Almagestum Novum astronomiam veterem novamque complectens observationibus aliorum et propriis novisque theorematibus, problematibus ac tabulis promotam. Pars posterior tomi primi (New Almagest, embracing both old and new astronomy, advanced by the observations of others and the author's own, and by new theorems, problems, and tables. Volume I, Part 2) — Editorial footnotes (draft)

Giovanni Battista Riccioli, S.J. (1598–1671). Drafted editorial footnotes for review before publication. Each note is keyed to its anchor in the **manuscript-grade complete edition** — the collated output that retains the per-batch/page scaffolding the anchors reference (produced by `ms`). The reading in the main text is **preserved as printed/transcribed** and is not altered by these notes. The note text below is a **draft** — review and edit before publication.

The notes are classified as follows:

- **Category B — source compositor error.** A printing, compositor, or scribal error in the source itself (a wrong letter or digit, a dropped or doubled word, a non-resolving citation). The likely intended reading is noted, but the main text preserves exactly what is printed.
- **Category C — author/source anomaly.** An anomaly originating with the author or the source rather than the typesetting (a factual or geographic slip, a misattribution, an internal inconsistency, or a deliberate but unusual feature). Recorded as written.

- **Missing-source lacuna.** A point where source text is missing, damaged, or illegible. The note states what should stand at the gap and points to an alternate witness where one is known.

#	Anchor	Cat.	Item
1	batch_007 / p.21	B	Index: page figure printed ”12S” (capital S for a figure)
2	batch_008 / p.24	B	Index: page figure 532 in the run 431 → 532 → 433
3	batch_009 / p.25	B	Index: page figure 535 between two entries at 553
4	batch_009 / p.26	B	Index: problem numbers printed ”28. 39. 30.”
5	batch_010 / p.30	B	Greek comet names printed πωγονίας and ὁ πὼγον
6	batch_012 / p.34	B	Comet year printed 786 in the body, 876 in the margin
7	batch_012 / p.35	B	Printed ”appatuit” for ”apparuit”
8	batch_013 / p.38	B	Printed ”militatis” for ”militaris”
9	batch_015 / p.44	C	”ruiſſe” printed where the construal reads ”fuiſſe”
10	batch_018 / p.52	C	Duration synopsis, first cell: 5/96 or 9 5/6
11	batch_023 / p.67	B	Printed ”defererentur” (f) for ”deſererentur”
12	batch_023 / p.67	B	Greek printed ἐκπυρομένα (no ου)
13	batch_025 / p.73	B	Printed ”intertubarunt” for ”interturbarunt”
14	batch_030 / p.88	C	The proportion 10000000 : 10135635 :: 3821½ : 3873 3829152/10000000 does not compute
15	batch_035 / p.104	B	”10′. vel 12″”: a minute mark among values in seconds
16	batch_035 / p.105	C	”Solis D”: the Sun lettered D where the construction puts it at I
17	batch_036 / p.108	C	Difference printed 29″ where the two distances differ by 28″
18	batch_037 / p.111	B	Printed ”ob ore” for ”ab ore”
19	batch_041 / p.123	la-cuna	Day of February missing in the date of the comet of 1590
20	batch_042 / p.124	C	Margin prints ”deſecti” beside the body's ”detexit”
21	batch_043 / p.128	C	Minutes set ”5 1′½” with a wide space
22	batch_043 / p.129	B	Printed ”Blancanns” (turned u)
23	batch_044 / p.132	B	Printed ”obſeruatur” for ”obſeruator”
24	batch_045 / p.135	B	Printed ”Aſceuſionem” (turned n)
25	batch_050 / p.148	B	Printed ”quadrantem terra D E” for the genitive ”terræ”
26	batch_050 / p.150	C	Unexplained printed form ”bar-/bilógos”
27	batch_051 / p.152	C	The text cites a point Y (”DZM, vel BYR”) that the figure does not print; label δ in the figure
28	batch_051 / p.153	B	Printed ”prodemodum” for ”propemodum”
29	batch_052 / p.155	B	Printed ”abicubi” for ”alicubi”
30	batch_052 / p.155	B	Printed ”diſſeptaremus” for ”diſceptaremus”
31	batch_052 / p.156	B	Side-note series numbered 1, 2, 2, 4
32	batch_053 / p.159	B	Ovid line printed ”Alcynoën”
33	batch_054 / p.160	B	Printed ”Sella” for ”Stella”
34	batch_054 / p.161	B	Printed ”denſiones” for ”denſiores”
35	batch_055 / p.163; batch_067 / p.199	B	”nonam” / ”Nonam” printed for ”nouam” / ”Nouam” (New Star)
36	batch_055 / p.163	B	Printed ”ſcilieet” for ”ſcilicet”
37	batch_056 / p.167	C	Muñoz's ”greatest” altitude printed smaller than his ”least”
38	batch_058 / p.173	B	Order marks: ”6″. 43″.” and ”28. 6′. 32′.”
39	batch_058 / p.173	C	Right-ascension subtraction does not give the printed remainder

#	Anchor	Cat.	Item
40	batch_058 / p.174	C	Cross-reference "capite 4. à numero 2." points to proofs given under Caput V
41	batch_059 / p.176	C	"ab Æquatoris polo D": the figure letters the pole P
42	batch_060 / p.178	C	"plus quàm in minima" where the argument needs the greatest altitude
43	batch_060 / p.180	C	Least altitude printed 28° 9′ where 48° 22′ − 28° 13′ = 20° 9′
44	batch_060 / p.180	C	Vienna pole altitudes "48. 44′. aut 45′" and their mean 48° 20′ do not compute
45	batch_061 / p.181	C	Tycho's least altitude read 47° 45′; the printed difference 56° 26′ implies 27° 45′
46	batch_061 / p.183	B	Printed "diquiſitione" for "diſquiſitione"
47	batch_062 / p.184	C	Angle CBD 17° 57′ against angle sums that close only with 17° 52′
48	batch_062 / p.185	B	Altitude printed "76.35″." (seconds mark) where line 99 has 76° 35′
49	batch_062 / p.185	B	Two consecutive margin notes both numbered "5."
50	batch_064 / p.192	C	Margin "Peucerus iunior" beside a body naming Caspar Peucer
51	batch_066 / p.198	C	Table row "Heart of Scorpius", sign cell: cross sort or Sagittarius
52	batch_067 / p.201	C	Year forms out of chronological order in the table of the star's bulk
53	batch_069 / p.207	B	Printed "ſubbatiſmum" for "ſabbatiſmum"
54	batch_070 / p.209	B	Aquinas cited "q.16." where the same article is "q. 36." twice elsewhere
55	batch_070 / p.209	B	Printed "ſit" for "ſit" in the quotation of Suárez
56	batch_070 / p.209	B	Printed "quod materiam" for "quoad materiam"
57	batch_071 / p.212	B	Greek "τοὶ Περσῶν" printed for "τῶν Περσῶν"
58	batch_071 / p.213	B	Greek "ἐργαστριμίθους" printed for "ἐγγαστριμύθους"
59	batch_073 / p.219	B	De Bèze's verse printed "præſciſſere" for "præſciſcere"
60	batch_074 / p.221	B	Printed "conuertemns" (turned u) for "conuertemus"
61	batch_074 / p.222	B	Greek "ὥρος" printed where the gloss "ideſt terminus" requires "ὅρος"
62	batch_076 / p.226	B	Septuagint Gen. 1:10 printed "ἐκάλισεν ὸ θεός τῆν ξήραν, γήν"
63	batch_076 / p.227	B	Septuagint Gen. 1:2 printed "σκύτος" for "σκότος"
64	batch_076 / p.227	B	Septuagint Gen. 1:2 printed "ἐπιφίριτο ἐπάνο" for "ἐπεφέρετο ἐπάνω"
65	batch_077 / p.229	B	Printed forms in quotations: "Χάνειν", "Erer", "δυνὰμη"
66	batch_077 / p.229	C	Unconstrued printed words "Deũm retur inyſſe"
67	batch_077 / p.230	B	"ferreum" (iron) printed where the doctrine needs "terreum" (earthy)
68	batch_079 / p.236	B	Greek "αὐτονομαστικῶς" printed for "ἀντονομαστικῶς"
69	batch_079 / p.237	B	Septuagint Gen. 1:3 printed with the o/ω endings interchanged
70	batch_081 / p.242	B	Greek "ν υκθήμερον" printed for "νυχθήμερον"
71	batch_082 / p.246	B	Margin cites "Iob 20." for a verse of Job 26
72	batch_086 / p.256	B	Margin prints "Auguſtinut" (t for s)
73	batch_089 / p.265	B	"ab interim interim immune": a word set twice, the noun governed by "ab" missing

#	Anchor	Cat.	Item
74	batch_091 / p.273; batch_092 / p.276; batch_096 / p.286	B	Sorts that did not print, leaving a clean gap: ”mo ûs”, ”d -”/”cent”, ”f t”
75	batch_098 / p.294	B	Greek article printed ”τõν” (omicron with circumflex) for ”τῶν”
76	batch_098 / p.294	B	Greek verb printed ”ἐκαμαίρωσαι”
77	batch_101 / p.301	C	”2. ad Corinth. 11.” cited for ”Ter Dominum rogaui” (2 Cor. 12:8)
78	batch_102 / p.304	B	Printed ”ſuæ rectę” for ”ſuæ ſectę”
79	batch_102 / p.305	B	Planet names printed ”φό σφορον” and ”φαέθον”
80	batch_102 / p.306	B	Printed ”tumote” for ”tumore”
81	batch_103 / p.308	B	Printed ”Pythagotæ” for ”Pythagoræ”
82	batch_103 / p.308	B	Printed ”Lunum” for ”Lunam”
83	batch_103 / p.309	B	Printed ”Dioue” for ”Dione”
84	batch_104 / p.312	B	Greek ”ὑποπέσην” printed for Eudoxus's ”ἱπποπέδην” (hippopede)
85	batch_104 / p.312	B	Eudoxus's title printed ”περὶ ταχυτήων”
86	batch_105 / p.313	B	Printed ”tetrogradationes” for ”retrogradationes”
87	batch_105 / p.315	B	Printed ”hypotheſibns” (turned u)
88	batch_108 / p.322	C	Plato cited as ”12. de Repub.” for a passage cited on p. 321 from ”lib. 12. de legibus”
89	batch_108 / p.323	B	Printed ”qno” (turned u) for ”quo”
90	batch_109 / p.325	B	Printed ”Ptæterquam-” for ”Præterquam-”
91	batch_110 / p.328	B	Greek ”φαινομένον” printed for ”φαινομένων”
92	batch_113 / p.337	B	Printed ”rellus” for ”tellus”
93	batch_113 / p.337	B	Margin prints ”pra-dicti” for ”prædicti”
94	batch_116 / p.346	B	Printed ”fotſitan” for ”forſitan”
95	batch_116 / p.346	C	Greek ”στερέωμα” printed with an α-shaped sort: στερεάμα
96	batch_117 / p.350	B	Printed ”Ter-tæ” for ”Terræ”
97	batch_121 / p.362	B	Margin prints *Galilai* for *Galilæi*
98	batch_124 / p.372	B	Printed *Maiote* for *Maiore* in the reply formula
99	batch_125 / p.375	B	Printed *inier* for *inter*
100	batch_126 / p.376	C	The year 1489 placed ‘towards the end of the fourteenth century’
101	batch_129 / p.386	B	Margin note prints singular *Macula* with a plural verb
102	batch_129 / p.387	B	Sun's semidiameter and circumference in Roman miles do not keep the table's ratio of 4
103	batch_129 / p.387	B	Table *Ordo Macularum*: Roman-mile column not proportional to the proportion column
104	batch_131 / p.392	C	Spitsbergen given a pole elevation of 24°
105	batch_131 / p.393	B	Printed *angust as* (no i) for *angustias*
106	batch_131 / p.394	B	Printed *Gotth co* and *Mssiliam*, each with a sort missing
107	batch_132 / p.395; batch_208 / p.622	B	Linschoten's name printed with long s for t (*Linscosanus*, *Lintschosanus*)
108	batch_133 / p.399	B	Second Table of the tides: several cells break their column's regular step
109	batch_134 / p.400	B	Table row L: minutes 46 where the column steps by 15
110	batch_134 / p.401	B	Minutes set with a seconds mark: *6. 12″*.
111	batch_134 / p.402	B	Yearly total 3,030,480 cubic perches does not follow from the stated rate

#	Anchor	Cat.	Item
112	batch_136 / p.407	B	Printed *antem* for *autem*
113	batch_137 / p.410	C	A later hand in this copy corrects *mensa* to *mensura*
114	batch_137 / p.410	B	Printed *lapidus* for *lapideus*
115	batch_137 / p.411	C	Remainder labelled DB where the subtraction gives CD
116	batch_138 / p.412	C	*rursum* printed where *sursum* may have been meant
117	batch_138 / p.413; batch_142 / pp.424–425	B	Seconds mark set beside the word *Tertijs* (thirds)
118	batch_139 / p.415	B	Heading prints *Deseensu* for *Descensu*
119	batch_139 / p.415	B	23 vibrations given as 3″ 30‴; the page's rate gives 3″ 50‴
120	batch_139 / p.417	C	Table gives the bone ball 8 grains; the text gives 6
121	batch_140 / p.419	C	Text and table pair the same-bulk balls differently
122	batch_140 / p.420	B	Square of 26 printed 626
123	batch_141 / p.421	C	*biunciali seu dextante*: the two-ounce weight called a *dextans*
124	batch_141 / p.423	C	Fourth theorem says *triplicatam* where its own gloss and the third theorem give the duplicate ratio
125	batch_142 / p.424; batch_143 / p.427	B	Miles in 24 hours printed 17 661 212 where 30662 × 576 gives 17 661 312
126	batch_142 / p.424	B	Two computed figures do not close (lines 87, 132)
127	batch_142 / p.425	B	Square of 21600 printed 266,560,000; a difference and a quotient do not close
128	batch_142 / p.426	B	820 miles a day against 30 miles an hour
129	batch_143 / p.427	B	Table cell 218 where three times 76 gives 228
130	batch_143 / pp.428–429	C	Pappus's *Collection* cited as *lib. 11.*
131	batch_143 / p.429	B	Hourly advance printed 2′ 3″ against 2′ 30″; 7300 / 24 given as 304¼
132	batch_144 / p.430	B	Six ‘spaces due’ and two ‘complements’ cells disagree with their columns
133	batch_144 / p.432; batch_145 / p.433	C	One point labelled with Greek α in some lines and an italic roman *a* in others
134	batch_145 / p.433	B	Margin prints *tcr* for *ter*
135	batch_147 / p.440	C	Text and table of p. 440 disagree in a figure and in their arc labels
136	batch_148 / p.442	C	Midnight placed at C where the preceding line places it at A
137	batch_148 / p.443	B	Paces for 1° of the equator printed 9333 1/3 for 90 333 1/3
138	batch_148 / p.443	B	Paces disagree with the fractions of miles in three rows
139	batch_149 / p.446	C	One passage of Aristotle cited as *textu 101* and as *textu 10*
140	batch_150 / p.450	B	Margin prints *En-hymemati*, the t absent
141	batch_151 / p.451	B	Verse prints *Oecurrens* for *Occurrens*
142	batch_152 / p.456	B	Printed *clar or*: the i did not print
143	batch_153 / p.458	B	Table IV: Copernican cell for one minute printed 2″ 28″ for 2″ 28‴
144	batch_153 / p.459	B	Table VI: Kepler's Italian miles for one minute in the parallel of 45° printed 182 ⅖
145	batch_154 / p.460	C	Verse prints *forentq.*, which yields no verb
146	batch_154 / p.461	B	Kepler's *Epitome* cited as *pag. 156. & 137.*, against *pag. 136.* at line 74
147	batch_158 / p.472	B	Printed *rendant* for *tendant*
148	batch_159 / p.477	B	Margin prints *argam.* for *argum.*

#	Anchor	Cat.	Item
149	batch_161 / p.482	B	Cube of 1216 printed 1788 045 696
150	batch_161 / p.483	B	Kepler's fourth proportional printed 34 077 066 ⅔ for 34 177 066 ⅔
151	batch_162 / p.485	B	Fractions printed 1/3 where the division gives 2/3; Table III cubes not the cubes of Table II
152	batch_163 / p.488	B	Two cubes do not close: 3 18/60 cubed 'about 32'; 1498½ cubed 3 364 884 747
153	batch_163 / p.489	B	Tables I–III of the true size of Sirius and Alcor: body figures that are not the cubes beside them
154	batch_163 / p.489	C	Table III's title calls Sirius's 18″ a semidiameter; Table I and the text call it a diameter
155	batch_164 / p.490	B	Running head printed 452 for 462
156	batch_164 / p.490	C	*ex 2. Tabula* cited for figures that stand in Table IV
157	batch_164 / p.490	B	Printed *Copernicęè*, a doubled vowel
158	batch_164 / p.492	B	4139 × 14000 printed 5 794 600
159	batch_164 / p.492	B	*non potest est maior* for *non potest esse maior*; a prime for the ordinal in *Probatur 2′*
160	batch_165 / p.493	C	Two margin notes both read *Responsio ad Argum. 5.*
161	batch_165 / p.495	B	152⅔ semidiameters converted as if 152
162	batch_165 / p.495	B	Printed *magnitud ni*: the i did not print
163	batch_168 / p.503	C	*vide cap. 21. num. 2.* where the facing margin cites chapter 22
164	batch_169 / p.505	B	Printed *Eixarum* for *Fixarum*
165	batch_170 / p.510	C	Line begins *trum*; the sense calls for *neutrum*
166	batch_170 / p.510	C	*stator Salis* ('stayer of salt') where the sense suggests *Solis*
167	batch_171 / p.512	C	Isaiah 7:11 quoted as *Pete sibi* where the Vulgate has *tibi*
168	batch_171 / p.513	C	Romans 8 cited as *1. ad Rom. 8.*
169	batch_172 / p.515	B	Printed *àque* for *atque*
170	batch_172 / p.516	C	'The question at the beginning of number 3', which stands before number II
171	batch_173 / p.517	B	*Baronius ab Annum 748* for *ad Annum*
172	batch_174 / p.520	B	*Bibiliothecæ* and *Bibilioth.* in successive lines
173	batch_174 / p.520	B	Printed *Bella·minus*: no r inked
174	batch_174 / p.520	B	*solidu m*: the m set sideways
175	batch_174 / p.521	B	*pror-/sus* set as *prorſ-/ſus*, the ſ repeated across the line end
176	batch_175 / p.525	B	Margin prints *Sacra* for *Sacræ*
177	batch_177 / p.529	B	Printed *coriositati* for *curiositati*
178	batch_178 / p.532	B	Greek prefix printed ἥμη for ἡμι-
179	batch_178 / p.533	B	Superpartient example 49 / 35, which reduces to 7 : 5, in the row of 9 : 5
180	batch_179 / p.535	B	Row *Dupla superquadrupartiens quintas* printed 98 14 166, for 95 140 266
181	batch_179 / p.537	C	Greek column of Table I: one narrow vowel read ω in three rows and α in a fourth; ἡμὶ / ἡμὴ for ἡμι-
182	batch_180 / p.538	C	Kepler's count 'the unison and six other consonances' followed by seven figures
183	batch_180 / p.539	B	Printed *didiapason* for *disdiapason*
184	batch_180 / p.540	C	Prose and synopsis table pair 72 and 75 parts with the hexachords in opposite ways
185	batch_181 / p.542	B	Greek misprints: ἐρμηνευτικόν with smooth breathing; δεμνός for σεμνός

#	Anchor	Cat.	Item
186	batch_181 / p.543	B	ἐναρμόνον for ἐναρμόνιον (the enharmonic genus)
187	batch_181 / p.543	C	Diatonic tetrachord row III: last figure of 777? not settled; the ratio gives 7776
188	batch_182 / p.544	B	Note-value table: Semiminima printed 0 36 where halving the Minima gives 35
189	batch_182 / p.545	B	Greek μεσᾶν for μεσῶν in the table of strings
190	batch_182 / p.546	B	Diapente's ratio printed *3 ad 1* where the row's strings give 3 : 2
191	batch_182 / p.546	B	Printed *tres tomos* for *tres tonos*
192	batch_183 / p.547	B	Consonance table: five cells break their rows' ratios
193	batch_183 / p.548	C	Key letter *g* against 576, which the Keplerian table pairs with *ffg*
194	batch_184 / p.551	B	ἐννεάφωντον for ἐννεάφωνον
195	batch_185 / p.553	C	*typos intra in tabulam* where *infra* is expected
196	batch_185 / p.554	B	Printed *alind* for *aliud*
197	batch_185 / p.555; batch_186 / p.556	B	Three quarters of 3435 given as 2574¾ (it is 2576¼)
198	batch_186 / p.556	B	Saturn at perigee: distance printed 1717 1/1 for 1717 ½
199	batch_186 / p.556	B	Saturn's perihelion interval printed 10000/8935, which agrees with nothing in its row
200	batch_187 / p.560	B	124 listed among the aliquot parts of 720; fifteen divisors against fourteen parts
201	batch_187 / p.560	C	Full-width table: the third block differs from the second in six lines
202	batch_188 / p.562	C	The 45° aspect called *Sequadrus*; the axiom gives *Sequadrus* the minor sixth, which belongs to the 135° aspect
203	batch_188 / p.564	B	Printed *Tagentium* for *Tangentium*
204	batch_189 / p.565	B	Residue printed 89 708 188 where the subtraction gives 89 208 188
205	batch_189 / p.565	B	Three misprints: *nnmeralis*, *duplicatas*, *Logatithmi*
206	batch_189 / p.567	B	Side BC printed *Pedum 30.*, for 300
207	batch_189 / p.567	C	One angle set as 29° 59′ and as 29° 59″; *Radius AB* where AB is the base
208	batch_190 / p.568	B	Right-hand example of Rule 2: the sum printed 16 681 848 400, and the divisor 7 000 789
209	batch_190 / p.569	B	Rule 3 example: quotient printed 1 420 011 ½ where the division gives about 1 420 209
210	batch_191 / p.571	B	Rule 8 example: quotient printed 7 216 002 44/106 for 44/100
211	batch_191 / p.572	C	Side AC given as 70° 10′ in Rule 13's example and as 70° in Rule 14's
212	batch_191 / p.573; batch_192 / pp.575–576	C	Second mesologarithm of 40° read 100761875 on p. 573 and 100761865 on pp. 575–576; the p. 573 sum fits ...865
213	batch_192 / p.576	B	Rule 11 example: half-sum of the angles printed 45° 33′ 30″; a sum printed 100861410
214	batch_192 / p.576	C	Rule 11's steps run *Primò … Deinde … Tertiò*, with no *Secundò*
215	batch_193 / p.577	B	Rule 14 example: half of 198645483 printed 99322721
216	batch_194 / p.580	B	Printed *Graau* for *Gradu*
217	batch_194 / p.580	C	Triangle ADP said to be right-angled at P; the figure puts the right angle at D

#	Anchor	Cat.	Item
218	batch_195 / pp.584–585	C	Two problems name a side the construction does not use (TP for TV; PG for BG)
219	batch_196 / pp.586–587	C	Table label cites *sec. 1. c. 3.* where the text cites *sect. 1. cap. 4.*; one triangle named with ♈ and with ♎
220	batch_197 / p.589	C	Meridian of the recalled figure named HZR and the horizon HR
221	batch_198 / p.593	C	Horizon named GFR; the woodcut labels the left end of the horizontal line H
222	batch_202 / p.606	C	The Dutch wintering at Nova Zembla dated 1576 and 1579 where the passage's own dates are 1596–97
223	batch_203 / p.607	B	Daily motion 59′ where the two places differ by 58′; 41° 11′ set with a seconds mark
224	batch_203 / p.609	B	540 divided by 24 given as 22′ ⅕
225	batch_206 / p.616	B	Stadia per degree printed 694⅗ where 250 000 / 360 gives 694 4/9
226	batch_206 / p.618	C	Snel's table gives Leiden–Gouda and Gouda–Dordrecht identical figures
227	batch_208 / p.623	B	ἀγεομετρίαν for ἀγεωμετρίαν
228	batch_208 / p.624	B	*Gr. 21. 15″.* with a seconds mark for 21° 15′
229	batch_209 / p.625	B	Three angles in the worked example do not close; a third of 8h 13m given as 2h 44½m
230	batch_209 / p.626	B	Table of the visible arc: the Roman-mile column stops being 1¼ × the Bologna column from row 35
231	batch_213 / p.637	B	Difference of longitude Goa–Goes printed 5h 50m; 10h less 4h 50m is 5h 10m
232	batch_213 / p.637	C	Figure label at the right end read C by one reader and G by another
233	batch_213 / p.637	C	*Lunæ I P* where the construction leads one to expect LP
234	batch_213 / pp.637–638	C	Two works cited differently within two pages
235	batch_213 / p.638	B	Renieri's qualifier printed *Obuetanus* for *Olivetanus*
236	batch_213 / p.638	B	*diebus circiter 15* against *horis 396*
237	batch_213 / p.639	B	174′ ÷ 31′ 44″ given as 4h 45m; 203′ ÷ 31′ 44″ given as 6h 20m
238	batch_215 / p.645	C	BD named among the given quadrants, though BD is the distance sought
239	batch_216 / pp.646–647	C	Triangle DVB named where the parts given belong to EVB; triangle MIO right-angled ‘at M’ against ‘at O’
240	batch_217 / p.649	C	Sides sought named BK and BG (BG is given; GK is used); a star at F that the figure does not mark
241	batch_217 / p.651	C	The same problems cited as in chapter 2 and in chapter 1
242	batch_219 / p.655	C	Figure label at the right end prints G where the prose names C
243	batch_222 / p.664	B	Margin prints *Luna* where the genitive *Lunæ* is expected
244	batch_225 / p.675	C	Kepler's *Optics* cited as *lib. 4.* where the neighbouring citations read *cap. 4.*
245	batch_227 / p.679	B	*Gr. 12′. 4′.*, and 12° 4′ + 2° 42′ given as 14° 44′
246	batch_227 / p.680	C	*VP, & EP* and *VPE*: the figure of this case carries no E
247	batch_227 / p.681	B	*Ducto igitur est E* for *ex E*
248	batch_228 / p.682	B	Three cells of the computation for Aquila do not close
249	batch_228 / p.684	B	Integral refraction 12′ 4″ where 11′ 47″ + 27″ gives 12′ 14″
250	batch_229 / pp.685–686	C	The text names a quadrant BVT; the woodcut sets no V

#	Anchor	Cat.	Item
251	batch_229 / p.687	B	Full-width refraction table: four cells fail the row's own tests
252	batch_230 / p.689	C	Kepler's *Epitome* cited as *lib. 17.*
253	batch_230 / p.690	B	Five-sixths of the semidiameter 4139 given as 3358 miles
254	batch_231 / p.691	B	Running head *DE PARALLAXIBVS* on a page of the refraction section
255	batch_231 / p.692	B	Table I, row 20°: refracted angle and refraction do not make up the inclination
256	batch_231 / p.692	B	Table II, row 40°: proportional part printed 3° 39′ where the row's sum requires 9° 39′
257	batch_231 / p.693	B	Table III: a step out of line at 30° and a calculated cell of 0 0 at 90°
258	batch_232 / p.694	B	Tables VI–VII: refractions that do not close and steps out of order
259	batch_232 / p.695	B	Table VIII: two cells out of line with their columns
260	batch_232 / p.696	B	Table IX: three Moon-winter cells out of line
261	batch_233 / p.699	B	Index locator *495. ad 100* runs backwards
262	batch_234 / p.701	B	Index prints *Seheineri* for *Scheineri*
263	batch_234 / p.702	B	Index prints *Parallax.um*, a point where a letter should stand

1. batch_007 / p.21 — *Category B — source compositor error*

In the index entry ”Scholia duo.” the page number is printed ”12S”: the third sort is a roman capital S, not a 5 (crop re-read at 6× and 8×). It is presumably a wrong sort for 5, giving page 125, but the entry has not been checked against the page it points to. Preserved as printed.

2. batch_008 / p.24 — *Category B — source compositor error*

The index entry ”3. & 4. Argumentum.” (left column, line 30) is printed with the page number 532, between 431 and 433 in an otherwise ascending run. A crop re-read at 8× confirms the first sort as an old-style 5, so the figure is printed so and is not a misreading. The intended figure is probably 432, but the entry has not been checked against its target page. Preserved as printed.

3. batch_009 / p.25 — *Category B — source compositor error*

The sub-entry ”Auctores Tabulæ Declinationum” (line 40) carries the page number 535, standing between two entries at 553. The crop reader read all three sorts clearly as 535 (at 3×). A transposition of 553 is the likely explanation, but it has not been checked against the page the entry points to. Preserved as printed.

4. batch_009 / p.26 — *Category B — source compositor error*

The last line of the second column lists the problems on measuring mountain heights as ”28. 39. 30.”. The middle figure is printed 39, not 29: at 6× its 3 has the same descending tail as the 3 of the 30 beside it. In the sequence 28, 29, 30 the figure 29 is presumably intended. Preserved as printed.

5. batch_010 / p.30 — *Category B — source compositor error*

In the account of the bearded comet (lines 127–128) the page prints πωγονίας, with omicron in the fourth place, and ὁ πὼγον, with a grave and a final omicron,

where the standard forms are πωγωνίας and πώγων. The page's own Latin glosses, ”Barbata” and ”barba”, fix the words intended. A blind Greek re-read confirmed both printed forms letter by letter (7.5× and 6–6.5×). Preserved as printed, with [recte:] in the text.

6. batch_012 / p.34 — *Category B — source compositor error*

In the chronicle of comets, body line 134 prints ”Anno 786.”, while the marginal year beside it (R29) prints ”Ann. 876.”. The paragraph stands between the entries for 844 and 882, so the margin's 876 fits the chronological order and the body's 786 does not. Both figures were confirmed by crop at 8×, each sort clear. The body figure is probably a transposition. Preserved as printed.

7. batch_012 / p.35 — *Category B — source compositor error*

Line 125 prints ”appatuit” for ”apparuit” (”appeared”): at 8× the fifth sort is a t, with a stem above x-height and a crossbar and no r-arm. A wrong sort or foul case. The sense is not affected. Preserved as printed.

8. batch_013 / p.38 — *Category B — source compositor error*

Line 4 prints ”cum cauda haſtæ militatis longitudinem”, a crop re-read confirming ”militatis” with a t (the sort checked at 7×). The sense (”with a tail the length of a soldier's spear”) requires ”militaris”. Preserved as printed.

9. batch_015 / p.44 — *Category C — author/source anomaly*

Line 27 prints ”ruiſſe” (the first letter an r, with no ascender, at 7×). The translation construes ”fuiſſe”, ”Kepler thinks it was towards the Sun”, taking the f's ascender as unprinted or the sort as foul. Read as printed, ”ruiſſe” (from ruo) gives ”rushed towards the Sun”, which also makes sense. Which was meant has not been ruled. The English keeps ”was” and names both readings.

10. batch_018 / p.52 — *Category C — author/source anomaly*

The first entry of the synopsis of comet durations (the comet of 1527) is printed as a small round sort, then a 9 standing alone at mid-height, then a small 5 over 6 with the fraction bar spanning only the 6 (Stage-5 audit, 6×). The ink allows two values: 0 5/96 of a day, which agrees with the five quarter-hours the text above gives for Creusser's comet, or 9 5/6. The edition prints 0 5/96 on that construal. The ink does not decide between them.

11. batch_023 / p.67 — *Category B — source compositor error*

Line 33 prints ”defererentur”, with an f (bar through the stem, read at 4×), which gives no Latin word. The construal ”as though cities and peoples were deserted by those excellent leaders” needs ”deſererentur” (long s). This is a foul-case f, or a nicked ſ that reads as f at this magnification; a crop at 6× or more, or another copy, would settle which. The English construes ”deſererentur” and carries the printed form in a note.

12. batch_023 / p.67 — *Category B — source compositor error*

In the Greek of line 90 the participle is printed ἐκπυρομένα, without the ου of the classical ἐκπυρούμενα. A crop re-read and a later blind Greek re-read (10–11×) agree on the printed form. The breathing on the initial ε is not settled. Preserved as printed.

13. batch_025 / p.73 — *Category B — source compositor error*

Line 117 prints ”intertubarunt”, with no r between u and b (4×): a dropped sort for ”interturbarunt” (”disturbed”). The sense is not affected. Preserved as printed.

14. batch_030 / p.88 — *Category C — author/source anomaly*

Line 81 states the proportion 10000000 : 10135635 :: 3821½ : 3873 3829152/10000000. Computed, 3821½ × 1.0135635 = 3873.3329, so the fourth term should be about 3873 3329/10000. The printed fraction (0.3829152) is 0.05 too high. The figure that follows, ”51 88/100” (3873.3829 less 3821.5), is computed from the printed value, so the slip lies in the author's computation (or in the second figure of the numerator, read 8 at 7×), not in this edition. Which figure or step is wrong is not established. Preserved as printed.

15. batch_035 / p.104 — *Category B — source compositor error*

Line 51 gives the smallest sensible parallaxes as ”10′. vel 12″. … Nos 5″. aut 6″.” The first value is printed with a single prime and the other three with double primes; two crop readers agree at 7×. The sense probably wants 10″, but it is not certain, since the passage reports others' larger and smaller values. Preserved as printed.

16. batch_035 / p.105 — *Category C — author/source anomaly*

Line 9 names the Sun's position in this case ”Solis D.” (the letter is clear), which makes it the same point as the Moon at D. In the construction on p. 103 (lines 33 and 97) the Sun in this case stands at I, and TX is named there as the Sun's parallax with the Sun at I. The label is probably a slip for I. Preserved as printed.

17. batch_036 / p.108 — *Category C — author/source anomaly*

Line 123 gives two distances, 21° 44′ 16″ and 21° 44′ 44″, and then their difference as 29″. The mark is read as a double prime at 8×. The two figures differ by 28″. The page's own gloss, ”ferè dimidio minuto” (”almost half a minute”), fits either value. Which figure is wrong (29, 16 or 44) is not settled. Preserved as printed.

18. batch_037 / p.111 — *Category B — source compositor error*

Line 88 prints ”ob ore Pegaſi”, confirmed by a crop re-read, where the same leaf elsewhere has ”ab ore” (”from the mouth of Pegasus”) and the construction needs the preposition ab. Preserved as printed.

19. batch_041 / p.123 — *Missing-source lacuna*

Line 34 reads ”obſeruare Cometam quemdam à die Februarij,”: no day numeral stands between ”die” and ”Februarij”, so the date on which Tycho began observing the comet of 1590 is left blank (”from the day … of February until March 6”). The day should be supplied from Tycho's own account of the comet of 1590. The absence was recorded by the transcription pass and has not been re-checked at magnification; a crop of the line would confirm that no figure was set or failed to print.

20. batch_042 / p.124 — *Category C — author/source anomaly*

Margin note M5 prints ”deſecti” (”cut away”; read at 2.5×), where the body beside it has ”detexit” and ”detecti” (”detected”) would be expected. ”Deſecti”

is good Latin and makes sense, so it may be what was meant, or a compositor's slip for "detecti". The English renders the print ("excised").

21. batch_043 / p.128 — *Category C — author/source anomaly*

Line 55 sets the minutes as "5 1′½.", with a wide, clean space between the 5 and the 1. No third figure is seen there at 8×. The English construes 51½′. Either the spacing is loose or a sort has been lost; another copy would tell which.

22. batch_043 / p.129 — *Category B — source compositor error*

Line 96 prints "Blancanns": a turned u, read at 6×, for "Blancanus" (Giuseppe Biancani), who is named correctly elsewhere on the page. Preserved as printed.

23. batch_044 / p.132 — *Category B — source compositor error*

Line 88 prints the verb "obſeruatur" where the relative clause needs the noun "obſeruator" ("observer"). The correction is certain from the construction. Preserved as printed.

24. batch_045 / p.135 — *Category B — source compositor error*

Line 23 prints "Aſceuſionem": a turned n, for "Aſcenſionem" ("ascension"). The correction is certain. Preserved as printed.

25. batch_050 / p.148 — *Category B — source compositor error*

Line 122 prints "quadrantem terra D E", with the nominative where the construction needs the genitive "terræ" ("the Earth's quadrant DE"). The correction is near-certain. Preserved as printed.

26. batch_050 / p.150 — *Category C — author/source anomaly*

Lines 27–28 print "bar-/bilógos", with an acute accent inked (2×). The form is not construed. The English rendering "bearded" rests on the pairing with the margin note and carries a query.

27. batch_051 / p.152 — *Category C — author/source anomaly*

The body (line 33) refers to Kepler's refracting globe by the lines "DZM, vel BYR". A full search of the figure (1.5×, with the centre at 7–10×) finds no Y printed anywhere. The upper crossing label is V (no stem), and the label below the small a is a Z-form whose Latin Z and Greek ζ cannot be told apart on any copy. A further label is the Greek δ (7×), not ſ, so the body's "perpendicular ε ſ" (p. 151 line 154) may likewise be εδ; the reader there saw a bowl at the baseline but hedged. The English reproduces the labels the text names.

28. batch_051 / p.153 — *Category B — source compositor error*

Line 1 prints "prodemodum", which a crop re-read confirms ("certain as printed"), for "propemodum" ("almost"). The sense is not affected. Preserved as printed.

29. batch_052 / p.155 — *Category B — source compositor error*

Line 36 prints "abicubi" for "alicubi" ("somewhere"). The correction is certain. Preserved as printed.

30. batch_052 / p.155 — *Category B — source compositor error*

Line 78 prints "diſſeptaremus", with the ſſ ligature, for "diſceptaremus" ("we would dispute"). The correction is certain. Preserved as printed.

31. batch_052 / p.156 — *Category B — source compositor error*

The left-margin notes listing the ways of explaining comets' tails are numbered "1.", "2.", "2.", "4.": the third, against Galileo's way, is printed "2." (figure read at 7×). The series wants 3. Preserved as printed.

32. batch_053 / p.159 — *Category B — source compositor error*

In the Ovid quotation, line 31 prints "Alcynoën", with an n between y and o, for Alcyone. This is a press slip or a printed variant of the name. Preserved as printed.

33. batch_054 / p.160 — *Category B — source compositor error*

Line 20 prints "VII. Sexta Sella Noua", with no t (checked by crop at 4.5×), for "Stella" ("the sixth New Star"). Preserved as printed.

34. batch_054 / p.161 — *Category B — source compositor error*

Line 92 prints "denſiones" for "denſiores" ("denser"). The correction is certain from the sense. Preserved as printed.

35. batch_055 / p.163; batch_067 / p.199 — *Category B — source compositor error*

Twice in this range the page prints "nonam" ("ninth") where the sense is "nouam" ("new"). At p. 163 line 84, "ſed nonam & decimam quartam" (crop at 1.5×): "ninth" does not construe beside "fourteenth", and the English reads "a new and fourteenth one". At p. 199 line 23, "Nonam" was read with n, not u, at 7× by a third-wave crop and is certain; the English reads "the New Star". Each is a turned u or a foul-case n. Preserved as printed.

36. batch_055 / p.163 — *Category B — source compositor error*

Line 105 prints "ſcilieet", a wrong sort (e for c, crop at 5×), for "ſcilicet" ("namely"). The English is not affected. Preserved as printed.

37. batch_056 / p.167 — *Category C — author/source anomaly*

In the table of the New Star's meridian altitudes, the rows for Muñoz at Valencia print the "Maxima" altitude as 11° 30′ and the "Minima" as 76° 30′. A greatest altitude is thus smaller than the least, the reverse of every other block in the table. A crop re-read confirms the figures as printed. The two values (or their labels) appear to have been interchanged, but the page does not settle it. Preserved as printed.

38. batch_058 / p.173 — *Category B — source compositor error*

Two values on this page carry the wrong order mark, both confirmed by crop at 6×. Line 51 gives the parallax of the greatest altitude as "6″. 43″.", with two double primes, where the same parallax stands as "6′. 43″." in line 46 and on p. 172 line 64. Line 70 prints "gr. 28. 6′. 32′.", with a single prime on the seconds, where the table on the same page gives 32 in the seconds column. Preserved as printed.

39. batch_058 / p.173 — *Category C — author/source anomaly*

Lines 73–77 subtract the New Star's right ascension, "gr.0. 26′. 25″.", from the Pole Star's, "gr.5. 3′. 30″.", and state the remainder as "gr.3. 37′. 5″.". Computed, 5° 3′ 30″ less 0° 26′ 25″ is 4° 37′ 5″, so the degree figure of one term disagrees with the other two. The Pole Star's figure was confirmed by crop

at 5×, and on the grid tile the 5 and the 3 are distinct sorts. Which figure is in error is not established. Preserved as printed.

40. batch_058 / p.174 — *Category C — author/source anomaly*

Line 61 refers the reader to "capite 4. à numero 2.", but the proofs referred to were set out in the preceding pages under Caput V. The cross-reference seems to be a chapter behind. Preserved as printed.

41. batch_059 / p.176 — *Category C — author/source anomaly*

Line 53 prints "ab Æquatoris polo D", but in the figure on p. 175 D is the zenith and P the pole of the world. The text's letter may be a slip for P. The letter was read in the translation pass and has not been re-checked at magnification. Preserved as printed.

42. batch_060 / p.178 — *Category C — author/source anomaly*

Line 142 reads "plus quàm in minima" ("more than at the least [altitude]"), but the parallaxes of 12′ and 1° being compared call for the greatest altitude ("maxima"). The English keeps "least" with a query. This is a slip of the author or of the compositor; the word has not been re-checked at magnification.

43. batch_060 / p.180 — *Category C — author/source anomaly*

Line 32 gives the star's least altitude as "gr. 28. 9′.", confirmed by crop at 6.5× (28, then 9 with a single prime). With a pole altitude of 48° 22′ and a polar distance of 28° 13′, the least altitude is 20° 9′. The printed figure contradicts the page's own data. Preserved as printed.

44. batch_060 / p.180 — *Category C — author/source anomaly*

Lines 53–56 set Vienna north of Graz by "gr. 1. 42′." (by the Ortelian map, "gr. 1. 41′."), add this to a pole altitude of 47° 2′, and give the resulting pole altitude of Vienna as "gr. 48. 44′. aut 45′." and the mean between the extremes as 48° 20′. On these figures 47° 2′ + 1° 42′ = 48° 44′, but 47° 2′ + 1° 41′ = 48° 43′, not 45′. The stated mean, 48° 20′, is not the midpoint of 48° 4′ 36″ and 48° 44′/45′ (about 48° 24′ 30″). The figures of lines 53–56 were confirmed by crop at 3.5–6×. Preserved as printed.

45. batch_061 / p.181 — *Category C — author/source anomaly*

In the table comparing Muñoz's and Tycho's altitudes of the New Star, the row "Altitudo Minima" gives Tycho's value as 47 45 0, as read (the crop reached only 3.4×, below the magnification needed to settle a figure). The table's difference row prints 56 26 0, and 84° 11′ less 47° 45′ is 36° 26′; 84° 11′ less 27° 45′ would give the printed 56° 26′. The crop readers also disagree on how the rows of this table are counted. On this copy the first figure of 47 is not settled, and the arithmetic is not used to choose it.

46. batch_061 / p.183 — *Category B — source compositor error*

Line 12 prints "diquiſitione"; a crop at 5.5× confirms there is no ſ between i and q and no gap there. The word meant is "diſquiſitione" ("inquiry"). Preserved as printed.

47. batch_062 / p.184 — *Category C — author/source anomaly*

Lines 103 and 107–108 give the angle CBD as "gr.17. 57′." (96° 27′ less 78° 30′ does give 17° 57′). But the four angle sums printed below it, 180° 11′, 180°

2′, 179° 51′ and 179° 59′, each close only if CBD is 17° 52′. Either the sums or the angle disagree with the page's own subtraction. The figure 57 was read at 1.8× and has not been confirmed at higher magnification. Preserved as read.

48. batch_062 / p.185 — *Category B — source compositor error*

Line 81 lists the New Star's greatest altitudes as ”76.33′.45″. … 76. 34′. … 76.35″.”: the last carries a double prime (two crop readers at 8×). Further down the same page, line 99 sets the same altitude as ”76. 35′.” with a single prime. The intended value, 76° 35′, is very nearly certain from the page's own restatement. Preserved as printed.

49. batch_062 / p.185 — *Category B — source compositor error*

The right-margin note against §VII (”5. Alia Indagines Galilæi”) is numbered ”5.”, the same figure as the ”5. Indago” note against §VI. A crop at 5× confirms the figure, which is the same sort in both notes. The series wants 6. Preserved as printed.

50. batch_064 / p.192 — *Category C — author/source anomaly*

The margin note R44 reads ”Peucerus / iunior.” (”Peucer the Younger”; crop re-read), set beside a body passage that names ”Caspar Peucer”. The page does not say whether the body's Peucer is the elder or the younger. The English renders each as printed.

51. batch_066 / p.198 — *Category C — author/source anomaly*

In the table of the star's distances (row T14, ”from the longitude of the Heart of Scorpius”), the transcription and the English give the sign cell as the cross sort ✠, which in this table marks an empty value. One crop reader saw the sign of Sagittarius ♐ there instead, but only at 3×. The second-witness pass re-read a different row, so the cell is still unread at a magnification that would settle it. If the cell is ♐, the row gives a longitude in Sagittarius, and the English row and its note change.

52. batch_067 / p.201 — *Category C — author/source anomaly*

In the table giving how many times the star's bulk contained the Earth's, the left half runs ”Anno 1572. Nouemb.”, ”Decemb.”, then ”1572.Ianuar.”, and the right half runs into ”Dec. & 1573. Ian.” after months of 1573. A January that follows December 1572 would be 1573. The year forms are as printed (crop reading of the rows at 7–9×). Whether this reflects a slip or a different year-reckoning in the source being tabulated is not stated.

53. batch_069 / p.207 — *Category B — source compositor error*

Line 45 prints ”ſubbatiſmum”, with u after ſ, confirmed by crop re-read. The word is sabbatismus (Hebrews 4:9, Vulgate sabbatismus, ”a sabbath rest”), and the English construes it so. Preserved as printed.

54. batch_070 / p.209 — *Category B — source compositor error*

Line 3 cites St Thomas, Summa III, ”q.16. art.7.” (figures read at 6× by a second crop reader). The same article is cited as ”q. 36. art. 7.” on p. 208 and on p. 210. The correct figure is certain from the book's own two citations. Preserved as printed, with [recte: 36] in the text.

55. batch_070 / p.209 — *Category B — source compositor error*

Line 49 prints "Probabile fit" (a crossbar through the stem on both sides at 10×, against the uncrossed ſſ of "fuiſſe" on the same line), where the quotation of Suárez needs "ſit" ("It is probable that …"). The English follows the sense. Preserved as printed.

56. batch_070 / p.209 — *Category B — source compositor error*

Line 44 prints "quod materiam" (confirmed by crop re-read), where the parallel phrase two words earlier has "quoad" and the sense is "as to its matter". The English construes quoad. Preserved as printed.

57. batch_071 / p.212 — *Category B — source compositor error*

Line 140 prints τοὶ Περσῶν, with a grave on the ι (9×), where τῶν Περσῶν ("of the Persians") is wanted after the Magusaeans. What the compositor intended cannot be recovered from the sorts, so no emendation is made. Preserved as printed.

58. batch_071 / p.213 — *Category B — source compositor error*

Line 47 prints ἐργαστριμίθους (the ρ and the í both read at 10×) for the Septuagint ἐγγαστριμύθους, "ventriloquists". The English transliteration gives the word meant. Preserved as printed.

59. batch_073 / p.219 — *Category B — source compositor error*

In de Bèze's verse (line 128), "Quòd ſi humanæ aliquid poſſunt præſciſſere mentes", the verb is printed "præſciſſere": a crop at 3× reads præ + ſc + i + ſſ + ere, one word. The verb meant is "præſciſcere" ("to foreknow"). Preserved as printed.

60. batch_074 / p.221 — *Category B — source compositor error*

Line 73 prints "conuertemns" (the word read at 6×), a turned u, for "conuertemus" ("we shall turn"). Preserved as printed.

61. batch_074 / p.222 — *Category B — source compositor error*

Line 56 prints ὥρος: the first sort is an ω, twice the width of the later ο, with two lobes and a central cusp, under a rough breathing and an acute (second witness, 9×). The author's own gloss, "ideſt terminus" ("that is, boundary"), requires ὅρος. Preserved as printed, with [recte: ὅρος] in the text.

62. batch_076 / p.226 — *Category B — source compositor error*

Line 9 quotes the Septuagint of Genesis 1:10 as ἐκάλισεν ὸ θεός τῆν ξήραν, γήν: ι after λ (not ε), the article with a grave and no breathing, the noun with an acute, and the article τῆν with a circumflex (second witness: Greek at 6×, the article at 10×). The Septuagint reads ἐκάλεσεν ὁ θεὸς τὴν ξηρὰν γῆν. The two crop readers disagree over the article, one reading ὁ at 5× and the other ὸ at 10×; the in-band reading is adopted. Preserved as printed, with the standard text in [recte:].

63. batch_076 / p.227 — *Category B — source compositor error*

Line 31 quotes the Septuagint καὶ σκότος ἐπάνω τῆς ἀβύσσου with the noun printed σκύτος (υ, read at 6× on crop re-read). The gloss gives the word meant, "darkness". Preserved as printed.

64. batch_076 / p.227 — *Category B — source compositor error*

Line 124 quotes the Septuagint καὶ πνεῦμα θεοῦ ἐπεφέρετο ἐπάνω τοῦ ὕδατος with the verb and adverb printed ἐπιφίριτο ἐπάνο, which differ in three letters. Three readers agree on the printed form: the crop wave read it blind at 5×, the Stage-5 auditor at 4×, and the blind Greek re-read at 6–11×. The first pass of the translation had silently normalised it, and the Stage-5 audit restored the printed form. The accent on í is not settled. Preserved as printed, with [recte: ἐπεφέρετο ἐπάνω] in the text.

65. batch_077 / p.229 — *Category B — source compositor error*

Three quoted words on this page are printed in forms other than those intended. Line 88 has Χάνειν for χαίνειν ("to gape"). Line 96 has "Erer Thohu", where the Hebrew is Eretz (erez); since this is a transliteration, the intended spelling is not certain. Line 123 has δυνὰμη for δυνάμει ("in potency"). Each stands in the text as printed, with a transliteration and gloss that give the word meant.

66. batch_077 / p.229 — *Category C — author/source anomaly*

Line 47 prints "Deũm retur inyſſe" (crop re-read). Neither the earlier candidate "iuſſe" nor any other form has been committed. "iniſſe" (from ineo: "God is believed to have begun [the creation of the world]") fits the letters except for the descender read as y. The English carries a query.

67. batch_077 / p.230 — *Category B — source compositor error*

Line 148 prints "ferreum": a roman f, its ascender well above x-height and a crossbar through the stem, read at 9× by a second witness. The series of the elements, and Xenophanes' doctrine as reported, call for "terreum" ("earthy"). The correction rests on the attribution of the doctrine, not on the book's own text, so it is carried in a note rather than as [recte:]. A hook under the second e is not settled as ę. The English renders "iron" with the note.

68. batch_079 / p.236 — *Category B — source compositor error*

Line 89 prints αὐτονομαστικῶς, with υ for ν (10×). The word meant is ἀντονομαστικῶς, "by antonomasia" (Gregory called "the Theologian"), which the English gloss already gives. Preserved as printed, with [recte:] in the text.

69. batch_079 / p.237 — *Category B — source compositor error*

Line 143 quotes the Septuagint of Genesis 1:3 as γενηθήτο φῶς, καὶ ἐγένετω φῶς, with the endings ο and ω interchanged between the two verbs (two passes agree, at 8–11×). The Septuagint reads γενηθήτω φῶς, καὶ ἐγένετο φῶς. Preserved as printed, with [recte:] in the text.

70. batch_081 / p.242 — *Category B — source compositor error*

Line 63 prints the Greek for the natural day as ν υκθήμερον (7× and 9×). There is a word space after ν; a non-descending κ stands where χ is expected, matching the κ of ἡμερόνυκτον two lines below; and a breathing-form mark stands over η where an acute is expected. The word is certainly νυχθήμερον, which Riccioli glosses "Noctidium" beside it. Preserved as printed, with [recte: νυχθήμερον] in the text.

71. batch_082 / p.246 — *Category B — source compositor error*

Margin note M5 reads ”Iob 20.” (the figure read at 9×) beside the quotation ”Qui ligat aquas in nubibus ſuis”, which is Job 26:8 in the Vulgate. The correction is certain from the words quoted. Preserved as printed, with [recte: Job 26] in the text.

72. batch_086 / p.256 — *Category B — source compositor error*

Margin note M15 prints ”S. Auguſti-/nut .”: a t-shaped sort stands where the s of ”Auguſtinus” belongs (4× and 8×). This is a wrong sort. The English (”St Augustine”) is not affected. Preserved as printed.

73. batch_089 / p.265 — *Category B — source compositor error*

Line 76 prints ”ab interim interim immune” (both words clear at 3.4×): ”interim” is set twice, and the ablative noun governed by ”ab” is not printed. The likely intended word is ”interitu” (”immune from destruction for the meantime”), but this is a conjecture, so no emendation is made. The English marks the gap with a query and a note.

74. batch_091 / p.273; batch_092 / p.276; batch_096 / p.286 — *Category B — source compositor error*

In three places a sort failed to print, and the crop shows a clean gap with no impression: p. 273 line 89 ”mo ûs” for motûs (7×); p. 276 line 119 ”d -” / ”cent” for dicent (3–4×); p. 286 line 36 ”f t” for fit (9×). In each the word is certain from the sense, and the English renders it with a note stating what the page shows. Another copy would show whether the sorts were set and failed to ink or were never set.

75. batch_098 / p.294 — *Category B — source compositor error*

In Protagoras' saying quoted from Hermias (line 139), the article is printed τõν, an omicron carrying a circumflex (11×), where τῶν is meant: ”the boundary and judgement of things”. Preserved as printed, with [recte: τῶν] in the text.

76. batch_098 / p.294 — *Category B — source compositor error*

Line 122 prints ἐκαμαίρωσαι (read sort by sort at 6.5×, with an acute on the ι of αί). The expected verb form is ἐκαμάρωσε. This is possibly faulty print, but the intended form is the reader's inference, so no emendation is made. The first word of the quotation is still open. Preserved as printed.

77. batch_101 / p.301 — *Category C — author/source anomaly*

Line 2 cites ”2. ad Corinth. 11.” for the words ”Ter Dominum rogaui” (”Three times I besought the Lord”), which stand at 2 Corinthians 12:8 in the Vulgate. The crop reader confirmed the line only at native and 1.3× resolution. Either the citation is a slip, or the figure has been misread; a crop of the figures at magnification would settle which. Preserved as printed.

78. batch_102 / p.304 — *Category B — source compositor error*

Line 31 prints ”cum aliquibus ſuæ rectę”, with an r (2.2×), where the sense is ”ſectę”: ”Pythagoras, with some of his sect”. The correction is certain from the sentence. Preserved as printed.

79. batch_102 / p.305 — *Category B — source compositor error*

Two Greek planet names on this page are printed in non-standard forms. At line 43, φό σφορον has an omicron for ω, the acute on the first syllable and

a clean space inside the word (6×), for Φωσφόρον. At line 50, φαέθον ends in ο where φαέθων is expected (two passes agree). The intended names are certain, but the forms are kept as printed without [recte:], because the departures are partly of accent.

80. batch_102 / p.306 — *Category B — source compositor error*

Line 61 prints "tumote", with a t (9×), for "tumore" ("swelling", rendered "swollen pride"). The correction is certain from the sentence, and the English renders the sense. Preserved as printed.

81. batch_103 / p.308 — *Category B — source compositor error*

Line 14 prints "Pythagotæ" (t, 7×) for "Pythagoræ": "the system of Pythagoras". Preserved as printed.

82. batch_103 / p.308 — *Category B — source compositor error*

Line 101 prints "Lunum" (an open-topped u, 6×) for "Lunam": "the distance from the Earth to the Moon". Preserved as printed.

83. batch_103 / p.309 — *Category B — source compositor error*

Line 115 prints "Dioue": the fourth letter is joined at the foot and open at the top, like the u of "rarum" (4.5×). A turned n would look the same. The sense is "Dione", "from Dio" (the planetary hours). Preserved as printed.

84. batch_104 / p.312 — *Category B — source compositor error*

Line 107 prints ὑποπέσην (9×): σ, not δ; a single π; υ with a rough breathing. The term meant is Eudoxus's ἱπποπέδη (the hippopede), which the sense fixes ("lineam … Eudoxo dictam"). The misprint affects several sorts. Preserved as printed.

85. batch_104 / p.312 — *Category B — source compositor error*

Line 108 prints Eudoxus's title as περὶ ταχυτήων (6×). The title meant is περὶ ταχυτήτων, "On Speeds": one τ has dropped. Preserved as printed.

86. batch_105 / p.313 — *Category B — source compositor error*

Line 29 prints "tetrogradationes" (first sort t) for "retrogradationes". The correction is certain from "ſtationes ac …". Preserved as printed.

87. batch_105 / p.315 — *Category B — source compositor error*

Line 91 prints "hypotheſibns", with a turned u, for "hypotheſibus". Preserved as printed.

88. batch_108 / p.322 — *Category C — author/source anomaly*

Line 26 recalls Plato's words "in the Phaedrus and in 12. de Repub., already cited". The passage already cited, at p. 321 line 122, was given as "lib. 12. de legibus". The two citations name different works for the same passage. Preserved as printed.

89. batch_108 / p.323 — *Category B — source compositor error*

Line 44 prints "qno", a turned u, for "quo" ("from this"). Preserved as printed.

90. batch_109 / p.325 — *Category B — source compositor error*

Line 69 prints "Ptæterquam-", with a t set for r (confirmed in band by a second witness), for "Præterquam" ("besides"). The correction is certain. Preserved as printed.

91. batch_110 / p.328 — *Category B — source compositor error*

Line 112 prints φαινομένον, with omicron, where the genitive plural after τῶν requires φαινομένων. Preserved as printed.

92. batch_113 / p.337 — *Category B — source compositor error*

Line 7 prints "rellus". The first sort matches the r of "reſpectù" and not the t of "eſt" on the same line (second witness). The word is "tellus", "the Earth". The correction is certain. Preserved as printed.

93. batch_113 / p.337 — *Category B — source compositor error*

Margin note R3–R4 prints "pra-" / "dicti", with a plain a and no e-loop (8×), for "prædicti" ("already mentioned"). Preserved as printed.

94. batch_116 / p.346 — *Category B — source compositor error*

Line 85 prints "fotſitan" for "forſitan" ("perhaps"). Preserved as printed.

95. batch_116 / p.346 — *Category C — author/source anomaly*

In line 111 the word for the firmament reads στερεάμα: α for ω, with the acute on the α and no breathing. Two independent crop readers at 9× agree, using the word's own final α as a control, and the blind Greek re-read leans the same way. The word meant is certainly στερέωμα. All readers hedge, however: a worn ω printing α-shaped is not excluded, and only another copy would show whether the sort is a wrong sort or a worn one. The English gives the form as printed, with a note.

96. batch_117 / p.350 — *Category B — source compositor error*

Lines 28–29 print "Ter-" / "tæ": the second sort of the second line is a t (8×), for "Terræ" ("the Earth"). Preserved as printed.

97. batch_121 / p.362 — *Category B — source compositor error*

Right-margin note R9 prints *Galilai* (a and dotted i, no æ ligature; confirmed at 7× by crop reader, L1781) beside *Galilæus* in the body; a spelling variant or a wrong sort. The English follows the sense. Preserved as printed.

98. batch_124 / p.372 — *Category B — source compositor error*

The page prints *Data Maiote negando Minorem* (line 70). The reply formula, which stands in full on p. 371, is *Data Maiore negando Minorem*, and the ablative absolute requires *Maiore*. The fifth sort is this fount's t (crop at 8.5×), a foul or damaged sort. Preserved as printed; the English renders the formula, 'granting the Major, denying the Minor'.

99. batch_125 / p.375 — *Category B — source compositor error*

Line 67 prints *inier cætera* (third sort a minim with a dot, no crossbar or ascender; confirmed at 6× by two crop readers, L1851), for *inter*. The English follows the sense. Preserved as printed.

100. batch_126 / p.376 — *Category C — author/source anomaly*

Line 113 opens the account of Domenico Maria Novara's observation with *Sub finem decimiquarti sæculi* and dates it *Anno 1489*. On the ordinary reckoning 1489 falls at the end of the fifteenth century; the phrase may count by 'the fourteen-hundreds'. Preserved as printed ('fourteenth century').

101. batch_129 / p.386 — *Category B — source compositor error*

The left-margin note M4 reads *Macula in ipso Sole esse ostenduntur*: the noun is singular (read at 11×) and the verb plural. *Maculæ*, 'the spots', is near-certain from the agreement. Preserved as printed; the English renders 'The spots'.

102. batch_129 / p.387 — *Category B — source compositor error*

In the table for Tycho and Scheiner the Roman-mile figures are four times the German throughout the Earth row (4 × 860 = 3440). For the Sun the page prints a semidiameter of 18411 6/10, where 4 × 4602 1619/4000 gives 18409.6, and a circumference of 155683 612/1000, where 4 × 28920 3612/4000 gives about 115683.6; the leading figures do not fit. Preserved as printed. These figures rest on the translation pass and were not re-read at magnification.

103. batch_129 / p.387 — *Category B — source compositor error*

In the table of the order of the spots the Roman-mile column does not follow the proportions printed beside it: B is 187 2/5 against A's 18 4/10 for a proportion of 10 to 1, and E 2640 and F 4419 against D 1928. Preserved as printed; not re-read at magnification.

104. batch_131 / p.392 — *Category C — author/source anomaly*

Line 57 says the tide is seen daily at Spitsbergen *grad. 24.* of elevation. Spitsbergen lies at about 77°–80° N, so the figure cannot be its latitude as it stands. The figure rests on the translation pass; the page check it was queued for has not been taken, so a misread figure is not excluded. Preserved as read.

105. batch_131 / p.393 — *Category B — source compositor error*

Line 116 prints *angust asGaditani*, with no i, only a risen space (confirmed at 9× by crop reader, L1953), for *angustias* (*per angustias Gaditani freti*). The English follows the sense. Preserved as printed.

106. batch_131 / p.394 — *Category B — source compositor error*

Line 64 prints *Gotth co*, a word-space and no sort (confirmed at 8×, L1957), for *Gotthico* (Procopius, *De bello Gothico*); line 72 prints *Mſſiliam*, no a between M and ff (confirmed at 8×, L1958), for *Massiliam* (Marseille). The English follows the sense. Preserved as printed.

107. batch_132 / p.395; batch_208 / p.622 — *Category B — source compositor error*

The name of Jan Huygen van Linschoten (Latin *Linschotanus*) is printed *Linſcoſanus* on p. 395 (line 86, read at 6×) and *Lintſchoſanus* on p. 622 (line 5, read at 7×), each with a long s where t belongs. The identification therefore rests on the sense, not on the letters. Whether the form is a recurring misprint or the author's own spelling is not settled. Preserved as printed.

108. batch_133 / p.399 — *Category B — source compositor error*

In the Second Table on p. 399 the hour columns advance by a fixed step (48 minutes in Part I), and several printed cells break it: Part I, column A, day 3/18 prints 2 36 between 1 36 and 3 12; column D, days 9/24 and 10/25 print 9 29 and 10 27 between 8 39 and 11 3; Part II, column L, day 0/15 prints 6 46 where every other column repeats its day-15 value (L has 7 45 at day 15/30), and days 14/29 and 15/30 print 6 57 and 7 45 after 5 9; column P, day 1/16 prints 10 39 between 9 45 and 11 21. Preserved as printed. No sort was chosen by the arithmetic.

109. batch_134 / p.400 — *Category B — source compositor error*

In the table on p. 400 every row's minutes fall in steps of 15; row L prints 46. Preserved as printed; the figure rests on the translation pass.

110. batch_134 / p.401 — *Category B — source compositor error*

Line 12 prints *6. 12″.* with a double prime, where the same value is given as 12′ in lines 7, 11, 24 and 25. Preserved as printed.

111. batch_134 / p.402 — *Category B — source compositor error*

Line 44 gives a yearly total of 3,030,480 cubic perches, which does not follow from the rate of 35,000 cubic perches every two seconds stated with it. Preserved as printed.

112. batch_136 / p.407 — *Category B — source compositor error*

Line 142 prints *antem*, the second letter inked as n against the u's of *graduum* on the same line (confirmed at 9× by crop reader, L2027), for *autem*. The English follows the sense. Preserved as printed.

113. batch_137 / p.410 — *Category C — author/source anomaly*

In line 135 the print reads *ex mensa eâdem* ('from the same table'). In this copy a pen stroke runs through the a of *mensa*, and a word in brown ink in the margin beside lines 134–135 reads *ura* (crop reading), which suggests that a reader corrected the word to *mensura* ('measure'). The correction belongs to this copy, not to the edition. Whether the print is itself a misprint is not settled. The English follows the print.

114. batch_137 / p.410 — *Category B — source compositor error*

Line 108 prints *lapidus*, no e (confirmed at 4.5× by crop reader, L2040), for *lapideus*; the parallel at lines 78–79 has *lapideum*. The English follows the sense ('stone'). Preserved as printed.

115. batch_137 / p.411 — *Category C — author/source anomaly*

Line 47 prints *remanent DB, partium 131*. The subtraction it describes (451 − 320) gives the time of CD, and the scheme in lines 54–55 also assigns 131 to CD, with 63 to DB. Preserved as printed; the label rests on the translation pass and was queued for a page check.

116. batch_138 / p.412 — *Category C — author/source anomaly*

Line 35 reads *rursum* (short r, no ascender; crop at 6×), not *sursum*. The English now renders the print, 'a body tending back'; the translator had judged *sursum* ('upward') the better fit. Whether *rursum* is a compositor's error for *sursum* is not certain, so no emendation is made.

117. batch_138 / p.413; batch_142 / pp.424–425 — *Category B — source compositor error*

Four times the page names thirds in words and sets the two-stroke seconds mark beside the figure: p. 413 line 29 *10″. Tertijs*; p. 424 line 12 *Tertijs 30″*, line 18 *Tertijs 10″*; p. 425 line 46 *40″. Tertijs*. The word, and the arithmetic of each passage, give thirds (on p. 413 six vibrations make one second, so one is 10‴; on pp. 424–425, 4″ 20‴ halved is 2″ 10‴, and 60‴ + 1″ 40‴ = 2″ 40‴ = 160‴), and the same pages set the three-stroke mark with *Tertiorum*. All four marks were

read at 8×. The English gives ‴. The arithmetic corroborates; it was not used to read the marks.

118. batch_139 / p.415 — *Category B — source compositor error*

The heading of Class IV prints *Deſeenſu*, with e where the word needs c (crop at 9×). Preserved as printed with [recte: Descensu].

119. batch_139 / p.415 — *Category B — source compositor error*

Line 65 times the heavier ball at 23 vibrations, *that is, in 3″ 30‴*, and the lighter at 26 vibrations, 4″ 20‴. At the page's own 10‴ a vibration, 26 vibrations give 4″ 20‴, which closes, but 23 give 3″ 50‴. The figure was read as 3 against the 3″ on the same line. The English keeps it with [?]. Also on this page, in the first table the squares printed against 6½ and 19½ are 42 and 381 (6½ squared is 42¼; 19½ squared is 380¼). Preserved as printed.

120. batch_139 / p.417 — *Category C — author/source anomaly*

In the table of experiments on p. 417, row 5 prints the bone ball with 8 grains, while the text above (line 45) describes it as 2 drachms and 6 grains. Preserved as printed in both places.

121. batch_140 / p.419 — *Category C — author/source anomaly*

The text names one pair of balls of the same bulk as clay solid and clay hollow, while the small table's first pair is set as clay and boxwood. Preserved as printed in both places.

122. batch_140 / p.420 — *Category B — source compositor error*

In the table of vibrations and their squares, the row for 26 vibrations (row 4) prints the square as 626; the square of 26 is 676. The cell was confirmed as printed on a crop. Preserved as printed.

123. batch_141 / p.421 — *Category C — author/source anomaly*

Line 70 speaks of the pan loaded *biunciali seu dextante*, ‘with a two-ounce weight, or *dextans*’. A *dextans* is ten twelfths of the as; the two-ounce unit is the *sextans*. Whether this is a misprint or the author's slip has not been checked against another copy. Preserved as printed; the English carries *dextans* with [?].

124. batch_141 / p.423 — *Category C — author/source anomaly*

The fourth theorem (line 9) says the spaces keep the *triplicatam* proportion of the times, and in the same sentence glosses this as the spaces being to one another as the squares of the times, which is the duplicate ratio. The third theorem (p. 422) says *duplicatam*. Preserved as printed (‘triplicate’).

125. batch_142 / p.424; batch_143 / p.427 — *Category B — source compositor error*

The same product is printed twice as 17 661 212: on p. 424 (line 135) and on p. 427 (line 11). 30662 × 576 gives 17 661 312. Preserved as printed in both places. Batch 142 was in the Stage-5 sample, which confirmed its flagged figures as printed; the p. 427 copy has not been re-read at magnification.

126. batch_142 / p.424 — *Category B — source compositor error*

Line 87 prints 1207107, where 67600 × 5000 / 280 gives about 1207143. Line 132 prints 153 308 875 feet: this is 5 × 30 661 775 paces, but not 280 × 46 656 000 000 / 67 600, the reckoning set out with it. Preserved as printed.

127. batch_142 / p.425 — *Category B — source compositor error*

Lines 98, 113 and 116 print 266,560,000 as the square of 21600, where line 132 prints the correct 466,560,000. Line 85 prints 2,006,625,000, which with the difference 34,585,000 of line 87 does not make up 2,041,200,000 (the remainder would be 2,006,615,000). Line 90 prints *vicibus 91*, where 408,240 / 4139 is about 98.6. Preserved as printed.

128. batch_142 / p.426 — *Category B — source compositor error*

Line 137 gives 820 miles a day for a rate of 30 miles an hour, which gives 720. Preserved as printed.

129. batch_143 / p.427 — *Category B — source compositor error*

In the table on p. 427 the middle column's rows are multiples of 76 (380 and 532 as five and seven times 76); row 2 prints 218, where three times 76 is 228. Preserved as printed; not re-read at magnification.

130. batch_143 / pp.428–429 — *Category C — author/source anomaly*

Pappus's *Mathematical Collection* is cited as *lib. 11.* on p. 428 (line 36) and p. 429 (line 110). The two strokes do not separate on this copy between the figures 11 and a Roman II. Read as 11 the citation names a book the *Collection* does not have (it has eight); read as II it names Book 2. The English gives 'Book 11' as read.

131. batch_143 / p.429 — *Category B — source compositor error*

Line 101 gives the hourly advance of the Earth's centre as *2′. & 3″.*, while lines 112–114 reckon with 2′ 30″. Lines 122 and 124 give 304¼ as 7300 / 24, which is about 304⅙. Preserved as printed; not re-read at magnification.

132. batch_144 / p.430 — *Category B — source compositor error*

In the table on p. 430 the 'spaces due' are 31 times the square in each row, and the 'complements' are 200000 less the chord. Eight cells do not close: spaces due at row 160, 3010 (31 × 100 = 3100); row 144, 10064 (31 × 324 = 10044); row 110, 37925 (31 × 1225 = 37975); row 90, 65775 (31 × 2025 = 62775); row 22, 193461 (31 × 6241 = 193471); row 20, 194000 (31 × 6400 = 198400); complements at row 64, 95016 (200000 − 105984 = 94016), and row 20, 165370 (200000 − 34730 = 165270). The complements at rows 164, 162, 142, 122 and 108 differ by 1, which is consistent with complements taken from unrounded chords. Preserved as printed; not re-read at magnification.

133. batch_144 / p.432; batch_145 / p.433 — *Category C — author/source anomaly*

The same point is named with the looped Greek α on p. 432 (lines 25–26, *lineam* α β, *arcum Y* α) and with an italic roman *a* on p. 432 line 34 and p. 433 lines 14, 19, 24 and 29 (*arcum a* β and so on), the forms distinguished at 6.5–9× against α controls and confirmed by the Greek re-read. The third figure on p. 432 labels the point with an italic *a*. Each locus is printed and translated as it stands; whether the figure's label is α, so that the *a* is a wrong-fount sort, would be settled by comparing the figure. On p. 433 (lines 20, 34) a two-stem sort read η may be an italic n; not settled.

134. batch_145 / p.433 — *Category B — source compositor error*

Right-margin note R21 prints *tcr terræ.* (middle sort an open c with no eye or bar; confirmed at 10× by third-wave crop reader, E020), for *ter*, the end of *diameter* broken across the line. The English follows the sense. Preserved as printed.

135. batch_147 / p.440 — *Category C — author/source anomaly*

The text gives 54156 as the value answering to GT, where 13538 × 4 gives 54152; the table prints 54154, and the text's own difference of 2 parts agrees with 54156. In the table's upper tier, the second block's row 2 is labelled *C F* where *C T* is expected, and the blocks run CF 8′ … CL 32′ and CS 16′ … CX 1° 4′, while the text gives CS 8′, CT 16′, CV 24′, CX 32′: the table's labels do not line up with the text. Preserved as printed.

136. batch_148 / p.442 — *Category C — author/source anomaly*

Line 148 speaks of midnight (*mediæ noctis*) at C, where line 147 gives midnight at A, with the Sun at E below C. Possibly a misprinted letter; not emended. The English keeps the print with [?].

137. batch_148 / p.443 — *Category B — source compositor error*

In the table of the measures of the Earth and the Great Orb, the row *Gradus 1. Aequatoris* gives 90 1/3 miles and 451 665 feet, which both imply 90 333 1/3 paces (90 1/3 × 1000; 451 665 / 5 = 90 333). The paces cell prints 9333 1/3, confirmed on a crop at 6.5× with nothing set before it. The correct value is certain from two independent cells of the row. Preserved as printed with an editorial note.

138. batch_148 / p.443 — *Category B — source compositor error*

In the same table, three rows give miles with a fraction and paces that do not agree: *Gradus 1.* (Riccioli), 658 880 56/360 miles against 658 880 020 paces (56/360 of a mile is about 156 paces; the 2 is set in a smaller sort); *Circumferentia* (Kepler), 109 854 698 1/3 miles against 109 854 698 320 paces; *Minutum 1.* (Kepler), 5085 52/60 miles against 5085 750 paces. Preserved as printed; no correct value is certain.

139. batch_149 / p.446 — *Category C — author/source anomaly*

Line 22 cites *lib. 2. de cælo cap. 13. textu 101.*; line 136 cites the same passage as *2. de cælo cap. 13. textu 10.* Two figures stand at line 136 on this copy. Whether a figure failed to print or the edition differs is not settled. Both stand as printed.

140. batch_150 / p.450 — *Category B — source compositor error*

Margin note M3 prints *En-/hymemati*: two crop readers find clean paper where the t of *Enthymemati* should stand (L2336), and the neighbouring note M2 has an m that likewise did not print. Whether the sort was set and failed to ink, or was never set, only another copy can show. The English follows the sense. Preserved as printed.

141. batch_151 / p.451 — *Category B — source compositor error*

Line 65 of the verse prints *Oecurrens*, with an e-eye against the open c of the same word (confirmed at 7× by crop reader, L2338), for *Occurrens*. The English follows the sense. Preserved as printed.

142. batch_152 / p.456 — *Category B — source compositor error*

Line 61 prints *clar or*, with one sort's width of blank paper where the i of *clarior* belongs (confirmed by two crop readers, L2360); in line 50 the j of *contrarijs* barely printed (L2359). The English follows the sense. Preserved as printed.

143. batch_153 / p.458 — *Category B — source compositor error*

In Table IV the Copernican column runs *Hora* 2′ 28″, *Minuto* ?, *Secundo* 2‴ 28ⁱᵛ; the row *Minuto 1.* prints 2″ 28″, with two strokes on the 28 (read at 6× as inked). The series on both sides fixes the orders as 2″ 28‴. Preserved as printed with an editorial note.

144. batch_153 / p.459 — *Category B — source compositor error*

In Table VI, Kepler's Italian-mile column for one minute in the parallel declining 45° prints 182 ⅖, which breaks the run of its column (300 ½, 182 ⅖, 197 ⅗). The cell was confirmed as printed by two crop readers. Preserved as printed.

145. batch_154 / p.460 — *Category C — author/source anomaly*

Line 22 of the verse reads *Auram indignantem scindant, lacerentq. forentq.?* The last word is clear (closed o at 7×) but is not a recognisable verb in this line. It may be a printer's error, but the intended form is not certain, so no emendation is offered. The English marks the verb [?].

146. batch_154 / p.461 — *Category B — source compositor error*

Line 1 cites Kepler's *Epitome Astronomiae Copernicanae* as *pag. 156. & 137.* (8×, against a control on the same line). Line 74 cites the same passage as *pag. 136.*, and the pair 156/137 does not ascend. 136 is likely, but the page in Kepler has not been checked. Preserved as printed with an editorial note.

147. batch_158 / p.472 — *Category B — source compositor error*

Line 73 prints *sed ut rendant ad locum proprium*. Two readers (6× and 6.5×) read an r, with a shoulder and no ascender or crossbar, checked against the crossbarred t's in the same crop. The sense requires *tendant*, 'that they tend to their proper place'. Only another copy will show whether this is a compositor's r for t or a t whose ascender failed in this impression. Preserved as printed with [recte: tendant].

148. batch_159 / p.477 — *Category B — source compositor error*

The left-margin note M2 prints *argam.* for the abbreviation *argum.* ('argument'). Preserved as printed with an editorial note.

149. batch_161 / p.482 — *Category B — source compositor error*

Line 85 gives the cube of 1216 as 1788 045 696; 1478 656 × 1216 = 1 798 045 696. Preserved as printed; not re-read at magnification.

150. batch_161 / p.483 — *Category B — source compositor error*

Line 10 sets out *as 6 to 14 320, so 14320 to 34 077 066 ⅔*. 14320 × 14320 / 6 = 34 177 066 ⅔. The figures were confirmed as printed on a crop at 9×. Preserved as printed.

151. batch_162 / p.485 — *Category B — source compositor error*

Lines 31 and 33 print fractions of one third (line 31, *66 666 666 666 1/3*, confirmed at 6.5×), where the division the text describes gives two thirds. In

Table III several of the orb-cube figures (Mästlin 17, Tycho 16, Longomontanus 22) and the fixed-star counts for Tycho and Longomontanus (18 figures) do not match the cubes of the Table II values computed directly. Preserved as printed.

152. batch_163 / p.488 — *Category B — source compositor error*

Line 116 gives the cube of 3 18/60 as *ferè 32* ('about 32'); 3.3 cubed is about 35.9. The figures were confirmed as printed on a crop at 6×. Line 136 gives the cube of 1498½ as 3 364 884 747, where the product is 3 364 885 121⅝. Preserved as printed.

153. batch_163 / p.489 — *Category B — source compositor error*

In Table I several body figures are not the cube of the diameter printed beside them: Hortensius, Sirius 726 572 600 (899 cubed is 726 572 699); Lansbergen, Sirius 48 947 466 312 (3658 cubed is 48 947 566 312); Kepler, Sirius 143 219 897 228 (5232 cubed is 143 219 847 168); Hortensius, Alcor 86 355 888 (442 cubed is 86 350 888); Kepler, Alcor 16 933 994 432 (2568 cubed is 16 934 994 432). In Table III: Copernicus, Sirius 71 677 713 000 (4170 cubed is 72 511 713 000); Galileo, Sirius 88 427 672 000 (4380 cubed is 84 027 672 000); Lansbergen, Sirius 159 371 956 024 (5424 cubed is 159 572 865 024); Copernicus, Alcor 4 378 454 048 (1992 cubed is 7 904 383 488); Boulliau, Alcor 15 941 277 000 (2530 cubed is 16 194 277 000). In Table II, row 4 gives Lansbergen's Sirius as *ferè 145*, where Table I's figures give a ratio of about 14½. The Table I and III rows were confirmed as printed on crops. Preserved as printed.

154. batch_163 / p.489 — *Category C — author/source anomaly*

The title of Table III speaks of the apparent *Semidiametro* of Sirius as 18″, while the title of Table I and the text (line 24) give 18″ as its apparent diameter. Preserved as printed.

155. batch_164 / p.490 — *Category B — source compositor error*

The running head of this page prints 452 (crop at 6×, the middle figure a flat-flagged 5). The neighbouring heads (pp. 491–492 print 463, 464; pp. 476–477 print 448, 449) require 462. A mispagination; the correction is certain if the pagination is continuous, as every neighbouring head supports.

156. batch_164 / p.490 — *Category C — author/source anomaly*

Lines 20–24 cite *ex 2. Tabula* for figures (44 times, 4 times) that are those of Table IV on p. 489. Preserved as printed.

157. batch_164 / p.490 — *Category B — source compositor error*

Line 141 prints *Copernicęè* (c, e-caudata, e-grave; confirmed by crop reader, L2605), for *Copernicè* or *Copernicæ*; which form was intended is not certain. The English ('Copernican') holds under either. Preserved as printed.

158. batch_164 / p.492 — *Category B — source compositor error*

Lines 25–26 give 5 794 600 Bolognese miles as 4139 multiplied by 14000; the product is 57 946 000. Preserved as printed.

159. batch_164 / p.492 — *Category B — source compositor error*

Line 96 prints *non poteſt eſt maior* (e and ſt ligature; confirmed at 6.5× by crop reader, L2623), for *esse*, which the grammar requires. Line 122 prints *Probatur*

2′. with a prime-shaped sort where the ordinal (*secundò*, 2°) is meant (L2625). The English follows the sense ('be', 'secondly'). Preserved as printed.

160. batch_165 / p.493 — *Category C — author/source anomaly*

The left-margin note *Responsio ad Argum. 5.* stands beside the reply to Argument V; the right-margin note beside the reply to the argument headed VI carries the same wording, with the figure read as 5 in both (a long-descending old-style sort). Preserved as printed.

161. batch_165 / p.495 — *Category B — source compositor error*

Lines 89–90 give 152⅔ semidiameters as 629128 Italian miles. 152 × 4139 = 629 128, so the miles answer to 152 without the fraction; with the ⅔ the product would be about 631 887. The German figure printed with it, 157 282 (629 128 / 4), closes on the Italian. Preserved as printed.

162. batch_165 / p.495 — *Category B — source compositor error*

Line 100 prints *magnitud ni*, a clean gap where the i of *magnitudini* belongs (confirmed by two crop readers, L2675); in *Fixarum* on the same line the i is starved but present. The English follows the sense. Preserved as printed.

163. batch_168 / p.503 — *Category C — author/source anomaly*

Line 2 refers the reader to *cap.21. num.2.*, while the right-margin note to Argument XXVI on p. 502 cites *cap. 22. num. 1. & 2.* for the same matter. The figure 21 was confirmed by a third crop. Both stand as printed.

164. batch_169 / p.505 — *Category B — source compositor error*

Line 28 prints *Eixarum* with a plain capital E with a foot bar, not F (crop at 8×). The sense needs *Fixarum*, 'of the fixed stars', and the same page prints *Fixarum distantia* at lines 15, 90 and 111. Preserved as printed with [recte: Fixarum].

165. batch_170 / p.510 — *Category C — author/source anomaly*

In the sentence on Dionysius the Areopagite, line 30 begins *trum determinat* with no sort visible before it. The sense calls for *neutrum*, 'determines neither'. Whether a syllable failed to print, or the word was set short, has not been settled at magnification. The English keeps *trum* with [?].

166. batch_170 / p.510 — *Category C — author/source anomaly*

Line 62 prints *an potius fuerit stator Salis*; the second letter is a on a crop (L3125). In a passage on Joshua's halting of the Sun, the sense suggests *Solis*, 'stayer of the Sun'; but the printed word is clear and the clause that follows (drought brought upon the lands, like Elijah's) gives it some support, so no emendation is made. The English keeps *stator Salis* with [?].

167. batch_171 / p.512 — *Category C — author/source anomaly*

Line 156 quotes Jerome on Isaiah 7 as *Pete sibi signum à Domino Deo* [tuo]; the first letter reads as a long s. The Vulgate reads *Pete tibi signum*, 'Ask thee a sign'. The letter has not been re-read at magnification. The English carries [?].

168. batch_171 / p.513 — *Category C — author/source anomaly*

Line 154 cites *quo modo 1. ad Rom. 8.* for 'The Spirit intercedes for us' (Romans 8:26). Romans has no first and second epistle, so the figure 1 has no evident referent. The figure has not been re-read at magnification. The English keeps it with [?].

169. batch_172 / p.515 — *Category B — source compositor error*
Line 123 prints *ne libri, àque morte suà elapsis*: a grave over the a and no t sort (confirmed at 6× by second-witness crop reader, L3185, and again by the third wave, E040), for *atque*. The English follows the sense ('and'). Preserved as printed.

170. batch_172 / p.516 — *Category C — author/source anomaly*
Line 85 answers *the question proposed at the beginning of number 3* (*initio numeri 3.*), but the question's heading stands before § II on p. 515. The figure has not been re-read at magnification. Preserved as printed.

171. batch_173 / p.517 — *Category B — source compositor error*
Line 151 prints *Baronius ab Annum 748.* (b at 7×). *ab* with the accusative is ungrammatical. Baronius's *Annales* are cited by year (*ad annum*), and the same page cites 'years 744 and 748'. Preserved as printed with [recte: ad Annum].

172. batch_174 / p.520 — *Category B — source compositor error*
Lines 9–10 print *Bibiliothecæ* and *Bibilioth.* (confirmed by crop reader, L3204, L3205), for *Bibliothecæ*, *Biblioth.* The English gives the titles normally (*Bibliotheca Sancta*, *Bibliotheca selecta*). Preserved as printed.

173. batch_174 / p.520 — *Category B — source compositor error*
Line 46 prints *Bella·minus*, with no r inked and a small raised point in the gap (confirmed at 8× and 10× by two crop readers, L3206), for *Bellarminus*; the margin prints *Bellarmi-/nus*. The English follows the sense. Preserved as printed.

174. batch_174 / p.520 — *Category B — source compositor error*
Line 53 prints *ſolidu m*, the m an italic sort set sideways (turned about 90°) and spaced off from the word (confirmed at 9× by crop reader, L3207), for *solidum*. The English follows the sense. Preserved as printed.

175. batch_174 / p.521 — *Category B — source compositor error*
Line 91 prints *prorſ- / ſus* (confirmed by crop reader, L3211), repeating the ſ of *prorsus* across the line end. The batch report records the same habit at lines 149–152 (*illu-/luminando*, *reli-/liqua*). The English renders each word once. Preserved as printed.

176. batch_175 / p.525 — *Category B — source compositor error*
Right-margin note R3 prints *Nomina Cardinalium Sacra Congregationis* (a, not æ; confirmed at 8× by crop reader, L3224), for the genitive *Sacræ*. The English follows the sense ('Sacred Congregation'). Preserved as printed.

177. batch_177 / p.529 — *Category B — source compositor error*
Line 17 prints *corioſitati* (closed o; confirmed at 8× by crop reader, L3232), for *curiositati*. The English follows the sense ('curiosity'). Preserved as printed.

178. batch_178 / p.532 — *Category B — source compositor error*
Line 130 prints ἥμη; the third letter is an η, the same sort as the initial η (9× and 11×). The page glosses the word *significet dimidium* ('signifies half'), and it is the prefix of ἡμιόλιος in line 129, so the intended form ἡμι- is certain. The breathing leans rough, as transcribed, but is not settled. Preserved as printed with a [recte:].

179. batch_178 / p.533 — *Category B — source compositor error*

In the table of superpartient examples, the row *Superquadrupartiens quintas* (9 : 5) prints 9/5, 27/15, 49/35 and 99/55. 49 : 35 reduces to 7 : 5, not 9 : 5 (45/25 would fit). The cell was confirmed as printed on a crop. Preserved as printed.

180. batch_179 / p.535 — *Category B — source compositor error*

In the table of the radices, the rows T5 (radices 3 8: 33 48 88) and T6 (4 11: 60 88 165) take each extreme as a radix times the sum of the radices, with the harmonic mean between them. Row T7 prints radices 5 14 and the terms 98 14 166; the middle 14 was confirmed at 6×. The group's construction gives 95 140 266 (extremes 95 : 266 = 5 : 14; harmonic mean 2 × 95 × 266 / 361 = 140). The printed 98 : 166 is not 5 : 14, and 14 is not a mean. Because all three cells differ, this is a failure of the whole row, not a single wrong sort. Preserved as printed with [recte: 95 140 266], which is certain by the construction of the group.

181. batch_179 / p.537 — *Category C — author/source anomaly*

In the Greek column of Table I of the consonances, a narrow open-topped vowel sort, unlike both the page's two-bowl ω and its closed α, stands in rows 5, 11, 13 and 15. The edition reads it ω in rows 5, 11 and 13 (πασῶν) and α in row 15 (ἡμὶ διὰ πασᾶν, crop L3306). One sort cannot be both: either row 15 is ω, or the other three are the same α-like sort, or the sort is a variant ω throughout. A [recte: πασῶν] briefly added at row 15 was withdrawn for this reason. Only another copy will settle it. In rows 15 and 16 the prefix is printed ἡμὶ and ἡμὴ (η with a grave; row 16 with a smooth breathing) where ἡμι- ('semi-', matching *Semidiapason*, *Semidiapente*) is certainly meant; not emended, because the departure includes a breathing. Preserved as printed.

182. batch_180 / p.538 — *Category C — author/source anomaly*

In § VII Kepler's earlier count, 'the unison and six other consonances, namely 1.2.3.4.5.8.22', prints seven figures. Preserved as printed.

183. batch_180 / p.539 — *Category B — source compositor error*

Line 40 prints *didiapaſon*, with no ſ between the syllables (6×). The series dis-, tris-, quaterdiapason and Table I, row 5 (*Disdiapason*) give *disdiapason*. Preserved as printed with [recte: disdiapason].

184. batch_180 / p.540 — *Category C — author/source anomaly*

The prose of the second method pairs 72 parts with the major hexachord and 75 with the minor; the synopsis table beneath pairs 75 with *Hexachordi maioris* and 72 with *Hexachordi minoris*. Both are legible and both are preserved as printed.

185. batch_181 / p.542 — *Category B — source compositor error*

Line 96 prints ἐρμηνευτικὸν with a smooth breathing (8×); the word is ἑρμηνευτικόν. Line 120 prints δεμνὸς with a δ (6–7×) for σεμνός, Lucian's epithet of the Dorian mode. Each is preserved as printed with a [recte:], certain from the lexicon and the passage.

186. batch_181 / p.543 — *Category B — source compositor error*

Line 20 prints ἐναρμόνον, with no ι (confirmed at 8–11×), for ἐναρμόνιον, the standard name of the enharmonic genus. Preserved as printed with [recte: ἐναρμόνιον].

187. batch_181 / p.543 — *Category C — author/source anomaly*

In the table *Tetrachordon Diatonicum Diatonum seu Pythagoricum*, row III reads 7777 or 7776; the last figure does not separate between 7 and 6 on this copy. 6912 at the printed 9 to 8 gives 7776, 7776 at the printed 256 to 243 gives 8192, and the ancient chromatic table on the same page prints 7776. Read as 7776 the row closes; read as 7777 the print would disagree with its own ratios. Not re-read at magnification. The English carries 7777 [?].

188. batch_182 / p.544 — *Category B — source compositor error*

In the table of note values, column *Tempus 1. Mob.*, the Semiminima row reads 0 36. Halving the Minima row (1″ 10‴ = 70‴) gives 35‴, while the rows below (18, 9, 4½) halve 36. Preserved as printed.

189. batch_182 / p.545 — *Category B — source compositor error*

In the *Chordarum* table, Ordo 6 prints μεσᾶν, with α under the circumflex (6×), against μεσῶν in row 7. Preserved as printed with [recte: μεσῶν]. (Row 16 of the same column prints μεσὼν with a grave.)

190. batch_182 / p.546 — *Category B — source compositor error*

In the consonance table, the Diapente row prints its ratio as *3 ad 1*, though the row's own string numbers (9216 : 6144; 10368 : 6912) are 3 : 2. Preserved as printed.

191. batch_182 / p.546 — *Category B — source compositor error*

Line 38 prints *tres tomos* (m; confirmed at 3.8× by crop reader, L3368), for *tonos*. The English follows the sense ('three tones'). Preserved as printed.

192. batch_183 / p.547 — *Category B — source compositor error*

In the consonance table on p. 547, every row's whole string is 10368 except *Decima minore*, which prints 18368. *Decima maiore* prints 6147, where its own ratio of 5 to 2 on 10368 gives 4147⅕. *Hexachordo minore* prints 6485 (8 to 5 gives 6480), *Undecima* 3891 (8 to 3 gives 3888), and *Decimatertia maiore* 3112 (10 to 3 gives 3110⅖). The Stage-5 auditor confirmed all five as printed. Preserved as printed.

193. batch_183 / p.548 — *Category C — author/source anomaly*

In the consonance table of BG on p. 548, the last row prints the key *g* against 576, which stands against *ffg* in the Keplerian table above. Preserved as printed.

194. batch_184 / p.551 — *Category B — source compositor error*

Line 50 prints ἐννεάφωντον. The passage names Theocritus, -φωντον is no Greek word, and the English gloss already rendered 'of nine voices' (ἐννεάφωνον). Preserved as printed with [recte: ἐννεάφωνον].

195. batch_185 / p.553 — *Category C — author/source anomaly*

Line 2 reads *typos intra in tabulam cum alijs exhibebimus* (second reader, 8×), not *infra*. The English now renders the print, 'within a table'. *infra*, 'below' (that is, later in the book), is the expected word, and t for f would be an easy

compositor's slip; not emended. A *[recte: infra]* would be in order if such a table follows.

196. batch_185 / p.554 — *Category B — source compositor error*

Line 78 prints *alind* (italic n; confirmed at 9× by crop reader, L3392), for *aliud*; the reader saw the same form at line 87 (6.5×, not a target). The English follows the sense ('another'). Preserved as printed.

197. batch_185 / p.555; batch_186 / p.556 — *Category B — source compositor error*

Line 99 of p. 555 gives 2574 3/4 as three quarters of the whole string of 3435, and the same figure stands for the crystalline (row L) in the continuation table on p. 556. Three quarters of 3435 is 2576 1/4; with the table's ratio AB to BL as 4 to 1, AL is likewise 2576 1/4. Preserved as printed in both places.

198. batch_186 / p.556 — *Category B — source compositor error*

In the *Residuum tabulæ præcedentis*, row G prints 1717 1/1; both figures of the fraction are the I-form one (6× and 10×). The row's own proportion (AB = 3435 to BG as 2 to 1) gives 1717½, and the body of p. 555 prints 1717 with 1 over 2. Preserved as printed with [recte: 1717 ½].

199. batch_186 / p.556 — *Category B — source compositor error*

In *Intervalla comparata*, row b, the Saturn perihelion cell *Minus tono maiore* prints 10000/8935 (8×–11×). Neither the major tone (10000/8889) nor the column's own ratio 8968/10052 (about 10000/8921) gives 8935. No correct value is certain. Row a (10000/9000) agrees exactly with the minor tone it names. Preserved as printed.

200. batch_187 / p.560 — *Category B — source compositor error*

Line 29 lists the aliquot parts of 720 and includes 124, which does not divide 720. The list also names fifteen divisors against fourteen parts. Preserved as printed.

201. batch_187 / p.560 — *Category C — author/source anomaly*

In the full-width table of the motions, the third block's values differ from the second block's in six lines: 1′ 48″ / 1′ 46″; 4′ 35″ / 4′ 30″; 25′ 21″ / 26′ 14″; 57′ 28″ / 57′ 3″; 98′ 47″ / 97′ 37″; 394′ / 384′. (The minute counts running past 60 are the table's convention, with no degree column.) Preserved as printed.

202. batch_188 / p.562 — *Category C — author/source anomaly*

The first table names the 45° aspect *Octilis, vel Sequadrus*, and the old axiom in line 19 assigns *Sequadrus* the minor sixth, which belongs to the 135° aspect (*Sesquadrus*). The two names are close in print and the passage appears to confuse them. Preserved as printed.

203. batch_188 / p.564 — *Category B — source compositor error*

Line 48 prints *Tagentium* for *Tangentium*, 'of tangents'. Preserved as printed with an editorial note.

204. batch_189 / p.565 — *Category B — source compositor error*

Line 1 gives the residue as 89 708 188 (the first figure of the second group read as 7). Subtracting 10 791 812 from 100 000 000, as the sentence describes, gives 89 208 188. Preserved as read; not re-read at magnification.

205. batch_189 / p.565 — *Category B — source compositor error*

Line 7 prints *nnmeralis*, a turned u (crop reader, L3478), for *numeralis*; line 46 prints *duplicatas* (confirmed at 6× by second-witness crop reader, L3479), for *duplicatus*; line 53 prints *Logatithmi*, t for r (confirmed at 6×, L3480), for *Logarithmi*. The English follows the sense. Preserved as printed.

206. batch_189 / p.567 — *Category B — source compositor error*

In the example of Rule IV by logarithms, row T3 prints *Latus BC, Pedum 30.*, with no third figure inked (6×). The same row's logarithm, 24774427, belongs to a number just over 300 (log 300 = 24771213 in the same tables), and the parallel example by sines (T8) gives 300⅕ feet. Preserved as printed with [recte: 300].

207. batch_189 / p.567 — *Category C — author/source anomaly*

The angle A is set as 29. 59′ (single prime) in line 16 and as 29. 59″ (double prime) in line 22. In table row T14 of p. 566 the page writes *Radius AB*, although AB is the base in that example. Preserved as printed.

208. batch_190 / p.568 — *Category B — source compositor error*

In the right-column example of Rule 2 the product row prints 16 681 848 400, where the same multiplication in the left-column example prints 15 681 848 400 (8 712 138 × 1800 = 15 681 848 400). The divisor row gives the sine of 44° 26′ as 7 000 789, where the left-column quotient for the same sine is 7000 825 and a fraction. Both cells were confirmed as printed on crops. Preserved as printed.

209. batch_190 / p.569 — *Category B — source compositor error*

In the sine example for Rule 3, the quotient row prints 1 420 011 ½, where 5 737 646 640 ÷ 4040 is about 1 420 209. The cell was confirmed as printed on a crop. Preserved as printed.

210. batch_191 / p.571 — *Category B — source compositor error*

In the sine example of Rule 8, the quotient row prints 7 216 002 44/106; the denominator's third figure was re-read as 6 at 10×. The product row prints 72 160 024 415 860, and the next row divides it by the radius 10 000 000, which gives 7 216 002.441586…, so the fraction is 44/100; every parallel quotient on pp. 570–571 uses a power-of-ten denominator. The printed 6 may be a foul or damaged 0, which another copy would show. Preserved as printed with an editorial note.

211. batch_191 / p.572 — *Category C — author/source anomaly*

The example of Rule 13 (table row T36) prints side AC as *Gr. 70. 10′*, while the next example (Rule 14, T39) gives side AC as *Gr. 70.* with no minutes. Both stand as printed; T36 has not been re-read at magnification.

212. batch_191 / p.573; batch_192 / pp.575–576 — *Category C — author/source anomaly*

In the example of Rule 2 on p. 573, the residue 02367553 (confirmed on a crop) and the second mesologarithm read as 100761875 would add to 103129428, but the result row prints 103129418 (confirmed on a crop). Pp. 575 (Rule 8, row 1) and 576 (Rule 12) give the second mesologarithm of 40° as 100761865, and

with that value the p. 573 sum closes exactly. Either p. 573 prints ...875 and its result is off by 10, or it prints ...865 and the transcription misread it. The p. 573 figure has not been re-read at magnification. Preserved as read.

213. batch_192 / p.576 — *Category B — source compositor error*

In the logarithm table of Rule 11, row T11 prints the half-sum of the angles as 45. 33′. 30″., against 45. 53′. 30″. in rows T3 and T6 of the same example (half of 91° 47′ is 45° 53′ 30″). Row T9 prints 100861410, while the three figures above it as transcribed (01573149, 99950126, 99238135) add to 200761410, that is 100761410 with a unit dropped. The printed T11 and T9 were confirmed on crops; the three figures above T9 have not been re-read. Preserved as printed.

214. batch_192 / p.576 — *Category C — author/source anomaly*

The steps of Rule 11 are numbered *Primò … Deinde … Tertiò*, with no *Secundò*. Preserved as printed.

215. batch_193 / p.577 — *Category B — source compositor error*

In the logarithm table of Rule 14, the last row (T18), *its half is the second logarithm*, prints 99322721; half of the printed sum 198645483 in T17 is 99322741½. The four rows above T17 do add to 198645483. T18 was confirmed on a crop. Preserved as printed.

216. batch_194 / p.580 — *Category B — source compositor error*

Line 99 prints *Graau*, the fourth sort a plain a with no ascender, for *Gradu*. Preserved as printed with an editorial note.

217. batch_194 / p.580 — *Category C — author/source anomaly*

Line 20 speaks of *triangulo ADP, rectangulo ad P*, while the figure and the parallel triangles put the right angle at D. The printed P has not been re-read at magnification. Preserved as printed.

218. batch_195 / pp.584–585 — *Category C — author/source anomaly*

On p. 584 line 5 (Problem 46) the reader is told *disces latus TP*, where the side sought is TV (TP is the given base). On p. 585 line 133 (Problem 63) the page has *Datis PG* in the triangle ZBG, where BG is the side given as above. Both letters were read on strips and have not been re-read at magnification. Preserved as printed; the English carries [?].

219. batch_196 / pp.586–587 — *Category C — author/source anomaly*

On p. 586 the vertical label of the right-hand table reads *Triãg. Rect. sec. 1. c. 3.*, while line 90 cites *sect. 1. cap. 4.* for the same rules; a misprint or a misread figure, not decided. Line 72 says the triangle θ♈μ is right-angled at θ while calling its declination θμ. On p. 587 (lines 9, 12–17) the same triangle is named with ♈ (V♈X) and with ♎ (V♎, X♎, XV♎). Preserved as printed.

220. batch_197 / p.589 — *Category C — author/source anomaly*

Lines 13–14 call the meridian of the recalled figure HZR and the horizon HR. Preserved as printed; not decided whether this is a misprint.

221. batch_198 / p.593 — *Category C — author/source anomaly*

Line 59 names the horizon GFR, while the label at the left end of the drawn horizontal line in the woodcut is H. Preserved as printed; not decided.

222. batch_202 / p.606 — *Category C — author/source anomaly*

Lines 61–62 read *die 4. Novembris anni 1576. & die 24. Ianuarij anni 1579.* (read at 6×). The same page dates these events to 1596 (30 October) and 24 January 1597. But the transcription had found 7 and 9 inseparable in this fount at these very sorts, so it is not established whether the print or the reading is at fault; a closer reading should come before any statement that the print is wrong. The English gives the figures as read, with editorial notes.

223. batch_203 / p.607 — *Category B — source compositor error*

Line 103 gives the daily motion as 59′, where the two printed places (20° 54′ and 19° 56′) differ by 58′. Line 124 prints *Gr. 41. 11″.* with the seconds mark, where the doubling to 82° 22′ implies minutes. Both as read on strips and queued for a page check. Preserved as printed.

224. batch_203 / p.609 — *Category B — source compositor error*

Line 21 reads *fiunt 540. quibus per 24. horas divisis, prodeunt 22′ ⅕* (fraction read at 8×). 540 ÷ 24 = 22½, so the printed ⅕ contradicts the line's own division; the Sun's place that follows (Aries 21° 16′) fits either. Preserved as printed with an editorial note.

225. batch_206 / p.616 — *Category B — source compositor error*

Line 111 reports Eratosthenes' 250 000 stadia for the whole circumference and *694 3/5* in one degree (the fraction read at 6× by the Stage-5 auditor). 250 000 / 360 = 694 4/9. Whether the author derived the figure by that division (the sentence presents it so) or took a rounded value from a source is not established, so no [recte:] is offered. Preserved as printed.

226. batch_206 / p.618 — *Category C — author/source anomaly*

In Snel's table of distances, the rows for Leiden–Gouda and for Gouda–Dordrecht print the same figures, 5897 and 8. A repeated value is possible but suspicious, and may be a compositor's repetition. Preserved as printed.

227. batch_208 / p.623 — *Category B — source compositor error*

Line 98 prints ἀγεομετρίαν, the fourth letter ο, not ω (blind Greek re-read at 8×), for the standard term ἀγεωμετρίαν, ‘want of geometry’. Preserved as printed with [recte: ἀγεωμετρίαν].

228. batch_208 / p.624 — *Category B — source compositor error*

Line 59 reads *radium MK, propagantis, Gr. 21. 15″.* (6×), with a seconds mark after 15. The passage's sum (20° 56′ − 20″ + 4′ + 15′ 25″) gives 21° 15′ 5″, and its complement, 68° 44′ 55″, is stated next; so the mark should be a single prime. Preserved as printed with an editorial note.

229. batch_209 / p.625 — *Category B — source compositor error*

Line 77 gives a third of $8^h\ 13^m$ as $2^h\ 44½^m$ (strictly 44⅓); the ½ makes the following sum ($10^h\ 38^m$) come out, so this is probably the author's rounding. Line 80: $10^h\ 38^m$ at 15° to the hour is 159° 30′, and the page prints 159° 32′. Line 109: 89° 28′ 30″ less 31′ 33″ gives 88° 56′ 57″, and the page prints 88° 56′ 56″. Line 111: with 88° 56′ 56″ and 13° 10′ 54″ the third angle would be 77° 52′ 10″, and the page prints 75° 46′ 2″. Preserved as printed.

230. batch_209 / p.626 — *Category B — source compositor error*

Through row 34 every Roman-mile figure is exactly 1¼ times the Bologna figure. From row 35 it is not: 43 for 35 (1¼ gives 43¾), 44¼ for 36 (45), 45½ for 37, 47 for 38, 48¼ for 39, 54 for 43, and so on. Rows 35 and 36 were confirmed as printed by two crop readers; rows 37–39 have not been re-read. Whether the ratio is the column's law beyond row 34 is not established. Preserved as printed.

231. batch_213 / p.637 — *Category B — source compositor error*

Lines 1–3 give Goa 10^h, Goes $4^h\ 50^m$, and the difference as *5.50′* and *77. 30′*. 10^h less $4^h\ 50^m$ is $5^h\ 10^m$, and 77° 30′ is exactly $5^h\ 10^m$ of time; the printed minutes of the difference do not close. Preserved as printed.

232. batch_213 / p.637 — *Category C — author/source anomaly*

In the figure on p. 637, the label at the right end, where the two lines meet, was read C with no spur by the crop wave (6×) and G with a vertical spur at its lower right by the Stage-5 auditor (6×). The text names the ecliptic ABC and the Moon's path DC, which supports C; read as G, the figure would carry a letter the text does not name. The English keeps C with an editorial note. A third look or another copy would settle it. (The same C-or-G question arises on p. 655.)

233. batch_213 / p.637 — *Category C — author/source anomaly*

Line 85 prints *Lunæ I P*; the capitals I P were confirmed by a third crop. The construction would lead one to expect LP. Whether this is a misprint is not decided. Preserved as printed.

234. batch_213 / pp.637–638 — *Category C — author/source anomaly*

Maurolycus is cited at *pag. 67.* (p. 637 line 18) and *pag. 67 ½.* (line 117) for the same work. The *De usu globi* is cited as cap. 19 on p. 637 and cap. 18 on p. 638. Both pairs stand as printed.

235. batch_213 / p.638 — *Category B — source compositor error*

Line 13 of p. 638 prints *Obuetanus* (4×), the b with a broken bowl, where *Oliuetanus*, 'Olivetan', is meant: Vincenzo Renieri was an Olivetan monk. Preserved as printed with an editorial note.

236. batch_213 / p.638 — *Category B — source compositor error*

Line 78 gives about 15 days against 396 hours; 15 days are 360 hours, and 396 hours are 16½ days. (396 ÷ 30 does agree with the 13 hours printed with it.) Preserved as printed.

237. batch_213 / p.639 — *Category B — source compositor error*

Lines 67–69 give 174′ divided by 31′ 44″ as $4^h\ 45^m$; the quotient is about $5^h\ 29^m$ ($4^h\ 45^m$ does convert to the printed 71° 15′). Lines 143–144 give 203′ divided by 31′ 44″ as $6^h\ 20^m$, against about $6^h\ 24^m$ ($6^h\ 20^m$ converts to the printed 95°). Preserved as printed.

238. batch_215 / p.645 — *Category C — author/source anomaly*

Line 105 lists *quadrantibus B C, B D*, naming BD among the quadrants, though BD is the distance sought. Preserved as printed; not re-read at magnification.

239. batch_216 / pp.646–647 — *Category C — author/source anomaly*

On p. 646 line 64 the triangle *D V B* is named for the first step of Problem 30, though the parts given belong to the triangle EVB. On p. 647 line 50 the triangle MIO is *rectangulo ad M* in the third case, against *ad O* in lines 61 and 65. Preserved as printed; not re-read at magnification.

240. batch_217 / p.649 — *Category C — author/source anomaly*

Lines 15–16 read *quære latera BK, & BG*, but BG is the given chord and the side used later is GK. Line 112 reads *infra stellam F* (read as F at strip scale), while the star marks of the figure on p. 648 stand beside Z, X and Y. Preserved as read; not re-read at magnification.

241. batch_217 / p.651 — *Category C — author/source anomaly*

Line 20 cites *capite 2. probl. 11. 12. 13.* and line 116 cites *cap. 1. Probl. 11. 12. 13.* for the same problems. Both preserved as printed.

242. batch_219 / p.655 — *Category C — author/source anomaly*

In the second figure on p. 655 (fig-p655-2), two readers agree that the label at the right end (F19) is a G with a spur. The prose names a horizon ABCD and an arc AKC, and nowhere names G. The sort may be a press error, G for C, but the figure may carry its own G, so no emendation is offered until that is ruled. The same C-or-G question arises on p. 637.

243. batch_222 / p.664 — *Category B — source compositor error*

Right-margin note R5 prints *Luna Pa-* (nominative; confirmed at 8× by crop reader against a same-line control, L3996), where the genitive *Lunæ* is expected. The English follows the sense. Preserved as printed.

244. batch_225 / p.675 — *Category C — author/source anomaly*

Line 102 cites *Keplero lib. 4. Astron. Opt. prop. 1.*, while the surrounding references to the same part of Kepler's *Astronomiae Pars Optica*, which is divided into chapters, read *cap. 4.* Possibly a misprint; preserved as printed.

245. batch_227 / p.679 — *Category B — source compositor error*

Line 105 prints *Gr. 12′. 4′.*, with a prime after the degree figure, where lines 85–101 give 12. 4′. Line 106 gives the total as *Gr. 14. 44′*, where 12° 4′ plus 2° 42′ is 14° 46′. As read; not re-read at magnification. Preserved as printed.

246. batch_227 / p.680 — *Category C — author/source anomaly*

Line 127 reads *dantur VP, & EP* and line 141 *VPE* (both confirmed by two crop readers). The figure of this case carries no E; the construction suggests BP and VPB. An editor may wish to rule on both loci together against the figure. Preserved as printed with editorial notes.

247. batch_227 / p.681 — *Category B — source compositor error*

Line 37 prints *Ducto igitur eſt E, arcu EP* (crop at 6×); the construction requires *ex E*, 'from E', and the English construes it so. Preserved as printed with an editorial note.

248. batch_228 / p.682 — *Category B — source compositor error*

In the computation table on p. 682: the row *Eius complementum* prints 81° 59′ 59″ against a declination of 8° 1′ 1″ (90° less gives 81° 58′ 59″); the right ascension of the midheaven prints 328° 54′ 52″, where 293° 27′ 54″ + 35° 27′ 0″ gives 328° 54′ 54″ (the next row agrees with 52″); and the Sun's right ascension

prints 95° 35′ 38″, where the earlier row prints 95° 35′ 58″ and the following sum, 126° 41′ 6″, uses 58″. The cells were confirmed as printed on crops. Preserved as printed.

249. batch_228 / p.684 — *Category B — source compositor error*

Line 6 gives our integral refraction as 12′ 4″, where 11′ 47″ plus 27″ gives 12′ 14″. Preserved as printed; not re-read at magnification.

250. batch_229 / pp.685–686 — *Category C — author/source anomaly*

The text (p. 685 line 116) names the terrestrial quadrant BVT, but no V is set on the woodcut of p. 686. The page cites a label the figure does not carry. Preserved as printed.

251. batch_229 / p.687 — *Category B — source compositor error*

In the full-width table on p. 687: row 1 (altitude 3° 50′) prints the refraction of declination as 12′ 52″, where true declination less declination without parallax gives 12′ 42″ (its addition to the refraction of altitude, 14′ 22″, agrees with the printed figure); row 5 (2° 40′) prints 17′ 39″, where the difference of its neighbours gives 17′ 32″, and 17′ 32″ plus the addition 2′ 12″ gives the printed 19′ 44″; row 9 (0° 35′) prints the declination observed as 18° 20′ 0″, which less the parallax 2′ 38″ gives 18° 17′ 22″, not the printed 18° 17′ 52″, and the refraction of altitude 31′ 10″, where 27′ 20″ + 3′ 54″ gives 31′ 14″ (the text, line 48, also quotes 31′ 10″). Rows 6 and 8 differ by one second in the same tests, probably rounding. Preserved as printed; the English marks the four cells [?].

252. batch_230 / p.689 — *Category C — author/source anomaly*

Line 122 (the Corollary) cites Kepler's *Epitome Astronomiae Copernicanae* as *lib. 17.*, page 26, while the other citations of the *Epitome* on these pages give Book 1; the *Epitome* has seven books. Preserved as printed; not verified against Kepler.

253. batch_230 / p.690 — *Category B — source compositor error*

Line 107 (the example of Problem 54) gives the height of the refractive air as 3358 miles for five-sixths of the semidiameter 4139, which is about 3449. Preserved as printed.

254. batch_231 / p.691 — *Category B — source compositor error*

The running head of p. 691 prints *DE PARALLAXIBVS.* where the neighbouring recto heads print *DE REFRACTIONIBVS.*; the letters are clear on the leaf. Preserved as printed.

255. batch_231 / p.692 — *Category B — source compositor error*

In Table I (air to water), row 20° prints the refracted angle as 15° 10′. With the refraction 4° 30′ printed beside it, this does not make up the inclination of 20°, as every other row of both blocks does (15° 30′ would). The cell was confirmed as printed on a crop. Preserved as printed.

256. batch_231 / p.692 — *Category B — source compositor error*

In Table II, row 40°, the proportional part prints 3° 39′; the 3 was confirmed as ink at 7× and 10×, the same form as the 3 of 30, 35 and 39. The row's own sum fails: 3° 39′ + 1° 23′ = 5° 2′, but the printed composite is 11° 2′, and 11° 2′ − 1° 23′ = 9° 39′. The column also breaks its steady rise (2, 4, 7, [3], 12, 14, 16, 19,

21), and the Witelo difference, 0° 2′, agrees with the printed composite, not with the 3. The correct value is certain by the row's sum. In the 90° row, the Witelo cell prints 0 0 (Table I runs only to 80°) and the difference cell is blank. Preserved as printed with an editorial note.

257. batch_231 / p.693 — *Category B — source compositor error*

In Table III, first group, row 30° prints 22 50: the steps run 40′ from 22 10 and 48′ to 23 38, where the neighbouring steps are 44′–45′ (crop-confirmed). In the third group, row 90° prints the calculated cell as 0 0 after 51 3 at 89°. Preserved as printed.

258. batch_232 / p.694 — *Category B — source compositor error*

Table VI (air to water): at 10° the refraction prints 2° 6′, where 10° less the refracted angle 7° 52′ gives 2° 8′; at 30°, 7° 38′, where 30° less 22° 28′ gives 7° 32′; at 60°, 19° 32′, where 60° less 40° 27′ gives 19° 33′; at 89° the refracted angle prints 48° 24′ after 52° 0′ at 85°, breaking the progression (the refraction beside it agrees with 48° 24′). Table VII: the refraction at 32° 46′ (Göggingen) prints 2′ 30″ after 2′ 0″ at 29° 20′, breaking the progression. Preserved as printed.

259. batch_232 / p.695 — *Category B — source compositor error*

In Table VIII, the last column at 23° prints 0′ 38″, exceeding the simple refraction (0′ 29″) by 9″, where every other row from 0° to 24° shows an excess falling from 27″ to 19″. Kepler's column at 45° prints 0′ 40″ after 0′ 47″ at 44°, a step of 7″ against neighbouring steps of 2″–3″. Preserved as printed.

260. batch_232 / p.696 — *Category B — source compositor error*

In Table IX, Moon (winter): at 9° the value 12′ 24″ exceeds 12′ 12″ at 8°, breaking the progression; at 18° the value 5′ 33″ is less than the equinoctial 5′ 36″ beside it; at 30° the value 1′ 36″ falls 14″ to 1′ 22″ at 31°, against neighbouring steps of 3″–4″. Preserved as printed.

261. batch_233 / p.699 — *Category B — source compositor error*

In the index, column 3, the entry *Censuræ in illam* gives the locator *495. ad 100*, a range whose end is lower than its start. Preserved as printed.

262. batch_234 / p.701 — *Category B — source compositor error*

Line 97 prints *his Seheineri. 354. ad 360.*, with e for c (crop L4124), for Scheiner's name. Preserved as printed with an editorial note.

263. batch_234 / p.702 — *Category B — source compositor error*

Line 134 prints *Regiomontani Problemata Parallax.um. 625.*, with a point where the i of *Parallaxium* should stand (crop L4125). Preserved as printed with an editorial note.