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PRINTED FROM THE HARVARD STUDIES IN CLASSICAL PHILOLOGY, VOL. XVIII, 1907

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STYLISTIC TESTS AND THE CHRONOLOGY OF THE MAZIN WORKS OF BOETHIUS

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THOEVER undertakes to treat of Boethius finds himself in illustrious company. Potentates, churchmen, scholastics, and shilosophers have busied themselves with this "last of the Romans." It would appear that but little remains to be said on such a well worn subject. Much less does it seem fitting in a beginner to essay that little. Yet, as the recent researches of Usener and Brandt and the acute suggestions of Rand have marked an epoch in *Boethiana*, one may hope to gain still further insight into the character and mode of thought of the author of the Consolatio. With this purpose in view, by the help of the so-called stylistic method, I intend to examine the writings of Boethius, in case it may be possible more accurately to place works the dates of which are not yet certain. To be explicit, I hope to show that the De Arithmetica and the De Musica should be placed neither first nor together; more definitely to place certain other works; to throw light on the authenticity of the De Geometria and the De Fide Catholica, and incidentally to test the value of the so-called stylistic method in determining the relative chronology of an author's writings.

For a definition of the meaning of stylistic method, and an illustration of its application, I may refer to the well-known work of Lutoslawski, entitled *The origin and growth of Plato's logic with an account of Plato's style and of the chronology of his writings*, 1897. Lutoslawski applies five hundred tests, comprising more than fifty-eight thousand instances. The tests are of various sorts, such as the relative frequency of hiatus and of synonymous expressions in works of different periods. Lutoslawski prefaces his conclusions with certain principles which he contends must hold good in all such investigations. As these principles practically coincide with my own, evolved independently, for I purposely did not read the book till my investigation was finished —I cite the most important of them. 1. The method is of little value in works of but few pages in length.

2. The method is of little value unless corroborated by considerations other than stylistic.

3. Synonyms are the best tests.

4. Of two works, the one which agrees in more criteria with a third work whose date is fixed, more nearly coincides with that work in time.

Relying on these principles and tabulating his criteria, Lutoslawski shows that known early works of Plato, such as the *Crito*, have but few points in common with the last, the *Laws*, whereas the *Sophistes*, *Politicus*, and *Philebus* agree with the *Laws* in more than fifty per cent. of the tests used. Hence he concludes that the dialectical works come late in Plato's career. This much for the method.

Anybody who has read Boethius with care will have observed two marked characteristics of his style. The first of these is the prevalence of various constructions, due, apparently, to the influence of his translations from the Greek. As a large portion of Boethius's works consists of translations of Greek texts and commentaries thereon, one may naturally wonder to what extent Greek usage influences his style. Some light is thrown on the answer from his own words, Commentarii¹ in Porphyrium, p. 71 A, in which he gives his theory of translation. "Secundus hic arreptae expositionis labor nostrae seriem translationis expediet, in qua quidem vereor ne subierim fidi interpretis culpam, cum verbum verbo expressum comparatumque reddiderim. Cuius incepti ratio est quod in his scriptis in quibus rerum cognitio quaeritur, non luculentae orationis lepos sed incorrupta veritas exprimenda est." That our author carried out this purpose of a literal translation can be seen from even a cursory examination of his works; for traces of Greek usage are found in the commentaries and other works as well as in the translations. A few examples will suffice to illustrate my point.

Quidem²... autem and quidem ... vero in the sense of $\mu \dot{\epsilon} v \dots$

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¹ I cite the works of Boethius as follows: the two editions $\pi\epsilon\rho i$ 'Epµnvelas, ed. C. Meiser; works on the quadrivium, ed. G. Friedlein; *Consolatio Philosophiae* and *Opuscula Sacra*, ed. Peiper; remaining works, ed. M(igne). In citing the works of Aristotle, I refer to the Tauchnitz edition for the first part of the *Organon*; to Waitz for the *Priora* and *Posteriora Analytica*.

² As shown by E. K. Rand, Der dem Boethius zugeschriebene Traktat De Fide Catholica, Jahrbücher für Klassische Philologie, XXV1, Supplementband, p. 428 ff.

 $\delta \epsilon$ appear very often in the translations and in all the works that follow the *Dialogi in Porphyrium*. This usage, to a less degree, is found even in classical authors. See Cicero's *Topica*, 51, 65 (?), 95 (?), and especially '60: atque illud *quidem* genus causarum, quod habet vim efficiendi necessariam, errorem adferre non fere solet; hoc *autem* sine quo non efficitur saepe conturbat.

Another marked Graecism in Boethius is the use of quoniam¹, quia, quod clauses to translate clauses with $\delta \tau \iota$ and ω_s in indirect discourse. This usage crops out continually in the commentaries also. It is so frequent that manifestum quoniam (Posteriora Analytica, p. 741 A), or palam quoniam (Priora Analytica, p. 667 D), are used without a verb as a rendering for $\delta \eta \lambda_{0V} \delta \tau \iota$.

The influence of translation is seen also in constructions that follow comparisons. Often we find the same case as in the original, that is, the genitive, e. g. Aristotle, *Categoriae*, 4, 11: $\tau \hat{\varphi} \tau \eta \nu \mu \hat{\epsilon} \nu \tau \hat{\omega} \nu \delta \mu o \gamma \epsilon - \nu \hat{\omega} \nu \mu \epsilon \hat{\ell} \sigma a$. To $\delta \hat{\epsilon} \tilde{\epsilon} \lambda a \tau \tau o \tau \tilde{\omega} \nu \delta \mu o \gamma \epsilon \nu \tilde{\omega} \nu$. Cf. M(igne), p. 210 B: eo quod hoc quidem sui generis maius sit, illud vero minus sui generis. Though this literal transference occurs, yet the ablative with $a (ab)^2$ is the usual construction, whether with verbs implying a comparison or after comparative adjectives and adverbs. Of the former the following is a good example, $\Pi \epsilon \rho \hat{\epsilon} E \rho \mu \eta \nu \epsilon \hat{\epsilon} s$, 10, 8: $\tau a \hat{\nu} \tau a \gamma a \rho \hat{\epsilon} \kappa \epsilon \hat{\epsilon} \nu \omega \nu \delta a \phi \hat{\epsilon} \rho \epsilon$ $\tau \hat{\varphi} \mu \eta \kappa a \theta \delta \lambda o \nu \hat{\epsilon} \nu a \lambda c$. Cf. Meiser, p. 14, 21 f. : haec enim ab illis differunt eo quod non universaliter sunt. For the construction after adjec-

² Concerning the origin of this construction, Roensch, *Itala und Vulgata*, p. 452, thinks that it crept in through the Christian writers from the Hebrew idiom. However this may be, the discussion, in the preceding note, of the *quoniam*, *quia*, *quod* construction is applicable here also; for as the Latin ablative of comparison contained the idea of separation, it would have been strange, if, with the increase in the use of prepositions, *a* (*ab*) had not come to be used in constructions after comparisons.

See also the columns under *quidem* . . . *autem* and *quidem* . . . *vero* in my table on p. 138 below.

¹ There has been much discussion as to the origin of this use of quoniam, quia, quod in indirect discourse. For a review of the subject see Schmalz, in Berliner Philologische Wochenschrift, 1905, p. 557. Some argue that the usage comes in from the sermo plebeius, others from the Greek. Probably Greek influence merely accelerated the adoption of the construction; for the idea was inherent in the language. To illustrate, there is so little difference between the infinitive after commemoro and the construction with quod, that it would have been surprising if the Latin writers had not been ready to make a free use of the latter.

tives see Porphyry, Isagoge, 3, 16: 'O yàp $\delta\nu\theta\rho\omega\pi\sigma\sigma$, $\pi\lambda\epsilon\sigma\nu$, $\epsilon\chi\epsilon\iota$ του ζώου τὸ λογικὸν καὶ τὸ $\theta\nu\eta$ τόν. Cf. M., p. 125 C: Homo enim ab animali plus habet rationale et mortale. This use is frequent in the commentaries and other works.

The influence of translation is further shown by the extraordinary frequency of idcirco quoniam, quia, quod; ideo quoniam, quia, quod and the like. How Boethius treated the Greek equivalents will appear from the following illustrations: $\delta_{i\dot{a}} \tau \dot{o}$ with infinitive (II $\epsilon_{\rho\dot{i}}$ 'Epunyveias, 7, 8 = idcirco quoniam Meis., 7, 31), or idcirco quia (Com. in Porphyrium, 3, 20 = M., p. 129 C), or ideo quod (Sophistici Elenchi, 5, 6 = M., p. 1012 D), or eo quod (Aristotle, Topica, 8, 12, 8 = M., p. 1007 A), or propterea quod (Porphyry, Isagoge, 15, 1 = M., p. 155 D); $\tau \hat{\varphi}$ with infinitive (Aristotle, *Categoriae*, 6, 10 = *idcirco quod* M., p. 246 B), or eo quod (Aristotle, Topica, 1, 1, 9 = M., p. 911 B), or hoc quod (Categoriae, 6, 11 = M., p. 247 A); Suó = eo quod (Topica, 4, 5, 7 = M., p. 950 c), or propter quod (ibid. 6, 9, 9 = M., p. 982 c); διόπερ (ibid. 8, 12, 16 = eo quod M., p. 1008 B); διότι (ibid. 1, 1, 10 = co quod M., p. 911 B). These collocations are so frequent that we even find $\epsilon \pi \epsilon i$ turned by *eo quod* (*Topica*, 8, 10, 8 = M., p. 1005 B), or idcirco quoniam (Porphyry, Isagoge, 2, 19 = M., p. 100 c). I have collected all such collocations in the works of Boethius and find that, to omit translations, their sum approximates one thousand, a number which sufficiently attests their abundance. Naturally I do not hold that Boethius originated these expressions. I wish to show, however, that their frequency is due to his Greek studies.¹

One of the most interesting of Boethius's Graecisms is his treatment of the definite article. At first he sometimes omitted it, as in Aristotle, *Categoriae*, 8, 19 $\tau \delta$ $\gamma \delta \rho$ $\delta \gamma \omega \kappa \rho \delta \tau \eta v \tau \hat{\omega}$ $vo\sigma \epsilon \hat{v}$ $\sum \omega \kappa \rho \delta \tau \eta v$ $\hat{\epsilon} var \tau (\omega v \hat{\epsilon} \sigma \tau \hat{v})$. Cf. M., p. 278 D: Sanum namque esse Socratem ad languere Socratem contrarium est. Sometimes he used the collocation *id quod dicitur*. Cf. *Com. in Categorias*, p. 208 B: in eo quod ci . . . ce . . . ro dicitur; *Editio prima* $\pi \epsilon \rho \delta$ 'Epµηveías, p. 49, 11: in eo nomine quod est homo; and again *De Syllogismis Categoricis*, p. 795 B: in Ciceronis nomine. Later for this construction he generally used *id*

¹ This is all that is implied in Rand's discussion of *quidem* . . . vero (Jahrbücher für Klassische Philologie, XXVI, Supplementband, pp. 428 ff.), a point that Stangl (Wochenschrift für Klassische Philologie, 1903, p. 179) seems not to understand.

quod est. Cf. Introductio ad Syllogismos Categoricos, p. 763 u: in eo quod est Cicero. On this matter Boethius himself remarks (*Editio* prima $\pi\epsilon\rho\lambda$ 'E $\rho\mu\eta\nu\epsilon$ ias, p. 62, 17 ff.): unde Graeci quoque his per se dictis verbis aliquotiens addunt articularia praepositiva, ut est $\tau \delta \tau \rho \epsilon$ - $\chi\epsilon\mu$, $\tau\delta\nu$ $\tau\rho\epsilon\chi\epsilon\mu$, si quis enim dicat: velocius est id quod est currere eo quod est ambulare, in illo nominativum iunxit articulum dicens id quod est currere, in illo vero ablativum dicens eo quod est ambulare. (See also below, p. 147).

These illustrations make it evident that Greek idiom had great influence on the style of Boethius. Consequently it is rather surprising that Friedlein should have been uncertain about the reading of the manuscripts in the *De Arithmetica*, p. 86, l. 4 f.: quam secundum ad [?] (so Friedlein) aliquid speculamur. For we often find ad aliquid = $\pi\rho\delta s \tau \iota$ not only in the translations, but also in the commentaries and the other writings. See *Com. in Categorias*, p. 213 B, and especially *Sophistici Elenchi*, 25, 4: 'Oµoíws $\delta \epsilon \kappa a \epsilon \pi \tau \omega \tau \pi \rho \delta s \tau \iota$. Cf. M., p. 1034 C: similiter autem et in ad aliquid. Here the preposition *in* accompanies the expression *ad aliquid*.

Among other striking Graecisms in Boethius it will suffice to cite merely the following. The impersonal gerundive governs the accusative case. Sophistici Elenchi, 34, 1: $\pi \hat{\omega} s \lambda \upsilon \tau \acute{e} \upsilon \tau \sigma \upsilon s \lambda \acute{e} \gamma \upsilon \upsilon \lambda \acute{e} \sigma \upsilon \lambda \dot{o} \gamma \upsilon \sigma \upsilon s$. Cf. M., p. 1039 B: quomodo solvendum est orationes et syllogismos. This use appears frequently in the translations.

Again, $a_{\rho a}$ in questions is turned by *putasne* (Sophistici Elenchi, 20, 6: $a_{\rho a}$ oldas = M., p. 1030 A: putasne vidisti), or by *ut putas* (*ibid.* 10, 10 = M., p. 1019 c).

The participle with $a\nu \lambda a\nu \theta a \nu o =$ the participle with latebit. *Ibid.* 17, 19: $\mu\epsilon\tau a \phi \epsilon \rho \omega \nu a \nu \tau \iota s \lambda a \nu \theta a \nu o \iota \tau a \delta \nu \delta \mu a \tau a$. Cf. M., p. 1028 C: Transferens quispiam nomina latebit.

Oùbé = nequidem (not ne ... quidem). Cf. Aristotle, Topica, 1, 4, 5 = M., p. 913 A.

οτι τοσαυταχώς = quod totidem modis. Cf. Sophistici Elenchi, 4, 2 = M., p. 1010 A).

Wherefore it is clear that literal translation is a feature of the style of Boethius. Still he was no slavish transcriber. His object, as has been shown above,¹ was accurately to convey the meaning of the original.

¹ See p. 124.

Consequently he was not at all loth to depart from mere verbal transference, if he could thereby better attain his aim of clearness. His use of examples attests this point. Some of the most striking are :

Sophistici Elenchi, 4, 8: καὶ τὸ περὶ τὸ ἐνύπνιον τοῦ ᾿Αγαμέμνονος, ὅτι οὐκ αὐτὸς ὁ Ζεὺς εἶπεν,

·δίδομεν δε οι εύχος ἀρέσθαι.'

Cf. M., p. IOIIB: et id de Niso et Euryalo cum Rutulos vino somnoque sepultos intellexissent,

Cetera per terras omnis animalia somno Laxabant curas et corda oblita laborum.

Περὶ Ἐρμηνείας, p. 4, 7: κάλλιππος = equiferus. Ibid., l. 20: Φίλων = Cato. Ibid., l. 29: ὑγίεια = cursus. Ibid., p. 6, 28: Καλλίας = Plato. Ibid., p. 17, 3: σκυτεύς = citharoedus. Isagoge, p. 87 C: Ἡρακλειδῶν = Romanorum. Ibid., Ἡρακλέους = Romuli. Περὶ Ἐρμηνείας, p. 5, 17: οὐδὲ γὰρ ἐν τῷ μῦς τὸ ὕς σημαντικόν = nec in eo quod est sorex, rex significat.

From the above illustrations it is plain that the style of Boethius was much affected by his Greek studies, a result which one might naturally expect and to which Georg Bednarz called attention in his article (*De Boethii Universo Colore*, Pars Prior, 1883, p. 32). This trait, though important, is more or less transient. Graecisms are most abundant in the translations, less frequent in the commentaries and comparatively scarce in the remaining works. This is doubtless the influence of Boethius's studies of Cicero. For example, see the table on page 139 under *quoniam*, *quia*, *quod*.

There is one further way in which the influence of translation made itself felt. Out of several modes of expressing a thought there would be a tendency for the translator to adopt one to the exclusion of the others, with the result that out of a number of synonyms one would prevail. The following table illustrates the point.

			Nam	Enim	Namque
Dial. ¹ in Por.			2 I I	229	71
Interpr. Isag.			I 2	70	I
Com. ¹ in Por.			98	412	б
Interpr. Categ.			22	212	17
Com. in Categ			212	636	125

¹ For convenience I adhere to the old terminology. See note on p. 155.

We see here that *namque* is frequent in the *Dialogi*; that it almost entirely lapses in the *Interpretatio Isagogae*, a fact which accounts for its rarity in the *Commentarii in Porphyrium*. It appears more frequently in the *Interpretatio Categoriarum*, a fact which accounts for its frequency in the corresponding commentary. The predominance of *enim* over *nam* in the translations explains the similar relation in the commentaries.

It will be observed that this tendency to use one synonym to the exclusion of its competitors makes for the unification of vocabulary. There is another feature of Boethius's style that makes for the opposite, that is, his evident striving after variety. This, next to the effects of translation, is the most marked characteristic of his style. A few of the innumerable examples I have collected will be enough to enforce the point; a(ab) with the ablative, the ablative alone, and *quam* are used after comparisons. Cf. *Com. in Ciceronis Topica*, p. 1101 A: minus est animal rationale a simpliciter animali. *Ibid.* C: animal maius est homine. *Ibid.*: minus est animal rationale quam proprie animal. Compare also the constructions after *duplus*. *De Arithmetica*, p. 162, 15: duplus a (ab). *Ibid.*, p. 141, 11: duplus ad. *Ibid.*, p. 165, 18: duplus with the ablative. *Com. in Categorias*, p. 218 B: duplus(um) with the genitive.

Item, rursus, amplius. Com. in Ciceronis Topica, p. 1166 A: Item, causarum aliae sunt non spontaneae. *Ibid.*: Rursus, causarum aliae sunt constantes. *Ibid.*: Amplius, causarum aliae sunt voluntariae.

Tamquam, quasi. Com. in Porphyrium, p. 91 C: Fieri autem potest ut res, . . . non quasi genus, sed tamquam species sub alio collocatur.

Quoniam with finite verb and accusative with infinitive in indirect discourse. Editio Secunda $\pi\epsilon\rho$ i Epµ $\eta\nu\epsilon$ ias, p. 362, 18 f.: Siquis dicat Socratem animal esse. Siquis praedicet quoniam Socrates bipes est.

Ac, atque, et, que. Com. in Porphyrium, p. 134 C: Itemque species ac differentia et proprium atque accidens.¹

Therefore, to sum up the foregoing points, any stylistic study of Boethius must take into account two marked influences on his style his methods of translation and his desire for variety. The former influ-

¹ Further illustrations of this tendency may be noted in Engelbrecht's treatise on the style of the *Consolatio*, in *Sitzungsberichte der Wiener Akademie der Wissen*schaften, 1901, pp. 15-36.

ence helps to account for the appearance and disappearance of certain usages; it tends to unification of vocabulary. Though important, it has in many cases only a transient effect. In contrast to this, the second influence—the evident aiming at variety—tends to diversity of diction.

Bearing in mind the foregoing facts, we are now ready to take up our chronological study of the writings of Boethius. Any such research must be based on the painstaking and masterly investigation¹ of Samuel Brandt. Utilizing all the references made by Boethius to his own writings, he has fixed beyond all question the chronology of most of the works. He has made out an almost complete framework, leaving now and then a gap of more or less uncertainty which, I hope, may be at least partly supplied by my investigations. Brandt divides the extant writings of Boethius into five classes and arranges them chronologically as follows : 1. Works on the quadrivium; De Arithmetica, De Musica, De Geometria. 2. Works on the principles of logic; Dialogi in Porphyrium, Commentarii in Porphyrium, Commentarii in Categorias (510 A.D.). 3. Further works on the principles of logic; Editio Prior $\pi\epsilon\rho i$ 'E $\rho\mu\eta$ veías, Priora Analytica, De Syllogismis Categoricis, Editio Sccunda περì Έρμηνείας, Introductio ad Syllogismos Categoricos, De Syllogismis Hypotheticis, De Divisione, Posteriora Analytica. 4. Dialectic proof and its application to Rhetoric; Aristotelis Topica, Sophistici Elenchi, Commentarii in Ciceronis Topica, De Differentiis Topicis. Also, most probably, the Opuscula Sacra. 5. Consolatio Philosophiae (523/4).

Brandt's order is practically certain. I shall take issue with him only in regard to the works on the quadrivium and, possibly, the *De Syllogismis Categoricis*. In fact, I consider it the strongest corroboration of my method, that my conclusions are exactly the same as Professor Brandt's, except in the case of works concerning which there is a reasonable doubt. I hope also to place the *De Divisione* and *Introductio ad Syllogismos Categoricos* a little more definitely than Brandt has been able to do, and to confirm his reasoning as to the position of the *Posteriora Analytica* and *Sophistici Elenchi*.

It appears, therefore, that, excluding the treatises on the quadrivium, there are four classes of works, according to their chronology and

¹ Entstchungszeit und zeitliche Folge der Werke von Boethius, Philologus, LXII, pp. 141-154; 234-279. See also his edition of the Commentaries of Boethius on Porphyry's Isogoge, 1906, pp. xxvi ff., lxxix ff., and cf. below, p. 155.

subject matter. Taking the works the relative dates of which are positively known, I propose to show first that works of a given period markedly agree and that divergencies can be largely explained; if this is not the case, the whole method rests on a sandy foundation and discourages further inquiry. My results are presented in tables. In preparation of these I have noted innumerable stylistic phenomena, including all the conjunctions and particles in the writings of Boethius. I include here only such tests as have significance. In the case of particles not mentioned in my article, Boethius formed no habits which can serve the investigator.

The first class contains the following works : *Dialogi in Porphyrium*, *Commentarii in Porphyrium*, *Commentarii in Categorias*. The tables below will show how they agree in the use of certain particles. It will be noticed that the *Com. in Porphyrium* agrees now with the *Dialogi* and now with the *Com. in Categorias*. The reasons thereof will be explained in passing.

			2			3			
	pp.1	Vero	Sed	Autem	Quodsi	Que	Ac	Atque	Et
Dial. in Por.	57	257	192	147	28	173	II	154	908
Com. in Por.	73	416	252	131	42	117	77	191	650
Com. in Categ.	113	489	500	277	53	214	29	296	1407

These particles show a fairly consistent use on the part of Boethius. *Ac* appears more frequently in the *Com. in Porphyrium* than we should expect. Still, as compared with *ct*, its use is rare, whereas in the late periods it is much more frequent.

	- <u>‡</u>					
	Quidem-sed	Quidem-vero	Quidem-autem			
Dial. in Por	2	2	I			
Com. in Por	23	117	17			
Com. in Categ	35	So	16			

As Rand has shown, the frequency of these correlatives in the two later works is due to the influence of translation, see above, p. 124 f.

	5
	Itaque Igitur Ergo
Dial. in Por	14 123 58
Com. in Por	32 157 30
Com. in Categ	I I29 I39

¹ The pages are reckoned according to Migne. Allowance is made for tables, headings, etc.

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Ergo is used more frequently in the *Com. in Categorias* than in the corresponding work on Porphyry. The preponderance in either case seems due to the influence of translation, as the following figures show.

									Igitur		Ergo	
Interpr.	Isa	ıg.					•		14		8	
Interpr.	Ca	teş	3.			•	•		8		19	
										6		
								Nam		Etenim		Enim
Dial. in Por		•	•	•	•			211		5		229
Com. in Por.			•					98		5		412
Com. in Categ.		•	•					212		5		636

Enim has a heavy lead over nam in the two later works. Translation seems to be the cause. See p. 128.

		7			8		
		Quoniam	Quod	Ideo	Idcirco		
Dial. in Por	•	° I 20	76	39	17		
Com. in Por		159	158	13	65		
Com. in Categ		276	337	30	136		

The influence of translation in the use of all these particles is direct and important. In witness of this, see the notes under the preceding tables and also compare the following :

				41	i i	10	11	
				Quoniam	Quod	Quare	Namque	
Interpr. Isag.				16	5	5	I	
Com. in Por.				159	158	5	6	
Interpr. Categ.		•	•	4	239	35	17	
Com. in Categ.	•	•	•	276	337	113	125	

For ideo and idcirco see p. 126.

As we compare the works of this class we see that the agreements are not so striking as will appear in the remaining classes. This lack of agreement strongly corroborates my results; for we expect the *Com*. *in Porphyrium* to show the influence of translation and hence to differ from the *Dialogi*; we expect the *Com*. *in Categorias* to show still further influence of translation and to differ still more from the *Dialogi*.

I now take up the second class. The principal works are the *Prior* and *Secunda Editiones* $\pi\epsilon\rho$ ' $E\rho\mu\eta\nu\epsilon$ 'as. The tables explain themselves.

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						12			
		pp.	Ru	rsus	Iterun	n Iter	n P	racterea	Insuper
Prior	•	86	I	25	2	I		I	0
Secunda.	•	228	2	35	5	2		0	0
			13					14	
		Cau	isal conji	uncti	ons	With	clauses	in indire	ct discourse
		Quoniam	Quia	a	Quod	Q	uoniam	Quia	Quod
Prior	•	138	29		I I 2		109	3	6
Secunda .	•	369	65		362		287	4	31
			15					16	
		Qu	are Qu	uocire	ca	Enim	Enim Nam		
Prior		9	3	27		473		113	55
Secunda .	•	19	2 97			1249		277	126
		_	17				3	8	
-		Itaque	Igitur	E	rgo	At vero	Vero	Sed	Autem
Prior	•	3	98	1	21	5	142	286	253
Secunda .	•	8	318	3	08	ΙI	465	883	640
			19	•			20		21
		Que	Et	Ac	Atque	Quoque	Etiam	Ita	Sic
Prior		121	900	15	90	126	60	91	39
Secunda .	•	317	2225	45	286	478	211	384	93
		22			23			24	
			Ta	mqua	ım Ut	Q	uidem	Quidem	Quidem
		Id est		si	si		sed	vero	autem
Prior	•	123		31	33		44	34	2 I
Secunda .	•	290		75	65		94	147	85

These are only a few of the tests that show the resemblance between these two works. Some one might say that the striking agreement in style as shown by these tables is due to the fact that the two works deal with the same subject. This is a factor, to be sure, but not necessarily a controlling one, as will be seen from a reference to the tables on p. 152. There it appears that the two works, the *Priora* and *Posteriora Analytica*, differ very materially, though the subject matter is such as to admit of similarities in usage; there is nothing inherent in the two that would necessitate the exclusive use, for example, of *rursus* in the one and *iterum* in the other. The differences noted on p. 152 are due no doubt to the fact that the works belong to different periods. Hence we see that works similar in nature need not necessarily show general agreement in stylistic peculiarities.

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I now come to the third class. These are the Com. in Ciceronis Topica and the De^1 Differentiis Topica.

		25			2	6
	pp.	Quare Q	uocirca	Unde	Enim	Nam
Com. in Cic. Top	118	4	12	14	401	201
De Diff. Top	40	4	6	5	134	60
		27			2	8
	Itaque	Igitur	Erge	>	Rursus	Item
Com. in Cic. Top	37	384	43		42	54
De Diff. Top	15	98	3		20	18

The reappearance of *item* and *itaque* may be due to the influence of Cicero, as the following figures indicate.

	Rursus	I	tem	Itaque	Igitur	Ergo		
Top. Cic	2		10	9	26	2		
		29			30			
	Causa	l conju	nctions		In indirect of	liscourse		
	Quoniam	Quia	Quod	Q	uoniam Qui	a Quod		
Com. in Cic. Top	148	118	152		I O	2		
De Diff. Top	46	24	51		2 0	0		
		31			3	2		
	Autem	Sed	Ve	ro	Quoque	Etiam		
Com. in Cic. Top	142	392	58	I	154	202		
De Diff. Top	73	116	21	9	52	49		
			33			34		
	Que	Et	Ac	Atque	Ita	Sic		
Com. in Cic. Top	312	698	131	310	192	24		
De Diff. Top	77	272	70	93	67	9		
			37	5				
	Quod s	si S	Si vero	Si autem	Sed si			
Com. in Cic. Top	37		6	2	7			
De Diff. Top	13		2	0	5			

¹ To this treatise Usener (Anecdoton Holderi, p. 41) refers as "seinem (Boethius's) verhältnissmässig selbständigsten Werk." But Boethius's method here is really not different from that followed in his other technical treatises. He cites various passages from Cicero and comments on them in the usual fashion. Some of these come from the De Inventione. Compare De Differentiis, p. 1207 B-D, and De Inventione, 7, which deal with the three kinds of rhetoric; also De Differentiis, p. 1208 A: B, and De Inventione, 10, which treat of the five parts of rhetoric. It is also noteworthy that the introduction of the De Differentiis, pp. 1174-1176 D summarizes what has already been said in the two editions of Πepl 'Epµnvelas, in the De Syllegismis

I34

A comparison of the preceding tables shows that works of a given period markedly agree in the use of certain particles—the only particles, be it remembered, which reveal any distinct stylistic tendencies in such works. The question now arises whether there is any marked disagreement in works of diverse times. The following tables are a sufficient answer.

First Class	pp.	Rursus	Item
Dial. in Por	57	14	27
Com. in Por	73	20	40
Com. in Categ	113	72	4
Second Class			
Περι Έρμ. Ed. Prior	86	125	I
Περί 'Ερμ. Ed. Sec	228	235	2
Third Class			
Com. in Cic	118	42	54
De Differ. Top	40	20	18
Fourth Class			
Consol. Philos	46	3	I

In the use of *item* the *Com. in Categorias* shows an affinity with the works of the following class.

	37						
	With clauses in indirect discourse						
First Class	pp.	Quoniam	Quia	Quod			
Dial. in Por	57	3	0	15			
Com. in Por	73	9	0	IO			
Com. in Categ	113	42	0	34			
Second Class							
Περί Έρμ. Ed. Prior	86	109	3	6			
Περί Έρμ. Ed. Sec	228	287	4	31			
Third Class							
Com. in Cic. Top	118	I	0	2			
De Differ. Top	40	2	0	0			
Fourth Class							
Consol. Philos		(1)1	0	(1)1			

Categoricis, in the Introductio ad Syllogismos Categoricos and in the De Syllogismis Hypotheticis.

¹ Consolatio Philosophiae, 2, 4, 77, according to the manuscripts has the reading manifestum est quin. Migne reads quod. Rand would read quoniam. This conjecture would carry great weight if the book had been written ten years previously. As it is, however, such a correction is extremely doubtful.

Quia is used only in the second class. In the first class quoniam and quod are about even. In the second quoniam takes the lead. In the later classes the construction itself is practically abandoned.

		38	
First Class	pp.	Quocirca	Quare
Dial. in Por	57	I	12
Com. in Por	73	7	5
Com. in Categ	113	122	113
Second Class			
$\Pi \epsilon \rho l$ 'E $\rho \mu$. Ed. Prior	36	27	93
Περί Έρμ. Ed. Sec	228	97	192
Third Class			
Com. in Cic. Top	118	12	4
De Diff. Top	40	6	4
Fourth Class			
Consol. Philos	46	0	26

Again the Com. in Categorias agrees with the following works.

		3	9	
First Class	pp.	Itaque	Igitur	Ergo
Dial. in Por.	57	14	123	58
Com. in Por	73	32	157	30
Com. in Categ	113	I	129	139
Second Class				
Περί Έρμ. Ed. Prior	86	3	98	121
Περί Έρμ. Ed- Sec	228	8	318	308
Third Class				
Com. in Cic. Top	118	37	384	43
De Diff. Top	40	15	98	3
Fourth Class				
Consol. Philos	46	17	152	01

Itaque and ergo connect the Com. in Categorias with the second class.

	-10								
	pp.	Q	ue ²	Et		A	1c	Ato	ue
First Class			%		96		%		%
Dial. in Por	57	173	.19	908	Ι.	II	.01	154	.16
Com. in Por	73	117	.18	650	Ι.	77	.12	191	.29
Com. in Categ	113	214	.15	1407	Ι.	29	.02	296	.21

¹ I have not included the Carmina, which contain two instances of ergo.

² Following the method of Lutoslawski, I have taken the most important of a series of synonyms, e. g. et, as the basis of comparison rather than their sum total, that the relation between the several particles may be most patent to the eye.

	-10												
	pp.	Q	ue	Et		Δ	c	Atq	ue				
Second Class			96		%		%		× .				
Περl 'Epµ. Ed. Prior	86	121	.13	900	Ι.	15	.0I	90	.10				
Περί Έρμ. Ed. Sec.	228	317	•I4	2225	Ι.	45	.02	286	.I2				
Third Class													
Com. in Cic. Top	118	312	•44	698	Ι.	131	.18	310	•44				
De Diff. Top	40	77	.28	272	I.	70	.25	93	•34				
Fourth Class													
Consol. Philos	46	286	1.90	150	Ι.	55	.36	94	.62				

Generally speaking, que, ac, atque, as compared with et, appear more frequently in the later works.

Without taking space for tables I may also say that *tamquam si* is a marked feature of the second class. It is found therein at least 110 times. In all the other works put together the amount is less than ten. It is also noteworthy that *autem* far outstrips *vero* in the second class, but earlier and later it falls far behind that particle. This variation is due to translation. For after the *Interpretatio Isagogae*, *autem* is far in the ascendancy.

A glance at the preceding tables will show that the various periods have striking divergencies. It will be noticed that the works of the first period agree with each other less strikingly than the others. This was to have been expected. Boethius was a young man at the time and his style was readily susceptible of change. Furthermore, the influence of translation is apparent here. There are few traces of such influence in the first work, presumably because our author has not yet entered deeply into his Greek studies. The second work, the *Com. in Porphyrium*, may be looked upon as transitional in style. The influence of the Greek is making itself strongly felt. The third work shows the influence of translation in full sway. This conclusion has a radical bearing on our whole treatment. Hereafter I shall no longer follow Brandt in classifying the works of Boethius according to subject matter, but shall use the system which my results seem to demand — a classification according to stylistic peculiarities.

The comprehensive tabular view which follows will show that there are four main classes into which the works of Boethius may be grouped. These classes are clearly distinguished, and yet, in certain details, as is natural, adjoining classes shade into each other.

	pp.	Quidem-sed	Quidem-vero	Quidem-autem	Itaque	lgitur	Ergo		Que		Et		Ac		Atque	
First Class								1	96		%		%	1	%	
Dial. in Por	57	2	2	I	14	123	58	173	.19	908	31.	. 11		154	.16	
Com. in Por	73	23	117	17	32	157	30	117	.18	650		. 77	.12	2 191	.29	
De Arith	71	10	24	6	3	105	52	212	.22	92.1	Ι.	. 17	.01	133	.15	
Second Class																
Com. in Categ	113	35	80	16	I	129	139	214	.15	1407	Ι.	29	.02	296	.21	
Περί 'Ερμ. Ed. Prior .	86	44	34	21	3	98	121	121	.13	900	Ι.	15	.01	90	.10	
De Syllog. Categ. ¹	30	3	0	I	2	119	30	25	.06	398	Ι.	IO	.02	18	.04	
Περί Έρμ. Ed. Sec	228	93	147	85	8	318	308	317	.14	2225	Ι.	45	.02	286	.12	
Transition from Second to Third Class																
De Divisione	15	2	12	18	0	22	15	19	.10	177	Ι.	4	.02	15	.08	
Introd. ad Syl. Cat	26	13	42	13	3	52	5	52	•39	133	Ι.	34	.25	71	.53	
De Syllog. Hypoth	42	8	79	13	12	243	5	39	.14	270	Ι.	27	.10	62	.22	
Third Class																
De Musica	89	14	90	22	II	412	12	320	.51	621	Ι.	243	.39	220	•35	
Com. in Cic. Top	118	17	112	21	37	384	43	312	•44	698	Ι.	131	.18	310	.44	
De Differ. Top	40	9	63	15	15	98	3	77	.28	272	Ι.	70	.25	93	•34	
De Trinitate	61	4	5	0	0	16	I	19	.46	41	1.	15	•35	18	.43	
Pater et Filius	I 1/2	I	I	0	0	7		3		9		7		0		
Quomodo Substant	3	0	2	0	I	23		13		17		0		2		
Eutych. et Nest	142	2	17	0	2	31	3	68	.70	97	۱.	18	.18	59	.61	
Consol. Philos	46	26	38	5	17	152	0	286	1.90	150	Ι.	55	.36	94	.62	
(Do Fide Cath.)	5				9	I	8	19		39		9		22		

¹ I leave this work here for convenience. See discussion on pp. 140-144, 155.

Stylistic Tests and Chronology of the Works of Boethi	us	139
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				_		_														
Namque	Namque postpositive	Nam	Enim	At vero	At vero si	Quemadmodum	Quasi	Quocirca	Quare	Quo	Quo fit	Porro	Porro autem	Quoniam	Quia	Quod	Ita	Sic	Rursus	Item
71	7	211	229	44	6	13	II	I	12	0	0	24	2.4	3	0	15	78	43	Ι.4	27
S	4	98	412	22	I	3	14	7	5	12	12	0	0	9	0	IO	150	9	20	. 40
62	6	85	292	25	9	42	7	0	18	0	0	3	3	0	0	6	57	37	105	8
		5		5	-							5	J				51	57		
125	79	212	636	19	5	22	12	122	113	0	0	2	I	42	0	34	150	31	72	4
55	49	113	473	5	I	ıS	3	27	93	0	0	0	0	109	3	6	91	39	125	I
12	0	91	159	3	0	3	5	0	3	0	0	I	I	12	3	1.4	30	40	5	34
126	107	277	1249	11	2	63	33	97	192	0	0	2	2	287	4	31	384	93	235	2
			1.5					51	-								5 1			
15	14	17	75	0	0	I	7	4	6	0	0	0	0	I	0	I	17	13	25	I
17	13	47	IOI	0	0	0	4	6	4	5	5	0	0	0	0	I	26	3	9	29
2 6	18	115	181	9	I	0	3	26	4	20	18	0	0	6	19	4	153	19	26	26
		5		-			Ŭ,								-		00	-		
17	7	76	223	3	0	4	36	21	2	6	6	о	0	IO	I	0	120	IO	99	43
56	47	201	401	15	0	I	37	I 2	4	25	25	2	I	I	0	2	192	24	42	54
9	8	60	134	3	0	0	19	6	4	4	4	о	0	2	0	0	67	9	20	18
2	0	20	41	0	0	2	13	2	4	0	0	0	0	I	0	0	19	I	6	3
0	0	3	3	0	0	0	0	0	0	3	3	0	0	0	0	0	I	0	I	I
0	0	4	15	I	0	0	0	0	0	0	0	0	о	0	0	0	1	0	0	0
0	0	19	63	0	0	0	7	4	0	0	0	0	0	0	0	0	23	0	5	4
16	16	SI	116	2	0	0	19	0	26	13	13	2	I	(1)	0	0	79	22	3	I
0	0	I	3	0	0	2	I	0	0	0	0	0	0	0	0	0	S	0	3	0

The classes presented in the preceding table are as follows:

First Class. — Works in which the influence of translation is little felt, as the *Dial. in Porphyrium*, or in which such influence is manifesting itself, as the *Com. in Porphyrium*. I call this the transitional period.

Second Class. — The influence of translation is paramount; Com. in Categorias, $\Pi \epsilon_{\rho}$ 'Epunyveias, Editio Prior and Editio Secunda. I call this the Greek period.

Third Class. — Works in which the influence of Cicero is felt; Com. in Cic. Topica, De Differentiis Topicis. I call this the Ciceronian period. Fourth Class. — Consolatio Philosophiae.

Since these classes are clearly defined, it remains only to fit in the somewhat less certain works, most of which Brandt has placed to a greater or less degree of certainty. Of these the *De Syllogismis Categoricis* seems to go between the two *Editiones* $\pi\epsilon\rho$ i 'Epµµveías and after the *Priora Analytica*. The *Introductio ad Syllogismos Categoricos* was written after the *Prior Editio*. Whether it antecedes the *De Syllogismis Categoricis* Brandt cannot determine. The *De Syllogismis Hypotheticis* follows the *Editio Secunda* and precedes the *Commentarii in Ciceronis Topica*. The *De Divisione* was written before the *De Differentiis Topicis* and probably after the works on interpretation.

Practically every test in the preceding table shows that the *De Divisione* is transitional between the works of the second and third periods.

The rarity of quidem ... autem, ergo, quoniam, quia, quod, sic, and the frequency of que, ac, atque, quo, quo fit ally the Introductio ad Syllogismos Categoricos with the third period. Hence I place it later than the second edition of $\Pi \epsilon \rho i E \rho \mu \eta \nu \epsilon i \alpha s$. The same may be said of the De Syllogismis Hypotheticis.

The *De Syllogismis Categoricis* is a peculiar work. The most cursory perusal will show that the book is *sui generis* among the writings of Boethius. It is characterized by a marked paucity of stylistic phenomena and by a brevity strained to the utmost. In fact, at first sight it might appear that this work is the breviarium referred to on p. 251, Il. 9–15, of the second edition of $\Pi\epsilon\rho i$ 'Epµηveas. Brandt (*Entstehungszeit*, p. 257) has exploded this theory. His conclusion is strengthened by the character of the introduction of the *De Syllogismis Categoricis*. This procenium is elaborate and by no means leads us to anticipate the brevity of the body of the work. After the elaborate

introduction come a few words that furnish a clue to the style to be expected (M., p. 794 c-D): inchoandum nobis est illo prius depulso periculo ne a quoquam *sterilis* culpetur oratio. Non enim eloquentiae compositiones sed planitiem consectamur: qua in re si hoc efficients quamlibet *incompte* loquentes intentio quoque nostra nobis perfecta est.

Sterilis and incompte are terms particularly applicable to the style of the work in question. A good example of the former quality is seen in the way Boethius employs illustrations. To illustrate a declarative sentence, we find, *De Syllogismis Categoricis*, p. 797 B: Socrates ambulat. With this it is interesting to compare the *Introductio ad Syllogismos Categoricos*, p. 767 B, where to illustrate the same kind of sentence we find Virgil's words:

Est mihi disparibus septem compacta cicutis Fistula.

How applicable *incompte* is to the style of our work is shown from the following, — not that the usages are found exclusively in this work, but that they are so frequent as to be particularly noticeable.

The preposition *ad* appears very often in the sense of *secundum*; p. 799 B: ad quantitatem (cf. p. 800 D: secundum quantitatem); p. 799 C: ad eundem ordinem; p. 797 A: ad placitum (cf. p. 795 C: secundum placitum).

The constructions with *participo* are also noteworthy, p. 799 A: participat *ad* utrosque terminos; with *in* and the ablative, p. 798 C; with the ablative alone, p. 798 C; with the dative and the ablative after *in*, p. 798 C: *in* nullo *sibi* participantes. In the *Dialogi in Porphyrium* we find the genitive, e.g., p. 62 A: *sui* participari; the accusative alone in the *Interpretatio Aristotelis Topicorum*, p. 945 B: C; also the preposition *a* (*ab*) with ablative, $\Pi \epsilon \rho i$ 'Epµnveías, *Ed. Sec.*, p. 18, l. 17.

Another unusual construction is *abundo* with the ablative in comparison, p. 804 B: *homine* animal abundat; with this compare *Dialogi in Porphyrium*, p. 35 C: *maius* est animal *ab homine*.

Again within a short compass we have five instances of such an unusual collocation as *acquale est ac si diceres* (dicas), p. 807 D f.

Another striking fact in the style of the *De Syllogismis Categoricis* is the rarity of the *quidem* . . . *sed*, *vero*, *autem* correlatives. In fact, on first sight the seeming rarity of the equivalents for the Greek $\mu i \nu$

 $\ldots \delta \epsilon$ might lead us seriously to question the validity of applying the stylistic method to Boethius at all, if indeed the work in question were not so abnormal in many ways. This irregularity manifests itself particularly in conciseness of diction, as has already been shown. Though this trait would account for the rarity of the quidem constructions, yet, even as it is, we find several instances. Brandt (Boethii in Isagogen Porphyrii Commenta, Leipzig, 1906, p. lxxxi) has enumerated these, as follows, quidem ... autem once and quidem ... sed three times. These are far fewer than one might expect, yet he would be rash indeed who would throw over the entire method when it fails in a work so abnormal as the De Sullogismis Categoricis. The peculiar style of this work has struck the attention of others besides myself. Rocco Murari (Dante e Boezio, Bologna, 1905, p. 92), who has made a careful study of our author, is so impressed with the difficulties involved in the attempt to reconcile the character of the De Syllogismis Categoricis with that of Boethius's other works, that he cuts the Gordian knot by declaring the first book of the *De Syllogismis Categoricis* to be spurious. He thinks the second book of the De Syllogismis Categoricis belongs to the Introductio ad Syllogismos Categoricos, considering the first book a mediaeval abridgment of the Introductio. I had already noticed that the second book of the De Syllogismis Categoricis closely resembled the Introductio; e.g. praedico with de and the ablative is very frequent in the second book of the De Syllogismis Categoricis. This is the regular construction in the Introductio, whereas in the first book of the De Syllogismis Categoricis, praedico appears very often with in and the ablative, ad and the accusative, only twice with de and the ablative. Other resemblances are as follows :

De Syllog. Categ. lib. II Introd. ad Syllog. Categ.		с •	թթ. 16 26	Igitur 96 52	Ergo 9 5	Sicut 8 4	Utsi 6 14	Quasi 4 4
			Quare	Unde	Quoqne	Etiam	Quod si	Vero
De Syllog. Categ. lib. II			3	3	23	II	2	SI
Introd. ad Syllog. Categ.	•	•	4	2	39	16	6	119
						Causa	ıl conjuncti	ons
			Sed	Autem	Q	ioniam	Quia	Quod
De Syllog. Categ. lib. II			52	29		31	4	16
Introd. ad Syllog. Categ.			67	58		33	8	31

The rarity of the *quidem* collocations still calls for comment (the one instance of *quidem* . . . *autem* occurs in Book II), but perhaps it is due to the fact that fully one half of the book, which contains but 22 columns of Migne in all, is taken up with model syllogisms; these and the preceding and accompanying comment seem hardly to call for the construction at all. It might occur oftener than it does, but the case is not paralleled by the *Dialogi in Porphyrium*, which in 62 columns (57 with allowances for figures, etc.) has only 5 instances of *quidem* . . . *sed*, *vero*, or *autem*.

Further, if we may, for the moment, accept Murari's conjecture, exclude Book I as spurious, and consider Book II as contemporaneous with the *Introductio*, certain tendencies to which my statistics point, appear in clearer light. *Ergo, enim, item* now show a continuous development. Beginning with the *De Arithmetica* and continuing through the second book of the *De Syllogismis Categoricis, quoque* outnumbers *etiam* two to one; from the *De Syllogismis Hypotheticis* the relation is reversed. In the first and third periods *vero* surpasses *sed* at least two to one; in the second period the relation is reversed.

I hesitate to accept Murari's view, although it harmonizes so well with my results, until the whole question has been investigated again, and the oldest manuscripts of the *De Syllogismis* have been collated.¹ The theory must confront, first of all, Brandt's very probable demonstration (*op. cit.*, p. 245) that the work contains too many additions to be an excerpt from the *Introductio*. But why could it not be an excerpt from a lost work on the same subject, the existence of which Brandt proves (p. 259) — the *Categorica Institutio*? And, further, why is not this work (referred to variously as *Categorica Institutio*, *De Praedicativis Syllogismis*, *De Categoricis Syllogismis*) the original pro-

¹ The title of the work in one book is given in a number of the earlier manuscripts as *Liber Ante Praedicamenta*; e. g. Valenciennes 406, S. IN/N; Munich 6372, S. N/NI (ANTE PERIERMENIAS); Orléans 267, S. N/NI; Chartres 100, S. NI. The work in two books, on the contrary, often bears the title which appears in the editions for that in one book, i. e. *Liber Introductionis in Categoricos Sydlogismos*. Cf. besides the preceding, Munich 6370, S. N; Chartres 74, S. N. The title *de Categoricis Sydlogismis* (or the like) appears in various later manuscripts (e. g. Orléans 265, S. NIV), none earlier than Tours 676, S. XII/NIII. This array of witnesses, though by no means complete, warrants the suspicion that our printed text derives from a late and inferior source.

duction that appeared between the first and second editions of the commentary on $\Pi \epsilon \rho i$ ' $E \rho \mu \eta \nu \epsilon i \alpha s$? Such a work, just as Brandt suggests, would treat the subject somewhat more fully than the *Introductio* or the extant *De Categoricis Syllogismis*, although it did not exceed the limits of *duo libelli* (M., p. 833 B). In that case, the *Introductio* may be after all the *breviarium* of which Boethius speaks (Meis., II, 251, 8), just as Usener surmised (Brandt, p. 258). But, apart from these possibilities, as it seems clear from other grounds than those presented by me that Book I is an abnormal affair, whether written by Boethius or not, I feel justified in excluding it from our present consideration. Granting the abnormality of the work, the evidence of stylistic tests, becomes a remarkable attestation of its validity; such exceptions are of the kind that prove the rule.

It may now be well to summarize, the preceding points. Checking my results by Brandt's conclusions and proceeding on the basis that works of a given time agree and works of diverse times disagree, I would place in the following order the works already treated.

Transitional Period: Dialogi in Porphyrium; Com. in Porphyrium. Greek Period: Com. in Categorias (510 A.D.); Περὶ Ἐρμηνείas, Ed. Prior; Περὶ Ἐρμηνείas, Ed. Sec.; De Divisione; Introductio ad Syllogismos Categoricos; De Syllogismis Categoricis, lib. II (lib. I possibly spurious); De Syllogismis Hypotheticis. Ciceronian Period: Com. in Ciceronis Topica; De Differentiis Topicis. Last Period: Consolatio Philosophiae.

Thus far, leaving out the abnormal *De Syllogismis Categoricis*, my results corroborate the facts adduced by Professor Brandt. If my method is substantiated in the case of undisputed works, may we not with confidence apply it to the rest? The most important of these are the *De Arithmetica* and the *De Musica*. To make clear the position of these works, it will be necessary, test by test, to show from the tabular view the relationships and differences of the various works and classes. That such tests might be found Professor Rand was the first to observe (*Traktat De Fide Catholica*, p. 436). He noticed that collocations with *quidem* were a marked feature of works later than the *Dialogi in Porphyrium*. This usage seemed to arise from the habit our author had of turning $\mu \epsilon \nu \ldots \delta \epsilon$ by *quidem* \ldots sed, vero, autem. Rand found this usage well established in the works on the quadrivium.

Hence he argued that these works were later than the *Dialogue*. Comparing the use of the conjunctions *ittque*, *igitur*, *ergo*, he was also disposed to deny the authorship of the *De Fide* to Boethius. Professor Brandt (*Entstehungszeit*, pp. 146 f.) thought that the stylistic method, to have value, must be based upon the many references of our author to his own works. As Brandt himself has furnished us this basis for our investigation, I propose now to supplement Professor Rand's work by including many more tests. Referring to the table on pp. 138 f., I will take each test separately and show in detail its place in the general scheme.

The *quidem* collocations are rare in the *Dialogi*. Hence works that show the frequent use of them will be expected to belong to a period later than that work.

Itaque is rare during the second period.

Ergo is frequent in the first period, in the second vies with *igitur*, and later almost disappears.

Que and ac are far more frequent in the third than in earlier periods. The same may be said of *atque*.

Namque appears less and less frequently. It is rarely postpositive at first, later usually so.

Nam is as frequent as enim only in the *Dialogi*. Why the latter particle outstripped the former is shown above, p. 128.

At vero is frequent only in the early works. The same is true of at vero si.

Quemadmodum is very frequent in the first two periods, but later is hardly found at all.

Quasi is frequent from the end of the second period.

Quocirca and quare are frequent in the second period, which fact is due to translation. (See above, p. 132). Quo fit and quo in the sense of therefore, except for an eccentric appearance in the commentary on Porphyry, date from the transition between the second period and the third. Porro and porro autem are frequent only in the Dialogi. The quoniam, quia, quod clauses are frequent only during the Greek period. Sic as compared with *ita* is rare in the third period. Item, except for the abnormal De Syllogismis Categoricis, is rare in the second period.

Now we are ready to apply these tests to the *De Arithmetica* and the *De Musica*. Professor Brandt considers that they belong together

and must be accounted the first of Boethius's extant writings. He does this, relying upon a seemingly plain statement of our author to that effect in *De Arithmetica*, p. 5, ll. 19–24: Recte ergo, quasi aureos Cereri culmos et maturos Baccho palmites sic ad te *novi operis* rudimenta transmissi. Tu tantum paterna gratia nostrum provehas munus. *Ita et laboris mei primitias* doctissimo iudicio consecrabis et non maiore censebitur auctor merito quam probator. *Primitias* seems to imply that this was the maiden effort of Boethius, *novi operis* referring to the recent accomplishment of the work. Still, as Professor Rand has pointed out, these words need imply only that our author has begun a new task.

As to Brandt's contention that these works come first and go together, a glance at the tabular view, pp. 138 f., will show that they do not belong to the same period. Instead of resembling each other in most stylistic criteria, as the other works of a given period do, they markedly disagree. Professor Brandt in a personal letter has suggested that this disagreement is due to the fact that the sources of the two works are different, for as has been shown, the sources have a marked influence on the style of a work. I had already noticed that with a new subject new words and constructions would come in, e.g. Dico quia, De Musica, p. 303, 4; Pone, De Arithmetica, p. 78, 30: 79, 7:14. These criteria, however, are not the kind on which I rely, criteria such that when they have started, appear on almost every page of a work, e.g. et, autem, etc. Furthermore, if Professor Brandt's suggestion holds, we should find the diction in the two works very uneven, for their sources are manifold. The following tables will show that the use of a given particle in either work is fairly consistent. In each work the first sum under a given word, e.g. autem, is the total number of times it appears in the whole work. The figure just under is the number of times that word is found in the first half of the book.

					18.45						
		Ac	At	Atque	Autem	Enim	Et	Etiam	Igitur	Ita	Nam
De Arith	•	17	36	I 33	203	292	924	54	105	57	85
		12	17	76	102	146	44 I	24	51	26	39
De Musica		243	II	220	170	223	621	71	412	I 20	76
		155	I	105	66	91	277	43	171	61	38

I have chosen these criteria alphabetically. The figures are fairly constant. Hence I conclude that stylistic divergencies in the two works are not due to diverse sources.

I come now to the other of Professor Brandt's contentions, namely, that the works on the quadrivium are the earliest of Boethius' extant writings. I had accepted this as the true view all the while that my material was collecting. When I began to study my results it was borne home to me that the *De Musica* was about as different as could well be from the *Dialegi*, which must have followed it within a few months if Brandt is correct. A glance at the tabular view (pp. 138 f.) will enforce this divergence. Cf. also these tables.

					-13							
					A	t	Nai	n si		Quemad-		
				pp.		%		%	Etiamsi	modum 1		
Dial. in Por.				57	46	Ι.	79	Ι.	IO	I		
De Musica .	•	•	•	89	II	.15	19	.14	0	I 2		
				Deinceps	Invicem	Ut puta	Vere	Atsi	Ideo	Verum		
Dial. in Por.				0	I 2	5	ΙI	0	39	0		
De Musica .		•		IO	I	0	0	4	ΙI	8		

Besides there are 53 other tests consisting of particles that appear from one to seven times in one of the two works and not at all in the other. Hence it hardly, seems likely that the *De Musica* was written only a short time previous to the *Dialogi*.

If the *De Arithmetica* and *De Musica* do not belong to the first period nor together, where do they come in the chronology of Boethius' works? A reference to the tabular view on pp. 138 f. will answer that question.

To begin with the *De Arithmetica*, the *quidem* collocations place it later than the *Dialogi*.

Itaque places it at the beginning of the second class.

Ergo places it before the third class.

Que, et, ac, atque show the same thing.

So also with namque.

Namque postpositive allies it with the Dialogi.

Enim compared with nam shows that it is later than the Dialogi.

At vero, at vero si, quemadmodum place it before the second class.

Quasi places it before the third class.

Quocirca, quare, quo, quo fit show that our work was written before the influence of translation became paramount.

Porro places it later than the Dialogi.

¹ In questions.

Quoniam, quia, quod in clauses of indirect discourse place it before the full Greek period.

Sic places it before the third period.

Rursus places it later than the Dialogi.

Item allies it with the second period.

There is a further criterium which has a strong bearing on the date of our work, i. e. the expression of the definite article, e. g. $\tau \delta \tau \rho \epsilon \chi \epsilon \mu \tau =$ id quod est currere. I have treated this at length above, pp. 126 f. This idiom does not occur in the *Dialogi*, nor in the *Com. in Porphyrium*, nor in the *De Arithmetica*. It begins with the *Interpretatio Isagogae* and the *Com. in Categorias*. After that it is found in all the important works and especially in the *De Musica*. As has been shown above, the appearance of this construction is due to translation.

Therefore, taking all these criteria into consideration, I conclude that the *De Arithmetica* was written after the influence of translation began to make itself felt and before it became paramount, that is, just before the *Com. in Categorias.*

Now for the *De Musica*. The *quidem* collocations place it later than the *Dialogi*. The same may be said of *enim* as compared with *nam*. So also of *porro*, *porro* autem. Namque, namque postpositive, at vero, at vero si, quocirca put it later than the first class. So also the definite article (see above, pp. 126 f.). Ergo, que, et, ac, atque, quemadmodum, quasi, quare, quo fit, quoniam, quia, quod, and sic compared with *ita* place it later than the second class. Rursus puts it later than the *Dialogi*. Item allies it with the third period. Accordingly, on the basis of these facts, I conclude that the *De Musica* was written after the transitional period and probably along with the works on the *Topica*.

I turn now to the *De Geometria*. As regards the authenticity of this work much has been said pro and con. For my purpose the most suggestive of the writers on this subject is Professor Rand; for taking a hint from his tests, that is, the *quidem* collocations and *itaque*, *igitur*, *ergo*, he conjectured that the *Interpretatio* was by Boethius and that the *Ars* was spurious. Georgius Ernst in his interesting article entitled, *De Geometricis illis quae sub Boethii nomine nobis tradita* sunt quaestiones, 1903, agrees with Professor Rand.

My collations confirm the conclusions of these scholars. The following tables show my results.

		1 6	45						
	Quidem-vero	Quidem-autem	lgitur	Ergo	Itaque				
De Geom. Inter.	. 5	3	2 I	I	I				
Ars	• 0	0	19	I 2	б				

All illative particles in the *Ars* are found only in the postpositive position, a phenomenon appearing elsewhere only in the *De Fide Catholica*, if indeed that is to be attributed to Boethius.

If the Ars is by Boethius, Brandt, to be consistent with his argument in regard to the position of the *De Musica* (see below, pp. 155 f.), would hold that the *Ars* immediately follows the *De Musica*. They are too divergent in style, however, to admit of this possibility. Cf. these tables:

						46		
				pp.	Que	Et	Ac	Atque
De Musica	•	•		89	320	621	243	220
Ars	•	•	•	18	33	103	3	2
						47		
				Quare	Quapropter	Quo	Unde	Quocirca
De Musica		•	•	2	0	6	15	2 I
Ars	•	•	•	0	I	0	0	0

With the exception of *quapropter*, particles of this sort are not found in the *Ars*.

					4.5									
					Namque	Nam	Etenim	Enim						
De	Musica	•	•		17	76	7	223						
Ars		•	•	•	I	2	8	II						

Etenim in the *Ars* is always postpositive. This is not true in the case of the genuine works.

					-19			50	
				Hoc est	Id est	Ut		Quoque	Etiam
De Musica				0	171	105		59	71
Ars	•	•	•	Ι7	61	I		I	II
						51			
					Causa	l conjuncti	ons		
				Que	oniam	Quia	Quod		
De Musica	•	•			149	10	93		
Ars					5	9	0		

There are many other words that strike the eye in the Ars which are almost entirely wanting in the genuine works, e.g.:

Esto age		•	5	Esto modo		I	Qua de re		•	I
Hoc pacto .			4	Protinus .		2	Videlicet .			IO
Modo with sub	ij.		6	Ob id		I	Imprimis .			3

Hence, if the Ars is to be ascribed to Boethius, it is abnormal in the extreme.

This divergence in style is seen also in a comparison of the ways in which the Ars and the undisputed works introduce illustrations, demonstrations, tables, e.g. Ars, p. 407, 11 f.: ut subjecta docet formula. There are twenty-eight such illustrations in the Ars. Of these only two are introduced in the same way. In the undisputed works the number is ninety; of these more than half are used twice at least. Moreover, these collocations are much more wordy in the Ars than in the undisputed works. Also only one¹ used in the Ars is found in the undisputed works, whereas more than half of those used in any of the undisputed works are met in the other writings. This fact is not due to any difference in the subject matter; for the words of which the collocations are formed are identical. The difference is due to the fact that they are more involved in the Ars. The following will illustrate. Cf. De Arte Geometrica, p. 419, 7 f.: ut infra scripta perspici potest in forma, and De Musica, p. 275, 25: id patefaciet subjecta descriptio. In the Ars, the introductory word is usually a pronoun, adverb, participle, or verb, e.g. in the preceding, *infra*, an adverb, is the word that refers to the following figure. The adverb furnishes 40% of the instances in the Ars, but only 3% in the undisputed works. In the undisputed works the pronoun is the favorite, supplying 50% of the instances. In the Ars the percentage is only 163.

As for participles, the same words appear in both the Ars and the undisputed works, but in the Ars the oblique cases prevail over the nominative, whereas in the genuine writings the reverse is true. Taking all these facts into consideration, I am inclined, therefore, to believe that Boethius did not write the Ars.

¹ Ars, p. 392, 4: ut subject a descriptio monet, cf. De Musica, p. 246, 27. Even this solitary instance occurs in one of the three demonstrations which probably are excerpts from the Ars of Boethius.

Now what about the *Interpretatio?* Though the available tests are necessarily few, yet what few there are go to show that it was excerpted, at least, from Boethius, as Professor Rand has conjectured.

The first test that merits attention is this. Boethius's method of translation, that is, literal transference — see above, p. 124 — is much in evidence. Here are some examples. *De Geometria*, p. 390, 25: quod oportebat facere ($\delta \pi \epsilon \rho$ $\epsilon \delta \epsilon \iota$ $\pi \omega \eta \sigma \omega \iota$); cf. Heiberg¹: quod oportebat fieri. Again, p. 386, 5: dupla sunt his quadratis ($\delta \iota \pi \lambda \dot{\alpha} \sigma \iota \dot{\epsilon} \sigma \tau \iota \tau \sigma \hat{v} \ldots \tau \epsilon \tau \rho \alpha \gamma \dot{\omega} v \sigma v$); cf. Heiberg, duplo maiora sunt quadrato.

Again $d\lambda\lambda\eta\lambda\omega\nu$ is turned by *invicem*, as is the custom with Boethius. $\delta\iota\dot{a}\tau\dot{o}$ is turned by *propter quod hoc*, a phrase very common in Boethius; see above, p. 126. Such constructions are wanting in the Ars.

In leaving the *De Geometria*, I conclude, therefore, that the *Inter*pretatio is probably genuine and that the *Ars*, with the exception of the demonstrations, pp. 390-92 (see Ernst, p. 24), is almost certainly spurious.

Turning from the Interpretatio Euclidis to the other translations, I shall not need to discuss the Isagoge, Categoriae, and $\pi\epsilon\rho\lambda$ 'Epµ $\eta\nu\epsilon'\mu\alpha$ s; for their respective commentaries determine their dates. Of the remainder, the following tables show that the Aristotelis Topica and Sophistici Elenchi go very closely together, even as Brandt has argued.

					52				53	
				Causa	ul conju		In indirect discourse			
			pp.	Quoniam	Quia	Quod	1	Quonian	n Quia	Quod
Aris. Top	•	•	95	50	102	131		159	2	182
Soph. Elench.	•	•	30	16	23	23 31		24	0	56
			D							
			and rurs	sum Amp	lius	N	amque	Na	m	Enim
Aris. Top	•	•	73	12	20		I	58	5	525
Soph. Elench	•	•	14	2	22		0	17	5	106
				56					57	
			Vero	Sed	А	utem	1	taque	Igitur	Ergo
Aris. Top	•		127	206	1	191		3	144	34
Soph. Elench.	•		62	126		401		I	84	II
				58					59	
								Quidem	Quidem	Quidem
			Quo	Unde Q	uocirca	Quare		sed	vero	autem
Aris. Top	•		0	I	2	171		I	58	305
Soph. Elench.	•	•	0	I	0	50		2	20	97

¹ Heiberg et Menge, Euclidis Opera, I, p. 13, 17.

Therefore the *Sophistici Elenchi* probably followed close upon the heels of the *Topica*.

The following tables will lead to the opposite conclusion in regard to the two *Analytica*.

	Rursus 60									61					
					pp. ar	nd rursum	Iterum	Ampliu	15	Itaque	lgitur	Ergo			
Priora Anal.	•	•		•	70	97	I	31		2	81	271			
Post. Anal.	•	•		•	47	0	35	35		21	161	37			
						62					63				
					Namque	Nam	I	Enim			Eo quo	d			
Priora Anal.	•			•	0	247		484			53				
Post. Anal.	•	•		•	18	3		40 7			5				
						64				e	35				
					With ind	direct disc	ourse					~			
					Quoniam	Quia	Quod		Sed si	Sia	utem	Si vero			
Priora Anal.	•	•		•	319	2	8		9		8	141			
Post. Anal.	•	•		•	88	бі	140		7	2	24	18			
							66	Quema	d-						
					Ut	Sict	ιt	modun	n T	'anquar	m				
Priora Anal.	•	•		•	219	2		37		I					
Post. Anal.				•	181	69		2		16					

It is clear that these two works differ materially. Professor Brandt has shown that the former was translated before the *De Syllogismis Categoricis* appeared and probably later than the $\Pi \epsilon \rho \lambda$ ' $E\rho \mu \eta \nu \epsilon i \alpha s$, *Editio Prior*. The *Posteriora* preceded the *Com. in Ciceronis Topica*. From the preceding tables it will appear that there was a considerable lapse of time between the two *Analytica*, bringing the *Posteriora* into line perhaps with the *Aristotelis Topica* and *Sophistici Elenchi*. This supposition is confirmed by one striking stylistic peculiarity, namely, the use of *utique*, in several of the translations, to express the particle $\tilde{\alpha}\nu$. This usage appears not at all in the *Isagoge*, once in the *Categoriae*, not at all in the $\Pi \epsilon \rho \lambda$ ' $E\rho \mu \eta \nu \epsilon i \alpha s$, once in the *Priora Analytica*, but seventy-five times in the *Posteriora*, twenty-four in Aristotle's *Topica*, and five in the *Sophistici Elenchi*. I conclude, therefore, that there is an intimate connection between the three latter works.

The *Opuscula Sacra* are too brief definitely to be placed by our method. I think, therefore, that Professor Rand was a little hasty in denying the *De Fide* to Boethius when he based his argument, in part, on dissimilarity in style. It is true, we find more instances of *itaque*

than we should expect and, what is even more significant, this particle is always postpositive, a condition not elsewhere exemplified in Boethius save in the spurious Ars Geometria. Yet we find some marked Boethian traits, e. g. De Fide, l. 42, ut quia, cf. ut quoniam, Introductio ad Syllogismos Categoricos, p. 774 B, $\Pi \epsilon \rho \lambda$ 'E $\rho \mu \eta \nu \epsilon \omega s$, Ed. Sec., p. 90, 29. This collocation arises from the Greek; cf. Aristotelis Topica, 955 B, C and often: $\delta \alpha \nu \epsilon \pi \epsilon \epsilon = ut$ quia. It is also worthy of notice that Boethius and the author of the De Fide arrange their material in a similar fashion; hactenus is a favorite word with which to conclude a paragraph. Therefore, relying merely on stylistic grounds I should hesitate to deny the De Fide to Boethius.

In regard to the other *Opuscula* suffice it to say that a comparison of the criteria in the tabular view would seem to place them later than the second period. If so, the date¹ 512, before which the fifth could not well have been written, is corroborated. There is nothing in my results to substantiate the view of Usener² and others that the *Opuscula Sacra* are merely youthful exercises of Boethius.

Having thus traversed the whole series of Boethius's extant writings, I may briefly recapitulate the results of this examination. The so-called stylistic method is a recognized form of investigation, applied notably in the case of Plato. In any stylistic study of Boethius two traits must be taken into account. There is, first, the influence of translation on his style. Translation tends to explain new phenomena in style. It tends to unification of vocabulary. Its influence is more transient than one might anticipate. The second trait is Boethius's marked desire for variety.

Bearing these influences in mind and basing my study on Professor Brandt's researches as a framework, I have shown that works of a given period agree and works of a different period disagree. Then I classified them stylistically, giving up Professor Brandt's classification, based on subject matter. I have shown that my criteria fit in exactly with all the arguments, inductive and deductive, that Professor Brandt has formulated. Barring the dubious *De Syllogismis Categoricis*, the sole exception is offered by the works on the quadrivium. There is a reasonable doubt concerning the place of these works. If my criteria have stood

¹ Hildebrand, Boethius und seine Stellung zum Christentume, 1885, p. 249 ff.

² Anecdoton Holderi, p. 54 f. See Rand, op. cit., p. 436.

the test in other respects may we not with confidence rely on them to place the *De Arithmetica* and *De Musica*? Doing so, I have shown that these two works manifestly disagree; that this disagreement is not necessarily due to a difference in subject matter and that it cannot be attributed to a difference in sources. I have also shown that the *De Musica* differs too much from the *Dialogi* immediately to precede it. Following my tests, I have placed the *De Arithmetica* at the close of the transitional period and the *De Musica* in the third period.

As to other works, the peculiar style of the *De Syllogismis Categoricis* is not such as to endanger the whole fabric of my argument, whether we call Book I spurious and Book II a part of the *Introductio ad Syllogismos Categoricos*, or see in the work as it stands a sort of rough compendium which our author later reworked into the *Introductio*. The *De Divisione* is to be allied with the works of the second period rather than later. The *Introductio ad Syllogismos Categoricos*, though belonging to the second period, shows affinities with the third. As to the *De Geometria*, the *Interpretatio* is probably genuine, whereas the *Ars* is spurious. Aristotle's *Topica* and the *Sophistici Elenchi* are intimately connected. The *Posteriora Analytica* is to be placed closely with these and considerably later than the *Priora*. Lastly, stylistic tests are too few to settle the genuineness of the *De Fide Catholica*.

To conclude this summary, I present a complete scheme of the extant works. Transitional period : *Dialogi in Porphyrium*; *Com. in Porphyrium*; *De Arithmetica*. Greek period : *Com. in Categorias* (510 A.D.), $\Pi \epsilon \rho i$ 'Eρμηνείας, *Editio Prior*; *Priora Analytica*; $\Pi \epsilon \rho i$ 'Eρμηνείας, *Editio Secunda*; *De Divisione*; *Introductio ad Syllogismos Categoricos*; *De Syllogismis Categoricis*, *lib*. II (*lib*. I possibly spurious); *De Syllogismis Hypotheticis*. Ciceronian period : *Posteriora Analytica*, Aristotle's *Topica*, *Sophistici Elenchi*, *De Musica*, *Interpretatio Euclidis*¹ (*Ars Geometrica* is spurious), *Com. in Ciceronis Topica*, *De Differentiis Topicis*, *Opuscula Sacra* I, II, III, V (IV is uncertain). Last period : *Consolatio Philosophuae* (523/4).

In the beginning of my paper I implied that any such study as I have undertaken, to be of value, must serve to give us a deeper insight

¹ I assume this place for the *Interpretatio Euclidis*, though as far as my data are concerned it may have come later.

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into the character of our author. What have the present results contributed to this end? One thing at least. If the *De Arithmetica* and *De Musica* were not written first of Boethius's works nor together, we must place a new estimate on our author's temperament and habits. The current idea is well expressed in the words of Professor Brandt,¹

Brandt also recurs to the scarcity of quidem collocations in the first commentary on Porphyry. He thinks that although Boethius may have used them in earlier works, yet he may have laid them aside, for the time being, not meeting with them in Victorinus's translation of Porphyry. As a parallel, Brandt adduces the use of porro autem. This occurs 24 times (Brandt's figures) in the first commentary on Porphyry, rarely elsewhere (see table, pp. 138 f.). He supposes that Boethius, noticing the solitary instance in Victorinus's translation, with a few more that may have dropped out of our text, took a notion to porro autem and used it freely, later abandoning it. Now this is exactly the sort of evidence to which I have been appealing in this discussion. We are concerned, first, with noting genuine peculiarities, and then, if we can, with explaining them. Brandt's explanations might perhaps suffice here, if other criteria did not clearly place the Dial. in Porph. and the De Arithmetica in the first period, but the De Musica in the third. It is therefore more natural to account for the rarity of quidem in the Dial. in Porph. on the ground that this work precedes Boethius's translations. A different cause, as explained above, operates in the De Syllog. Cat., of which Book I may be spurious. Instances of sporadic preferences, like porro autem, may be noted in all the works of Boethius. These are interesting to observe, but I have cited only such peculiarities as illustrate a constant use or some marked development. Brandt's discussion of quidem and porro autem shows that he believes such evidence worthy of consideration. In the light of many more phenomena of the same nature, considered in the same way, I venture to draw a different conclusion from his. I cannot agree, therefore, that the peculiar character of the De Syll. Cat. should oblige us to abandon the stylistic method in our efforts to

¹ Since this article went to the printer Brandt has issued his critical edition of the works on Porphyry (*Boethii in Isagegen Porphyrii Commenta*, 1906). Aside from the text there is a valuable introduction. Brandt's comparison of the two editions is especially good. Brandt holds to his former position that the works on the quadrivium must precede those on Porphyry. Noting that Boethius, M., p. 70 D, proposes a comprehensive study of Aristotle's works on logic, he thinks that we should have had a reference to the *De Arithmetica* if Boethius had intended also to treat of the quadrivium. But observe, once more, that Boethius nowhere gave notice of his intention to take up Cicero's *Topica*, to which he later turned. Brandt also believes that a man, so *propositi tenacissimus* as our author, could not have broken into his interpretation of Aristotle by interposing works on the quadrivium. And yet Brandt himself has pointed out a similar circumstance. In the passage referred to above, Boethius proposes to take up Aristotle's logic. Nothing is said about a second commentary on Porphyry.

Arthur Patch McKinlay

which I take from a personal letter to me. "Nondum persuadere mihi possum Boethium cum iam diu secundum propositum suum ad libros organi Aristotelici Latine tractandos et ad artem logicam et dialecticam exponendam operam suam contulisset, ad artem musicam explicandam redisse quae pars esset quadrivii." In other words, we are asked to hold of Boethius what Schleiermacher held of Plato, namely, that a man's life work is in embryo in the youth; that we must expect no deviation from the plan outlined by our author in his second edition of the $\Pi \epsilon \rho i$ 'E_{punv}eías, p. 79, 10-80, 1 : "haec fixa sententia est, ut . . . ego omne Aristotelis opus . . . transferam atque etiam . . . omnes Platonis dialogos vertendo vel etiam commentando in Latinam redigam formam." Though these words seem to substantiate Professor Brandt's conclusion, yet it were rash to deny that some outside interest might intrude for a time - in fact we know that this was the case with Boethius. For all must concede that before he had carried out his plan of translating and perhaps of commenting on all the works of Aristotle and Plato, he had begun to work on Cicero. In the same way, he may have undertaken the De Musica as a parergon.

determine the chronology of the works of Boethius. On the contrary, as I have indicated, this aberrant work may confirm, perhaps decisively, the validity of the method.

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