and the splendid compound noun $\pi о \mu \phi о \lambda v \gamma о \pi a \phi \lambda a ́ \sigma-$ $\mu a \sigma \nu \nu(249)$ ends their last little song.
(c) 'The circumlocutions of $\lambda \iota \mu \nu \alpha i ̂ a ~ к \rho \eta \nu \omega \hat{\nu} \tau \epsilon ́ \kappa \nu a$ (2II) and $\xi \dot{v} v a v \lambda o v{ }^{v} \mu \nu \omega \nu \beta o a ́ v ~(212)$ are pompous, and the parallelism of the lines is affected.' But a circumlocution of exactly this type occurs in the Initiates' song (347
 cycles of their ancient years'), where there is no question of pomposity; ${ }^{11}$ and parallelism of phrases or lines is not uncommon in lyric especially in hymns: the Initiates begin one of their songs with $\chi \omega \rho \epsilon i \tau \epsilon / \nu \hat{v} v i \epsilon \rho o ̀ v ~ \dot{\alpha} \nu \dot{\alpha}$
 the present passage $\tau \epsilon \in \kappa \nu \alpha$ is vocative, $\beta$ oá $\nu$ accusative, so that the parallelism is not exact, and the listener's attention is carried on to the verb $\phi \theta \epsilon \gamma \xi \omega \mu \mu \theta a$ which completes the sense. The Euripidean line, $\dot{\alpha} \lambda \lambda{ }^{\prime}{ }^{\prime}{ }^{\prime} \tau \omega$ gúvaùios $\beta$ ò̀ $\chi \alpha \rho \hat{a}(E l .879)$, does not afford a parallel close enough to suggest parody.
(d) ' $\lambda \alpha \hat{\omega} \nu$ (219a) has an archaic ring.' But archaisms too are at home in choral lyric.
(e) ' $\beta v \theta$ o's (247) belongs to elevated speech.' But the language of choral poetry in general is elevated.

Radermacher might have mentioned two other features of the high poetic manner, the use of $\dot{a} \mu \phi_{\boldsymbol{i}}+$ accusative in 215 , common in lyric, especially Pindar, and the first person plural forms in $-\mu \epsilon \sigma \theta a$ for $-\mu \epsilon \theta a$ at $242,248,252,258 .{ }^{12}$

It is possible to interpret these data without reference to parody or satire of contemporary writers. ${ }^{13}$ The term 'parody' in particular should be used with caution and reserve in connection with lyric poetry: dorisms, compound adjectives, elevated diction and archaisms are features of all Greek choral lyric, and they do not indicate parody any more than they indicate plagiarism.

Aristophanes, perhaps to compensate for the uncomic nature of his principal chorus, the Initiates, ${ }^{14} \mathrm{hit}$ on the idea of a short scene with a chorus of frogs. Trygaeus in Peace had achieved his flight to heaven without the help-or hindrance-of birdsong, but Dionysus will have company as he crosses the lake, and frogs will make the audience laugh by reason of their appearance, their antics and their noises as, for example, swans or water-nymphs could not. Moreover, the frogs will be a novel breed, $\beta a \tau \rho a ́ \chi \omega \nu \kappa v ́ \kappa \nu \omega \nu$ (207), frogs but first-rate singers; ${ }^{15}$ there is no need to link the
${ }^{11}$ M. S. Silk, 'Aristophanes as a lyric poet', YCS xxvi (1980) 114 notes the appropriateness of the pleonasm: 'the laborious phrase xpovious... Évıavoov́s gives the feeling of overwhelming senescence, which the mystae can shake off so easily.'
${ }^{12}$ On $-\mu \epsilon \sigma \theta a$ see Silk (n. 11) i2s n. 82.
${ }^{13} \mathrm{Cf}$. Stanford on 210 ff .: 'There is no need to imagine (with Tucker) that any special parody is intended'; P. Rau, Paratragodia (Munich 1967) 13.

14 The only humour that arises from their identity as Initiates lies in their references to their rags (404-6) and to the girl's peeping tit (409-12). Certainly the list of offenders in 354-7I begins and ends as a version of the proclamation that the uninitiated keep away, and the $\sigma \kappa \omega \hat{\omega} \iota s$ of $416-30$ can be seen as an example of the Initiates'
 392); but the spirit of both passages is little different from that of the parabasis in other plays. From 460 onwards the identity of the Chorus as Initiates is of no importance. Allison (n. 2) i8 n. I writes of 'the occasionally rather lack-lustre and anonymous character of the principal chorus of shabbily dressed initiates'.
${ }^{15}$ Charon gives three pieces of information in his answer to the question, 'Whose beautiful songs?': the songs are to be sung by frogs (if the play was 'billed' as Frogs, the audience will be ready for this
swan-singers with the idea of approaching death, ${ }^{16}$ even if the scene is set in the underworld: the swans are simply beautiful singers, as in Alcman (PMG i.ioi), Their songs are introduced as $\kappa \alpha ́ \lambda \lambda \iota \sigma \tau \alpha$ and $\theta a \nu \mu a \sigma \tau \alpha ́$ (207), and with the exception of the croaking noise ${ }^{17}$ this is exactly what they are. Their language scarcely drops from the lofty level of choral song: certainly the first element of the word краєтало́кшноs (218) denotes a hangover and is at home in comedy, but Hippocrates could use it in his medical writings; ${ }^{18}$ $\pi о \mu \phi о \lambda v \gamma \sigma \pi a \phi \lambda a \alpha^{\sigma} \mu a \sigma \iota \nu(249)$ is comic by virtue of its sound and length, and the comic poets liked the verb $\pi \alpha \phi \lambda \alpha ́ \zeta \omega$; but $\pi a \phi \lambda \alpha ́ \zeta \omega$ is also in Homer and Alcaeus, $\pi o \mu \phi o \lambda \dot{\prime} \zeta \omega$ in Pindar. ${ }^{19}$ For the most part the Frogs' language is elevated: it is Dionysus who lowers the tone, notably at $22 \mathrm{I}-2$ and 236-8.

The comic quality of the scene is due in part to the incongruity of elevated lyric on the lips of frogs. The introductory words $\beta a \tau \rho a ́ \chi \omega \nu$ кv́кv $\omega \nu$ prepare the way by means of an oxymoron, and throughout the scene the high poetic utterance is juxtaposed with the croaking call. There is whimsy in the Frogs' description of their song as $\epsilon v ้ \gamma \eta \rho v s$, in the reference to the song they once sang about Dionysus, and in their claim that they are loved by the most musical of the gods, the Muses, Pan, Apollo himself. Humour dependent on the use of incongruous language can be found in non-comic choral lyric also: Simonides' greeting of the victorious mules,

$$
\chi \alpha i \rho \epsilon \tau^{\prime} \dot{\alpha} \epsilon \lambda \lambda o \pi o ́ \delta \omega \nu \text { өv́ } \gamma a \tau \rho \epsilon s \text { ĩ } \pi \pi \omega \nu \quad(P M G \text { sis) }
$$

and Pindar's address to the Corinthian girls of Aphrodite,

$$
\begin{align*}
& \pi o \lambda v ́ \xi \epsilon \nu a \iota \nu \epsilon \alpha ́ v \iota \delta \epsilon s, a \dot{\alpha} \mu \phi i ́ \pi o \lambda o \iota \\
& \Pi \epsilon \iota \theta \circ \hat{v} s \tag{fr.122}
\end{align*}
$$

are in the same tone as $\lambda_{\iota \mu \nu a i ̂ a ~ к \rho \eta \nu}^{\omega} \nu \tau \epsilon ́ \kappa \nu a ;$ but Aristophanes' singers are humorous at their own expense.

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answer); the frogs are as musical as swans; their songs will be astonishing.
${ }^{16}$ So L. Spatz, Aristophanes (Boston 1978) 122.
${ }^{17}$ I take it that all the $\beta \rho \epsilon \kappa \epsilon \kappa \epsilon \kappa \epsilon \epsilon \xi$ lines were shouted and not sung. At the beginning of the scene they are marked off also by their trochaic rhythm.
${ }^{18}$ Aër. 3.
${ }^{19}$ Il. xiii 798 , Alc. 72.5 LP, Pyth. iv 12 I . On $\pi a \phi \lambda a ́ \zeta \omega$ in comedy see Neil on Eq. 919.

## BOD in Euripides' Alcestis and Andromache

What relationship exists in Alcestis and Andromache between O (Laur. 3 I. io, saec. xii ex.) ${ }^{1}$ and D (Laur. 3 I.15, saec. xiv) and B (Par. gr. 2713, saec. xi) is a question which, for want of full and accurate collations, has long stood unresolved. The reports of these manuscripts offered by Kirchhoff ${ }^{2}$ are inaccurate and

[^0]incomplete. In Alcestis Prinz-Wecklein ${ }^{3}$ quote only occasional readings of OD and disdain to give a full collation even of B. In Andromache Wecklein ${ }^{4}$ ignores O and reports only occasional readings of D. In Alcestis Murray ${ }^{5}$ rarely reports OD, in Andromache he reports O (collated for him by Wilamowitz) from time to time, D rarely. In the Budé edition, ${ }^{6}$ Méridier ignores OD in both plays.
A. Turyn gave a forthright answer to our question. 'In Alcestis and Andromache, the ms. O is copied directly from B' (op. cit. [n. I] 334); 'In ... Alcestis and Andromache, the ms. D is a direct copy of B' (336). Unfortunately Turyn's discussion is deficient in two respects. First, as W. S. Barrett remarked, ${ }^{7}$ 'he cites no evidence-only coincidences which are merely compatible with his hypothesis'. Second, he qualified his positive statements that OD are direct copies of $B$ with statements of a most unsatisfactory vagueness: 'It is to be added that . . the ms. O occasionally corrected or modified the text taken from B by using other sources of the tradition' (335); '. . . the ms. D is a direct copy of B (with occasional corrections or changes)' (336). Turyn has left us as uncertain as before. And while V. Di Benedetto, ${ }^{8}$ invoking Turyn, can bluntly assert that ' $O$ è copiato direttamente da $\mathrm{B}^{\prime}, \mathrm{K}$. Matthiessen ${ }^{9}$ more prudently writes that 'So scheint es mir ... nicht erwiesen zu sein, dass O in Andr. und Alc. wirklich nur ein Apographon von $B$ ist'. That $O$ is a copy of $B$ is also contested by A. Tuilier, ${ }^{10}$ who cites a small number of inconclusive passages to illustrate its independence. The latest editor of these two plays, A. Garzya, offers no enlightenment. In his edition of Alcestis ${ }^{11}$ he merely tells us that 'cum D fontem suum B ex toto fere expresserit, $O$ et de $B$, maximam quidem partem, et $a b$ aliis quoque libris rem [sic] deprompsit', and he scarcely ever mentions OD in his apparatus criticus. In his edition of Andromache ${ }^{12}$ he merely tells us that 'ex B ... DO maxima quidem ex parte ... procedunt', and he reports OD only in the parts of the play where B is missing, but even there his reports are very incomplete. ${ }^{13}$

In order to give the right answer to our question, one must first collate the three manuscripts accurately. For Alcestis it might seem that the job has already been done by Giuseppina Matino in Sic. Gymn. xxx (1977) 619-30. But the very existence of this article (cited as if it were an authoritative treatment by Garzya) imperatively demands that the evidence should be presented afresh. Matino's collations of OD exhibit a degree of inaccuracy which almost passes belief. Reports of $B$ and of all manuscripts other than OD, partly because they are taken from the Budé edition, are often inaccurate and are woefully incomplete. Since the printer has added a plethora of misprints, the article is a minefield of
${ }^{3}$ Leipzig 1899.
${ }^{4}$ Leipzig 1900.
${ }^{5}$ Oxford 1902.
${ }^{6}$ Paris 1926, 1927.
${ }^{7}$ Euripides: Hippolytos (Oxford 1964) 65 n. 2.
${ }^{8}$ La Tradizione manoscritta Euripidea (Padua 1965) 102.
${ }^{9}$ Studien zur Textüberlieferung der Hekabe des Euripides (Heidelberg 1974) 25 n. 24.
${ }^{10}$ Recherches critiques sur la tradition du texte d'Euripide (Paris 1968) 148 n. 3, 173.
${ }^{11}$ Teubner edn (Leipzig 1980) vi-vii.
${ }^{12}$ Teubner edn (Leipzig 1978) xiv n. 3.
${ }^{13}$ See my review in $C R$ xxxi (1981) 4-6.
misinformation. It is not surprising that one of the two conclusions which the author presents, that D was copied from B before B was corrected, is demonstrably impossible, while the other, that O was copied from a brother of $B$ which had picked up readings from other sources, though not impossible, is not, I think, right.

I have collated OD from microfilms and B from the facsimile published by J. A. Spranger, ${ }^{14}$ and I have checked all doubtful readings and all corrections in the original manuscripts. Reports of the other manuscripts are also given from my own collations. I use the following symbols:
$A^{c} \quad$ A after correction by an unspecified hand
$\mathrm{A}^{\mathrm{ac}}$ A before correction (the correcting hand not specified)
A $^{2} \quad$ A after correction by the second hand
$\mathrm{A}^{\mathrm{uv}} \quad \mathrm{A}$ ut videtur
As A supra lineam, by the first hand
A? A's reading is probable or possible but not certain
<A〉 A's reading is based on inference (inference either from the nature of the correction which obscures it or from the reading of related manuscripts)
(A) A with some inessential variation
$\mathrm{A}^{\nu \rho}$ a variant in A accompanied by the sign $\gamma \rho(a ́ \phi \epsilon \tau \alpha \iota)$
$\Sigma^{\mathrm{a}} \quad$ scholium in A
$\Sigma^{1}{ }^{\mathrm{a}} \quad$ lemma of the scholium in A

* an erased or illegible letter

Tr Triclinius, corrector of L
gV gnomologium Vatopedianum ${ }^{15}$
gB gnomologium Barberinianum ${ }^{16}$
gE gnomologium Escorialense ${ }^{17}$.

## I. Alcestis

I need not quote all of the evidence which proves the close affinity of BOD. Here are some of their more
 BOD; 17-18 ท̈тıs ...кeívov om. BOD; 43


 post єíoopâv add. BOD; 307 тoîs бoîo к кả $\mu$ oîs


 LP)] каi $\mu \epsilon ́ \gamma$ ' ápíarخ \&́ $\gamma \in \nu v a i ̂ a ~ B O D ; ~ 790-1 ~$ $\pi \lambda \epsilon i ̂ \sigma \tau o \nu . \ldots \kappa v ́ \pi \rho \iota \nu] \kappa v ́ \pi \rho \iota \nu . . \pi \lambda \epsilon i ̂ \sigma \tau o \nu \mathrm{BOD}$.
$D$ is a direct copy of $B$, made after $B$ had been corrected by $\mathrm{B}^{2}$ and $\mathrm{B}^{3}$. Here is the evidence:

95 oưk aưג $\hat{\omega} \mathrm{B}^{\mathrm{c}} \mathrm{DVLP}$ et $\Sigma^{\text {bv }}$ : oûv каuұ $\hat{\omega} \mathrm{BO} ; ~ 117$ $\pi \alpha \rho a \lambda v \sigma_{\alpha} \mathrm{B}^{2} \mathrm{DV}:-\lambda \hat{v} \sigma \alpha \iota \mathrm{BOLP} ; \quad 118 \psi \nu \chi \alpha ́ \nu \mathrm{LP}:-\eta{ }^{\prime} \nu$ $\left.\mathrm{B}^{3 s} \mathrm{D}^{s} \mathrm{~V}^{s}:-\hat{\eta} s \mathrm{~V}:-\dot{\alpha} s<\mathrm{B}\right\rangle$ : $-\hat{\alpha} s \mathrm{~B}^{3} \mathrm{OD}$ : et accus. et gen.
 $\pi \rho o \sigma \pi i ' \tau \nu o v \sigma^{\prime} \quad \mathrm{BO}:-\pi \iota \tau \nu 0 \hat{\sigma}{ }^{\prime} \mathrm{B}^{3} \mathrm{DVLP} ; \quad 184$

 (ố $\pi о \tau$ ' ov̉ $\mathrm{B}^{2}$ ); 199 какоîs $\mathrm{B}^{3} \mathrm{DVLP}$ : какós BO; $200 \epsilon i \mathrm{LP}: \hat{\eta} \iota \mathrm{BO}: \hat{\eta}_{S} \mathrm{~B}^{2} \mathrm{DV} ; 256 \tau a ́ \delta \epsilon \tau o i ́ \mu \epsilon$

[^1]
 $\left.\mathrm{B}^{\mathrm{c} D L P} ; \quad 367 \pi \lambda \epsilon v \rho o i ̂ \sigma \iota \tau 0 i ̂ s ~ \sigma o i ̂ s\right] \pi \lambda \epsilon \nu \rho \hat{\omega} \nu \tau \hat{\omega} \nu \sigma \hat{\omega} \nu$
 $\sigma \nu \mu \beta a \lambda \hat{\omega} \nu \mathrm{~B}^{2} \mathrm{DL}^{c}$ et $\Sigma^{l}:-\omega \dot{\omega} \mathrm{BOV}\left\langle\mathrm{L}^{3}\right\rangle \mathrm{P} ; 692 \hat{\eta}$
 BO； 1074 тo $\rho \sigma u ́ v a \iota ~ O D V L P: ~ \pi \rho o \sigma \sigma u ́ v a \imath ~ B: ~$

 $\lambda \alpha ́ \beta \eta s \mathrm{P}$ ．

There are a few passages where a correction in B does not appear in D．At least two of these are by a yet later hand，identified by Turyn（［n．I］334，336）as the hand of Ianus Lascaris： $17-18$ グँıs．．．кeívov om．BOD，
 $\mathrm{B}^{4}$ ）；（ibid．）$\quad \mu \epsilon \lambda a \mu \pi \epsilon \epsilon \pi \lambda \omega(\imath) \quad \sigma \tau o \lambda \hat{\eta}(\iota) \quad \mathrm{B}^{4} \mathrm{LP}$ ： $\mu \epsilon \lambda a \gamma \chi i ́ \mu o \iota s ~ \pi \epsilon ́ \epsilon \pi \lambda o \iota s ~ O V ~(-\chi \epsilon i ́ \mu-V)$ ．I judge that it was Lascaris also who added the variant $\delta$ v́cфopa（LP） for $\delta v \sigma \mu \epsilon \nu \hat{\eta}$（BODV et gVgE ）at 617 ．Probably it was also he who added $\sigma \hat{\omega} \sigma a \iota$ ，omitted by BD（but not by O ），in the margin at 840 ．And possibly he was responsible for the correction at 7 II $\dot{\eta} \beta \hat{\omega} \nu \tau^{\prime} \mathrm{B}^{\mathrm{c}} \mathrm{OV}^{2} \mathrm{~L}$ ： $\dot{\eta} \mu \hat{\omega} \nu \tau^{\prime}$ BDVP．Here in B the left foot of the $\mu$ was erased in order to change $\mu$ into that form of $\beta$ which closely resembles $\mu$ ．Even if the erasure was made by an earlier hand，D may well have thought that he saw $\mu$ here．

There is no need for me to quote the passages where D is alone in error，for these may be attributed to careless copying of B．I have found only two insignifi－ cant cases of D agreeing with other manuscripts against B： $148 \pi \rho a ́ \sigma \sigma \epsilon \tau \alpha \iota$ DVLP：$-\epsilon \tau \epsilon \mathrm{BO}$ ； 103 І $\pi \alpha ́ \lambda \eta \nu$ $\mathrm{BOLV}^{2}: \pi \alpha \alpha^{\prime} \iota \nu \mathrm{D}<\mathrm{V}^{?}>\mathrm{PQ}$ ．The conclusion that D is a copy of B is inescapable；and we may now dismiss D from consideration and turn to the more complex question of the relationship between B and O ．

I quote first the passages where B is alone in error（I disregard the agreement of $D$ with $B$ ）：

95 $\theta a \rho \sigma u ́ v \epsilon \iota] ~ \theta \rho a \sigma-\mathrm{B}$ ； $118 \mu$ о́роs OVL：$\mu \epsilon ́ \rho o s ~ P:$
 ceteris omissis； 434 告vŋ OLP：$\mu o ́ v \eta \nu \mathrm{~V}$ ：入íav B； 448 кข́кло＊s B； 575 бох $\mu \iota \hat{\alpha} \nu$ VLP：$-\iota \alpha ̀ \nu$ O：$-\iota \omega \hat{\nu}$ B； 589 є́ $\sigma \tau i ́ a \nu ~ O V L P ~ e t ~ \sum^{\text {b }}$ ：оiкíav B；66s $\left.\chi є \rho i\right]$ $\chi \epsilon \iota \rho i$ B； 716 тóv $\left.\delta^{\prime}\right]$ тóv $\gamma^{\prime} \mathrm{B} ; 739$ oíбтє́ov какóv］ како̀̀ oíaтє́ov B； $743 \pi \rho о ́ \phi \rho \omega \nu] \pi \rho о \phi$＇́ $\rho \omega \nu \mathrm{B} ; 749$ $\left.\left.\left.\pi \rho \circ \frac{v}{\theta} \eta \kappa^{\prime}\right]-\theta \epsilon \iota \kappa^{\prime} \mathrm{B} ; 760 \mu \epsilon ́ \lambda \eta\right] \mu \epsilon ́ \lambda \epsilon \iota \mathrm{~B} ; 784 \epsilon i\right]$ ov B（ $\epsilon i$ B marg．）； $798 \mu \epsilon \theta o \rho \mu \iota \epsilon \hat{\imath} \sigma \epsilon$ VLP：$\mu \epsilon \theta \circ \rho \mu \iota \epsilon i ̂ s$
 $\sigma \hat{\omega} \sigma a \iota$ om．B； $893 \gamma v \nu \alpha \hat{\kappa} \alpha$ от．B； $986 \delta^{\prime}$ LP：тó ${ }^{\prime}$ B：$\tau \alpha^{\prime} \delta^{\prime} \mathrm{OV}$ ：aut $\tau \prime^{\prime} \delta^{\prime}$ aut $\tau \alpha \alpha^{\prime}{ }^{\prime}$ sscr．tum del．Tr； 1074 $\left.\pi о \rho \sigma v ́ v a \iota] \pi \rho o \sigma \sigma v ́ v a \iota \mathrm{~B}\left(\pi o \rho \sigma \sigma v v^{2} a \iota \mathrm{~B}^{3}\right) ; \quad 1143 \tau i\right] \tau i s$ B．

Here are the places where O is alone in error（the list is fairly complete，but I may have missed a few trifling slips）：
hypoth．line 13 （Murray）$\dot{v} \pi o \mu \epsilon i v a \sigma a$ om．O；line 14 ＠$\epsilon \tau \tau \alpha \lambda i ́ a l] ~ \Theta \epsilon \sigma \sigma-\mathrm{O} ; 62$ $\sigma \tau v \gamma o v \mu \epsilon ́ v o v s]-\nu o s$
 O （ $\chi$ o．$\epsilon i \tau^{\prime}$ ov̂v ô $\lambda \omega \lambda \boldsymbol{\epsilon}$ add． $\mathrm{O}^{1 c}$ ceteris omissis）； I 45 oîठ $\epsilon] \epsilon i \delta \epsilon \Theta ; \quad 169 \gamma \hat{\eta} \iota] \tau \hat{\eta} \iota$ O；$\quad 172$ om．O；$\quad 173-4$ тоv̇тьòv／какòv］тоv̇тıòv какòv／какòv $\mathrm{O} ; \quad 178$ корєи́ $\left.\mu а \tau^{\prime}\right]$ коур－ $\left.\mathrm{O} ; \quad 184 \pi \lambda \eta \mu \mu-\right] \pi \lambda \eta \mu$－О； 189

 $\pi \epsilon \lambda \alpha ́ \sigma \alpha l] \pi \epsilon \pi \lambda-\mathrm{O} ; 249 \tau \epsilon \mathrm{om} . \mathrm{O} ; 260 \nu \epsilon \kappa v ́ \omega \nu]$
 $\dot{\omega} \rho \phi \dot{\alpha} \nu \epsilon v \epsilon s]$－$\epsilon v \sigma \epsilon$ O； $300 \mu \dot{\epsilon} \nu \quad$ om．O； 312

 $\mu \hat{a} \tau \epsilon \rho \mathrm{PTr}: \epsilon \dot{\epsilon} \gamma \dot{\omega} \sigma \epsilon \gamma \grave{\alpha} \rho \mu \hat{\alpha} \tau \epsilon \rho \mathrm{L}: \sigma^{\prime}{ }^{\epsilon} \gamma \grave{\omega} \mu \hat{\alpha} \tau \epsilon \rho \dot{\epsilon} \gamma \grave{\omega}$
 O； $\left.418 \gamma^{\prime}(\gamma) \nu \omega \sigma \kappa \epsilon\right] \quad \gamma \iota \nu \omega ́ \sigma \kappa \omega$ O； $429 \tau \epsilon ́ \mu \nu \epsilon \tau$＇ BVL：－$\nu \epsilon \theta^{\prime}$ O：－$\nu \epsilon \iota \nu$ P； $\left.446 \mu \epsilon ́ \lambda \psi \sigma o v \sigma \iota\right] ~ \mu \epsilon ́ \mu \psi-$ O； 449 Kapvєíov］－víov O； 458 $\rho \in \epsilon \in \theta \rho \omega \nu$ BVP：


 фídoıs BV et gVgE：фídous O； 543 oil ois O； 578



 O； 734 छvขoเкท́бабá］－оiкทба́ $\mathrm{O} ; 735$ ä $\pi \alpha \iota \delta \epsilon$ VLP：ä $\pi \alpha \iota \delta \epsilon \mathrm{B}$ ：om． $\mathrm{O} ; 743 \sigma \epsilon] \quad \tau \epsilon \mathrm{O} ; 819$ $\boldsymbol{\tau \tau o \lambda \mu o v ́ s ] ~} \sigma \tau o \lambda \iota \sigma \mu o v{ }^{\prime} \mathrm{O}$ O； 829 Bíaı］Bíwı O； 840 $\mu \epsilon] \quad \sigma \epsilon \mathrm{O} ; 88 \mathrm{I} \quad \check{\omega} \phi \epsilon \lambda o \nu]$ ő $\phi-\mathrm{O} ; 923 \quad \sigma \tau o \lambda \mu \circ i]$ $\sigma \tau o \lambda \iota \sigma \mu o i$ O； 941 єiбódovs］$\epsilon i s$ dó $\mu o v s \mathrm{O} ; 952$ ov


 O ；ioos $\pi \rho 0 \sigma \epsilon \rho 0 \hat{v} \sigma \iota]$－ov̂ซaı O ； $1029 \lambda a \beta \omega \dot{\nu}]$ $\lambda a \chi \dot{\omega} \nu \quad \mathrm{O} ;$ Iо54 $\pi \rho о \mu \eta \theta i ́ a \nu]$－єíav O； 1059

 O；II2s $\mu \epsilon] \gamma \epsilon \mathrm{O}$ ； 1134 ठок $\hat{\omega} \nu] \delta \iota \kappa \hat{\omega} \nu \mathrm{O}$ ．

Here are the places where $B$ and $O$ have a different reading from each other and share that reading with other manuscripts：
（i） O shares the right reading， B the wrong reading： hypoth．line 4 （Murray）$\chi$ рóvov OV：$-\nu \omega$ BPTr； 173 äкдаvтos OL：äкдаvaтos BVP et gE； 184 $\dot{o} \phi \theta a \lambda \mu о \tau \epsilon ́ \gamma \kappa \tau \omega(\imath) \quad \mathrm{B}^{3} \mathrm{ODL}^{\mathrm{c} ?} \mathrm{P}$ et $\mathrm{gB}:-\tau \epsilon \epsilon \kappa \tau \omega(\imath)$
 OLP et gV：$\mu \epsilon ́ \lambda \lambda_{\epsilon \epsilon \iota} \mathrm{BV}$ et gB； $737 \chi \rho \hat{\eta} \nu \mathrm{OV}: \chi \rho \eta \eta^{\nu} \nu \mathrm{L}$ ： $\chi \rho \eta^{\prime} \mathrm{BLP}$ ；$\quad$ Io8s $\mu a \lambda a ́ \xi \epsilon \iota$ OLPQ et Chrysippus（SVF fr．478）：$\mu \alpha \lambda a ́ \xi \epsilon \iota \sigma \epsilon$ fere BV et $\mathrm{gVgE}\left(\sigma^{\prime} \mathrm{B}\right.$ et gV ）．
（ii） B shares the right reading， O the wrong reading： $219 \epsilon \dot{\gamma} \chi \omega ́ \mu \epsilon \sigma \theta a \quad \mathrm{BTr}$－$-\dot{\mu} \mu \epsilon \theta a \mathrm{OV}$－${ }^{\prime} \mu \epsilon \theta a$ ＜L＞P； 249 í $\omega \lambda \kappa o \hat{v} \mathrm{BVL}$ ：－кov̂s OP；481 пóvov
 OV； $692 \pi o \lambda v ́ v \gamma \epsilon \mathrm{BVLP}$ et $\mathrm{gVgB}: \gamma \epsilon \pi o \lambda v^{\nu} \nu \mathrm{O}$ et gE
 OV； $727 \pi \lambda \epsilon \epsilon \omega \nu$ BVL et gB：$\pi \lambda \epsilon \epsilon \rho \nu$ OP et gE； 894 $\theta \nu a \tau \hat{\omega} \nu \mathrm{~L}, \theta \nu \eta \tau \hat{\omega} \nu \mathrm{BVP}: \beta \rho o \tau \hat{\omega} \nu \mathrm{O}$ et gE ； 1034 $\mu \epsilon ́ \lambda \epsilon \iota \nu \mathrm{BLPQ}: \mu \epsilon ́ \lambda \lambda \epsilon \iota \nu \mathrm{OV}$ ； 1039 т $\rho о \sigma к \epsilon і$ í $\epsilon \tau о \nu \mathrm{BL}$ ： $\pi \rho о к-\mathrm{OVPQ}$ et gE ； 1122 єv่тv$\chi \hat{\omega} \nu \mathrm{BL}:-\chi \grave{\omega} \nu$ OVPQ．

There are two places where $B$ alone preserves the truth： $546 \tau \hat{\omega} \delta \epsilon \mathrm{~B}: \tau \hat{\omega} \nu \delta \epsilon \mathrm{OVLP} ; 890 \tau i ́ \theta \eta s \mathrm{~B}: \tau \iota \theta \epsilon \hat{\imath} \mathrm{S}$ OVLP．And there are two places where O alone preserves the truth： $379 \chi \rho \hat{\eta} \nu \mu^{\prime} \mathrm{O}: \chi \rho \eta^{\prime} \mu^{\prime} \mathrm{BV}: \mu^{\prime} \epsilon \chi \chi \rho \hat{\eta} \nu$ $\mathrm{L}(\mathrm{P}) ; \quad 552 \mu \hat{\omega} \rho o s \mathrm{O}: \mu \omega \rho o \dot{s}$ BVLP．Two other unique readings in O could be right： $\left.\left.7 \mathrm{I} \tau^{\prime}\right] \delta^{\prime} \mathrm{O} ; \quad 909 \pi 0 \lambda_{\iota}(\epsilon) s\right]$ $\pi o \lambda_{\iota} \hat{a}_{S} \mathrm{O}$ ，sicut coni．Lenting．

Two interesting divergences between B and O ， where neither has the truth，are： $1045 \mu^{\prime} \dot{\alpha} \nu \alpha \mu \nu \eta^{\prime} \sigma \eta \rho_{s}$ LPQ：$\mu \epsilon \mu \iota * * \nu \eta{ }^{*} \sigma \eta s$ B：$\mu \epsilon \mu \iota \sigma \eta{ }^{\prime} \sigma \eta s$ O：$\mu \epsilon \mu \iota \mu \nu \eta{ }^{\prime} \sigma \kappa \epsilon \iota s$
 B：$-\nu \epsilon \iota \nu \mu \epsilon ́ \lambda \lambda \epsilon \iota \nu \mathrm{O}\left(\nu \epsilon ́ \mu \epsilon \iota \nu\right.$ post $\mu \epsilon ́ \lambda \lambda \epsilon \iota \nu$ add． $\left.\mathrm{O}^{c}\right)$ ．

There are three hypotheses which will account for all the readings of $B$ and $O$ ：（i）$O$ is a copy of a copy of $B$ ，
the intervening copy having picked up readings from other sources（so，in effect，Turyn）；（ii） O is a copy of a close relation of $B$ which had picked up readings from other sources（so Matino）；（iii） O is a twin of B and it has not picked up any readings from other sources．Only hypothesis（ii）or hypothesis（iii）will satisfactorily account for the fact that B has errors which do not appear in O ．On hypothesis（i），we have to suppose that in every place where $B$ has a unique error $O$ corrected it by chance，by conjecture，or by recourse to other manuscripts．This is simply not believable．

It may be argued that the fact that sometimes B and O each side with different manuscripts proves that contamination has occurred and that consequently hypothesis（ii）is to be preferred to hypothesis（iii）．I do not rule out hypothesis（ii）；but the assumption that contamination has occurred is not，in fact，necessary． The divergences between $B$ and $O$ which are at issue are comparatively few and can be otherwise explained：
（a）Several of the errors are such as could easily have been committed independently by more than one scribe：hypoth． $4 \chi \rho o ́ v \omega$（BPTr）for $\chi \rho o ́ v o \nu$（a simple error of assimilation after $\tau \hat{\omega} \iota \quad \pi \rho o \tau \epsilon ́ \rho \omega \iota)$ ；
 correctly and O restored the preferred form）； 184 ó $\phi \theta a \lambda \mu о \tau \epsilon ́ \kappa \tau \omega \iota(\mathrm{BVL})$ for $-\tau \epsilon ́ \gamma \kappa \tau \omega \iota ; 219 \epsilon \dot{v} \chi \omega \dot{\omega} \mu \epsilon \theta \alpha$ （OV）for $-\mu \epsilon \sigma \theta \alpha$（a constant slip）； 249 i $\omega \lambda \kappa о \hat{v}_{S}$（OP） for－кои̂； 267 пó $\sigma \iota$（BVP）for $\pi о \sigma \iota ;$ 481 $\pi o ́ v \omega(\imath)$ （OV）for $\pi$ óvov（influenced by the preceding datives $\left.T \iota \rho v \nu \theta_{i} \omega \iota \ldots E \dot{u} \rho v \sigma \theta \epsilon i ̂\right) ; ~ 593$ vimóo $\sigma \tau \alpha \sigma \iota \nu(\mathrm{OV})$ for $i \pi \pi-$ ； $726 \mu \epsilon ́ \lambda \lambda \epsilon \iota$（BV et $g B$ ）for $\mu \epsilon ́ \lambda \epsilon \iota$（the two verbs are constantly interchanged without regard for metre）； $727 \pi \lambda \epsilon \epsilon^{\prime} \nu$（OP et gE ）for $\pi \lambda \epsilon \epsilon \omega \nu$（the scribes did not recognise that $\pi \lambda \epsilon$ 白 $\omega \nu$ is neuter）； 737 $\chi \rho \eta \eta^{\prime}$（BLP）for $\chi \rho \hat{\eta} \nu$（a constant slip）； $1034 \mu \epsilon ́ \lambda \lambda \epsilon \iota \nu$ （OV）for $\mu \epsilon ́ \lambda \epsilon \iota \nu$ ； $1039 \pi \rho о к \epsilon i ́ \mu \epsilon \nu о \nu$（OVPQ et gE） for $\pi \rho o \sigma \kappa$－（or B＇s reading is a lucky slip）； 1 I22 $\epsilon \boldsymbol{v} \tau v \chi \grave{\omega} \nu(\mathrm{OVPQ})$ for $-\chi \hat{\omega} \nu$（or B restored the right accent）．
（b）Marginal or supralinear variants in the common ancestor will account for other divergences．At 716
 $\gamma^{\prime}$ after $\nu \epsilon \kappa \rho o ́ v, \mathrm{~B}$ has $\tau o ́ v \gamma$＇for $\tau o ́ v \delta^{\prime}$ ．In the common ancestor there was perhaps a $\gamma$（perhaps even－óv $\gamma^{\prime}$ ） suprascribed or in the margin，which $B$ has incorporated in the wrong place．At io8s the unmetrical $\sigma \epsilon\left(\sigma^{\prime}\right)$ in BV and gVgE is in origin a gloss，which must have begun life above the line；and above the line it may have stood in the common ancestor，to be incorporated in the text by B and ignored by O ．
（c）The errors of O which are shared by gE （ $692 \gamma \epsilon$ $\pi o \lambda \nu ́ \nu \nu$ for $\pi o \lambda u ́ v \gamma \epsilon, 894 \beta \rho o \tau \hat{\omega} \nu$ for $\theta \nu \eta \tau \hat{\omega} \nu)$ admit two explanations：either they are independent errors（ $\beta$ potós is a mistake for $\theta \nu \eta \tau$ ós at Med． 128 in V and gV and at Hipp． 254 in V，and the two words are variants at Hec． 832），or the false reading is a genuine variant which was present in the common ancestor．

The few instances of unique preservation of the truth by B or O are similarly explicable： $379 \chi \rho \eta^{\prime}$（BV）for $\chi \rho \hat{\eta} \nu(\mathrm{O})$（a simple slip：$c f .737 \chi \rho \hat{\eta} \nu \mathrm{OV}: \chi \rho \eta{ }^{\prime} \nu \mathrm{L}^{\mathrm{c}}: \chi \rho \eta^{\prime}$ BLP）；$\quad 546 \tau \hat{\omega} \nu \delta \epsilon(\mathrm{OVLP})$ for $\tau \hat{\omega} \delta \epsilon$（B）（assimilation by O，as by the other manuscripts，to the following $\delta \omega \mu \alpha ́ \tau \omega \nu)$ ； $552 \mu \omega \rho o ̀ s(B V L P)$ for $\mu \hat{\omega} \rho o s(\mathrm{O})$（alter－ native accents in the ancestor，or O knew the right accent and so restored it）； $890 \tau \iota \theta \epsilon i$（OVLP）for $\tau i \theta \eta s$（B）（a common variation，and perhaps the
ancestor had both forms：cf．e．g．Andr． 210 $\tau i \theta \eta s$ $\mathrm{AV}^{3} \mathrm{LP}^{s}:-\eta \iota s$ MBO：$\left.-\epsilon \iota s \mathrm{P}: \tau \iota \theta \epsilon \hat{i} \mathrm{~V}\right)$ ．
The places where B and O have different unique errors suggest that they may both have had difficulty in reading the script of the common ancestor： 1045 $\mu \iota^{*}{ }^{*} \nu \eta{ }_{\eta} \sigma \eta s \mathrm{~B}: \mu \iota \sigma \eta{ }^{\prime} \sigma \eta S \mathrm{O}$（O＇s reading probably results from the incorporation in the wrong part of the word of a suprascript $\sigma \eta$ ，which was intended to correct the ending－$\sigma \kappa \epsilon \iota \varsigma$ ，as in V＇s $\left.\mu \iota \mu \nu \eta{ }^{\prime} \sigma \kappa \epsilon \iota \varsigma\right) ;$ I $106-\nu \epsilon \iota \nu \epsilon$ є $\mu \circ i$ ］ $-\nu \epsilon \iota \nu \epsilon ́ \mu \epsilon \iota \nu \mathrm{~B}:-\nu \epsilon \iota \nu \mu \epsilon ́ \lambda \lambda \epsilon \iota \nu$ O．Similarly $307 \tau o i ̂ s] \tau o i ̂ s$ $\sigma \iota \mathrm{B}: \tau o \imath ̂ s \sigma$ O．

In the very few places where O agrees with $\mathrm{B}^{2}$ or $\mathrm{B}^{3}$ the original reading of $B$ is an error and the corrector restored the reading of the common ancestor： 118 $\left.\psi v \chi a ́ v ~ L P: ~-\eta v^{\prime} \nu \mathrm{B}^{3 s} \mathrm{D}^{s} \mathrm{~V}^{s}:-\hat{\eta} s \quad \mathrm{~V}:-\dot{\alpha} s<\mathrm{B}\right\rangle:-\hat{\alpha} s$ $\mathrm{B}^{3} \mathrm{O} ; \quad 184 \quad \dot{\partial} \phi \theta a \lambda \mu o \tau \epsilon ́ \gamma \kappa \tau \omega(\imath) \quad \mathrm{B}^{3} \mathrm{OL}^{c} \mathrm{P}$ P et gB ： $-\tau \epsilon ́ \kappa \tau \omega(\imath) \mathrm{BVL} ; 83 \mathrm{I} \kappa \hat{\tilde{j}} \tau \alpha \kappa \omega \mu \dot{\zeta} \zeta \omega \mathrm{~B}^{2} \mathrm{O}: \kappa \hat{\alpha} \tau \alpha \kappa-\mathrm{B}:$ $\kappa а \tau а \kappa-\mathrm{V}: \kappa \hat{\alpha} \tau \boldsymbol{\tau} \boldsymbol{\epsilon} \kappa \kappa \dot{\mu} \mu \alpha \zeta о \nu \mathrm{~L}(\mathrm{P})$ ．

In short，the divergences between $B$ and $O$ are not so many or of such a nature that we need invoke the hypothesis that O has suffered contamination，even though we may not rule out that hypothesis．There is nothing in the text of B and O which is incompatible with the simple hypothesis that B and O are twins； although we may，if we wish，postulate one or more intermediary manuscripts between O and the exemplar， in order to account for the greater frequency of unique errors in O ．

## 2．Andromache

The following additional symbols should be noted： W＝Ambrosianus F 205 inf．（uu．i－IO2；see Turyn［n． I］341－2）；Va＝Pal．gr． 98 （an apograph of V；Turyn $9 \mathrm{I}-2$ ）；$\Sigma^{\mathrm{y}}=$ scholia in Vat．Ottob．gr． 339 （Turyn 355）； $\Pi^{8}=$ P．Oxy．inv． $18{ }_{2}$ B． $64 / \mathrm{D}(7) \mathrm{b}$（ined．）．${ }^{18}$ I cite W， Va ，and $\Sigma^{y}$ from my own collations．

The close affinity of BOD is proved by such passages as： 19 $\delta \epsilon ́ v \iota \nu \lambda \epsilon ́ \omega s$ ］$\lambda a o ̀ s ~ \delta \epsilon ́ ~ \nu \iota v ~ B O D ; ~ 25 s ~ \pi o ́ \sigma \iota \nu ~$ $\mu о \lambda \epsilon \hat{\imath}]$ ］$\mu \lambda \epsilon \hat{i} \nu \pi o ́ \sigma \iota \nu$ BOD； $380 \tau \hat{\omega} \nu \delta$＇àvaктóp $\omega \nu$ $\theta \epsilon \hat{\alpha} S] \tau \hat{\omega} \nu \quad \theta \epsilon \hat{\alpha} S \dot{\alpha} \nu-\mathrm{BOD} ; 426$ ov̉ фíhovs áкоv́бєтaı］ oủк áкои́бєтаı фílovs BOD； 735 є̇ $\pi \epsilon \xi \in \lambda \theta \epsilon i v]$
 $\dot{v} \pi о-\lambda$－MAV：каi $\lambda a \beta \epsilon i v \dot{v} \pi о \chi \in i ́ \rho \iota o \nu \mathrm{BOD}$ ．
Just as in Alcestis，D is a direct copy of B，made after B had been corrected by $\mathrm{B}^{2}$ and $\mathrm{B}^{3}$ ：
$53 \kappa \tau \epsilon i v \epsilon \iota$ BMVWL：$\tau \epsilon i v \epsilon \iota$ O $\Pi^{8}$ ：$\tau i v \in \iota$ AP et ${ }^{\gamma \rho} \sum^{\text {mvy }}$ ：＇ктivєє $\mathrm{B}^{3} \mathrm{D}$ ； $90 \quad \tau i$ om． BO （habent $\left.\mathrm{B}^{\mathrm{C}} \mathrm{D}\right) ; 94 \tau \dot{\alpha} \pi \alpha \rho \epsilon \sigma \tau \hat{\omega} \tau \alpha \kappa \alpha \kappa \alpha ́ \mathrm{~B}^{3 \mathrm{~s}}, \tau \dot{\alpha} \pi \alpha \rho \epsilon \sigma \tau \hat{\omega} \tau \alpha$
 $\mu i ́ \gamma v v \tau a \iota \mathrm{~B}^{3}$ ODMAVLP：$\mu \epsilon i ́ \gamma-\mathrm{B} ; \quad 199$ av̉ ${ }^{\prime} \grave{\eta}$ $\mathrm{B}^{3}$ ODMLP et ${ }^{1} \Sigma^{\mathrm{y}}$ ：$-\tau \hat{\eta} \mathrm{BAV} ; 208$ ai $\dot{a} \rho \in \tau \alpha i \mathrm{MAV}$ ：$a i$ ${ }^{\prime} \rho$－LP：ai $\rho$－ $\mathrm{B}^{\mathrm{uv}} \mathrm{O}:{ }^{\alpha} \rho-\mathrm{B}^{3} \mathrm{D} ; 213 \pi o ́ \sigma \in \iota$ סo $\hat{\eta}(\iota)$ MAVLP et $\mathrm{gB}: \delta o \theta \hat{\eta}(\iota) \pi o ́ \sigma \epsilon \iota \mathrm{~B}^{3} \mathrm{OD}$ et $\mathrm{gE}: \delta o \theta \epsilon \hat{\imath} \pi-$ $\mathrm{B} ; 240 \dot{\alpha} \lambda \gamma \eta \boldsymbol{\eta} \sigma \epsilon \varsigma \mathrm{BOMAVLP}:-\sigma \eta \mathrm{S}^{\mathrm{C}} \mathrm{D} ; 272-3^{27}$ $\gamma v \nu a \iota \kappa \hat{\omega} \nu . . . \kappa \alpha \kappa \hat{\omega} \nu \mathrm{B}^{3 \mathrm{~s}} \mathrm{D}^{s} ; \quad 284$ ov̉ $\rho \epsilon \iota \hat{\alpha} \nu \mathrm{B}^{3} \mathrm{DM}:$
 $\mathrm{B}^{3}$ DAVLP：$\eta \boldsymbol{} \sigma \sigma \omega \nu$（M）BO； $344 \sigma \dot{v} \mathrm{~B}^{3}$ DAVLP：$\sigma o i$ $\mathrm{BOM} ; 368 \delta^{\prime}$ om． BO （habent $\mathrm{B}^{\mathrm{c}} \mathrm{D}$ ）； 383 à $\nu a \dot{\gamma} \boldsymbol{\gamma} \kappa \eta$ $\mathrm{V}^{\gamma \rho} \mathrm{LP}^{2}$ et ${ }^{1} \Sigma^{\mathrm{y}}$ et $\sum^{\mathrm{mbv}}$ ：－каıv 〈P＞：－кaしv $\eta^{\eta} \mathrm{BOMAV}(\hat{\eta}$ $\mathrm{V}^{3}$ ）：－каiov $\tilde{\eta}^{3} \mathrm{~B}^{3} \mathrm{DM}^{2}$（ $\hat{\eta} \quad \mathrm{M}^{2}$ ）； 388 тоíav $B^{3}$ DMAVLP：$\pi o i ̂ \nu \mathrm{BO} ; 43 \mathrm{I}$ к $\rho \iota \tau \epsilon \hat{\imath} \mathrm{B}^{c}$ DMAVLP：

[^2] $\tau \lambda \hat{\eta} \mu \sigma \nu \mathrm{B}^{c} \mathrm{DMAL}: \tau \lambda \eta \dot{\eta} \mu \omega \nu \mathrm{BOVP} ; 522$ оїк $\omega \nu$ $\mathrm{B}^{2} \mathrm{DMAVTr}$ et $\mathrm{gB}^{\mathrm{c}}$ ：oîк $\omega \nu \mathrm{A}$ ：oîкov BOLP et gB ；$\quad{ }^{61} \quad \pi \rho o \theta v \mu i a(\imath) \quad \mathrm{B}^{3}$ DMAVLP：－íav
 $\mathrm{B}^{\mathrm{c}} \mathrm{O}^{\mathrm{c}} \mathrm{DALP}$ et $\mathrm{gE}: \xi \nu \nu \nu \epsilon ́ o \iota \sigma \iota \nu \mathrm{MV}^{3}$ ：$\xi v \nu \epsilon ́ \sigma \iota \sigma \iota \nu \mathrm{BO}:$

 BOMAVP； $750 \theta \epsilon o i ́$ бo兀 $\mathrm{B}^{\mathrm{c}} \mathrm{O}(\mathrm{D}) \mathrm{AVL}^{c} \mathrm{P}^{2}(\theta \epsilon o i ́ \sigma \iota \mathrm{D})$ ： $\theta \epsilon o i ̂ \sigma o \iota ~ M: ~ \theta \epsilon o i ̂ \sigma \iota ~ B L P ; ~ 762 ~ \epsilon i ̋ s ~ B^{2}$ DMAVLP $^{2}: ~ \epsilon i ̈$ $\mathrm{BOP} ;{ }^{763} \quad \pi \rho \epsilon \epsilon \sigma \beta v s \quad \pi \epsilon \rho \quad \ddot{\omega} \nu \quad \mathrm{~B}^{2} \mathrm{DAVLP}:$ $\pi \rho \epsilon \sigma \beta v \tau \epsilon ́ \rho \omega \nu \mathrm{BOM} ; 770 \epsilon i ̂ \tau \iota \mathrm{~B}^{3}$ DMAVLP：$\epsilon i \sigma i$ $\mathrm{B}^{\mathrm{uv}} \mathrm{O} ; 784$ oे $\nu \epsilon i \delta \delta_{\epsilon \sigma \iota \nu}^{\epsilon} \gamma \kappa \kappa \epsilon \iota \tau a \iota \mathrm{~B}^{2}$ DHAVLP et gB ：
 $\mathrm{B}^{2} \mathrm{D}<\mathrm{H}>\mathrm{MAVLP}$ ：єủ $\tau v \chi$ є́ $\sigma \tau \epsilon \rho \circ \iota \mathrm{BO} ; 837$ סaïas MAVLP：$\delta ı к a i ́ a s ~ B O: ~ \delta \epsilon ́ ~ \beta i ́ a s ~ f o r t . ~ u o l . ~ B ² ~(~ \delta \epsilon \mu i ́ a s ~$ D）； 898 кóv $\eta \nu \mathrm{B}^{2}$ DHAVL＇P：$\mu o ́ v \eta$ BOML； 935 $\beta \lambda \epsilon ́ \pi o v \sigma^{\prime}$ äv $\mathrm{B}^{2}(\mathrm{D}) \mathrm{HV}^{2} \mathrm{P} \quad\left(-\sigma^{\prime} \quad a ̉ \nu \quad \mathrm{D}\right):-o v \sigma \alpha \nu$ BOMAVL．

There is one correction in B which I confidently attribute to $\mathrm{B}^{4}$（Lascaris）： $5 \chi \rho o{ }^{\nu} \nu \omega \iota$ om．BOD（add． $\mathrm{B}^{4}$ ）． The same hand is possibly responsible for a few other corrections which do not appear in D：34I ка入є $\hat{\imath}$

 －тaıs BOD； 443 тí om．BOD（add．B＇）； $443 \sigma^{\prime}$ ov̉ $\mathrm{B}^{\mathrm{c} V L}$ ： oov BODMP：$\sigma o \hat{\mathrm{AV}^{3 \gamma \rho} ;} 659 \delta^{\prime}$ om．BODM et ${ }^{1} \Sigma^{y}$（add．$B^{\text {c }}$ ；suprascript，possibly the first hand）； $750 \epsilon \hat{v}$ om．BOD（add． $\mathrm{B}^{\text {c }}$ ；suprascript，poss－ ibly the first hand）．

B is alone in error at： $174 \mu(\gamma \nu v \tau a l] \mu \epsilon^{\prime} \gamma-\mathrm{B} ; 213$


 B；661 $\theta \epsilon ́ \lambda \lambda \omega \nu] \theta \epsilon ́ \lambda \omega \mathrm{~B} ; 856 \tau \hat{\alpha}(\imath) \delta^{\prime} \mathrm{OMAVTr}^{2}$ ： $\tau \alpha \delta^{\prime} \mathrm{LP}: \tau \hat{\omega} \delta^{\prime} \mathrm{B} ; 887{ }^{2} \dot{\xi} \gamma \gamma \epsilon \nu o \hat{v}_{S} \mid \xi \nu v \gamma \epsilon \nu \circ \hat{v}_{S} \mathrm{~B} ; 942$
 places where an error in B has been corrected by a later hand and the original reading is uncertain：e．g． 68




O is alone in error at：hypoth．line I（Murray）$\lambda \alpha \beta \grave{\omega} \nu$ ］
 от．О； $90 \pi \alpha ́ \theta \omega$ какóv］какòv $\pi \alpha ́ \theta \omega \mathrm{~B}$ ，како̀̀


 $\left.M_{\epsilon \nu \epsilon \lambda \epsilon} \omega\right]$－$\lambda$ áov $\left.\mathrm{O} ; 324 \sigma \tau \rho a \tau \eta \gamma \hat{\omega} \nu\right] \sigma \tau \rho a \tau \eta \lambda a \tau \hat{\omega} \nu$
 O； $384 \mu o \iota$ ］$\tau 0 \iota \mathrm{O} ; 385$ गaxov̂$\sigma a ́ ~ \gamma '] ~ \lambda a \chi o \hat{v} \sigma '$ O； 399 $\sigma \phi a \gamma \dot{\alpha} s]$ фaरàs $\mathrm{O} ; 423$ 乡v́ $\mu \beta a \sigma \iota v]$
 $\mathrm{O} ; \quad$ om．V（ $\delta \grave{\mathrm{c}} \mathrm{V}^{3}$ ）； 593 a̋ $\left.\delta o v \lambda a\right]$ äı $\delta o v \mathrm{O} ; 636$
 $\left.\eta^{\prime \prime} \delta^{\prime}\right] \stackrel{\eta}{\eta} \theta^{\prime} \mathrm{O} ; 664$ om．O； $679 \hat{\eta}$ om．O； 692
 ooı O：om．P； 873 ov $\mu \epsilon ́ \sigma \omega s]$ ả $\mu \epsilon ́ \sigma \omega s \mathrm{O} ; 926$


Here are the places where B and O have a different reading and share that reading with other manuscripts：
（i）O shares the right reading， B the wrong reading： hypoth．line 12 ó om．BP；ISI $\sigma \pi \alpha \rho \tau \iota a ́ \tau \iota \delta o s]$
 $a v ̇ \tau \grave{\eta} \mathrm{~B}^{3} \mathrm{OMLP}^{1}{ }^{1} \Sigma^{\mathrm{y}}:-\tau \hat{\eta} \mathrm{BAV} ; \quad 240 \alpha \hat{v} \mathrm{OA}^{1}$ et ${ }^{1} \Sigma^{\mathrm{m}}$ ：

 $\sigma \omega \mu a \iota]$－v́бoнaı BALP； 657 $\sigma \tau \epsilon ́ \gamma o s] ~ \tau \epsilon ́ \gamma o s$ MB； 750 $\theta \epsilon o i ́ ~ \sigma o \iota ~ B^{c} \mathrm{OAVL}^{2}$ ：$\theta \epsilon o i ̂ \sigma o \iota ~ M: ~ \theta \epsilon o i ̂ \sigma \iota ~$ BLP；81о ктєívovoa］－vaбa BL； 868 av̂ $\tau \grave{o l} \mathrm{OLV}^{\mathrm{c}}$ ：
 －$\tau \alpha ́ \tau \omega \iota \mathrm{BM}$ ．
（ii） B shares the right reading， O the wrong reading： hypoth．line $2 \delta \dot{\epsilon} \mathrm{om}$ ． $\left.\mathrm{OVL}{ }^{\text {ac }} ; \quad 53 \kappa \tau \epsilon i v \epsilon \iota\right] \tau \epsilon i v \in \iota \mathrm{O} \Pi^{8}$ ： $\tau i \nu \epsilon \iota$ AP et $\gamma_{\rho} \Sigma^{\text {mvy }} ; \quad 167 \chi \epsilon \rho i$ BHML：$\chi \in \iota \rho i \mathrm{O}^{\mathrm{uv}} \mathrm{A}^{\mathrm{uv}} \mathrm{V}$
 $\left.\left.\mathrm{Va}^{5}\right) ; 244 \tau \alpha \gamma^{\prime}\right]$ тá $\left.\delta^{\prime} \mathrm{OP} ; 382 \kappa \tau \epsilon \nu \hat{\omega}\right], \kappa \tau \alpha \nu \hat{\omega}$ OP； 399 т $\rho о \chi \eta \lambda a ́ \tau o v s] ~-\tau o v ~ O M ; ~ 679 ~ \dot{\omega} \phi є \lambda о i ̂ s$ $\mathrm{BO}^{\mathrm{s}} \mathrm{AVTrP}^{2}$ ：$-\lambda \epsilon i \bar{s} \mathrm{OM}<\mathrm{L}>\mathrm{P}$ ；81о к $\tau \alpha \nu \epsilon i v$ BMAV （et O marg．）：$\theta a v \epsilon i v \mathrm{OHLPV}^{3 \gamma \rho} ; 1262$ mópov $\mathrm{BO}^{5} \mathrm{MAV}^{2} \mathrm{LP}$ ：$\pi o ́ v \tau o u \mathrm{OVV}^{3}$ ．

In the parts of the text where $B$ is missing（957－1212， 1236－49，1272－88）the readings of $D$ are witnesses to the lost readings of B．Such readings are of interest only where they differ from those of $O$（ $D$ is itself missing from I 129－1219）．There are only three such differences： $994 \phi \circ \beta \eta \theta \hat{\eta} s$ DAV ${ }^{3}$ PTr：－$\theta$ єis OMVL； 1034
 бó $\mu o \iota s$ DAVLP：$\delta \rho o ́ \mu o \iota s$ OM．

There is no place where B alone preserves the truth． There is one place where O alone preserves the truth， and another where it may do so： $832 \pi \epsilon \epsilon \pi \lambda$ dous O ，sicut
 I have discussed these lines in Illinois Class．Stud．vi．I （1981）95－8．

Here are three divergences between $B$ and $O$ ，where both are in error： $185 \tau \dot{\partial} \mu \dot{\eta}] \kappa \alpha i \tau \grave{\prime} \mu \dot{\eta} \mathrm{~B}$ et gV ：кai $\tau \grave{o}$ O； 588 бòv．．．кá $\rho a]$ $\sigma \eta ̀ \nu . . . \kappa \alpha ́ \rho a \nu ~ B: ~ \sigma \eta ̀ \nu . . . ~$ $\chi \epsilon ́ \rho \alpha \mathrm{O}\left(\sigma \grave{\eta} \nu\right.$ etiam $\left.\mathrm{V}^{3}\right)$ ；791 $\sigma \epsilon \kappa \alpha i{ }^{\text {H }}$ MVLP：$\tau \epsilon \kappa \alpha i$ B：каi $\mathrm{O}^{\prime}$ ：om．A．

The picture which this evidence presents of the relationship between B and O is precisely the same picture as we found in Alcestis．The hypothesis of contamination，although it cannot be ruled out，does not have to be invoked as an explanation of any reading where $O$ differs from $B$ ．All of the readings which $B$ or O ，when they disagree，share with other manuscripts can be readily explained as the products of either（i） independent errors or（ii）the presence of occasional variants in the common ancestor．

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## Two notes on té $\lambda$ os and related words in the Oresteia

1．$\tau \epsilon \lambda \epsilon \sigma \phi$ ópos at Cho．663－4
For Sho．
${ }_{\epsilon}{ }^{\prime} \xi \in \lambda \theta \epsilon ́ \tau \omega \tau \iota s \delta \omega \mu a ́ \tau \omega \nu \tau \epsilon \lambda \epsilon \sigma \phi o ́ \rho o s$ $\gamma v \nu \grave{\eta} \tau o ́ \pi \alpha \rho \chi \circ \varsigma, \tilde{a}^{\alpha} \delta \rho \rho \alpha \delta^{\prime} \epsilon \dot{\jmath} \pi \rho \epsilon \pi \epsilon \in \sigma \tau \epsilon \rho \circ \nu$.
$\tau \epsilon \lambda \epsilon \sigma \phi$ ó $\rho o s$ in these lines is translated by LSJ as＇one having the management or ordering＇and this sense of ＇being in command＇，＇having authority＇from the use of $\tau \epsilon$＇́los as＇authority＇，＇magistracy＇（LSJ I 3 and 4）is followed by Sidgwick，Tucker，Verrall，Lloyd－Jones and others ${ }^{1}$ going back to the scholiast who glosses the

[^3]
[^0]:    ${ }^{1}$ Dated c. 1320 by A. Turyn, The Byzantine manuscript tradition of the tragedies of Euripides (Urbana 1957) 333. But N. G. Wilson, Scritura $e$ Civiltà vii (1983) 161-76, has given reasons for assigning it to the second half of the twelfth century,
    ${ }^{2}$ Berlin $185 s$.

[^1]:    ${ }^{14}$ Paris / Florence 1938.
    ${ }^{15}$ Ed. G. A. Longman, CQ ix (1959) $129-4 \mathrm{I}$.
    ${ }^{16}$ Ed. K. Matthiessen, Hermes xciii (1965) 148 -58.
    17 Ed. K. Matthiessen, Hermes xciv (1966) 398-410.

[^2]:    ${ }^{18}$ I am grateful to Mr P．J．Parsons for communicating the readings of this papyrus，and to the Egypt Exploration Society for permission to quote it（I do so once，at 53 ）．

[^3]:    ${ }^{1}$ D．Holwerda，＇TE $\Lambda O \Sigma$＇，Mnemos．xvi（1963） 345 ff．，and M．
    

