

VI. *Observationes Cælestes Britannicæ, Grenovici in
Observatorio Regio, a JOHANNÉ FLAM-
STEEDIO, AST. REG. habitæ,
Annis MDCCXI & MDCCXII.*

Observationes SATURNI.

Temp. per Horolog.	Tempora correcta.	Die Veneris Januarij 5. 1711.	Distantia a Vertice
10. 14. 26	10. 14. 41	Calx Castoris & II transit	28. 50. 10
11. 11. 38	11. 11. 53	In Inguine Pollucis, & transit	28. 59. 00
12. 4. 45	12. 5. 00	Saturnus transit	30. 23. 20
		Ascensio recta b 119. 01. 00	
		Dist. a Polo Bor. 68. 55. 20	
Die Solis Januarij 7.			
11. 2. 53	11. 0. 31	Geminorum & transit	28. 59. 20
11. 50. 36	11. 48. 14	In pede Bor. & transit	28. 5. 20
11. 55. 22	11. 53. 00	Saturnus transit	30. 21. 50
12. 15. 41	12. 13. 19	Canceri & Bayeri transit	30. 4. 30
12. 26. 18	12. 23. 56	Canceri, Atellus Bor. transit	28. 59. 50
		Ascensio Recta b 118. 52. 00	
		Dist. a Polo Bor. 68. 53. 50	
Die Luna, Januarij 8.			
10. 58. 35	10. 57. 49	Geminorum & transit	28. 59. 15
11. 50. 46	11. 50. 00	Saturnus transit	30. 20. 35
12. 11. 25	12. 10. 30	Canceri & transit	30. 4. 25
		Ascensio Recta b 118. 46. 30	
		Dist. a Polo Bor. 68. 52. 35	

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Temp. per Horolog.	Tempora correcta.	Die Jovis, Januarij 25. 1711.	Distantia a Vertice
9. 45. 55	9. 46. 26	Geminorum δ transit —	28. 59. 10
10. 32. 27	10. 33. 00	Saturnus transit —	30. 4. 00
11. 10. 51	11. 11. 27	Canceri δ , Afellus Aust. trans.	32. 17. 50
		Afensio Rect. h 117.23.00	
		Dist. a Polo Bor. 68.36.00	
Die Saturni, Januarij 25.			
9. 37. 25	9. 38. 2	Geminorum δ transit —	28. 59. 20
10. 13. 11	10. 13. 48	Sub latere Pollucis γ transit	30. 51. 50
10. 23. 23	10. 24. 00	Saturnus transit —	30. 2. 30
10. 40. 59	10. 41. 36	Post Caudam δ transit	32. 14. 10
10. 50. 16	10. 50. 53	Canceri μ transit —	30. 4. 35
		Afensio Rect. h 117.14.00	
		Dist. a Polo Bor. 68.34.30	
Die Martis, Januarij 30.			
9. 29. 45	9. 26. 55	Geminorum δ transit —	28. 59. 40
10. 14. 50	10. 12. 00	Saturnus transit —	30. 0. 00
10. 33. 20	10. 30. 30	Canceri δ transit —	32. 14. 10
10. 42. 35	10. 39. 45	Canceri μ transit —	30. 4. 45
		Afensio Rect. h 117.00.30	
		Dist. a Polo Bor. 68.32.00	
Die Mercurij, Feb. 28.			
8. 18. 32	8. 15. 00	Saturnus transit —	29. 43. 00
8. 27. 11	8. 23. 39	In Boreo pede Canceri μ tran.	29. 5. 40
9. 2. 50	8. 59. 18	Afella Boreus Canceri γ tran.	29. 0. 20
10. 39. 59	10. 36. 27	Lyrida Colli Leonis γ tranf.	30. 12. 05
		Afensio Rect. h 115.31.30	
		Dist. a Polo Bor. 68.15.00	

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Temp. per Horolog.	Tempora correcta.	Die Jovis, Mart. 1. 1711.	Distantia a Vertice.
8. 14. 5	8. 11. 00	Saturnus transit — — —	29. 42. 50
8. 22. 47	8. 19. 42	Canceri μ transit — — —	29. 5. 35
8. 58. 28	8. 55. 23	Asellus Boreus transit — — —	29. 0. 15
10. 35. 36	10. 32. 31	Lucida Colli Leonis transit	30. 12. 00
		Ascensio Rect. h 115.30.30	
		Dist. a Polo Bor. 68.14.50	
Die Veneris, Nov. 9.			
17. 21. 12	17. 21. 23	Sequens ad π Canceri transit	35. 21. 10
17. 29. 49	17. 30. 00	Saturnus transit — — —	34. 9. 50
18. 13. 25	18. 13. 36	Austrina Colli Leonis μ trans	33. 18. 50
		Ascensio Rect. h 136.58.00	
		Dist. a Polo Bor. 72.42.00	
Die Lunæ, Nov. 19.			
16. 46. 20	16. 41. 00	Saturnus transit — — —	34. 8. 00
16. 59. 31	16. 54. 11	Telescopica α transit — — —	33. 45. 30
17. 29. 59	17. 24. 33	Austrina Colli Leonis μ trans	33. 18. 30
		Ascensio Rect. h 136.58.30	
		Dist. a Polo Bor. 72.40.05	
Die Jovis, Nov. 22.			
16. 24. 36	16. 19. 30	Canceri sequens ad π transit	35. 21. 30
33. 06	16. 28. 00	Saturnus transit — — —	34. 6. 50
46. 27	16. 41. 21	Telescopica dicta transit — — —	33. 45. 10
17. 16. 51	17. 11. 45	Austrina Colli Leonis transit	33. 18. 30
		Ascensio Rect. h 136.55.45	
		Dist. a Polo Bor. 72.39.00	

Die Solis

Temp. per Horolog.	Tempora correcta.	Die Solis, Decembris 30. 1711.	Distantia a Vertice.
11. 9. 43	10. 52. 42	Lucidus pes Π γ transit	34. 51. 30
13. 29. 25	13. 12. 24	Canceri præced ad $\circ$ transit	35. 4. 00
13. 49. 01	13. 32. 00	Saturnus transit	33. 30. 00
14. 39. 50	14. 22. 49	Lucida Colli Leonis transit	33. 18. 40
		Ascensio Rect. h 135.10.00	
		Dist. a Polo Bor. 72. 2. 5	

A N N O MDCCXII.

Die Saturni, Januarij 12.

11. 39. 52	11. 33. 06	Ad caudam Canceri ζ transit	32. 59. 10
12. 40. 46	12. 34. 00	Saturnus transit	33. 12. 00
12. 43. 16	12. 36. 30	Canceri sequens ad π transit	35. 22. 20
13. 36. 44	13. 29. 58	Cor Leonis transit	38. 6. 55
		Ascensio Rect. h 134.12.00	
		Dist. a Polo Bor. 71.41.00	

Die Saturni, Jan. 19.

11. 45. 31	11. 36. 55	Acellus Austrinus transit	32. 17. 10
11. 58. 14	49. 38	Austrina ad $\circ$ Canceri transit	35. 3. 50
12. 11. 36	12. 3. 00	Saturnus transit	33. 2. 5
12. 20. 00	11. 24	Telescopica b transit	32. 33. 20
		Ascensio Rect. h 133.37.00	
		Dist. a Polo Bor. 71.34.10	

Die Solis, Jan. 27.

10. 57. 50	11. 4. 31	Mellus Austrinus transit	32. 17. 10
11. 10. 54	11. 17. 35	Borea ad $\circ$ Canceri transit	34. 48. 10
11. 21. 19	12. 28. 00	Saturnus transit	32. 50. 20
11. 32. 20	39. 01	Telescopica b transit	32. 33. 25
		Ascensio Rect. h 132.58.00	
		Dist. a Polo Bor. 71.22.20	

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Temp. per Horolog.	Tempora correcta.	Die Luna, Martii 31. 1712.	Distantia a Vertice.
7. 8. 46	7. 7. 41	Acellus Austrinus transiit	32. 16. 50
7. 20. 35	7. 19. 30	Saturnus transiit	32. 03. 30
7. 36. 50	7. 35. 45	Canceri præced. ad π transiit	35. 19. 10
7. 39. 36	7. 38. 31	Sequens ad π transiit	35. 21. 20
8. 31. 51	8. 30. 46	Austrina colli Leonis transiit	33. 18. 40
		Ascensio recta h 130.02.00	
		Dist. a Polo Bor. 70.35.30	
Die Veneris, Novemb. 7.			
18. 17. 13	18. 22. 00	Saturnus transiit	37. 57. 30
18. 26. 13	18. 31. 00	Leonis 40 <i>Catal. Brit.</i> transiit	41. 14. 10
18. 28. 35	18. 33. 22	Ejusdem 41 transiit	40. 15. 20
		Ascensio Rect. h 150.15.30	
		Dist. a Polo Bor. 76.29.40	
Die Luna, Nov. 17.			
17. 33. 19	17. 34. 59	Cor Leonis transiit	38. 7. 20
17. 42. 20	17. 44. 00	Saturnus transiit	38. 00. 50
17. 57. 48	17. 59. 28	In Axilla Leonis ϵ transiit	40. 41. 45
18. 14. 19	18. 15. 59	In ventre Leonis ι transiit	39. 24. 50
		Ascensio Rect. h 150.31.00	
		Dist. a Polo Bor. 76.33.00	

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Observationes J O V I S.

Anno MDCCXI.

Tempus per Horolog.	Tempora correcta.	Die Saturni, Maij 26. 1711.	Distantia a Vertice.
12. 44. 28	12. 39. 44	Serpentarij 58 Cat.Br. transiit	76. 12. 00
52. 40	47. 56	Sagittarij Nebulosæ a transiit	75. 39. 20
13. 8. 44	13. 4. 00	Jupiter transiit ———	74. 37. 00
15. 43	10. 59	Sagittarij 11 transiit ———	72. 5. 20
Ascensio Rect. ♄ 270.19.00			
Dist. a Polo Bor. 113.11.50			
Die Solis, Maij. 27.			
10. 47. 24	10. 43. 2	Media frontis m, s transiit ———	73. 12. 00
12. 57. 46	53. 24	Telescopica e Jovem præced	75. 7. 50
13. 4. 22	13. 00. 00	Jupiter transiit ———	74. 36. 50
11. 53	7. 31	Sagittarij 11 transiit ———	72. 5. 20
Ascensio Rect. ♄ 270.11.00			
Dist. a Polo Bor. 113.11.40			
Die Solis Junij 3.			
10. 15. 41	10. 10. 45	Media frontis Scorpij transiit	73. 12. 5
12. 14. 11	12. 9. 15	Nebulosæ Sagittarij b transiit	75. 10. 20
12. 17. 09	12. 12. 13	Ejusdem Nebulosæ a transiit	75. 39. 30
12. 28. 56	12. 24. 00	Jupiter transiit ———	74. 38. 00
13. 8. 36	13. 03. 40	Sagit. in Oculo præced. transiit	74. 29. 15
Ascensio Rect. ♄ 269.15.00			
Dist. a Polo Bor. 113.12.50			

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Temp. per Horolog.	Tempora correcta.	Die Luna, June 4. 1711.	Distantia a Vertice.
10. 11. 51	10. 7. 19	Media frontis Scorpij transit	73. 12. 00
12. 10. 18	12. 5. 46	Nebulosæ Sagittarij <i>b</i> transit	75. 10. 20
12. 24. 32	12. 20. 00	Jupiter transit ———	74. 38. 10
13. 4. 45	13. 0. 13	Præced. ad Sagittarij transit	74. 29. 10
13. 5. 41	13. 1. 09	Sequens ad — transit	74. 24. 50
		Ascensio Rect. γ 269 07.00	
		Dist. a Polo Bor. 113.13.00	
Die Saturni, Junij 9.			
9. 52. 16	9. 49. 5	Media frontis Scorpij transit	73. 11. 55
11. 50. 44	11. 47. 33	Nebulosæ <i>b</i> transit ———	75. 10. 15
12. 2. 11	11. 59. 00	Jupiter transit ———	74. 38. 25
12. 45. 8	12. 41. 57	Præced. ad Sagittarij transit	74. 29. 10
		Ascensio Rect. γ 268.25.00	
		Dist. a Polo Bor. 113.13.15	
Die Solis, Junij 10.			
9. 48. 22	9. 44. 38	Media frontis Scorpij transit	73. 12. 00
11. 46. 51	11. 43. 07	Nebulosæ <i>b</i> transit — —	75. 10. 15
11. 57. 44	11. 54. 0	Jupiter transit ———	74. 38. 35
12. 41. 14	12. 37. 30	Præcedens ad Sagitt. transit	74. 29. 15
		Ascensio Rect. γ 268.16.45	
		Dist. a Polo Bor. 113.13.25	
Die Saturni, Julij 14.			
8. 58. 10	8. 50. 4	Serpentarij 48, <i>C</i> transit —	75. 7. 20
9. 10. 32	9. 2. 26	Ejusdem 54 sive <i>D</i> transit	72. 56. 00
9. 21. 6	9. 13. 00	Jupiter transit ———	74. 37. 50
9. 40. 49	9. 32. 43	Sagittarij in arcu μ transit	72. 31. 30
		Ascensio Rect. γ 264.12.30	
		Dist. a Polo Bor. 113.12.40	

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Temp. per Horolog.	Tempora correcta.	Die Solis, Julij 15. 1711.	Distantia a Vertice
8. 54. 8	8. 46. 24	Serpentarij C transit	75. 7. 20
9. 6. 23	8. 58. 44	Serpentarij D transit	72. 56. 00
9. 16. 44	9. 9. 00	Jupiter transit	74. 37. 50
9. 36. 46	9. 29. 2	Sagittarij μ transit	72. 31. 35
		Ascensio Rect. γ 264.07.45	
		Dist. a Polo Bor. 113.12.40	
A N N O MDCCXII.			
Die Jovis, Julij 3.			
12. 36. 3	12. 25. 14	Capric. sub Oculo σ transit	71. 24. 40
12. 44. 6	12. 33. 17	Capric. in rostro π transit	70. 33. 00
12. 45. 42	12. 34. 53	Capricorni ϵ transit	70. 09. 50
12. 57. 49	12. 47. 00	Jupiter transit	71. 26. 20
13. 16. 24	13. 5. 35	Capric. 20 Catal. Brit. trans.	71. 33. 10
		Ascensio Rect. γ 306.09.20	
		Dist. a Polo Bor. 110. 0. 30	
Die Martis, Julij 15.			
11. 39. 34	11. 39. 33	Capricorni σ transit	71. 24. 45
55. 1	11. 55. 00	Jupiter transit	71. 49. 20
12. 19. 53	12. 19. 52	Capricorni 20 transit	71. 33. 10
24. 38	12. 24. 37	ν ni in medio corpore π t	72. 23. 25
		Ascensio Rect. γ 304.34.35	
		Dist. a Polo Bor. 110.23.30	
Die Mercurij, Sept. 17.			
7. 32. 37	7. 31. 56	Telefc. Jovem pced. trans.	72. 49. 40
7. 38. 41	7. 38. 00	Jupiter transit	72. 51. 10
7. 42. 28	7. 41. 37	Telefc. Jovem sequens trans.	73. 14. 40
		Ascensio Rect. γ 297.43.00	
		Dist. a Polo Bor. 111.25.30	

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Temp. per Horolog.	Tempora correcta.	Die Veneris, Septembris 19. 1712.	Distantia a Vertice.
7.30.55	7.32.00	Jupiter transit — — —	72.59.45
8.19.47	8.20.52	Capricorni " transit — — —	72.23.40
		Ascensio Rect. γ 299.45.00	
		Dist. a Polo Bor. 111.25.05	
Die Lunæ, Octobris 6.			
6.25.35	6.31.30	Jupiter transit — — —	72.39.50
6.36.22	6.42.17	Capricorni in rostro " trans.	70.56.25
6.46.36	6.52.31	Capricorni in Cercice " trans.	70.33.30
		Ascensio Rect. γ 300.39.00	
		Dist. a Polo Bor. 111.14.10	
Observationes MARTIS.			
Anno MDCCXI.			
Die Solis Jan. 7.			
12.40.35	12.38.56	Canceri Aust. ad " transit — —	35.04.00
12.40.56	12.39.17	Canceri Bor. ad " transit — —	34.48.00
12.58.45	12.57.06	Canceri sequens ad " transit — —	35.21.20
13.27.15	13.25.36	Leonis " transit — — —	36.08.50
13.50.52	13.49.13	Austrina Colli Leonis " trans.	33.19.00
14.00.39	13.59.00	Mars transit — — —	34.51.30
14.30.14	14.28.35	Boreæ Ventris α , " transit — —	35.45.40
		Ascensio Rect. δ 150.20.00	
		Dist. a Polo Bor. 73.23.35	
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Temp. per Horolog.	Tempora correcta.	Die Saturni, Januarij 27. 1711.	Distantia a Vertice.
10. 40. 59	10. 41. 30	Canceri 20, prima ad d transit	32. 14. 10
10. 50. 16	10. 50. 47	Canceri " transit ———	30. 4. 35
12. 8. 29	12. 9. 00	Mars transit ———	32. 14. 00
12. 25. 27	12. 25. 58	Austrina colli Leonis " trans.	33. 19. 00
12. 37. 59	12. 38. 30	Lucida celli Leonis γ transit	30. 11. 50
		Ascensio recta δ 143.37.00	
		Dist. a Polo Bor. 70.36.00	
Die Lunæ, Januarij 29.			
12. 1. 50	11. 59. 00	Mars transit ———	31. 58. 50
12. 21. 58	12. 19. 08	Leonis " transit ———	33. 19. 05
12. 34. 31	12. 31. 41	Lucida colli Leonis γ transit	30. 11. 50
		Ascensio Rect. δ 142.49.30	
		Dist. a Polo Bor. 70.30.50	
Die Martis, Jan. 30.			
10. 33. 30	10. 30. 25	Canceri 20, prima ad d trans.	32. 14. 10
10. 42. 35	10. 39. 30	Canceri " transit ———	30. 4. 45
11. 56. 5	11. 53. 00	Mars transit ———	31. 51. 35
12. 17. 49	12. 14. 44	Leonis " transit ———	33. 19. 5
12. 30. 20	12. 27. 15	Leonis γ transit ———	30. 11. 50
		Ascensio Rect. δ 142.25.00	
		Dist. a Polo Bor. 70.23.35	
Die Mercurij, Feb. 28.			
8. 27. 11	8. 23. 58	In pede Bor. Canceri μ trans.	29. 5. 40
9. 2. 50	8. 59. 37	Asellus Boreus γ transit —	29. 00. 20
9. 31. 13	9. 28. 00	Mars transit ———	30. 5. 10
10. 27. 28	10. 24. 15	Leonis " transit ———	33. 19. 55
10. 39. 39	10. 36. 26	Leonis γ transit ———	30. 12. 5
		Ascensio Rect. δ 133.45.00	
		Dist. a Polo Bor. 68.37.10	

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Temp. per Horolog.	Tempora correcta.	Die Jovis, Martij 1. 1711.	Distantia a Vertice.
8. 22. 47	8. 19. 27	Canceri μ transit ———	29. 5. 35
8. 58. 28	8. 55. 8	Asellus boreus transit ———	29. 00. 15
9. 26. 20	9. 23. 00	Mars transit ———	30. 6. 20
10. 23. 04	10. 19. 44	Leonis γ transit ———	33. 19. 50
10. 35. 36	10. 32. 16	Lucida colli Leonis transf. —	30. 12. 00
		Ascensio Rect. δ 133.37.30	
		Dist. a Polo Bor. 68.38.20	

A N N O MDCCXII.

Die Lunæ, Novemb. 17.

18. 21. 7	18. 19. 52	Leonis ζ Catal. Brit. transf.	43. 45. 40
18. 25. 53	18. 24. 38	Sub Ventre Leonis ϵ transf.	43. 49. 40
18. 30. 14	18. 28. 59	Leonis χ transit ———	42. 35. 10
18. 43. 15	18. 42. 00	Mars transit ———	43. 7. 25
		Ascensio Rect. δ 165.48.00	
		Dist. a Polo Bor. 81.39.45	

Die Jovis, Novemb. 20.

18. 13. 8	18. 6. 40	Leonis ζ transit ———	43. 45. 40
18. 17. 53	18. 11. 25	Leonis ζ , ϵ transit ———	43. 49. 50
18. 22. 14	18. 15. 46	Leonis χ transit ———	42. 35. 15
18. 38. 18	18. 31. 50	In Poplite Leonis σ transit	43. 52. 10
18. 40. 28	18. 34. 00	Mars transit ———	43. 36. 55
		Ascensio Rect. δ 167. 6.30	
		Dist. a Polo Bor. 82. 9.15	

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*Observationes SOLIS.**Anno MDCCXI.*

Die Saturni, Januarij 6.	Distantia
Solis centro per planum Arcus Meridionalis	a Vertice
transfunte, limbus ejus remotus & Austrinus	72. 30. 10
databat a Vertice	
Die Veneris, Januarij 26.	
is Meridiani limbus proximus a Vertice	66. 38. 10
Die Martis, Januarij 30.	
is limbus proximus a Vertice	65. 38. 40
Die Luna, Junij 4.	
Solis limbus remotus, &c	28. 34. 18
Die Saturni, Julij 14.	
Solis limbus remotus	31. 55. 20
Die Martis, Novembris 20.	
Solis limbus remotus	73. 30. 40
Die Martis, Decembris 4.	
Solis limbus remotus a Vertice	74. 59. 30

Anno MDCCXII.

Die Mercurij, Januarij 2.	
Solis limbus remotus a Vertice	73. 17. 30
Die Saturni, Januarij 12.	
Solis limbus remotus	71. 18. 00
Die Veneris, Martij 7.	
Solis limbus remotus	52. 31. 00
Die Veneris, Maij 9.	
Solis limbus remotus	31. 40. 50
Die Martis, Octobris 7.	
Solis limbus remotus a Vertice	61. 29. 50

Obsco.

Observationes LUNÆ.

Anno MDCCXI.

Temp. per Horolog.	Tempora correcta.	Die Saturni. Maij 19. 1711.	Distantia a Vertice
10. 22. 12	10. 18. 32	Scorpij γ sive Libræ 15 tran.	75. 32. 50
10. 50. 55	10. 47. 15	» Limbus tran. centro a Vert.	75. 38. 40
10. 52. 10	10. 48. 30	» centrum transit, proximo	75. 22. 00
11. 8. 30	11. 4. 50	Scorpij δ transit ———	76. 15. 20
11. 11. 10	11. 7. 30	Scorpij A transit ———	75. 50. 55
		Ascensio Rect. » 229. 18. 30	
		Dist. a Polo Bor. 114. 13. 40	
Die Lunæ, Novemb. 19.			
16. 41. 28	16. 36. 8	Lunæ centrum tranf. remoto	37. 6. 30
17. 42. 16	16. 36. 56	Lunæ limbus transit, centro	36. 52. 30
16. 46. 20	16. 41. 00	Saturnus transit ———	34. 8. 00
16. 59. 31	16. 54. 11	Stella Telescopica α transit	33. 45. 30
17. 29. 53	17. 24. 33	aust. Colli Leonis » transf.	33. 18. 30
		Ascensio Rect. » 135 41. 40	
		Dist. a Polo Bor. 75. 23. 20	

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A N N O MDCCXII.			
Temp. per Horolog.	Tempora correcta.	Die Saturni, Januarij 12. 1712.	Distantia a Vertice.
7. 40. 50	7. 34. 00	Medium Eclipsis Lunariss, quo tempore Chorda par- tis in Luna deficientis erat 24. 30 ; maximus autem defectus 8. 30 a parte Bo- rea. Lunæ Diam. 30. 48.	
11. 39. 52	11. 33. 6	Canceri ζ Bayero transit —	32. 59. 10
12. 13. 46	12. 7. 00	» centrum transit, remoto	34. 14. 10
40. 46	12. 34. 00	Saturnus transit —	33. 12. 00
43. 16	12. 36. 30	Canceri sequens ad π transit	35. 22. 20
13. 36. 44	13. 29. 58	Cor Leonis transit —	38. 6. 55
		Ascensio Rect. $\gg$ 127.25.30	
		Dist. a Polo Bor. 72 31.00	
Die Jovis, Martij 6.			
7. 39. 8	7. 38. 8	π 80 Catal. Brit. transit —	30. 29. 30
7. 49. 42	7. 48. 42	Geminorum 86 ι transit —	30. 51. 45
7. 54. 45	7. 53. 45	Lunæ limbus transit, cen- re	30. 50. 40
7. 55. 48	7. 54. 48	» centrum transit, proxima	30. 35. 30
8. 1. 41	8. 0. 41	Nona Canceri μ transit —	29. 4. 45
		Ascensio Rect. $\gg$ 116.14.40	
		Dist. a Polo Bor. 69.22.50	
Die Mercurij, Maij 7.			
9. 47. 38	9. 46. 2	Virginis 70 Catal. Brit. transit	66. 9. 50
9. 48. 18	9. 47. 12	Virginis 71 transit —	55. 45. 30
9. 52. 51	9. 51. 15	Ejusdem 75 transit —	68. 7. 30
10. 9. 36	10. 8. 00	Lunæ limbus trans. centro	69. 12. 30
10. 10. 43	10. 9. 7	Lunæ centrum trans. remoto	69. 28. 35
		Ascensio Rect. $\gg$ 208. 4.30	
		Dist. a Polo Bor. 107.45.50	

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Temp. per Horolog.	Tempora correcta.	Die Jovis, Maij 8. 1712.	Distantia a Vertice.
10. 52. 2	10. 50. 00	Libræ 8 <i>Catal. Brit.</i> transit	74. 51. 50
11. 1. 35	10. 59. 33	Scorpij γ five Libræ 15 tran.	75. 32. 30
11. 8. 2	11. 6. 00	Lunæ limbus transit, centro	73. 42. 30
11. 09. 16	11. 7. 14	Lunæ centrum trans. remoto	73. 58. 20
11. 50. 33	11. 48. 31	Scorpij A transit ———	75. 51. 10
11. 57. 34	11. 55. 32	Media frontis m & transit —	73. 12. 10
		Ascensio recta γ 223.45.00	
		Dist. a Polo Bor. 112.16.10	
Die Saturni, Maij 10.			
12. 18. 05	12. 16. 30	Cor Scorpij <i>Antares</i> transit	77. 10. 00
13. 3. 48	13. 2. 13	Serpentarij A transit ———	77. 32. 50
13. 18. 13	13. 16. 38	Lunæ centrum trans. remoto	78. 1. 30
13. 19. 30	13. 17. 55	Lunæ limbus transit, centro	77. 46. 05
13. 35. 25	13. 33. 50	Prima Sagittarij p transit —	79. 4. 20
14. 16. 8	14. 14. 33	Sagittarij λ transit ———	76. 57. 00
		Ascensio Rect. γ 258.03.20	
		Dist. a Polo Bor. 116.20.15	

In Exemplari Observationum Anni 1712, a *D. Flamsteed* ad Regiam Societatem misso, Observatoris nomen in titulo erasum esse videtur; & ipso sic præcipiente, ad calcem subscripta sunt hæc verba.

Obs. & Transcripsit Jos. Crosthwaite.

VII. De Legionibus *Epistola, ad Virum Clarissimum Doctissimumque Hans Sloane, M. D. Regiae Societatis a Secretis, Coll. Medd. Lond. Sodalem, et Medicum Regium; data, a Guil. Musgrave, M. D.*

POST tot tantoque Auctores, qui de re militari *Romanorum*, et in ea de Legionibus scripserunt, et quidem enucleate, supervacaneum existimari potest et actum agi, siquid amplius hujusmodi tentaretur: Cum vero in componendo, ad *Julij Vitalis*, *Vicesimani Epitaphium*, *Commentario*, *Legionum Historiam* inspicere, necesse habuerim; et in *Lipso*, *Savilio*, *Salmasio*, *Robertello*, *Rosino* (ne dicam alios, eruditione et doctrina claros) hanc ob causam excutiendis, alia non satis explicata, alia minus sana et auxilium postulantia, tradi repererim; in animum venit, Animadversa nostra chartae mandare, et, uti Studiorum et Vitae ratio occupatae sineret, in unum colligere. Habes igitur, Vir doctissime, quod in hoc genere lucubravi, de *Legionibus* Spicilegium, *Julij Vitalis* ergo collectum; Tibi vero, tanquam amoris et observantiae in *Ferme* monumentum, tanquam optimo eorum et *Judici* et *Patrono*, cui omne *Literarum* genus est in pretio, inscriptum. Hisce praefatis, sine mora rem aggredior.

LEGIO res, et vox *Romana* est, a legendo milites in dilectu (1) sumta. *Legionum* ante *Augustum Caesarem*, alius omnino status ac conditio fuit, atque post illum Imperatorem: sive earum *Numerum*, sive militum in earum singulis contentorum (de his duobus verba praecipue facturus sum) animo contemlemur.

ANTE

(1) Varro de L. L. Lib. IV.

ANTE *Augustum* illae Ducum erant notae in gerenda repub. eximiae virorum, et ab iis, a quibus seu dictae, sive rectae fuerunt, aliquando *Nomina* cepere. *Legiones* a *Valerio Flacco* conscriptae, ab eo dictae sunt (2) *Valerianae*; sed cum iisdem imperitavit *Fimbria*, dictae sunt ab eo (3) *Fimbrianae*.

MILITUM in *Legione* numerus stante Repub. dubius, alias major, alias minor fuit; sed qui, maxima ex parte, gradatim auctus: Ita vero, ut plerumque minor, quam sub Imperatoribus inveniretur. *Romuli* prima *Legio* Peditum tria millia, secundum *Varronem*, est complexa, [*Milites* (4), ait, quod trium millium primo *Legio* fiebat.] *Plutarchus* (5) hisce trecentos Equites adjecit. Postea pro usu Reipub. et Senatus arbitrio, ad quatuor (6) millia, ad quingentos (7) supra quatuor millia, ad quina (8) millia et ducentos Pedites, ad sena Peditum millia, et Equites trecentos, accrevit. Id autem, quod diligenter observandum, non ex *Romanorum* more usitato, et communi usu, vel lege aliqua, sed vel ex periculo quodam imminente, (ut in *Bellis Punico* (9), *Macedonico* (10), *Mithridatico* (11),) vel Imperatoris (uti *Marii*, in Bello (12) *Jugurthino*; *Antonii*, in Bello (13) *Civili*) auctoritate, non ex Senatus decreto factum esse liquet.

HIS, de militum in *Legione* numero, sub Regibus et Reipub. initio dictis, adversari censentur ea, quae ex *Plutarcho* et *Eutropio* citantur. A *Plutarcho* (14) scriptum

M

tum

(2) *Sallustii* *Fragmenta*, et ad ea *Douzae* *Notas*. *Cantabrigiae*, MDCCX. pag. 73. (3) Pag. 74. (4) *Varro* de L. L. Lib. IV. (5) In *Romulo*. (6) *Livii* Lib. VI. Cap. XXII. (7) Lib. VII. Cap. XXV. (8) Lib. XLII. Cap. XXXI. Cum quina millia et ducenti pedites ex veteri instituto darentur in Singulas *Legiones*. Vide ad hunc locum Doctissimi *Perizonii* notam. (9) *Livii* L. XXIX. Cap. XXV. (10) L. XLII. Cap. XXXI. (11) *Appianus* de *Bellis Civilibus*, Lib. IV. (12) *Sallustii* *Bellum Jugurthinum* § XCI. *Rosini* *Antiquitates Rom.* Lib. X. Cap. IV. (13) *Appianus* *Alex. de Bellis Civilibus*, L. V. (14) In *Romulo*.

tum est Διπλασιαθείσης ἢ τῆς πόλεως, ἐκείνῳ μὲν ἐκ Σαβίνων
 πλεῖστοι προσκαλεσθέντες, αἱ δὲ λεγεῖστές ἐγένοντο, τελευ-
 τῶν ἐξ ἐκείνων, ἱππέων δὲ ἑξακισίων. Id est, Civitate jam
 in duplam aucta, Sabinis ea donatis, ex iis alios centum
 Patricios eligebant: Legiones autem fiebant Peditum sex
 millium, Equitum vero sexcentorum. Quae utique verba
 notas Stenechio, Savilio, Rosino, Panvinio, Sigonio fa-
 cientia, ex Dionys. (15) Halicarnassensi optime nostra qui-
 dem opinione sic explicantur. Erant Romulo, post odio-
 sam illam cum Remo fratre pugnam, e veteribus colonis,
 qui cum eo Romam condidere; quasi tria Peditum millia,
 pauciores quam trecenti Equites. Civitate vero duplicata,
 et cum ea similiter Patriciorum numero, duplicata etiam
 est Militia: Sic, ut Plutarchus non tam de numero mili-
 tum in una eademque Legione, quam de numero Legio-
 num aucto (pariter atque de aucta Civitate, et de nu-
 mero patriciorum aucto) itaque de militibus in iis συστάσι-
 μιν, intelligi mereatur. Quae quidem ejus significatio,
 illorum temporum mori cum primis convenit: Certissi-
 mum enim est (imo quidem, ipso tradente Plutarcho (16),
 certissimum) Legionem a Romulo, quod ante dixi, insti-
 tutam, Peditum fuisse trium millium, Equitum trecento-
 rum. Unum errasse videtur Historicus, in re militari non
 nimis accuratus, quod primas Romuli Legiones Συστά-
 σεις τεταπόλεις, referat in plurali numero; quando
 diligentissimus investigator antiquitatis, Varro [trium
 millium, (17) ait, primo Legio fiebat, ac singulae Tribae
 Tatiensium, Ramnium, Lucerum millia singula militum
 mittebant:] quod de unica tantummodo Legione subintel-
 legendum; et lucem isti foenerat interpretationi. Optimi
 Scriptoris

(15) Dionys. Halicarnassens. Lib. II. § 16. (16) In Romulo. Κτίθειν
 τῆς πόλεως πλεῖστον μὲν ὅταν ᾖ ἐν ἑαυτῇ πόλιν, αἱ δὲ συνδραμασθέντες
 διπλαῖ. Ἰθαυτὸς αὐτὴν καὶ αἱ ἄλλαι τοιαύτην ᾖ, καὶ τοιαύτων ἱππέων.
 (17) Varro de Lingua Lat. Lib. 4. 3.