

‡11 Academe's Most Guarded PseudoVerities

Long Lasting Crackpot Consenses Academe Deliberately *PROTECTING* Myths Every Historical Lie Sustained by an Interested, Rich Entity Literature, Math, Astronomy, & Geography

A The LoanShark Who Flunked Grammar School: WmShakespeare

A1 College English Departments swear that moneylender Shakespeare learned enough at Stratford Grammar School to account for the Shakespeare corpus' high erudition, so — *our universities are insisting on the non-necessity of a university education* . None connect acquaintance Ben Jonson's witness, that Shakespeare had "small Latin", with Latin having been the language of instruction at British grammar schools (www.dioi.org/ji00.pdf §I3) — where learning thus required facility with Latin.

A2 Wealthy & powerful entities are more desirous of exploiting the "Shakespeare" brand name than in seeking truth: Stratford Theatre, major newspapers, universities (English&Drama Dep'ts). They thus inhibit public access to anything upsetting to orthodoxy. Academe smears as nutsacrilege even *asking* if Shakespeare fronted for another, an issue taboo (*ibid* §W20) on campuses & *newsmedia*, where none mention that capital-crimes-indicted spy & LONDON's #1 playwright, Cambridge Univ-educated Kit Marlowe, vanished in 1593 *less than 2 weeks* ere Will's 1st work appeared in LONDON, as the top antiMarlovian admits (*ibid* fn 14). Even Westminster Abbey's Marlowe memorial questions his supposed 1593 death.

B Egypt & Babylonia

B1 Historians push shaky & far-too-complicated theories for 3'-accurate Great Pyramid-orientation, while star 10i Dra yields an easy, correct, prominent solution: detailed above at ‡3 & at *Nature* 412:699 (2001) & at *Griffith Observer* (2019) = www.dioi.org/g835.pdf.

B2 The most expensive Historians-of-science insist (above, ‡7 §A5) Babylon was the source of rigorous Greek science, a prank pulled off by nonciting *DIO*'s simple-math-*precise* tracings of 10 anciently adopted period relations & 1^s-correct monthlengths (e.g., www.dioi.org/jm03.pdf §§G&I6&I16&I31-I38) by *attested GREEK* methods, while centrists' *speculative & UNattested* Babylonish methods haven't elicited *a single one*. The key 100 BC Babylonian cuneiform text BM55555's monthlength & yearlength have been traced unambiguously (*idem*) to **PRIOR** Greek sources (Aristarchos&Hipparchos), as lately acknowledged on the clay's tag at London's nonpareil British Museum: details above at ‡7 §B8. In their cocksurety, PanBabylonianists also too-unconsideredly regard as ignorably superficial a mass of symptoms of Babylon's primitivity (www.dioi.org/jb.pdf): no trig, no transit data, no idea of the planets' physical order, ignorance of cities' latitudes *including Babylon's own*, not even knowing the Earth is round! PanBabylonianism began 100^y ago when scholars found Greek numbers on cuneiform texts older than extant Greek sources & so *assumed* Babylonian primacy, neglecting the obvious: *hard clay outlasts papyrus*.

B3 The Pyramid matter was settled honestly within a year, while the Babylonian hoax has lasted decades & still lingers unretracted. Difference? Science journals — *Nature & Griffith Observer* — as against History-of-science journals.

C Why Don't Historians Check Atlases? For DECADES on End!

Ancient geographers' **ZERO-DEGREE MERIDIAN** was the "Blessed Isles". (I.e., that was Greeks' Greenwich.) All historians guess they were the Canaries. But that island group is **800 miles north — and about a 1/2 hour east — of where ancient Greek maps actually put the Blessed Isles**, which was at the Cape Verde Islands. Despite *DIO*'s 2017 alert (www.dioi.org/jm01.pdf p.8) on this to Hist.sci Soc's *Isis*, inertia continues undisturbed, as it has for over a century now. Similar inertia: *ibid* §D & www.dioi.org/jg02.pdf fn 5. And so an ever-zombiesque-follow-the-leader History-of-science field has scaled the highest pinnacle of arrogant ineducability, carrying along larger academe, which it leads by the stratospheric nose in all such matters.

D Plagiarist Ptolemy Defended by Plagiarist JHA Heirhead-Editor

D1 Astrology-bible-author Ptolemy's 4 "observed" Sun-positions were **FIFTY TIMES NEARER** 280^y-old indoor tables than to the real sky (www.dioi.org/jm01.pdf §G), thus off **by more than the Sun's diameter. No scholar denies any of these facts, which unambiguously prove Ptolemy computed his allegedly OUTDOOR "observations" INDOORS.** Yet AAAS' *Science* 193:476 knowingly echo-praises as "The Greatest Astronomer of Antiquity" this proven criminal, and academe awards&promotes even the ugliest, most baselessly&dementedly-fantastic slanderers (**don't miss** www.dioi.org/ns.htm !) of the pioneer systematic exposé of his crimes (Johns Hopkins physicist R.Newton) — *miss-men who robo-cultishly praise an astrologer&faker as The-Greatest even WHILE actually smearing OTHER PEOPLE as cranks.* And a dissenter's home is burgled for fiscal & blackmail material, trying to shut down an independent voice: www.dioi.org/tar.pdf.

D2 To alibi-defend Hist.sci-icon Ptolemy, allegedly-refereed academic journals&books **attestationally** claim Greek astronomical observations' normal accuracy was poor since routinely forced (www.dioi.org/jL09.pdf §A1) to agree with flawed theory — ignoring that, e.g., Greek astronomers determined solstices to 2^h accuracy, latitudes to 1', the Moon's distance to 2%, & **all 3 monthlengths to 1 time-second or better** (*ibid* §§A2&B). The most prominent (if lonely) alleged evidence for ancient Greek inaccuracy was part of the *Journal for the History of Astronomy*'s would-be triumphant anti-R.Newton&DR 1987 double-Pb paper (*JHA* 18:155&233) by supochant James Evans (aptly anointed by O.Gingerich in 2013 as heir to *JHA* Editorship), which points to the huge disagreement of Hipparchos' two lunar eclipse-measurements (146&135 BC) of Spica's longitude (*Almajest* 3.1). Evans' checked the method himself outdoors via 1981/7/16's eclipse, finding star λ Sgr's longitude comparably wrong. But the 3 observations' errors are all **larger than the 1/2-degree width of the Moon:** no one could make such an error even once, much less 3 times out of 3! Solution: both men just mis-signed lunar parallax. Their reported errors are a joke: respectively (www.dioi.org/jm03.pdf §B7) $-33'$, $+33'$, $-40'$. **Again: larger than the Moon itself.** When corrected for mis-signed parallax, the observational errors are instead merely $-2'$, $+2'$, $+1'$, in-line (www.dioi.org/jm04.pdf p.100) with typical ancient Greek accuracy. (Brief analysis: www.dioi.org/jm03.pdf §B6; fuller: www.dioi.org/jg01.pdf.) Evans 1987 p.275 says "my notes from that evening" get his star's longitude "too small by about 40' ". When www.dioi.org/j800.pdf (*DIO* 8) p.2 (1998 November) 1st partially cataloged Evans' mass of scholarly bloop [lots more at www.dioi.org/jhb.htm#vjcjr] and his deliberately & unsubtly skewed non-citations, his reaction epitomized the bravery&honesty of his field by claiming¹ he'd just incuriously trusted 2nd-hand orders which luckily reached

¹ Evans' transparent story is needlessly but helpfully detailed (in his [one-day-late for April 1] 1999/4/2 letter to inquirer Thurston [emph added]): "I have been told [the Publisher] printed a diatribe [www.dioi.org/j800.pdf p.2], with the usual sarcasm and ridicule. [Anyone can check Evans' integrity re "diatribe" via vol.8's all-too-FACTUAL record of his scientific & even bibliographical sins. (In Hist.sci, criticizing maid-men = banishable.)] Life is too short [an alibi which verbatim-echoes

him ere he opened *DIO* 8. So he claims not reading *DIO* anymore, conveniently evading the impossible task of refuting its serial revelations of his cornucopia of bungles & (www.dioi.org/jm03.pdf fnn 10-11) what he evidently believes are subtle sleights. Evans has since repeatedly been sent *DIO*s which charge that he's hiding his "notes from that [1981 eclipse] evening" (*JHA* 18:275), but he keeps right on hiding them from inquirers (e.g., Thurston: fn 1), while lacking the decency to retract his 1987 mis-claim that he produced key evidence for academe's durable lie of Greek nonempiricism, and so he **lets that botched & now-known-to-be-invalid evidence stand for decades** from higher concern for continuing his pseudo-verification of sacred myth than for historical truth. (Which at least exhibits integrity-consistency with his several plagiarisms: www.dioi.org/jm03.pdf fn 10.) Understand: ***we're here describing the most powerful&feared figure in history of astronomy today***, whose favor **decides the fates of its scholars.** There exists not the slightest visible hint that Evans-anointer Gingerich cares. Or anyone else in academe.

E Ancient Geography

E1 Academe teaches that spherical trig originated c.100 AD & that no ancient correctly gauged Earth's obliquity (tilt). Yet in 1934 the eminent Indiana University philologist Aubrey Diller, not an anointed historian-of-science, proved sphtrig calculations using accurate obliquity neatly satisfied Strabo-preserved Hipparchan 135 BC latitude data. *DIO* later found that the theory fruitfully fit further such latitudes Diller didn't even know of, finally satisfying all 14 Hipparchos-Strabo data, *on-the-nose every time.* For 87^y (7/8 of a CENTURY) since 1934, historians-of-science, finding no mismatch in Diller's key double-discovery, typically (www.dioi.org/sti56.htm#fgbd) resort to abuse, calling it "absurd", pushing their own people's 2 theories, **neither of which fit even 1/2 of the same 14 data.** Be sure to check www.dioi.org/jm03.pdf's devastating **Table 1, which displays all sides' nonfit data IN ITALICS.** (*No one has disputed any among the 500 digits in that table.*)

E2 Historians-of-science showed good sense (www.dioi.org/jm03.pdf §I38 & fn 110) when realizing that Greeks' macrogeographical unit, the stade, was 185 meters, but then went shunny in the head when *DIO* in 2014 unveiled the sole solution so far which precisely explains the 185m stade's origin: since c.300 BC Greeks divided numbers **and meridians** into 60^{ths}, they (as moderns created the nautical mile & the meter) used Earth's circumference $C = 40000000$ meters: because $40000000\text{m}/60/60/60 = 185\text{m}$, the match to the ancient 185m stade thus implies (\ddagger §A3) **ancient Greek surveyors had measured Earth's size within 1%.**

E3 Later successively-standard Sostratos&Poseidonios estimates of Earth-circumference C hugely disagreed with reality&each other: by 20%&40%! History-of-science journals can explain one but not both sizes by speculating that Greeks used an oddball length-unit. But *Isis*, *JHA*, AmerAstrSoc's Hist.Astr.Div, etc, have shown for decades **no ability to compute-verify DIO's decades-long-hermetically-Hist.sci-uncited** discovery (widely-cited in the scientific literature, even including a standard textbook, †10 §B2) that: accounting for light-airbending's effect on two simple & distinct Pharos-based C-measures produces respective matches to within 1% for BOTH Sostratus' & Poseidonios' C -values: *Griffith Observer* 82.8 (2018) = www.dioi.org/g828.pdf pp.9-16. But the silence of corrupt & incompetent pretend-journals stretches on.

fellow *JHA*-brave Swerdlow: www.dioi.org/jhb.htm#cdqm or www.dioi.org/j238.pdf §C29] to waste one's time on that sort of thing, so I've just **thrown away** that issue without opening it or looking at it." Academe unashamed to copy 1984's Memoryhole & Goebbels' pyre for rebel truth: **INCINERATE** it. Evans unaware he's thereby confessed to lowering himself to puppethood of archons ordering him not even to **look at** exiled ideas. SuccessStory from CravenCrawl to *JHA* Editorship. Noplace in academe or press expresses even mild disapproval of such increasingly-standard **debasement-toward-advancement.**

E4 In 1991, analysis of Hipparchos' eclipse trios (www.dioi.org/j139.pdf §§K8&K9) discovered his 1st solar orbit used a 158 BC S.Solst with Kallippos' 365^d 1/4 year; but 14^y later, 1900^y-old papyrus *P.Fouad 267A* was revealed (*Archimedes* 23:1-10) to have *STATED* both. **Not one historian-of-science admits either discovery's confirmation.** (Historians of science are scientists-shy [www.dioi.org/hj.pdf !], being the only historians who fear their own subjects.)

E5 In 2016 Dec, History of science Society's pseudo-refereed *Isis* called "delusional" the perception of Gosselin (1790), current Max Planck Inst (Berlin) mathematicians, & *DIO* that Greek geographical longitudes were accurately eclipse-based. *Isis'* charge was launched by: [a] haplessly-maplessly calling Kleomedes' correct Spain-vs-Persia 4ⁿ = 60° gap "badly overestimated"; [b] treating a 59 AD *solar eclipse as lunar*, ignoring Neugebauer 1975 p.668's warning of the difference's effect, though reference to that very page lies **in the author's own footnote 7!** All this, to demean Pliny's right-on Naples-vs-Armenia eclipse 3ⁿ gap (*Griffith Observer* 82.8 p.16, 2018; www.dioi.org/jm01.pdf pp.4-5). Besides these 2 incredibly fatal foulups, advertising the amateurishness of all involved, 5 lesser but equally obvious errors (*ibid* p.8) eluded the article's *alleged review by at least 6 readers*. Informed of its disaster, defenseless *Isis* corrects nothing (www.dioi.org/jm01.pdf), **blithely uncaring that it is consciously misinforming its readers.**

F Aristarchos of Samos' Precession, Heliocentrism, Huge Universe

F1 Aristarchos of Samos (fl. 280 BC) is immortal to astronomers and indeed all scientists as the 1st *heliocentrist*. Yet leading historians-of-science have long treated him as a mixed-up worthless fabricator (www.dioi.org/je02.pdf §A & fn 70). But in 2002, *DIO 11.1* †1 = www.dioi.org/jb11.pdf eqs.2-8 showed that c.280 BC (80^y before the hitherto-credited Babylonians), he'd ingeniously found both the synodic&anomalous months to 1^s accuracy or better!

F2 Geostatist Hipparchos is oddly deemed geomobile precession's discoverer: 1°/100^y. But 150^y earlier geomobilist Aristarchos found 1°/100^y precession: www.dioi.org/jm03.pdf §G6 & *especially* fn 62. Though ever-uncomprehending historians of science have never mentioned either the aptness or the mathematical basis for this finding, it's obvious from 200 BC Vatican mss 1st decyphered at www.dioi.org/j913.pdf, and explained there at its §D5. Those mss provide two distinct yearlengths for Aristarchos: tropical-Metonic 365^d 1/4 – 15/4868, and sidereal 365^d 1/4 + 1/152. Though historians may not know this: astronomers recognize the difference as due to precession. That difference corresponds² to nearly 1°/100^y. This early estimate by Aristarchos was badly in error, yet centuries later, it was adopted roughly by Hipparchos, precisely by Ptolemy. (Its persistence may be a measure of ancient scientists' awe of Aristarchos.) Real precession then: 1°.38/100^y; now 1°.40/100^y.

F3 In 1998 Neugebauer's Babylonianist acolyte, MacGenius Noel Swerdlow, decreed Aristarchos' heliocentric conception "useless" (‡7 §A5) compared to those *genius scientists* who did omen-astronomy in Babylon. Whose latitude they didn't even know (*idem*), since Swerdlow's Babylonian fellow genii thought the Earth was flat!

F4 "Useless" Aristarchos' *heliocentrism-launched* equation (*Archimedes Works* p.232)

$$\text{EarthSize/SunDistance} = \text{SunDistance/StarsDistance} \quad (1)$$

is merely **key to the universe's size**. Eq.1 meant nought to historians-of-science for eons, though clearly saying **equally invisible** diurnal-solar & annual-stellar parallaxes (baseline/objectdistance) are each bounded by same human vision limit (www.dioi.org/g841.pdf). *Sandreckoner* compares each ratio to 1/10000, eye-acuity in radians (6000angstroms/6mm).

²Note that, even if one disputes the fine details of decypherment, the Vatican lists' 1st continued-fraction terms (1/20 and 1/10) produce yearlengths 365^d 1/4 – 1/324 and 365^d 1/4 + 1/156 resp, whose difference is again close to 1°/100^y.

F5 Which *heliocentrically* implies: the distance to the stars is 10000² Earth-radii, vs Neugebauer-Swerdlow's The-Greatest, Claudius Ptolemy, who *geocentrically*-estimated it at ordmag 10000 Earth-radii. So Aristarchos' universe was perceptibly&perceptively at least 10000 times wider than that of The-Greatest's, thus a trillion times its volume.

G Defunct Verities

G1 At the end of the 20th century, the sources of *three ancient-Greek-attested lunisolar speed-ratios* (www.dioi.org/jm03.pdf §§I36-I38) had never been explained. Then, all three ratios — **every one of their 24 digits** — were finally&exactly solved by *DIO* 2002-2003 via 13th century BC eclipses (*idem*), a discovery anathema to archonal historians-of-astronomy, who (to this day) have never solved any of the 3 ratios, nor (frustratingly!) been able to find the slightest error in the math of *DIO*'s solutions. Due to misinterpreting&overtrusting *Almajest* 3.7, academe has long refused to recognize any eclipse-report earlier than 721 BC as surviving down to classical times. So, in 2018, *DIO* sent to 1000 leading scholars our offer that, 'til 2020/1/1, we'd award \$100,000 for eclipse-pairs in academe's own permitted range (i.e., later than academe's 721 BC limit), which — via the simple standard Greek method attested at *Almajest* 4.2&6.9 — alternatively explained those 3 hitherto-mysterious Greek ratios. Our \$100,000 challenge stood until 2019's end. No winners.

G2 *JHA* in 2009 usefully recovered eclipse-based Spanish Empire longitudes but imagined western Moon-rises (!!), and created false systematic errors by innocence of Equation of Time (so elementary it's graphed in public parks that bear sundials!), naïvely comparing mean times to apparent times (www.dioi.org/jhb.htm#jzzz). No *JHA* correction.

G3 Orthodoxy says Newton discovered his First Law, universal gravity, & its inverse-square distance-dependence; yet original mss show that Robert Hooke was 1st for all three (Nick Kollerstrom *The Dark Side of Isaac Newton* 2018 pp.69&88).

G4 Academe's collapsed past false orthodoxies (www.dioi.org/jL07.pdf) caused unjust, often cruel shunnings (or much worse), as conventional forces suppressed the following as long as possible: 1. Heliocentricity. 2. Round Earth. 3. Hooke's preNewton inverse-square-gravitation discovery. 4. Meteors' celestial origin. 5. Bleeding's lethal folly. 6. France not Britain discovered planet Neptune. 7. Darwin's Evolution by Natural Selection. 8. Tyrannosaurus Rex scavenged. 9. Continental Drift. 10. Robert Peary's North Pole fake. 11. Richard Byrd's North Pole fake. 12. Roald Amundsen's ever-unique double-priority, 1st at **each** geographical pole: North AND South. **[It seems to be IMPORTANT TO THE NATIONAL GEOGRAPHIC SOCIETY to keep the public from knowing this, since NGS banned Amundsen in 1926 for the crime of asking for evidence: DIO 30 = www.dioi.org/ju00.pdf §M5; DIO 24 = www.dioi.org/jo00.pdf p.3. NGS adamancy thus continues — now for nearly a century — to rob the Norge's true polar heroes Amundsen, Lincoln Ellsworth, Umberto Nobile, & Hjalmar Riiser-Larsen of the credit they genuinely earned, long stolen by National Geographic's liars Peary, Byrd, & Grosvenor.]** 13. Phrenology's baselessness. 14. Freudianism's fraudulence. (*DIO* helped establish 6&10-12: *SciAmer* 2004 Dec p.98; *NYTimes* 1996/5/9 p.1 & 2009/9/8 Science; www.dioi.org/jo00.pdf details ultra-high academe's protection of Peary&Byrd hoaxes by hiding records & *threatening* Yale Univ Press.) Can academics commit henceforth to being less cliquish&fearbound & more fairminded than indicated by their past? What would be lost? Besides public mistrust. Even academe's harshest critics know it creates far more than it hides — but (www.dioi.org/jm01.pdf p.9) that's no excuse for fleeing selfexamination.

G5 No power in academe cares anymore if publications are competent or honest. Hard to find clearer evidence that, for the great bulk of non-math-science academics, the purpose³ of academe isn't truth. For what it's primarily become, see †1 §A2.

³See, on *DIO*'s back cover, John Fauvel's arch understated 1993 comment (British Society for the History of Mathematics *Newsletter*).