

A P P E N D I X.

No. V.

C A T A L O G U E

OF

T H E P L A C E S O F 1439 S T A R S,

REFERRED TO THE 1st OF JANUARY 1840;

DEDUCED FROM THE OBSERVATIONS

MADE AT

T H E R O Y A L O B S E R V A T O R Y, G R E E N W I C H,

FROM 1836, JANUARY 1, TO 1841, DECEMBER 31.

B

GREENWICH CATALOGUE OF 1439 STARS,

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1	2	21 ANDROMEDÆ, α.	3297	12	1	3215	997	XXIII. 291	2881	..	1112	560	726	..	..
2	2.3	11 Cassiopeiæ, β.	3300	3	406	3216	..	XXIII. 283	2	4240	1	1	1	..	..
3	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
4	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
5	6	34 Piscium.	3302	....	..	3219	..	XXIII. 287	7	..	..	..	..	..	..
6	3.2	88 PEGASI, γ.	3305	37	1084	1	1	O. 9	13	..	3	3	2	..	..
7	6	35 Piscium (1st star).	3309	....	..	5	2	O. 16	16	..	..	..	..	..	..
8	..	35 Piscium (2nd star). ....	..	....	..	..	..	....	..	..	..	..	..	..	..
9	..	.....	..	....	..	..	..	....	..	35	..	..	..	..	..
10	3.4	8 CETI, ι.	9	8	504	14	..	O. 42	20	..	5	..	..	3	..
11	6.5	41 Piscium, d.	11	11	1175	16	6	O. 45	23	..	6	..	..	..	..
12	..	.....	..	....	..	..	..	....	..	57	..	..	..	..	..
13	6	12 Cassiopeiæ.	15	....	437	21	..	O. 58	..	60	..	..	..	..	11
14	..	.....	..	....	..	24	..	....	..	..	..	..	..	..	..
15	..	44 Piscium.	18	....	..	25	8	O. 64	28	..	..	..	5	..	..
16	..	.....	..	....	..	28	..	....	..	..	..	..	..	..	..
17	..	10 Ceti.	21	....	..	29	9	O. 70	32	..	..	..	6	..	..
18	..	.....	..	....	..	34	..	....	..	..	..	..	..	..	..
19	..	.....	..	....	..	..	..	O. 93	..	74	..	..	..	..	..
20	..	.....	..	....	..	..	..	....	..	80	..	..	..	..	..
21	4.5	15 Cassiopeiæ, κ.	33	5	414	43	..	O. 99	41	85	8	8	8	..	..
22	4	17 Cassiopeiæ, ζ.	41	9	411	52	..	O. 123	52	102	9	..	..	..	..
23	4	29 Andromedæ, π.	43	19	5	53	..	O. 125	53	..	10	..	..	..	..
24	6	.....	..	....	..	..	..	O. 130	55	..	..	..	..	..	..
25	4	30 Andromedæ, ε.	48	20	6	56	..	O. 134	58	..	11	13	..	..	..
26	3.4	31 Andromedæ, δ.	50	21	4	57	..	O. 136	59	..	12	..	..	..	..
27	Var.	18 Cassiopeiæ, α.	52	10	407	59	..	O. 139	60	117	13	15	11	..	..
28	2	16 CETI, β.	62	9	505	70	..	O. 159	67	..	15	17	12	14	..
29	4.5	58 Piscium.	69	....	..	76	..	O. 179	74	..	..	..	..	..	..
30	4	34 Andromedæ, ζ.	71	25	15	78	..	O. 182	76	..	17	..	..	..	..
31	4.3	24 Cassiopeiæ, η.	68	17	412	79	..	O. 185	78	146	18	19	..	..	..
32	6	.....	..	....	..	..	20	O. 189	79	..	..	..	13	..	..
33	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
34	6	.....	..	....	..	74	..	....	..	..	..	..	..	..	..
35	4.5	63 Piscium, δ.	77	13	1177	85	22	O. 192	81	..	19	..	14	..	..
36	4.5	35 Andromedæ, ν.	79	26	17	87	..	O. 194	83	152	20	..	..	..	..
37	6	.....	..	....	..	82	..	....	..	..	..	..	..	..	..
38	6	.....	..	18 Cass.	439	90	..	O. 209	..	158	..	..	..	..	49
39	5.6	20 Ceti.	86	....	..	93	24	O. 213	86	..	21	..	15	17	..
40	2	27 Cassiopeiæ, γ.	88	19	408	99	..	O. 225	89	181	22	..	16	..	..

2. Proper motion (from Argelander) in R.A. = + 0^h 065.

 " " " in N.P.D. = + 0^h 192.

14. This star is estimated as being of the 9th magnitude, by the Circle observer.

24. Proper motion (from Baily) in R.A. = + 0^h 103.

27. Note by Mr. Glaisher. 1840, March 16. This star must be at about its maximum of brightness: it is very much brighter than α Andromedæ, and exhibits in the telescope a system of rings.

GREENWICH OBSERVATIONS, 1842.—APPENDIX.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A., January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1838	100	^h 0. 0. 7 ^m 71 ^s	+ 3 ^s 071	1839	60	^o 61. 47. 34 ["] 95	-20 ["] 056	21 ANDROMEDÆ, α.	1
1837	5	0. 0. 40 ^m 87 ^s	3 ^s 124	1837	98	31. 43. 58 ["] 62	20 ["] 056	11 Cassiopeiæ, β.	2
1840	5	0. 0. 53 ^m 79 ^s	3 ^s 076	1840	2	40. 5. 1 ["] 75	20 ["] 056	.....	3
..	..	0. 1. (0)	...	1841	1	40. 3. 41 ["] 48	20 ["] 056	.....	4
1840	6	0. 1. 48 ^m 99 ^s	3 ^s 072	1840	5	79. 44. 42 ["] 48	20 ["] 055	34 Piscium.	5
1838	100	0. 5. 0 ^m 14 ^s	3 ^s 078	1839	50	75. 42. 22 ["] 55	20 ["] 051	88 PEGASI, γ.	6
1840	6	0. 6. 44 ^m 57 ^s	3 ^s 075	1840	4	82. 4. 5 ["] 16	20 ["] 047	35 Piscium (1st star).	7
..	..	0. 6. (40)	...	1840	3	82. 4. 15 ["] 24	20 ["] 047	35 Piscium (2nd star).	8
1840	5	0. 9. 15 ^m 98 ^s	3 ^s 136	1840	5	39. 27. 21 ["] 81	20 ["] 039	.....	9
1838	5	0. 11. 16 ^m 32 ^s	3 ^s 057	1838	10	99. 42. 41 ["] 77	20 ["] 032	8 CETI, ι.	10
1840	7	0. 12. 21 ^m 99 ^s	3 ^s 079	1840	6	82. 41. 56 ["] 28	20 ["] 026	41 Piscium, d.	11
..	..	0. 15. (40)	...	1840	10	46. 37. 22 ["] 07	20 ["] 009	.....	12
1836	2	0. 16. 0 ^m 56 ^s	3 ^s 233	1836	10	29. 3. 22 ["] 74	20 ["] 008	12 Cassiopeiæ.	13
1839	5	0. 17. 2 ^m 52 ^s	3 ^s 587	1838	12	10. 50. 5 ["] 27	20 ["] 001	.....	14
1837	4	0. 17. 12 ^m 15 ^s	3 ^s 070	1836	8	88. 56. 48 ["] 50	20 ["] 000	44 Piscium.	15
1840	5	0. 17. 55 ^m 98 ^s	3 ^s 224	1840	7	34. 14. 44 ["] 18	19 ["] 994	.....	16
1837	5	0. 18. 25 ^m 01 ^s	3 ^s 066	1837	10	90. 56. 11 ["] 94	19 ["] 992	10 Ceti.	17
1840	5	0. 20. 46 ^m 87 ^s	3 ^s 562	1840	7	13. 51. 51 ["] 83	19 ["] 973	.....	18
1840	5	0. 22. 37 ^m 24 ^s	3 ^s 193	1840	8	46. 56. 16 ["] 62	19 ["] 958	.....	19
1839	2	0. 23. 25 ^m 47 ^s	3 ^s 250	1839	10	37. 4. 8 ["] 49	19 ["] 952	.....	20
1837	5	0. 23. 57 ^m 33 ^s	3 ^s 324	1838	46	27. 57. 7 ["] 67	19 ["] 946	15 Cassiopeiæ, κ.	21
..	..	0. 28. (10)	...	1840	4	36. 59. 4 ["] 58	19 ["] 904	17 Cassiopeiæ, ζ.	22
..	..	0. 28. (20)	...	1838	4	57. 9. 45 ["] 04	19 ["] 902	29 Andromedæ, π.	23
1838	10	0. 29. 7 ^m 17 ^s	2 ^s 989	1839	6	115. 38. 56 ["] 17	19 ["] 895	.....	24
..	..	0. 30. (10)	...	1838	2	61. 33. 27 ["] 57	19 ["] 883	30 Andromedæ, ε.	25
..	..	0. 30. (50)	...	1839	3	60. 0. 56 ["] 14	19 ["] 874	31 Andromedæ, δ.	26
1839	73	0. 31. 28 ^m 07 ^s	3 ^s 339	1838	169	34. 20. 27 ["] 94	19 ["] 867	18 Cassiopeiæ, α.	27
1838	81	0. 35. 33 ^m 23 ^s	3 ^s 000	1839	37	108. 51. 58 ["] 04	19 ["] 814	16 CETI, β.	28
1840	5	0. 38. 40 ^m 99 ^s	3 ^s 114	1840	3	78. 54. 0 ["] 00	19 ["] 766	58 Piscium.	29
..	..	0. 38. (50)	...	1838	8	66. 36. 16 ["] 32	19 ["] 768	34 Andromedæ, ζ.	30
..	..	0. 39. (30)	...	1837	46	33. 2. 6 ["] 15	19 ["] 758	24 Cassiopeiæ, γ.	31
1838	4	0. 39. 59 ^m 68 ^s	3 ^s 086	1838	6	85. 32. 36 ["] 22	19 ["] 754	.....	32
1841	6	0. 40. 16 ^m 98 ^s	3 ^s 217	1841	5	57. 56. 55 ["] 72	19 ["] 748	.....	33
1839	5	0. 40. 21 ^m 97 ^s	4 ^s 932	1838	9	7. 9. 49 ["] 72	19 ["] 748	.....	34
1839	13	0. 40. 23 ^m 10 ^s	3 ^s 097	1838	8	83. 17. 13 ["] 35	19 ["] 746	63 Piscium, δ.	35
1840	5	0. 41. 0 ^m 64 ^s	3 ^s 271	1840	11	49. 47. 36 ["] 75	19 ["] 736	35 Andromedæ, ν.	36
1838	5	0. 41. 4 ^m 77 ^s	3 ^s 542	1838	9	26. 37. 30 ["] 53	19 ["] 736	.....	37
1836	2	0. 43. 34 ^m 37 ^s	3 ^s 507	1836	10	29. 45. 17 ["] 10	19 ["] 698	.....	38
1836	2	0. 44. 49 ^m 91 ^s	+ 3 ^s 059	1836	2	92. 0. 51 ["] 97	19 ["] 675	20 Ceti.	39
..	..	0. 46. (50)	...	1838	18	30. 9. 4 ["] 23	-19 ["] 633	27 Cassiopeiæ, γ.	40

31. Double; both stars being in the same parallel and differing about 1^s in R.A. Proper motion in N.P.D. (from Argelander) = + 0["] 495.

32. Proper motion (from Bailey) in R.A. + 0["] 056, and in N.P.D. + 1["] 25.

33. Of about the 8th magnitude.

37. Of about the 6th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3100 Stars.
41	4	37 Andromedæ, μ	93	28	18	101	..	O. 232	94	..	24	22	..	..	..
42	4.5	2 Ursæ Minoris	65	43 Cephei	486	92	..	O. 220	91	177	23	..	..	..	..
43	..	.....	..	..	..	..	..	....	..	..	..	..	..	..	..
44	..	.....	..	..	..	..	..	....	..	..	..	..	..	..	..
45	..	.....	..	..	..	..	..	....	..	..	..	..	..	..	..
46	5.4	App. Sculptoris, α .....	..	....	..	..	..	O. 250	100	..	26	..	..	18	..
47	6	39 Andromedæ	98	30	36	108	..	O. 259	..	222	..	..	..	..	62
48	4	71 Piscium, ϵ	101	19	1178	113	31	O. 264	103	..	27	..	17	..	..
49	..	.....	..	....	..	..	..	....	..	232	..	..	..	..	..
50	6	30 Cassiopeiæ, μ	104	21	424	118	..	O. 277	..	237	..	23	..	..	67
51	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
52	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
53	6.5	80 Piscium, e	124	22	1180	136	36	O. 299	116	..	29	26	20	..	..
54	4.5	42 Andromedæ, ϕ	118	32	21	134	..	O. 298	117	252	30	..	..	..	..
55	2.3	43 Andromedæ, β	123	33	2	140	..	O. 301	119	..	32	28	..	..	..
56	6.5	.....	..	....	..	138	..	....	..	..	..	..	..	..	..
57	4.5	33 Cassiopeiæ, θ	125	23	425	142	..	O. 307	121	257	33	29	..	..	..
58	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
59	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
60	..	1 Ursæ Minoris, α (1st star)	80	12	1526	102	..	O. 263	115	235	28	..	19	..	45
61	2	1 URSE MINORIS, α .....	..	....	..	..	..	....	..	..	..	..	..	..	..
62	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
63	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
64	6	37 Ceti	147	14	544	164	..	I. 24	134	..	..	32	..	..	91
65	..	40 Ceti	153	....	..	168	..	I. 33	138	..	..	35	..	..	..
66	..	.....	..	....	..	163	..	....	..	283	..	..	..	..	..
67	..	.....	..	....	..	..	..	I. 35	..	287	..	..	..	..	..
68	5	34 Cassiopeiæ, ϕ	152	27	427	169	..	I. 37	..	289	..	..	..	..	97
69	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
70	..	.....	..	....	..	..	..	I. 56	..	..	..	..	..	..	104
71	5	36 Cassiopeiæ, ψ	160	25	441	178	..	I. 53	146	303	37	..	..	..	..
72	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
73	3	37 Cassiopeiæ, δ	161	26	409	180	..	I. 62	147	305	38	36	..	..	..
74	3	45 CETI, θ	166	15	502	184	..	I. 67	149	..	39	..	..	22	..
75	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
76	6	.....	..	....	..	..	..	I. 70	..	..	..	..	..	..	..
77	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
78	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
79	5	98 Piscium, μ	177	33	1182	199	51	I. 95	162	..	42	39	25	..	..
80	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..

41. Proper motion in R.A. (from Argelander) = + 0^h.017.

45. Of about the 9th magnitude.

50. Proper motion (from Argelander) in R. A. = + 0^h.386.

,, ,, in N.P.D. = + 1^h.551.

43. Of about the 8, 9th magnitude.

46. The letter designating this star is not Bayer's.

51. Of the 7th or 8th magnitude.

GREENWICH OBSERVATIONS, 1842.—APPENDIX.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1840	5	^h 0. 47. 53.38	+ 3.284	1840	6	^o 52. 22. 10.84	-19.621	37 Andromedæ, μ	41
1837	5	0. 48. 3.00	6.485	..	..	4. 36.	..	2 Ursæ Minoris.	42
1841	5	0. 48. 36.41	3.236	1841	5	59. 26. 4.68	19.606	.....	43
1841	1	0. 48. 38.34	3.236	..	..	59. 26. ....	..	.....	44
1841	1	0. 48. 43.47	3.236	1841	3	59. 32. 39.71	19.601	.....	45
..	..	0. 50. (50)	...	1836	18	120. 13. 23.75	19.568	App. Sculptoris, α .	46
1840	5	0. 53. 56.09	3.336	1841	7	49. 31. 0.18	19.502	39 Andromedæ.	47
1839	10	0. 54. 38.65	3.109	1839	14	82. 58. 22.17	19.488	71 Piscium, ϵ .	48
1840	5	0. 55. 37.78	3.332	1840	5	50. 52. 4.20	19.467	.....	49
1838	58	0. 57. 40.42	3.527	1838	111	35. 52. 2.68	19.427	30 Cassiopeia, μ .	50
1840	5	0. 59. 0.77	3.340	1841	6	51. 36. 13.39	19.395	.....	51
1840	5	1. 0. 7.87	3.885	1840	6	23. 4. 33.30	19.368	.....	52
1836	4	1. 0. 8.00	3.097	1836	2	85. 11. 52.60	19.375	80 Piscium, e .	53
1840	6	1. 0. 14.76	3.434	1841	7	43. 36. 47.76	19.368	42 Andromedæ, ϕ .	54
1838	9	1. 0. 47.55	3.314	1838	27	55. 13. 46.28	19.353	43 Andromedæ, β .	55
1841	5	1. 1. 9.22	3.772	1840	6	26. 39. 2.15	19.345	.....	56
1838	51	1. 1. 24.05	3.555	1838	96	35. 42. 11.70	19.342	33 Cassiopeia, θ .	57
1840	2	1. 1. 27.33	3.351	1841	1	51. 34. 17.52	19.338	.....	58
..	..	1. 1. (30)	...	1840	1	51. 36. 41.08	19.338	.....	59
..	..	1. 1. (40)	...	1841	1	1. 32. 49.01	19.320	1 Ursæ Minoris, α (1st star).	60
1838	524	1. 2. 10.93	16.501	1838	608	1. 32. 37.80	19.319	1 URSAE MINORIS, α .	61
1840	5	1. 4. 8.36	3.361	1841	3	51. 46. 47.45	19.274	.....	62
1840	5	1. 5. 39.94	3.372	1841	5	51. 23. 46.48	19.237	.....	63
..	..	1. 6. (20)	...	1838	2	98. 47. 5.10	19.222	37 Ceti.	64
..	..	1. 8. (50)	...	1838	2	93. 7. 9.80	19.157	40 Ceti.	65
1840	5	1. 9. 10.96	4.599	1841	11	14. 36. 9.17	19.149	.....	66
1839	2	1. 9. 51.08	3.696	1839	10	32. 38. 8.93	19.132	.....	67
1838	2	1. 10. 3.97	3.698	1839	10	32. 36. 42.57	19.128	34 Cassiopeia, ϕ .	68
1840	5	1. 14. 13.47	3.375	1840	6	54. 19. 24.00	19.012	.....	69
1840	5	1. 14. 34.44	3.352	1841	6	56. 35. 52.16	19.003	.....	70
..	..	1. 14. (40)	...	1836	4	22. 42. 28.33	19.000	36 Cassiopeia, ψ .	71
..	..	1. 15. $\pm$	...	1841	1	95. 58. 59.73	18.991	.....	72
..	..	1. 15. (20)	...	1840	8	30. 35. 56.43	18.977	37 Cassiopeia, δ .	73
1839	76	1. 16. 1.56	3.001	1838	45	99. 0. 39.60	18.961	45 CETI, θ .	74
1840	5	1. 16. 4.53	3.374	1841	3	55. 6. 11.14	18.960	.....	75
1840	4	1. 17. 3.44	3.365	1841	5	56. 15. 6.32	18.934	.....	76
1840	4	1. 18. 1.86	3.366	1841	5	56. 27. 21.25	18.904	.....	77
1840	5	1. 19. 51.57	3.379	1841	2	55. 54. 50.59	18.848	.....	78
1838	12	1. 21. 48.37	3.114	1838	16	84. 40. 59.85	18.791	98 Piscium, μ .	79
1840	5	1. 21. 48.50	+ 3.377	1841	5	56. 39. 15.13	-18.791	.....	80

61. The Annual Variations are those given in the Nautical Almanac. The correction +0.090 for proper motion is included in the variation in R.A.

62. Of about the 7th magnitude.

63. Of about the 8, 9th magnitude.

64. Double; the second or larger star is observed.

80. Of about the 8th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Brailey.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
81	..	.....	..	....	..	201	..	....	164	..	..	..	26	..	..
82	4.3	99 Piscium, η	181	34	1186	203	52	I. 98	166	..	43	..	..	..	..
83	6.5	39 Cassiopeia, χ	178	2	428	202	..	I. 100	..	332	..	..	..	..	119
84	6	40 Cassiopeia.....	180	29	432	206	..	I. 106	..	337	..	..	..	..	123
85	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
86	4.5	50 Andromedæ.....	184	38	40	209	..	I. 119	174	..	44	42	..	..	..
87	4.3	51 Andromedæ.....	187	39	22	212	..	I. 124	176	348	46	43	..	..	..
88	6	102 Piscium, π	191	35	1187	214	56	I. 126	178	..	47	..	..	..	..
89	..	.....	..	..	..	..	57	I. 128	..	..	..	..	..	..	..
90	..	.....	..	..	..	222	..	....	..	..	..	..	..	..	..
91	..	.....	..	....	..	..	..	I. 139	..	362	..	..	..	..	..
92	..	.....	..	....	..	..	58	I. 144	183	..	..	..	29	..	..
93	..	44 Cassiopeia.....	197	..	..	224	..	....	..	366	..	..	..	..	138
94	5.4	106 Piscium, ν	202	37	1183	228	60	I. 150	184	..	49	..	30	..	..
95	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
96	4	54 Andromedæ.....	201	42	23	227	..	I. 151	185	372	50	..	..	..	..
97	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
98	4	110 Piscium, σ	206	....	..	232	61	I. 164	189	..	52	..	31	..	..
99	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
100	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
101	..	3 Arietis.....	208	....	..	234	..	....	..	..	..	48	..	..	..
102	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
103	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
104	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
105	6	1 Persei.....	210	1	1146	237	..	I. 177	..	388	..	..	..	..	151
106	5.4	53 Ceti, χ	215	18	539	242	..	I. 183	194	..	54	51	..	30	..
107	3.4	45 Cassiopeia, ϵ	211	31	410	239	..	I. 184	196	390	55	53	34	..	..
108	4.3	2 Trianguli, α	218	2	1391	245	..	I. 193	198	..	57	54	..	..	..
109	..	5 Arietis, γ (N. star).....	..	....	..	249	64	I. 196	..	..	58	..	..	..	..
110	4.3	5 Arietis, γ (S. star).....	221	3	140	248	65	I. 197	199	..	59	..	..	..	..
111	4	111 Piscium, ξ	224	38	1184	251	..	I. 201	200	..	..	..	37	..	..
112	3.2	6 Arietis, β	225	4	139	252	66	I. 202	201	..	60	..	..	..	..
113	6	.....	222	....	..	..	..	....	..	..	..	..	..	..	..
114	5.4	48 Cassiopeia.....	223	33	430	258	..	I. 210	206	421	62	..	..	..	166
115	..	58 Ceti.....	238	....	..	268	..	....	..	..	..	..	..	..	..
116	4	50 Cassiopeia.....	228	34	429	260	..	I. 215	209	427	64	57	..	..	169
117	6	53 Cassiopeia.....	234	....	..	266	..	I. 221	..	436	..	..	..	..	172
118	5.6	4 Persei.....	236	2	1147	269	..	I. 224	..	437	..	..	..	..	174
119	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
120	2.3	57 Andromedæ, γ'	244	45	3	276	69	I. 236	220	447	67	59	42	..	..

88. The letter π and Flamsteed's No. 102 are attached in Baily's Hevelius to No. 1188 of that catalogue: but in a private communication from Mr. Baily I am informed that this is a mistake, and that they ought to be attached to No. 1187.

89. Of about the 7, 8th magnitude.

92. This star is No. 93 in Santini's Catalogue of 1677 Stars. (Mem. Royal Ast. Soc., vol. xii.)

101. Of about the 7th magnitude.

103. Santini No. 100.

REFERRED TO THE 1ST OF JANUARY, 1840.

7

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R.A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N.P.D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1838	6	^h 1.22. ^m 8.91	+ ^s 2.837	..	..	^o 116.27. ....	" ..	.....	81
1840	6	1.22.55.81	3.193	1840	9	75.28.52.89	-18.756	99 Piscium, η .	82
1836	2	1.23.31.70	3.839	1836	10	31.35.31.28	18.746	39 Cassiopeiæ, χ .	83
..	..	1.25.(50)	...	1841	2	17.46.46.72	18.666	40 Cassiopeiæ.	84
1840	5	1.25.54.02	3.379	1841	5	57.41.54.47	18.663	.....	85
..	..	1.27.(30)	...	1841	2	49.23.51.41	18.611	50 Andromedæ.	86
..	..	1.28.(10)	...	1838	6	42.11.7.05	18.596	51 Andromedæ.	87
1840	5	1.28.37.43	3.171	1841	5	78.40.45.10	18.572	102 Piscium, π .	88
..	..	1.29.(10)	...	1841	2	78.44.23.33	18.555	.....	89
1840	5	1.31.44.03	3.897	1840	6	32.11.3.36	18.472	.....	90
1837	4	1.31.51.58	3.960	1837	20	30.15.48.06	18.463	.....	91
..	..	1.32.(10)	...	1841	3	82.3.10.97	18.455	.....	92
1837	4	1.32.33.40	3.965	1837	22	30.15.31.87	18.445	44 Cassiopeiæ.	93
1836	2	1.33.6.51	3.111	1836	3	85.19.29.39	18.431	106 Piscium, ν .	94
1840	5	1.33.9.02	3.379	1841	6	59.40.19.28	18.421	.....	95
..	..	1.33.(40)	...	1840	3	40.7.13.31	18.403	54 Andromedæ.	96
1840	5	1.33.51.44	3.380	1841	6	59.46.56.24	18.397	.....	97
1838	4	1.36.57.05	3.150	1837	4	81.38.59.37	18.291	110 Piscium, α .	98
..	..	1.37 $\pm$	...	1840	2	87.23.11.76	18.285	.....	99
1840	5	1.37.37.75	3.375	1840	1	61.7.50.04	18.261	.....	100
1836	5	1.37.54.75	3.233	1836	10	73.23.29.21	18.262	3 Arietis.	101
..	..	1.38 $\pm$	...	1841	1	61.11.26.92	18.249	.....	102
1841	1	1.39.24.63	3.379	1841	1	90.38.46.29	18.212	.....	103
..	..	1.39 $\pm$	...	1841	1	61.15.2.98	18.212	.....	104
1838	2	1.41.31.48	3.866	1839	10	35.38.53.70	18.120	1 Persei.	105
1837	5	1.41.43.54	2.952	..	..	101.29.	...	53 Ceti, χ .	106
..	..	1.43.(0)	...	1838	30	27.7.18.25	18.063	45 Cassiopeiæ, ϵ .	107
1840	5	1.43.58.59	3.392	1840	11	61.12.12.97	18.025	2 Trianguli, α .	108
..	..	1.44.(50)	...	1840	6	71.29.28.13	17.996	5 Arietis, γ (N. star.)	109
1839	7	1.44.45.62	3.271	1840	8	71.29.37.17	17.996	5 Arietis, γ (S. star.)	110
1836	2	1.45.16.58	3.092	1836	2	87.36.18.88	17.985	111 Piscium, ξ .	111
1840	7	1.45.48.66	3.287	1841	9	69.58.37.34	17.954	6 Arietis, β .	112
1840	5	1.47.54.57	4.305	1840	5	26.9.39.60	17.876	.....	113
..	..	1.49.(0)	...	1838	2	19.52.24.54	17.830	48 Cassiopeiæ.	114
1836	5	1.49.51.64	3.037	1837	10	92.50.36.36	17.800	58 Ceti.	115
..	..	1.49.(50)	...	1839	2	18.21.26.90	17.797	50 Cassiopeiæ.	116
1836	2	1.51.14.22	4.321	1836	10	26.23.13.04	17.750	53 Cassiopeiæ.	117
1838	2	1.51.41.47	3.919	1839	10	36.17.22.67	17.722	4 Persei.	118
..	..	1.54.(10)	...	1841	1	93.21.28.15	17.620	.....	119
1837	10	1.54.6.22	+ 3.630	1838	29	48.26.29.66	-17.620	57 Andromedæ, γ' .	120

109, 110. Double, each star being of about the 5, 6th magnitude, and of very nearly the same R.A.; the N. star precedes: the transit observations have been combined as for a single star.

115. Of the 6th magnitude: a star of the 9th magnitude, whose N. P. D. is greater by $2'.20''$, precedes this by about $2''$.

119. Of about the 7, 8th magnitude.

GREENWICH CATALOGUE OF 1439 STARS,

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
121	..	57 Andromedæ, γ^2	244	45	3	276	69	I. 237	220	447	..	..	..	..	..
122	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
123	..	.....	..	....	..	283	..	....	..	..	..	..	..	..	..
124	2	13 ARIETIS, α	254	8	138	287	72	I. 253	227	..	68	61	43	..	..
125	3	4 Trianguli, β	258	6	1392	290	..	I. 260	228	..	69	62	..	..	..
126	..	5 Persei, h	256	....	..	289	..	I. 259	..	461	..	63	..	..	190
127	6	55 Cassiopeiæ	257	....	..	292	..	I. 264	..	464	..	..	..	..	194
128	..	16 Arietis	265	....	..	298	..	I. 269	..	..	..	..	..	..	196
129	5. 6	17 Arietis, η	269	10	143	303	76	II. 11	235	..	..	..	..	..	..
130	4. 5	65 Ceti, ξ^1	273	22	510	306	77	II. 16	237	..	71	..	44	..	..
131	..	.....	..	....	..	..	..	II. 21	..	475	..	..	..	..	..
132	..	.....	..	....	..	..	..	II. 22	..	476	..	..	..	..	..
133	..	.....	..	....	..	307	..	....	..	..	..	..	..	..	..
134	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
135	..	.....	..	....	..	313	..	....	..	..	..	..	..	..	..
136	6. 5	22 Arietis, θ	287	11	144	320	79	II. 49	239	..	72	..	..	..	..
137	..	.....	..	....	..	323	..	....	..	..	..	..	..	..	..
138	6. 5	9 Persei, i	288	....	..	326	..	II. 55	242	501	73	..	..	..	..
139	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
140	..	.....	..	....	..	328	..	....	..	..	..	..	..	..	..
141	5	65 Andromedæ	295	....	..	334	..	II. 71	..	509	..	..	..	..	231
142	4	.....	292	35 Cass.	413	332	..	II. 72	247	511	75	..	..	..	..
143	6. 5	12 Trianguli	303	12	1402	342	..	II. 88	253	..	..	..	..	..	..
144	..	27 Arietis	312	....	..	351	..	II. 101	259	..	..	..	..	..	..
145	6. 5	75 Ceti	316	31	525	354	..	II. 110	261	..	..	..	..	..	..
146	..	29 Arietis	315	....	..	352	..	II. 109	262	..	..	..	..	..	..
147	6	.....	..	....	..	344	..	....	..	527	..	..	..	..	..
148	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
149	6	.....	..	....	..	..	..	II. 123	268	..	..	..	..	..	..
150	5	78 Ceti, ν	321	33	509	362	84	II. 125	269	..	80	..	48	..	..
151	..	30 Arietis (1st star)	319	....	..	360	..	II. 126	270	..	..	..	..	..	..
152	6	30 Arietis (2nd star)	319	....	..	361	..	II. 128	271	..	..	..	..	..	..
153	6. 5	32 Arietis, ν	325	12	145	367	85	II. 136	276	..	..	..	..	..	..
154	6. 5	33 Arietis	329	13	155	370	..	II. 143	277	..	..	..	..	..	..
155	..	.....	..	....	..	..	..	II. 148	279	..	..	..	..	..	..
156	4	13 Persei, θ	331	8	1130	374	..	II. 150	282	545	83	72	..	..	..
157	6. 5	34 Arietis, μ	335	14	146	377	87	II. 153	283	..	..	..	..	..	..
158	..	.....	..	....	..	373	..	....	..	..	..	..	..	..	..
159	3. 4	86 CETI, γ	344	36	500	383	..	II. 161	289	..	85	73	51	..	..
160	5	38 Arietis	346	....	..	386	..	II. 166	292	..	..	..	52	..	..

128. Of the 8th magnitude.

134. Of the 10th magnitude; preceded by a brighter star of 8' greater N. P. D.

148. Of about the 8th or 9th magnitude.

149. Proper motion in R. A. (from Baily) $+0^{\circ}.103$.

GREENWICH OBSERVATIONS, 1842.—APPENDIX.

REFERRED TO THE 1ST OF JANUARY, 1840.

9

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^h 1. 54. (10)	^s ...	1837	4	^o 48. 26. 25.03	-17.620	57 Andromedæ. γ^2 .	121
1840	5	1. 56. 1.66	+ 3.342	1840	5	67. 12. 51.83	17.541	.....	122
1838	5	1. 57. 33.56	4.102	1838	9	32. 20. 31.03	17.481	.....	123
1838	99	1. 58. 9.96	3.346	1839	72	67. 17. 50.81	17.447	13 ARIETIS, α .	124
1840	5	2. 0. 2.58	3.525	1841	10	55. 46. 23.35	17.367	4 Trianguli, β .	125
1838	2	2. 0. 23.77	4.094	1839	10	33. 6. 51.42	17.353	5 Persei, h .	126
1836	2	2. 2. 0.84	4.571	1837	14	24. 13. 49.58	17.279	55 Cassiopeiæ.	127
1840	5	2. 2. 6.72	3.390	1840	5	64. 49. 16.05	17.272	16 Arietis.	128
1840	5	2. 3. 51.31	3.327	1839	9	69. 32. 39.24	17.197	17 Arietis, γ .	129
1836	2	2. 4. 31.69	3.165	1836	3	81. 54. 26.12	17.176	65 Ceti, ξ^1 .	130
1838	2	2. 5. 38.72	4.110	1838	9	33. 43. 10.61	17.123	.....	131
1838	2	2. 5. 43.70	4.112	1838	9	33. 41. 36.19	17.115	.....	132
1840	3	2. 6. 32.78	4.480	..	..	26. 19. ....	...	.....	133
1840	5	2. 7. 6.71	3.326	1841	5	70. 2. 36.02	17.045	.....	134
1841	5	2. 8. 0.08	4.497	1840	6	26. 21. 22.54	17.007	.....	135
1840	6	2. 9. 14.17	3.318	1840	11	70. 50. 32.86	16.949	22 Arietis, θ .	136
1840	5	2. 10. 40.23	4.161	1840	6	33. 29. 41.27	16.882	.....	137
..	..	2. 11. (10)	...	1841	2	34. 53. 28.25	16.858	9 Persei, i .	138
1840	4	2. 11. 42.90	4.174	..	..	33. 21. ....	...	.....	139
1840	1	2. 11. 52.94	4.175	1840	8	33. 20. 53.98	16.827	.....	140
..	..	2. 15. (0)	...	1841	2	40. 27. 0.52	16.675	65 Andromedæ.	141
..	..	2. 16. (0)	...	1839	13	23. 19. 20.46	16.626	.....	142
1841	3	2. 18. 48.11	3.491	1841	6	61. 2. 55.66	16.485	12 Trianguli.	143
1840	7	2. 22. 2.42	3.307	1840	12	73. 0. 27.07	16.327	27 Arietis.	144
..	..	2. 24. (0)	...	1839	8	91. 44. 41.27	16.225	75 Ceti.	145
1841	3	2. 24. 8.70	3.271	1841	6	75. 40. 39.44	16.214	29 Arietis.	146
..	..	2. 25. (10)	...	1841	2	9. 14. 21.89	16.156	.....	147
..	..	2. 26. (50)	...	1837	1	103. 27. 28.95	16.076	.....	148
1838	5	2. 27. 18.75	3.153	..	..	83. 54. ....	...	.....	149
..	..	2. 27. (30)	...	1840	2	85. 6. 30.52	16.043	78 Ceti, ν .	150
..	..	2. 27. (40)	...	1838	2	66. 3. 10.57	16.034	30 Arietis (1st star.)	151
..	..	2. 27. (50)	...	1838	10	66. 3. 12.19	16.026	30 Arietis (2nd star.)	152
1840	7	2. 29. 44.55	3.386	1840	10	68. 44. 4.28	15.925	32 Arietis, ν .	153
1841	3	2. 31. 20.90	3.477	1841	5	63. 37. 47.79	15.834	33 Arietis.	154
1838	5	2. 31. 49.81	3.145	..	..	84. 35. ....	...	.....	155
..	..	2. 33. (20)	...	1837	12	41. 27. 10.97	15.730	13 Persei, θ .	156
1838	5	2. 33. 21.31	3.357	..	..	70. 40.	...	34 Arietis, μ .	157
1840	5	2. 34. 37.00	5.241	1840	8	21. 2. 43.56	15.658	.....	158
1838	56	2. 35. 0.91	3.108	1838	56	87. 26. 32.47	15.639	86 CETI, γ .	159
1836	1	2. 36. 14.96	+ 3.243	1836	3	78. 13. 53.68	-15.583	38 Arietis.	160

151, 152. Nearly equal, and of the 6, 7th magnitude.

155. Santini, No. 154.

158. Of the 8th magnitude.

D

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Gould's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
161	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
162	..	.....	..	....	..	382	..	....	..	..	..	..	..	..	..
163	5	39 Arietis.....	350	18	157	389	..	II. 178	298	..	88	76	..	..	..
164	4.3	15 Persei, η	348	9	1128	..	..	II. 179	299	559	89	..	..	..	..
165	6.5	42 Arietis, π	357	20	147	397	90	II. 185	302	..	90	..	55	..	..
166	4	41 Arietis.....	356	19	158	395	..	II. 186	304	..	92	..	..	..	..
167	6	43 Arietis, σ	361	21	150	400	91	II. 192	307	..	..	..	56	..	..
168	4	18 Persei, τ	359	11	1129	399	..	II. 190	308	573	93	..	..	..	..
169	6	46 Arietis, ρ^3	366	22	148	408	93	II. 213	314	..	95	78	..	..	..
170	4.5	48 Arietis, ϵ	375	23	151	415	94	II. 224	319	..	97	..	57	..	..
171	6	49 Arietis.....	382	....	..	424	..	II. 233	326	..	..	..	..	..	..
172	3	23 Persei, γ	376	14	1118	422	..	II. 234	329	600	98	..	59	..	..
173	5	Persei, k	378	15	1154	..	..	II. 236	331	601	99	..	..	..	..
174	2.3	92 CETI, α	389	40	499	428	96	II. 244	332	..	100	80	60	..	..
175	..	Persei, i	391	18	1131	..	..	II. 253	340	613	105	81	..	..	..
176	var.	26 Persei, β	394	19	1122	436	97	II. 254	341	615	106	..	62	..	..
177	..	53 Arietis.....	398	....	..	439	..	II. 257	342	..	..	..	..	..	..
178	4.5	57 Arietis, δ	404	24	152	446	100	III. 2	348	..	109	..	63	..	..
179	6	56 Arietis.....	403	....	..	447	..	III. 3	351	..	..	..	..	..	300
180	..	12 Eridani.....	411	6	727	454	..	III. 13	353	..	110	..	..	59	..
181	4.5	58 Arietis, ζ	409	25	153	451	101	III. 11	354	..	111	..	65	..	..
182	5	.....	..	1 Camelop.	274	448	..	III. 7	..	634	..	..	..	..	303
183	6	14 Eridani.....	415	....	..	..	..	III. 26	356	..	..	..	..	..	..
184	5	.....	416	....	..	..	..	III. 32	359	..	..	..	..	..	..
185	5	61 Arietis, τ^1	421	26	154	465	103	III. 40	362	..	..	..	..	..	..
186	2	33 Persei, α	418	24	1117	464	102	III. 41	365	650	114	89	67	..	..
187	6	64 Arietis.....	427	....	..	472	..	III. 49	369	..	..	..	..	..	..
188	5.4	.....	..	2 Camelop.	273	..	..	III. 51	371	662	116	..	..	..	..
189	4.3	2 Tauri, ξ	432	2	1349	481	107	III. 63	375	..	119	..	68	..	..
190	..	66 Arietis.....	433	....	..	482	..	III. 65	376	..	..	..	..	..	..
191	6	7 Tauri.....	440	....	..	491	..	III. 86	383	..	..	..	..	..	..
192	5	37 Persei, ψ	437	26	1134	488	..	III. 84	384	707	123	..	..	..	..
193	..	9 Tauri.....	442	....	..	494	..	....	387	..	..	..	..	..	..
194	5	20 Eridani.....	447	....	..	498	..	III. 101	389	..	..	..	..	..	..
195	..	11 Tauri.....	448	....	..	500	..	III. 107	392	..	..	..	..	..	349
196	3	39 Persei, δ	446	27	1119	499	..	III. 106	393	722	127	94	..	..	..
197	6.5	.....	..	6 Camelop.	277	..	..	III. 105	..	723	..	..	..	..	351
198	4	38 Persei, ϕ	454	31	1144	..	..	III. 123	400	..	129	..	..	..	..
199	4	41 Persei, ν	452	30	1142	506	..	III. 122	399	728	128	..	..	..	..
200	..	16 Tauri.....	457	....	..	508	115	III. 129	402	..	130	..	..	..	..

162. Of the 8th magnitude.

164. Double: the second star is observed.

180. Proper motion in N. P. D. (from Baily) = $-0''.63$

REFERRED TO THE 1ST OF JANUARY, 1840.

11

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A., January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D., January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^h ^m ^s 2. 36.	...	1836	2	[°] ['] ["] 73. 8. 9.84	-15.584	.....	161
1840	5	2. 37. 48.36	+ 5.197	1840	8	21. 46. 51.95	15.483	.....	162
1841	3	2. 38. 23.82	3.535	1841	5	61. 25. 17.74	15.449	39 Arietis.	163
..	..	2. 39. (0)	...	1840	10	34. 46. 26.14	15.415	15 Persei, η .	164
1839	10	2. 40. 22.36	3.330	1839	13	73. 12. 18.75	15.343	42 Arietis, π .	165
..	..	2. 40. (30)	...	1838	4	63. 24. 12.10	15.334	41 Arietis.	166
1841	3	2. 42. 40.08	3.294	1841	5	75. 34. 53.59	15.208	43 Arietis, σ .	167
..	..	2. 43. (0)	...	1839	3	37. 53. 51.95	15.192	18 Persei, τ .	168
1841	3	2. 47. 24.78	3.349	1841	5	72. 37. 10.09	14.936	46 Arietis, ρ^3 .	169
1840	8	2. 50. 4.40	3.411	1839	13	69. 18. 14.69	14.783	48 Arietis, ϵ .	170
1841	3	2. 52. 29.29	3.512	1841	5	64. 10. 30.62	14.635	49 Arietis.	171
..	..	2. 53. (10)	...	1838	4	37. 7. 33.11	14.598	23 Persei, γ .	172
..	..	2. 53. (30)	...	1840	4	33. 55. 42.96	14.578	Persei, k .	173
1839	60	2. 53. 55.32	3.126	1838	56	86. 32. 31.67	14.551	92 CETI, α .	174
1838	5	2. 57. 32.89	4.138	..	..	41. 0.	...	Persei, ι .	175
..	..	2. 57. (50)	...	1840	10	49. 39. 57.55	14.315	26 Persei, β .	176
1841	3	2. 58. 25.73	3.362	1841	5	72. 44. 32.08	14.275	53 Arietis.	177
1839	11	3. 2. 29.35	3.401	1839	21	70. 52. 59.87	14.025	57 Arietis, λ .	178
1841	3	3. 2. 42.98	3.551	1841	5	63. 21. 5.03	14.008	56 Arietis.	179
..	..	3. 5. (20)	...	1838	21	119. 37. 17.96	13.848	12 Eridani.	180
1840	6	3. 5. 42.83	3.431	1840	12	69. 33. 11.40	13.823	56 Arietis, ζ .	181
1836	2	3. 5. 59.59	5.148	1836	10	24. 56. 26.30	13.827	.....	182
1838	5	3. 8. 50.67	2.899	..	..	99. 45.	...	14 Eridani.	183
1841	3	3. 10. 40.30	3.606	1841	7	61. 32. 12.02	13.503	.....	184
1841	3	3. 11. 59.95	3.443	1841	5	69. 26. 3.65	13.417	61 Arietis, τ^1 .	185
1838	59	3. 12. 55.92	4.230	1838	90	40. 42. 52.39	13.357	33 Persei, α .	186
1840	7	3. 14. 52.23	3.520	1840	6	65. 50. 52.82	13.232	64 Arietis.	187
..	..	3. 16. (10)	...	1840	20	30. 37. 27.91	13.146	.....	188
..	..	3. 18. (30)	...	1838	2	80. 49. 47.49	12.992	2 Tauri, ξ .	189
1841	3	3. 19. 5.90	3.488	1841	6	67. 45. 8.76	12.948	66 Arietis.	190
1841	3	3. 24. 58.74	3.533	1841	4	66. 4. 40.24	12.551	7 Tauri.	191
..	..	3. 25. (10)	...	1839	2	42. 20. 45.79	12.553	33 Persei, ψ .	192
1839	6	3. 27. 34.03	3.509	1839	10	67. 19. 24.05	12.382	9 Tauri.	193
..	..	3. 29. (0)	...	1838	10	108. 0. 3.88	12.284	20 Eridani.	194
1841	3	3. 31. 13.54	3.563	1841	6	65. 11. 36.43	12.121	11 Tauri.	195
..	..	3. 31. (30)	...	1837	34	42. 43. 50.36	12.104	39 Persei, δ .	196
1836	3	3. 32. 6.49	5.144	1836	9	27. 10. 6.02	12.087	.....	197
1841	3	3. 34. 18.13	3.737	1841	5	58. 13. 26.47	11.905	38 Persei, ϕ .	198
1838	5	3. 34. 20.69	4.035	..	..	47. 56.	...	41 Persei, ν .	199
1840	6	3. 35. 18.24	+ 3.545	1840	7	66. 13. 9.30	-11.835	16 Tauri.	200

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
201	4	17 Tauri	458	7	1383	509	116	III. 130	403	..	131	..	..	..	..
202	..	18 Tauri	459	....	..	510	117	III. 131	404	..	..	..	..	..	..
203	5	19 Tauri	460	6	1380	511	118	III. 132	405	..	132	..	..	..	..
204	5	20 Tauri	461	9	1382	512	119	III. 136	409	..	134	..	..	..	..
205	5	23 Tauri	464	8	1384	516	122	III. 144	410	..	135	..	..	..	..
206	3	25 TAURI, η	468	10	1379	521	124	III. 152	414	..	136	..	74	..	..
207	4	27 Tauri	473	12	1381	527	125	III. 157	418	..	138	..	..	..	..
208	..	28 Tauri	474	....	..	528	126	III. 158	419	..	..	..	..	..	..
209	6	.....	..	14 Tauri	1389	..	..	III. 170	423	..	..	..	..	..	..
210	5	28 Eridani, τ^7	481	14	722	532	..	III. 173	424	..	140	..	..	73	..
211	3	44 Persei, ζ	482	34	1121	534	..	III. 185	430	..	141	..	..	..	..
212	3.4	45 Persei, ϵ	484	35	1120	539	..	III. 196	433	765	144	..	79	..	..
213	3	34 ERIDANI, γ	494	16	709	546	..	III. 210	440	..	147	..	..	80	..
214	6	.....	..	....	..	..	..	III. 215	441	..	..	..	..	..	..
215	4.5	47 Persei, λ	495	37	1136	549	..	III. 224	..	777	151	..	..	..	400
216	5.4	37 Tauri, A^1	499	16	1366	554	132	III. 232	448	..	153	..	82	..	..
217	..	39 Tauri, A^2	502	....	..	556	133	III. 236	449	..	..	100	..	..	..
218	..	.....	..	....	..	..	..	III. 249	454	..	..	..	83	..	..
219	..	.....	..	....	..	..	..	....	..	784	..	..	..	..	..
220	4.5	51 Persei, μ	511	39	1139	564	..	IV. 1	462	793	155	..	..	..	..
221	6	48 Tauri	524	....	..	572	..	IV. 21	468	..	..	..	87	..	..
222	6.5	50 Tauri, ω^2	526	22	1367	575	137	IV. 27	471	..	..	..	88	..	..
223	6	.....	522	....	..	..	..	....	..	..	..	..	..	..	..
224	4	54 Tauri, γ	535	24	1344	583	139	IV. 39	478	..	162	..	91	..	..
225	4.3	41 Eridani, ν^4	546	....	..	590	..	IV. 50	482	..	163	..	..	89	..
226	4	61 Tauri, δ^1	543	26	1345	594	145	IV. 57	488	..	165	..	93	..	..
227	..	.....	..	....	..	592	..	....	..	..	..	..	..	..	..
228	6	64 Tauri, δ^2	547	....	..	597	147	IV. 64	492	..	166	..	..	..	..
229	6	.....	..	....	..	..	..	....	..	828	..	..	..	..	..
230	6	.....	..	45 Persei	1160	..	..	IV. 69	497	..	..	..	..	..	..
231	5.4	69 Tauri, ν^1	554	30	1368	604	149	IV. 75	502	..	170	..	..	..	..
232	6	71 Tauri	557	....	..	605	150	IV. 78	503	..	..	..	..	..	..
233	4	43 Eridani, ν^5	567	....	..	..	..	IV. 85	506	..	172	..	..	94	..
234	4.3	74 Tauri, ϵ	560	32	1343	609	154	IV. 87	507	..	173	..	95	..	..
235	..	75 Tauri	561	....	..	610	..	IV. 88	508	..	..	..	96	..	..
236	4.5	77 Tauri, θ^1	563	33	1346	612	156	IV. 90	510	..	174	106	97	..	..
237	4.5	78 Tauri, θ^2	564	....	..	613	157	IV. 91	511	..	175	107	98	..	..
238	..	80 Tauri	568	....	..	617	159	IV. 97	515	..	..	..	..	..	..
239	5	.....	..	....	..	619	160	IV. 99	516	..	..	..	100	..	..
240	..	81 Tauri	571	....	..	620	161	IV. 100	517	..	..	..	..	..	..

GREENWICH OBSERVATIONS, 1842.—APPENDIX.

REFERRED TO THE 1ST JANUARY, 1840.

13

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1839	7	3. 35. 23.16	+ 3.542	1840	7	66. 23. 41.73	-11.835	17 Tauri.	201
1841	3	3. 35. 37.66	3.559	1841	5	65. 40. 6.12	11.811	18 Tauri.	202
1840	4	3. 35. 41.66	3.550	1840	7	66. 2. 25.72	11.812	19 Tauri.	203
1840	5	3. 36. 18.96	3.549	1840	7	66. 8. 16.04	11.764	20 Tauri.	204
1839	8	3. 36. 50.44	3.540	1839	7	66. 33. 20.26	11.730	23 Tauri.	205
1839	66	3. 37. 59.04	3.546	1839	51	66. 23. 42.25	11.646	25 TAURI, η .	206
1840	10	3. 39. 39.53	3.547	1840	14	66. 26. 28.81	11.528	27 Tauri.	207
1839	6	3. 39. 40.67	3.549	1839	9	66. 21. 27.33	11.529	28 Tauri.	208
1841	3	3. 40. 42.48	3.584	1841	5	64. 54. 32.39	11.449	.....	209
1838	5	3. 40. 46.82	2.571	1837	16	114. 22. 29.03	11.444	28 Eridani, τ^7 .	210
1841	3	3. 44. 5.32	3.747	1839	7	58. 35. 51.04	11.205	44 Persei, ζ .	211
..	..	3. 47. (10)	...	1841	3	50. 27. 32.52	10.984	45 Persei, ϵ .	212
1839	39	3. 50. 33.94	2.790	1839	46	103. 58. 5.78	10.732	34 ERIDANI, γ .	213
1841	3	3. 51. 36.20	3.434	1841	5	72. 15. 46.88	10.652	.....	214
..	..	3. 54. (40)	...	1836	2	40. 5. 24.06	10.430	47 Persei, λ .	215
1839	15	3. 55. 14.68	3.524	1838	21	68. 21. 40.48	10.386	37 Tauri, A^1 .	216
1837	1	3. 55. 52.07	3.519	..	..	68. 26.	...	39 Tauri, A^2 .	217
1841	3	3. 58. 50.08	3.421	1841	5	73. 5. 35.86	10.112	.....	218
..	..	4. 0. (30)	...	1841	4	14. 18. 4.20	9.990	.....	219
..	..	4. 3. (10)	...	1839	16	42. 0. 16.06	9.787	51 Persei, μ .	220
1841	3	4. 6. 41.74	3.385	1841	5	75. 0. 19.53	9.512	48 Tauri.	221
1839	5	4. 7. 53.59	3.500	1840	7	69. 49. 16.23	9.419	50 Tauri, ω^2 .	222
1841	4	4. 8. 52.59	4.831	1840	7	33. 53. 11.98	9.351	.....	223
1841	3	4. 10. 41.73	3.394	1841	5	74. 45. 52.76	9.201	54 Tauri, γ .	224
..	..	4. 11. (50)	...	1838	18	124. 11. 37.73	9.118	41 Eridani, ν^4 .	225
1841	5	4. 13. 42.81	3.439	1839	7	72. 50. 19.35	8.966	61 Tauri, δ^1 .	226
1838	5	4. 13. 50.71	3.603	1838	6	65. 58. 25.81	8.965	.....	227
1841	3	4. 14. 52.74	3.438	1841	5	72. 55. 57.70	8.875	64 Tauri, δ^2 .	228
..	..	4. 15. (0)	...	1840	2	17. 49. 44.52	8.870	.....	229
1841	3	4. 15. 55.83	3.794	1841	3	58. 55. 43.04	8.792	.....	230
1840	12	4. 16. 44.49	3.567	1839	11	67. 33. 19.70	8.733	69 Tauri, ν^1 .	231
1838	5	4. 17. 14.09	3.395	..	..	74. 45.	...	71 Tauri.	232
..	..	4. 18. (0)	...	1839	8	124. 23. 36.08	8.635	43 Eridani, ν^5 .	233
1836	1	4. 19. 16.63	3.479	1838	6	71. 10. 50.46	8.542	74 Tauri, ϵ .	234
..	..	4. 19. (20)	...	1838	5	74. 0. 15.34	8.529	75 Tauri.	235
1841	2	4. 19. 26.42	3.408	1841	5	74. 23. 56.44	8.515	77 Tauri, θ^1 .	236
1841	1	4. 19. 31.98	+ 3.406	1841	1	74. 29. 24.85	8.508	78 Tauri, θ^2 .	237
..	..	4. 21. (0)	...	1838	10	74. 43. 4.10	8.396	80 Tauri.	238
..	..	4. 21. (20)	...	1838	5	74. 9. 36.95	8.370	.....	239
..	..	4. 21. (25)	...	1838	6	74. 39. 42.45	- 8.363	81 Tauri.	240

E

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baill's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baill's Hevelius.	Number in Baill's Bradley.	Number in Baill's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Greenbridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
241	..	.....	573	....	..	..	162	IV. 102	..	..	..	..	..	..	..
242	..	85 Tauri	575	....	..	623	..	IV. 108	520	..	..	..	101	..	..
243	5	86 Tauri, ρ	580	35	1371	627	164	IV. 114	523	..	176	..	..	..	..
244	1	87 TAURI, α	581	36	1340	630	167	IV. 125	528	..	178	108	102	..	..
245	6	.....	..	....	..	..	..	IV. 148	541	..	..	..	..	..	469
246	..	.....	..	....	..	..	..	IV. 158	..	..	..	..	..	..	..
247	4. 5	94 Tauri, τ	598	40	1373	648	171	IV. 159	543	..	185	..	103	..	..
248	6	4 Camelopardali.	594	16	268	649	..	IV. 164	..	871	..	109	..	..	475
249	4	9 Camelopardali.	596	17	283	..	..	IV. 176	552	880	188	..	..	..	..
250	..	.....	..	....	..	..	..	IV. 194	..	..	..	..	..	..	..
251	..	96 Tauri	611	....	..	660	..	IV. 195	555	..	..	..	..	..	..
252	5. 6	97 Tauri, i	614	42	1374	666	174	IV. 208	559	..	..	..	104	..	..
253	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
254	3	3 Aurigæ, ι	623	4	168	677	..	IV. 235	570	..	196	..	..	..	..
255	6. 5	98 Tauri, k	635	....	..	685	..	IV. 247	575	..	..	..	..	..	..
256	4	10 Camelopardali.	621	3 Aurigæ.	201	681	..	IV. 244	577	905	199	..	..	..	..
257	3. 4	7 Aurigæ, ϵ	638	7	171	690	..	IV. 256	580	910	200	116	..	..	..
258	5	102 Tauri, ι	645	43	1375	698	183	IV. 274	585	..	203	..	105	..	..
259	4. 3	10 Aurigæ, η	646	10	170	700	..	IV. 283	588	925	205	..	..	..	..
260	5	11 Orionis	652	10	1071	702	185	IV. 286	589	..	206	..	..	..	..
261	6	103 Tauri	655	....	..	706	..	IV. 295	594	..	..	..	..	..	..
262	5. 6	15 Orionis	663	13	1072	714	189	IV. 313	604	..	211	..	..	..	..
263	1	13 Aurigæ, α	671	12	165	722	190	V. 6	611	946	214	120	107	..	..
264	3. 4	5 Leporis, μ	686	6	928	732	..	V. 16	616	..	218	..	..	114	..
265	..	.....	..	....	..	729	..	V. 15	617	..	219	..	..	..	..
266	1	19 ORIONIS, β	687	16	1019	736	192	V. 18	619	..	221	121	108	116	..
267	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
268	5	15 Aurigæ, λ	678	16	176	731	..	V. 22	621	954	222	122	..	..	..
269	6	109 Tauri, n	690	46	1377	741	193	V. 34	623	..	..	..	..	..	..
270	..	.....	698	....	..	..	..	V. 58	..	..	..	..	..	..	..
271	5	22 Orionis, o	700	18	1052	751	..	V. 60	635	..	..	..	..	..	..
272	..	.....	..	....	..	..	..	V. 63	637	..	..	..	..	..	..
273	5. 6	.....	..	....	..	..	..	V. 70	641	..	..	..	..	..	..
274	2	112 TAURI, β	704	48	1341	756	199	V. 72	642	..	226	123	110	..	..
275	2	24 Orionis, γ	708	20	1018	761	200	V. 80	648	..	228	..	111	..	..
276	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
277	..	.....	..	....	..	..	..	....	..	966	230	..	..	..	..
278	5	25 Aurigæ, χ	722	24	186	776	203	V. 114	661	..	235	..	..	..	..
279	6. 5	119 Tauri	724	50	1387	783	..	V. 119	663	..	..	..	113	..	..
280	2	34 ORIONIS, δ	732	29	1021	787	206	V. 126	665	..	237	..	114	122	..

249. A star having about 10' less N. P. D. follows at an interval of about 25".

253. Of about the 8, 9th magnitude.

263. Proper motion in N. P. D. (from Baill) = + 0".35.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^{h m s} 4. 21.(30)	...	1838	1	^{° ' "} 74. 11. 36.92	— 8.356	.....	241
..	..	4. 22.(40)	...	1838	7	74. 29. 52.04	8.264	85 Tauri.	242
1841	3	4. 24. 46.40	+ 3.386	1841	4	75. 29. 53.17	8.090	86 Tauri, ρ .	243
1838	96	4. 26. 44.75	3.427	1838	92	73. 49. 6.17	7.935	87 TAURI, α .	244
1841	3	4. 31. 19.40	3.737	1841	4	61. 42. 5.42	7.563	.....	245
..	..	4. 32.(10)	...	1840	1	67. 22. 14.11	7.498	.....	246
1840	8	4. 32. 38.95	3.588	1839	9	67. 21. 22.62	7.458	94 Tauri, τ .	247
..	..	4. 34.(40)	...	1840	8	33. 32. 9.22	7.295	4 Camelopardali.	248
..	..	4. 38.(10)	...	1838	26	23. 56. 23.34	7.009	9 Camelopardali.	249
..	..	4. 40.(20)	...	1841	2	74. 23. 47.14	6.818	.....	250
1841	3	4. 40. 35.21	3.422	1841	3	74. 22. 51.12	6.805	96 Tauri.	251
1836	1	4. 42. 1.10	3.490	1836	2	71. 36. 21.46	6.713	76 Tauri, i .	252
1838	1	4. 43. 55.51	3.605	1838	1	66. 57. 23.74	6.547	.....	253
1841	5	4. 46. 34.93	3.891	1840	10	57. 5. 40.24	6.316	3 Aurigæ, ι .	254
1841	2	4. 48. 22.28	3.658	1841	4	65. 12. 11.04	6.162	98 Tauri, k .	255
..	..	4. 49.(10)	...	1839	12	29. 48. 5.24	6.101	10 Camelopardali.	256
..	..	4. 50.(30)	...	1837	51	46. 25. 16.29	5.990	7 Aurigæ, ϵ .	257
1839	10	4. 53. 32.20	3.571	1838	10	68. 38. 43.10	5.735	102 Tauri, ι .	258
..	..	4. 55.(20)	...	1840	3	48. 59. 24.50	5.584	10 Aurigæ, η .	259
1841	3	4. 55. 25.79	3.419	1841	4	74. 49. 30.27	5.571	11 Orionis.	260
1841	3	4. 58. 21.99	3.645	1841	2	65. 57. 10.21	5.324	103 Tauri.	261
1841	3	5. 0. 32.69	3.426	1841	3	74. 36. 46.62	5.140	15 Orionis.	262
1838	82	5. 4. 52.74	4.407	1838	189	44. 10. 22.68	4.774	13 Aurigæ, α .	263
1838	5	5. 5. 44.71	2.686	..	..	106. 24.	...	5 Leporis, μ .	264
1837	5	5. 5. 51.75	2.878	1836	10	98. 20. 30.52	4.706	.....	265
1838	99	5. 6. 51.01	2.878	1838	46	98. 23. 31.27	4.607	19 ORIONIS, β .	266
..	..	5. 7. $\pm$	...	1841	1	98. 23. 40.53	4.597	.....	267
..	..	5. 7.(50)	...	1840	3	50. 3. 5.35	4.526	15 Aurigæ, λ .	268
1839	7	5. 9. 39.99	3.596	1837	7	68. 4. 32.65	4.384	109 Tauri, n .	269
1838	2	5. 13. 21.91	3.055	..	..	90. 35. ....	...	.....	270
1838	5	5. 13. 35.76	3.055	..	..	90. 33.	...	22 Orionis, σ .	271
1841	3	5. 14. 20.14	3.857	1841	2	59. 0. 46.56	3.963	.....	272
1839	5	5. 15. 12.29	2.460	..	..	114. 56. ....	...	.....	273
1838	98	5. 16. 10.88	3.782	1839	76	61. 32. 5.30	3.808	112 TAURI, β .	274
1838	1	5. 16. 33.12	3.210	1836	2	83. 48. 5.18	3.798	24 Orionis, γ .	275
1837	1	5. 17. 18.69	3.590	1837	1	68. 21. 53.05	3.730	.....	276
..	..	5. 18. (20)	...	1836	2	15. 4. 37.77	3.628	.....	277
1841	3	5. 22. 18.58	4.432	1841	3	57. 56. 0.24	3.277	25 Aurigæ, χ .	278
..	..	5. 22.(50)	...	1838	8	71. 31. 53.42	3.238	119 Tauri.	279
1838	65	5. 23. 50.07	+ 3.061	1839	34	90. 25. 24.04	— 3.149	34 ORIONIS, δ .	280

265. Of about the 7th magnitude.

272. The northern and brighter of two stars having very nearly the same R. A.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Hessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Greenwich's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
281	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
282	..	120 Tauri	731	....	..	786	..	V. 127	667	..	..	..	..	..	..
283	6	35 Orionis	733	28	1077	788	207	V. 132	670	..	..	..	..	..	..
284	4	Columbæ, ε .....	..	....	..	..	..	V. 140	672	..	239	..	..	124	..
285	..	11 LEPORIS, α	745	11	920	796	208	V. 139	673	..	240	..	..	125	..
286	4	41 Orionis, θ ¹	748	....	..	802	..	V. 147	679	..	..	..	..	..	..
287	..	.....	759	....	..	..	..	....	..	..	..	..	..	..	..
288	3.4	123 Tauri, ζ	744	51	1342	800	209	V. 152	684	..	245	..	115	..	..
289	2	46 ORIONIS, ε	753	37	1022	809	210	V. 160	686	..	247	..	116	128	..
290	5.4	40 Orionis, φ ²	746	34	1043	805	..	V. 156	685	..	246	127	..	..	..
291	6	26 Aurigæ	742	25	199	799	..	V. 155	687	..	248	..	..	..	..
292	5	49 Orionis, d	763	42	1069	816	..	V. 176	693	..	251	..	..	130	..
293	2	50 Orionis, ζ	768	43	1023	819	213	V. 188	698	..	252	..	117	132	..
294	2	COLUMBÆ, α	776	....	..	..	..	V. 196	699	..	253	..	118	133	..
295	..	.....	..	....	..	823	..	....	701	..	..	..	..	..	..
296	..	129 Tauri	777	....	..	830	..	V. 212	704	..	..	..	..	..	..
297	5.6	132 Tauri	784	30 Aurigæ.	189	835	219	V. 223	709	..	256	..	120	..	..
298	..	Columbæ, μ .....	..	....	..	..	..	V. 238	712	..	258	..	..	136	..
299	5.6	31 Camelopardali	773	....	..	831	..	V. 226	715	1027	261	..	121	..	..
300	..	.....	..	....	..	847	..	V. 244	721	..	..	..	..	..	..
301	5	136 Tauri	796	33 Aurigæ.	190	848	..	V. 247	722	..	263	..	123	..	..
302	..	.....	..	....	..	..	..	V. 256	727	..	..	..	..	..	..
303	3	Columbæ, β	815	....	..	..	..	V. 267	732	..	267	..	..	140	..
304	4.5	33 Aurigæ, δ	798	32	173	852	..	V. 262	733	1040	268	..	..	..	..
305	Var.	58 ORIONIS, α	810	48	1017	860	226	V. 268	734	..	269	137	124	..	..
306	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
307	2	34 Aurigæ, β	805	35	166	859	..	V. 269	735	1050	270	138	125	..	..
308	5.6	139 Tauri	812	37 Aurigæ.	191	862	227	V. 273	737	..	..	..	126	..	648
309	4	Columbæ, γ .....	..	....	..	..	..	V. 297	746	..	274	..	..	143	..
310	..	141 Tauri	826	....	..	871	229	V. 296	745	..	..	..	127	..	..
311	5	1 Geminorum	837	1	748	880	232	V. 307	749	..	276	..	128	..	..
312	6.5	36 Camelopardali	819	....	..	875	..	V. 314	..	1076	..	..	..	..	669
313	..	2 Geminorum	840	....	..	884	..	V. 323	754	..	..	..	129	..	..
314	..	3 Geminorum	847	....	..	891	236	V. 340	760	..	..	..	..	..	..
315	5.4	.....	834	22 Camel.	286	..	..	V. 335	761	1100	280	..	..	..	..
316	6	1 Lyncis	845	1	957	893	..	V. 351	770	1111	283	..	132	..	..
317	5.4	44 Aurigæ, κ	863	39	187	907	..	VI. 18	774	..	285	142	..	..	..
318	3.4	7 Geminorum, η	665	2	749	909	241	VI. 22	775	..	286	..	133	..	..
319	5.4	2 Lyncis	851	2	958	902	..	VI. 16	776	1123	287	..	..	..	..
320	..	43 Aurigæ	862	....	..	908	..	VI. 25	..	1128	..	..	..	..	..

281. Of the 8th magnitude, and of very nearly the same R. A. as δ Orionis.

284, 294, 298, 303, and 309. The designating letter is La Caille's.

286. The brightest of the four stars in the trapezium.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1838	..	^h 5. 23. (^m 50)	...	1840	3	[°] 90. 24. 32. 15	-3.149	.....	281
..	..	5. 24. (10)	...	1838	7	71. 34. 50. 51	3.123	120 Tauri.	282
1841	3	5. 24. 48. 87	+ 3.404	1841	3	75. 48. 47. 12	3.062	35 Orionis.	283
..	..	5. 25. (30)	...	1839	5	125. 35. 31. 22	3.008	Columbæ, ε.	284
1839	30	5. 25. 40. 47	2.642	1838	34	107. 56. 30. 67	2.991	11 Leporis, α.	285
1838	5	5. 27. 24. 95	2.941	..	..	95. 30.	..	41 Orionis, θ ¹ .	286
1839	5	5. 27. 42. 45	2.307	1839	6	119. 57. 47. 87	2.818	.....	287
1839	2	5. 28. 5. 13	3.579	1838	3	68. 57. 42. 68	2.779	123 Tauri, ζ.	288
1838	47	5. 28. 5. 75	3.040	1839	26	91. 18. 35. 65	2.781	46 ORIONIS, ε.	289
..	..	5. 28. (10)	...	1838	8	80. 48. 9. 04	2.778	40 Orionis, φ ² .	290
1839	1	5. 28. 21. 92	3.847	1841	1	59. 36. 35. 04	2.748	26 Aurigæ.	291
..	..	5. 31. (10)	...	1839	7	97. 18. 28. 48	2.517	49 Orionis, d.	292
1836	5	5. 32. 41. 21	3.021	1836	2	92. 2. 0. 73	2.400	50 Orionis, ζ.	293
1839	16	5. 33. 51. 40	2.169	1838	36	124. 9. 52. 12	2.285	COLUMBÆ, α,	294
1838	11	5. 33. 53. 28	3.403	1837	7	75. 54. 17. 08	2.288	.....	295
1841	3	5. 37. 33. 47	3.445	1841	2	74. 14. 47. 19	1.955	129 Tauri.	296
1841	1	5. 39. 11. 64	3.568	1841	1	65. 29. 34. 60	1.813	132 Tauri.	297
..	..	5. 44. (0)	...	1839	12	122. 22. 18. 74	1.748	Columbæ, μ.	298
..	..	5. 40. (40)	...	1839	12	30. 9. 29. 19	1.690	31 Camelopardali.	299
..	..	5. 41. (40)	...	1838	11	76. 0. 20. 80	1.602	.....	300
1839	11	5. 43. 16. 33	3.766	1838	20	62. 25. 58. 47	1.463	136 Tauri.	301
1841	1	5. 44. 35. 86	3.893	1841	2	58. 19. 48. 70	1.341	.....	302
..	..	5. 45. (20)	...	1839	12	125. 49. 58. 43	1.283	Columbæ, β.	303
..	..	5. 46. (20)	...	1839	17	35. 44. 13. 78	1.196	33 Aurigæ, δ.	304
1838	112	5. 46. 30. 64	3.243	1839	68	82. 37. 44. 73	1.177	58 ORIONIS, α.	305
1838	2	5. 47. 8. 16	3.668	1838	4	65. 46. 52. 60	1.137	.....	306
1836	4	5. 47. 47. 42	4.398	1837	36	45. 4. 37. 74	1.084	34 Aurigæ, β.	307
1841	1	5. 48. 3. 99	3.719	1841	3	64. 4. 22. 58	1.038	139 Tauri.	308
..	..	5. 51. (50)	...	1839	11	125. 18. 17. 04	0.715	Columbæ, γ.	309
..	..	5. 52. (0)	...	1838	10	67. 36. 38. 62	0.700	141 Tauri.	310
1838	3	5. 54. 23. 69	3.645	1838	3	66. 44. 6. 22	0.486	1 Geminorum.	311
..	..	5. 56. (40)	...	1841	2	24. 15. 26. 37	0.291	36 Camelopardali.	312
1836	2	5. 57. 3. 35	3.653	1838	2	66. 21. 12. 23	-0.270	2 Geminorum.	313
1841	2	6. 0. 0. 86	3.641	1841	3	66. 52. 3. 77	+0.007	3 Geminorum.	314
..	..	6. 1. (10)	...	1838	2	20. 38. 10. 76	0.102	.....	315
..	..	6. 3. (10)	...	1838	4	28. 26. 37. 52	0.277	1 Lyncis.	316
1839	7	6. 5. 10. 86	3.828	1839	10	60. 27. 1. 03	0.453	44 Aurigæ, κ.	317
1840	5	6. 5. 13. 01	+ 3.625	1838	5	67. 27. 13. 23	0.463	7 Geminorum, γ.	318
..	..	6. 5. (30)	...	1838	2	30. 56. 27. 14	0.481	2 Lyncis.	319
..	..	6. 6. (20)	...	1838	5	61. 51. 32. 79	+0.554	43 Aurigæ.	320

300. Of about the 7th magnitude: a brighter star follows whose N. P. D. is about 6' less.

310. Of about the 7th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
321	6	75 Orionis, <i>l</i>	877	62	1070	921	..	..	VI. 45	785	..	..	..	..	..	..
322	..	.....	..	....	..	..	..	..	VI. 43	784	..	..	..	136	..	..
323	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
324	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
325	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
326	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
327	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
328	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
329	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
330	..	Columbæ, κ .....	..	....	..	..	..	..	VI. 65	787	..	289	..	..	148	..
331	..	.....	..	....	..	..	..	..	....	..	..	..	..	137	..	..
332	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
333	..	46 Aurigæ	882	....	..	926	..	..	VI. 66	789	1147	290	..	..	..	..
334	3	13 GEMINORUM, μ	885	3	731	929	251	..	VI. 74	790	..	291	..	138	..	..
335	6	.....	..	....	..	..	..	..	....	..	1151	..	..	..	..	..
336	3. 2	2 Canis Majoris, β	894	2	319	936	..	..	VI. 92	797	..	293	..	141	150	..
337	..	15 Geminorum (1st star) ..	895	....	..	940	253	..	VI. 99	799	..	..	..	..	..	..
338	..	15 Geminorum (2nd star) ..	..	....	..	..	..	..	VI. 100	..	..	..	..	..	..	..
339	6. 5	48 Aurigæ	892	....	..	938	..	..	VI. 98	800	..	..	..	142	..	..
340	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
341	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
342	5. 4	18 Geminorum, ν	901	4	750	942	255	..	VI. 109	804	..	296	..	..	..	..
343	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
344	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
345	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
346	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
347	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
348	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
349	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
350	6	.....	..	....	..	..	..	..	VI. 126	808	..	..	..	149	..	741
351	..	.....	..	....	..	..	..	..	....	..	..	..	..	150	..	..
352	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
353	5	.....	..	51 Cephei	470	..	..	..	VI. 21	..	1141	295	..	143	..	739
354	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
355	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
356	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
357	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
358	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..
359	2. 3	24 Geminorum, γ	929	5	730	969	259	..	VI. 169	820	..	300	..	152	..	..
360	..	.....	..	....	..	..	..	..	....	..	..	..	..	..	..	..

324. Of about the 8th magnitude.

326. The brightest of three very small stars: perhaps of the 10th or 12th magnitude.

328. Of about the 8th magnitude.

330. The designating letter is La Caille's.

337. Of about the 8th magnitude.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1839	5	6. 8. 14.10 ^{h m s}	+ 3.303	..	..	80. 0. ^{o ' "}	" ...	75 Orionis, <i>l</i> .	321
..	..	6. 8.(20)	...	1838	4	62. 44. 5.37	+ 0.729	.....	322
1837	3	6. 8. 57.10	3.638	1837	3	66. 56. 19.95	0.766	.....	323
..	..	6. 8.(50)	...	1838	2	62. 57. 29.45	0.777	.....	324
..	..	6. 9.(10)	...	1837	3	66. 56. 38.76	0.799	.....	325
1837	3	6. 9. 17.23	3.638	..	..	66. 56. ....	...	.....	326
1837	1	6. 9. 27.30	3.638	1837	3	66. 58. 34.49	0.811	.....	327
..	..	6. 9.(40)	...	1838	2	62. 33. 23.73	0.851	.....	328
..	..	6. 10. (0)	...	1838	2	62. 39. 26.41	0.880	.....	329
..	..	6. 10.(50)	...	1839	6	125. 5. 23.90	0.948	Columbæ, <i>κ</i> .	330
..	..	6. 11.(30)	...	1837	2	59. 58. 10.40	1.000	.....	331
1836	4	6. 11. 49.09	3.841	1837	1	59. 57. 27.09	1.017	.....	332
..	..	6. 12.(30)	...	1841	9	40. 38. 22.34	1.093	46 Aurigæ.	333
1839	62	6. 13. 16.74	3.626	1839	54	67. 24. 40.19	1.164	13 GEMINORUM, <i>μ</i> .	334
..	..	6. 15.(30)	...	1841	4	11. 53. 43.04	1.355	.....	335
..	..	6. 15.(40)	...	1838	18	107. 52. 54.11	1.369	2 Canis Majoris, <i>β</i> .	336
..	..	6. 18. (0)	...	1837	2	69. 7. 38.48	1.593	15 Geminorum (1st star.)	337
1838	7	6. 18. 14.35	3.579	1837	2	69. 7. 8.08	1.593	15 Geminorum (2nd star.)	338
1838	7	6. 18. 16.84	3.856	1840	6	59. 24. 56.02	1.603	48 Aurigæ.	339
1837	1	6. 18. 49.52	3.577	1837	2	69. 5. 59.42	1.630	.....	340
..	..	6. 19.	...	1838	2	62. 56. 10.97	1.663	.....	341
1841	3	6. 19. 27.69	3.563	..	..	69. 42.	...	18 Geminorum, <i>ν</i> .	342
1837	2	6. 19. 39.31	3.576	1837	2	69. 5. 28.48	1.704	.....	343
1837	2	6. 19. 41.55	3.928	..	..	57. 8. ....	...	.....	344
..	..	6. 19.(50)	...	1838	3	62. 57. 8.63	1.736	.....	345
..	..	6. 20.	...	1839	2	67. 21. 19.74	1.748	.....	346
1837	2	6. 20. 9.49	3.930	..	..	57. 5. ....	...	.....	347
1837	3	6. 20. 31.15	3.930	..	..	57. 5. ....	...	.....	348
1837	2	6. 21. 59.89	3.930	..	..	57. 4. ....	...	.....	349
1836	2	6. 22. 0.65	3.918	1836	2	57. 26. 11.74	1.900	.....	350
..	..	6. 22.(50)	...	1337	3	56. 51. 57.31	1.987	.....	351
1837	2	6. 23. 12.69	3.963	..	..	56. 52. ....	...	.....	352
1840	17	6. 23. 25.69	30.874	1839	78	2. 44. 15.77	2.068	.....	353
..	..	6. 23.(30)	...	1838	3	61. 54. 31.24	2.068	.....	354
1837	1	6. 23. 29.25	3.936	..	..	56. 52. ....	...	.....	355
1837	4	6. 26. 42.79	3.984	..	..	55. 24. ....	...	.....	356
..	..	6. 27.	...	1837	2	55. 21. 1.71	2.317	.....	357
1837	1	6. 27. 18.28	3.984	..	..	55. 23. ....	...	.....	358
1841	4	6. 28. 27.99	3.464	1841	5	73. 28. 13.45	+ 2.490	24 Geminorum, <i>γ</i> .	359
1837	1	6. 28. 56.72	+ 3.984	..	..	55. 21. ....	...	.....	360

338. Of about the 7th magnitude.

340. The Transit Observer notes this as a very small star of about the 12th magnitude: the Circle Observers estimate it as being of the 9th or 10th magnitude.

343. Of about the 8th or 10th magnitude.

356, 357, 358. The order of these stars is doubtful: it is not certain that the R.A. and N. P. D. are correctly combined.

359. A fine star of the 2nd magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Brailey.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
361	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
362	5	55 Aurigæ	932	....	..	973	..	VI. 183	826	1206	304	..	..	..	..
363	6.5	26 Geminorum	940	....	..	982	262	VI. 202	828	..	305	..	154	..	..
364	3.4	27 Geminorum, ε	943	6	744	983	263	VI. 204	831	..	307	..	155	..	..
365	5	43 Camelopardali	931	27	287	980	..	VI. 208	835	1219	310	..	..	..	..
366	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
367	1	9 CANIS MAJORIS, α	953	7	318	994	266	VI. 227	838	..	312	148	157	157	..
368	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
369	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
370	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
371	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
372	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
373	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
374	3.4	34 Geminorum, θ	958	8	734	1003	..	VI. 248	846	..	315	..	..	..	..
375	5	15 Lyncis	951	5	960	998	..	VI. 250	847	1231	316	150	..	..	..
376	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
377	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
378	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
379	2.1	21 CANIS MAJORIS, ε	986	14	322	1023	..	VI. 304	869	..	322	..	170	164	..
380	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
381	..	.....	..	....	..	..	..	VI. 305	871	..	..	..	..	..	..
382	..	.....	..	....	..	..	..	VI. 311	..	..	..	..	172	..	..
383	4	43 Geminorum, ζ	985	12	745	1024	277	VI. 312	872	..	323	..	173	..	..
384	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
385	5	.....	..	25 Camel.	261	..	..	VI. 292	874	..	324	..	174	..	..
386	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
387	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
388	5	63 Aurigæ	997	13 Gemin.	758	1032	..	VI. 338	880	1273	328	..	..	..	..
389	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
390	5.4	46 Geminorum, τ	999	14	735	1033	281	VI. 341	881	..	329	..	179	..	..
391	6	47 Geminorum	1002	....	..	1034	..	VI. 343	882	..	..	..	180	..	..
392	2	25 Canis Majoris, δ	1014	18	321	1042	..	VII. 2	883	..	330	..	..	168	..
393	..	18 Lyncis	992	7	962	1031	..	VI. 340	..	1276	..	152	..	..	845
394	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
395	..	49 Geminorum	1006	....	..	1039	..	VII. 5	..	..	..	..	..	..	848
396	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
397	..	.....	..	....	..	..	..	VI. 334	..	1278	..	..	..	..	854
398	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
399	6	64 Aurigæ	1016	....	..	1052	..	VII. 32	892	1289	333	..	..	..	..
400	..	.....	..	....	..	1035	..	....	..	..	..	..	..	..	..

366. Of about the 6th or 7th magnitude.

367. The Annual Variations are taken from the Nautical Almanac; they include the Proper Motions $-0^{\circ}.034$ in R. A. and $+1''.14$ in N. P. D.

368. Of about the 6th or 8th magnitude.

377. Of about the 8th magnitude.

384. Of about the 7th magnitude.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A., January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^h 6. 29. (30)	...	1838	1	^o 67. 50. ["] 7.53	+ 2.567	.....	361
..	..	6. 31. (30)	...	1841	2	45. 19. 47.90	2.748	55 Aurigæ.	362
..	..	6. 33. (0)	...	1838	10	72. 12. 17.04	2.878	26 Geminorum.	363
1839	14	6. 34. 5.14	+ 3.695	1838	12	64. 43. 2.64	2.972	27 Geminorum, ε.	364
1838	5	6. 36. 24.90	6.520	1840	8	20. 56. 16.08	3.181	43 Camelopardali.	365
..	..	6. 36. (50)	...	1838	3	62. 42. 32.89	3.210	.....	366
1838	129	6. 38. 5.89	2.646	1838	234	106. 30. 6.98	4.461	9 CANIS MAJORIS, α.	367
..	..	6. 38. (50)	...	1838	3	62. 38. 13.68	3.383	.....	368
1836	2	6. 39. 50.37	3.990	..	..	55. 0. ....	...	.....	369
1837	2	6. 40. 34.56	4.099	..	..	51. 54. ....	...	.....	370
1837	2	6. 40. 51.06	4.099	..	..	51. 54. ....	...	.....	371
1836	2	6. 41. 33.87	3.988	..	..	55. 0. ....	...	.....	372
1837	2	6. 42. 12.43	4.098	..	..	51. 54. ....	...	.....	373
1841	3	6. 42. 14.25	3.962	1841	6	55. 51. 11.69	3.681	34 Geminorum, θ.	374
..	..	6. 43. (20)	...	1839	16	31. 22. 38.12	3.774	15 Lyncis.	375
..	..	6. 52.	...	1838	2	63. 52. 32.33	4.512	.....	376
..	..	6. 52. (10)	...	1838	4	63. 55. 57.78	4.526	.....	377
..	..	6. 52.	...	1838	2	115. 43. 41.04	4.536	.....	378
1840	32	6. 52. 20.26	2.356	1838	45	118. 45. 32.37	4.542	21 CANIS MAJORIS, ε.	379
1836	2	6. 52. 34.56	4.089	..	..	51. 54. ....	...	.....	380
1841	3	6. 53. 19.95	3.809	1841	6	60. 24. 6.36	4.631	.....	381
..	..	6. 54. (40)	...	1841	1	69. 10. 32.55	4.739	.....	382
1841	5	6. 54. 36.92	3.564	1841	7	69. 12. 4.67	4.739	43 Geminorum, ζ.	383
..	..	6. 54. (40)	...	1841	1	115. 43. 40.62	4.739	.....	384
1839	5	6. 57. 0.50	13.189	1838	16	7. 18. 11.57	4.918	.....	385
..	..	6. 59. (50)	...	1838	1	64. 0. 55.19	5.169	.....	386
..	..	7. 0. (30)	...	1838	2	64. 6. 23.04	5.230	.....	387
1836	2	7. 0. 38.43	4.135	1837	10	50. 25. 33.51	5.219	63 Aurigæ.	388
..	..	7. 0. (40)	...	1838	1	64. 4. 6.06	5.247	.....	389
1840	6	7. 0. 56.89	3.829	1839	5	59. 29. 58.40	5.271	46 Geminorum, τ.	390
1839	5	7. 1. 27.30	3.730	1839	5	62. 53. 13.34	5.309	47 Geminorum.	391
..	..	7. 1. (50)	...	1837	31	116. 8. 37.59	5.345	25 Canis Majoris, δ.	392
..	..	7. 1. (50)	...	1841	2	30. 5. 13.47	5.345	18 Lyncis.	393
1838	1	7. 2. 14.20	3.526	..	..	70. 24. ....	...	.....	394
..	..	7. 3. (0)	...	1838	3	63. 59. 27.90	5.433	49 Geminorum.	395
..	..	7. 5. (0)	...	1838	2	63. 43. 37.39	5.612	.....	396
..	..	7. 5. (10)	...	1841	6	8. 47. 55.24	5.626	.....	397
1837	1	7. 6. 31.93	4.188	..	..	48. 50. ....	...	.....	398
1837	2	7. 6. 53.89	4.188	1838	10	48. 50. 23.62	5.780	64 Aurigæ.	399
1840	6	7. 7. 12.50	+ 7.356	1840	8	16. 37. 27.89	+ 5.794	.....	400

386. Two stars bisected at the same time by the horizontal wire, their difference of R.A. being about 3° : of about the 8th magnitude.

387. Of the 9th magnitude.

389. Of the 10th magnitude.

396. Of about the 10th magnitude.

400. Of about the 6, 7th magnitude. This star is in the Histoire Celeste, p. 365.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
401	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
402	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
403	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
404	..	.....	..	....	..	..	..	....	..	1295	..	..	..	..	..
405	3.4	55 GEMINORUM, δ	1026	17	743	1062	288	VII. 57	900	..	337	..	188	..	..
406	..	59 Geminorum.....	1033	....	..	1071	291	VII. 83	909	..	..	..	..	..	891
407	4	60 Geminorum, ι	1037	20	736	1072	293	VII. 90	911	..	341	..	..	..	..
408	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
409	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
410	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
411	..	.....	..	....	..	..	..	....	..	1316	..	..	..	..	..
412	6	.....	..	....	..	..	..	VII. 92	..	1318	..	..	..	..	895
413	3.2	31 Canis Majoris, η	1049	21	323	1081	..	VII. 104	915	..	342	..	195	177	..
414	6.5	63 Geminorum.....	1042	23	757	1077	295	VII. 101	916	..	343	..	196	..	..
415	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
416	5	62 Geminorum, ρ	1041	21	732	1078	296	VII. 105	918	..	345	155	197	..	..
417	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
418	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
419	2.1	Geminorum, α^1 .....	..	....	..	..	..	VII. 127	..	..	..	..	..	..	..
420	2.1	66 GEMINORUM, α^2	1052	24	728	1087	299	VII. 128	927	..	346	156	202	..	..
421	6.5	68 Geminorum.....	1055	25	747	1091	300	VII. 131	929	..	347	..	203	..	..
422	4.5	69 Geminorum, ν	1058	26	738	1094	301	VII. 138	933	..	348	..	205	..	..
423	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
424	..	.....	..	....	..	..	..	VII. 156	..	1351	..	..	..	..	926
425	5	24 Lyncis	1057	11	969	1096	..	VII. 151	..	1349	..	..	..	..	927
426	6	74 Geminorum, f	1067	28	753	1103	305	VII. 166	940	..	349	..	209	..	..
427	1	10 CANIS MINORIS, α ..	1069	7	340	1106	306	VII. 168	941	..	350	..	210	..	..
428	..	.....	..	....	..	..	309	VII. 179	945	..	..	..	..	..	..
429	..	.....	..	....	..	..	..	VII. 182	..	..	..	..	..	..	..
430	6	76 Geminorum, c	1072	....	..	1109	310	VII. 183	946	..	..	..	..	..	..
431	4.3	77 Geminorum, κ	1073	30	739	1111	311	VII. 184	947	..	352	..	213	..	..
432	1.2	78 GEMINORUM, β	1076	32	729	1112	312	VII. 191	948	..	353	160	215	..	..
433	6.5	81 Geminorum, g	1080	34	754	1115	313	VII. 194	951	..	354	..	216	..	..
434	4	3 Argûs, τ	1088	....	..	1120	..	VII. 201	954	..	355	..	..	180	..
435	..	82 Geminorum.....	1082	....	..	1119	..	VII. 207	956	..	..	..	..	..	..
436	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
437	6.5	.....	..	....	..	..	..	....	..	1374	..	..	..	..	..
438	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
439	4.3	7 Argûs, ξ	1102	2	1012	1132	..	VII. 230	961	..	356	..	..	182	..
440	5	83 Geminorum, ϕ	1095	35	756	1128	315	VII. 233	963	..	358	..	222	..	..

401. Of about the 7th or 8th magnitude. This star is in the Histoire Celeste, p. 365.

412. A bright star of the 6th magnitude.

427. The Annual Variations include the Proper Motions $-0^{\circ}047$ in R.A., and $+0^{\circ}098$ in N.P.D.: they are taken from the Nautical Almanac.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1840	6	7. 7. 19.82	+ 7.356	1840	6	16. 37. 22.90	+ 5.808	.....	401
..	..	7. 8.(50)	...	1838	3	63. 46. 28.85	5.936	.....	402
1836	2	7. 9. 41.56	4.367	..	..	44. 30. ....	...	.....	403
..	..	7. 9.(40)	...	1836	8	44. 29. 2.62	6.003	.....	404
1839	67	7. 10. 33.68	3.592	1839	56	67. 43. 46.26	6.080	55 GEMINORUM, δ.	405
1841	1	7. 14. 35.64	3.742	..	..	62. 3.	...	59 Geminorum.	406
1839	8	7. 15. 46.83	3.746	1840	8	61. 53. 26.42	6.511	60 Geminorum, ι.	407
1837	1	7. 16. 23.42	4.490	1837	4	41. 37. 31.87	6.544	.....	408
..	..	7. 16.(20)	...	1837	1	41. 28. 51.46	6.547	.....	409
1837	2	7. 16. 25.68	4.490	..	..	41. 37. ....	...	.....	410
1836	2	7. 16. 49.81	4.482	1836	2	41. 45. 38.75	6.574	.....	411
1836	5	7. 16. 55.04	4.494	1837	2	41. 29. 54.98	6.585	.....	412
..	..	7. 17.(50)	...	1838	19	118. 59. 43.08	6.680	31 Canis Majoris, η.	413
..	..	7. 18.(10)	...	1838	12	68. 14. 1.57	6.706	63 Geminorum.	414
1841	1	7. 18. 42.53	3.860	..	..	57. 54. ....	...	.....	415
1841	2	7. 18. 48.63	3.860	1841	5	57. 54. 15.51	6.768	62 Geminorum, ρ.	416
..	..	7. 22.	...	1836	2	41. 28. 20.34	7.020	.....	417
1836	2	7. 22. 42.22	4.483	..	..	41. 31. ....	...	.....	418
..	..	7. 24.(20)	...	1838	11	57. 46. 5.45	7.221	Geminorum, α ¹ .	419
1838	110	7. 24. 22.86	3.857	1838	90	57. 46. 3.98	7.221	66 GEMINORUM, α ² .	420
1841	5	7. 24. 28.23	3.432	1841	4	73. 50. 6.89	7.230	68 Geminorum.	421
1841	5	7. 26. 3.30	3.711	1841	1	62. 45. 18.67	7.426	69 Geminorum, υ.	422
1836	6	7. 26. 27.14	4.453	1837	3	41. 53. 39.19	7.369	.....	423
1836	2	7. 29. 21.88	4.463	1836	2	41. 30. 9.59	7.598	.....	424
..	..	7. 29.(30)	...	1840	6	30. 55. 26.67	7.634	24 Lyncis.	425
..	..	7. 30.(10)	...	1838	11	71. 58. 2.37	7.686	74 Geminorum, f.	426
1838	137	7. 30. 55.27	3.145	1838	73	84. 22. 12.57	8.733	10 CANIS MINORIS, α.	427
1841	3	7. 33. 49.89	3.585	1841	3	67. 13. 46.82	7.989	.....	428
1838	6	7. 34. 18.46	3.629	1839	11	65. 22. 54.78	8.017	.....	429
1838	5	7. 34. 20.88	3.671	1838	10	63. 50. 28.63	8.020	76 Geminorum, c.	430
1839	10	7. 34. 46.77	3.634	1838	12	65. 13. 28.60	8.050	77 Geminorum, κ.	431
1838	127	7. 35. 30.96	3.684	1838	102	61. 35. 36.94	8.122	78 GEMINORUM, β.	432
1841	5	7. 36. 51.10	3.488	1841	1	71. 6. 20.83	8.230	81 Geminorum, g.	433
..	..	7. 37.(20)	...	1836	1	118. 34. 30.87	8.264	3 Argûs, τ.	434
1841	3	7. 38. 59.03	3.599	1841	7	66. 28. 9.73	8.400	82 Geminorum.	435
..	..	7. 39.(40)	...	1838	4	65. 20. 13.10	8.452	.....	436
..	..	7. 40.(50)	...	1841	2	15. 40. 0.88	8.542	.....	437
..	..	7. 42.(20)	...	1838	4	114. 31. 1.53	8.660	.....	438
..	..	7. 42.(30)	...	1837	29	114. 27. 45.67	8.672	7 Argûs, ξ.	439
1840	6	7. 43. 41.73	+ 3.686	1839	4	62. 49. 35.87	+ 8.772	83 Geminorum, φ.	440

432. The Annual Variation in R.A. includes the Proper Motion -0.048 : it is taken from the Nautical Almanac.

438. Of about the 8th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baill's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baill's Hevelius.	Number in Bessel's Bradley.	Number in Baill's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in Fric's Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3900 Stars.
441	5.4	11 Argûs, ϵ	1117	....	..	1141	..	VII. 266	974	..	..	..	..	..	..
442	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
443	5	6 Cancrî	1120	37 Gemin.	764	1149	318	VII. 285	984	..	..	230	..	..	..
444	5.4	27 Lyncis	1121	12	971	1154	..	VII. 294	987	1406	362	..	..	..	..
445	6	55 Camelopardali.....	1112	3 U. Maj.	1498	1148	..	....	988	1404	363	..	..	..	..
446	..	9 Cancrî, μ^1	1131	....	..	1157	..	VII. 298	989	..	364	..	232	..	..
447	..	.....	..	....	..	1159	..	....	..	1411	..	..	..	..	..
448	3	15 ARGÛS, ι	1148	3	1013	1170	..	VII. 320	995	..	366	..	..	190	..
449	6.5	.....	1132	....	..	..	..	VII. 311	..	1415	..	..	..	..	1002
450	..	.....	1149	....	..	..	328	VIII. 3	997	..	..	..	..	..	1005
451	5.4	16 Cancrî, ζ^1	1150	7	298	1175	327	VIII. 5	998	..	..	..	236	..	..
452	..	Cancrî, ζ^2 .....	..	....	..	..	326	VIII. 6	..	..	..	..	..	..	..
453	6	15 Cancrî	1147	38 Gemin.	765	1173	325	VIII. 4	999	..	..	237	..	..	..
454	..	.....	..	....	..	..	..	VIII. 15	..	..	..	..	..	..	..
455	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
456	6	58 Camelopardali.....	1151	....	..	1178	..	VIII. 19	..	1426	..	..	..	..	1014
457	6	19 Cancrî, λ	1167	....	..	1182	333	VIII. 41	1012	..	..	..	..	..	..
458	5	31 Lyncis	1165	13	965	1183	..	VIII. 43	1014	1430	369	..	..	..	..
459	3.4	1 Ursæ Majoris, σ	1169	6	1466	1186	..	VIII. 57	1020	1438	370	173	245	..	..
460	..	23 Cancrî, ϕ^2 (1st star)....	..	....	..	..	..	....	..	..	..	..	..	..	..
461	6	23 Cancrî, ϕ^2 (2nd star) ..	1174	11	314	1191	337	VIII. 64	1024	..	..	..	..	..	..
462	6	31 Cancrî, θ	1189	13	300	1203	343	VIII. 85	1035	..	371	..	251	..	..
463	6	33 Cancrî, η	1193	14	299	1207	346	VIII. 88	1037	..	372	..	..	..	..
464	..	34 Cancrî	1194	....	..	1209	..	VIII. 91	1038	..	..	..	..	..	..
465	5.4	4 Ursæ Majoris, π	1186	8	1470	1206	..	VIII. 96	1042	1455	373	..	..	..	..
466	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
467	..	39 Cancrî	1213	....	..	1222	356	VIII. 126	1050	..	..	..	..	..	..
468	..	40 Cancrî	1214	....	..	1223	358	VIII. 127	1051	..	..	..	..	..	..
469	..	.....	..	....	..	..	..	....	..	1463	..	..	..	..	..
470	..	Pixidis Nauticæ, β .....	..	....	..	..	..	VIII. 145	1061	..	377	..	..	201	..
471	4.5	43 Cancrî, γ	1221	19	292	1230	364	VIII. 142	1060	..	376	..	256	..	..
472	..	.....	1220	....	..	..	..	....	..	..	..	..	..	..	..
473	4	47 Cancrî, δ	1227	20	293	1236	366	VIII. 150	1066	..	379	178	258	..	..
474	4	Pixidis Nauticæ, α .....	..	....	..	..	..	VIII. 162	1070	..	380	..	..	204	..
475	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
476	3.4	11 HYDRÆ, ϵ	1239	4	813	1243	..	VIII. 164	1073	..	381	..	..	..	..
477	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
478	6	58 Cancrî, ρ^3	1255	....	..	1258	..	VIII. 204	1087	..	..	..	..	..	..
479	..	.....	..	....	..	..	..	....	..	1480	..	..	..	..	..
480	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..

442. Of about the 7th magnitude.

451 and 452. This is noted by the Transit Observer as a very beautiful object: it was seen triple with a power of 170.

453. Proper Motion (from Piazzi) in R.A. = $-0^{\circ} 04$.

460, 461. A pretty close double star: the first of about the 7th magnitude: the second of about the 6th magnitude.

466. Preceding Groombridge 1463 by about 2^m .

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1838	5	7. 49. 58.73 ^{h m s}	+ 2.578	..	..	112. 27. ^{o ' "}	...	11 Argûs, e.	441
1841	1	7. 52. 45.33	3.505	..	..	69. 45. ....	...	.....	442
1840	6	7. 53. 40.70	3.701	1840	9	61. 45. 47.33	+ 9.550	6 Cancrî.	443
..	..	7. 56. (20)	...	1841	6	38. 2. 22.63	9.749	27 Lyncis.	444
1838	5	7. 56. 48.09	6.107	1839	35	21. 3. 53.04	9.782	55 Camelopardali.	445
1841	5	7. 56. 48.90	3.567	1841	2	66. 54. 48.81	9.791	9 Cancrî, μ^1 .	446
..	..	7. 58. (20)	...	1840	2	47. 6. 26.70	9.901	.....	447
1839	49	8. 0. 43.82	2.560	1839	36	113. 50. 50.52	10.085	15 Argûs, ι .	448
..	..	8. 1. (0)	...	1841	7	33. 4. 33.31	10.104	.....	449
1838	5	8. 2. 32.75	3.278	..	..	79. 42. ....	...	.....	450
1841	5	8. 3. 1.62	3.446	1841	1	71. 52. 31.47	10.260	16 Cancrî, ζ^1 .	451
..	..	8. 3. (0)	...	1841	1	71. 52. 34.97	10.266	Cancrî, ζ^2 .	452
1841	3	8. 3. 13.07	3.736	1839	13	59. 52. 11.66	10.270	15 Cancrî.	453
1836	2	8. 5. 54.27	4.675	1836	6	35. 22. 10.82	10.449	.....	454
1837	4	8. 6. 2.98	4.700	1836	5	34. 56. 57.49	10.459	.....	455
..	..	8. 7. (30)	...	1838	8	31. 45. 56.48	10.586	58 Camelopardali.	456
1839	12	8. 11. 0.68	3.583	1838	15	65. 28. 45.88	10.854	19 Cancrî, λ .	457
..	..	8. 11. (50)	...	1840	7	46. 18. 18.44	10.911	31 Lyncis.	458
..	..	8. 16. (50)	...	1839	25	28. 45. 16.14	11.281	1 Ursæ Majoris, ϵ .	459
..	..	8. 17. (0)	...	1838	8	62. 32. 54.49	11.289	23 Cancrî, φ^2 (1st star.)	460
1838	5	8. 17. 6.09	3.643	1838	10	62. 32. 49.91	11.290	23 Cancrî, φ^2 (2nd star.)	461
1841	6	8. 22. 27.82	3.437	1840	7	71. 22. 11.40	11.679	31 Cancrî, θ .	462
1839	11	8. 23. 26.78	3.485	1839	13	69. 1. 13.72	11.749	33 Cancrî, η .	463
1838	5	8. 23. 57.11	3.271	..	..	79. 24.	...	34 Cancrî.	464
..	..	8. 26. (10)	...	1840	4	25. 7. 16.02	11.940	4 Ursæ Majoris, π .	465
..	..	8. 29.	...	1841	1	9. 25. 17.97	12.140	.. .....	466
1841	5	8. 30. 53.58	3.467	..	..	69. 26.	...	39 Cancrî.	467
1841	5	8. 30. 58.75	3.466	..	..	69. 28.	...	40 Cancrî.	468
..	..	8. 31. (40)	...	1841	3	9. 23. 9.60	12.325	.....	469
..	..	8. 33. (50)	...	1839	6	124. 44. 43.93	12.473	Pixidis Nauticæ, β .	470
1839	2	8. 34. 1.06	3.494	..	..	67. 57.	...	43 Cancrî, γ .	471
..	..	8. 34. (40)	...	1841	3	34. 21. 49.75	12.530	.....	472
1839	12	8. 35. 34.93	3.423	1838	10	71. 15. 44.64	12.585	47 Cancrî, δ .	473
..	..	8. 37. (10)	...	1839	11	122. 36. 49.14	12.700	Pixidis Nauticæ, α .	474
1936	2	8. 37. 16.35	4.732	..	..	31. 52. ....	...	.....	475
1839	54	8. 38. 17.87	3.197	1839	37	82. 59. 55.15	12.779	11 HYDRÆ, ϵ .	476
1836	2	8. 38. 59.68	4.722	1836	3	31. 53. 7.75	12.802	.....	477
1837	1	8. 46. 3.69	3.614	1837	2	61. 27. 59.52	13.149	58 Cancrî, ρ^3 .	478
..	..	8. 46. (50)	...	1841	7	8. 32. 34.30	13.345	.....	479
1838	5	8. 48. 12.76	+ 3.468	1838	6	68. 2. 20.92	+ 13.427	.....	480

472. The magnitude of this star is uncertain: on one occasion the Observer has estimated it to be of the 7th magnitude, but at another time he has noted it as being of the 10th. It is doubtful whether this star is identical with Baily's Flamsteed, No. 1220; the N. P. D. differs by 3' or 4'.

470 and 474. The designating letter is La Caille's.

478. Proper Motion (from Baily) in R.A. +0.051.

480. Of about the 8th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
481	3	9 Ursæ Majoris, ι	1257	11	1461	1260	..	VIII. 212	1092	1492	385	183	..	..	..
482	..	61 Cancri, σ^3	1260	....	..	1267	..	VIII. 216	..	..	..	..	267	..	1088
483	6	63 Cancri, σ^2	1262	....	..	1266	386	VIII. 219	1094	..	..	..	..	..	..
484	4	65 Cancri, α	1268	25	289	1269	387	VIII. 222	1097	..	386	..	268	..	..
485	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
486	..	13 Ursæ Majoris, σ^2	1271	13	1472	1276	..	VIII. 241	..	1510	..	186	..	..	1100
487	..	.....	1281	17 U. Maj.	1465	..	..	VIII. 245	1103	..	388	..	..	..	..
488	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
489	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
490	5	76 Cancri, κ	1290	27	303	1287	392	VIII. 255	1106	..	389	..	274	..	..
491	5	77 Cancri, ξ	1291	28	295	1289	393	VIII. 259	1109	..	390	..	275	..	..
492	..	79 Cancri	1293	....	..	1291	394	VIII. 262	1111	..	..	..	..	..	..
493	5	16 Ursæ Majoris, c	1287	18	1473	1288	..	VIII. 261	..	1521	..	..	..	..	1110
494	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
495	6	17 Ursæ Majoris	1294	....	..	1293	..	IX. 4	..	1525	..	..	..	..	1113
496	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
497	5	18 Ursæ Majoris, e	1297	19	1479	1297	..	IX. 8	1118	1526	391	..	..	..	..
498	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
499	6	83 Cancri	1314	....	..	1309	..	IX. 42	1130	..	..	..	282	..	..
500	..	.....	..	....	..	1313	..	....	1132	..	..	..	..	..	..
501	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
502	4.5	.....	..	1 Draconis	685	..	..	IX. 37	1135	1537	395	..	..	..	..
503	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
504	6	41 Lynceis	1327	22 U. Maj.	1501	1325	..	IX. 78	..	1546	..	194	..	..	1139
505	3.4	23 Ursæ Majoris, h	1324	21	1474	1323	..	IX. 82	1146	1548	398	..	..	..	..
506	2	30 HYDRÆ, α	1334	14	811	1330	406	IX. 89	1147	..	399	195	285	222	..
507	5.4	24 Ursæ Majoris, d	1325	20	1475	1324	..	IX. 86	1148	1550	400	..	..	..	..
508	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
509	3	25 Ursæ Majoris, θ	1332	23	1463	1332	..	IX. 98	1152	1554	402	197	..	..	..
510	5.4	4 Leonis, λ	1341	3	861	1335	407	IX. 100	1153	..	403	..	288	..	..
511	6	5 Leonis, ξ	1345	4	864	1338	408	IX. 106	1154	..	404	..	289	..	..
512	6	6 Leonis, h	1346	5	869	1339	409	IX. 108	1155	..	..	..	290	..	..
513	5	26 Ursæ Majoris	1338	25	1478	1336	..	IX. 104	..	1556	..	..	..	..	1154
514	..	.....	..	....	..	..	..	....	..	1562	..	..	..	..	..
515	6	27 Ursæ Majoris	1340	24	1512	1342	..	IX. 121	..	1563	..	..	..	..	1162
516	4.3	14 Leonis, σ	1372	8	870	1360	414	IX. 151	1171	..	408	..	297	..	..
517	6	16 Leonis, ψ	1377	9	865	1366	415	IX. 160	1174	..	..	..	298	..	..
518	..	.....	1366	....	..	1363	..	....	..	..	..	..	..	..	..
519	3	17 LEONIS, ϵ	1379	10	856	1368	416	IX. 164	1175	..	..	..	299	..	..
520	4.3	29 Ursæ Majoris, v	1380	27	1476	1371	..	IX. 174	1179	1581	411	208	300	..	..

481. The Annual Variation in R.A. is taken from the Nautical Almanac; it includes the Proper Motion $-0^{\circ}.070$.

489. Of about the 8th magnitude.

494. Of the 8. 9th magnitude.

REFERRED TO THE 1ST OF JANUARY, 1840.

27

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1839	35	8. 48. 13.15 ^{h m s}	+ 4.129	1839	56	41. 20. 6.90 ^{o ' "}	+13.437	9 Ursæ Majoris, ι .	481
1841	3	8. 48. 14.54	3.662	1841	4	59. 9. 23.49	13.442	61 Cancri, σ^3 .	482
1841	4	8. 48. 38.55	3.358	..	..	73. 49.	...	63 Cancri, σ^2 .	483
1841	5	8. 49. 43.76	3.288	..	..	77. 32.	...	65 Cancri, α .	484
1838	5	8. 49. 43.95	3.462	1838	6	68. 13. 3.33	13.525	.....	485
..	..	8. 56. (10)	...	1841	3	22. 13. 23.22	13.942	13 Ursæ Majoris, σ^2 .	486
..	..	8. 56. (20)	...	1840	4	50. 54. 46.68	13.952	.....	487
..	..	8. 58.	...	1838	1	68. 18. 40.79	14.047	.....	488
1838	5	8. 58. 33.81	3.446	1838	9	68. 21. 4.03	14.085	.....	489
1841	5	8. 59. 4.42	3.260	1841	1	78. 41. 31.77	14.127	76 Cancri, κ .	490
1840	8	9. 0. 8.96	3.465	1837	2	67. 18. 42.14	14.180	77 Cancri, ξ .	491
..	..	9. 1. (10)	...	1837	2	67. 21. 32.14	14.252	79 Cancri.	492
..	..	9. 1. (40)	...	1841	2	27. 55. 27.34	14.285	16 Ursæ Majoris, c .	493
1838	5	9. 3. 35.27	3.431	1838	6	68. 40. 14.22	14.395	.....	494
..	..	9. 4. (0)	...	1841	1	32. 36. 3.09	14.427	17 Ursæ Majoris.	495
1838	5	9. 4. 17.22	3.435	1838	5	68. 26. 15.08	14.437	.....	496
..	..	9. 4. (40)	...	1840	21	35. 19. 21.73	14.466	18 Ursæ Majoris, e .	497
1838	5	9. 9. 29.81	3.425	1838	8	68. 31. 0.65	14.751	.....	498
1840	6	9. 10. 2.49	3.370	1841	8	71. 37. 13.78	14.787	83 Cancri.	499
1838	8	9. 11. 51.50	3.523	1837	4	64. 9. 23.94	14.885	.....	500
..	..	9. 12.	...	1837	1	64. 8. 51.12	14.898	.....	501
1838	5	9. 13. 42.19	9.413	1838	20	7. 58. 35.58	14.994	.....	502
1839	10	9. 14. 44.99	3.410	1839	5	68. 57. 23.54	15.061	.....	503
..	..	9. 18. (10)	...	1841	5	43. 42. 6.26	15.258	41 Lynceis.	504
..	..	9. 18. (50)	...	1838	2	26. 14. 38.68	15.287	23 Ursæ Majoris, h .	505
1838	78	9. 19. 43.40	2.950	1839	46	97. 58. 6.79	15.350	30 HYDRÆ, α .	506
1838	5	9. 20. 12.86	5.501	1841	2	19. 28. 21.07	15.381	24 Ursæ Majoris, d .	507
1838	5	9. 21. 0.32	3.382	1838	7	69. 50. 28.76	15.413	.....	508
1839	26	9. 22. 6.95	4.054	1838	71	37. 35. 52.22	16.085	25 Ursæ Majoris, θ .	509
1838	11	9. 22. 34.80	3.442	1838	12	66. 19. 49.74	15.507	4 Leonis, λ .	510
1841	5	9. 23. 18.91	3.250	1840	2	77. 59. 33.94	15.548	5 Leonis, ξ .	511
1838	5	9. 23. 22.54	3.224	..	..	79. 35.	...	6 Leonis, h .	512
..	..	9. 23. (50)	...	1836	2	37. 14. 28.44	15.576	26 Ursæ Majoris.	513
..	..	9. 28. (0)	...	1841	2	10. 8. 15.70	15.802	.....	514
..	..	9. 28. (0)	...	1841	2	17. 1. 35.08	15.802	27 Ursæ Majoris.	515
1840	8	9. 32. 36.29	3.221	1839	12	79. 22. 59.76	16.048	14 Leonis, α .	516
1837	2	9. 35. 0.57	3.277	1836	2	75. 15. 0.15	16.162	16 Leonis, ψ .	517
1840	7	9. 35. 16.57	4.686	1839	6	26. 0. 47.96	16.184	.....	518
1838	74	9. 36. 45.42	+ 3.427	1839	58	65. 29. 32.86	16.266	17 LEONIS, ϵ .	519
..	..	9. 39. (30)	...	1837	82	30. 12. 47.32	+16.407	29 Ursæ Majoris, ν .	520

509. The Annual Variations include the Proper Motions $-0''.120$ in R. A. and $+0''.60$ in N. P. D.; they are taken from the Nautical Almanac.

518. Of about the 6th magnitude.

520. Proper Motion in N. P. D. (from Argelander) = $+0''.18$.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
521	4	24 Leonis, μ	1395	12	862	1384	..	IX. 194	1187	..	413	211	301	..	..
522	..	.....	..	....	..	1383	..	....	..	..	..	..	..	..	..
523	5	27 Leonis, ν	1410	13	867	1395	425	IX. 216	1193	..	415	..	304	..	..
524	6	12 Sextantis	1415	....	..	..	..	IX. 223	1195	..	..	..	..	..	..
525	5	29 Leonis, π	1416	14	871	1398	427	IX. 225	1197	..	416	..	..	..	..
526	3.4	30 Leonis, η	1430	16	858	1403	432	IX. 245	1206	..	418	..	308	..	..
527	5	31 Leonis, A	1432	17	872	1405	433	IX. 248	1207	..	419	..	..	..	..
528	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
529	1.2	32 LEONIS, α	1433	18	852	1406	434	IX. 251	1209	..	421	215	310	..	..
530	6	.....	..	29 Camel.	259	1399	..	IX. 252	..	1620	..	..	..	..	1221
531	3.4	33 Ursæ Majoris, λ	1449	29	1481	1421	..	X. 20	1219	1629	423	218	314	..	..
532	..	40 Leonis	1460	....	..	1431	442	X. 36	1227	..	..	221	..	..	..
533	2	41 Leonis, γ^1	1461	21	853	1432	443	X. 38	1228	..	425	222	316	..	..
534	..	Leonis, γ^2 .....	..	....	..	..	..	....	..	..	..	..	..	..	..
535	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
536	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
537	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
538	3	34 Ursæ Majoris, μ	1463	31	1482	1434	..	X. 45	1230	1642	426	..	..	..	..
539	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
540	..	24 Sextantis	1473	....	..	1442	..	X. 57	..	..	..	..	..	..	1249
541	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
542	..	26 Sextantis	1482	....	..	1450	..	X. 73	1239	..	..	..	..	..	..
543	5	36 Ursæ Majoris	1481	32	1511	1454	..	X. 80	1244	1649	431	..	..	..	..
544	5	29 Sextantis	1491	....	..	1457	..	X. 86	1246	..	..	..	..	..	..
545	4	47 Leonis, ρ	1501	23	873	1467	452	X. 102	1254	..	433	..	319	..	..
546	5	37 Ursæ Majoris	1496	34	1510	1464	..	X. 101	1255	1660	434	..	..	..	..
547	6	48 Leonis	1504	11 Sextantis	1338	1468	453	X. 110	1256	..	435	..	321	..	..
548	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
549	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
550	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
551	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
552	5	.....	1510	35 U. Maj.	1520	..	..	X. 126	1266	1673	438	..	322	..	..
553	..	34 Sextantis	1525	....	..	1484	..	X. 138	1270	..	..	232	..	..	..
554	..	36 Sextantis	1529	....	..	1491	..	X. 147	1275	..	..	..	..	..	..
555	6	51 Leonis, m	1530	25	874	1492	..	X. 149	1278	..	..	..	..	..	..
556	6	52 Leonis, k	1532	26	875	1494	461	X. 152	1279	..	..	..	..	..	..
557	5	53 Leonis, l	1539	27	876	1500	463	X. 162	1284	..	..	..	325	..	..
558	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
559	..	.....	..	....	..	..	..	....	..	1702	..	..	326	..	..
560	5	45 Ursæ Majoris, ω	1548	38	1483	1510	..	X. 182	1291	1703	444	..	..	..	..

522. Of the 6th magnitude.

533, 534. Proper Motion in R. A. (taken from Baily) = +0.024.

535. The Observer once noted this as a star of the 15th magnitude, which is probably too high an order: at subsequent observations it is estimated as being of the 12th and the 10th magnitudes.

537. Extremely small.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^h 9. 43. (40)	^s ...	1838	6	63. 14. 34. 48	+ 16. 606	24 Leonis, μ .	521
1840	6	9. 46. 49. 95	+ 5. 912	1840	11	14. 28. 42. 57	16. 763	.....	522
1840	6	9. 49. 36. 46	3. 239	1839	14	76. 47. 41. 93	16. 897	27 Leonis, ν .	523
..	..	9. 51. (20)	...	1838	10	85. 51. 12. 24	16. 975	12 Sextantis.	524
1839	6	9. 51. 45. 18	3. 179	1839	10	81. 11. 27. 86	16. 998	29 Leonis, π .	525
1838	6	9. 58. 36. 00	3. 283	1838	12	72. 27. 35. 98	17. 301	30 Leonis, η .	526
1836	1	9. 59. 24. 33	3. 197	..	..	79. 13.	...	31 Leonis, A.	527
..	..	9. 59.	...	1841	1	77. 13. 28. 56	17. 323	.....	528
1838	107	9. 59. 50. 67	3. 222	1838	115	77. 15. 13. 08	17. 363	32 LEONIS, α .	529
1838	6	10. 5. 15. 88	10. 511	..	..	4. 56. ....	...	.....	530
..	..	10. 7. (30)	...	1837	67	46. 17. 22. 78	17. 684	33 Ursæ Majoris, λ .	531
1836	1	10. 11. 1. 07	3. 296	..	..	69. 43.	...	40 Leonis.	532
1838	27	10. 11. 8. 51	3. 300	1838	34	69. 21. 6. 87	17. 835	41 Leonis, γ^1 .	533
..	..	.....	...	1839	2	69. 21. 7. 81	17. 832	Leonis, γ^2 .	534
1837	3	10. 11. 13. 86	2. 976	1837	5	98. 32. 10. 77	17. 830	.....	535
..	..	10. 11.	...	1837	1	99. 6. 40. 56	17. 818	.....	536
1837	2	10. 11. 20. 85	2. 970	1837	5	99. 9. 6. 31	17. 836	.....	537
..	..	10. 12. (50)	...	1840	3	47. 42. 3. 00	17. 903	34 Ursæ Majoris, μ .	538
1837	6	10. 14. 44. 74	2. 979	1837	5	98. 35. 25. 10	17. 971	.....	539
1838	1	10. 15. 16. 84	3. 068	..	..	90. 6.	...	24 Sextantis.	540
1838	1	10. 16. 35. 33	3. 067	..	..	90. 8. ....	...	.....	541
1838	5	10. 18. 26. 65	3. 067	..	..	90. 11.	...	26 Sextantis.	542
..	..	10. 20. (20)	...	1839	12	33. 12. 6. 48	18. 186	36 Ursæ Majoris.	543
1838	5	10. 21. 20. 98	3. 050	..	..	91. 55.	...	29 Sextantis.	544
1838	12	10. 24. 22. 85	3. 167	1838	17	79. 52. 20. 81	18. 335	47 Leonis, ρ .	545
..	..	10. 24. (50)	...	1838	16	32. 5. 45. 47	18. 345	37 Ursæ Majoris.	546
1841	5	10. 26. 26. 85	3. 142	1841	6	82. 13. 28. 19	18. 400	48 Leonis.	547
1837	1	10. 26. 42. 59	2. 954	..	..	102. 10. ....	...	.....	548
1837	2	10. 27. 29. 01	2. 955	..	..	102. 10. ....	...	.....	549
1837	5	10. 27. 45. 17	2. 955	1837	6	102. 10. 28. 48	18. 447	.....	550
1837	5	10. 31. 23. 64	2. 945	1837	5	103. 40. 23. 35	18. 569	.....	551
..	..	10. 31. (30)	...	1838	12	20. 5. 22. 32	18. 580	.....	552
1839	10	10. 34. 21. 51	3. 106	1841	4	85. 34. 58. 74	18. 673	34 Sextantis.	553
1838	5	10. 36. 54. 61	3. 096	..	..	86. 40.	...	36 Sextantis.	554
..	..	10. 37. (50)	...	1838	6	70. 16. 0. 51	18. 774	51 Leonis, m .	555
1837	1	10. 37. 56. 41	3. 195	1837	9	74. 57. 45. 18	18. 779	52 Leonis, k .	556
1840	6	10. 40. 50. 39	3. 161	1840	11	78. 36. 36. 17	18. 870	53 Leonis, l .	557
1836	2	10. 44. 42. 59	+ 3. 948	..	..	26. 11. ....	...	.....	558
..	..	10. 44. (40)	...	1836	2	26. 12. 2. 43	18. 980	.....	559
..	..	10. 44. (40)	...	1840	4	45. 57. 36. 35	+ 18. 980	45 Ursæ Majoris, w .	560

539. The brightest of a group of six stars; apparently of about the 8th magnitude.

550. Of about the 9th magnitude.

551. Of about the 10th magnitude.

558, 559. Probably the same star: several stars in the field.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Bayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
561	2.3	48 Ursæ Majoris, β	1561	40	1454	1523	..	X. 207	1301	1726	449	..	328	..	..
562	5	58 Leonis, d	1564	30	880	1526	465	X. 210	1302	..	450	..	329	..	..
563	5	59 Leonis, c	1565	31	879	1527	466	X. 211	1303	..	451	..	330	..	..
564	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
565	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
566	2	50 Ursæ Majoris, α	1563	42	1453	1528	..	X. 217	1305	1729	452	240	331	..	..
567	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
568	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
569	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
570	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
571	5	63 Leonis, χ	1574	34	878	1535	468	X. 236	1310	..	454	242	333	..	..
572	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
573	3	52 Ursæ Majoris, ψ	1581	45	1484	1542	..	X. 253	1315	1741	456	244	..	..	..
574	5	69 Leonis, p^5	1586	....	..	1547	..	XI. 11	1321	..	..	..	..	..	..
575	2.3	68 LEONIS, δ	1585	35	854	1546	470	XI. 10	1320	..	459	246	336	..	..
576	6	.....	1587	....	..	..	..	XI. 12	1322	..	..	..	..	..	..
577	6	73 Leonis, α	1591	38	881	1550	472	XI. 20	1325	..	..	..	338	..	..
578	5.4	74 Leonis, ρ	1593	39	885	1551	473	XI. 23	1327	..	461	..	..	257	..
579	6	75 Leonis.....	1594	....	..	1552	..	XI. 24	1328	..	462	..	..	..	..
580	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
581	3.4	12 CRATERIS, δ	1600	2	583	1557	..	XI. 38	1333	..	467	250	..	258	..
582	4	77 Leonis, σ	1601	40	883	1558	474	XI. 42	1334	..	468	..	345	..	..
583	..	78 Leonis, ι	1604	41	882	1560	475	XI. 54	1338	..	469	..	347	..	..
584	6	.....	..	....	..	..	..	XI. 59	..	1776	..	..	..	..	1369
585	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
586	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
587	..	83 Leonis.....	1613	....	..	1568	477	XI. 70	..	..	..	253	350	..	1374
588	5	84 Leonis, τ	1615	42	884	1570	478	XI. 76	1347	..	473	..	352	..	..
589	3.4	1 Draconis, λ	1617	3	662	1572	..	XI. 86	1350	1790	474	..	356	..	..
590	5	87 Leonis, e	1622	43	886	1576	479	XI. 89	1352	..	475	..	..	262	..
591	..	17 Crateris.....	1624	....	..	1578	..	XI. 96	1354	..	..	..	..	..	..
592	..	.....	..	....	..	..	481	XI. 98	1355	..	..	..	..	..	..
593	..	20 Crateris.....	1630	....	..	1584	..	XI. 110	..	..	..	..	..	..	1396
594	5.4	91 Leonis, ν	1634	45	888	1586	482	XI. 116	1362	..	478	..	359	..	..
595	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
596	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
597	4	63 Ursæ Majoris, χ	1650	54	1485	1600	..	XI. 152	1370	1823	481	261	..	..	..
598	4.5	3 Virginis, ν	1651	2	1410	1601	486	XI. 153	1371	..	482	262	365	..	..
599	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
600	2	94 LEONIS, β	1657	48	855	1605	488	XI. 163	1375	..	484	264	366	..	..

564. Several stars in the field.

567. Of about the 8.9th magnitude.

569. Of about the 8th magnitude.

571. Proper Motion (from Argelander) in R.A. = $-0^{\circ}.021$.

564, 565. Probably the same star.

568. Of the 6.7th magnitude.

570. Of the 5.6th magnitude.

576. Santini 774.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R.A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N.P.D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	10. 52. (10)	...	1838	75	32. 45. 42.05	+19.182	48 Ursæ Majoris, β .	561
1841	5	10. 52. 17.66	+ 3.100	1841	4	85. 31. 30.22	19.186	58 Leonis, d .	562
1840	6	10. 52. 26.96	3.116	1837	2	83. 2. 27.92	19.185	59 Leonis, c .	563
..	..	10. 52.	...	1836	2	26. 1. 12.01	19.190	.....	564
1836	2	10. 52. 27.63	3.867	..	..	26. 4. ....	...	.....	565
1838	64	10. 53. 47.85	3.805	1838	233	27. 23. 12.85	19.226	50 Ursæ Majoris, α .	566
1840	5	10. 53. 55.01	3.135	1840	7	80. 16. 15.36	19.225	.....	567
1837	2	10. 55. 5.35	3.939	1837	1	23. 19. 6.76	19.252	.....	568
1840	7	10. 55. 23.64	3.133	1840	6	80. 24. 32.83	19.262	.....	569
1837	3	10. 55. 54.08	3.930	1837	2	23. 15. 44.12	19.271	.....	570
1839	14	10. 56. 45.59	3.123	1839	17	81. 48. 2.38	19.296	63 Leonis, χ .	571
1837	2	10. 57. 6.08	3.913	1837	2	23. 17. 22.89	19.300	.....	572
..	..	11. 0. (40)	...	1836	59	44. 38. 5.31	19.388	52 Ursæ Majoris, ψ .	573
1841	1	11. 5. 34.24	3.074	1841	1	89. 12. 0.15	19.494	69 Leonis, p^{δ} .	574
1838	96	11. 5. 35.35	3.194	1839	75	68. 36. 2.80	19.494	68 LEONIS, δ .	575
1839	5	11. 5. 42.70	3.119	1839	8	81. 3. 53.22	19.495	.....	576
1836	2	11. 7. 29.35	3.146	1837	3	75. 49. 16.70	19.529	73 Leonis, n .	577
1841	5	11. 8. 31.59	3.056	..	..	92. 47.	...	74 Leonis, ϕ .	578
1840	2	11. 9. 3.43	3.085	1840	3	87. 6. 39.58	19.562	75 Leonis.	579
1836	3	11. 9. 31.25	3.646	..	..	26. 55. ....	...	.....	580
1839	40	11. 11. 20.66	3.001	1839	41	103. 54. 49.25	19.606	12 CRATERIS, δ .	581
1839	11	11. 12. 52.96	3.103	1839	10	83. 5. 41.76	19.633	77 Leonis, σ .	582
1838	1	11. 15. 34.46	3.121	1840	2	78. 35. 24.00	19.678	78 Leonis, ι .	583
..	..	11. 16. (50)	...	1840	2	33. 16. 24.21	19.681	.....	584
..	..	11. 17.	...	1836	2	26. 0. 12.98	19.712	.....	585
1836	2	11. 17. 33.69	3.576	..	..	26. 4. ....	...	.....	586
1839	1	11. 18. 39.10	3.086	..	..	86. 7.	...	83 Leonis.	587
1840	7	11. 19. 42.40	3.085	1839	6	86. 15. 48.21	19.746	84 Leonis, τ .	588
..	..	11. 21. (50)	...	1839	42	19. 47. 11.80	19.778	1 Draconis, λ .	589
1841	5	11. 22. 8.33	3.062	1841	2	92. 7. 17.15	19.783	87 Leonis, e .	590
1838	5	11. 24. 20.66	2.955	..	..	118. 23.	...	17 Crateris.	591
1838	5	11. 24. 39.78	3.043	..	..	96. 57. ....	...	.....	592
1837	1	11. 26. 43.76	2.947	1838	10	121. 59. 5.57	19.843	20 Crateris.	593
1839	11	11. 28. 45.27	3.070	1839	13	89. 56. 27.80	19.869	91 Leonis, v .	594
1837	5	11. 33. 55.58	3.002	1837	8	113. 29. 52.38	19.925	.....	595
1839	5	11. 37. 27.93	3.085	1839	9	83. 36. 53.87	19.959	.....	596
..	..	11. 37. (30)	...	1839	8	41. 20. 1.31	19.959	63 Ursæ Majoris, χ .	597
1837	8	11. 37. 38.00	3.086	1837	9	82. 34. 27.72	19.959	3 Virginis, v .	598
1839	4	11. 39. 24.19	3.084	1839	7	83. 13. 16.70	19.975	.....	599
1838	112	11. 40. 53.59	+ 3.066	1838	86	74. 32. 1.85	+19.986	94 LEONIS, β .	600

580. Of the 6th magnitude.

585, 586. Perhaps the same star.

587. Proper Motion in R.A. (from Baily) = -0.046 .591. The first of two stars composing a double star, and differing about 0.2 in R.A.600. The Annual Precession in R.A. includes the Proper Motion -0.035 : it is taken from the Nautical Almanac.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
601	..	.....	1658	....	..	..	..	....	..	..	..	..	..	..	..
602	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
603	3.4	5 Virginis, β	1659	4	1405	1606	489	XI. 166	1376	..	485	265	367	..	..
604	4	28 Crateris	1660	....	..	1607	..	XI. 172	1378	..	486	..	..	267	..
605	2.3	64 Ursæ Majoris, γ	1661	56	1456	1608	..	XI. 174	1379	1831	487	266	368	..	..
606	6	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
607	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
608	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
609	6	7 Virginis, b	1669	5	1413	1617	494	XI. 208	1385	..	..	..	371	..	..
610	4.5	8 Virginis, π	1670	6	1412	1618	495	XI. 211	1386	..	488	..	373	..	..
611	..	.....	..	....	..	..	496	XI. 213	1388	..	..	..	374	..	..
612	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
613	5	67 Ursæ Majoris	1673	58	1513	1621	..	XI. 217	..	1847	..	269	..	..	1452
614	..	.....	..	....	..	..	..	XI. 218	..	..	..	..	..	..	1453
615	4	9 Virginis, ϵ	1675	8	1411	1623	498	XI. 228	1392	..	489	..	377	..	..
616	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
617	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
618	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
619	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
620	6	3 Corvi	1682	....	..	1629	..	XII. 4	1400	..	..	..	..	..	..
621	..	.....	..	....	..	..	..	XII. 6	..	..	..	..	..	..	1477
622	5.4	.....	..	31 Camel.	262	1634	..	XII. 10	1404	..	492	..	..	..	..
623	3.4	69 Ursæ Majoris, δ	1691	59	1455	1637	..	XII. 22	1407	1862	493	..	382	..	..
624	6	2 Canum Venaticorum ...	1694	1	355	1640	..	XII. 27	..	1864	..	..	..	..	1489
625	..	13 Virginis	1696	....	..	1643	504	XII. 38	1412	..	497	..	383	..	..
626	..	14 Virginis	1698	....	..	1644	..	XII. 41	1413	..	..	..	..	..	1499
627	3.4	15 Virginis, η	1701	12	1406	1647	505	XII. 44	1415	..	498	..	384	..	..
628	6	.....	..	....	..	..	..	....	..	1871	..	275	..	..	..
629	..	.....	..	....	..	1656	..	....	..	..	..	..	..	..	..
630	5	16 Virginis, c	1705	11	1435	1652	506	XII. 50	1417	..	499	274	385	..	..
631	6	.....	..	....	..	1672	..	....	..	1884	..	278	..	..	..
632	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
633	5.6	6 Canum Venaticorum ...	1720	3	356	1664	..	XII. 79	..	1890	..	..	..	..	1522
634	6	18 Comæ Berenices	1729	8	553	1674	..	XII. 100	1436	..	..	..	..	..	..
635	..	.....	..	....	..	..	..	XII. 118	..	..	..	..	..	..	1539
636	6	21 Virginis, q	1739	....	..	1683	515	XII. 119	1446	..	..	..	..	..	..
637	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
638	2.3	9 CORVI, β	1742	....	576	1685	..	XII. 123	1448	..	508	..	390	285	..
639	4.5	8 Canum Venaticorum ...	1743	4	354	1686	..	XII. 126	1449	1905	509	281	..	..	..
640	3.4	5 Draconis, κ	1746	6	661	1689	..	XII. 129	1450	1906	510	..	..	..	..

602. A very faint star of about the 10th magnitude.

603. Proper Motion (from Argelander) in R.A. = +0°.05.

" " " " in N.P.D. = +0°.275.

607. Of about the 9th magnitude.

618. Of about the 8. 9th magnitude.

608. Of about the 8. 9th magnitude.

621. Of about the 7th magnitude.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A., January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1840	5	11. 40. 58.34 ^{h m s}	+ 3.104 ^s	1839	5	72. 51. 56.06 ^o	+19.987	.....	601
..	..	11. 41. (40)	...	1838	4	71. 13. 31.97	19.992	.....	602
1839	13	11. 42. 21.60	3.075	1838	13	87. 20. 1.93	19.907	5 Virginis, β .	603
..	..	11. 44. (50)	...	1839	12	123. 1. 7.95	20.012	28 Crateris.	604
1838	72	11. 45. 23.00	3.190	1838	192	35. 24. 56.53	20.015	64 Ursæ Majoris, γ .	605
1837	4	11. 46. 34.43	3.031	1837	7	114. 49. 38.93	20.021	.....	606
..	..	11. 47. (0)	...	1840	1	83. 18. 33.36	20.021	.....	607
1839	5	11. 47. 16.32	3.079	1840	9	83. 17. 25.04	20.025	.....	608
1839	8	11. 51. 45.12	3.074	1840	7	85. 27. 13.39	20.043	7 Virginis, b .	609
1836	1	11. 52. 40.53	3.074	1838	9	82. 29. 36.86	20.045	8 Virginis, π .	610
1838	5	11. 52. 50.29	3.067	..	..	90. 52. ....	...	.....	611
..	..	11. 53. (20)	...	1840	1	46. 3. 56.98	20.047	.....	612
..	..	11. 54. (0)	...	1840	6	46. 3. 59.51	20.049	67 Ursæ Majoris.	613
..	..	11. 54. (20)	...	1840	3	46. 0. 8.40	20.050	.....	614
1839	1	11. 57. 3.47	3.073	..	..	80. 23.	...	9 Virginis, σ .	615
1840	4	11. 59. 21.63	3.070	1839	7	84. 35. 43.62	20.056	.....	616
..	..	12. 0. (0)	...	1839	3	85. 1. 48.56	20.056	.....	617
1839	5	12. 0. 30.95	3.070	1840	7	86. 0. 3.13	20.056	.....	618
..	..	12. 1. (10)	...	1840	5	86. 0. 10.82	20.056	.....	619
1838	5	12. 2. 50.10	3.074	..	..	112. 43.	...	3 Corvi.	620
1839	5	12. 3. 29.14	3.068	1839	8	85. 3. 13.90	20.054	.....	621
1838	5	12. 4. 37.00	2.949	..	..	11. 30. ....	...	.....	622
1836	19	12. 7. 28.54	3.003	1838	170	32. 4. 40.90	20.045	69 Ursæ Majoris, δ .	623
..	..	12. 8. (10)	...	1840	2	48. 26. 55.24	20.043	2 Canum Venaticorum.	624
1839	7	12. 10. 28.20	3.068	..	..	89. 54.	...	13 Virginis.	625
1838	5	12. 11. 6.32	3.077	..	..	98. 1.	...	14 Virginis.	626
1840	7	12. 11. 43.18	3.070	1839	11	89. 46. 38.15	20.029	15 Virginis, η .	627
1839	6	12. 12. 6.53	1.557	1839	12	2. 40. 28.41	20.029	.....	628
..	..	12. 12.	...	1838	10	2. 33. 56.60	20.029	.....	629
1836	3	12. 12. 13.30	+ 3.026	1836	4	85. 47. 45.50	20.028	16 Virginis, c .	630
1839	5	12. 14. 28.33	- 0.387	..	..	1. 25. ....	...	.....	631
1840	1	12. 15. 27.42	+ 1.067	..	..	2. 35. ....	...	.....	632
..	..	12. 18. (0)	...	1840	4	50. 5. 34.24	19.994	6 Canum Venaticorum.	633
..	..	12. 21. (30)	...	1838	10	65. 0. 20.80	19.969	18 Comæ Berenices.	634
..	..	12. 25. (30)	...	1836	2	81. 26. 21.12	19.935	.....	635
1841	5	12. 25. 31.42	3.092	1841	5	98. 34. 7.22	19.932	21 Virginis, q .	636
..	..	12. 25.	...	1836	1	83. 9. 2.46	19.930	.....	637
1839	79	12. 25. 59.57	3.133	1839	42	112. 30. 40.42	19.926	9 Corvi, β .	638
..	..	12. 26. (10)	...	1840	6	47. 46. 19.01	19.925	8 Canum Venaticorum.	639
1838	3	12. 26. 36.97	+ 2.600	1836	54	19. 19. 45.31	+19.920	5 Draconis, κ .	640

628. Several other stars in the field; the one observed considerably the brightest; perhaps of the 6th magnitude.

629. Of the 10th or 12th magnitude.

630. Proper Motion (from Argelander) in R.A. = -0.019.

635. Santini 855.

640. Proper Motion (from Piazzini) in R.A. = -0.03.

,, ,, in N.P.D. = +0.18.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Baily.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
641	..	6 Draconis	1749	....	..	1691	..	XII. 135	..	1908	..	..	..	..	1546
642	3. 2	29 Virginis. γ	1758	15	1407	1698	520	XII. 157	1465	..	513	284	394	289	..
643	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
644	6	10 Canum Venaticorum ..	1764	....	..	1705	..	XII. 171	..	1921	..	285	..	..	1560
645	5. 6	.....	..	....	..	..	..	....	..	1922	..	..	..	..	..
646	6	30 Comæ Berenices.	1771	13	555	1711	..	XII. 192	1479	..	..	..	..	..	..
647	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
648	..	38 Virginis.	1780	....	..	1718	525	XII. 208	1484	..	..	287	396	..	..
649	5	35 Comæ Berenices.	1782	14	562	1719	..	XII. 212	1486	..	516	..	..	..	..
650	5	40 Virginis, ψ	1783	20	1437	1721	526	XII. 214	1488	..	517	..	..	..	..
651	2	77 Ursæ Majoris, ϵ	1787	64	1457	1722	..	XII. 220	1489	1932	518	..	..	..	..
652	3	43 Virginis, δ	1786	21	1408	1723	527	XII. 223	1491	..	519	288	400	..	..
653	5. 4	.....	..	32 Camel.	257	1730	..	XII. 230	..	1937	520	..	..	..	1588
654	5. 4	.....	..	32 Camel.	257	1731	..	XII. 232	..	1940	521	..	..	..	1589
655	..	12 Canum Venat. (1st star)	..	....	..	..	..	....	..	..	..	..	..	..	..
656	3	12 Canum Venat. (2nd star)	1788	7	353	1725	..	XII. 226	1492	1935	522	289	..	..	..
657	6	78 Ursæ Majoris	1797	66	1494	1736	..	XII. 248	..	1948	..	..	..	..	1602
658	5	14 Canum Venaticorum ..	1800	9	360	1739	..	XII. 266	1503	..	526	..	..	..	..
659	6	49 Virginis, g	1803	24	1438	1742	531	XII. 272	1506	..	528	..	..	..	..
660	4. 5	51 Virginis, θ	1809	25	1422	1747	532	XII. 281	1511	..	531	..	404	297	..
661	5	53 Virginis	1815	26	1439	1752	533	XIII. 9	1514	..	533	297	..	298	..
662	4	43 Comæ Berenices.	1820	17	558	1755	..	XIII. 15	1515	..	..	298	..	..	..
663	5	.....	1824	11 Can. Ven.	363	..	..	XIII. 27	..	1968	..	..	..	..	1628
664	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
665	5	61 Virginis	1832	29	1441	1763	535	XIII. 44	1523	..	534	301	..	299	..
666	3	Centauri, ι .....	..	....	..	..	..	XIII. 53	1527	..	538	..	..	301	..
667	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
668	1	67 VIRGINIS, α	1846	30	1403	1774	539	XIII. 75	1533	..	539	302	406	302	..
669	2	79 Ursæ Majoris, ζ^1	1849	67	1458	1776	..	XIII. 78	1534	1987	540	303	407	..	..
670	..	Ursæ Majoris, ζ^2 .....	..	....	..	1777	..	XIII. 79	..	1988	..	..	408	..	..
671	5	80 Ursæ Majoris, g	1850	68	1523	1779	..	XIII. 85	1537	1990	542	..	409	..	..
672	5. 6	69 Virginis	1848	31	1440	1778	541	XIII. 82	1536	..	..	..	..	..	..
673	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
674	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
675	5	74 Virginis, l^2	1856	32	1423	1784	544	XIII. 115	1545	..	543	..	..	..	..
676	6	.....	..	....	..	..	..	....	..	2008	..	..	..	..	..
677	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
678	5	78 Virginis	1863	34	1419	1788	..	XIII. 125	1549	..	..	306	..	..	..
679	3. 4	79 Virginis, ζ	1864	35	1424	1789	546	XIII. 128	1550	..	544	307	410	..	..
680	5	24 Canum Venaticorum ..	1868	16	373	1791	..	XIII. 138	..	2015	..	308	..	..	1672

642. Proper Motion (from Argelander) in R. A. = $-0^{\circ}.035$.644. Proper Motion in R. A. (from Baily) = $-0^{\circ}.049$.652. Proper Motion (from Argelander) in R. A. = $-0^{\circ}.028$.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R.A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N.P.D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1838	2	12. 27. 55.90	+ 2.600	..	..	19. 6.	...	6 Draconis.	641
1839	14	12. 33. 33.31	3.072	1838	19	90. 34. 15.49	+19.841	29 Virginis, γ .	642
1836	2	12. 36. 1.48	2.678	..	..	28. 5. ....	...	.....	643
1837	5	12. 37. 24.32	2.885	1837	10	49. 51. 2.33	19.792	10 Canum Venaticorum.	644
..	..	12. 37.(40)	...	1840	4	43. 41. 2.90	19.786	.....	645
..	..	12. 41.(30)	...	1840	2	61. 34. 30.71	19.728	30 Comæ Berenices.	646
1836	2	12. 41. 32.09	2.622	..	..	28. 17. ....	...	.....	647
..	..	12. 45. (0)	...	1840	1	92. 40. 55.87	19.670	38 Virginis.	648
..	..	12. 45.(20)	...	1841	2	67. 53. 2.34	19.662	35 Comæ Berenices.	649
1840	6	12. 46. 2.25	3.108	1841	5	98. 40. 6.90	19.651	40 Virginis, ψ .	650
..	..	12. 47. (0)	...	1838	111	33. 10. 13.64	19.637	77 Ursæ Majoris. ϵ .	651
1836	4	12. 47. 32.63	3.004	1836	8	85. 43. 54.89	19.629	43 Virginis, δ .	652
..	..	12. 47.(50)	...	1836	6	5. 42. 42.94	19.619	.....	653
..	..	12. 48. (0)	...	1836	8	5. 43. 1.18	19.618	.....	654
1838	5	12. 48. 30.65	2.842	1838	29	50. 49. 12.33	19.608	12 Canum Venat. (1st star.)	655
1838	58	12. 48. 31.93	2.841	1839	61	50. 48. 58.38	19.607	12 Canum Venat. (2nd star.)	656
..	..	12. 53.(50)	...	1840	4	32. 46. 11.65	19.505	78 Ursæ Majoris.	657
1838	5	12. 58. 14.95	2.820	..	..	53. 21.	...	14 Canum Venaticorum.	658
1841	5	12. 59. 31.21	3.130	1841	4	99. 53. 0.02	19.382	49 Virginis, g .	659
1838	17	13. 1. 40.21	3.099	1838	34	94. 40. 59.17	19.334	51 Virginis, θ .	660
1841	5	13. 3. 33.03	3.170	1841	3	105. 20. 1.69	19.290	53 Virginis.	661
1838	5	13. 4. 23.99	2.787	..	..	61. 18.	...	43 Comæ Berenices.	662
..	..	13. 6.(30)	...	1841	2	48. 59. 55.01	19.217	.....	663
1841	1	13. 7. 9.74	3.119	1841	3	97. 12. 34.80	19.199	.....	664
1838	5	13. 10. 2.49	3.106	..	..	107. 25.	...	61 Virginis.	665
..	..	13. 11.(40)	...	1838	5	125. 52. 0.01	19.082	Centauri, ι .	666
..	..	13. 11.(40)	...	1839	2	125. 16. 11.50	19.082	.....	667
1838	157	13. 16. 46.25	3.151	1838	83	100. 19. 26.96	18.940	67 VIRGINIS, α .	668
1836	2	13. 17. 28.16	2.419	1837	197	34. 14. 14.44	18.920	79 Ursæ Majoris, ζ^1 .	669
..	..	13. 17.(30)	...	1838	69	34. 14. 27.04	18.920	Ursæ Majoris, ζ^2 .	670
..	..	13. 18.(50)	...	1837	6	34. 10. 34.79	18.856	80 Ursæ Majoris, g .	671
1841	5	13. 18. 55.54	3.192	1841	3	105. 8. 30.71	18.876	69 Virginis.	672
..	..	13. 22.	...	1840	1	37. 17. 35.35	18.785	.....	673
1841	3	13. 22. 32.01	3.128	1841	6	97. 2. 7.84	18.768	.....	674
1836	2	13. 23. 39.14	3.113	1836	1	95. 25. 39.34	18.739	74 Virginis, f .	675
..	..	13. 24.(20)	...	1840	2	47. 4. 7.13	18.713	.. .....	676
1841	2	13. 25. 55.03	3.137	1841	5	97. 47. 41.01	18.661	.....	677
1838	5	13. 26. 1.55	3.029	..	..	85. 31.	...	78 Virginis.	678
1837	3	13. 26. 32.67	+ 3.066	1837	4	89. 46. 32.73	18.646	79 Virginis, ζ .	679
..	..	13. 27.(50)	...	1836	2	40. 9. 51.07	+18.600	24 Canum Venaticorum.	680

662. Proper Motion in R.A. (from Argelander) = -0.037 .665. Proper Motion in R.A. (from Argelander) = -0.072 .

666. The designating letter is La Caille's.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
681	..	.....	1875	....	..	..	..	XIII. 161	..	..	..	..	..	..	..
682	6	1 Bootis	1874	2	241	1797	..	XIII. 160	1555	..	..	..	..	..	..
683	6	82 Virginis, <i>m</i>	1873	36	1426	1796	548	XIII. 162	1556	..	545	..	411	..	..
684	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
685	6	84 Virginis, <i>o</i>	1877	....	..	1800	..	XIII. 169	1558	..	..	309	..	..	..
686	6	.....	..	....	..	..	..	XIII. 184	..	2034	..	..	..	..	..
687	4.5	1 Centauri, <i>i</i>	1880	....	..	1803	..	XIII. 178	1562	..	546	..	..	306	..
688	6	86 Virginis	1884	....	..	1805	551	XIII. 186	1565	..	..	..	..	..	..
689	6	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
690	6	3 Bootis	1889	19 Can. Ven.	364	1808	..	XIII. 196	1568	..	..	..	..	..	..
691	6.5	.....	..	....	..	..	..	....	..	2044	..	..	..	..	..
692	5.4	4 Bootis, τ	1891	3	219	1810	..	XIII. 199	1569	..	547	311	..	..	..
693	5	2 Centauri, <i>g</i>	1887	....	..	1807	..	XIII. 202	1573	..	548	..	..	309	..
694	5	89 Virginis	1893	....	..	1811	553	XIII. 204	1574	..	..	..	..	..	..
695	2	85 Ursæ Majoris, η	1902	72	1459	1815	554	XIII. 209	1575	2050	549	312	415	..	..
696	4.5	3 Centauri, <i>k</i>	1895	....	..	1814	..	XIII. 216	1579	..	552	..	..	310	..
697	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
698	4.5	4 Centauri, <i>h</i>	1903	....	..	1817	..	XIII. 221	1580	..	553	..	..	311	..
699	5	10 Draconis, <i>i</i>	1918	7	684	1823	..	XIII. 243	1586	2059	554	..	..	..	..
700	3	8 Bootis, η	1912	6	207	1821	..	XIII. 240	1587	..	555	314	417	..	..
701	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
702	6	86 Ursæ Majoris	1916	73	1491	1824	..	XIII. 250	..	2062	..	..	..	..	1719
703	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
704	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
705	..	.....	1932	....	..	..	..	XIII. 296	..	2073	..	..	..	..	1743
706	3	5 Centauri, θ	1926	....	..	1831	558	XIII. 293	1604	..	559	..	..	317	..
707	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
708	3.4	11 Dracouis, α	1937	8	660	1836	..	XIII. 312	1607	2076	560	317	421	..	..
709	..	.....	..	....	..	1840	..	....	..	..	..	..	..	..	..
710	4.5	98 Virginis, κ	1940	41	1434	1842	563	XIV. 14	1615	..	562	..	423	321	..
711	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
712	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
713	4	99 Virginis, ι	1947	44	1433	1846	565	XIV. 28	1619	..	563	320	425	322	..
714	..	Bootis, κ^1	1952	....	..	..	..	XIV. 30	..	..	..	..	..	..	..
715	4.5	17 Bootis, κ^2	..	12	212	1849	..	XIV. 31	..	2088	..	..	..	..	..
716	1	16 Bootis, α	1950	11	205	1847	566	XIV. 32	1620	..	565	321	426	..	..
717	6.5	.....	..	....	..	..	..	....	..	2091	564	..	..	..	..
718	5	4 Ursæ Minoris	1974	4	1534	1859	..	XIV. 49	..	2094	566	322	..	..	..
719	..	.....	1962	....	..	..	..	....	..	..	..	..	..	..	..
720	..	101 Virginis	1953	....	..	..	..	....	..	..	..	..	..	..	..

695. The Annual Precession in R. A. is taken from the Nautical Almanac, and includes the Proper Motion $-0^{\circ} \cdot 033$.

696. 1840, April 18. Seen distinctly double; the smaller star following and having the greater N. P. D.

706. Proper Motion in N. P. D. (from Baily) $+0'' \cdot 98$.

712. Of the 10th magnitude, or smaller.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^h 13. 33. (0)	...	1838	2	^o 69. 10. 29.26	+ 18.427	.....	681
..	..	13. 33. (0)	...	1838	6	69. 13. 58.24	18.427	1 Bootis.	682
1840	8	13. 33. 13.19	+ 3.143	1838	10	97. 53. 35.85	18.419	82 Virginis, <i>m</i> .	683
..	..	13. 34.	...	1837	1	88. 11. 34.43	18.391	.....	684
..	..	13. 35. (0)	...	1840	2	85. 38. 59.28	18.356	84 Virginis, <i>o</i> .	685
1841	5	13. 36. 30.93	1.868	1840	6	24. 22. 4.32	18.315	.....	686
..	..	13. 36. (40)	...	1837	18	122. 13. 54.81	18.298	1 Centauri, <i>i</i> .	687
1840	3	13. 37. 25.25	3.180	1838	3	101. 37. 20.20	18.268	86 Virginis.	688
1841	3	13. 38. 46.37	3.158	1841	4	98. 54. 18.46	18.219	.....	689
1838	5	13. 39. 17.28	2.739	..	..	63. 30.	...	3 Bootis.	690
..	..	13. 39. (30)	...	1840	2	48. 6. 23.06	18.193	.....	691
..	..	13. 39. (40)	...	1841	2	71. 44. 35.31	18.187	4 Bootis, <i>τ</i> .	692
..	..	13. 40. (10)	...	1839	12	123. 38. 57.37	18.169	2 Centauri, <i>g</i> .	693
1841	6	13. 41. 11.30	3.248	1841	4	107. 20. 4.35	18.129	89 Virginis.	694
1838	94	13. 41. 13.65	2.353	1837	205	39. 53. 9.90	18.130	85 Ursæ Majoris, <i>η</i> .	695
..	..	13. 42. (40)	...	1839	10	122. 11. 52.83	18.078	3 Centauri, <i>k</i> .	696
..	..	13. 42. (50)	...	1839	1	120. 49. 24.79	18.070	.....	697
..	..	13. 44. (0)	...	1839	13	121. 8. 4.91	18.026	4 Centauri, <i>h</i> .	698
1838	5	13. 46. 45.59	1.751	1836	16	24. 29. 5.67	17.923	10 Draconis, <i>i</i> .	699
1838	118	13. 47. 3.91	2.861	1839	62	70. 47. 51.66	17.906	8 Bootis, <i>η</i> .	700
1841	2	13. 47. 24.82	3.165	1841	3	98. 58. 6.81	17.890	.....	701
1839	2	13. 47. 57.28	2.218	1839	9	35. 28. 56.13	17.870	86 Ursæ Majoris.	702
1841	3	13. 48. 10.22	3.169	1841	3	99. 14. 47.64	17.860	.....	703
..	..	13. 53. (0)	...	1837	1	91. 9. 29.86	17.670	.....	704
1839	2	13. 57. 2.02	2.242	1836	2	38. 15. 23.99	17.504	.....	705
..	..	13. 57. (20)	...	1839	10	125. 34. 48.36	17.485	5 Centauri, <i>θ</i> .	706
..	..	13. 57.	...	1837	1	125. 36. 55.97	17.495	.....	707
1836	11	14. 0. 3.69	1.625	1839	75	24. 51. 27.80	17.364	11 Draconis, <i>α</i> .	708
1839	5	14. 4. 5.30	3.404	1838	5	115. 51. 28.42	17.188	.....	709
1839	14	14. 4. 22.07	3.183	1839	16	99. 31. 33.35	17.171	98 Virginis, <i>κ</i> .	710
1837	1	14. 5. 33.54	3.111	1837	1	93. 33. 3.36	17.127	.....	711
1841	1	14. 7. 22.14	3.200	1841	1	100. 27. 23.89	17.034	.....	712
..	..	14. 7. (40)	...	1836	1	95. 14. 0.53	17.023	99 Virginis, <i>ι</i> .	713
..	..	14. 7. (40)	...	1839	7	37. 27. 40.67	17.023	Bootis, <i>κ</i> ¹ .	714
1839	2	14. 7. 44.82	2.147	1840	9	37. 27. 33.67	17.020	17 Bootis, <i>κ</i> ² .	715
1838	202	14. 8. 21.87	2.734	1838	236	69. 58. 54.48	18.950	16 Bootis, <i>α</i> .	716
..	..	14. 9. (10)	...	1836	18	19. 48. 54.43	16.958	.....	717
..	..	14. 9. (30)	...	1836	2	11. 42. 2.10	16.932	4 Ursæ Minoris.	718
1839	5	14. 9. 40.07	2.109	1838	7	36. 43. 4.66	16.930	.....	719
1837	5	14. 9. 49.53	+ 2.862	1837	10	73. 59. 36.43	+ 16.928	101 Virginis.	720

714, 715. A pretty double star: the second star the brighter.

716. The Annual Variations include the Proper Motions -0.078 in R. A. and $+1''.96$ in N. P. D.; they are taken from the Nautical Almanac.

719. From the 6th to the 8th magnitude.

720. A star of the 6th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in Fiske's Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
721	4	19 Bootis, λ	1957	15	215	1852	..	XIV. 41	1623	2092	567	323	..	..	..
722	..	100 Virginis, λ	1951	45	1428	1850	567	XIV. 37	1624	..	568	..	427	324	..
723	4.5	21 Bootis, μ	1960	17	213	1854	..	XIV. 42	1625	2093	569	324	..	..	..
724	6	18 Bootis	1956	13	250	1853	..	XIV. 46	1627	..	..	..	..	..	..
725	..	.....	1967	....	..	..	..	....	..	..	..	..	..	..	..
726	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
727	..	2 Libræ.....	1966	....	..	1860	570	XIV. 64	1631	..	..	..	428	..	..
728	..	.....	..	....	..	..	..	XIV. 68	1633	..	..	..	..	..	1787
729	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
730	4.3	23 Bootis, θ	1982	21	214	1867	..	XIV. 92	1639	2110	570	326	430	..	..
731	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
732	4.3	25 Bootis, ρ	1986	22	216	1869	..	XIV. 112	1643	..	572	..	..	..	..
733	5.4	5 Ursæ Minoris.....	2006	5	1533	1873	..	XIV. 136	1652	2130	575	332	..	..	..
734	..	.....	..	....	..	..	..	....	..	2127	..	..	..	..	..
735	..	.....	2001	....	..	..	..	....	..	2135	..	..	..	..	..
736	3.4	30 Bootis, ζ	1999	27	211	1876	..	XIV. 152	1660	..	577	..	..	..	..
737	6	32 Bootis	2002	....	..	1879	..	XIV. 157	1664	..	..	..	..	..	..
738	6	54 Hydræ.....	2005	....	..	1881	..	XIV. 163	1667	..	..	335	..	..	1838
739	..	.....	..	....	..	..	580	XIV. 166	1668	..	..	..	..	..	..
740	..	5 Libræ.....	2007	....	..	1882	..	XIV. 167	1669	..	..	..	..	..	..
741	..	Bootis, ϵ^1 .....	..	....	..	..	..	....	..	..	..	..	..	..	..
742	2.3	36 Bootis, ϵ^1	2016	31	206	1890	..	XIV. 175	1672	..	583	..	438	..	..
743	..	55 Hydræ.....	2008	....	..	1885	..	XIV. 169	1671	..	..	..	..	..	..
744	..	.....	..	....	..	..	581	XIV. 171	1673	..	..	..	..	..	..
745	..	56 Hydræ.....	2010	....	..	1886	..	XIV. 173	1675	..	..	..	..	..	..
746	..	57 Hydræ.....	2012	....	..	1887	..	XIV. 176	1676	..	..	..	..	..	..
747	6	7 Libræ, μ	2020	1	938	1891	582	XIV. 183	1677	..	585	..	440	..	..
748	6.5	6 Libræ.....	2019	....	..	1892	..	XIV. 184	1678	..	586	..	..	341	..
749	..	8 Libræ.....	2022	2	956	1893	583	XIV. 186	1680	..	587	337	444	..	..
750	2.3	9 Libræ, α	2023	3	936	1894	584	XIV. 187	1681	..	588	338	445	343	..
751	6	.....	2030	32 Bootis	239	..	..	XIV. 193	1685	..	..	..	..	..	..
752	6	38 Bootis, h	2032	....	..	1900	..	XIV. 198	..	2153	..	339	..	..	1848
753	6	39 Bootis	2034	....	..	1902	..	XIV. 200	..	2155	..	..	..	..	1849
754	6	.....	..	....	..	..	..	XIV. 217	..	2164	..	..	..	..	1858
755	6	15 Libræ, ξ^2	2037	....	..	1903	586	XIV. 214	1691	..	590	..	447	345	..
756	..	.....	..	....	..	..	..	XIV. 212	1690	..	..	..	..	..	..
757	..	1 Serpentis.....	2041	....	..	1908	..	XIV. 224	1696	..	..	..	..	..	..
758	6	.....	..	....	..	..	..	XIV. 226	1698	..	..	..	..	..	..
759	6	.....	2049	....	..	..	..	XIV. 235	..	2171	..	..	..	..	1865
760	2	7 Ursæ Minoris, β	2061	6	1527	1917	..	XIV. 240	1700	2172	592	340	449	..	..

721. Proper Motion in N. P. D. (from Argelander) = $-0''.157$.

725. Of the 6.7th magnitude.

726. Of about the 7th magnitude.

727. Of about the 6th magnitude.

REFERRED TO THE 1ST OF JANUARY, 1840.

39

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	14. 10. (20)	...	1837	18	43. 10. 27.91	+16.891	19 Bootis, λ .	721
1838	18	14. 10. 27.63	+ 3.232	1838	15	102. 37. 52.55	16.893	100 Virginis, λ .	722
..	..	14. 10. (30)	...	1836	2	37. 53. 33.18	16.890	21 Bootis, μ .	723
1838	5	14. 11. 31.77	2.891	..	..	76. 15.	...	18 Bootis.	724
1839	6	14. 12. 54.57	2.106	1838	6	37. 13. 38.29	16.777	.....	725
1838	1	14. 13. 12.68	2.032	1838	4	35. 19. 12.95	16.764	.....	726
1839	8	14. 14. 49.49	3.211	1839	9	100. 58. 47.32	16.681	2 Libræ.	727
1838	5	14. 15. 41.69	3.399	..	..	114. 5. ....	...	.....	728
1841	3	14. 16. 5.29	3.215	1841	5	100. 56. 22.98	16.619	.....	729
1838	5	14. 19. 44.77	2.015	1837	34	37. 24. 26.79	16.440	23 Bootis, θ .	730
1841	3	14. 22. 41.12	3.224	1841	6	101. 9. 18.81	16.289	.....	731
..	..	14. 25. (0)	...	1839	2	58. 55. 23.39	16.173	25 Bootis, ρ .	732
..	..	14. 28. (0)	...	1838	54	13. 35. 33.95	16.017	5 Ursæ Minoris.	733
1839	2	14. 28. 15.10	2.191	1836	6	42. 30. 35.15	16.011	.....	734
..	..	14. 32. (10)	...	1840	6	45. 39. 53.44	15.793	.....	735
..	..	14. 33. (30)	...	1839	2	75. 34. 54.50	15.723	30 Bootis, ζ .	736
..	..	14. 34. (0)	...	1838	5	77. 38. 47.67	15.695	32 Bootis.	737
1838	1	14. 36. 45.47	3.455	..	..	114. 45.	...	54 Hydræ.	738
..	..	14. 37. (10)	...	1838	7	110. 28. 34.25	15.521	.....	739
..	..	14. 37. (10)	...	1838	6	104. 46. 52.51	15.521	5 Libræ.	740
..	..	14. 38. (0)	...	1840	1	62. 14. 51.01	15.474	Bootis, ϵ^1 .	741
1838	136	14. 37. 59.90	2.623	1839	109	62. 14. 52.53	15.474	36 Bootis, ϵ^2 .	742
1838	4	14. 38. 5.00	3.462	..	..	114. 57.	...	55 Hydræ.	743
1838	5	14. 38. 8.66	3.387	..	..	110. 39. ....	...	.....	744
..	..	14. 38. (20)	...	1838	6	115. 24. 45.26	15.455	56 Hydræ.	745
1838	5	14. 38. 36.77	3.481	..	..	115. 58.	...	57 Hydræ.	746
..	..	14. 40. (30)	...	1836	2	103. 28. 42.41	15.334	7 Libræ, μ .	747
..	..	14. 40. (50)	...	1838	13	117. 17. 22.48	15.314	6 Libræ.	748
1838	5	14. 41. 50.88	3.304	1839	30	105. 19. 39.95	15.257	8 Libræ.	749
1838	88	14. 42. 2.21	3.309	1839	49	105. 22. 22.14	15.247	9 Libræ, α .	750
..	..	14. 43. (0)	...	1838	9	60. 43. 5.69	15.192	.....	751
1839	2	14. 43. 36.34	2.139	1836	4	43. 12. 51.28	15.166	38 Bootis, h .	752
..	..	14. 44. (20)	...	1836	2	40. 37. 8.62	15.116	39 Bootis.	753
..	..	14. 47. (20)	...	1840	8	30. 3. 13.02	14.944	.....	754
1836	1	14. 48. 5.77	3.237	1836	2	100. 45. 36.35	14.912	15 Libræ, ξ^2 .	755
1838	5	14. 48. 7.96	3.404	..	..	110. 40. ....	...	.....	756
1838	5	14. 49. 21.23	3.060	..	..	89. 31.	...	1 Serpentis.	757
1838	5	14. 49. 44.01	2.792	..	..	72. 58. ....	...	.....	758
1839	2	14. 51. 4.23	+ 1.977	1836	2	39. 42. 51.01	14.732	.....	759
1838	68	14. 51. 14.85	- 0.276	1839	330	15. 11. 26.24	+14.713	7 Ursæ Minoris, β .	760

729. Of about the 6th magnitude.

730. Proper Motion (from Argelander) in R.A. = $-0^{\circ}.027$.,, ,, in N.P.D. = $+0^{\circ}.407$.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
761	..	.....	..	....	..	..	..	XIV. 245	1703	..	..	..	..	..	..
762	3.4	20 Libræ.....	2048	1 Scorpii	1241	1913	590	XIV. 251	1705	..	594	..	..	349	..
763	5.4	41 Bootis, ω	2053	37	225	1916	..	XIV. 255	1707	..	..	..	451	..	..
764	3	42 Bootis, β	2057	38	208	1918	..	XIV. 259	1708	2178	597	..	..	..	..
765	..	.....	..	....	..	..	..	XIV. 262	1709	..	..	..	..	..	..
766	..	.....	2060	....	..	..	..	....	..	..	..	..	..	..	..
767	..	44 Bootis, i^1	2062	....	..	1923	..	XIV. 275	1714	2183	600	344	..	..	..
768	5	44 Bootis, i^2													
769	6	46 Bootis, b	2066	42	224	1926	..	XIV. 290	1719	..	..	..	..	..	..
770	..	.....	..	....	..	..	..	XIV. 291	1720	..	..	..	..	..	..
771	5.4	24 Libræ, i^1	2064	7	946	1927	593	XV. 3	1721	..	602	..	454	..	..
772	..	.....	..	....	..	..	..	....	..	2198	..	..	..	..	..
773	6	3 Serpentis.....	2075	....	..	1932	..	XV. 20	1727	..	..	..	..	..	..
774	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
775	5.4	2 Lupi, δ	2074	2 Scorpii	1251	1931	..	XV. 22	1731	..	604	..	..	356	..
776	..	.....	..	....	..	..	..	....	..	2206	..	..	..	..	..
777	2	27 LIBRÆ, β	2078	8	937	1934	596	XV. 26	1732	..	605	..	459	357	..
778	6	.....	2087	44 Bootis	255	..	..	XV. 36	1737	..	..	..	..	..	..
779	..	28 Libræ.....	2083	....	..	1938	598	XV. 37	1740	..	..	..	..	..	..
780	6	29 Libræ, ϕ^1	2086	....	..	1939	599	XV. 41	1741	..	..	348	466	..	..
781	..	Lupi, ϕ^2	2084	....	..	..	..	XV. 42	1742	..	607	..	..	..	..
782	..	.....	..	....	..	..	..	XV. 56	..	2217	..	..	..	..	1909
783	..	.....	..	....	..	..	..	....	..	2223	..	..	..	..	..
784	..	11 Ursæ Minoris.....	2109	....	..	1954	..	XV. 78	..	2228	609	..	..	..	1916
785	4.3	51 Bootis, μ	2100	51	227	1950	..	XV. 73	1749	2226	610	353	472	..	..
786	..	.....	..	....	..	..	..	....	..	2230	..	..	..	..	..
787	3	13 Ursæ Minoris, γ	2125	7	1528	1962	..	XV. 95	1754	2236	612	354	..	..	..
788	..	.....	..	....	..	..	..	....	..	1752	..	..	..	..	..
789	3	12 Draconis, ι	2112	11	659	1957	..	XV. 92	1756	2235	613	..	..	..	..
790	6	35 Libræ, ζ^1	2104	13	942	1956	607	XV. 97	1759	..	614	..	474	..	..
791	..	36 Libræ.....	2105	....	..	1958	608	XV. 102	1762	..	..	..	..	..	..
792	4.5	38 Libræ, γ	2113	16	944	1964	609	XV. 111	1764	..	616	..	476	365	..
793	4.5	39 Libræ.....	2114	3 Scorpii	1252	1966	610	XV. 116	1768	..	619	..	..	366	..
794	..	.....	..	....	..	..	611	XV. 118	1769	..	..	..	..	..	..
795	2	5 CORONÆ BOREALIS, α ..	2126	3	566	1973	..	XV. 121	1770	..	620	356	477	..	..
796	6	15 Serpentis, τ^3	2127	....	..	1974	..	XV. 124	1771	..	..	..	..	..	..
797	..	14 Serpentis, A^1	2123	....	..	1971	..	XV. 122	1772	..	..	..	..	..	..
798	6	16 Serpentis.....	2128	....	..	..	..	XV. 126	1775	..	..	..	..	..	..
799	4.5	40 Libræ.....	2115	4 Scorpii	1253	1970	..	XV. 123	1774	..	622	..	..	367	..
800	6	18 Serpentis, τ^5	2131	....	..	1977	..	XV. 131	1776	..	..	..	..	..	..

768. The brighter star.

775. A very red star.

781. The designating letter is La Caille's.

788. Of about the 9th magnitude: a brighter star of the same N.P.D. follows at an interval of about 2". The N.P.D. of this star does not agree with that given in Zach's Zodiacal Catalogue, which is the authority for the N.P.D. given in the A.S.C.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R.A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N.P.D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^h 14. ^m 54. (0)	...	1838	9	^o 97. 12. 19" 29	+14" 548	.....	761
1839	10	14. 54. 43.14	+ 3.494	1838	24	114. 38. 54.27	14.505	20 Libræ.	762
1837	5	14. 55. 5.95	2.624	..	..	64. 21.	...	41 Bootis, ω .	763
..	..	14. 55. (50)	...	1838	10	48. 58. 30.65	14.437	42 Bootis, β .	764
1838	5	14. 56. 55.55	3.456	..	..	112. 42. ....	...	.....	765
1841	5	14. 57. 27.36	2.126	1840	12	44. 43. 37.49	14.335	.....	766
..	..	14. 58. (30)	...	1837	4	41. 43. 15.63	14.274	44 Bootis, δ^1 .	767
..	..	14. 58. (30)	...	1837	14	41. 43. 12.87	14.274	44 Bootis, δ^2 .	768
1838	7	15. 1. 29.41	2.585	..	..	63. 5.	...	46 Bootis, δ .	769
1838	5	15. 1. 37.37	2.610	..	..	64. 16. ....	...	.....	770
1839	7	15. 3. 6.74	3.403	1838	9	109. 10. 53.43	13.983	24 Libræ, ϵ^1 .	771
1839	2	15. 6. 15.32	1.942	1836	2	40. 42. 5.09	13.798	.....	772
1837	5	15. 7. 14.39	2.973	..	..	84. 28.	...	3 Serpentis.	773
1839	1	15. 7. 32.90	1.935	..	..	40. 41. ....	...	.....	774
..	..	15. 8. (10)	...	1837	9	119. 33. 17.85	13.667	2 Lupi, δ .	775
..	..	15. 8. (20)	...	1840	6	47. 13. 46.79	13.657	.....	776
1838	73	15. 8. 24.20	3.222	1839	52	98. 47. 16.68	13.650	27 Libræ, β .	777
1837	5	15. 11. 14.24	2.685	..	..	68. 50. ....	...	.....	778
..	..	15. 11. (50)	...	1838	6	107. 34. 21.45	13.431	28 Libræ.	779
..	..	15. 12. (10)	...	1838	6	104. 57. 59.66	13.409	29 Libræ, ϵ^1 .	780
..	..	15. 13. (0)	...	1839	4	126. 16. 51.25	13.358	Lupi, ϕ^2 .	781
1839	2	15. 14. 29.05	1.840	1839	7	39. 12. 14.82	13.257	.....	782
1839	2	15. 16. 49.54	1.731	1839	8	37. 4. 49.50	13.104	.....	783
..	..	15. 17. (20)	...	1837	6	17. 35. 42.91	13.069	11 Ursæ Minoris.	784
..	..	15. 18. (30)	...	1841	2	52. 3. 29.98	12.992	51 Bootis, μ .	785
1839	2	15. 19. 56.62	1.948	1836	4	42. 22. 21.90	12.903	.....	786
..	..	15. 21. (0)	...	1837	52	17. 35. 48.24	12.825	13 Ursæ Minoris, γ .	787
1838	5	15. 21. 8.68	3.375	1838	8	106. 41. 54.35	12.823	.....	788
..	..	15. 21. (20)	...	1839	31	30. 28. 17.27	12.802	12 Draconis, ι .	789
..	..	15. 23. (50)	...	1838	9	106. 18. 18.58	12.637	35 Libræ, ζ^4 .	790
..	..	15. 25. (0)	...	1837	2	117. 30. 11.06	12.553	36 Libræ.	791
1839	5	15. 26. 35.04	3.336	1839	10	104. 15. 3.38	12.441	38 Libræ, γ .	792
..	..	15. 27. (20)	...	1837	4	117. 35. 58.07	12.393	39 Libræ.	793
1839	4	15. 27. 53.35	3.578	..	..	115. 45. ....	...	.....	794
1838	128	15. 27. 54.83	2.528	1839	128	62. 44. 34.84	12.352	5 CORONÆ BOREALIS, α .	795
1837	5	15. 28. 17.56	2.721	..	..	71. 48.	...	15 Serpentis, τ^3 .	796
1838	5	15. 28. 21.40	3.068	..	..	90. 1.	...	14 Serpentis, A^1 .	797
..	..	15. 28. (50)	...	1838	9	79. 27. 0.29	12.290	16 Serpentis.	798
..	..	15. 28. (50)	...	1837	12	119. 14. 44.57	12.290	40 Libræ.	799
1839	5	15. 29. 7.11	+ 2.754	1839	9	73. 20. 49.39	+12.273	18 Serpentis, τ^5 .	800

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Hevelius.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
801	..	41 Libræ.....	2124	....	..	1975	613	XV. 133	1778	..	..	..	..	..	..
802	..	.....	..	....	..	..	..	....	..	2254	..	..	..	..	..
803	..	42 Libræ.....	2129	....	..	1978	615	XV. 138	1780	..	624	..	..	..	..
804	5	43 Libræ, κ.....	2135	....	..	1981	616	XV. 145	1781	..	625	..	..	368	..
805	..	.....	..	....	..	..	..	....	..	2258	..	..	..	..	..
806	..	.....	..	....	..	1987	..	....	1788	..	..	..	479	..	..
807	6.5	15 Ursæ Minoris, θ.....	2179	....	..	2008	..	XV. 172	1792	2268	630	..	..	..	..
808	2.3	24 SERPENTIS, α.....	2145	4	1306	1990	619	XV. 163	1791	..	629	361	481	..	..
809	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
810	6	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
811	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
812	5	5 Lupi, λ.....	2149	....	..	1998	..	XV. 174	1797	..	633	..	..	370	..
813	5	1 Scorpii, b.....	2153	....	..	2000	620	XV. 177	1800	..	635	..	..	373	..
814	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
815	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
816	5	2 Scorpii, A.....	2160	....	..	2006	621	XV. 189	1806	..	639	..	..	374	..
817	..	.....	..	....	..	2009	..	XV. 191	1808	..	..	..	..	..	..
818	..	3 Scorpii.....	2164	....	..	2012	624	XV. 195	1812	..	..	..	..	..	..
819	..	4 Scorpii.....	2167	....	..	2014	..	XV. 196	1815	..	..	..	..	..	..
820	..	.....	..	....	..	..	..	....	..	2285	..	..	..	..	..
821	5.4	5 Scorpii, ρ.....	2170	6	1246	2017	626	XV. 207	1816	..	644	..	..	377	..
822	..	.....	2177	....	..	..	..	XV. 212	1817	..	..	..	..	..	..
823	6	.....	..	....	..	..	..	....	..	2288	..	..	..	..	..
824	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
825	3	6 Scorpii, π.....	2175	7	1238	2020	627	XV. 216	1818	..	645	..	..	378	..
826	4.5	16 Ursæ Minoris, ζ.....	2215	8	1529	2041	..	XV. 238	1824	2294	649	374	..	..	..
827	2.3	7 Scorpii, δ.....	2181	8	1237	2024	629	XV. 225	1823	..	648	..	487	381	..
828	4	13 Coronæ Borealis, ε....	2188	7	573	2029	..	XV. 229	1825	..	650	..	..	..	..
829	..	49 Libræ.....	2184	....	..	2026	..	XV. 228	1826	..	..	375	488	..	..
830	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
831	..	Lupi, θ.....	..	....	..	..	..	XV. 248	1835	..	653	..	..	384	..
832	2	8 SCORPII, β ¹	2194	9	1236	2034	632	XV. 251	1836	..	654	..	490	385	..
833	..	Scorpii, β ².....	..	....	..	..	633	XV. 252	..	..	655	..	491	..	1984
834	4.5	6 Herculis, υ.....	2203	4	788	2044	..	XV. 270	1839	2301	658	..	..	..	..
835	..	10 Scorpii, ω ²	2200	11	1245	2040	635	XV. 263	1838	..	657	..	492	387	..
836	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
837	4.3	13 Draconis, θ.....	2214	13	658	2053	..	XV. 277	1842	2304	659	378	..	..	..
838	..	.....	..	....	..	..	..	XV. 280	1848	..	..	..	..	..	1999
839	5	13 Scorpii, c ²	2206	12	1247	2052	637	XVI. 2	1850	..	660	..	..	390	..
840	..	Scorpii, ν.....	..	....	..	..	638	XVI. 3	..	..	..	..	..	..	..

829. Proper Motion (from Argelander) in R.A. = -0^s.045.,, ,, in N.P.D. = +0^m.332.830. This star was observed for β¹ Scorpii: it is Bode XLIX. 49.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1838	5	15. 29. 42.45 ^{h m s}	+ 3.427	..	..	108. 46. ^{o ' "}	" ..	41 Libræ.	801
1839	2	15. 30. 26.70	1.794	1836	3	39. 46. 3.72	+12.186	.....	802
1839	7	15. 30. 50.04	3.528	1838	16	113. 17. 32.57	12.151	42 Libræ.	803
1840	5	15. 32. 44.29	3.442	1841	2	109. 9. 18.87	12.014	43 Libræ, κ.	804
1837	2	15. 32. 57.39	2.029	1836	6	45. 52. 16.07	12.000	.....	805
1837	5	15. 34. 27.08	+ 3.346	..	..	104. 31. ....	...	.....	806
1839	3	15. 36. 18.32	- 1.990	1838	14	12. 7. 14.07	11.765	15 Ursæ Minoris, θ.	807
1838	109	15. 36. 23.37	+ 2.939	1839	69	83. 3. 59.46	11.759	24 SERPENTIS, α.	808
1837	2	15. 38. 29.86	1.626	..	..	37. 4. ....	...	.....	809
..	..	15. 38.	...	1836	6	37. 7. 54.47	11.647	.....	810
1837	1	15. 39. 17.16	2.450	..	..	119. 30. ....	...	.....	811
..	..	15. 40. (50)	...	1837	16	123. 8. 1.67	11.444	5 Lupi, λ.	812
1840	4	15. 41. 22.03	3.589	1838	10	115. 15. 32.14	11.402	1 Scorpii, b.	813
..	..	15. 42. (10)	...	1837	1	119. 23. 41.39	11.348	.....	814
1837	2	15. 42. 21.17	3.685	..	..	119. 16. ....	...	.....	815
1841	3	15. 44. 1.12	3.583	1838	12	114. 50. 37.19	11.222	2 Scorpii, A.	816
1837	5	15. 44. 21.09	3.561	..	..	114. 3. ....	...	.....	817
1841	1	15. 45. 3.82	3.583	1838	4	114. 45. 49.04	11.146	3 Scorpii.	818
..	..	15. 45. (50)	...	1838	6	115. 47. 19.45	11.081	4 Scorpii.	819
..	..	15. 47. (0)	...	1836	4	36. 36. 39.70	10.996	.....	820
..	..	15. 47. (0)	...	1838	6	118. 44. 27.71	10.996	5 Scorpii, ρ.	821
1837	5	15. 47. 31.56	2.643	..	..	69. 13. ....	...	.....	822
..	..	15. 48. (30)	...	1836	5	33. 41. 54.22	10.890	.....	823
1837	2	15. 48. 33.76	1.383	..	..	33. 40. ....	...	.....	824
1840	6	15. 49. 10.98	+ 3.606	1838	12	115. 38. 50.53	10.832	6 Scorpii, π.	825
1839	26	15. 49. 55.19	- 2.365	1839	80	11. 42. 59.91	10.784	16 Ursæ Minoris, ζ.	826
1839	13	15. 50. 52.94	+ 3.531	1838	11	112. 9. 37.91	10.713	7 Scorpii, δ.	827
..	..	15. 51. (0)	...	1838	2	62. 39. 17.60	10.701	13 Coronæ Borealis, ε.	828
1837	5	15. 51. 21.16	3.342	1837	10	106. 3. 23.81	10.687	49 Libræ.	829
..	..	15. 53. (50)	...	1839	2	109. 23. 21.90	10.491	.....	830
..	..	15. 56. (0)	...	1840	4	126. 21. 36.41	10.316	Lupi, θ.	831
1838	51	15. 56. 8.50	3.473	1838	37	109. 21. 42.36	10.316	8 SCORPII, β ¹ .	832
..	..	15. 56. (10)	...	1839	25	109. 21. 30.04	10.316	Scorpii, β ² .	833
..	..	15. 57. (50)	...	1836	2	43. 30. 57.91	10.204	6 Herculis, υ.	834
1841	4	15. 58. 1.81	3.499	..	..	110. 26.	...	10 Scorpii, ω ² .	835
..	..	15. 58.	...	1840	1	101. 51. 49.62	10.179	.....	836
1838	5	15. 58. 54.01	1.147	1837	70	31. 0. 21.17	10.109	13 Draconis, θ.	837
1837	5	16. 1. 6.38	3.709	..	..	118. 59. ....	...	.....	838
1837	8	16. 2. 27.61	+ 3.673	1836	4	117. 30. 16.86	9.858	13 Scorpii, ε ² .	839
..	..	16. 2. (40)	...	1841	1	109. 1. 43.98	+ 9.825	Scorpii, ν ¹ .	840

831. The designating letter is La Caille's.

837. Proper Motion in R.A. (from Baily) = -0.027.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
841	4	14 Scorpii, ν^2	2210	13	1244	2055	639	XVI. 4	1851	..	661	..	494	391	..
842	6	16 Scorpii	2213	....	..	2057	..	XVI. 8	1853	..	..	..	..	..	..
843	6	48 Serpentis	2218	....	..	2060	..	XVI. 12	1855	..	..	..	..	..	..
844	6	10 Herculis	2223	....	..	2064	..	XVI. 18	1856	..	..	..	..	..	..
845	..	14 Herculis	1230	....	..	2068	..	XVI. 22	..	2316	..	382	..	..	2007
846	3	1 OPHIUCHI, δ	2222	1	1266	2065	..	XVI. 21	1859	..	663	..	496	393	..
847	6	17 Coronæ Borealis, σ^1 ..	2237	7 Herculis	808	2074	..	XVI. 38	..	..	..	385	..	..	2016
848	..	17 Coronæ Borealis, σ^2 ..													
849	..	.....													
850	3.4	2 Ophiuchi, ϵ	2233	2	1267	2073	..	XVI. 41	1869	..	666	..	498	398	..
851	3.4	20 Scorpii, σ	2235	15	1239	2077	643	XVI. 50	1872	..	668	..	..	399	..
852	6	.....	..	....	..	..	..	....	..	2332	..	..	..	..	..
853	5	4 Ophiuchi, ψ	2242	3	1277	2082	645	XVI. 64	1874	..	670	..	..	400	..
854	3.4	22 Herculis, τ	2251	11	787	2086	..	XVI. 73	1876	2331	672	..	..	..	..
855	6	19 Ursæ Minoris	2280	....	..	2096	..	XVI. 82	..	2334	675	..	..	..	2026
856	5	20 Coronæ Borealis, ν^1 ..	2252	10 Herculis	809	..	..	XVI. 77	1880	..	676	..	..	..	..
857	..	21 Coronæ Borealis, ν^2 ..	2253												
858	1.2	21 SCORPII, α	2250												
859	..	.....	..	....	..	..	..	....	..	2339	..	..	..	..	..
860	5	22 Scorpii	2259	18	1249	2092	..	XVI. 89	1888	..	..	..	..	..	..
861	6.5	.....	..	....	..	..	..	....	..	2343	..	..	..	..	..
862	..	Normæ, α .....	..	....	..	..	..	XVI. 92	1889	..	683	..	..	405	..
863	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
864	3.2	14 Draconis, η	2276	15	657	2104	..	XVI. 102	1892	2346	685	..	..	..	..
865	5	21 Ursæ Minoris, η	2296	9	1530	2111	..	XVI. 114	1895	2349	688	387	..	..	..
866	4.3	10 Ophiuchi, λ	2265	9	1271	2097	..	XVI. 100	1894	..	687	..	..	..	..
867	5.6	30 Herculis, g	2274	15	786	2102	..	XVI. 105	1897	2348	690	..	..	..	..
868	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
869	3.4	23 Scorpii, τ	2267	19	1240	2103	652	XVI. 113	1900	..	692	..	..	409	..
870	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
871	5	15 Draconis, A	2298	17	681	2118	..	XVI. 135	1903	2359	695	..	..	..	..
872	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
873	4	35 Herculis, σ	2289	17	785	2113	..	XVI. 132	1905	2358	696	..	..	..	..
874	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
875	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
876	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
877	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
878	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
879	4	16 Draconis	2301	16	686	2122	..	XVI. 152	..	2365	698	390	..	..	2062
880	5	17 Draconis	2302	....	..	2124	..	XVI. 153	..	2366	698	391	..	..	2063

841. This is the brighter of the two stars.

848. The smaller star: about the 12th magnitude.

874. Mr. Henry estimates this star as being of the 11th magnitude: Mr. Richardson notes it as being of the 8th magnitude.

862. The designating letter is La Caille's.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A., January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1841	5	16. 2. 42.22	+ 3.473	1841	2	109. 2. 21.61	+ 9.819	14 Scorpii, ν^2 .	841
1838	5	16. 3. 27.43	3.234	..	..	98. 8.	...	16 Scorpii.	842
1837	5	16. 4. 14.22	2.708	..	..	72. 55.	...	48 Serpentis.	843
1838	5	16. 4. 49.48	2.549	..	..	66. 5.	...	10 Herculis.	844
..	..	16. 5.(10)	...	1836	4	45. 44. 59.60	9.634	14 Herculis.	845
1838	74	16. 5. 57.90	3.138	1839	51	93. 16. 38.15	9.570	1 OPHIUCHI, λ .	846
1837	5	16. 8. 41.31	2.263	1837	10	55. 43. 56.97	9.368	17 Coronæ Borealis, σ^1 .	847
..	..	16. 8.(50)	...	1837	2	55. 43. 55.79	9.364	17 Coronæ Borealis, σ^2 .	848
1837	5	16. 9. 26.17	3.764	..	..	120. 31. ....	...	.....	849
..	..	16. 9.(50)	...	1838	10	94. 17. 50.06	9.274	2 Ophiuchi, ϵ .	850
1839	12	16. 11. 28.35	3.630	1838	14	115. 12. 9.02	9.146	20 Scorpii, σ .	851
..	..	16. 14.(40)	...	1841	5	29. 51. 18.92	8.896	.....	852
1840	5	16. 14. 44.80	3.498	1840	5	109. 39. 23.85	8.896	4 Ophiuchi, ψ .	853
..	..	16. 15. (0)	...	1837	25	43. 18. 8.80	8.871	22 Herculis, τ .	854
..	..	16. 15.(30)	...	1836	4	13. 43. 20.98	8.831	19 Ursæ Minoris.	855
1837	4	16. 16. 20.06	2.252	..	..	55. 49.	...	20 Coronæ Borealis, ν^1 .	856
1837	4	16. 16. 27.54	2.255	..	..	55. 55.	...	21 Coronæ Borealis, ν^2 .	857
1839	55	16. 19. 36.38	3.663	1838	44	116. 4. 13.73	8.505	21 SCORPII, α .	858
1838	4	16. 19. 50.23	1.856	1836	6	44. 56. 31.02	8.499	.....	859
1838	5	16. 20. 29.71	3.626	..	..	114. 45.	...	22 Scorpii.	860
..	..	16. 21. (0)	...	1841	1	34. 25. 42.41	8.396	.....	861
..	..	16. 21. (0)	...	1838	15	124. 21. 0.20	8.396	Normæ, α .	862
1841	1	16. 21. 48.66	3.021	..	..	87. 40. ....	...	.....	863
1839	41	16. 21. 50.23	0.795	1838	154	28. 7. 20.05	8.330	14 Draconis, η .	864
..	..	16. 22.(20)	...	1838	2	13. 52. 43.94	8.250	21 Ursæ Minoris, η .	865
1840	5	16. 22. 50.89	3.120	1841	7	87. 39. 37.46	8.250	10 Ophiuchi, λ .	866
..	..	16. 23.(20)	...	1841	1	47. 45. 46.38	8.210	30 Herculis, g .	867
1841	1	16. 23. 28.36	3.020	..	..	87. 40. ....	...	.....	868
1839	8	16. 25. 55.94	3.719	1837	11	117. 52. 39.38	8.011	23 Scorpii, τ .	869
1836	2	16. 26. 54.37	2.637	1836	3	70. 39. 11.52	7.938	.....	870
..	..	16. 28.(20)	...	1838	17	20. 53. 9.04	7.809	15 Draconis, A .	871
1836	2	16. 28. 23.54	2.637	1836	4	70. 42. 33.51	7.805	.....	872
..	..	16. 29. (0)	...	1841	1	47. 13. 46.20	7.756	35 Herculis, σ .	873
1841	5	16. 29. 45.12	2.996	1841	6	86. 34. 35.67	7.695	.....	874
..	..	16. 29.(50)	...	1840	1	86. 34. 25.24	7.688	.....	875
..	..	16. 30.	...	1840	1	80. 32. 7.66	7.675	.....	876
1840	2	16. 30. 25.94	2.864	1840	4	80. 32. 15.27	7.634	.....	877
1840	1	16. 31. 24.94	2.863	1840	2	80. 32. 24.59	7.553	.....	878
1836	3	16. 32. 24.68	1.409	1836	27	36. 46. 33.34	7.485	16 Draconis.	879
1837	2	16. 32. 27.30	+ 1.409	1836	27	36. 45. 5.55	+ 7.481	17 Draconis.	880

875. Of the 9th magnitude.

876. Of about the 10th magnitude.

877. Of the 11th magnitude.

879 and 880. In Pond's Catalogue of 1112 stars, No. 698, the R. A. is that of 16 Draconis, and the N. P. D. is that of 17 Draconis, 1st star.

880. The Transit Observers call this simply 17 Draconis: the Circle Observer notes it as a close double star; the preceding star, which is the brighter, is observed.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
881	5.4	42 Herculis	2307	19	795	2128	..	XVI. 163	..	2368	..	..	..	..	2074
882	3.2	40 Herculis, ζ	2303	18	769	2127	..	XVI. 165	1909	..	699	392	512	..	..
883	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
884	..	25 Scorpii	2297	....	..	2126	..	XVI. 168	1911	..	..	..	..	..	..
885	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
886	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
887	3	44 Herculis, η	2312	20	773	2133	..	XVI. 173	1913	2371	700	394	..	..	..
888	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
889	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
890	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
891	..	.....	..	....	..	2134	..	....	..	..	..	..	..	..	..
892	..	.....	..	....	..	..	..	....	..	2374	..	..	..	..	..
893	3	26 Scorpii, ϵ	2306	....	..	2132	659	XVI. 184	1915	..	702	..	..	415	..
894	5.6	18 Draconis, g	2327	18	683	2141	..	XVI. 197	1918	2375	703	..	..	..	..
895	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
896	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
897	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
898	4.5	52 Herculis	2331	22	796	2149	..	XVI. 224	1926	2380	707	..	..	..	..
899	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
900	6	49 Herculis	2324	....	..	2144	..	XVI. 223	1927	..	..	..	..	..	..
901	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
902	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
903	..	.....	2330	....	..	..	..	....	..	..	..	..	..	..	..
904	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
905	4.5	25 Ophiuchi, t	2329	18	1270	2150	..	XVI. 233	1932	..	709	..	..	..	..
906	5	53 Herculis	2332	....	..	2151	..	XVI. 238	1935	..	710	396	..	..	..
907	6	54 Herculis	2334	23	805	2152	..	XVI. 242	1938	..	..	..	..	..	..
908	..	.....	..	....	..	..	..	....	..	2390	..	..	..	..	..
909	3.4	58 Herculis, ϵ	2347	24	771	2161	..	XVI. 272	1948	..	713	..	..	..	..
910	..	.....	..	....	..	..	..	XVI. 268	1947	..	712	..	..	422	..
911	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
912	5	19 Draconis, h^1	2357	20	682	2169	..	XVI. 236	1950	2396	714	..	..	..	..
913	..	.....	..	....	..	..	671	XVI. 273	1949	..	..	..	..	..	..
914	5	59 Herculis, d	2351	....	..	2165	..	XVI. 280	1952	..	715	..	..	..	..
915	5	32 Ophiuchi	2348	....	..	2163	..	XVI. 279	1953	..	..	..	..	..	..
916	6	33 Ophiuchi	2349	....	..	2164	..	XVI. 283	..	..	..	399	..	..	2127
917	6	34 Ophiuchi	2350	....	..	2166	..	XVI. 285	1955	..	..	..	..	..	..
918	6	.....	..	....	..	..	..	XVI. 289	1956	..	..	..	..	..	..
919	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
920	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..

888, 889. Probably the same star.

890. Of the 12th magnitude.

893. Proper Motion in N.P.D. (from Baily) = $+0''.43$.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1838	4	$16.34.24.36$	$+ 1.625$	1836	5	$40.45.21.40$	$+ 7.326$	42 Herculis.	881
..	..	$16.35.(10)$	...	1839	8	$58.6.12.39$	7.255	40 Herculis, ζ .	882
1836	3	$16.35.22.05$	2.760	..	..	$76.6.....$	...	.....	883
1839	5	$16.37.3.97$	3.659	1838	3	$115.13.50.95$	7.109	25 Scorpii.	884
1836	3	$16.37.11.61$	2.757	..	..	$76.2.....$	...	.....	885
..	..	$16.37.....$	...	1836	4	$76.5.15.26$	7.105	.....	886
..	..	$16.37.(20)$	...	1841	8	$50.46.10.83$	7.079	44 Herculis, η .	887
..	..	$16.37.....$	...	1836	2	$76.4.53.89$	7.105	.....	888
1836	1	$16.37.40.80$	2.758	..	..	$76.5.....$	...	.....	889
1841	5	$16.37.45.54$	3.000	1840	4	$86.48.49.86$	7.042	.....	890
1841	1	$16.38.34.94$	3.015	..	..	$87.28.....$	...	.....	891
1837	2	$16.39.42.44$	1.208	1836	6	$34.0.48.95$	6.889	.....	892
..	..	$16.39.(40)$	...	1837	17	$123.59.46.53$	6.873	26 Scorpii, ϵ .	893
1837	5	$16.39.49.50$	0.387	1839	16	$25.6.24.73$	6.873	18 Draconis, g .	894
1836	2	$16.40.3.99$	2.756	..	..	$76.0.....$	...	.....	895
..	..	$16.40.....$	...	1836	2	$76.2.40.12$	6.859	.....	896
1836	3	$16.40.46.44$	2.757	1836	6	$76.7.13.70$	6.811	.....	897
..	..	$16.44.(30)$	...	1836	6	$43.44.4.55$	6.489	52 Herculis.	898
..	..	$16.44.(40)$	...	1840	1	$74.47.2.14$	6.475	.....	899
1840	5	$16.44.47.88$	2.725	1839	9	$74.45.7.40$	6.464	49 Herculis.	900
..	..	$16.45.(20)$	...	1838	2	$73.48.19.87$	6.419	.....	901
1838	1	$16.45.54.54$	2.700	..	..	$73.55.....$	...	.....	902
1838	5	$16.46.5.96$	2.712	1838	9	$74.19.24.36$	6.364	.....	903
1838	1	$16.46.22.20$	2.699	..	..	$73.47.....$	...	.....	904
1836	2	$16.46.26.51$	2.834	1836	4	$79.33.57.74$	6.343	25 Ophiuchi, ι .	905
..	..	$16.46.(50)$	...	1839	4	$58.1.45.74$	6.295	53 Herculis.	906
1837	5	$16.48.20.29$	2.638	..	..	$71.18.....$	...	54 Herculis.	907
..	..	$16.51.(50)$	...	1840	8	$29.22.48.65$	5.878	.....	908
..	..	$16.54.(10)$	...	1839	8	$58.50.2.20$	5.685	58 Herculis, ϵ .	909
..	..	$16.54.(20)$	...	1838	8	$123.53.26.00$	5.668	.....	910
1838	3	$16.54.29.42$	3.541	..	..	$110.15.....$	...	.....	911
..	..	$16.55.(10)$	...	1838	14	$24.37.12.91$	5.601	19 Draconis, h^1 .	912
1838	5	$16.55.16.91$	3.541	..	..	$110.16.....$	...	.....	913
1837	5	$16.55.41.96$	2.208	..	..	$56.12.....$	...	59 Herculis, d .	914
1838	5	$16.55.48.14$	2.740	..	..	$56.40.....$	...	32 Ophiuchi.	915
1838	1	$16.56.18.29$	2.752	1838	11	$76.9.45.47$	5.507	33 Ophiuchi.	916
1838	5	$16.56.36.30$	2.752	1838	13	$76.11.50.53$	5.493	34 Ophiuchi.	917
1837	5	$16.57.17.64$	3.083	..	..	$90.40.....$	...	.....	918
1836	3	$16.59.6.33$	2.963	1836	3	$85.25.6.06$	$+ 5.283$	.....	919
1836	1	$16.59.34.26$	$+ 2.965$	..	..	$85.25.....$	...	.....	920

895, 896. Probably the same star.

903. Of about the 8th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Greenidge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
921	..	.....	..	....	..	..	..	XVI. 307	..	2408	..	..	..	..	2138
922	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
923	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
924	2. 3	35 Ophiuchi, η	2355	21	1269	2171	675	XVI. 306	1961	..	717	401	517	425	..
925	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
926	5. 4	21 Draconis, μ	2368	21	663	2175	..	XVII. 4	1962	2414	718	..	..	..	..
927	4. 5	22 Ursæ Minoris, ϵ	2403	10	1531	2201	..	XVII. 36	1964	2422	720	..	..	..	..
928	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
929	..	29 Scorpii	2360	....	..	2174	..	XVII. 6	1965	..	..	..	..	..	..
930	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
931	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
932	5	36 Ophiuchi, A^1	2362	....	..	2176	676	XVII. 17	1967	..	722	..	518	426	..
933		36 Ophiuchi, A^2											519	..	..
934		30 Scorpii											520	..	2153
935	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
936	..	.....	..	....	..	..	..	XVII. 23	1969	..	..	..	..	..	..
937	Var.	64 HERCULIS, α	2369	26	766	2183	..	XVII. 29	1970	..	723	402	521	..	..
938	..	Herculis, α^2 .....	..	....	..	..	..	....	..	..	..	..	..	..	..
939	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
940	..	.....	..	....	..	..	..	XVII. 28	1972	..	..	..	..	..	..
941	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
942	..	39 Ophiuchi	2367	....	..	2181	678	XVII. 32	1973	..	..	..	..	427	..
943	3	22 Draconis, ζ	2385	22	656	2193	..	XVII. 42	1977	2428	726	..	..	..	..
944	..	.....	..	....	..	2182	679	XVII. 33	1974	..	..	..	..	..	..
945	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
946	..	.....	..	....	..	..	..	XVII. 43	1979	..	..	..	..	..	..
947	5	66 Herculis	2377	25 Serpentar.	1296	2191	..	XVII. 50	1980	..	..	..	..	..	..
948	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
949	5. 4	53 Serpentis, ν	2375	16	1317	2190	..	XVII. 52	1985	..	730	..	524	431	..
950	3. 4	42 Ophiuchi, θ	2374	24	1280	2189	682	XVII. 53	1986	..	731	..	..	432	..
951	6	70 Herculis	2384	31	802	2197	..	XVII. 75	1989	..	..	..	..	..	..
952	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
953	..	.....	..	....	..	..	..	XVII. 79	..	..	..	..	..	..	..
954	..	33 Scorpii	2380	....	..	2196	685	XVII. 77	1991	..	..	..	..	..	..
955	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
956	6. 5	74 Herculis	2393	32	797	2203	..	XVII. 87	..	2434	..	..	..	..	2172
957	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
958	5	44 Ophiuchi, b	2382	26	1281	2198	686	XVII. 83	1993	..	734	..	..	..	..
959	6	73 Herculis	2392	....	..	2204	..	XVII. 97	1996	..	..	..	..	..	..
960	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..

922. Santini 1156.

926. A small double star: the first in order of R.A. is observed.

927. The variation in R.A. is taken from the Nautical Almanac; it includes the Proper Motion $-0^s.055$.

928. Of the 6th magnitude; preceded by two smaller stars.

930. There are two discordant observations of this star in N.P.D.: on re-observing the star in 1843, the observation of 1836, July 7, was found to be correct, and is therefore retained.

932 and 933. The center of the double star was observed at the Transit in 1837: the result is rejected.

932 and 933. Proper Motion (from Baily) in R.A. $= -0^s.046$.,, ,, in N.P.D. $= +1^s.09$.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R.A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1837	2	^h 17. 0. 12.72	+ 1.822	1836	10	^o 45. 58. 1.04	+ 5.184	.....	921
1836	4	17. 0. 26.68	2.963	1836	7	85. 21. 8.58	5.169	.....	922
1836	1	17. 0. 58.35	2.963	1836	2	85. 20. 19.51	5.123	.....	923
1840	6	17. 1. 12.35	3.429	1841	4	105. 31. 12.70	5.085	35 Ophiuchi, η .	924
1836	3	17. 1. 37.04	+ 2.972	..	..	85. 46. ....	...	.....	925
..	..	17. 2. (0)	...	1840	6	35. 19. 0.45	5.022	21 Draconis, μ .	926
1840	28	17. 2. 36.33	- 6.550	1839	102	7. 42. 37.64	4.976	22 Ursæ Minoris, ϵ .	927
1836	2	17. 3. 35.21	+ 3.057	1836	2	89. 30. 13.24	4.904	.....	928
1838	6	17. 4. 16.69	3.722	..	..	116. 47.	...	29 Scorpii.	929
1836	2	17. 4. 18.00	3.015	1836	1	87. 40. 33.65	4.850	.....	930
1836	3	17. 4. 44.07	3.056	1836	4	89. 26. 51.03	4.805	.....	931
..	..	17. 5. (30)	...	1837	7	116. 21. 39.39	4.727	36 Ophiuchi, A ¹ .	932
1839	2	17. 5. 31.05	3.714	1837	11	116. 21. 35.43	4.727	36 Ophiuchi, A ² .	933
1837	5	17. 6. 23.37	3.671	1837	10	116. 18. 30.81	4.665	30 Scorpii.	934
1836	2	17. 6. 28.22	3.095	..	..	91. 11. ....	...	.....	935
..	..	17. 6. (40)	...	1839	2	122. 28. 29.46	4.626	.....	936
1839	126	17. 7. 21.17	2.732	1839	74	75. 25. 20.25	4.565	64 HERCULIS, α .	937
..	..	17. 7.	...	1839	3	75. 25. 23.40	4.565	Herculis, α^2 .	938
1836	3	17. 7. 29.73	3.093	1836	2	91. 6. 20.12	4.573	.....	939
..	..	17. 8. (0)	...	1838	3	122. 22. 18.81	4.512	.....	940
1836	2	17. 8. 10.79	3.014	1836	3	87. 37. 42.81	4.513	.....	941
1838	4	17. 8. 15.51	3.650	..	..	114. 6.	...	39 Ophiuchi.	942
..	..	17. 8. (20)	...	1838	29	24. 5. 16.96	4.484	22 Draconis, ζ .	943
1838	5	17. 8. 21.06	3.644	1839	6	113. 53. 21.55	4.488	.....	944
1836	2	17. 10. 23.43	3.098	1836	2	91. 20. 11.05	4.326	.....	945
1837	5	17. 10. 34.69	3.431	..	..	107. 35. ....	...	.....	946
..	..	17. 11. (10)	...	1837	14	78. 57. 24.96	4.242	66 Herculis.	947
1836	2	17. 11. 23.90	3.156	1836	3	93. 52. 36.84	4.240	.....	948
1836	2	17. 11. 49.90	3.362	1836	2	102. 40. 36.99	4.204	53 Serpentis, ν .	949
1839	13	17. 12. 11.23	3.675	1839	10	114. 49. 58.20	4.154	42 Ophiuchi, θ .	950
1837	5	17. 14. 18.81	2.467	..	..	65. 20.	...	70 Herculis.	951
1836	2	17. 14. 26.47	3.227	1836	2	96. 56. 35.51	3.978	.....	952
1836	2	17. 15. 12.02	3.280	1836	4	99. 12. 6.74	3.913	.....	953
1838	1	17. 15. 19.58	3.654	1838	8	114. 5. 25.88	3.895	33 Scorpii.	954
1836	2	17. 15. 44.75	3.187	1836	2	95. 10. 14.05	3.866	.....	955
1837	2	17. 15. 49.90	1.691	1839	20	43. 35. 57.45	3.841	74 Herculis.	956
1839	1	17. 16. 5.36	2.248	..	..	57. 57. ....	...	.....	957
1838	4	17. 16. 36.09	3.652	1838	8	114. 1. 16.11	3.785	44 Ophiuchi, b .	958
..	..	17. 17. (20)	...	1837	10	66. 53. 10.22	3.712	73 Herculis.	959
1839	6	17. 17. 48.49	+ 2.244	1839	2	57. 52. 14.50	+ 3.675	.....	960

934. Notes by the Circle Observers. 1837, June 15: apparently double, but taken as one star: very close and faint. 1837, June 24: of about the 9th or 10th magnitude: the star appears elongated: the Observer not quite certain of its duplicity.

Proper Motion (from Baily) in R.A. = -0.056.

in N.P.D. = +1.12.

936, 939. Very minute and difficult to observe.

940. Of about the 8th magnitude.

942. A pretty, open, double star, the components being of nearly the same R.A.: the South star was observed.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
961	..	47 Ophiuchi	2387	....	..	2202	..	XVII. 98	1997	..	..	..	..	..	..
962	5. 4	.....	2389	27 Serpentar.	1291	..	..	XVII. 99	1998	..	..	..	525	..	..
963	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
964	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
965	4	34 Scorpii, ν	2388	....	..	2205	..	XVII. 106	2032	..	738	..	..	437	..
966	6	.....	..	....	..	..	..	XVII. 109	2003	..	..	..	..	..	..
967	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
968	5	51 Ophiuchi, c^2	2395	....	..	2209	687	XVII. 115	2005	..	739	..	..	438	..
969	6	77 Herculis, x	2400	35	793	2211	..	XVII. 130	..	2440	..	..	..	..	2193
970	3	35 Scorpii, λ	2396	....	..	2210	688	XVII. 121	2007	..	740	..	..	439	..
971	5	76 Herculis, λ	2399	34	778	2213	..	XVII. 136	2009	..	741	..	..	..	..
972	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
973	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
974	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
975	3. 2	23 Draconis, β	2412	23	653	2221	694	XVII. 155	2016	2443	742	408	526	..	..
976	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
977	..	Ophiuchi, f^1 .....	..	....	..	..	..	XVII. 149	..	..	..	..	..	..	..
978	..	53 Ophiuchi, f^2	2404	29	1297	2215	..	XVII. 150	2015	..	..	..	..	..	..
979	2	55 OPHIUCHI, α	2409	30	1262	2218	692	XVII. 153	2017	..	743	409	527	..	..
980	..	.....	2406	....	..	..	691	XVII. 156	2018	..	..	..	..	..	..
981	4	24 Draconis, ν^1	2416	24	664	2222	..	XVII. 168	2022	2445	746	410	..	..	..
982	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
983	6	79 Herculis	2414	....	..	2223	..	XVII. 178	2026	..	..	..	..	..	..
984	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
985	..	.....	..	....	..	..	..	XVII. 177	..	..	..	..	..	..	..
986	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
987	5. 4	56 Serpentis, ϵ	2413	19	1319	2225	..	XVII. 184	2028	..	748	..	530	445	..
988	5. 6	27 Draconis, f	2427	....	..	2234	..	XVII. 198	2030	2451	749	..	..	..	..
989	6. 5	26 Draconis	2425	....	..	..	..	XVII. 201	..	2452	..	..	..	..	2206
990	5	58 Ophiuchi	2415	....	..	2226	..	XVII. 192	2032	..	750	..	531	446	..
991	..	.....	..	....	..	..	..	XVII. 195	2033	..	..	..	..	..	..
992	6	.....	..	....	..	..	..	XVII. 203	2034	..	..	..	..	..	..
993	3. 4	85 Herculis, ι	2423	37	775	2233	..	XVII. 211	2035	2455	751	..	..	..	..
994	3	60 Ophiuchi, β	2419	31	1263	2229	..	XVII. 209	2036	..	752	..	..	..	..
995	5	3 Sagittarii	2418	....	..	2230	697	XVII. 217	2039	..	753	..	..	448	..
996	5	28 Draconis, ω	2432	25	680	2238	..	XVII. 241	2041	2461	754	415	532	..	..
997	..	.....	..	....	..	..	..	XVII. 227	2042	..	..	..	..	..	..
998	..	Telescopii, γ .....	..	....	..	..	..	XVII. 229	2043	..	755	..	..	449	..
999	..	.....	..	....	..	..	..	XVII. 231	2044	..	..	..	..	..	..
1000	4. 3	62 Ophiuchi, γ	2426	32	1264	2236	..	XVII. 239	2045	..	756	..	..	..	..

975. Of about the 7.8th magnitude.

977. Of the 7th magnitude: the interval between this and the following star is about 1'.

978. Of the 9th magnitude.

980. Two stars of the same R.A. in the field: that of the less magnitude and the greater N.P.D. is observed.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^h 17. ^m 18. ^s (0)	...	1838	6	102. 21. 52.86	+ 3.655	47 Ophiuchi.	961
1836	2	17. 18. 8.64	+ 3.181	1837	11	94. 56. 20.80	3.647	.....	962
1839	6	17. 18. 37.63	2.235	1839	5	57. 36. 3.02	3.605	.....	963
1839	5	17. 18. 40.87	2.234	1839	5	57. 33. 42.39	3.600	.....	964
..	..	17. 19. (50)	...	1839	8	127. 9. 30.22	3.497	34 Scorpii, v.	965
1837	5	17. 19. 54.80	2.583	..	..	69. 47. ....	...	.....	966
..	..	17. 21.	...	1836	2	31. 12. 46.12	3.393	.....	967
1841	5	17. 21. 39.34	3.652	1841	2	113. 49. 55.19	3.334	51 Ophiuchi, c ² .	968
1837	2	17. 22. 29.69	1.583	1836	6	41. 36. 10.53	3.363	77 Herculis, x.	969
..	..	17. 22. (40)	...	1839	11	126. 58. 44.41	3.245	35 Scorpii, λ.	970
..	..	17. 24. (20)	...	1841	6	63. 45. 51.73	3.109	76 Herculis, λ.	971
1836	2	17. 25. 52.70	3.328	..	..	101. 6. ....	...	.....	972
..	..	17. 26.	...	1836	4	101. 7. 37.69	2.962	.....	973
1839	8	17. 26. 9.29	2.146	1839	5	55. 3. 30.67	2.955	.....	974
1839	40	17. 26. 49.18	1.351	1838	102	37. 34. 39.54	2.892	23 Draconis, β.	975
1839	6	17. 26. 49.36	2.148	1839	5	55. 8. 12.36	2.897	.....	976
..	..	17. 27. (0)	...	1837	2	80. 18. 41.12	2.878	Ophiuchi, f ¹ .	977
..	..	17. 27. (0)	...	1837	12	80. 17. 59.87	2.878	53 Ophiuchi, f ² .	978
1839	127	17. 27. 30.51	2.773	1839	99	77. 19. 6.06	2.832	55 OPHIUCHI, α.	979
..	..	17. 28. (30)	...	1838	8	105. 28. 0.27	2.749	.....	980
..	..	17. 29. (0)	...	1841	2	34. 42. 13.86	2.705	24 Draconis, v ¹ .	981
1839	1	17. 29. 1.40	2.147	..	..	55. 8. ....	...	.....	982
..	..	17. 31. (0)	...	1837	10	65. 35. 25.55	2.532	79 Herculis.	983
1840	1	17. 31. 0.19	3.020	1840	4	87. 50. 51.29	2.532	.....	984
1840	5	17. 31. 4.05	3.021	1840	6	87. 52. 26.85	2.532	.....	985
1840	1	17. 31. 51.03	3.021	..	..	87. 52. ....	...	.....	986
1837	5	17. 32. 25.49	3.369	..	..	102. 47.	...	56 Serpentis, α.	987
..	..	17. 32. (40)	...	1837	4	21. 45. 49.07	2.380	27 Draconis, f.	988
1839	2	17. 33. 20.66	0.572	1839	6	28. 0. 7.29	2.328	26 Draconis.	989
1841	5	17. 33. 50.60	3.596	1841	5	111. 35. 53.75	2.278	58 Ophiuchi.	990
..	..	17. 34. (50)	...	1838	9	112. 6. 55.89	2.198	.....	991
..	..	17. 34. (50)	...	1838	9	73. 58. 6.83	2.198	.....	992
..	..	17. 35. (0)	...	1838	45	43. 54. 19.68	2.185	85 Herculis, λ.	993
1840	6	17. 35. 34.10	2.962	1840	8	85. 21. 37.04	2.139	60 Ophiuchi, β.	994
1840	8	17. 37. 29.37	3.771	1839	7	117. 45. 44.84	1.966	3 Sagittarii.	995
..	..	17. 37. (50)	...	1839	4	21. 10. 7.28	1.937	28 Draconis, α.	996
..	..	17. 38. (50)	...	1837	8	121. 38. 25.98	1.850	.....	997
..	..	17. 39. (0)	...	1839	10	126. 59. 10.41	1.836	Telescopii, γ.	998
..	..	17. 39. (0)	...	1838	6	120. 32. 2.13	1.836	.....	999
1840	5	17. 39. 52.21	+ 3.006	1840	7	87. 13. 37.13	+ 1.762	62 Ophiuchi, γ.	1000

984. Of about the 7th magnitude.

985. Of about the 6th magnitude: this star is Santini 1196.

988. Proper Motion in N. P. D. (from Piazz) = -0".12.

998. The designating letter is La Caille's.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1001	..	.....	..	....	..	..	..	XVII. 243	2047	..	..	..	..	..	..
1002	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1003	5	30 Draconis	2438	....	..	2243	..	XVII. 278	..	2472	..	419	..	..	2242
1004	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1005	..	.....	..	....	..	..	..	XVII. 294	2052	..	760	..	..	450	..
1006	5	4 Sagittarii.....	2435	....	..	2246	706	XVII. 299	2054	..	761	..	534	451	..
1007	3.4	32 Draconis, ξ	2461	26	665	2263	..	XVII. 316	2059	2488	764	..	..	..	..
1008	..	.....	..	....	..	..	..	XVII. 327	..	2490	..	..	..	..	2259
1009	6	6 Sagittarii.....	2445	....	..	2253	..	XVII. 311	2062	..	..	..	..	..	..
1010	..	.....	2444	....	..	..	709	XVII. 312	2063	..	..	..	..	..	..
1011	5	66 Ophiuchi.....	2449	34	1285	2257	..	XVII. 318	2064	..	767	..	..	..	..
1012	4.5	94 Herculis, ν	2457	43	781	2261	..	XVII. 324	2065	..	768	..	..	..	..
1013	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1014	2.3	33 Draconis, γ	2464	27	654	2267	714	XVII. 335	2071	2492	771	420	538	..	..
1015	5	93 Herculis.....	2454	1 Cerb.	496	2262	..	XVII. 329	2068	..	770	..	..	..	..
1016	..	7 Sagittarii.....	2446	....	..	2255	..	XVII. 321	2067	..	..	..	..	..	..
1017	..	.....	..	....	..	..	..	XVII. 328	2070	..	..	..	..	..	..
1018	..	.....	..	....	..	..	..	XVII. 323	2069	..	..	..	..	..	..
1019	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1020	..	9 Sagittarii.....	2448	....	..	2260	712	XVII. 332	2074	..	..	..	..	..	..
1021	..	.....	..	....	..	..	..	XVII. 333	..	..	..	..	..	..	2263
1022	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1023	..	.....	..	....	..	..	..	XVII. 342	2078	..	..	..	..	..	..
1024	3.4	10 Sagittarii, γ	2453	....	1216	2266	713	XVII. 343	2079	..	774	..	..	457	..
1025	..	35 Draconis	2487	....	..	2287	..	XVII. 380	2084	2501	777	422	..	..	..
1026	..	.....	..	....	..	..	715	XVII. 356	2083	..	..	..	..	..	..
1027	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1028	6	.....	..	....	..	..	..	....	..	2502	..	..	..	..	..
1029	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1030	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1031	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1032	..	103 Herculis, δ	2479	44	782	2281	..	XVII. 388	2091	..	780	..	..	..	..
1033	4	13 SAGITTARI, μ	2477	1	1214	2284	719	XVIII. 7	2096	..	781	..	540	460	..
1034	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1035	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1036	5	104 Herculis, λ	2484	....	..	2291	..	XVIII. 18	2100	..	783	..	..	..	..
1037	4	Telescopii, β.....	..	....	..	..	..	XVIII. 17	2101	..	784	..	..	461	..
1038	6	.....	..	....	..	..	..	....	..	2527	..	..	..	..	..
1039	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1040	3.4	19 Sagittarii, δ	2486	2	1213	2294	723	XVIII. 32	2105	..	785	..	..	462	..

1002. Mr. Main estimates this star as being of the 8th magnitude; Mr. Glaisher notes it as being of the 6.7th magnitude.

1013. Of about the 8th magnitude; preceding 7 Sagittarii by about 15°.

1019. Not quite so bright as Groombridge 2490, and in the same parallel with it.

1022. Of the 7th magnitude; following 9 Sagittarii at an interval of 3°.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1837	5	17. 40. 55.03	+ 3.852	1839	1	120. 30. 7.81	+ 1.675	.....	1001
1840	5	17. 44. 28.41	3.029	1840	7	88. 14. 45.88	1.355	.....	1002
1837	2	17. 45. 15.06	1.432	1836	6	39. 10. 43.33	1.299	30 Draconis.	1003
1839	5	17. 47. 43.05	1.874	1839	5	48. 8. 45.06	1.076	.....	1004
1841	5	17. 48. 48.70	3.848	1841	4	120. 13. 45.57	0.971	.....	1005
1841	5	17. 50. 1.40	3.659	1841	4	113. 47. 39.67	0.868	4 Sagittarii.	1006
..	..	17. 50.(50)	...	1839	36	33. 6. 1.00	0.831	32 Draconis, ξ.	1007
1839	5	17. 52. 5.09	1.733	1839	5	44. 59. 25.63	0.700	.....	1008
..	..	17. 52.(10)	...	1838	5	107. 8. 38.12	0.685	6 Sagittarii.	1009
..	..	17. 52.(10)	...	1838	5	112. 46. 8.70	0.685	.....	1010
1837	5	17. 52. 20.38	2.970	..	..	85. 37.	...	66 Ophiuchi.	1011
1837	5	17. 52. 22.87	2.291	..	..	59. 47.	...	94 Herculis, ν.	1012
..	..	17. 52.(40)	...	1838	2	114. 14. 46.94	0.642	.....	1013
1838	85	17. 52. 53.50	1.390	1838	128	38. 29. 23.03	0.621	33 Draconis, γ.	1014
1838	5	17. 52. 56.02	2.666	..	..	73. 14.	...	93 Herculis.	1015
1838	5	17. 53. 2.86	3.670	1838	5	114. 16. 27.34	0.612	7 Sagittarii.	1016
1837	5	17. 53. 4.58	2.921	1838	5	83. 43. 11.99	0.609	.....	1017
..	..	17. 53.(10)	...	1838	5	110. 43. 45.55	0.612	.....	1018
1839	1	17. 53. 59.65	1.733	..	..	44. 59. ....	...	.....	1019
1838	5	17. 54. 3.80	3.673	1838	6	114. 21. 24.15	0.525	9 Sagittarii.	1020
..	..	17. 54. (10)	...	1839	2	114. 18. 29.12	0.525	.....	1021
..	..	17. 54.(10)	...	1838	1	114. 28. 30.67	0.510	.....	1022
..	..	17. 55.(20)	...	1839	5	114. 23. 59.60	0.408	.....	1023
1839	7	17. 55. 31.92	+ 3.852	1839	11	120. 25. 6.38	0.390	10 Sagittarii, γ.	1024
1837	5	17. 56. 37.32	- 2.710	..	..	13. 1.	...	35 Draconis.	1025
1837	5	17. 57. 35.58	+ 3.593	..	..	111. 27. ....	...	.....	1026
..	..	17. 58.	...	1838	1	94. 43. 42.29	0.175	.....	1027
1837	2	17. 58. 58.17	1.561	1836	6	41. 32. 24.71	0.099	.....	1028
1839	5	17. 59. 13.66	1.735	1839	5	45. 2. 36.34	0.073	.....	1029
..	..	17. 59.(30)	...	1839	2	45. 1. 32.85	0.044	.....	1030
1839	5	17. 59. 51.83	1.740	1839	2	45. 9. 16.33	+ 0.015	.....	1031
..	..	18. 1.(20)	...	1839	8	61. 15. 18.31	- 0.116	103 Herculis, α.	1032
1838	96	18. 4. 11.65	3.586	1839	59	111. 5. 38.38	0.370	13 SAGITTARII, μ.	1033
1840	5	18. 5. 34.35	3.053	1840	4	89. 21. 9.63	0.481	.....	1034
..	..	18. 5.(40)	...	1841	2	90. 23. 11.65	0.496	.....	1035
..	..	18. 5.(50)	...	1839	10	58. 37. 49.23	0.510	104 Herculis, A.	1036
..	..	18. 6.(50)	...	1839	10	126. 48. 12.14	0.597	Telescopii, β.	1037
1837	2	18. 7. 14.91	1.215	1836	10	35. 45. 33.11	0.627	.....	1038
1840	5	18. 8. 56.81	3.048	1840	5	89. 2. 36.89	0.788	.....	1039
1840	11	18. 10. 45.01	+ 3.838	1840	6	119. 53. 19.23	- 0.939	19 Sagittarii, δ.	1040

1034. Of the 8th magnitude.

1037. The designating letter is La Caille's.

1039. Santini 1249; of the 6. 7th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayr.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1041	..	.....	..	....	..	..	..	....	..	2539	..	..	..	..	..
1042	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1043	6	105 Herculis	2492	....	..	2300	..	XVIII. 47	2107	..	786	..	..	..	..
1044	5	36 Draconis	2502	....	..	2309	..	XVIII. 54	2111	2543	791	425	..	..	..
1045	..	58 Serpentis, η	2490	21	1322	2298	..	XVIII. 48	2109	..	787	424	..	463	..
1046	3.2	20 Sagittarii, ϵ	2488	....	1218	2297	724	XVIII. 46	2110	..	790	..	..	464	..
1047	5.4	1 Lyræ, κ	2498	1	991	2305	..	XVIII. 55	2113	..	792	..	..	..	..
1048	6	.....	..	....	..	2308	..	....	2117	..	..	..	..	..	..
1049	5	21 Sagittarii	2493	....	..	2303	725	XVIII. 58	2118	..	..	..	..	..	..
1050	6	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1051	5	.....	..	....	..	..	..	....	..	2555	..	..	..	..	..
1052	3	22 Sagittarii, λ	2496	3	1215	2310	726	XVIII. 66	2122	..	793	..	543	467	..
1053	..	.....	..	....	..	..	..	....	2123	..	..	..	..	..	..
1054	6	59 Serpentis, d	2500	....	..	2312	..	XVIII. 74	2124	..	..	..	..	..	..
1055	5.4	.....	..	....	..	2313	..	....	2125	..	794	..	545	470	..
1056	..	.....	..	....	..	2314	..	....	2127	..	..	..	546	..	..
1057	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1058	5	39 Draconis, b	2511	28	666	2328	..	XVIII. 98	2131	2570	795	..	..	..	..
1059	6	.....	..	....	..	..	730	XVIII. 92	2132	..	..	..	548	..	..
1060	..	.....	..	....	..	..	..	XVIII. 96	2135	..	..	..	..	..	..
1061	..	.....	..	....	..	2323	732	XVIII. 101	2137	..	..	..	..	..	..
1062	..	61 Serpentis, e	2507	....	..	2325	..	XVIII. 104	2139	..	..	..	..	..	..
1063	..	.....	..	....	..	..	733	XVIII. 102	2140	..	..	..	..	..	..
1064	4.5	23 URÆ MINORIS, δ	2625	11	1532	2395	..	XVIII. 178	2148	2628	798	..	550	..	..
1065	6	.....	..	....	..	2327	736	XVIII. 107	2142	..	..	..	..	..	..
1066	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1067	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1068	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1069	5	42 Draconis	2516	....	..	2336	..	XVIII. 124	..	2592	..	429	..	..	2325
1070	6	.....	..	....	..	..	..	XVIII. 116	2146	..	..	..	..	..	..
1071	4.5	1 Aquilæ	2509	3 Scuti	1256	2330	..	XVIII. 115	2147	..	..	430	..	..	..
1072	..	.....	..	....	..	..	..	XVIII. 120	..	..	..	..	..	..	2326
1073	..	.....	..	....	..	2332	739	XVIII. 125	2150	..	..	..	..	..	..
1074	..	.....	..	....	..	..	741	XVIII. 128	2151	..	..	..	..	..	..
1075	..	.....	2512	....	..	2333	740	XVIII. 129	2152	..	..	..	..	..	..
1076	6	.....	..	....	..	..	..	XVIII. 132	2153	..	..	..	..	..	..
1077	..	.....	..	....	..	2335	742	XVIII. 131	2154	..	..	..	..	..	..
1078	5	45 Draconis, d	2523	30	668	2340	..	XVIII. 139	..	2609	..	..	..	..	2331
1079	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1080	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..

1045. Proper Motion (from Argelander) = $-0^{\circ}.04$.

1054. The second of a close double star.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A., January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D., January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1837	2	18. 11. 52 ^h . 85 ^m	+ 1 ^s .049	1836	10	33. 27. 53 ^h . 07 ^m	- 1 ^s .033	.....	1041
..	..	18. 12. (0)	...	1841	3	49. 8. 16 ^h . 82 ^m	1 ^s .050	.....	1042
..	..	18. 12.(40)	...	1840	4	65. 36. 56 ^h . 91 ^m	1 ^s .107	105 Herculis.	1043
..	..	18. 13. (0)	...	1839	35	25. 39. 22 ^h . 28 ^m	1 ^s .136	36 Draconis.	1044
1841	1	18. 13. 2 ^h . 12 ^m	3 ^s .138	..	..	92. 56.	...	58 Serpentis, γ .	1045
..	..	18. 13.(30)	...	1837	12	124. 27. 12 ^h . 60 ^m	1 ^s .180	20 Sagittarii, ϵ .	1046
..	..	18. 14.(20)	...	1837	6	54. 0. 13 ^h . 17 ^m	1 ^s .254	1 Lyrae, κ .	1047
1837	5	18. 15. 28 ^h . 35 ^m	2 ^s .497	..	..	66. 48. ....	...	.....	1048
..	..	18. 15.(50)	...	1837	10	110. 37. 14 ^h . 07 ^m	1 ^s .384	21 Sagittarii.	1049
..	..	18. 16.	...	1836	6	38. 43. 12 ^h . 70 ^m	1 ^s .399	.....	1050
..	..	18. 17.(30)	...	1840	7	40. 57. 23 ^h . 26 ^m	1 ^s .530	.....	1051
1840	7	18. 18. 5 ^h . 71 ^m	3 ^s .706	1838	23	115. 30. 11 ^h . 70 ^m	1 ^s .582	22 Sagittarii, λ .	1052
..	..	18. 18.(40)	...	1837	10	107. 53. 27 ^h . 52 ^m	1 ^s .632	.....	1053
1840	6	18. 19. 1 ^h . 38 ^m	3 ^s .070	1840	5	89. 53. 35 ^h . 82 ^m	1 ^s .661	59 Serpentis, d .	1054
..	..	18. 20. (0)	...	1837	6	104. 39. 41 ^h . 57 ^m	1 ^s .748	.....	1055
..	..	18. 20.(40)	...	1837	3	104. 40. 51 ^h . 01 ^m	1 ^s .806	.....	1056
..	..	18. 21.	...	1838	1	104. 43. 31 ^h . 95 ^m	1 ^s .834	.....	1057
..	..	18. 21.(30)	...	1839	29	31. 17. 25 ^h . 23 ^m	1 ^s .878	39 Draconis, b .	1058
1837	1	18. 22. 3 ^h . 79 ^m	3 ^s .513	1838	12	108. 30. 20 ^h . 24 ^m	1 ^s .918	.....	1059
..	..	18. 23.(30)	...	1838	8	123. 7. 40 ^h . 53 ^m	2 ^s .052	.....	1060
1837	5	18. 23. 34 ^h . 99 ^m	3 ^s .424	..	..	104. 58. ....	...	.....	1061
1840	7	18. 23. 41 ^h . 26 ^m	3 ^s .096	1838	15	91. 6. 39 ^h . 16 ^m	2 ^s .067	61 Serpentis, e .	1062
1837	5	18. 23. 47 ^h . 60 ^m	+ 3 ^s .512	1838	3	108. 28. 42 ^h . 11 ^m	2 ^s .068	.....	1063
1839	57	18. 23. 56 ^h . 26 ^m	- 19 ^s .228	1838	113	3. 24. 29 ^h . 74 ^m	2 ^s .077	23 URSAE MINORIS, δ .	1064
1837	5	18. 24. 30 ^h . 46 ^m	+ 3 ^s .423	..	..	104. 58. ....	...	.....	1065
1840	1	18. 25. 11 ^h . 46 ^m	2 ^s .599	..	..	70. 30. ....	...	.....	1066
..	..	18. 25.	...	1840	1	70. 30. 36 ^h . 23 ^m	2 ^s .197	.....	1067
..	..	18. 25.	...	1836	4	30. 33. 21 ^h . 24 ^m	2 ^s .182	.....	1068
1836	4	18. 25. 31 ^h . 32 ^m	0 ^s .159	1836	12	24. 32. 7 ^h . 11 ^m	2 ^s .227	42 Draconis.	1069
..	..	18. 26.(10)	...	1837	2	66. 29. 53 ^h . 06 ^m	2 ^s .284	.....	1070
1841	1	18. 26. 30 ^h . 00 ^m	3 ^s .265	..	..	98. 21.	...	1 Aquilae.	1071
1837	2	18. 27. 24 ^h . 31 ^m	3 ^s .482	..	..	107. 20. ....	...	.....	1072
..	..	18. 28.(20)	...	1837	10	111. 31. 23 ^h . 55 ^m	2 ^s .473	.....	1073
1837	5	18. 28. 33 ^h . 84 ^m	3 ^s .483	1838	6	107. 21. 36 ^h . 17 ^m	2 ^s .483	.....	1074
1838	5	18. 28. 46 ^h . 66 ^m	3 ^s .649	1838	7	113. 38. 4 ^h . 59 ^m	2 ^s .502	.....	1075
1837	5	18. 28. 50 ^h . 72 ^m	2 ^s .492	1837	8	66. 31. 9 ^h . 89 ^m	2 ^s .506	.....	1076
1838	5	18. 29. 20 ^h . 83 ^m	3 ^s .582	..	..	111. 11. ....	...	.....	1077
1837	2	18. 29. 48 ^h . 93 ^m	1 ^s .035	1836	10	33. 4. 29 ^h . 98 ^m	2 ^s .597	45 Draconis, d .	1078
1839	4	18. 30. 8 ^h . 56 ^m	1 ^s .398	..	..	38. 24. ....	...	.....	1079
1839	5	18. 30. 34 ^h . 09 ^m	+ 1 ^s .437	1839	5	39. 0. 48 ^h . 08 ^m	- 2 ^s .666	.....	1080

1064. The Annual Variation in R. A. is taken from the Nautical Almanac: it includes the Proper Motion +0^s.030.

1066 and 1067. It is probable that these stars are identical.

1074. Of about the 7th magnitude.

1080. Of about the 9th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Gould's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1081	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1082	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1083	1	3 LYRÆ, α.....	2521	3	976	2341	743	XVIII. 143	2156	2616	799	431	551	..	..
1084	..	26 Sagittarii.....	2515	....	..	2338	..	XVIII. 141	2157	..	..	..	..	..	2335
1085	5.4	3 Aquilæ.....	2522	5 Scuti.	1257	2343	..	XVIII. 157	2161	..	..	..	..	..	..
1086	4.3	27 Sagittarii, ρ.....	2519	4	1217	2344	744	XVIII. 159	2163	..	801	..	554	475	..
1087	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1088	4	4 Lyræ, ε ¹	2533	4	979	2355	..	XVIII. 183	2169	2650	804	433	..	..	..
1089	..	4 Lyræ, ε ²													
1090	..	5 Lyræ (1st star).....													
1091	4	5 Lyræ (2nd star).....	2534	....	..	2356	..	XVIII. 184	2170	2651	805	434	..	..	..
1092	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1093	5.6	46 Draconis, c.....	2543	32	667	2360	..	XVIII. 195	2172	2657	807	..	..	..	..
1094	..	29 Sagittarii.....	2528	....	..	2352	747	XVIII. 185	2174	..	..	..	..	..	..
1095	6	.....	..	....	..	..	..	....	..	2677	..	..	..	..	..
1096	Var.	10 LYRÆ, β ¹	2547	7	977	2369	..	XVIII. 215	2177	..	808	..	556	..	..
1097	..	Lyræ, β ².....	..	....	..	..	..	XVIII. 216	..	..	..	..	557	..	..
1098	5	32 Sagittarii, ρ ¹	2539	....	..	2364	751	XVIII. 211	2179	..	809	..	..	477	..
1099	2.3	34 Sagittarii, σ.....	2541	5	1212	2365	752	XVIII. 218	2180	..	810	..	559	478	..
1100	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1101	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1102	6	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1103	..	37 Sagittarii, ξ ²	2550	6	1209	2373	755	XVIII. 233	2187	..	814	..	562	480	..
1104	4.3	63 Serpentis, θ ¹	2553	22	1323	{2376	..	XVIII. 236	2188	..	815	436	..	..	..
1105	..	63 Serpentis, θ ²													
1106	..	.....	..	....	..	..	..	XVIII. 241	..	..	..	..	..	..	..
1107	5.4	47 Draconis, o.....	2567	33	669	2386	..	XVIII. 249	2192	2707	818	..	..	..	..
1108	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1109	6	64 Serpentis.....	2555	....	..	2379	..	XVIII. 245	2193	..	..	..	..	..	..
1110	5.4	13 Lyræ.....	2563	9	987	2389	..	XVIII. 252	..	2717	..	..	..	..	2371
1111	4	13 Aquilæ, ε.....	2562	5	123	2390	..	XVIII. 262	2198	..	822	438	..	..	..
1112	3.4	38 Sagittarii, ζ.....	2556	8	1219	2384	758	XVIII. 257	2196	..	820	..	..	481	..
1113	6	48 Draconis.....	2576	....	..	2400	..	XVIII. 281	2203	2731	824	..	..	..	..
1114	..	.....	..	....	..	..	..	XVIII. 267	2202	..	..	..	..	..	..
1115	4	39 Sagittarii, o.....	2565	9	1210	2393	760	XVIII. 278	2205	..	825	..	563	482	..
1116	5.6	52 Draconis, v.....	2589	34	675	2411	..	XVIII. 308	2209	2748	827	..	..	..	..
1117	..	Aquilæ, h ¹.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1118	..	15 Aquilæ, h ²	2571	....	..	2399	..	XVIII. 289	2207	..	..	..	..	..	..
1119	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1120	4.3	40 Sagittarii, τ.....	2569	10	1220	2397	761	XVIII. 292	2208	..	826	..	..	484	..

1081. Much brighter than the preceding: of about the 7th magnitude.

1088, 1089, 1090, 1091. The difference of R.A. of the four stars is less than 3°.

1092. Of about the 7.8th magnitude.

1104, 1105. An open double star; the components of nearly the same magnitude.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1840	7	18. 30. 47.94 ^{h m s}	+ 1.399	1839	5	38. 23. 25.48 ^{o ' "}	- 2.690	.....	1081
..	..	18. 31. (10)	...	1839	3	38. 20. 33.86	2.719	.....	1082
1839	162	18. 31. 31.21	2.012	1838	462	51. 21. 42.05	2.751	3 Lyræ, α.	1083
..	..	18. 32. (10)	...	1837	10	113. 58. 32.65	2.806	26 Sagittarii.	1084
1841	1	18. 34. 48.35	3.266	..	..	98. 26.	...	3 Aquilæ.	1085
1839	8	18. 35. 39.37	3.745	1838	33	117. 8. 54.05	3.113	27 Sagittarii, ρ.	1086
..	..	18. 38.	...	1836	6	45. 13. 51.62	3.308	.....	1087
..	..	18. 39. (0)	...	1840	11	50. 29. 36.97	3.396	4 Lyræ, ε ¹ .	1088
..	..	18. 39. (0)	...	1840	5	50. 29. 34.50	3.396	4 Lyræ, ε ² .	1089
..	..	18. 39. (0)	...	1840	11	50. 33. 3.06	3.396	5 Lyræ (1st star).	1090
..	..	18. 39. (0)	...	1840	5	50. 33. 5.22	3.396	5 Lyræ (2nd star).	1091
1840	1	18. 39. 8.63	2.534	1840	1	67. 51. 23.70	3.410	.....	1092
..	..	18. 39. (30)	...	1837	8	34. 37. 13.76	3.438	46 Draconis, c.	1093
1837	5	18. 40. 10.26	3.560	..	..	110. 30.	...	29 Sagittarii.	1094
1837	2	18. 44. 2.80	1.582	1836	6	41. 24. 46.91	3.823	.....	1095
1838	138	18. 44. 10.34	2.212	1839	98	56. 49. 8.70	3.843	10 Lyræ, β ¹ .	1096
..	..	18. 44. (10)	...	1839	19	56. 49. 48.50	3.843	Lyræ, β ² .	1097
1841	6	18. 44. 30.35	3.625	1841	4	112. 56. 4.84	3.875	32 Sagittarii, ν ¹ .	1098
1839	10	18. 45. 20.44	3.723	1840	9	116. 29. 17.75	3.941	34 Sagittarii, σ.	1099
1840	1	18. 46. 5.99	2.529	..	..	67. 33. ....	...	.....	1100
1840	1	18. 46. 46.54	3.116	..	..	92. 0. ....	...	.....	1101
1840	5	18. 48. 4.11	3.116	1840	6	92. 0. 0.78	4.169	.....	1102
1840	5	18. 48. 10.75	3.827	1841	3	111. 18. 37.37	4.190	37 Sagittarii, ξ ² .	1103
1838	7	18. 48. 15.76	2.977	..	..	86. 0.	...	63 Serpentis, θ ¹ .	1104
1838	1	18. 48. 17.08	2.977	..	..	86. 0.	...	63 Serpentis, θ ² .	1105
1837	2	18. 48. 22.51	3.015	..	..	87. 44. ....	...	.....	1106
..	..	18. 48. (50)	...	1839	34	30. 48. 20.39	4.242	47 Draconis, α.	1107
1837	1	18. 48. 54.69	3.015	..	..	87. 41. ....	...	.....	1108
1837	5	18. 49. 13.74	3.015	..	..	87. 40.	...	64 Serpentis.	1109
1836	2	18. 50. 27.78	1.820	1836	10	46. 15. 41.54	4.370	13 Lyræ.	1110
1839	7	18. 52. 21.58	2.723	1838	2	75. 8. 56.63	4.536	13 Aquilæ, ε.	1111
1840	6	18. 52. 25.49	3.825	1838	16	120. 6. 6.15	4.548	38 Sagittarii, ζ.	1112
..	..	18. 54. (0)	...	1841	7	32. 23. 43.35	4.682	48 Draconis.	1113
..	..	18. 54. (10)	...	1837	8	121. 16. 27.17	4.695	.....	1114
1840	6	18. 55. 5.29	+ 3.788	1841	5	111. 58. 9.11	4.779	39 Sagittarii, α.	1115
1837	5	18. 56. 20.07	- 0.710	1838	2	18. 55. 4.56	4.882	52 Draconis, ν.	1116
1838	5	18. 56. 29.61	+ 3.165	1838	8	94. 16. 21.44	4.885	Aquilæ, η ¹ .	1117
1838	4	18. 56. 30.70	3.165	1839	13	94. 15. 48.96	4.887	15 Aquilæ, η ² .	1118
1838	1	18. 56. 51.95	2.754	..	..	76. 22. ....	...	.....	1119
1840	9	18. 56. 56.72	+ 3.756	1839	7	117. 53. 49.86	- 4.937	40 Sagittarii, τ.	1120

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1121	..	.....	..	....	..	..	762	XVIII. 293	2212	..	..	..	..	..	..
1122	6	49 Draconis	2582	....	..	2408	..	XVIII. 307	..	2750	..	..	..	..	..
1123	3	17 Aquilæ, ζ	2574	6	126	2405	..	XVIII. 303	2214	..	829	..	..	..	..
1124	..	.....	..	....	..	..	..	....	..	2753	..	..	..	..	..
1125	..	.....	..	....	..	..	764	XVIII. 301	2215	..	..	..	..	..	..
1126	6	.....	..	....	..	2402	..	....	2217	..	..	..	..	..	..
1127	3	41 Sagittarii, π	2575	11	1211	2406	765	XVIII. 315	2220	..	830	..	564	489	..
1128	6.5	51 Draconis	2588	....	..	2416	..	XIX. 3	..	2768	831	..	..	..	2399
1129	6	20 Aquilæ	2585	....	..	2415	..	XIX. 16	2226	..	832	..	..	490	..
1130	..	.....	..	....	..	..	..	....	..	2777	..	..	..	..	..
1131	5	43 Sagittarii, d	2592	12	1225	2423	773	XIX. 35	2230	..	834	..	568	491	..
1132	6.5	53 Draconis	2610	....	..	2433	..	XIX. 52	2234	2791	836	..	..	..	..
1133	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1134	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1135	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1136	4.5	21 Lyræ, θ	2609	15	984	2438	..	XIX. 65	2242	..	839	..	..	..	..
1137	..	.....	..	....	..	..	..	....	..	2803	..	..	..	..	..
1138	6	28 Aquilæ, A	2607	9	130	2441	..	XIX. 73	2247	..	..	..	..	..	..
1139	..	.....	..	....	..	..	..	XIX. 67	2246	..	..	..	..	..	..
1140	..	.....	..	....	..	..	..	....	..	2809	..	..	..	..	..
1141	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1142	..	.....	..	....	..	..	..	....	..	2810	..	..	..	..	..
1143	6	27 Aquilæ, d	2605	....	..	2439	..	XIX. 72	2249	..	..	..	..	..	..
1144	..	29 Aquilæ	2608	....	..	2442	..	....	..	..	..	..	..	..	..
1145	4	44 Sagittarii, ρ ¹	2601	15	1224	2434	777	XIX. 69	2248	..	841	..	..	493	..
1146	3	57 Draconis, δ	2628	19	655	2449	..	XIX. 90	2253	2811	842	440	572	..	..
1147	..	45 Sagittarii, ρ ²	2602	....	..	2436	778	XIX. 70	2250	..	..	439	..	..	..
1148	5.4	46 Sagittarii, υ	2603	14	1223	2437	779	XIX. 71	2251	..	..	..	..	..	..
1149	..	1 Cygni, κ	2618	1	601	2447	..	XIX. 91	2254	2813	843	..	..	..	..
1150	6	47 Sagittarii, χ ¹	2611	16	1233	2445	780	XIX. 93	2256	..	..	..	..	..	..
1151	..	.....	..	....	..	..	..	....	..	2822	..	..	..	..	..
1152	..	.....	..	....	..	..	..	XIX. 100	..	..	..	..	..	..	..
1153	..	.....	..	....	..	..	..	XIX. 102	2261	..	..	..	..	..	..
1154	6	.....	..	....	..	..	783	XIX. 107	2262	..	..	..	..	..	..
1155	..	2 Sagittæ	2621	....	..	2453	..	XIX. 112	2263	..	..	..	..	..	..
1156	..	.....	..	....	..	..	..	XIX. 110	2264	..	..	..	..	..	..
1157	3.4	30 Aquilæ, δ	2617	5 Antinoi.	49	2451	..	XIX. 113	2266	..	845	442	574	..	..
1158	..	3 Sagittæ	2624	....	..	2454	..	XIX. 115	..	..	..	..	..	..	2424
1159	5	2 Cygni	2626	2	629	2456	..	XIX. 117	2267	..	..	..	..	..	..
1160	5	32 Aquilæ, υ	2623	4 Antinoi.	55	2455	..	XIX. 118	2268	..	..	..	..	..	..

1134, 1135. Of about the 6. 7th magnitude.

1142. A brighter star visible, of the same R.A. and of 8' or 10' less N.P.D.

1155 and 1158. Argelander estimates 2 Sagittæ and 3 Sagittæ (seen as a single star) as being of the 6th magnitude.

1158. Somewhat smaller than 2 Sagittæ.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R.A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	18. 57.(30)	...	1837	8	118. 52. 36.39	- 4.979	.....	1121
1839	2	18. 57. 33.03	+ 1.190	1839	9	34. 34. 7.60	4.982	49 Draconis.	1122
1838	103	18. 58. 3.33	2.757	1839	65	76. 22. 9.87	5.028	17 Aquilæ, ζ.	1123
1839	2	18. 58. 21.02	1.412	1836	6	37. 58. 8.39	5.043	.....	1124
..	..	18. 58.(30)	...	1837	8	114. 54. 1.84	5.064	.....	1125
..	..	18. 58.(50)	...	1837	9	109. 32. 3.67	5.092	.....	1126
1840	7	19. 0. 14.55	3.573	1840	8	111. 16. 18.00	5.212	41 Sagittarii, π.	1127
1836	2	19. 1. 19.42	1.348	1836	12	36. 50. 48.32	5.295	51 Draconis.	1128
1840	1	19. 3. 59.80	3.255	..	..	98. 12.	...	20 Aquilæ.	1129
1839	2	19. 4. 27.77	1.533	1836	6	39. 53. 29.24	5.559	.....	1130
1840	5	19. 8. 16.05	3.516	1841	5	109. 13. 52.69	5.886	43 Sagittarii, d.	1131
..	..	19. 8.(40)	...	1839	18	33. 24. 40.52	5.917	53 Draconis.	1132
..	..	19. 8.(50)	...	1841	1	109. 8. 36.72	5.934	.....	1133
..	..	19. 9.(50)	...	1837	5	91. 13. 30.18	6.005	.....	1134
..	..	19. 9.(50)	...	1837	1	91. 17. 30.97	6.010	.....	1135
1837	5	19. 10. 48.86	2.079	1841	2	52. 8. 51.13	6.101	21 Lyræ, θ.	1136
1839	1	19. 11. 19.68	1.715	..	..	43. 13. ....	...	.....	1137
1837	6	19. 12. 11.32	2.796	..	..	77. 55.	...	28 Aquilæ, A.	1138
1837	5	19. 12. 14.22	3.519	..	..	109. 32. ....	...	.....	1139
..	..	19. 12.(15)	...	1836	6	43. 17. 56.49	6.212	.....	1140
..	..	19. 12.	...	1837	2	106. 11. 36.02	6.212	.....	1141
1839	3	19. 12. 15.71	1.712	1839	7	43. 6. 9.17	6.218	.....	1142
1837	5	19. 12. 20.18	3.095	1838	12	91. 11. 3.87	6.226	27 Aquilæ, d.	1143
1838	5	19. 12. 21.48	2.816	1838	8	78. 45. 23.90	6.230	29 Aquilæ.	1144
1841	1	19. 12. 23.08	3.498	..	..	108. 8.	...	44 Sagittarii, ρ ¹ .	1145
1836	8	19. 12. 29.96	0.023	1837	62	22. 37. 11.52	6.240	57 Draconis, δ.	1146
1840	6	19. 12. 30.63	3.498	1841	6	108. 35. 54.96	6.240	45 Sagittarii, ρ ² .	1147
..	..	19. 12.(30)	...	1837	10	106. 14. 57.64	6.240	46 Sagittarii, v.	1148
..	..	19. 13.(20)	...	1837	7	36. 55. 28.82	6.309	1 Cygni, κ.	1149
1840	5	19. 15. 31.86	3.655	1841	6	114. 48. 44.24	6.498	47 Sagittarii, χ ¹ .	1150
..	..	19. 16. (0)	...	1841	2	35. 55. 10.42	6.530	.....	1151
..	..	19. 16.(20)	...	1837	1	104. 50. 0.23	6.557	.....	1152
..	..	19. 16.(50)	...	1837	6	120. 3. 11.15	6.598	.....	1153
..	..	19. 17. (0)	...	1837	7	105. 21. 51.49	6.612	.....	1154
..	..	19. 17.(10)	...	1837	6	73. 22. 8.90	6.626	2 Sagittæ.	1155
..	..	19. 17.(20)	...	1837	9	104. 51. 45.11	6.640	.....	1156
1838	110	19. 17. 25.75	+ 3.009	1839	49	87. 11. 56.65	6.650	30 Aquilæ, δ.	1157
..	..	19. 17.(30)	...	1837	9	73. 21. 4.65	6.654	3 Sagittæ.	1158
..	..	19. 17.(50)	...	1837	10	60. 41. 15.17	6.681	2 Cygni.	1159
..	..	19. 18.(20)	...	1840	2	89. 58. 29.04	- 6.722	32 Aquilæ, ν.	1160

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1161	5	4 Vulpeculæ.	2627	....	..	2458	..	XIX. 120	2269	..	..	..	..	..	..
1162	5	58 Draconis, π	2646	35	670	2471	..	XIX. 142	2274	2842	847	444	..	..	..
1163	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1164	5. 6	36 Aquilæ, ϵ	2632	6 Antinoi.	60	2465	..	XIX. 145	2278	..	..	..	..	..	..
1165	6	7 Cygni, ι^1	2647	....	..	2476	..	XIX. 160	..	2854	..	..	..	..	2439
1166	3	6 Cygni, β	2641	3	592	2473	..	XIX. 161	2281	..	849	..	..	..	..
1167	4	10 Cygni, ι^2	2657	4	602	2481	..	XIX. 175	2284	2859	850	..	..	..	..
1168	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1169	..	51 Sagittarii, h^1	2638	....	..	2475	791	XIX. 168	2287	..	..	..	..	..	..
1170	5. 4	52 Sagittarii, h^2	2639	17	1222	2478	792	XIX. 174	2290	..	853	..	578	497	..
1171	..	.....	..	....	..	..	..	....	..	2872	..	..	..	..	..
1172	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1173	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1174	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1175	6	54 Sagittarii, e^1	2660	....	..	2490	797	XIX. 214	2302	..	..	..	583	..	..
1176	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1177	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1178	5. 4	13 Cygni, θ	2673	6	603	2498	..	XIX. 223	2303	2895	857	447	..	..	..
1179	5. 6	61 Draconis, σ	2680	37	673	2505	..	XIX. 236	2306	2898	859	448	..	..	..
1180	5	55 Sagittarii, e^2	2666	18	1226	2494	798	XIX. 222	2308	..	861	..	587	500	2452
1181	6. 5	{ 16 Cygni, c^1 }	2682	....	..	2512	..	XIX. 261	..	2922	..	449	..	..	2464
1182		{ 16 Cygni, c^2. .... }		....	..	2513	..	XIX. 262	..	2924	..	..	..	..	..
1183	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1184	3	50 AQUILÆ, γ	2679	13	116	2511	..	XIX. 264	2317	..	865	450	589	..	..
1185	3	18 Cygni, δ	2689	9	596	2520	..	XIX. 280	2321	2932	866	..	..	..	..
1186	6	.....	..	....	..	2515	..	XIX. 273	2320	..	..	..	..	..	..
1187	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1188	6	51 Aquilæ.	2684	10 Antinoi.	59	2519	..	XIX. 286	2326	..	..	..	..	..	..
1189	..	57 Sagittarii.	2686	....	..	2522	..	XIX. 291	2328	..	..	..	591	..	..
1190	1. 2	53 AQUILÆ, α	2691	15	115	2524	804	XIX. 294	2329	..	870	452	592	..	..
1191	6	.....	..	....	..	..	..	....	..	2950	..	..	..	..	..
1192	5	58 Sagittarii, ω	2694	....	1230	2528	805	XIX. 311	2335	..	872	..	..	..	..
1193	5. 6	20 Cygni, d	2711	....	..	2542	..	XIX. 325	..	2958	..	..	..	..	2484
1194	5	59 Sagittarii, b	2699	....	1231	2533	806	XIX. 322	2339	..	875	..	596	503	..
1195	4	60 AQUILÆ, β	2705	18	117	2538	..	XIX. 324	2340	..	876	455	597	..	..
1196	4	63 Draconis, ϵ	2729	38	674	2554	..	XIX. 343	..	2974	878	..	..	..	2485
1197	5	60 Sagittarii, A	2704	21	1229	2539	807	XIX. 331	2344	..	877	..	..	..	..
1198	5	62 Sagittarii, c	2712	22	1232	2549	809	XIX. 355	2352	..	882	..	600	505	..
1199	6. 5	.....	..	2 Cephei	468	..	..	XIX. 371	..	2966	..	..	..	..	2497
1200	..	.....	..	....	..	..	..	XIX. 366	2355	..	883	..	..	506	..

1163. Of about the 5. 6th magnitude.

1173. Of the 8. 9th magnitude.

1175. A double star : its companion is small.

1179. Proper Motion in N. P. D. (from Argelander) = +1''·800.

1168. Of the same R. A. as ι^2 Cygni.

1174. Of the 7. 8th magnitude.

1176. This star follows e^1 Sagittarii at an interval of about 6 s .

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R.A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N.P.D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1837	5	19. 18. 27.31 ^{h m s}	+ 2.623	..	..	70. 30. ^{° ' "}	...	4 Vulpeculæ.	1161
..	..	19. 19. (50)	...	1839	8	24. 35. 35.19	- 6.845	58 Draconis, π.	1162
..	..	19. 20. (0)	...	1839	2	16. 45. 29.88	6.859	.....	1163
1837	5	19. 22. 17.62	3.137	..	..	93. 7.	...	36 Aquilæ, e.	1164
1839	2	19. 23. 30.59	1.471	1839	7	38. 0. 10.61	7.147	7 Cygni, ι ¹ .	1165
1840	1	19. 24. 16.17	2.417	1840	2	62. 22. 19.77	7.214	6 Cygni, β.	1166
1839	2	19. 25. 40.15	1.517	1837	30	38. 36. 30.97	7.323	10 Cygni, ι ² .	1167
..	..	19. 25. (40)	...	1840	1	38. 36. 27.74	7.323	.....	1168
1840	1	19. 26. 18.23	3.651	..	..	115. 4.	...	51 Sagittarii, κ ¹ .	1169
1839	12	19. 26. 57.73	3.655	1838	7	115. 13. 48.76	7.428	52 Sagittarii, κ ² .	1170
..	..	19. 28. (10)	...	1839	7	35. 4. 52.07	7.526	.....	1171
1839	1	19. 30. 27.38	1.013	..	..	30. 58. ....	...	.....	1172
..	..	19. 30. (30)	...	1839	1	30. 10. 57.77	7.716	.....	1173
1839	5	19. 30. 39.01	0.949	1839	2	30. 11. 21.50	7.729	.....	1174
1840	5	19. 31. 32.99	3.438	1841	5	106. 39. 14.66	7.804	54 Sagittarii, ε ¹ .	1175
..	..	19. 31. (40)	...	1841	1	106. 38. 39.26	7.809	.....	1176
..	..	19. 32.	...	1841	2	40. 7. 3.76	7.836	.....	1177
..	..	19. 32. (10)	...	1837	38	40. 8. 48.66	7.846	13 Cygni, θ.	1178
..	..	19. 32. (40)	...	1840	18	20. 36. 38.86	7.887	61 Draconis, σ.	1179
1841	6	19. 33. 21.67	3.433	1841	5	106. 29. 33.49	7.950	55 Sagittarii, ε ² .	1180
1839	2	19. 37. 33.46	1.611	1839	7	39. 50. 36.26	8.280	16 Cygni, c ¹ .	1181
1839	2	19. 37. 36.30	1.611	1839	7	39. 51. 3.44	8.282	16 Cygni, c ² .	1182
1840	1	19. 38. 26.24	3.017	1840	3	87. 31. 32.45	8.356	.....	1183
1838	154	19. 38. 39.08	2.851	1839	51	79. 46. 18.82	8.371	50 Aquilæ, γ.	1184
..	..	19. 40. (0)	...	1837	67	45. 15. 23.78	8.476	18 Cygni, δ.	1185
..	..	19. 40. (10)	...	1837	4	101. 15. 45.46	8.489	.....	1186
1837	9	19. 41. 50.18	2.456	1837	7	63. 6. 27.67	8.612	.....	1187
..	..	19. 42. (0)	...	1837	6	101. 9. 50.53	8.634	51 Aquilæ.	1188
1840	8	19. 42. 53.62	3.496	1841	5	109. 26. 43.69	8.673	57 Sagittarii.	1189
1838	179	19. 42. 58.50	2.926	1839	84	81. 32. 57.53	8.713	53 Aquilæ, α.	1190
..	..	19. 45. (10)	...	1841	2	49. 48. 14.39	8.883	.....	1191
1837	5	19. 46. 1.75	3.671	1837	6	116. 43. 4.51	8.935	58 Sagittarii, ω.	1192
1839	2	19. 46. 36.67	1.508	1839	8	37. 24. 55.39	8.988	20 Cygni, d.	1193
1837	3	19. 47. 7.12	3.693	1836	6	117. 35. 15.34	9.012	59 Sagittarii, b.	1194
1838	130	19. 47. 27.12	2.945	1839	53	83. 59. 17.10	8.524	60 Aquilæ, β.	1195
..	..	19. 48. (40)	...	1836	53	20. 8. 22.91	9.156	63 Draconis, ε.	1196
1839	11	19. 49. 11.68	3.665	1838	8	116. 37. 21.54	9.198	60 Sagittarii, A.	1197
1839	13	19. 52. 48.51	3.701	1838	15	118. 8. 54.51	9.479	62 Sagittarii, c.	1198
1836	2	19. 52. 51.97	+ 1.154	1838	22	31. 34. 46.24	9.480	.....	1199
..	..	19. 54. (10)	...	1837	14	122. 29. 58.29	- 9.583	.....	1200

1187. In 1836, Messrs. Ellis and Rogerson agree in estimating this as a star of the 7th magnitude: in 1837, Mr. Rogerson notes it as being of the 10th or 11th magnitude; and Mr. Glaisher estimates it as being of the 12th: a smaller star, whose N.P.D. is 3' less, precedes it by an interval of about 15". The star was observed in the search for the missing star, 11 Vulpeculæ.

1190. The Annual Variation in R.A. is taken from the Nautical Almanac: it includes the Proper Motion +0".034.
Proper Motion in N.P.D. (from Baily) = -0".32.

1195. The Annual Variation in N.P.D. is taken from the Nautical Almanac: it includes the Proper Motion +0".54.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1201	5	15 Vulpeculæ.....	2724	....	..	2558	..	XIX. 375	2357	..	884	..	..	..	..
1202	6.5	63 Aquilæ, τ	2728	20	118	2564	..	XIX. 386	2363	..	..	..	..	..	..
1203	5.6	17 Vulpeculæ.....	2735	14	1558	2572	..	XIX. 412	2370	..	..	..	..	..	..
1204	5	67 Draconis, ρ	2755	40	672	2587	..	XX. 21	2371	3048	886	..	..	..	..
1205	6	66 Draconis.....	2752	....	..	2586	..	XX. 25	2374	3052	888	..	..	..	..
1206	3	65 Aquilæ, θ	2739	13 Antinói	48	2576	..	XX. 10	2372	..	887	..	..	507	..
1207	5	28 Cygni, b^2	2743	14	634	2582	..	XX. 22	2376	..	889	..	..	..	..
1208	6	18 Vulpeculæ.....	2742	....	..	2583	..	XX. 24	2377	..	..	..	..	..	..
1209	6	19 Vulpeculæ.....	2745	....	..	2585	..	XX. 34	2379	..	..	..	..	..	..
1210	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1211	4	31 Cygni, α^2	2767	....	..	2603	..	XX. 62	2387	3091	892	..	..	..	..
1212	..	.....	..	....	..	..	..	XX. 63	..	..	..	..	..	..	..
1213	..	5 Capricorni, α^1	2751	2	404	2593	824	XX. 54	2386	..	891	463	604	508	..
1214	3.4	6 CAPRICORNI, α^2	2753	3	376	2595	825	XX. 58	2388	..	893	464	605	509	..
1215	4.5	33 Cygni.....	2769	3 Cephei	474	2611	..	XX. 74	2391	3102	895	..	..	..	..
1216	6	68 Draconis.....	2771	....	..	2610	..	XX. 71	..	3097	..	..	..	..	2535
1217	6.5	7 Capricorni, σ	2756	4	380	2597	826	XX. 67	2393	..	897	..	606	..	..
1218	5	8 Capricorni, ν	2763	5	402	2608	828	XX. 81	2396	..	899	..	608	510	..
1219	3	9 Capricorni, β	2766	6	377	2609	829	XX. 83	2397	..	900	..	609	511	..
1220	..	.....	2790	....	..	..	..	XX. 119	..	..	..	..	..	..	2546
1221	4.5	1 Cephei, κ	2794	4	454	2632	..	XX. 126	2399	3148	901	..	..	..	..
1222	3.2	37 Cygni, γ	2778	19	594	2624	..	XX. 124	2401	3149	902	467	..	..	..
1223	6	71 Draconis.....	2785	....	..	2628	..	XX. 135	..	3159	..	..	..	..	2553
1224	5	10 Capricorni, π	2777	7	381	2623	834	XX. 131	2403	..	904	..	610	513	..
1225	5	11 Capricorni, ρ	2779	8	383	2626	835	XX. 142	2404	..	905	..	..	514	..
1226	..	.....	..	....	..	..	836	XX. 144	..	..	..	..	..	..	2555
1227	..	Ursæ Minoris, λ	..	24 Cephei	492	2795	..	XX. 424	..	3308	915	469	614	..	2575
1228	..	43 Cygni, ω^1	2792	....	..	2639	..	XX. 169	..	3186	..	..	..	..	2560
1229	4	2 Cephei, θ	2813	5	450	2651	..	XX. 211	2422	3218	911	468	..	..	..
1230	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1231	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1232	3.4	6 Delphini, β	2809	5	640	2656	..	XX. 227	2428	..	914	..	..	..	..
1233	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1234	6.5	27 Vulpeculæ.....	2812	20	1549	2660	..	XX. 232	2431	..	..	..	..	..	..
1235	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1236	6.5	15 Capricorni, ν	2806	11	385	2657	849	XX. 233	2432	..	916	..	615	520	..
1237	5.6	28 Vulpeculæ.....	2819	22	1552	2668	..	XX. 248	2438	..	..	..	..	..	..
1238	2.1	50 Cygni, α	2826	24	595	2679	852	XX. 285	2444	3257	923	474	617	..	..
1239	4.5	16 Capricorni, ψ	2822	12	386	2676	851	XX. 282	2445	..	924	..	618	521	..
1240	6	75 Draconis.....	2870	....	..	2704	..	XX. 331	..	3276	..	..	..	..	..

1221. Of the 4th magnitude: Proper Motion in R. A. (from Piazzi) = $-0^{\circ}.053$.

1226. This star follows ρ Capricorni at an interval of $8^{\circ}.5$, and is of the 7.8th magnitude.

1227. This is the λ Ursæ Minoris of the Nautical Almanac: the designating letter is Bode's, and not Bayer's.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
..	..	^h 19. 54. (30)	^s ...	1841	2	[°] 62. 41. 4" 73	- 9" 609	15 Vulpeculæ.	1201
1837	5	19. 56. 19.30	+ 2" 929	..	..	83. 10.	...	63 Aquilæ, τ.	1202
1840	1	20. 0. 0.84	2" 575	..	..	66. 51.	...	17 Vulpeculæ.	1203
..	..	20. 2. (0)	...	1840	40	22. 34. 56.46	10" 183	67 Draconis, ρ.	1204
..	..	20. 3. (0)	...	1838	2	28. 28. 2.97	10" 250	66 Draconis.	1205
1838	6	20. 3. 2.73	3" 095	..	..	91. 17.	...	65 Aquilæ, θ.	1206
..	..	20. 3. (30)	...	1838	2	53. 37. 40.79	10" 294	28 Cygni, b ² .	1207
1837	2	20. 3. 52.80	2" 499	..	..	63. 34.	...	18 Vulpeculæ.	1208
1837	5	20. 5. 6.73	2" 503	..	..	63. 40.	...	19 Vulpeculæ.	1209
1836	2	20. 6. 24.02	0" 963	1836	10	28. 23. 37.87	10" 504	.....	1210
..	..	20. 8. (40)	...	1840	5	43. 44. 27.49	10" 677	31 Cygni, ε ² .	1211
..	..	20. 8. (40)	...	1840	1	43. 46. 13.69	10" 677	.....	1212
1838	16	20. 8. 46.37	3" 330	1839	30	102. 59. 51.49	10" 685	5 Capricorni, α ¹ .	1213
1838	84	20. 9. 10.24	3" 332	1838	48	103. 2. 8.59	10" 717	6 CAPRICORNI, α ² .	1214
..	..	20. 9. (40)	...	1841	6	33. 55. 11.43	10" 750	33 Cygni.	1215
1836	2	20. 9. 56.92	0" 985	1836	10	28. 24. 15.65	10" 767	68 Draconis.	1216
1837	3	20. 10. 9.18	3" 472	1837	7	109. 36. 44.19	10" 782	7 Capricorni, σ.	1217
..	..	20. 11. (50)	...	1836	4	103. 15. 25.75	10" 911	8 Capricorni, ν.	1218
1840	6	20. 12. 0.84	+ 3" 376	1838	13	105. 16. 53.69	10" 923	9 Capricorni, β.	1219
1836	1	20. 13. 24.71	- 1" 850	..	..	12. 39. ....	...	.....	1220
1836	5	20. 14. 8.93	- 1" 882	1837	79	12. 46. 24.98	11" 085	1 Cephei, κ.	1221
..	..	20. 16. (30)	...	1839	4	50. 15. 8.26	11" 252	37 Cygni, γ.	1222
1836	2	20. 16. 56.05	+ 1" 055	1836	10	28. 14. 57.12	11" 278	71 Draconis.	1223
1840	8	20. 18. 9.26	3" 444	1840	5	108. 43. 51.93	11" 371	10 Capricorni, π.	1224
1840	5	20. 19. 43.51	+ 3" 433	1841	5	108. 20. 14.87	11" 480	11 Capricorni, ρ.	1225
..	..	20. 19. (50)	...	1841	2	108. 23. 42.59	11" 492	.....	1226
1839	25	20. 21. 39.20	- 50" 388	1839	77	1. 10. 15.19	11" 591	Ursæ Minoris, λ.	1227
1839	2	20. 22. 8.86	+ 1" 825	1839	11	41. 8. 41.07	11" 654	43 Cygni, ω ¹ .	1228
1839	10	20. 26. 53.13	1" 016	1837	75	27. 32. 31.83	11" 992	2 Cephei, θ.	1229
1841	5	20. 27. 39.76	1" 267	1841	6	30. 39. 53.54	12" 048	.....	1230
1841	1	20. 27. 52.36	1" 268	..	..	30. 40. ....	...	.....	1231
1837	5	20. 30. 2.73	2" 803	..	..	75. 57.	...	6 Delphini, β.	1232
1841	3	20. 30. 6.17	1" 280	1841	6	30. 38. 30.52	12" 218	.....	1233
1837	6	20. 30. 15.13	2" 554	..	..	64. 5.	...	27 Vulpeculæ.	1234
1840	1	20. 30. 18.93	3" 429	..	..	108. 42. ....	...	.....	1235
1840	7	20. 30. 55.92	3" 428	1841	5	108. 41. 48.89	12" 278	15 Capricorni, ν.	1236
..	..	20. 31. (30)	...	1837	10	66. 26. 30.37	12" 312	28 Vulpeculæ.	1237
1839	74	20. 35. 58.65	2" 042	1839	193	45. 17. 18.72	12" 621	50 Cygni, α.	1238
1838	10	20. 36. 36.60	+ 3" 573	1837	23	115. 50. 27.34	- 12" 663	16 Capricorni, ψ.	1239
1839	5	20. 37. 58.83	- 3" 347	..	..	9. 8.	...	75 Draconis.	1240

1230. Of about the 8th magnitude.

1233. Estimated as being of the 11th or 12th magnitude.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1241	4.3	2 Aquarii, ϵ	2828	1	69	2681	853	XX. 299	2450	..	925	..	..	522	..
1242	4.5	3 Aquarii.....	2829	18 Antinoi	65	2684	..	XX. 301	2451	..	926	..	..	523	..
1243	6	13 Delphini.....	2832	11	652	2688	..	XX. 309	2456	..	..	..	..	..	..
1244	5.4	.....	2846	6 Cephei	475	..	..	XX. 332	2459	..	931	..	..	..	..
1245	4.3	3 Cephei, η	2848	7	451	2698	..	XX. 338	2465	3286	932	478	..	..	..
1246	..	.....	..	....	..	2711	..	....	..	..	..	..	..	..	..
1247	4.5	18 Capricorni, ω	2835	13	387	2690	855	XX. 328	2464	..	..	..	..	..	..
1248	5.4	6 Aquarii, μ	2843	2	70	2696	857	XX. 345	2470	..	933	..	..	526	..
1249	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1250	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1251	5.6	57 Cygni.....	2858	30	621	2710	..	XX. 383	2477	3317	935	..	..	..	..
1252	5.6	32 Vulpeculae.....	2855	25	1556	2709	..	XX. 379	2478	..	936	..	..	..	..
1253	4	58 Cygni, ν	2868	31	606	2724	..	XX. 410	2480	3338	937	..	..	..	..
1254	..	.....	..	....	..	2727	..	....	2493	3346	938	..	626	..	..
1255	6	76 Draconis.....	2903	....	..	2754	..	XX. 463	2496	3370	939	..	..	..	..
1256	5.6	59 Cygni, f^1	2878	32	623	2732	..	XX. 437	..	3362	..	..	..	..	2635
1257	6	.....	..	....	..	2749	..	....	2499	3373	941	480	..	..	..
1258	5.6	22 Capricorni, η	2871	14	391	2729	866	XX. 436	2497	..	940	..	627	527	..
1259	4	23 Capricorni, θ	2875	15	389	2733	867	XX. 451	2501	..	942	..	628	..	..
1260	6	4 Equulei.....	2879	....	..	2739	..	XX. 458	2503	..	..	..	..	..	..
1261	4	62 Cygni, ξ	2886	35	607	2746	..	XX. 472	2505	3385	943	..	..	..	..
1262	6	25 Capricorni, χ	2881	17	392	2741	869	XX. 469	2506	..	944	..	629	..	..
1263	5.6	61 Cygni (1st star).....	2885	34	617	2744	..	XX. 475	..	..	945	481	..	..	2647
1264	..	61 Cygni (2nd star).....	..	..	..	2745	..	XX. 476	..	..	946	482	..	..	2648
1265	4.5	13 Aquarii, ν	2884	3	71	2747	871	XX. 485	2508	..	947	..	630	528	..
1266	5.6	63 Cygni, f^2	2890	36	624	2750	..	XX. 491	2509	3394	948	..	..	..	..
1267	3	64 Cygni, ζ	2896	37	598	2760	..	XXI. 35	2512	..	950	..	..	..	..
1268	6	29 Capricorni.....	2892	....	..	2759	..	XXI. 37	2516	..	953	..	634	529	..
1269	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1270	4	8 Equulei, α	2897	4	693	2764	..	XXI. 47	2517	..	954	..	..	..	..
1271	5	4 Piscis Australis.....	2893	....	..	2762	..	XXI. 46	2518	..	956	..	..	530	..
1272	4	65 Cygni, τ	2902	38	610	2767	..	XXI. 54	2519	..	957	486	..	..	..
1273	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1274	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1275	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1276	4.5	32 Capricorni, ι	2905	19	390	2772	879	XXI. 84	2528	..	961	..	635	532	..
1277	3.2	5 Cephei, α	2923	8	444	2786	..	XXI. 105	2536	3437	963	489	636	..	..
1278	4	34 Capricorni, ζ	2918	21	394	2785	883	XXI. 118	2543	..	965	..	638	534	..
1279	..	.....	..	....	..	..	..	XXI. 159	..	..	..	..	..	..	2695
1280	3	22 Aquarii, β	2931	4	68	2797	889	XXI. 162	2551	..	967	..	641	535	..

1245. Proper Motion (from Argelander) in R.A. = $+0^s.013$.
in N.P.D. = $-0^s.80$.

1246. Of about the 6th magnitude.

1247. A star of the 8th or 9th magnitude precedes this by a few seconds, and has 5' or 6' less N.P.D.

1249. Of about the 10th magnitude: preceding the next star in the present Catalogue by 11".

1250. Of about the 8.9th magnitude.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A., January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1841	7	20. 39. 0.49	+ 3.253	1841	7	100. 4. 36.99	-12.825	2 Aquarii, ϵ .	1241
1838	6	20. 39. 17.37	3.170	..	..	95. 36.	...	3 Aquarii.	1242
1837	5	20. 39. 52.65	2.971	..	..	84. 35.	...	13 Delphini.	1243
..	..	20. 41.(20)	...	1838	2	32. 59. 32.92	12.981	.....	1244
1841	5	20. 42. 1.64	+ 1.219	1837	63	28. 46. 51.29	13.027	3 Cephei, η .	1245
1840	5	20. 42. 6.63	- 2.090	1840	9	11. 8. 24.43	13.033	.....	1246
1836	2	20. 42. 15.57	+ 3.599	1837	6	117. 30. 46.00	13.043	18 Capricorni, ω .	1247
1839	11	20. 44. 1.05	3.240	1840	6	99. 34. 45.65	13.157	6 Aquarii, μ .	1248
..	..	20. 46.(50)	...	1841	1	31. 19. 42.27	13.343	.....	1249
1841	5	20. 47. 3.24	1.430	1841	5	31. 18. 17.81	13.359	.....	1250
..	..	20. 47.(30)	...	1841	4	46. 12. 57.35	13.388	57 Cygni.	1251
..	..	20. 47.(40)	...	1838	4	62. 32. 51.27	13.397	32 Vulpeculæ.	1252
..	..	20. 51.(10)	...	1840	22	49. 26. 45.48	13.627	58 Cygni, ν .	1253
1837	5	20. 52. 0.09	+ 1.605	..	..	33. 44. ....	...	.....	1254
1838	10	20. 53. 45.67	- 3.778	1839	16	8. 4. 1.62	13.790	76 Draconis.	1255
1839	2	20. 54. 23.14	+ 2.035	1839	7	43. 6. 3.20	13.827	59 Cygni, f^1 .	1256
1840	5	20. 54. 37.24	- 2.386	1840	8	10. 3. 5.51	13.847	.....	1257
1839	12	20. 55. 17.27	+ 3.431	1839	15	110. 28. 59.39	13.885	22 Capricorni, η .	1258
1840	5	20. 56. 56.66	3.379	1841	5	107. 51. 49.86	13.994	23 Capricorni, θ .	1259
..	..	20. 57.(30)	...	1837	10	84. 40. 12.86	14.025	4 Equulei.	1260
..	..	20. 59.(10)	...	1838	8	46. 42. 27.68	14.129	62 Cygni, ξ .	1261
1840	5	20. 59. 23.06	3.450	1840	3	111. 49. 55.40	14.140	25 Capricorni, χ .	1262
1839	55	20. 59. 43.74	2.691	1838	57	52. 2. 2.29	17.463	61 Cygni (1st star).	1263
1839	30	20. 59. 45.14	2.691	1839	31	52. 2. 4.29	17.463	61 Cygni (2nd star).	1264
1840	5	21. 0. 52.25	3.270	1841	3	102. 0. 55.33	14.234	13 Aquarii, ν .	1265
1839	2	21. 1. 5.43	2.061	1839	7	42. 59. 31.11	14.247	63 Cygni, f^2 .	1266
1838	106	21. 6. 7.70	2.548	1839	70	60. 25. 34.52	14.557	64 CYGNI, ζ .	1267
1840	8	21. 6. 52.96	3.330	1840	7	105. 49. 56.00	14.601	29 Capricorni.	1268
1841	5	21. 7. 24.68	1.618	1841	6	32. 11. 38.98	14.634	.....	1269
1838	5	21. 7. 49.36	2.995	..	..	85. 25.	...	8 Equulei, α .	1270
..	..	21. 8.(10)	...	1837	17	122. 50. 12.57	14.675	4 Piscis Australis.	1271
..	..	21. 8.(20)	...	1838	2	52. 38. 5.49	14.687	65 Cygni, τ .	1272
1841	2	21. 8. 50.59	1.629	..	..	32. 14. ....	...	.....	1273
..	..	21. 9.	...	1841	5	32. 14. 2.13	14.720	.....	1274
1841	4	21. 9. 0.96	1.631	..	..	32. 14. ....	...	.....	1275
1840	6	21. 13. 19.64	3.351	1840	6	107. 30. 43.09	14.982	32 Capricorni, ι .	1276
1838	65	21. 14. 45.31	1.417	1838	209	28. 5. 26.31	15.065	5 Cephei, α .	1277
1837	7	21. 17. 31.18	3.441	1837	8	113. 6. 1.04	15.215	34 Capricorni, ζ .	1278
1837	1	21. 22. 2.22	2.194	..	..	44. 8. ....	...	.....	1279
1838	89	21. 23. 7.81	+ 3.163	1839	58	96. 16. 17.60	-15.540	22 AQUARI, β .	1280

1263, 1264. The Annual Variations are taken from the Nautical Almanac: they include the Proper Motions +0.359 in R. A. and -3".30 in N. P. D.

1269. The Circle Observers note this as a star of about the 8th magnitude: the Transit Observer estimates it as being of the 12th magnitude.

1273. Proper Motion in N. P. D. (from Argelander) = -0".485.

1274. Mr. Richardson estimates this star as being of about the 8.9th magnitude; Mr. Rogerson notes it as being of the 12th magnitude: it is probable that it is identical with the preceding (No. 1273).

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Greenbridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1281	5	71 Cygni, <i>g</i>	2936	....	..	2799	..	XXI. 168	2553	3472	968	..	..	..	..
1282	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1283	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1284	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1285	6	37 Capricorni	2933	....	..	2800	891	XXI. 180	2555	..	..	..	..	..	..
1286	..	38 Capricorni	2934	....	..	2801	892	XXI. 181	2556	..	..	..	..	..	..
1287	3	8 Cephei, β	2950	11	445	2811	..	XXI. 198	2559	3493	969	491	644	..	..
1288	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1289	5. 4	39 Capricorni, ϵ	2938	22	396	2806	893	XXI. 197	2560	..	970	..	645	536	..
1290	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1291	5. 4	23 Aquarii, ξ	2939	5	72	2808	894	XXI. 209	2562	..	973	..	646	537	..
1292	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1293	4. 3	40 Capricorni, γ	2945	23	378	2815	895	XXI. 223	2566	..	976	494	648	538	..
1294	5	43 Capricorni, κ	2955	25	397	2821	897	XXI. 238	2570	..	978	..	649	540	..
1295	5	9 Piscis Australis, ι	2957	....	..	2825	..	XXI. 250	2577	..	980	..	..	541	..
1296	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1297	2. 3	8 PEGASI, ϵ	2963	3	1079	2835	..	XXI. 260	2578	..	981	..	..	..	..
1298	5. 4	80 Cygni, π^1	2977	44	627	2845	..	XXI. 263	2580	3553	982	..	..	..	..
1299	5. 6	79 Cygni	2975	....	..	2843	..	....	..	..	..	..	..	..	..
1300	4. 5	{ 78 Cygni, μ^1	2973	43	612	2839	..	XXI. 266	2582	..	984	496	..	..	..
1301	..	{ 78 Cygni, μ^2				2840	..	....	..	..	..	..	..	..	..
1302	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1303	..	.....	..	....	..	..	..	XXI. 267	..	..	..	498	..	..	..
1304	5. 6	48 Capricorni, λ	2969	28	399	2844	900	XXI. 270	2585	..	986	..	..	..	..
1305	3	49 Capricorni, δ	2971	27	379	2847	901	XXI. 276	2586	..	987	499	652	542	..
1306	5	11 Cephei.....	2987	15	458	2856	..	XXI. 292	2590	3566	989	..	..	..	..
1307	5	10 Cephei, ν	2984	14	479	2857	..	XXI. 297	2594	3569	991	501	..	..	..
1308	6	78 Draconis.....	2993	16 Cephei	459	2861	..	XXI. 302	2595	3572	992	..	..	..	..
1309	..	.....	..	....	..	..	..	....	..	3590	994	..	..	..	..
1310	5	51 Capricorni, μ	2985	29	401	2860	905	XXI. 315	2600	..	995	502	653	545	..
1311	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1312	6. 5	15 Pegasi	2991	47 Cygni	638	2863	..	XXI. 319	2601	..	..	..	..	..	..
1313	..	13 Cephei, μ	2997	17	463	2868	..	XXI. 336	..	3606	..	..	..	..	2747
1314	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1315	..	11 Piscis Australis	2994	....	..	..	..	....	..	..	..	..	..	..	..
1316	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1317	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1318	5. 6	30 Aquarii	3005	....	..	2882	..	XXI. 374	2614	..	..	..	656	..	..
1319	5. 6	16 Cephei	3028	19	461	2900	..	XXI. 394	..	3665	997	504	..	..	2764
1320	3	34 AQUARI, α	3011	11	67	2890	914	XXI. 387	2619	..	998	505	657	550	..

1284. Of about the 8th magnitude.

1285. Two stars in the field: the north star, which is the brighter, is observed.

1286. The Transit Observer notes this as a star of the 5th magnitude: the Circle Observer estimates it as being of the 7. 8th magnitude.

1288. Of about the 7th magnitude.

1296. Of about the 8th magnitude.

1299. The preceding and brighter of two near stars of the 5. 6th magnitude.

1300. The brighter star: of about the 5th magnitude.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N.P.D.	Whole Number of Observations in N.P.D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1837	5	^h 21. ^m 23. ^s 32.75	+ 2.200	..	..	44. 10.	" ...	71 Cygni, <i>g</i> .	1281
1837	1	21. 23. 42.40	2.201	..	..	44. 12. ....	...	.....	1282
..	..	21. 25.	...	1836	2	75. 1. 11.82	-15.640	.....	1283
1841	5	21. 25. 4.77	1.795	1841	5	33. 15. 32.78	15.646	.....	1284
1836	1	21. 25. 51.38	3.386	1836	2	110. 47. 37.72	15.675	37 Capricorni.	1285
1836	5	21. 25. 54.41	3.388	1837	10	110. 57. 28.88	15.681	38 Capricorni.	1286
1839	60	21. 26. 34.21	0.808	1838	168	20. 8. 26.73	15.727	8 Cephei, β .	1287
1841	5	21. 26. 49.33	1.804	1841	5	33. 12. 7.28	15.740	.....	1288
1839	7	21. 28. 6.64	3.372	1840	5	110. 10. 44.48	15.811	39 Capricorni, ϵ .	1289
1841	1	21. 28. 40.16	1.817	..	..	33. 12. ....	...	.....	1290
1840	5	21. 29. 13.70	3.193	1840	4	98. 34. 6.33	15.866	23 Aquarii, ξ .	1291
..	..	21. 30.	...	1841	1	33. 10. 2.66	15.911	.....	1292
1838	15	21. 31. 12.95	3.323	1838	9	107. 22. 53.47	15.973	40 Capricorni, γ .	1293
1838	5	21. 33. 42.80	3.353	1838	12	109. 35. 30.99	16.099	43 Capricorni, κ .	1294
..	..	21. 35. (20)	...	1837	9	123. 45. 7.67	16.190	9 Piscis Australis, ι .	1295
1841	5	21. 35. 58.50	1.886	1841	5	33. 35. 21.40	16.225	.....	1296
1838	90	21. 36. 19.60	2.944	1838	65	80. 51. 19.88	16.244	8 PEGASI, ϵ .	1297
1841	3	21. 36. 25.00	2.121	1841	7	39. 32. 19.11	16.248	80 Cygni, π^1 .	1298
1836	5	21. 36. 48.85	2.467	1836	10	52. 26. 46.90	16.257	79 Cygni.	1299
1838	2	21. 36. 59.35	2.652	1838	7	61. 58. 38.95	16.271	78 Cygni, μ^1 .	1300
1838	5	21. 36. 59.76	2.652	1838	11	61. 58. 41.13	16.271	78 Cygni, μ^2 .	1301
1836	1	21. 37. 0.03	2.468	1836	3	52. 25. 29.65	16.271	.....	1302
1838	1	21. 37. 13.60	2.652	1838	4	61. 56. 51.38	16.283	.....	1303
1840	5	21. 37. 54.91	3.236	1840	6	102. 6. 1.65	16.327	48 Capricorni, λ .	1304
1839	16	21. 38. 12.03	3.305	1839	12	106. 50. 59.59	16.336	49 Capricorni, δ .	1305
..	..	21. 39. (30)	...	1839	5	19. 25. 27.67	16.403	11 Cephei.	1306
..	..	21. 40. (50)	...	1838	17	29. 36. 57.11	16.469	10 Cephei, ν .	1307
1837	5	21. 41. 5.39	0.786	..	..	18. 25.	...	78 Draconis.	1308
..	..	21. 44. (10)	...	1837	2	20. 35. 23.58	16.632	.....	1309
1840	5	21. 44. 33.85	3.260	1840	8	104. 18. 5.39	16.654	51 Capricorni, μ .	1310
1838	1	21. 44. 55.45	1.429	..	..	24. 23. ....	...	.....	1311
..	..	21. 45. (20)	...	1837	2	61. 57. 9.38	16.691	15 Pegasi.	1312
1841	5	21. 47. 43.64	2.010	1841	7	34. 32. 23.50	16.808	13 Cephei, μ .	1313
1839	2	21. 49. 30.86	2.007	1839	9	34. 8. 39.32	16.889	.....	1314
1838	5	21. 50. 23.55	3.455	1839	13	118. 23. 31.44	16.935	11 Piscis Australis.	1315
..	..	21. 54. (40)	...	1841	1	35. 8. 51.78	17.130	.....	1316
1841	4	21. 54. 40.84	2.084	1841	5	35. 10. 58.10	17.130	.....	1317
1840	5	21. 54. 51.19	3.159	1840	8	97. 17. 33.98	17.137	30 Aquarii.	1318
..	..	21. 57. (0)	...	1837	2	17. 34. 49.51	17.235	16 Cephei.	1319
1838	100	21. 57. 33.76	+ 3.083	1838	84	91. 5. 40.49	-17.262	34 AQUARI, α .	1320

1301. Of the 6. 7th magnitude.

1303. Of the 8th magnitude.

1315. Of the 9th magnitude.

1316. Of about the 10th or 9. 10th magnitude, and preceding the next star in the present Catalogue by 5^s.

1317. Of about the 8th or 9th magnitude.

1302. Of about the 7th magnitude.

1313. Of about the 6th magnitude.

GREENWICH CATALOGUE OF 1439 STARS,

Number of Star.	Magnitude from Argander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A. S. C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1321	4	33 Aquarii, ι	3010	10	81	2889	913	XXI. 389	2622	..	1000	..	658	551	..
1322	5.4	{ 17 Cephei, ξ^1	3030	18	453	2907	..	XXI. 408	2625	3678	1001	..	..	..	..
1323		{ 17 Cephei, ξ^2													
1324	6.5	19 Cephei	3032	20	480	2910	..	XXI. 416	..	3686	..	..	..	..	2771
1325	..	36 Aquarii	3022	....	..	2905	..	XXI. 414	2629	..	..	507	..	..	..
1326	3.4	26 Pegasi, θ	3029	10	1086	2914	..	XXII. 1	2634	..	1004	509	..	..	..
1327	..	27 Pegasi, π^1	3034	....	..	2915	..	XXII. 3	2636	..	1005	..	..	..	..
1328	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1329	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1330	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1331	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1332	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1333	4	29 Pegasi, π^2	3037	11	1094	2917	..	XXII. 6	2637	..	1006	..	..	..	..
1334	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1335	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1336	4.3	21 Cephei, ζ	3041	22	448	2925	..	XXII. 26	2646	3706	1007	..	..	..	..
1337	6	.....	..	....	..	2926	..	....	..	3712	..	..	..	..	..
1338	..	.....	..	....	..	..	..	....	..	3714	..	..	..	..	..
1339	4.5	43 Aquarii, θ	3043	14	79	2929	918	XXII. 44	2655	..	1011	..	668	556	..
1340	5.4	23 Cephei, ϵ	3049	23	447	2937	..	XXII. 54	2659	3728	1013	..	670	..	..
1341	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1342	6	25 Cephei	3061	....	..	2947	..	XXII. 75	..	3741	..	..	..	..	2795
1343	4.3	48 Aquarii, γ	3055	16	75	2943	921	XXII. 72	2664	..	1017	512	..	558	..
1344	5	32 Pegasi	3058	14	1102	2946	..	XXII. 77	2666	..	..	..	..	..	..
1345	5.4	2 Lacertæ	3063	5	846	2948	..	XXII. 79	2667	3747	1019	..	..	..	..
1346	5.4	52 Aquarii, π	3065	17	76	2952	..	XXII. 90	2674	..	1020	..	..	..	..
1347	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1348	..	.....	..	....	..	..	..	....	..	3771	..	..	..	..	..
1349	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1350	..	.....	..	....	..	..	..	....	..	3772	..	..	..	..	..
1351	..	.....	..	....	..	..	..	....	..	3773	..	..	..	..	..
1352	..	.....	..	....	..	..	..	....	..	3774	..	..	..	..	..
1353	3.4	{ 55 Aquarii, ζ , south star }	3072	18	77	2960	925	XXII. 111	2684	..	{ 1024	..	{ ..	..	..
1354		{ 55 Aquarii, ζ , north star }													
1355	5.4	57 Aquarii, σ	3077	19	82	2966	926	XXII. 122	2688	..	1025	518	674	563	..
1356	4	17 Piscis Australis, β	3076	....	..	2964	..	XXII. 123	2689	..	1026	..	..	564	..
1357	Var.	{ 27 Cephei, δ^1	3084	27	449	{ 2972	..	XXII. 134	..	..	..	..	675	..	2817
1358		{ 27 Cephei, δ^2													
1359	5	6 Lacertæ	3083	6	844	2971	..	XXII. 136	..	3792	..	..	..	..	2819
1360	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..

1325. Of the 6th or 7th magnitude.

1328. Of about the 12th or 13th magnitude; and a star of nearly the same N.P.D. follows it at an interval of about 10".

1329. Of about the 9th or 8.9th magnitude.

1330. Of about the 8th or 8.9th magnitude: it is probable that this star is identical with the following (No. 1331).

1337. The N.P.D. by Bessel's Bradley (No. 2926) is greater than that of this Catalogue by 1'. 14".

1340. Proper Motion in R.A. (from Baily) = +0".060.

1341, 1347. Of about the 8th magnitude.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1838	8	21. 57. 47.22 ^{h m s}	+ 3.248	1838	5	104. 38. 35.24 ^{o ' "}	-17.272	33 Aquarii, ι .	1321
..	..	21. 59. (10)	...	1837	1	26. 9. 0.51	17.325	17 Cephei, ξ^1 .	1322
..	..	21. 59. (10)	...	1837	4	26. 9. 0.33	17.325	17 Cephei, ξ^2 .	1323
1836	2	22. 0. 13.30	1.839	1836	10	28. 29. 48.95	17.372	19 Cephei.	1324
1837	9	22. 0. 58.97	3.174	1836	10	98. 58. 10.60	17.401	36 Aquarii.	1325
1838	6	22. 2. 7.64	3.006	..	..	84. 35.	...	26 Pegasi, θ .	1326
..	..	22. 2. (10)	...	1837	10	57. 36. 25.39	17.463	27 Pegasi, π^1 .	1327
..	..	22. 2. (10)	...	1841	1	34. 50. 17.59	17.463	.....	1328
1841	1	22. 2. 14.34	2.160	1841	4	35. 50. 9.78	17.467	.....	1329
..	..	22. 2.	...	1840	2	34. 52. 27.90	17.467	.....	1330
1841	2	22. 2. 15.17	2.127	..	..	34. 50. ....	...	.....	1331
1841	1	22. 2. 20.03	2.126	..	..	34. 49. ....	...	.....	1332
..	..	22. 2. (50)	...	1837	10	57. 36. 17.10	17.490	29 Pegasi, π^2 .	1333
1840	1	22. 3. 1.67	2.131	..	..	34. 49. ....	...	.....	1334
1841	1	22. 3. 35.67	2.135	..	..	34. 49. ....	...	.....	1335
1841	5	22. 5. 18.82	2.067	1840	21	32. 35. 8.67	17.597	21 Cephei, ζ .	1336
1841	5	22. 6. 2.57	2.123	1839	8	33. 57. 17.18	17.625	.....	1337
1841	4	22. 6. 29.42	2.185	1841	3	35. 41. 27.82	17.647	.....	1338
1839	15	22. 8. 23.07	3.164	1839	8	98. 34. 39.42	17.721	43 Aquarii, θ .	1339
1841	6	22. 9. 9.16	2.139	1838	43	33. 45. 9.11	17.755	23 Cephei, ϵ .	1340
1841	5	22. 9. 37.01	2.213	1841	5	36. 26. 12.95	17.775	.....	1341
1836	2	22. 12. 59.92	1.936	1836	10	27. 59. 46.41	17.904	25 Cephei.	1342
1839	13	22. 13. 23.32	3.093	1839	7	92. 11. 23.45	17.922	48 Aquarii, γ .	1343
..	..	22. 14. (0)	...	1839	2	62. 28. 23.21	17.949	32 Pegasi.	1344
..	..	22. 14. (20)	...	1840	10	44. 16. 1.69	17.965	2 Lacertæ.	1345
..	..	22. 17. (10)	...	1837	2	89. 25. 55.85	18.070	52 Aquarii, π .	1346
1841	3	22. 18. 49.83	2.314	1840	3	37. 5. 8.10	18.132	.....	1347
1841	7	22. 19. 33.28	2.317	1841	6	36. 59. 44.53	18.163	.....	1348
..	..	22. 19. (40)	...	1841	3	36. 58. 10.79	18.163	.....	1349
1840	1	22. 19. 41.17	2.314	..	..	36. 52. ....	...	.....	1350
1841	4	22. 19. 45.12	2.320	1841	5	37. 1. 49.16	18.163	.....	1351
1841	5	22. 20. 3.16	2.321	1841	3	36. 59. 18.12	18.179	.....	1352
1838	1	22. 20. 35.33	3.062	1840	8	90. 50. 12.98	18.193	55 Aquarii, ζ , south star.	1353
1839	14	22. 20. 35.37	3.062	1840	5	90. 50. 9.49	18.193	55 Aquarii, ζ , north star.	1354
1839	13	22. 22. 10.37	3.183	1837	10	101. 29. 40.41	18.255	57 Aquarii, σ .	1355
..	..	22. 22. (20)	...	1837	20	123. 9. 53.25	18.262	17 Piscis Australis, β .	1356
..	..	22. 23. (10)	...	1838	9	32. 24. 48.73	18.297	27 Cephei, δ^1 .	1357
1841	5	22. 23. 14.54	+ 2.206	1837	78	32. 24. 8.27	18.297	27 Cephei, δ^2 .	1358
..	..	22. 23. (40)	...	1840	8	47. 41. 41.98	18.310	6 Lacertæ.	1359
..	..	22. 25.	...	1840	2	33. 24. 0.62	-18.356	.....	1360

1348. Several faint stars in the field : the brightest was observed. The Circle observation of 1840, Dec. 21, is rejected on account of its discordance.

1349. Of about the 9th magnitude.

1353, 1354. A very close double star, the components being of nearly the same magnitude, and having nearly the same R. A.

1358. This is the brighter star.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Baily's Hevelius & Bradley.	Number in Baily's Mayer.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1361	5.6	.....	..	32 Cephei	484	2993	..	XXII. 165	..	3820	..	..	..	..	2821
1362	4.3	62 Aquarii, η	3090	21	78	2979	928	XXII. 151	2698	..	1031	..	..	566	..
1363	5	63 Aquarii, κ	3092	22	88	2983	929	XXII. 166	2701	..	1034	..	679	..	..
1364	5	9 Lacertæ	3098	29 Cephei	457	2987	..	XXII. 173	..	3839	..	..	..	..	2835
1365	..	.....	..	....	..	..	930	XXII. 176	2704	..	..	..	..	..	..
1366	4	18 Piscis Australis, ϵ	3095	23 Aquarii	108	2986	..	XXII. 175	2705	..	1036	..	..	568	..
1367	5	31 Cephei	3113	31	494	2994	..	XXII. 185	2707	3846	1037	..	..	..	..
1368	5.6	30 Cephei	3111	30	481	2996	..	XXII. 190	2709	3850	1038	..	..	..	..
1369	3.4	42 PEGASI, ζ	3102	16	1080	2992	..	XXII. 189	2710	..	1039	..	..	..	..
1370	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1371	..	.....	..	....	..	..	..	XXII. 197	..	3855	..	..	..	..	2846
1372	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1373	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1374	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1375	4	71 Aquarii, τ^2	3123	25	86	3013	938	XXII. 225	2726	..	1045	..	685	..	..
1376	4	48 Pegasi, μ	3126	21	1097	3016	..	XXII. 231	2727	..	1046	..	686	..	..
1377	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1378	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1379	..	.....	..	....	..	..	..	....	..	3901	..	..	..	..	..
1380	4.3	32 Cephei, ι	3138	33	452	3022	..	XXII. 238	2729	3905	1048	529	..	..	..
1381	4	73 Aquarii, λ	3128	26	89	3019	940	XXII. 235	2730	..	1049	..	687	573	..
1382	..	.....	..	....	..	..	..	....	..	3913	..	..	..	..	..
1383	3	76 Aquarii, δ	3135	27	87	3025	941	XXII. 245	2735	..	1051	..	690	574	..
1384	5	.....	..	34 Cephei	488	3038	..	XXII. 258	..	3928	..	..	..	..	..
1385	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1386	1.2	24 PISCIS AUSTRALIS, α ,	3142	28 Aquarii	107	3032	942	XXII. 253	2741	..	1052	..	692	575	..
1387	..	.....	..	....	..	..	..	XXII. 262	..	..	..	..	..	..	2869
1388	6	3 Piscium	3151	....	..	3039	..	XXII. 274	2746	..	..	..	694	..	..
1389	4.3	1 Andromedæ, ϕ	3154	2	14	3043	..	XXII. 284	2751	3954	1053	..	..	..	..
1390	5.4	4 Piscium, β	3155	1	1166	3046	945	XXII. 287	2752	..	1054	..	..	..	..
1391	2	54 PEGASI, α	3160	25	1081	3050	949	XXII. 290	2755	..	1057	535	697	..	..
1392	5.6	1 Cassiopeiæ	3171	35 Cephei	466	3061	..	XXII. 308	..	3984	..	..	..	..	2887
1393	5.4	33 Cephei, π	3179	37	493	3074	..	XXIII. 8	2768	4002	1066	..	..	..	..
1394	6	2 Cassiopeiæ	3177	....	..	3071	..	XXIII. 6	..	3998	..	..	..	..	2898
1395	5	7 Andromedæ	3181	4	29	3075	..	XXIII. 14	2771	4011	1067	..	..	..	..
1396	4.5	90 Aquarii, ϕ	3180	33	91	3076	955	XXIII. 19	2772	..	1068	..	699	582	..
1397	5.4	91 Aquarii, ψ^1	3184	34	93	3078	956	XXIII. 22	2773	..	1069	541	700	..	..
1398	4	6 Piscium, γ	3187	3	1167	3082	958	XXIII. 31	2777	..	1071	542	..	..	..
1399	5.4	Apparatus Sculptoris, γ ..	..	....	..	..	..	XXIII. 36	2779	..	1073	..	..	585	..
1400	5.6	8 Andromedæ	3192	....	..	3089	..	XXIII. 39	2780	4026	1074	..	..	..	..

1370. Of about the 6th magnitude.
 1373. Of about the 8.9th magnitude.
 1379. Of the 6th magnitude.

1372. Of about the 7th magnitude.
 1378. Of about the 6th magnitude.
 1385. Of the 7.8th magnitude.

Mean Year for R. A.	Whole Number of Observations in R. A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1840	5	22. 25. 4 ^h 54 ^m	- 3.448	..	..	4. 42. ....	" ..	.....	1361
1839	14	22. 27. 7.88	+ 3.078	1840	6	90. 56. 24.42	- 18.422	62 Aquarii, η .	1362
1840	5	22. 29. 27.94	3.115	1840	7	95. 3. 4.95	18.511	63 Aquarii, κ .	1363
1839	2	22. 30. 48.69	2.450	1839	8	39. 16. 45.92	18.556	9 Lacertæ.	1364
..	..	22. 31.(40)	...	1837	1	100. 11. 36.07	18.578	.....	1365
..	..	22. 31.(50)	...	1837	23	117. 52. 34.65	18.589	18 Piscis Australis, ϵ .	1366
..	..	22. 31.(50)	...	1839	18	17. 11. 11.34	18.589	31 Cephei.	1367
..	..	22. 33. (0)	...	1840	2	27. 14. 45.32	18.628	30 Cephei.	1368
1838	116	22. 33. 28.97	2.984	1838	81	80. 0. 7.31	18.644	42 PEGASI, ζ .	1369
..	..	22. 33.(40)	...	1838	4	24. 19. 43.72	18.649	.....	1370
1841	1	22. 34. 11.68	2.596	1841	1	45. 49. 34.28	18.658	.....	1371
..	..	22. 36. (0)	...	1839	1	24. 19. 36.86	18.723	.....	1372
1839	6	22. 38. 48.40	2.045	1839	5	24. 20. 44.01	18.811	.....	1373
1841	1	22. 39. 56.69	3.043	1841	1	86. 40. 31.79	18.844	.....	1374
1836	2	22. 41. 6.82	3.185	1836	4	104. 26. 7.16	18.873	71 Aquarii, τ^2 .	1375
..	..	22. 42.(20)	...	1838	2	66. 14. 29.35	18.915	48 Pegasi, μ .	1376
1839	1	22. 42. 56.22	2.093	..	..	24. 20. ....	...	.....	1377
..	..	22. 43. (0)	...	1839	3	24. 17. 30.26	18.934	.....	1378
1841	5	22. 43. 19.19	2.550	1840	5	40. 10. 8.30	18.945	.....	1379
1839	5	22. 44. 0.15	2.121	1836	70	24. 38. 23.43	18.960	32 Cephei, ι .	1380
1839	17	22. 44. 15.74	3.134	1839	11	98. 25. 45.32	18.970	73 Aquarii, λ .	1381
1841	5	22. 45. 45.06	2.566	1841	6	40. 8. 35.92	19.010	.....	1382
1837	8	22. 46. 8.99	3.196	1836	2	106. 40. 11.91	19.017	76 Aquarii, δ .	1383
1839	6	22. 47. 55.50	0.014	..	..	7. 42. ....	...	.....	1384
1838	3	22. 48. 6.43	2.154	1839	4	24. 14. 22.28	19.075	.....	1385
1839	64	22. 48. 47.62	3.311	1838	50	120. 28. 6.96	19.096	24 PISCIS AUSTRALIS, α .	1386
1841	1	22. 50. 49.66	3.302	..	..	120. 19. ....	...	.....	1387
1840	6	22. 52. 25.48	3.074	1840	7	90. 40. 17.86	19.187	3 Piscium.	1388
..	..	22. 54.(30)	...	1841	13	48. 31. 57.04	19.241	1 Andromedæ, ϵ .	1389
1840	5	22. 55. 44.08	3.051	1840	7	87. 2. 24.66	19.270	4 Piscium, β .	1390
1838	118	22. 56. 47.64	2.977	1839	78	75. 39. 15.57	19.298	54 PEGASI, α .	1391
1836	2	22. 59. 52.26	2.500	1836	10	31. 26. 38.31	19.365	1 Cassiopeiæ.	1392
..	..	23. 2.(50)	...	1838	9	15. 28. 35.98	19.433	33 Cephei, π .	1393
1836	2	23. 2. 54.90	2.530	1836	10	31. 32. 3.15	19.437	2 Cassiopeiæ.	1394
..	..	23. 5.(10)	...	1841	14	41. 28. 0.41	19.484	7 Andromedæ.	1395
1840	7	23. 6. 2.01	3.108	1839	6	96. 54. 37.16	19.502	90 Aquarii, ϕ .	1396
1837	5	23. 7. 30.08	3.122	1837	12	99. 57. 30.33	19.528	91 Aquarii, ψ^1 .	1397
1839	14	23. 8. 52.16	+ 3.058	1839	14	87. 35. 27.16	19.559	6 Piscium, γ .	1398
..	..	23. 10.(10)	...	1836	11	123. 24. 9.49	19.584	Apparatûs Sculptoris, γ .	1399
..	..	23. 10.(20)	...	1840	10	41. 51. 29.27	- 19.587	8 Andromedæ.	1400

1398. Proper Motion in R. A. (from Argelander) = + 0.05.

1399. The designating letter is La Caille's.

Number of Star.	Magnitude from Argelander.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number in Baily's Flamsteed.	Number in Flamsteed's Hevelius.	Number in Baily's Hevelius.	Number in Bessel's Bradley.	Number in Baily's Mayr.	Number in Piazzi (Edition 1814).	Number in A.S.C.	Number in Groombridge's Catalogue.	No. in Pond's Catalogue of 1112 Stars.	Number in Argelander.	Number in First Cambridge Catalogue.	Number in Johnson's Catalogue.	No. in Taylor's Catalogue of 3000 Stars.
1401	5	95 Aquarii, ψ^3	3190	38	95	3087	960	XXIII. 40	2781	..	1075	..	702	586	..
1402	6.5	96 Aquarii	3191	....	..	3090	..	XXIII. 46	2783	..	1076	545	703	..	..
1403	6.5	34 Cephei, σ	3201	38	482	3097	..	XXIII. 53	..	4038	..	..	..	..	2913
1404	5.4	62 Pegasi, τ	3198	30	1100	3096	..	XXIII. 56	2787	..	1077	..	..	..	..
1405	6	4 Cassiopeiæ.....	3215	....	..	3115	..	XXIII. 81	2796	4059	1081	..	..	..	..
1406	5.4	8 Piscium, κ	3214	5	1171	3116	965	XXIII. 83	2798	..	1082	..	704	..	..
1407	4.5	10 Piscium, θ	3217	6	1169	3120	967	XXIII. 92	2801	..	1083	549	..	..	..
1408	6	.....	..	....	..	3125	..	....	2802	..	1084	..	705	..	..
1409	..	.....	..	....	..	..	..	XXIII. 100	..	4077	..	..	..	..	2931
1410	5	.....	3224	1 Cassiop.	435	..	..	XXIII. 101	2807	4078	1086	..	..	..	..
1411	6	.....	..	39 Cephei	485	3147	..	XXIII. 135	..	4101	..	..	..	..	2947
1412	4	16 Andromedæ, λ	3237	7	12	3143	..	XXIII. 138	2819	4106	1089	551	..	..	..
1413	..	.....	..	....	..	..	..	....	..	..	..	..	..	..	..
1414	6.5	18 Andromedæ	3242	....	..	3146	..	XXIII. 144	..	4111	..	..	..	..	2951
1415	4.5	17 Piscium, ι	3240	7	1170	3148	977	XXIII. 145	2823	..	1091	552	..	..	..
1416	4	19 Andromedæ, κ	3243	9	11	3149	..	XXIII. 151	2824	4118	1092	..	..	..	..
1417	3.4	35 Cephei, γ	3249	40	446	3152	..	XXIII. 155	2826	4122	1093	553	708	..	..
1418	5	18 Piscium, λ	3246	8	1172	3153	978	XXIII. 158	2829	..	1096	..	..	..	..
1419	..	.....	..	....	..	..	..	....	..	4128	..	..	..	..	..
1420	5	20 Andromedæ, ψ	3255	10	13	3163	..	XXIII. 181	2837	4137	1099	..	709	..	..
1421	5	5 Cassiopeiæ, τ	3260	16	422	3164	..	XXIII. 187	2840	4138	1101	..	..	..	..
1422	6	20 Piscium	3259	....	..	3165	982	XXIII. 188	2841	..	..	..	712	..	..
1423	4.5	Apparatûs Sculptoris, δ...	..	....	..	..	..	XXIII. 192	2844	..	1103	..	..	597	..
1424	6	6 Cassiopeiæ.....	3264	....	..	3169	..	XXIII. 195	..	4145	..	..	..	..	2966
1425	..	.....	..	....	..	..	..	XXIII. 202	..	4147	..	..	..	..	..
1426	..	.....	..	....	..	3181	..	....	..	..	..	..	..	..	..
1427	..	.....	..	....	..	..	..	XXIII. 236	..	..	..	..	..	..	..
1428	6	.....	..	....	..	3185	..	XXIII. 237	..	4173	..	..	..	..	2981
1429	5.6	27 Piscium	3279	1 Ceti	535	3189	990	XXIII. 244	2864	..	1105	..	719	601	..
1430	5	8 Cassiopeiæ, σ	3281	8	421	3190	..	XXIII. 245	..	4186	..	..	..	..	2985
1431	4	28 Piscium, ω	3280	9	1173	3191	991	XXIII. 246	2865	..	1106	556	..	..	..
1432	6	.....	..	....	..	..	..	....	..	4199	..	..	..	..	..
1433	5.6	29 Piscium	3284	2 Ceti	536	3196	992	XXIII. 255	2869	..	1108	..	721	603	..
1434	5	30 Piscium	3286	3 Ceti	533	3197	993	XXIII. 256	2870	..	1109	..	722	604	..
1435	..	.....	..	....	..	3203	..	....	..	..	..	..	..	..	..
1436	4.5	2 Ceti	3290	4	530	3204	..	XXIII. 264	2874	..	1110	..	..	605	..
1437	6	9 Cassiopeiæ	3292	....	..	3205	..	XXIII. 265	..	4217	..	..	..	..	2997
1438	5	33 Piscium	3294	5 Ceti	534	3208	996	XXIII. 272	2877	..	1111	..	724	606	..
1439	6	10 Cassiopeiæ	3296	....	..	3211	..	XXIII. 275	..	4233	..	..	..	..	3000

1409. Of about the 7. 8th magnitude.

1413. Of the 8th magnitude.

1415. The Annual Variation in N.P.D. is taken from the Nautical Almanac: it includes the Proper Motion $+0''.55$.
Proper Motion in R. A. (from Baily) $= +0''.025$.

1410. Of about the 5. 6th magnitude.

Mean Year for R.A.	Whole Number of Observations in R.A.	Mean R. A. January 1, 1840.	Annual Precession.	Mean Year for N. P. D.	Whole Number of Observations in N. P. D.	Mean N. P. D. January 1, 1840.	Annual Precession.	Flamsteed's Number, Constellation, and Bayer's Letter.	Number of Star.
1836	4	23. 10. 37.94	+ 3.122	1836	6	100. 29. 3.72	-19.590	95 Aquarii, ψ^2 .	1401
1839	6	23. 11. 6.03	3.100	1839	11	95. 59. 51.79	19.603	96 Aquarii.	1402
1836	2	23. 12. 5.13	2.406	1836	12	22. 45. 47.49	19.617	34 Cephei, α .	1403
..	..	23. 12. (40)	...	1839	6	67. 8. 3.64	19.629	62 Pegasi, τ .	1404
..	..	23. 17. (40)	...	1840	24	28. 35. 41.81	19.715	4 Cassiopeiae.	1405
1840	11	23. 18. 43.78	3.068	1840	10	89. 37. 10.33	19.731	8 Piscium, κ .	1406
1838	7	23. 19. 51.20	3.046	1837	16	84. 29. 57.00	19.747	10 Piscium, θ .	1407
1837	5	23. 20. 32.81	2.452	..	..	20. 31. ....	...	.....	1408
1836	1	23. 22. 30.58	2.723	1841	1	32. 19. 59.01	19.783	.....	1409
1836	2	23. 22. 40.04	2.722	1839	25	32. 19. 57.28	19.790	.....	1410
1839	5	23. 27. 48.40	0.080	..	..	3. 34. ....	...	.....	1411
..	..	23. 29. (40)	...	1839	5	44. 24. 29.60	19.880	16 Andromedæ, λ .	1412
..	..	23. 31. (20)	...	1837	1	102. 50. 20.71	19.897	.....	1413
1839	2	23. 31. 24.29	2.874	1840	5	40. 24. 49.33	19.899	18 Andromedæ.	1414
1839	78	23. 31. 43.31	3.057	1838	58	85. 14. 25.44	19.353	17 PISCIMUM, ι .	1415
..	..	23. 32. (30)	...	1840	2	46. 33. 3.59	19.912	19 Andromedæ, κ .	1416
1839	38	23. 32. 50.14	2.400	1838	193	13. 15. 37.43	19.915	35 Cephei, γ .	1417
1839	9	23. 33. 52.88	3.068	1840	3	89. 6. 0.11	19.925	18 Piscium, λ .	1418
1841	6	23. 34. 23.17	2.925	1840	6	45. 53. 39.27	19.930	.....	1419
..	..	23. 38. (10)	...	1838	2	44. 28. 3.25	19.964	20 Andromedæ, ψ .	1420
..	..	23. 39. (20)	...	1840	11	32. 14. 20.45	19.975	5 Cassiopeiae, τ .	1421
1838	17	23. 39. 42.89	3.077	1838	21	93. 39. 3.06	19.978	20 Piscium.	1422
..	..	23. 40. (30)	...	1837	10	119. 0. 52.33	19.983	Apparatus Sculptoris, δ .	1423
1839	2	23. 41. 4.83	2.868	1839	10	28. 40. 27.16	19.987	6 Cassiopeiae.	1424
..	..	23. 42. (10)	...	1839	2	28. 40. 29.15	19.996	.....	1425
1840	5	23. 44. 21.56	2.683	1840	9	13. 17. 10.36	20.009	.....	1426
1839	2	23. 48. 53.70	2.977	1839	8	35. 2. 59.31	20.032	.....	1427
1839	2	23. 49. 6.55	2.979	1839	7	35. 11. 2.16	20.033	.....	1428
1838	12	23. 50. 28.80	3.074	1838	17	94. 26. 37.35	20.039	27 Piscium.	1429
1839	2	23. 50. 55.57	2.994	1839	1	35. 8. 25.67	20.040	8 Cassiopeiae, σ .	1430
1839	17	23. 51. 5.85	3.065	1840	11	84. 1. 21.72	20.040	28 Piscium, ω .	1431
..	..	23. 53. (30)	...	1841	7	48. 31. 25.19	20.047	.....	1432
1837	4	23. 53. 37.41	3.071	1838	2	93. 55. 5.26	20.047	29 Piscium.	1433
1838	7	23. 53. 45.16	3.074	1837	2	96. 54. 12.36	20.048	30 Piscium.	1434
1838	5	23. 54. 41.14	2.848	1838	9	7. 55. 3.42	20.050	.....	1435
..	..	23. 55. (30)	...	1839	1	108. 13. 36.34	20.052	2 Ceti.	1436
1836	2	23. 56. 1.81	3.024	1836	10	28. 36. 11.80	20.053	9 Cassiopeiae.	1437
1837	7	23. 57. 8.58	3.070	1836	2	96. 36. 9.57	20.054	33 Piscium.	1438
1839	5	23. 58. 10.43	+ 3.049	1839	9	26. 41. 40.44	-20.055	10 Cassiopeiae.	1439

1423. The designating letter is La Caille's.
 1428. Of about the 6. 7th magnitude.
 1435. Of the 6th or 7th magnitude.

1427. Of about the 6th magnitude.
 1430. Of about the 5. 6th magnitude.