birth and place of exile in $b$ and $b '$. He names Aldhelm eightninths of the way through part a, the eighth word of nine. He names himself at the centre, the twenty-sixth word of fifty.

This Salutation may appear at first to be outrageously over-
blown, but it is the first part of a comprehensive joke. The fifty words of salutation relate to the eighty-two words of text of the letter by extreme and mean ratio, the golden section of 132 falling at 82 and 50.

In the letter proper the recurrence of words at fixed intervals suggests that the text is intact. Note aures, auditus, audire, of which the third is the thirty-fifth word. Of thirty-five words half is eighteen, and the central eighteenth word is auditus. Of the eighteen words half is nine, and between aures and auditus there are nine words. Note Latinitatis and Romaniae, of which the latter is the twenty-eighth word. The number 28 divides by extreme and mean ratio at 17 and 11. Between Latinitatis and Romaniae there are seventeen words. Note lectorum and legimus, of which the latter is the central word of the letter, forty-first of eighty-two. The number 41 divides by extreme and mean ratio at 25 and 16 . Between lectorum and legimus there are twenty-five words. Note fastos and sermunculos. The former is forty-first from the end. The number 41 divides by duple ratio at 27 and 14. After fastos the fourteenth word is sermunculos, which is the twenty-seventh word from the end of the letter. Note reficere and reficere. They mark the golden section, as the eighty-two words of the letter divide by extreme and mean ratio at 51 and 31 , and after the former there are thirty-one words to the end. The last thirty-one words of the letter divide by extreme and mean ratio at 19 and 12. After reficere the nineteenth word is reficere, after which there are twelve words to the end of the letter.

Cellán plays with Aldhelm's diction. In the Salutation only five words do not derive from the works of Aldhelm. One of those is the name Cellanus. Two others designate Aldhelm's activities, lucubratiunculae, and Aldhelm's title, archimandrita. Of the remaining two, although Aldhelm does not use angulus and colonia, he does use angulosus and colonus. In the text of the letter only the words sanna, alburnus, dictrix, and reficere do not derive from the extant works of Aldhelm. Although Aldhelm does not use amurcalis, Romania or Romanius, decor, corculum, transmittere, or sermunculus, he does use amurca, Romanus, decorare and decorosus, cor, mittere, and sermo. Cellán's phrase agilium lectorum non horrescunt auditus plays
on Aldhelm's auditus nostri quatiuntur, line 49 in the Letter to Heahfrith. By misprision derived probably from a glossary Aldhelm uses the word fasti, which in Classical Latin designates lists of festivals or lists of consuls, to mean 'books'. Cellán's use of fastos in its Aldhelmian application may be pointed, a deliberate note of a word misunderstood by the recipient of this letter. But regardless of that Cellán's diction is perceptibly Aldhelmian. Parallels cited by Ehwald make it clear that Cellán quotes Gildas De Excidio Britanniae and Aldhelm's Epistola ad Acircium, Epistola ad Heahfridum, and the prose version of De Virginitate.

A reader who perceives irony in the letters of Patrick and Columban and Cummian and Virgilius Maro Grammaticus is unlikely to miss it here. ${ }^{24}$ Let us assume not that Cellán had read every word of Celtic Latin ever composed, but that he knew Romano-Britons had been able to read and write urbane Latin for at least 300 years and his fellow Irishmen for at least 250 years. Here he is addressing the first Englishman, indeed the first man among all Germanic nations, to become a Latin author. Is it likely that Cellán, whose grasp of Latinity is firm enough to parody another man's style, would praise the Romanness and Latinity of this English upstart without his tongue in his cheek? Observe that in the Salutation he writes of Aldhelm as 'enriched by studies appropriate to female readers'. The word for a masculine reader is lector, which Cellán applies to himself in the text of the letter, and the adjectives derived from it are lectoralis and lectoreus. The noun and adjective for a female reader is lectrix. As the noun studium is neuter, Cellán either refers here to Aldhelm's dedication of De Virginitate to women, or he implies that Aldhelm's studies are appropriate to women rather than to men. He addresses Aldhelm as reperienti, as if he were only just 'lighting upon', 'discovering the existence of', or 'getting to know' Latin, 'which some are scarcely acquiring with sweats and labour under a foreign air'. Cellán writes in the third person that nonnulli ... uix lucrantur, not that he is one of

[^14]them. ${ }^{25} \mathrm{He}$ implies clearly that he is one of the agilium lectorum, as he would otherwise not know of their response to the rumour of Aldhelm's Latinity. To write that these masculine 'agile lectors' learned of Aldhelm's reputation sine sanna aut amurcali impostura is a form of feint praise. Construing dictrix as an adjective and Romania as a noun equivalent to Romanitas, to extol 'the whitely gleaming beauty of eloquently wordy Romanness' would be slightly odd. But construing dictrix as a noun and Romania as an adjective the phrase would be offensive, implying that Aldhelm writes in the effeminate style of a 'Roman oratress'. Cellán may well mean 'we have nonetheless read your books constructed with a good balance', for even someone who did not approve of their style would have to admire their structure, implying the while that he was a competent judge, which Cellán does. The phrase diuersorum deliciis florum depictos may mean 'adorned with the ornaments of diverse flowers'. It may without the least wrenching or special pleading mean also 'painted up with the fopperies of excerpts of diverse authors'. Cellán's diminutives corculum, referring to his own little heart, and sermunculos, referring to Aldhelm's desired works, little sermonettes, are probably playful and possibly ironic. His reference to 'that most beautiful lip [or 'speech'] of yours' is lippy, and his attraction of a normally neuter noun to the feminine gender may be consistent with other implications that Aldhelm's style is effeminate, issued de cuius fonte purissimo, as if the author were, in the language of later parodists, 'a particularly pure young man'. The words dulces diriuati riui may mean 'sweet streams led off' or again without strain 'artificial conduits diverted', implying that Cellán has read widely enough to recognise Aldhelm's work as mannered and derivative. If Cellán had read only Aldhelm's Epistola ad Acircium and De Virginitate one might infer from this letter that he was, in simple prose in which each word bears only one obvious and superficial meaning, begging for more. But as the

[^15]adjective panagericus implies that Cellán had read Aldhelm's most widely disseminated letter, the Epistola ad Heahfridum, with its aggressive claims for the soundness and superiority of English learning, and its parody, attacking the bogus nature of Irish learning, one infers that he responded with exactly the forms of wit, word-play, and irony practised by Irishmen writing Latin since at least the sixth century.

From Aldhelm's reply we may infer that he understood Cellán perfectly : ${ }^{26}$

Quod autem Saxonici generis fuerit .
ipse in epistola quam Cellano cuidam misit .
his edocet uerbis.
Miror quod me tantillum homunculum
de famoso et florigero Francorum rure
uestrae frunitae fratemitatis industria interpellat .
Saxonicae prolis prosapia genitum .
et sub arctoo axe teneris infantiae confotum cunabulis.
But that he was of Saxon race
he himself in a letter which he sent to a certain Cellán he teaches in these words:
I am amazed that me, such a very little manlet, from the famous and flower-bearing countryside of the Franks the industry of your learned brotherhood should solicit, born from the lineage of the Saxon breed and nurtured from the cradles of tender infancy under the northern pole.

Aldhelm's self-deprecating diminutives answer Cellán in kind. The innuendo implicit in a verb like interpellere, which means 'interrupt', 'obstruct', 'accost' (in the sexual sense), and even 'institute legal proceedings against', suggests that Aldhelm could give Cellán the same sort of lip he had received from him.

This correspondence may have been a perfectly ordinary epistolary exchange between members of a literate culture whose forms of play are not often or easily recognized by modern scholars. It might be useful for us to learn to recognize the forms, in order not to misread as dull pedantry what is actually the record of a witty needle-match.
26. Hamilton ed. § 188, p. 333. Ehwald ed. p. 499. Herren transl. p. 167.

## VI. INFERENCES

We have seen in Aldhelm's Letters to Heahfrith and Wihtfrith a spectacular display of a form of learning inculcated at the Canterbury school of Theodore and Hadrian from about the year 670. These letters vigorously affirm the superiority of English learning and parodically attack the validity of Irish learning. Colmán's Letter to Feradach may illustrate a civil response to the attack, making use of Aldhelm's learning without answering his polemic. The Letter to Aldhelm from an unnamed (probably Irish) student may illustrate another response to it, requesting in a good imitation of Aldhelm's style to become his pupil. Cellán's Letter suggests a different response, apparently deferential, but really densely ironic and aggressive, insulting Aldhelm both with his own diction and his own misprision and by attraction of masculine and neuter words to feminine forms. The last response may be the most impressive, with extensive repercussions in Insular literary history. With characteristic insight Dr A. M. Orchard has suggested that Aldhelm does not quote the Hisperica Famina because when he wrote they did not yet exist. They may have issued from the circle of Virgilius Maro Grammaticus, if not from Virgilius himself. Might the most famous and imaginative of all Irish grammarians, stung by the parody of his prose in Aldhelm's jingling heptasyllables, have responded by displaying in the Hisperica Famina what the Irish schools could teach best?

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Dictionary of Medieval Latin from British Sources Bodleian Library, Oxford


[^0]:    1. R. Ehwald ed. Aldhelmi Opera, Monumenta Germaniae Historica Auctorum Antiquissimorum Tomus XV (Berlin 1919), pp. 486-94; M. Herren transl. Aldhelm: The Prose Works (Cambridge 1979), pp. 160-4.
[^1]:    A [P]rimitus pantorum prócerum praetórumque
    pio potissimum paternoque praesertim priuilégio [.]
    panagericum poemataque passim Prosatori sub pólo (.) promulgántes stridula uócum simphónia [.]
    et melodiae [.] cantilenaeque carmine modulatúri ymnizémus;
    Praecipue quia tandem almae editum puérperae sóbolem
    ob inextricabile sons protoplastórum piáculum
    priscorumque cirografum oblitteratúrum
    terris tantundem destináre dignátus est :
    Luridum gui linguis celýdrum trisúlcis [.]
    rancida uirulentaque uomentem per aeuum uenéna toréntia
    tetrae tortionis in tártara trúsit ;
    Et ubi pridem eiusdem nefandae natricis érmula cèruulúsque cruda fanis colebantur stoliditáte in profánis :
    Versa uice discipulórum gurgústia [:]
    immo almae oraminum aedes architecti ingenio fábre condúntur ;
    B Fateor sodalitatis fratèmae cliens [.]
    altique municipátus múniceps.

[^2]:    2. One might translate better, "As the verse-utterer says worthy things: " Let a fugitive chatterer, " says Glingius, " become as a slave. ""
    3. One should add the concluding elegiac couplet: 'May the Eternal Judge now have mercy on you for ever, shining in riches and always bright in speech.'
[^3]:    4. D. R. Howlett ed. and transl. Liber Epistolarum Sancti Patricii Episcopi: The Book of Letters of Saint Patrick the Bishop (Dublin 1994). Idem, The Celtic Latin Tradition of Biblical Style (forthcoming Dublin 1995), and British Books in Biblical Style (forthcoming 1995). For Biblical allusions to Creation as a mathematical act see Job XXXVIII 4-7, Isaiah XL 12, Proverbs VIII 22-31, and Sapientia XI 21. For explicit discussion of the counting of verses, words, and letters see H. Freedman transl. Kiddushin ch. I 30a30b in I. EpSTEIN ed. The Babylonian Talmud (London 1936), vol. VIII pp. 144-6. For a Classical account of Creation as a mathematical act see Plato Timaeus 31b-32c, 35b-36c, discussed by F. M. Cornford Plato's Cosmology (London 1937), p. 45, and T. L. Heath transl. The Thirteen Books of Euclid's 'Elements' ed. 2 (Cambridge 1956), vol. I p. 137. For Classical discussion and illustration of composition by symmetry and by extreme and mean ratio see the Rhetorica ad Herennium IV XX 27-8, Cicero De Oratore III 44, and Boethius De Consolatione Philosophiae book III metre IX.
    5. For discussion of division by extreme and mean ratio in Antiquity see Euclid Elements II XI and VI XXX and Boethius De Institutione Arithmetica II LII. H. L. Busard ed. The First Latin Translation of Euclid's 'Elements' Commonly Ascribed to Adelard of Bath, Pontifical Institute of Mediaeval Studies, Studies and Texts LXIV (Toronto 1983), p. 20 : 'There is a persistent belief that some rendering of Euclid's Elements existed in England before the celebrated versions of Adelard of Bath. If by this is meant some truncated Latin version such as that attributed to Boethius, or fragments such as those in the encyclopedic works of Macrobius, Martianus Capella, Cassiodorus, St. Isidore, and Bede, then the belief has some justification, since all of these works circulated in England.' For modern discussion of extreme and mean ratio see F. Lasserre The Birth of Mathematics in the Age of Plato (Larchmont, NY 1964), H. E. Huntley The Divine Proportion, A Study in Mathematical Beauty (New York 1970), R. Herz-Fischler A Mathematical History of Division in Extreme and Mean Ratio (Waterloo, Ontario 1987).
[^4]:    6. G. Polara and L. Caruso ed. and transl. Virgilio Marone grammatico Epitomi ed Epistole (Naples 1979), p. 206. See also M. Herren 'Some New Light on the Life of Virgilius Maro Grammaticus' Proceedings of the Royal Irish Academy LXXIX C 2 (1979), pp. 27-71, and D. O Crórnin 'The date, provenance, and earliest use of the works of Virgilius Maro Grammaticus' in G. Bernt et al. ed. Tradition und Wertung (Sigmaringen 1989), pp. 13-22.
[^5]:    7. For an example recently discovered see M. Lapidge 'A New Hiberno-Latin Hymn on St Martin' Celitica XXI (1990) pp. 240-51, corrected in The Celtic Latin Tradition of Biblical Style chapter IV.VI 'Anonymi Hymnus Deus Domine Meus'. See also M. Herren 'The Stress Systems in Insular Latin Octosyllabic Verse' Cambridge Medieval Celtic Studies XV (1988) pp. 63-84, 'The Stress System of the Hiberno-Latin Hendecasyllable' Celtica XXI (1990) pp. 223-30, 'Hibemolateinische und Irische Verskunst mit besonderer Berücksichtigung des Siebensilbers' in H.L.C. Tristram ed. Metrik und Medienwechsel (Tübingen 1991) pp. 173-88.
[^6]:    8. C. W. Jones ed. Bedae Venerabilis Opera Pars II Opera Exegetica 1 Libri Quatuor in Principium Genesis usque ad Nativitatem Isaac et Eiectionem Ismahelis Adnotationum, Corpus Christianorum Series Latina CXVIIIA (Turnhout 1967) p. 236.
    9. Ibid. p. 237.
    10. J. A. Giles ed. Venerabilis Bedae Opera Quae Supersunt Omnia (London 1844) vol. XII pp. 441-2 [= PL XCIII col. 201A-B].
[^7]:    11. N.E.S.A. Hamilton ed. Willelmi Malmesbiriensis de Gestis Pontificum Anglorum Rolls Series (London 1870) § 214 pp. 358-9. EHwald ed. pp. 47980. Herren transl. pp. 154-5.
[^8]:    12. R. Sharpe 'An Irish Textual Critic and the Carmen paschale of Sedulius : Colmán's Letter to Feradach' The Journal of Medieval Latin II (1992) pp. 44-54.
[^9]:    13. I owe thanks to Dr Sharpe for his transcript of the manuscript and for helpful criticism.
[^10]:    14. M. Walsh and D. Ó Cróinin ed. and transl. Cummian's Letter 'De Controversia Paschali' Pontifical Institute of Mediaeval Studies, Studies and Texts LXXXVI (Toronto 1988), reviewed by R. Sharpe Journal of Theological Studies N.S. XLI (April 1990) pp. 271-4.
    15. L. Bieler ed. 'The Hymn of St. Secundinus' Proceedings of the Royal Irish Academy LV C 6 (1953) pp. 117-27. M. W. Herren ed. and transl. The Hisperica Famina : II Related Poems, Pontifical Institute of Mediaeval Studies, Studies and Texts LXXXV (Toronto 1987). See also The Celtic Latin Tradition of Biblical Style chapter IV 'Poems and Prayers'.
    16. For syllabic analysis of Irish metres see G. Murphy Early Irish Metrics (Dublin 1961) pp. 74-6.
    17. Ehwald ed. pp. 59-204.
[^11]:    18. Ehwald ed. p. 494. Herren transl. p. 164.
[^12]:    20. D. R. Howlett 'Some Criteria for Editing Abaelard' ALMA LI (1993) pp. 195-202. For further examples see The Celtic Latin Tradition of Biblical Style and British Books in Biblical Style.
[^13]:    22. Herren transl. p. 167.
    23. Ehwald printed the text of the letter preceded and followed by omission dots. Herren states explicitly in his introduction, p. 149, 'This fascinating correspondence is preserved only in the fragments quoted by William'.
[^14]:    24. See Liber Epistolarum Sancti Patricii Episcopi pp. 95-103 and The Celtic Latin Tradition of Biblical Style chapter III.I-IV.
[^15]:    25. Herren observes, p. 149, that "the phrase could just as well mean "discovering on the shores of the Saxons that some scarcely benefit ", etc. If taken that way, might not Cellanus's remark be a reference to the letter to Heahfrith, which might already have begun to be circulated with Aldhelm's compositions? If so, Cellanus's phrase could be taken as a gibe.'
