1871phae.proj.138:R

KG
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v.377

General Catalogue
Circle Readings - Explanatory Remarks
B 3 1871-2

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Observations

Circle Readings

For 1871 – 2

General Catalogue

B2

1871 – 2

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1871phae.proj.1381R

h Piscium
1 24 36
+14 41

(3.4	1871 Dec 1	40	1	55.8	42.2			
	2	40	1	53.0	42.2			
	11	40	1	55.6	45.3			
	12	40	2	10.6	58.7			
	27	40	1	55.3	43.9	2	43.9	33.3
	28	40	1	50.0	35.0	40 2	46.1	31.1
	1872 Jan 1	40	2	6.8	54.8			
	8	40	2	42.8	26.6			
	9	40	1	57.8	42.0			
	21	40	1	52.7	24.6			

Cont Ds

B.A.C. 466
+27 14
-37 22

(8.1	Dec 1	45	4	50.1	39.2			
	2	45	4	39.2	28.2			
	12	45	4	42.4	31.5			
	27	45	4	43.1	32.9	50 0	29.8	19.3
	28	45	4	43.6	29.5	5 0	27.1	14.3
	1872 Jan 8	45	4	43.3	29.6			
	21	50	0	21.1	0.8			

R. mud profile

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1871phae.proj.1381R

b Persei = 51 Andom
1 30 04
+47 59

1871 Dec 1	25	0	45.3	26.6				δ fol
2	20	4	50.9	30.9				
~~9~~	~~20~~	~~4~~	~~50.6~~	~~31.8~~				
11	20	4	44.7	28.5				
12	20	4	57.9	38.5				Δ?
17	20	4	49.9	32.0				
27	20	4	50.1	31.7	25	0	35.7	18.6
28	25	0	12.9	45.2	25	0	37.4	15.2
1872 Jan 1	20	4	52.7	33.3				
8	20	4	58.0	35.9				
9	20	4	58.0	35.6				
21	25	0	23.3	53.4				δ fol

T Andom
1 33 00
+39 55

1871 Dec 2	~~25~~	~~2~~	~~57.3~~	~~33.6~~				R
~~9~~	~~25~~	~~2~~	~~48.8~~	~~33.7~~				
11	25	2	43.8	25.6				
12	25	2	41.8	25.7				
17	25	2	40.7	26.4	3	35.1	18.9	
28	25	2	54.2	31.9	3	35.8	15.7	
1872 Jan. 1	25	2	51.7	35.4	3	40.3	24.0	
8	25	2	56.2	36.2				
9	25	2	48.3	28.2				

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δ Piscium
1 34 44
+4 51

1871	Dec 9	30	2	21.4	9.8			
	11	30	2	30.3	20.3			
	17	30	2	23.8	12.9	3	25.3	13.4
	28	30	2	46.3	32.1			
1872	Jan. 1	30	2	5.0	50.0	30	3 30.2	17.7
	8	30	2	31.7	15.9			
	9	30	2	40.1	24.7			
	21	30	2	27.4	5.0			

o Piscium
1 38 36
+8 30

1871	Dec 01	50	2	13.8	0.7			
	6	50	2	9.2	54.1			
	11	50	2	1.8	52.1			
	17	50	2	5.2	51.3	2	2.7	50.2
	28	50	2	5.0	49.9	3	2.8	47.4
1872	Jan. 1	50	2	7.8	54.3	40	3 15.0	3.0
	8	50	2	15.6	59.0			
	9	50	2	14.8	59.2			
	21	50	2	5.3	41.8			

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B.A.C. 544
1 41 01
+37 19

1871	Dec 1	0	4	41.7	24.8					
	2	0	4	33.2	17.3					
	6	0	4	30.3	11.7					
	11	0	4	31.3	17.0					
	17	5	0	12.9	56.1					
	28	0	4	34.9	12.9	5	0	18.5	33.2	
1872	Jan 9	5	0	9.0	56.0					
	21	0	4	28.3	1.5					

χ Ceti
1 43 16
−11 19

1871	Dec 6	40	1	23.8	12.4					
	11	40	2	31.2	25.9					
	17	40	2	21.1	14.0	clouds.				
	28	40	1	25.4	14.5	2		14.2	3.3	
1872	Jan. 1	40	1	42.0	33.9	2		33.2	25.7	
	9	40	1	39.1	28.0					
	21	40	1	32.8	14.8					

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3 Orionis
1 45 07
−10 58 (3

1871 Dec	1	20	0	27.2	17.4			
	2	20	0	23.8	16.2			
	6	20	1	6.5	55.2			δ fol mid gr
	11	20	0	40.6	34.9			
	17	20	0	22.5	14.2			
	28	20	0	19.7	9.2	1	10.3	5 90
1872 Jan.	1	20	1	24.2	15.7			
	9	20	1	10.0	57.2			
	21	20	0	30.9	11.9			

β Arietis
1 47 31
+20 11

1871 Dec	1	10	2	50.2	35.2			mid gr δ fol
	2	10	2	15.1	0.3			
	6	10	2	16.3	0.9			
	11	10	2	13.7	2.1			
	17	10	2	11.9	−1.8	3	6.2	5 3.0
	28	10	2	48.9	30.2	3	19.2	2.0
1872 Jan.	1	10	2	10.0	55.7	3	9.8	56.8
	9	10	2	16.8	1.5			
	21	10	2	11.2	46.1			
	30	10	2	47.7	19.2			
Feb	1	10	2	59.3	30.3			

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λ Arietis
1 50 44
+22 58

1871	Dec	25	0	−1.3	−19.8			
	2	25	0	−2.7	−18.5			
	6	20	4	57.5	38.8			
	11	20	4	51.8	38.0			
	17	20	4	48.4	32.6			
	28	25	0	58.0	39.2	0	43.0	23.0
1872	Jan. 1	25	0	13.7	57.0	1	0.8	44.9
	24	25	0	4.8	38.9			
	30	25	0	34.4	2.8			
	Feb 1	25	0	35.4	5.1			

60 Cass
1 52 20
+71 48

1871	Dec 1	35	1	42.8	20.2			
	6	35	1	42.3	17.9			
	11	35	1	18.1	59.0			
	17	35	1	4.8	43.8	1	42.8	21.5
1872	Jan 9.	35	1	20.5	59.2			
	21	35	0	58.8	27.0			
	24	35	1	44.0	8.3			

δ Fol Inds

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γ Lyrae	1871	Dec 2	0	3	31.7	23.9				
1 58 57		28	0	3	32.1	17.9	0	4	18.7	7.5
−21 42	(4.5									
	1872	Jan 30	0	4	8.2	40.2				
		Feb 1	0	4	9.7	46.2				
		7	0	4	6.5	47.0				

γ Androm	1871	Dec 1	40	0	40.6	22.8				
1 56 00		2	40	1	30.7	14.7				
+41 43		6	40	0	34.7	16.3				
		11	40	0	38.0	24.2				
		17	40	0	42.5	26.5	1	30.6	15.9	
		28	40	0	41.2	22.3	1	25.2	6.6	
	1872	Jan. 1	40	0	31.9	16.7	1	39.2	23.0	
		9	40	0	43.2	24.3				
		21	40	0	37.1	11.0				
		30	40	0	58.0	27.0				
		Feb. 7	40	1	9.7	42.2				

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a Arietis 1871 Dec 1 30 1 50.7 33.3
1 59 5.3
+22 51

Dec	2	30	1	52.2	35.2			
	6	30	1	49.3	28.0			
	28	30	1	44.3	23.2	2	35.4	15.5
1872 Jan.	1	30	1	50.0	29.8	2	44.0	26.4
	9	30	1	49.3	30.6			
	21	30	1	47.8	19.0			
	31	30	2	32.0	1.0			

a Persei 1871 Dec 11 A. R. only. D 8
2 0 59
115 00 1872 8.4

Jan 24	25	1	44.3	3.8	
30	25	0	52.2	5.7	
Feb 1	25	0	48.0	10.7	

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1871phae.proj.1381R

β Trianguli ✓ 1871 Dec 11 0 1 22,5 8.2 ~~0 0~~

2 1 5-1

+34 23 (4 ✱

17	0	0	41.2	24.8	1	25.0	9.1
28	0	0	32.9	17.7	1	24.0	4.7
1872 Jan. 1	0	0	34.6	16.3	0 1	33.7	16.0
9	0	0	32.6	13.1			
31	0	1	68	36.8			
Feb. 7	0	0	53.0	25.0			
15	0	1	68	38.1			

56 Cassiopeiae 1871 Dec 11 25 3 52.6 39.6

2 4 23 ✓

+65 55.

28	25	3	43.8	16.9				
1872 Jan. 1	25	3	43.0	17.6	25	3	5 30	26.9
14	25	4	14.3	50.8				
21	25	3	27.2	55.8				

mdgr 5 fol

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b Persei (8) 1871 Dec 17 55 0 31.0 11.8 1 19.2 −0.6
2 5 02 ✓ 1872
+50 28 1872 Jan 9 55 0 28.3 6.6
30 55 1 22.1 26.6
31 55 1 0.0 24.1
Feb. 1 55 1 1.5 28.2
7 55 1 1.2 29.7

ζ Trianguli (11) Dec 1 5 3 6.9 51.1
2 9 39 ✓
+33 14 9 5 4 58.3 42.5
12 5 4 55.5 44.1
1872 Jan 9 5 3 25.0 7.6
14 5 3 9.8 51.7
Jan 30 AR only,
Feb 7 5 3 19.2 5 30
15 5 3 45.8 19.1

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67 Cetí	1871 Dec	11	20	3	13,2	6.1		
2 10 33		17	20	3	18,9	9,9	4	14,0 5.1
−7 01	1872 Jan	2	20	3	18.7	58.8		
		31	20	3	5-2,1	27.2		
	Feb	1	20	3	5-3,5	29.7		

o Cetí	1871 Dec	19	5-5	1	12.2	2.4		
2 12 51		9	55	1	54,7	44,8		
−3 3 4								

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B.A. 6/27 2.
~~+40 49~~
~~1 14 48~~ ?

ψ Cass
P 16 50
+67 27

c Cass 1871	Dec.	1	30	4	31.6	8.3		
2 18 28		9	30	4	37.4	14.9		
+66 49		11	30	4	45.9	25.5		
		12	30	4	26.0	5.3	0 16.2	5 50
		28	30	4	39.6	12.7	35 0 14.0	47.9
		29	30	4	28.3	5.9		
	1872 Jan.	1	30	4	50.2	26.3	35 0 9.7	47.7
		6	35	0	10.8	53.3	dfol	
		9	35	0	2.5 sure	38.6	bad ☆	
		14	30	4	20.7	57.0		
		21	30	4	15 16	44.3		

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ξ^2 Cri
2 21 18
+7 5 2

1871 Dec	1	25	4	49.4	35.8			
	9	25	4	45.1	32.9			
	11	25	4	43.0	32.8			
	17	25	4	42.2	29.0	0	42.3	30.2
	29	25	4	44.7	29.3			
1872 Jan.	1	25	4	45.6	33.3	30	0 5 2.4	38.0
	5	30	0	25.7	10.0	δ fol		
	6	30	0	32.0	22.3	δ fol		
	21	25	4	48.1	24.8			

29 Aiieli
2 23 46
+17 07

1871 Dec	1	10	4	56.9	46.0			
(6.	9	10	4	54.4	42.4			
	11	10	4	50.5	40.4			
	17	10	4	57.8	45.3			
	28	15	0	30.0	13.2			
	29	10	4	51.9	37.3			
1872 Jan	5	15	0	34.3	26.2	δ fol		
	6	10	4	50.3	40.3			
	21	10	4	45.0	24.9			

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o Cel
2 26 00
−15 48

1871	Dec	1	10	1	65.3	6.1
		5	10	0	39.2	29.7
		17	10	1	07.4	51.6
		28	10	0	31.1	18.7
		29	10	0	33.8	23.6
1872	Jan	5	10	1	23.0	16.0
		24	10	1	20.7	58.5

5 fol not
a very good ob.

5 fol

5 Ins Mic Lb.
2 28 00
100 43 (45

1871	Dec	2	40	1	47.6	24.0
		11	40	1	46.0	24.1
		18	40	1	43.9	24.0
		28	40	1	25.6	58.2
1872	Jan.	1	40	1	1.3	56.3
		21	40	1	53.5	23.6
		24	40	1	28.2	57.1
	Feb.	7	40	0	56.8	20.5

mdy2

40 1 25.0 2.6

48 1 20.9 58.0

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δ Arietis
2 31 29
+21 24

1871	Dec 9	55	3	41.8	25.4				
	17	55	3	44.9	29.5				
	18	55	3	52.0	39.0				
	28	55	3	40.6	20.4	4	36.3	16.1	
	29	55	3	45.3	28.3				
1872	Jan. 1	55	3	42.2	26.8	55	4	45.2	25.5
	5	55	3	46.3	31.2				
	6	55	3	46.1	33.3				
	14	55	3	43.2	24.8				

S Eridani
2 32 51
−0 14

1871	Dec 9	35	2	58.4	48.8				
(4	17	35	1	18.8	8.8	2	5.0	−1.2	
	18	35	1	20.4	11.0	35	02	56.2	
	28	35	1	54.7	40.0				
1872	Jan 24	35	1	15.6	5.6				
	26.7	35	1	44.1	21.1				

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δ Persei
2 35 24
+48 41

1871	Dec	1	40	3	16.6	54.8			5 fol mid gr
		9	40	2	30.9	11.3			Ch. ?
		17	40	2	23.0	0.9			
		18	40	2	31.9	15.8	40	3	16.3	59.9
1872	Jan	5	40	2	23.0	5.0			
		6	40	2	~~27~~.0	11.2			
		14	40	2	29.0	7.2			
		~~27~~	40	2	48.5	14.5			

g Leti
2 36 37
+2 41

1871	Dec	17	40	1	2.2	48.8	1	58.5	44.9
		28	40	1	58.6	40.3			
		29	40	1	3.9	48.9			
1872	Jan	1	40	1	20.1	6.8			
		24	40	1	4.8	37.5			
		Feb 7	40	1	47.8	23.6			

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ι Eridani	1871	Dec 17	25	3	46.0	39.0	4	40.2	32.4
2 39 04		18	25	4	8.7	1.4			
−19 08 4.5		28	25	3	45.9	32.4	4	41.1	29.0
		29	25	3	46.7	36.2			
	1872	Jan 5	25	3	49.3	41.7			
		6	25	3	46.1	39.9			
		14	25	3	43.5	32.2			
		24	25	3	58.0	36.7			

G. 41 Arietis	1871	Dec 17	35	4	16.1	1.3	4	0	15.1	−0.7
2 42 21		18	35	4	10.8	57.3	40	0	2.0	46.9
+26 43		28	35	4	21.1	2.3	40	0	11.2	50.3
		29	35	4	21.8	5.7				
	1872	Jan 1	35	4	19.0	2.9	40	0	11.6	55.4
		5	35	4	20.5	6.0				
		6	35	4	22.6	9.3				
		14	35	4	21.9	4.0				
		24	35	4	24.6	55.0				
		Feb. 14	35	4	2.1	38.2				

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G. T Persei (1) Dec 9 5 4 28.1 9.9 Few Zero.
2 45 03
+52 14
17 5 4 30.3 18.1 10 0 21.8 4.3
18 5 4 20.2 3.7 10 0 12.8 5.9
28 5 4 22.9 0.1 10 0 19.7 — 3.2
29 ~~10 — 0~~ 10 0 19.5 0.0
1872 Jan. 1 5 4 26.2 8.1 10 0 16.2 0.2
5 5 4 28.1 10.3
6 5 4 21.8 5.2
10 5 4 46.1 28.7
14 5 4 24.1 1.0
~~1 Jan 12 4 0 1.8 4.6.5~~
~~24 5 4 29.5 5.8.2~~

47 Cephei (1) Dec 9 25 40.6 21.3
2 48 38
+78 54
17 ~~30 0 34.0 10.8~~ faint - 200 S
18 25 4 42.3 21.3 30 0 20.6 5.8
1872 Jan 5 25 4 37.2 14.2
6 25 4 36.1 15.0
10 25 4 35.0 13.2
13 25 4 32.9 12.4
15 25 4 36.0 30.2 Indigo
Feb 4 30 0 5.1 27.2

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β Mus Mic Lb

2 57 15
105 18

1871 Dec	18	5	1	19.5	55.7	A 1 3 6 / 2 22
	29	5	1	59.4	33.8	
1872 Jan	1	5	2	2.0	38.0	5 1 25.6 1.3
	10	5	1	12.6	48.7	Lost 5 mins
	23	5	1	40.7	9.9	
	24	5	1	12.8	33.9	
Feb	14	5	0	45.0	11.6	
	22	5	1	15.4	37.2	

α Boli

2 55 32
+3 35

1871 Dec	9	45	2	31.3	[illegible]	
	15	45	2	41.0	30.4	45 3 23.8 12.1
	29	45	2	34.6	19.2	
1872 Jan	1	45	2	36.2	23.2	
	5	45	2	38.0	26.2	
	6	45	2	33.8	22.7	
	10	45	2	40.3	29.1	
	23	45	2	39.6	15.2	
Feb	4	45	3	13.4	46.1	
Feb	14	45	2	57.0	33.4	
	22	45	2	39.6	15.9	

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Q Persei
2 56 55
+38 20

1871 Dec 9 0 2 1,7 44.9
~~55 0 47.~~

1872 Jan. 1 0 2 56.5 ~~35.6~~ 0 3 45,6 29.8
10 0 3 25.6 11.1 b-c
13 0 2 45.9 32.2
~~15 0 2 57.8 36.2~~
23 0 2 5 9.5 31.5
24 0 2 5 1,8 21.9
Feb 12 0 3 26,1 -0.7
14 0 3 28,4 3.3

β Persei
2 59 44
+40 24

1871 Dec 1 ~~53~~ 0 00.9 32.2
9 55 0 43,9 28.7
18 55 0 47.3 31.5 35.7 20.8
29 55 0 47.0 30.2

1872 Jan. 1 55 0 47,7 31.0 55 1 39.5 24.2
5 55 0 45.2 30.7
6 55 0 45.3 31.0
10 55 0 45,8 31.6
13 55 0 44.2 30.0
~~15 55 0 57.0 30.9~~
Jan 12 55 0 39,2 26,9
23 55 0 48 2.1
~~Feb 4 55 1 24.0 55.8~~

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1871phae.proj.13811R

48 Cephei
3 3 50
+77 15

1871 Dec 2	5	3	~~40.0~~	~~12.5~~				
18	5	3	32.6	10.2	5	4	19.9	57.0
24	5	3	32.2	7.6				
1872 Jan. 1	5	3	35.6	12.9	5	4	5.6	42.2
5	5	3	29.5	7.4				
6	5	3	26.2	5.9				
10	5	3	37	13.0				
13	5	3	28.1	8.0				
~~15~~	~~5~~	~~3~~	~~30.3~~	~~5.2~~				
Feb 4	5	3	34.8	23.3				

S Arietis
3 4 13
+19 14

~~Dec 2~~	~~35~~	2		
1872 Jan 23	5	3	37.0	13.1
24	5	3	38.7	12.2
Feb 1	5	4	17.3	50.6
14	5	4	10.0	47.0

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1871phae.proj.13811

2 Eridani
~~B.A.G. 997~~ 1871 ~~Dec 8~~ 30 1 41.1 53.1 B ∨ C (?)
3 6 28
−29 30 1872 Jan 24 50 0 18.7 −5.7
8.4 Feb 1 AR only.
14 50 0 47.6 26.3

3 Eridani 1871 ~~Dec 18~~ 35 2 49.0 41.2 A, R.?
3 9 34 ~~27~~ 40 1 2.6 52.5 D ∨ C
−9 19 29 35 2 4.4 53.1
1872 Jan 5 40 0 9.7 2.3
6 40 0 18.2 11.0 dust 1st ∨
13 40 0 10.7 3.5
15 40 0 42.2 30.8 Stol mid
24 40 0 13.9 50.4

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1871phae.proj.138#R

κ, Beli
3 12 34
+2 5-3

1871	Dec. 18	25	3	52.0	40.4	25	4	35.4	24.2
	27	25	3	41.3	26.3	4	34	48	21.2
	29	25	3	46.1	33.1				
1872	Jan 5	25	3	47.2	35.3				
	6	25	3	47.3	36.1				
	13	25	3	47.4	38.3				
	15	25	3	52.1	37.0				
	24	25	3	50.1	23.7				
	30	25	4	14.1	47.0				
	Feb. 1	25	4	29.8	3.1				
	4	25	4	25.3	58.0				

α Persei
3 15 0 18?
+49 23?

1871	Dec 18	55	4	24.1	6.0	0	0	6.4	56.4
	27	55	4	31.0	10.5	0	0	15.2	55.3
	29	55	4	32.1	10.0				
1872	Jan 1	55	4	23.7	3.7	0	0	12.9	53.1
	5	0	0	3.3	45.2	8 fol mid 8h			
	13	55	4	21.2	4.2				
	15	55	4	30.8	7.7				
	24	55	4	41.3	7.8				
	30	55	4	40.8	5.3				
	Feb. 1	55	4	53.8	2.2.0				
	4	0	0	−1.3	23.0				
	14	55	4	58.3	28.1				

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1871phae.proj.138:R

o Tauri
3 17 53
+8 34

1871	Dec	18	45	3	19.3	8.2		45	3	59.0 46.8
		27	45	3	20.1	1.9		45	4	6.8 52.2
		24	45	3	13.0	55.9				
1872	Jan	5	45	3	18.2	7.3				
		6	45	3	17.0	6.4				
		15	45	3	16.9	2.2				
		24	45	3	19.3	52.1				
		30	45	3	32.2	34.5				
	Feb.	1	45	3	32.0	24.9				
		4 6.4	45	3	54.2	26.2				
		14	45	3	55.6	31.3				

ε Tauri
3 20 08
+9 16

1871	Dec	18	5	0	42.0	30.0		5	1	40.4 27.4
		27	5	0	44.9	31.0		5	1	35.6 22.2
		24	5	0	48.3	34.4				
1872	Jan	6	5	0	46.3	35.8				
		13	5	1	36.3	26.7				
		15	5	0	51.1	35.4				
	Feb	4	5	1	28.3	59.4				
		14								

mod gr & fol

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1871phae.proj.13811R

γ_2 Ius Mui 4h 1872
3 21 06
10 42

1872 Jan	1	40	2	8,3	43,4	B ~ C
	24	40	3	11,3	31,2	Lod C_2 (B_2 A_2)
	30	40	3	23,6	41,2	Nyz. l Cy
Feb	14	40	2	41,8	5,7	
	22	40	2	38,6	2,1	

f Tauri
3 23 47
+12 30
12 30

1871 Dec	27	55	0	50,6	38,0
1872 Jan	6	50	3	11,3	0,1
	13	50	3	7,7	58,0
	15	50	3	13,1	58,4
	23	50	3	9,6	46,2
	24	50	3	17,6	51,4
	4	50	3	46,8	20,0
	14	50	3	45,5	23,6

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1871phae.proj.138:R

ε Eridani
3 26 58 −9 53

1871	Dec 27	15	0	54.2	44.8	15	141.8	32.1
	29	15	0	48.6	38.2			
1872	Jan 5	15	0	52.7	41.8			
	6	15	0	56.2	46.4			
	13	15	1	67.3	49.3			
	24	15	1	1,0	36,9			
	30	15	1	24,1	58,4			
	Feb 14	15	1	34,3	14,9			

γ16 Gr.
3 30 46
+62 4

1871	Dec 27	35	1	1.2	38.0	35	142,3	20,9
	29	35	1	0.7	38,8			
1872	Jan 1	35	1	17,1	56,6			
	5	35	0	49.0	29.8			
	6	35	0	55.5	35.2			
	13	35	0	57.3	33.0			
	15	35	0	56.2	33.6			
	24	35	0	50.6	15-2			
	Feb 14	35	1	9,0	37,6	0	34,7	2,2

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ζ Persei	1871	Dec 27	0	0	57.7	35.5	0	1	45.7 26.0
3 33 46	1872	Jan. 1	0	1	0.6	41.4			
+44 22		5	0	0	54.1	41.0			
		6	0	1	17.8	0.2			
		13	0	1	2.2	44.8			
		15	0	1	8.5	46.1			
		30	0	1	28.4	54.3			
		Feb. 1	0	1	17.9	45.4	Reg. ✓		
		4	0	1	34.3	0.9			
ζ Eridani									
3 37 10	1872	Jan 5	30	4	17.5	9.7			
−10 12		13	30	4	11.8	5.2			
		15	30	4	11.7	57.2			
		30	30	4	8.3	45.0	ζ Eri (rej ✓)		
		Feb 1	30	4	38.4	14.5			
		4	30	4	51.0	28.0	Very red around Rutherfurd and around Nova		
		22	30	4	37.9	6.6			

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1871phae.proj.1381R

ρ Tauri 1872
3 39 50
+23 43

Jun	5	40	0	43.4	28.4
	6	40	0	43.2	28.1
	8	40	1	31.0	11.1
	13	40	0	42.8	28.3
	15	40	0	44.8	26.0
Feb.	1	40	1	21.0	50.1
	4	40	1	18.3	49.8
	22	40	0	57.4	29.0

Cont - 4 Vars

τ Eridani 1872
3 42 12
−24 16

Jun	5	35	3	20.0	11.3
	6	35	2	46.2	39.6
	8	35	2	54.9	41.3
	13	35	3	0.8	52.9
	30	35	3	16.0	51.4

Small gr d for bad seeing

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1871phae.proj.1381R

B.A.C. 1199 1872 Jan 8 15 4 58 52.1 2nd ✓
3 48 56 30 15 4 58 41.7
−38 00 Feb. 1 10 4 198 54.5 2nd ✓ 1st

9 Camel 76 1872 Jan 8 35 4 58.0 33.0
3 45 58 13 35 4 61.3 32.8
+6 B 44 40 0 1 3 32.8
60 43 15 40 0 2.2 38.3
30 40 0 10.9 4 37.7
Feb. 1 40 0 25.5 57.0
22 40 0 5.2 −25.7

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1871phae.proj.1381R

ζ Persei 1872

3 46 02
+31 30

Jan 6	50	3	132	58.0
~~Feb 4~~	50	3	48.2	58.9

ζ Aurigae 1872

3 48 50
101 48

Jan 5	35	2	6.2	42.2	
15					four wires bad yest
30	35	1	41.5	3.8	
Feb 1	35	1	32.4	54.0	
18	35	1	33.8	59.3	Sfol wedge
22	35	1	20.8	42.3	

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1871phae.proj.138:R

ε Persei
3 49 12
+39 39

1872 Jan 6 45 0 12.3 57.9
8 45 0 48.1 26.3
13 45 0 12.7 58.0
Feb 4 45 0 46.0 15.2

δ Eridani
3 52 04
−13 52

1872 Dec 22 10 4 38.0 25.2
1873 Jan 6 15 0 30.1 23.2 d. fol
~~6~~ 10 4 40.8 25.2
13 10 4 33.2 27.8
15 10 4 32.8 21.7
~~Feb 4 15 0 47.3 4.9~~
22 10 4 49.9 28.3 4 6.2 43.2
26 10 4 44.8 26.1

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1871phae.proj.1381R

λ Tauri 1871
3 53 35
+12 08 1872

Dec 27	15	1	10.5	56.9			
Jan 5	15	0	17.8	6.8			
Jan 8	15	1	4.1	48.0			
12	15	0	26.0	15.2			
Feb. 1	15	0	57.9	30.0			
4	15	0	57.3	31.9			
18	15	0	56.9	33.8			
22	15	0	39.2	13.7	0	52.3	26.9

λ Persei 1871
3 56 57
+50 00 1872

Dec 27	20	8	34.1	13.4			
Jan 5	20	3	31.4	13.0			
8	20	3	34.0	10.2			
13	20	3	26.2	8.8			
15	20	3	33.8	11.8			
Feb. 1	20	4	6.0	31.6			
4	20	4	4.6	30.5			
18	20	4	5.1	34.8			
22	20	3	47.1	13.0	3	5.5	31.9

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1871phae.proj.138:1R

~~ν Pauri~~ 1871
~~3 59 13~~
~~+28 40~~
ζ Persei
3 59 28
+47 22

Dec 27	0	1	29,8	10.1			
1872 Jan 5	0	2	14.3	57.0			
8	0	2	5,2	42.1			
13	0	1	28.7	12.2			
15	0	2	21.4	59.4	δ fal		
Jan 12	0	1	27.1	9.3			
30	0	2	3,5	27.2	0	114,6	39.3
31	0	1	58.0	24.0	Ch. ok.		
Feb 4	0	2	0.0	25.3			
18	0	1	59.3	30.0			

B.A.C. 1272
4 0 37
+19 00

1872 Jan 30	20	3	10.5	42.6	2	57.7	22.7
Feb. 1	20	3	56.8	29.0			
22	20	3	33.5	8.7	2	52.6	28.8
~~26~~							

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1871phae.proj.1381R

p Tauri 1871
4 30 00 1872
+26 09

Dec	27	10	4	28.2	12.0				
Jan	5	10	4	32.7	17.4				
	13	10	4	37.2	22.8				
	15	10	4	35.9	17.1				
	30	15	0	7.8	4 35.2	10	4	18.9	47.3
	31	15	0	8.8	-21.6				
Feb	18	15	0	7.2	39.9				
	22	10	4	48.9	21.0	4	5.0	34.9	

Didami

o, Tauri 1871
4 5 34 1872
-7 11

Dec	27	30	2	46.6	35.2				
Jan	5	30		2 47.3	37.9				
	13		reject very faint						
	15	30	2	52.4	37.1				
	30	30	3	24.0	58.0	30	2	30.9	4.8
	31	30	3	22.3	58.0				
Feb	4	30	3	26.9	2.8				
	18	30	3	25.1	5.3				
	22	30	3	4.2	42.0		2	19.3	57.9

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1871phae.proj.138:1R

o² Eridani
4 9 24
−7 50

1871	Dec 27	10	4	17.1	6.3			
1872	Jan 5	10	3	38.7	30.6			
	8	10	3	39.6	25.1			
	15	10	3	35.2	22.4			
	30	10	4	12.0	46.1	3	21.0	55.0
	Feb 4	10	4	10.0	46.0			
	18	10	4	15.3	53.9	Def 1 min last yr		
	22	10	4	0.3	37.3	2	59.0	36.2

ϑ Pauri
4 12 30
+15 19

1871	Dec 27	0	3	57.2	43.7			
1872	Jan 5	0	4	00	48.0			
	8	A. R. only.						
	15	0	3	59.6	43.2			
	Jan 12	0	3	58.2	47.9			
	31	0	4	54.5	17.3	0	3	46.7
		0	4	39.2	13.0			
	Feb 4							
	18	0	4	42.2	19.0			
	22	0	4	26.2	1.7	0	3	32.1

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1871phae.proj.13815

S Tauri 1871 4 15 31 +17 14 1872	Dec 27	5	3	41.6		S 2s too late
	Jan 8	5	3	57.0	57.2	Comp - N,
	15	5	3	37.7	23.4	
	Jan 12	5	3	40.3	29.7	
	30	5	4	15.8	47.9	3 20.1 50.4
	31	5	3	36.7	9.3	
	Feb 4	5	4	17.1	48.9	
	18	5	4	19.2	55.5	
	22	5	4	0.3	34.8	3 22.0 56.0

S Tauri 1871 4 16 42 +17 09 1872	Dec 27	10	4	19.8	6.9	
	Jan 8	10	4	20.8	4.1	
	15	15	0	5.3	49.0	mid gr of fol
	30	10	4	50.8	22.8	10 3 54.5 26.2
	31	10	4	52.1	24.9	
	Feb 4	10	4	18.3	51.2	S fol mid gr
	18	10	4	10.3	48.2	S fol
	22	10	4	42.7	16.3	3 50.8 25.3

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1871phae.proj.1381R

λ_5 Eridani (1871)

4 19 16
−34 19

Jan 8	35	8	37.8	22.4			
10	35	4	14.4	5.5			
30	35	3	48.8	23.2	2	1.1	35.0
Feb 4	35	4	0.3	35.0			
18	35	3	22.1	2.2	5 fol	ind	
22	35	3	32.8	10.7	2	49.1	26.4
24	35	3	55.3	35.3			

ε Tauri (1872)

4 21 07
+18 54

Jan 8	30	0	16.7	5.7			
15	25	4	27.8	13.1			
Jan 12	25	4	22.3	12.4			
Feb 4	30	0	−0.7	30.1			
12	25	4	56.5	34.4			
18	25	4	24.7	2.4	4 fol	ind	
22	25	4	45.0	18.8	3	48.9	23.1

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1871phae.proj.13813

? fal.
1 Camel of 1872 Jan 8 45 1 1,7 38,2 1
4 21 50 30 45 1 27,7 51,8 0 35,5 4,5
+53 38 3/ 45 1 57,3 23,0 Both
Feb. 1 45 1 22,2 48,2
24 45 1 6,3 38,9 both
26 45 0 55,3 22,0 fol. costa foveolata
28 45 1 3-8,5 20,7

80 Pavo 1872 Jan 10 0 1 55,6 47,2
4 22 50 30 0 1 35,6 6,4 105.1 35.9
+15 22 Feb 12 0 2 10,3 49,4
22 0 1 58,8 31,8 1 13.5 47.2
26 0 1 50,9 24,8
28 0 1 45,0 22,7

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1871phae.proj.138IR

85 Tauri 1872
4 24 31
+15 35

Sand	45	3	35.7	24.0		
15	45	3	30.8	14.4		
30	45	3	41.8	13.7	2 55.3	5 5.8
Feb. 1	45	4	4.1	36.0		
4	45	4	8.2	41.8		
12	45	4	15.8	55.0		
18	45	4	10.7	—		
22	45	3	55.0	27.1	2 59.1	33.2
24	45	3	52.0	30.0		

Q Tauri 1872
4 26 32
+14 35

Jan 10	45	4	16.7	4.4		
15	45	3	43.5	27.8		
30	45	4	5.3	36.8	323.1	5 5.4
Feb. 1	45	4	18.0	57.7		
4	45	3	21.8	56.7		
12	45	4	15.8	55.1		
18	45	4	15.4	52.0		
22	45	4	45.9	29.7	2 58.4	32.9

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1871phae.proj.1381R

15 Draco 1872
4 28 00
110 57

Jan 30	25	8	48.3	5.8	4	4.4	22.1	
Feb. 15	25	8	41.7	2.5				
24	25	2	47.9	18.7	3	23.7	5.30	ave
26	25	3	39.6	59.6				

a Tauri 1872
4 28 33
+16 16

Jan 10	5	2	58.6	45.6				
15	5	3	6.2	50.2				
Feb. 1	5	3	31.8	4.4				
4	5	3	34.9	9.2				
12	5	3	45.0	23.6				
18	5	3	33.9	12.8				
22	5	3	19.8	54.7	2	35.0	9.2	
28	5	3	23.3	57.9				

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1871phae.proj.138IR

δ Eridani 1871 January
4 29 53
−3 37

January	0	0	6,7	−0,3	
January	0	0	2,2	36.0	55 4 12,2 46.0
Feb. 12	55	4	22,8	3,8	b e
15	55	4	28,7	6,8	
24	55	4	8,1	49,7	b c d e
26	55	4	45,3	23,7	rej C_2
28	55	4	24,1	1,3	

Eridani
5-3 January 1871
4 32 20
−14 33

January	55	0	23,4	15,7	
30	55	1	2,0	37,3	0 0 4,1 −21,4
Feb. 1	55	1	2,7	37,3	
12	55	0	5,2	47,3	
24	55	0	43,3	25,5	
26	55	0	42,0	21,0	
28	55	0	37,0	15,7	

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ζ Tauri	1872	Jan 10	40	0	84,7	18.2		
4 34 31		Jan 30	40	1	13,5	39.8	0	20.1 −13.2
+22 43		Feb. 12	40	1	15.8	51.3		
		14	40	1	14,0	46.3		
		24	40	0	52.0	27.1		
		26	40	0	51,1	23.7		
		28	40	0	51.9	21.3		
4 Camel	1872	Jan 10	50	2	8,8	50.2		
4 38 46		12	50	2	17.2	48.8		
+56 32		30	50	2	39,3	2.6	1 49,2	13,5
		Feb. 12	52	2	32,6	6,3	2 17,4	50,8
		14	50	2	39,6	8.3		
		24	50	2	15,1	49.0		
		26	50	2	20,5	4.8		
		28	50	2	8.4	35,0		

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μ Eridani	1872	Jan 10	50	2	52.2	4.0		
4 39 06		30	50	2	31.3	4.7	1429	16.7
−3 29		Feb. 12	50	2	28.8	10.3		
		14	50	2	22.0	0.2		
		24	50	2	15.5	56.9		
		26	50	2	5.0	41.8		
		28	50	2	24.3	1.1		

α Camelop	1872	Jan 10	Circle not read					
4 41 12		12	15	1	36.2	16.5		
+66 07		30	15	1	55.7	16.6	1220	48.7
		Feb. 12	15	2	5.7	35.3		
		14	15	2	15.6	40.6		
		24	15	1	45.1	17.6		
			~~5~~	~~3~~	~~4~~			
		26	15	1	46.8	11.7		

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π Orionis 1872	Jan 30	35	4	12,0	45,5	1,3	22,6	54,4
4 42 58	Feb. 12	35	8	43,0	23,2			
+6 48	15	35	4	6,8	43,0			
	22	35	4	3,0	34,6			
	24	35	3	58,6	19,6			
	28	35	3	22,0	57,2			

ζ Orionis 1872	Jan 30	20	1	27,2	58,2	0	25,7	-20
4 95 16	Feb. 15	20	1	36,4	12,0			
+14 03	22	20	1	5,8	43,0			
	24	20	1	5,4	50,8			
	26	20	1	11,0	46,3			

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ι Aurigae ✓ 1872

448 36

+32 58

Jan 10	25	0	39.9	25.6				
12	25	0	37.0	22.4				
30	25	1	16.2	43.3	0	28.4	−2.9	
Feb. 22	25	0	25.1	55.7				
24	25	0	56.1	33.1				
26	25	0	53.0	24.8				
28	25	0	57.9	29.3				

10 Camel ✓ 1872

4 51 57

+60 15

Jan 10	5	3	38.2	20.0			
12	5	3	46.3	21.8			
30	5	4	22.7	45.3	3	18.1	42.0
Feb. 26	5	3	~~[illegible]~~	~~[illegible]~~			
28	5	3	36.1	40			
			38.8	59.8			

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1871phae.proj.13812

ε Aurigae 1872 Jan 10 45 1 2,8 11,0 B & C
4 52 39
+43 37

Feb. 22	45	0	53,1	20,6	
24	45	0	49,4	25,2	
28	45	0	32,1	1,2	

ζ Aurigae 1872 Jan 30 30 0 18,4 45,4
4 53 27
+40 53

Feb. 15	30	0	31,5	22	
22	30	0	0,2	-32,8	a = 5,2 too large
24	30	0	6,1	-17,0	Cont a
26	30	0	29,7	-0,3	

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ε Tauri 1872 Jan 10 55 4 35,0 19,1

4 55 26
+21 24

30 55 4 24,4 52,6 2 25,1 52,5

Feb 7 55 3 48,9 18,9

8 55 4 19,2 49,6

26 55 3 18,9 51,8 Not very Nice

28 55 3 18,9 50,0 Nice Obs

ε Orionis 1872 Jan 10 35 4 41,6 05,8

4 59 16
-1 45

12 40 0 16.0 54.0

30 35 4 25,6 45,8 40 04,8 23,7

Feb. 7 35 4 19,2 43,2

8 35 4 46,4 10,5 Cont d

22 35 4 1,2 21,8

26 35 4 00 23,3

28 35 4 04 23,0

Mar 11 35 4 16,0 44,8

19 New Camel
5 1 24
+79 04

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1871phae.proj.1381R

λ Eridani

δ −03 00
−8 56

Jan 10	15	2	31.6	23.8				
30	15	3	3.3	38.9	2	12.6	4	12.6
Feb. 7	15	2	45.0	22.8				
22	15	2	54.1	29.3				
26	15	2	53.7	29.3				

μ Aurigae

δ +4 26
+38 20

Jan 10	0	3	39.8	24.0				
12	0	3	36.3	21.2				
30	0	4	11.8	39.2	2	21.0	4	8.8
Feb. 7	0	4	11.9	42.1				
8	0	4	8.9	38.8				
26	0	3	19.8	49.9				
Mar 11	0	3	49.8	23.4				

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1871phae.proj.138R

α Aurigae 1872

5 7 10
+45 52

Jan 10	30	2	11.1	55.0		
12	30	1	~~37.6~~	~~52.0~~		
30	30	2	12.5	37.7	1	29.6 55.0
Feb 7	30	1	5 2.6	21.0		
8	30	2	8.0	37.0		
~~17~~	30	2	18.2	45.8		
26	30	1	38.0	5.0		
27	30	1	41.1	10.3		
Mar. 3	30	1	7.0	37.0		
11	30	1	28.8	55.0		

c ~ e

β Orionis 1872

5 8 24
−8 21

Jan 10	40	3	27.2	19.0			
30	40	3	54.8	29.0	3	6.4	40.8
Feb 7	40	3	5 2.7	3.0			
8	40	3	41.7	20.1			
26	40	3	46.0	23.0			
27	40	3	6.5	44.7			
Mar. 11	40	3	45.6	26.8			

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1871phae.proj.1381R

τ Orionis	1872	Jan 30	20	2	1.7	35.2	1	10.6	44.1
5 11 24		Feb 7	20	1	5.7	36.6			
−6 8 9		Feb 15	20	2	12.1	49.7			
		22	20	1	46.0	21.8			
		26	20	1	5.3	27.6			
		27	20	1	5.9	28.9			
		Mar 11	20	1	5.1	31.9			
λ Leporis	1872	Jan 30	45	4	34.6	11.1	3.5	3.0	28.0
5 12 40 4		Feb 7	45	4	35.2	14.2			
−12 27		15	45	4	4.6	43.8			
		22	45	4	21.2	58.4			
		26	45	4	26.1	4.7			
		Mar 3	45	4	22.2	3.2			

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1871phae.proj.138:R

m Orionis 1872	Jan 30	55	3	6.9	38.2	2	16.0	47.3
5 16 05	Feb 7	55	3	4.5	39.1			
+3 25	15	55	3	22.4	57.2			
	18	55	1	46.3	23.2			
	26	55	2	54.2	28.0			
	27	55	2	56.3	31.2			
	March	55	2	54.4	27.4			

β Tauri 1872	Jan 30	50	4	2.3	28.1	3	17.5	43.3
5 18 10	Feb 7	52	4	8.4	33.2			
+28 30	8	50	4	4.4	34.0			
	15	50	3	53.8	24.0			
	18	50	4	4.9	37.8			
	26	50	3	49.2	15.6			
	27	50	3	45.3	14.9			
	March	50	3	40.1	15.3			

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1871phae.proj.1381R

ψ_2 Aurigae
5 20 05
+2 59

1872	Jan 30	20	4	22,3	53,7	3	19,2	49,9
	7	20	4	14,0	48,1			
	8	20	4	15,3	55,3			
	26	20	4	1,7	34,7			
	27	20	4	7,2	41,9			
	Mar 3	20	8	44,8	18,8			
	11	20	3	50,7	28,0			

ζ_1 96
5 22 30
+74 57

1872	Jan 30	25	2	19,6	40,8	1	53,8	15,2
	Feb. 5	25	2	9,6	36,2			
	7	25	2	21,2	45,7			
	6	25	2	18,1	44,0			
	18	25	2	16,8	46,1			
	~~27~~	~~25~~	~~2~~	~~17,6~~	~~46,0~~			
	26	25	1	48,3	13,0			
	27	25	2	2,7	25,6			
	Mar 3	25	1	56,3	24,0			
	11	25	1	45,1	15,0			

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1871phae.proj.1381R

ζ Orionis 187[illegible]
5 25 28
−0 24

Feb 8	45	1	5-9.6	35.2
15	45	2	3.0	39.0
18	45	2	4.0	42.2
22	45	1	4.3.3	17.1
26	45	1	41.4	15.3
27	45	1	45.5	21.1
Mar. 3	45	1	40.6	17.3

α Leporis 187[illegible]
5 27 08
−17 55

Feb. 7	15	2	16.8	54.9
15	15	1	46.0	24.8
20	~~16~~	~~2~~	~~25.1~~	~~8.3~~
22	15	1	59.6	35.3
26	15	2	0.0	37.0
27	15	2	4.2	42.0
~~9~~	~~16~~	~~4~~	~~34.5~~	
Mar 3	15	2	6.0	46.0
11	15	2	8.2	49.9

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1871phae.proj.1381R

ε Orionis (872

5 29 43.3

−1 17

Feb 2			AR only.		
Feb 5	40	0	25.6	3.0	11
7	40	0	20.0	−3.0	
8	40	0	21.9	−0.6	
18	40	0	24.2	1.2	
26	40	0	1.3	−28.3	
~~20~~	~~40~~	~~0~~	~~24.2~~	~~5.8~~	
27	40	0	5.3	−17.3	
Mar 3	40	0	6.5	−16.1	

σ Orionis 1872

5 32 16

−2 40

Feb. 5	0	3	44.7	22.5	11
7	0	3	41.6	19.4	
8	0	3	44.5	20.8	
18	0	3	47.1	25.6	
~~20~~	~~0~~	~~3~~	~~44.2~~	~~24.0~~	
26	0	3	26.1	2.4	
27	0	3	28.6	7.0	
Mar. 3	0	3	27.9	6.3	

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1871phae.proj.138fR

δ Aurigae
5 35 55 1872
+49 46

Jan 31	35	3	166	40.7	
Feb 5	35	2	14.0	41.6	
9	35	3	14.2	41.1	
8	35	2	30.9	58.9	
~~20~~	~~35~~	~~3~~	~~3.1~~	~~36.1~~	
26	35	2	46.8	12.0	
~~26~~	~~35~~	~~2~~	~~13.1~~	~~41.5~~	
Mar 3 ~~27~~	35	2	49.4	16.0	

δ Procv
5 37 24 1872
111 11

Feb 5	15	0	18.8	18.7
8	10	4	53.0	14.7
~~15~~	~~10~~	~~4~~	~~51.7~~	~~14.0~~
18	10	4	47.8	13.5
26	15	0	14.8	27.3
27	10	4	34.5	54.9
Mar 11	15	0	54.5	19.9

Cont @

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1871phae.proj.13811

ζ Leporis 1872
5 41 10
−14 52

1872	10	4	57.1	30.3
Feb 2	10	4	~~56.3~~	~~15.3~~
5	10	4	~~53~~	31.3
8	10	4	57.8	32.0
18	10	4	2.0	38.2
22	10	4	38.6	19.0
Mar. 3	10	4	35.5	17.7
11	10	4		

ε Aurigae 1872
5 42 32
+39 06

Dec 31	15	2	32.2	5-9.1
Feb 6.5	15	2	28.0	−0.4
8	15	1	56.6	27.1
22	15	1	37.9	4.9
26	15	2	13.1	41.5
27	15	2	10.4	40.7
Mar. 3	15	1	40.8	12.1

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1871phae.proj.138:R

ν, Draco	1872	Jan 31	35 –	8	40,2	2,2
δ = 44 27		Feb 2	35 –	3	44.3	52
10 7 47		8	35 –	0	33,6	55,7
		18	35 –	3	2.9	29,0
		Mar 11	35 –	2	40,9	6,3

Cast 5 hr
Mid for δ fil

β Columbae	1872	Jan 31	5 –	2	46,2	18,3
5 46 37		Feb. 5	A Rang.			
– 35 49		8	5 –	3	33,5	9,7
		22	5 –	3	3,0	39,0

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1871phae.proj.13811

α Aurigae
5 48 14
+ 7 23

1872								
Jan 30	0	0	27.6	0.3	550	4	37.2	6.3
31	0	0	26.8	−1.6				
Feb 2	0	0	30.2	4.0				
5	85	4	36.0	12.2				
8	0	0	39.4	14.3				
18	0	0	33.1	9.9				

β Aurigae
5 50 02
+44 56

Obs

1872								
Jan 30	25	3	12.4	37.3	2	10.6	37.0	
31	25	3	18.3	14.2				
Feb 1	25	3	8.4	33.8				
2	26	2	37.3	4.9				
5	25	2	30.4	1.7				
4	25	2	35.0	2.1				

δ fol Judge

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1871phae.proj.13811

θ Aurigae	1872 Feb	10	1	55.4	2.6				
5 50 43	15	10	1	58.0	2.6				
+37 12	22	10	1	35.6	3.2				
	Mar. 3	10	1	39.0	10.8				
	19	10	1	35.4	8.7				
γ Columbae	1872 Jan 30	35	2	20.3	54.2	1	18.1	57.8	
5 53 02	31	35	2	07.4	33.2				
-35 18	Feb. 5	35	2	35.3	12.3				
	22	35	2	10.4	45.1				
	Mar. 3	35	2	27.7	5.0				

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1871phae.proj.13813

μ Orionis
5-58-08
+9 39

1872							
Jan 30	40	4	46.4	17.2	3	52.9	23.3
31	40	4	48,0	21,0			
Feb 2	40	4	50.3	22.8			
5	40	4	47.3	23,2			
Mar 14	40	4	26,7	7.2			
19	40		43.0p	7.0			

B.A.6.
5-58-06
-26 17

1872							
Jan 30	35	3	32.8	8.9	2	57.2	30.2
Feb 22	35	3	26,5	2,6			
26	35	3	26,5	3.8			
Mar 4	35	3	32,8	16,0			
19	35	2	42.2	22,9			

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1871phae.proj.1381R

ρ Orionis	1872							
6 0 14	Jan 30	35	1	45.9	17.8	0	44.8	16.7
+14 47	Feb 2	35	1	39.9	14.10			
	5	35	1	46.8	23.8			
	8	35	1	32.8	17.3			
	12	35	1	41.2	20.2			
	~~20~~	~~35~~	~~1~~	~~4.2~~	~~43.4~~			
	Mar 1	35	1	23.0	5.11			
	14	35	1	21.7	2.2			
	19	35	1	23.4	2.2			
θ Columbæ	1872							
6 3 12	Jan 30	30	2	42.1	14.2	1	57.0	23.5
−37 14	Feb. 5	30	3	3.7	39.9			
	8	30	2	58.9	35.0			
	12	30	3	29.0	8.6			
	~~20~~	~~30~~	~~3~~	~~16.8~~	~~57.0~~			
	Mar 14	30	3	56.0	37.5			
	18	30	2	1.8	39.8			

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1871phae.proj.13813

22 Camel
6 4 18
+69 22

1872						
Jan 30	0	2	29.5	51.8	2 10.9	33.0
31	0	2	23.8	46.0		
Feb. 1	0	3	32	25.0		
2	0	1	56.0	18.5		
8	0	2	81.2	55.4		
12	6	2	15.1	45.4		
14	0	2	52.0	17.0		
Mar 1	0	2	31.2	58.0		
14	0	1	55.4	28.6		
15	0	2	25.3	55.4		

n Geminor
6 7 06
+22 33

1872						
Jan 30	50	1	13.9	40.6	0 28.8	55.8
Feb 2	50	1	17.2	45.3		
5	50	1	13.2	44.6		
8	50	1	18.3	49.0		
12	50	1	13.2	48.8		
14	50	1	20.2	57.0		
~~20~~	~~50~~	~~1~~	~~18.1~~	~~52.8~~		
Mar 1	50	0	19.2	51.0	Sfol 4 in mid	
14	50	0	57.4	30.7		
19	50	0	56.2	29.7		

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K_2 Orionis

6 9 14
+12 18

1872

Jan 30	5	0	12.7	44.2	0	4	34.4	4.2
Feb 5	0	4	27.5	3.6				
6	5	0	16.8	−8.0				
12	5	0	15.0	−6.8				
14	5	0	16.0	−9.8				
~~20~~	5	0	~~16.2~~	−8.0				
Mar 1	0	4	6.3	44.1	5 for			
14	0	4	57.2	31.9				

κ Columbae
6 12 03
−35 06

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1871phae.proj.13883

Mrs Mit

6 14 53−

+93 24

1872 Jan 30	0	1	11.8	31.3	0	1	35.3	56.2	
31	0	1	12.6	32.5					
Feb 1	0	1	4.2	13					
2	0	1	2.7	24.2	1		42.3	3.2	
5	0	1	13.3	38	c a 2				
8	0	1	0.7	23.0	a b c		a b c d e		
12	0	0	53.1	22.2	d e b a				
14	0	1	0.8	23.6	0	1	13.5	36.0	
~~20~~	~~0~~	~~0~~	~~57.0~~	~~25.2~~	~~0~~	~~1~~	~~15.9~~	~~43.6~~	
22	0	1	17.1	36.3					
24	0	1	20	31.3	b a				
26	0	1	1.6	22.8					
27	0	0	55.6	20.9					
Mar 1	0	0	47.2	11.9					
11	0	1	1.7	28.9	a b				
14	0	0	48.8	19.1					
17	0	1	33	28.7	c b a		(c?)		
19	0	0	26.5	~~19.2~~ 31.0	0	0	54.0	19.2	
28	0	0	29.7	03	0	0	44.4	33.1	

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β Canis Maj' 1871

6 18 03
−17 54

Feb 8	15	01	8.3	41.0
~~12~~	~~15~~	~~0~~	~~8.2~~	
12	15	1	2.4	45.3
14	15	1	55	43.2
~~20~~	~~15~~	~~1~~	~~5.8~~	~~48.0~~
26	15	0	48.0	24.6
Mar 4	15	0	48.6	32.9

B.A.C. 2079

6 19 38
−36 38

1872 Jan 30	55	2	14.8	48.8	35.9	10.1
Feb. 8	55	2	38.8	15.2		
12	55	2	36.0	17.6		
14	55	2	42.8	19.7		
~~20~~	~~55~~	~~2~~	~~44.9~~	~~25.0~~		
Mar 1	53	2	26.8	2.8		
14	55	2	28.4	11.7		
18	55	2	22.6	0.7		

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1871phae.proj.1390R

L Cem.
6 21 17
+20 18

1872						
Jan 30	5	1	10.4	40.2	0	18.7 49.0
~~Feb 2~~	5	0	~~34.3~~	~~5.3~~	Indefinite	
8	5	1	7.4	40.8		
10	5	1	21.1	-1.0		
14	5	1	13.0	46.0		
20	5	0	~~5.4~~	36.3		
Mar 14	5	0	5-6.9	36.4		
28	5	0	56.2	33.2		

B.Ab 2109
6 23 39
-32 30

1872						
Jan 30	50	0	31.0	4.3	4	31.3 4.2
~~Feb 2~~	45	4	30.4	4.1	Indef	
8	50	0	32.0	2.2		
14	50	0	27.0	2.8		
20	50	0	17.2	-3.2	Mag.	
Mar 1	50	2	39.2	17.3		
14	50	0	7.4	-10.8		
18	45	4	44.9	22.8		

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1871phae.proj.138IR

13 Monoc.
6 25 58
+7 26

1872							
Jan 30	55	3	0.8	31.2	2	7.4	37.9
Tish 5	55	2	16.0	51.1			
6	55	3	02.1	29.8			
12	55	3	7.4	44.6			
14	55	3	39	38.1			
~~20~~	55	3	0.1	39.4			
Mar 14	55	2	39.7	21.6			
~~18~~	55	2	44.0	19.3			
28	55	2	1.7	40.6			

BAC 27.44
6 27 64
−31 56

1872				
Tish. 5	15	1	50.7	27.0
12	15	1	27.4	7.3
14	15	2	1.0	35.7
~~20~~	15	1	44.3	24.4
18	15	1	39.1	16.6

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1871phae.proj.13913

2 Gem.
6 30 05
+16 31

1872 Feb 5 50 3 15,6 51,8
8 50 3 14,8 49,0
12 50 3 16,3 56,1
14 50 3 22,5 51,8
~~20 50 3 16,6 53,6~~
Mar 1 50 2 56,2 33,0
14 50 2 53,8 35,6
28 50 2 24,2 4,8

~~53 Aurigae~~
~~6 33 38~~
~~+44 39~~
4439

1872 Feb 8 45 0 28,6 −27,1
12 45 0 18,8 5,9 45 0 −6,7 22,6
14 45 0 33,5 1,8
~~20 45 0 22,5 −4,0~~
Mar 14 45 0 0,4 37,2
18 45 0 4,2 34,9
26 45 0 0,5 −24,7

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1871phae.proj.13818

5 1 b e p n.
6 39 42
+87 14

1872									
Jan 30	10	0	50.6	10.0		10	0	13.2	33.2
31	10	0	52.0	11.4					
Feb 1	10	0	48.5	7.7					
2	10	0	43.8	3.4		10	0	11.1	28.3
5	10	0	35.5	1.0		10	0	13.0	38.0
8	10	0	32.6	55.4		10	0	19.1	2
12	10	0	5.3	4 33.3		a d e a b e 2 2 2			
14	10	0	9.7	4 30.0					
19	10	0	23.8	51.9		mod gr			
~~20~~	~~10~~	~~0~~	~~32.7~~	~~0.0~~		~~a b c~~			
22	10	0	22.0	-19.2		5 14	46.6	6.5	
~~24~~	~~5~~	~~4~~	~~48.3~~	~~17.6~~		~~a b c e~~			
26	10	0	12.0	-27.0		2 2 2			
27	10	0	12.0	-27.0		c a 15	45.3	e a b e 17.4	2 2
28	10	0	22.9	-14.7 45.3		a b e a 1 1 1		a 2	2
Mar 1	10	0	18.8	42.7					
Mar 3	10	0	16.0	-18.2		(5 a b e a 4 4.5		e a b e 13.2)	
11	5	4	46.4	12.2		a b e e 2 2 2			
14	10	0	8.3	4 38.9					
18	10	0	12.8	4 39.1					
24	10	0	5.7	-24.5					

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1871phae.proj.1381R

α Can maj

6 39 30
−16 32

1872

Feb. 24	50	4	47.9	23.8
27	50	4	48.5	25.6
28	50	4	54.5	31.2
March at Rome.				
14	50	4	49.7	30.4
18	50	4	49.7	29.3
28	50	4	32.1	15.2

58 Aurigæ 1872

6 41 38
+41 56

Feb. 26	25	3	2.0	30.0
28	25	2	48.5	17.6
14	25	2	35.9	17.1
15	25	2	36.0	5.0
24	25	2	53.6	29.7

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1871phae.proj.1381R

~~15 Lyncis~~
α Geminor
6 44 17
+34 07

1872

~~Feb 19~~	15	2	~~7.3~~	~~42.2~~	
28	15	1	00	30.0	C ∪ C
Mar 28	15	1	4.4	20.1	

15 Lyncis
6 46 10
+58 35

1872

~~Feb 19~~	~~45~~	~~3~~	~~27.3~~	~~38.9~~	~~Mudps 5 fol~~
27	45	3	39,7	8,7	
28	45	3	10,7	36,1	nyz.
Mar 1	45	3	43.8	10.9	
28	45	3	40.7	12,7	

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1871phae.proj.13813

Can. Maj
6 48 49
−24 01

~~Feb 27~~	20	2	58.0	34.8
Mar 1	20	3	6.9	45.8
Mar 4	~~20~~	3	17.2	1.8

60 Draco 16, 1872

6 50 38
104 43

Feb 27	40	2	15.8	36.4
28	40	1	57.4	18.6
Mar. 3	40	2	8.3	32.8
Mar 28	40	1	45.1	14.7

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1871phae.proj.1381R

ε Can. Maj 1872
6 58 36
−28 48

Feb 27	5	3	43.0	20.0	
28	5	3	57.0	32.2	
Mar 3	5	4	2.1	39.8	
Mar 3	5	3	14.2	57.7	abe 222

β Geminor.
6 56 29 1872
+20 46

~~Feb 19~~	~~35~~	~~3~~	~~20.3~~	~~36.2~~	
Mar 1	35	3	4.3	35.9	
3	35	3	6.1	39.4	
2	35	2	87.0	8.0	
28	35	3	0.3	87.9	
Mar. 3	35	3	2.8	42.0	
4	35	3	2.2	41.2	

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1871phae.proj.13018

2 Pan Maj 1872	Feb 27	45	4	4,1	40,3
6 57 57	Mar 1	45	3	14,8	53,3
−15 26	3	45	3	47,6	26,8
	28	45	3	53,8	38,2
	Apr. 3	45	3	37,8	22,0
	4	45	4	3,4	49,9

~~45 Gemini~~	~~Feb 16~~	~~50~~	~~2~~	~~26,3~~	~~58,2~~
03 Aurigae	~~1872 17~~	~~50~~	~~2~~	~~21,2~~	~~54,6~~
1 2 56	24	50	1	25,6	0,0
+39 32	Mar 3	50	1	33,4	5,8
	19	50	1	37,0	8,9
	21	50	2	7,0	32,0

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1871phae.proj.1381R

S Can. Maj

7 3 12 (187
−26 11

Feb 19	30	3	6,9	48.8
28	30	2	52,9	30,0
Mar 1	30	2	48.10	26.3
28	30	2	57,8	42,2
Apr. 3	30	2	57,4	36,5
4	30	2	47,1	32,4

22 Monocerotis

7. 5−17 (187
−0 17

Feb. 24	35	4	55,2	35,3
27	35	4	60,8	36,2
Mar 1	35	4	51.7	28.5
3	35	4	54.7	32,0
11	35	4	52.8	32,0
19	35	4	55,5	34.0
21	35	4	58,3	34,0
Apr. 3	35	4	138	56,9
4	35	4	56.8	39,7

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1871phae.proj.13813

64 Aurigae
7 8 04
+41 07

Feb	16	15-	2	35.1	7.3
Feb	19	15-	2	33.4	10.2
	17	15-	1	44.9	26.6
Mar	1	15-	2	14.3	46.2
	3	15-	1	5-24	24.8
	11	15-	1	5-50	27.9
	19	15-	1	48.6	20.2
	21	15-	2	15.0	46.2
	24	15-	2	1.3	34.0

λ Geminor
7 10 40
+16 47

Feb.	28	35-	2	6.2	41.2
	3	35-	2	13.8	49.0
	18	35-	2	7.8	45.8
	19	35-	2	11.0	47.3
	21	35-	1	43.1	17.1
Apr.	3	35	2	7.9	49.5
	4	35	1	43.8	25.1

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1871phae.proj.13811

ν Geminor	Feb 19	10	0	46.1	20.8	187	
7 12 24	Mar 1	10	0	33.3	4.7		
+22 1.3	11	5	4	39.8	12.6		$a_2 b_2 c_2$
	19	10	0	24.5	−2.8		
	21	10	0	35.8	4.9		
ν Draco Lb.	T-2h,28	50	2	25.0	45.3	187	
7 12 30	Mar 3	50	2	5.7	28.2		
11 2 34	24	50	2	13.0	3.4		
	Apr. 3	50	2	10.9	39.9	2 17.4	46.9

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1871phae.proj.13812

66 Aurigae
7 15 12
+40 55

Feb 19	25	4	4.7	39.1	1872
Mar. 3	25	3	46.0	17.6	
19	25	3	43.0	15.3	
21	25	3	46.0	16.3	
24	25	3	25.2	58.1	
27	25	3	39.5	13.6	
Apr. 3	25	3	8.8	45.7	
4	25	3	40.5	7.4	

i Geminorum
7 17 41
+28 04

Feb 19	20	0	53.2	27.2	1872
~~Feb. 16~~	~~20~~	~~0~~	~~17.7~~	~~27.5~~	
Mar 3	20	0	1 25	4.27	
11	15	4	8.5	4.19	
19	15	4	60.2	31.3	
24	20	0	28.1	11.	
27	20	0	29.9	4.4	
Apr. 3	20	0	32.8	8.8	JM

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1871phae.proj.1381R

α Can. Maj.
7 19 00
−29 03

Feb. 28	20	4	19 9	5 7.2	187.2
Mar. 3	20	4	16.3	5 3.1	
19	20	4	11.8	5 0.2	16.7
21	20	3	40.2		
Apr 3	20	4	27.0	10.0	I M
4	20	4	20.2	2.8	

β Can. Min.
7 20 10
+8 33

Feb 19	50	0	7.6	45.8	187.2
Mar 7	50	0	30.2	6.0	
~~11~~	~~50~~	~~0~~	~~26.0~~	~~4.8~~	
19	45	4	49.7	24.8	a b c e d
27	50	0	27.8	6.9	

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1871phae.proj.13813

Q Leon. ✓
7 20 4.9
+32 0 2

Feb. 24	20	1	22.0	58.6	187 2
Mar 3	20	1	28.1	0.3	
21	20	1	18.8	50.4	
24	20	1	18.0	51.2	
Apr. 3	20	1	11.4	50.1	20 0 3 5.0 12.8
4	20	1	17.9	56.2	

6 Can. Mai
722 37
+12 17

(87)

Feb 19	5	2	25.9	4.1			
24	5	2	5.7	45.8			
Mar 1	5	2	8.9	44.0			
3	5	2	5.9	41.6			
11	5	2	5.1	41.6			
19	5	2	5.9	44.8			
21	5	1	38.1	31.6			
24	5	2	11.1	48.6			
27	5	2	5.7	44.4			
Apr. 3	5	2	5.8	46.3	1	13.8	54.4

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1871phae.proj.1381R

a Geminor. J
7 26 22
+32 10

Feb 19	10	3	59.4	35.0	1872
~~Feb 46~~	~~10~~	~~3~~	~~58.0~~	~~31.7~~	
~~17~~	~~10~~	~~3~~	~~54.5~~	~~27.0~~	
24	10	3	30.2	7.3	
Mar 1	10	3	35.5	6.8	
11	10	3	31.2	5.9	
15	10	3	26.6	9.7	2 v pr. bon
21	10	3	46.3	16.3	~~D~~
24	10	3	37.1	11.3	
27	10	3	34.9	10.9	
Apr. 3	10	3	25.3	4.3	Most S, and a few S2

Lal 14810
7 28 21.2
−21 01

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1871phae.proj.13813

o Geminor
7 8 0 4 2
+3 4 5 3

Feb 19	30	1	26.3	0.8	1872
24	30	1	5.3	40.6	
Mar 11	30	0	22.6	-4.7	faint — Moon
19	30	0	56.8	29.7	
Apr. 8	30	0	54.0	30.3	
4	30	1	1.5	37.7	

---

a Can Mai
7 8 2 8
+5 3 4

Feb 19	50	0	20.0	58.7	1872		
24	45	4	56.3	36.1			
Mar 1	45	4	59.0	33.2			
3	45	4	62.0	38.1			
11	45	4	5.9	43.2	c v c		
14	45	4	61.2	40.6			
19	45	4	60.6	37.6			
Apr. 3	45	4	56.0	37.2	4	59.6	40.0
4	45	4	60.2	41.7			
10	45	4	19.4	6.3			

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1871phae.proj.1381R

γ Monocer.
ν 35-06-
-9 15

Feb. 24	35	2	5-24	34.3	1872			
Mar 3	35	2	53.0	30.5				
14	35	2	55.1	38.3				
18	35	2	38.0	17.0				
19	35	2	51.4	30.8				
Apr. 3	35	2	51.2	34.6	2	1.8	4 53	
4	35	2	56.6	40.9				

β Geminor
γ 37 24
+28 20

Feb. 17	0	3	53.9	23.8	1871
24	0	3	30.7	6.0	
Mar. 3	0	3	38.8	10.3	
11	0	3	26.7	59.7	
14	0	3	34.0	8.4	
18	0	3	31.8	1.4	
19	0	3	36.2	7.0	
24	0	2	25.0	56.4	
Apr. 3	0	3	27.9	3.3	2 38.0 14.3
4	0	3	34.4	9.8	
10	0	3	2.8	45.0	

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1871phae.proj.13813

4 Puppis

α 40 04

−14 15

Feb. 24	35	2	36.5	19.6	1872
Mar 3	35	2	43.1	21.3	
16	35	2	36.1	15.4	
19	35	2	37.2	16.2	
Mar 3	35	2	28.6	11.9	
4	35	2	37.5	21.2	

o Puppis

α 42 48

−25 37

Feb. 24	55	3	38.5	20.7	1872
Mar 3	55	3	44.2	22.8	
14	55	3	45.2	29.1	
18	55	3	40.3	20.1	
15	55	3	44.9	22.9	
Apr 3	55	3	45.4	29.5	M.

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1871phae.proj.1381R

Gr. 1874
1 44 41
+74 15

Feb. 24	5	3	40,0	11,0				1872
Mar 14	5	3	37,6	8,7				
15	5	3	33,4	5,0				
15	5	3	31,0	5,9				mejor la ☆
Apr. 3	5	3	46,1	18,0	3	34,5	7,6	Δa_2 Δb_2 ΔC_2
4	5	3	26,3	5,6				
10	5	0	37,9	16,6				

♀ Semejor
1 45 35
+27 06

Mar 3	15	2	54,9	24,9		1872
18	15	2	2,6	32,3	a c b a	
24	15	2	45,1	16,4		
Apr 3	15	1	53,2	28,9	casi a b c a	
4	15	2	2,5	43,9	b c c	

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1871phae.proj.13813

ε Draco
L.C.
7 48 26
110 04

Mar.	3	20	2	14.1	37.0	1872				
	14	20	2	25.6	51.8					
	18	20	2	3.0	24.9					

~~14 Com Ann~~
~~7 51 40~~
~~+ 34~~
1 Dec Min
7 52 18
91 06

1872	T Aql	15	4	39.2	7.0	15	4	47.9	15.0	
	27									
	28	15	4	58.6	18.8	a b a				
Mar.	3	~~15~~	~~4~~	~~54.5~~	~~16.5~~					
	14	15	4	42.9	8.7	con 1st sheet a b, on 2nd a b a				
	18	15	4	46.8	8.2					
	19	15	4	42.4	6.9	15	4	49.6	11.6	neg.
	24	15	4	39.6	4.3	15	4	46.2	11.3	
Apr.	3	15	4	38.7	6.9	15	4	41.8	9.2	
						a c d e b a				
	4	15	4	32.2	1.3	4		39.1	7.2	
	10	15	4	35.0	10.2	4		41.8	15.0	
	11	15	4	61.0	32.8	~~b a~~				
						g b a				

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~~α Cancri~~
~~7 53 06~~
~~+25 45~~
Procyon
7 52 18
91 06

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1871phae.proj.1381R

2 Arg.	Mar 15	15	2	48.7	26.8	1872
α 2 06	19	15	2	52.2	31.2	
−23 56	Apr. 4	15	2	50.0	33.8	
	10	15	2	56.6	49.6	

ζ Cancri	Mar 14	20	1	25.1	4.7	1872
α 4 48	18	20	1	30.9	5.5	
+18 03	19	20	1	32.0	7.9	
	Apr. 3	20	0	48.7	28.9	
	4	20	1	21.2	2.9	
	10	20	1	22.6	9.8	
	11	20	1	26.2	10.6	

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20 Ceppios
8 7 26
−15 24

Mar 9	45	1	30.2	8.6	1872		
19	45	1	36.6	14.7			
Apr 10	45	1	34.0	24.2			
11	45	1	38.0	26.0	0	57.6	39.3

β Cancri
8 9 31
+9 38

Mar 14	45	3	29.2	8.3	1872		
18	45	3	33.1	7.0			
19	45	3	33.8	8.9			
Apr 10	45	3	28.2	15.1			
11	45	3	25.1	10.0	2	15.6	59.2

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ν Cephei	Tube 16	Inv. ✓					
δ 13 08	Mar 14	40	4	4.4	30.1		
102 41	19	40	4	30.8	54.7		
	Apr. 2	40	4	17.0	44.4	4 29.5	58.0
	10	40	8	58.2	34.6		
	11	40	4	8.0	40.5	4 34.2	7.3
ω Puppis	Mar 14	55	4	9.8	44.5		
δ 16 24	19	55	4	52.	46.0		
−32 38	Apr. 10	55	4	17.1	4.9		
	11	55	4	18.1	4.1	3 29.7	16.8

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o Mus Maj

8 1932
61 09

Mar 18	15	0	20.4	−13.0	187			
19	15	0	29.0	50.7				
27	15	0	16.2	46.4				
Apr. 2	15	0	18.0	48.1	10	4	36.0	7.4 a_2^2
10	15	0	18.4	58.3				
11	15	0	24.3	1.9	4	52.5	28.5	

B.A.6. 8 22 28
−25 42

Mar 18	0	4	3.1	39.3	187			
19	0	4	7.9	46.4				
21	0	4	2.7	39.3				
27	0	3	53.8	37.8				
Apr. 2	0	4	8.0	49.3	0	2	14.4	57.9
10	0	4	0.0	50.0				
11	0	4	3.6	51.9	3		17.0	4.0

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1 bauci

δ 25 16
+20 53

Mar 8	30	1	0.7	32.0	1872			
27	30	0	55.1	31.2				
Mn. 2	30	0	57.3	33.1	25	4	60.4	37.4
~~32~~	~~30~~	~~0~~	~~36.9~~	~~13.9~~				
10	30	0	57.8	37.1				
11	30	0	59.9	41.1	0	19.8	4.3	

B.A.C. 2844

+53 ∽2

Mar 18	30	3	10.1	37.4	1872			
27	30	3	10.1	40.8				
Mn. 2	30	3	10.0	40.0	30	2	24.8	55.9
3	30	3	10.8	41.1	2	36.2	9.0	
10	30	3	4.8	45.7	2	27.3	7.4	
11	30	2	58.4	36.0	2	30.2	6.8	

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ζ Hydrae

8 30 52

+6 10

Mar 18	10	4	12.4	47.8	1872				
21	10	4	14.0	47.3					
24	10	4	9.9	45.6					
27	10	4	9.6	48.6					
Apr. 2	10	3	59.0	36.8	10	3	5.6	45.7	
11	10	4	9.4	56.1	~~10~~	3	20.6	10.9	

Corr 3[s].4 54.1 ζ

η Hydrae

8 33 56

−12 01

Mar 18	20	3	56.9	35.4	1872				
21	20	3	57.8	35.2					
24	20	3	56.0	35.0					
27	20	3	58.9	40.1					
Apr. 11	20	4	11.9	0.4	3	15.0	4.5		

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1871phae.proj.1381R

Schaeuri
δ 3 5 52
+21 5'

Mar 21	25	2	52.5	21.4	1872		
27	25	2	50.0	24.5			
Apr. 2	25	2	41.0	16.0	25	1 54.3	29.1
3	25	2	47.0	22.7	M.		
10	25	2	45.9	20.5	1	55.0	37.0
11	25	2	38.3	18.0	1	50.8	31.3

Schaeuri
δ 37 24
+18 38

Mar 24	45	1	8.9.0	4.4.0	1872		
27	45	0	41.7	20.2			
Apr. 2	45	0	24.4	2.3	c u e		
3	45	0	38.8	18.7			
10	45	0	12.5	5.9.9	c u e		
11	45	0	12.6	56.9			

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ε Hydrae ✓
8 40 00
+6 53 22

Mar 27	25	4	57.8	31.2		187²
Apr. 2	25	4	42.7	23.2		
10	25	4	53.5	41.3		

ζ Hydrae
8 41 39
+6 19

Mar 21	0	4	37.6	(10.6?)		187²
27	0	4	25.0	3.8		
Apr. 2	0	4	14.5	53.0	3	29.4 9.3
10	0	4	33.4	20.0		
11	0	4	35.6	20.3	3	47.6 32.2

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1871phae.proj.138R

35 Lyncis
8 43 24
+44 13

Mar 21	10	1	7.9	35.2				
27	10	1	8.5	41.9				
Apr. 3	10	1	37.0	12.9	1	3.0	38.2	
10	10	1	26.1	7.6	0	34.2	15-4	
11	10	1	44.9	25.9	0	55.6	35.8	

α_2 Canum

8 46 31
+31 05

Mar 21	15	4	42.5	11.2				
27	15	4	48.3	21.9				
Apr. 2	15	4	28.5	3.7				
3	15	4	51.4	27.3	3	55.8	31.2	

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β Hydrae
8 48 39
+6 27

Mar 21	55	2	17.6	51.2			(17.2
27	55	2	4.3	43.7			
Apr 2	55	2	12.8	51.8	1	22.7	1.9
3	55	2	0.3	40.0			

i Ursa Maj.
8 50 22
+~~48~~ 33
48

Mar 21	50	1	26.5	57.0	(17.2		
27	52	1	12.1	43.7			
~~Apr 28~~ Apr	52	1	12.6	43.5			
Apr 2	50	1	4.0	34.1	0	27.9	59.8
3	50	1	14.0	46.0	0	50.8	3.2
~~4~~	~~50~~	~~1~~	~~13.6~~	~~46.9~~	~~0~~	~~24.9~~	~~57.2~~
6	50	1	8.2	45.8	0	30.9	8.0
~~7~~	~~50~~	~~0~~	~~30.9~~				
21	50	1	14.2	57.7			

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P Y 6. 1879 ✓
δ 53 30
99 54

Mar 21	25	4	8.0	28.0				
27	25	4	9.7	34.6				
Apr 1	25	3	52.0	22.1	25	4	5.6	32.5
Apr. 2	25	3	51.2	17.9	25	4	4.0	30.4
3	25	3	51.6	18.3	4	1.9		28.8
~~4~~	~~25~~	~~3~~	~~57.8~~	~~25.3~~	~~2~~			
6	25	3	51.6	23.9	4	2.9		35.0

K Ursæ Maj.
δ 54 50 ✓
+47 41

Mar 4	40	3	31.0	58.0	1872 ✓			
~~Mar 26~~	~~40~~	~~3~~	~~52.3~~	~~23.9~~				
Apr. 2	40	4	6.1	38.9	3	25.1	56.9	
3	40	3	45.9	18.9				
~~4~~	~~40~~	~~3~~	~~48.9~~	~~23.1~~	~~3~~	~~20.0~~	~~53.4~~	
17	40	4	10.7	49.1				

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1871phae.proj.138:1R

σ^2 Res May' 1872

8 58 00
+ 67 39

May 21	40	4	03.2	26.7	4	37.6	0.7
27	40	4	02.2	29.3	4	19.1	4.9
~~28~~	~~40~~	~~4~~	~~5 43~~	~~24.6~~	~~3~~	~~57.6~~	~~27.0~~
Apr. 1	40	4	~~58.3~~	~~45.7~~ 40	40	4	33.6 4.0
Apr. 2	45	0	0.2	29.7			
~~4~~	~~45~~	~~0~~	~~5.2~~	~~4~~ 36.6	~~40~~	~~4~~	~~31.0~~ ~~1.5~~
6	40	4	51.9	25.3			
17	45	0	2.3	37.8			
21	40	4	40.3	9.2			
29	40	4	48.2	28.0			

Kbauci 1872

90 50
+11 12

Apr. 1	10	2	19.3	58.2			
Apr. 2	10	2	13.4	54.0	10	1	25.6 5.0
~~4~~	~~10~~	~~2~~	~~18.0~~	~~58.1~~	~~10~~	~~1~~	~~29.0~~ ~~8.1~~
6	10	2	14.0	58.0		1	21.7 4.3
17	10	2	22.1	5.9			
21	10	2	20.2				

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1871phae.proj.13801R

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1871phae..prof..1381R

σ^2 Res May' 1872

8 57 00
+ 67 39

Mar 21	40	4	03.2	26.7	4	37.6	0.7
27	40	4	62.2	29.3	4	19.1	4.9
~~28~~	~~40~~	~~4~~	~~54.3~~	~~24.6~~	~~3~~	~~57.6~~	~~27.0~~
Apr. 1	40	4	~~57.3~~ 58.3	~~29.7~~ 40			
Apr. 2	45	0	0.2	29.7			
~~4~~	~~45~~	~~0~~	~~5.2~~	~~36.6~~	~~40~~	~~4~~	~~31.0~~ ~~1.5~~
6	40	4	51.9	25.3			
17	45	0	2.3	37.8			
21	40	4	40.3	9.2			
29	40	4	48.2	25.0			

K Cancri 1872

90 60
+11 12

Apr. 1	10	2	19.3	58.2			
Apr. 2	10	2	13.4	54.0	10	1	25.6 5.0
~~4~~	~~10~~	~~2~~	~~18.0~~	~~58.1~~	~~10~~	~~1~~	~~29.0~~ ~~8.7~~
6	10	2	14.0	58.0	1	21.7	4.3
17	10	2	22.1	5.9			
21	10	2	20.2				

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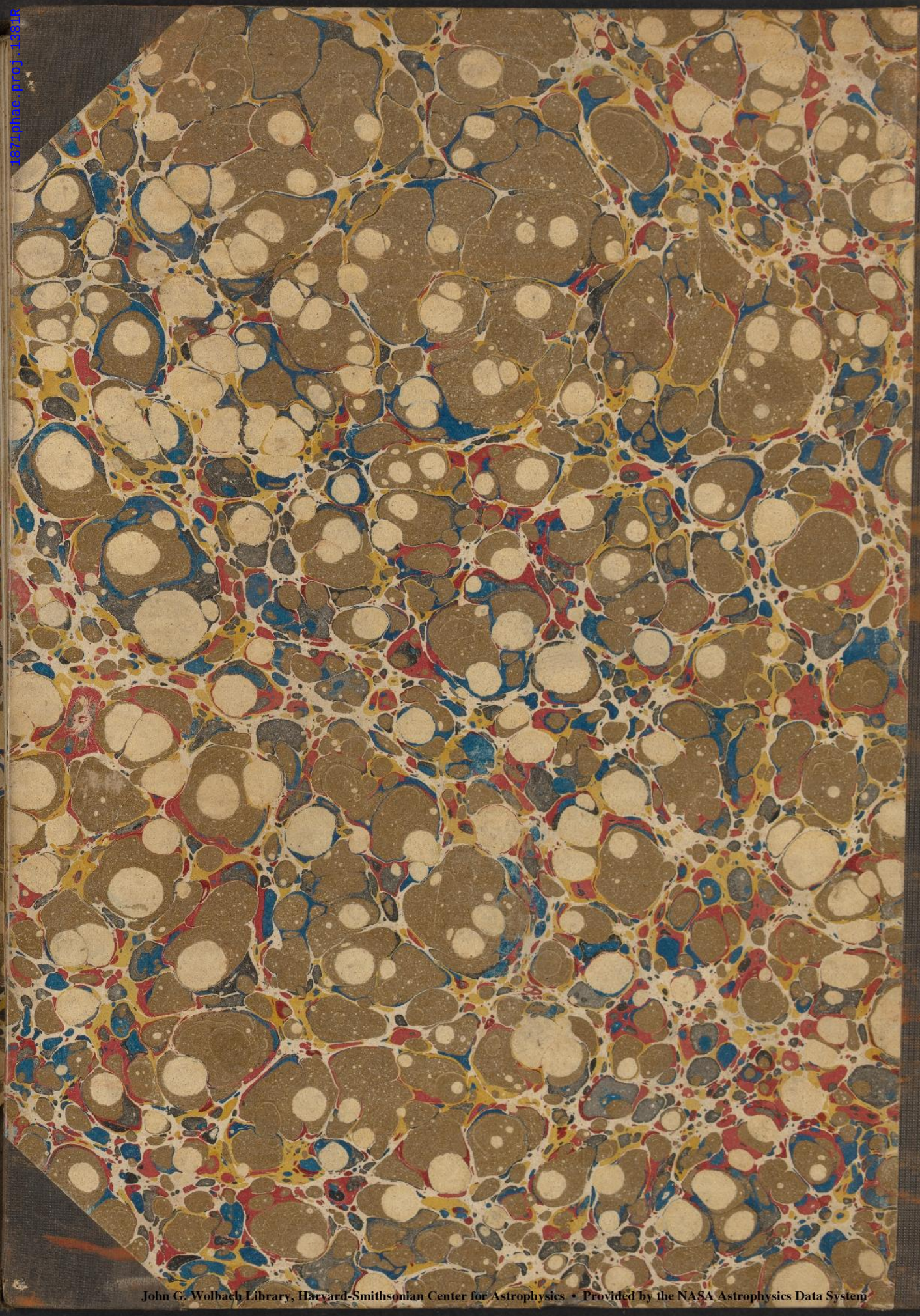
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