KG
11366
.823

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Observations of
Southern Variable Stars

Ledgard Jan 27, 1916
Aug. 21, 1902 — Aug 31, 1904

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75 comps
Oct 1 to end

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1899phae.proj.1827W

Tuesday April 25, 1899.

~~12:00~~ R. Cent. C. Obs.

12:30 b2 var4 c. field glass:

– Cent, 12:28 – 54° 6'

12:35 clds in region. almost ~~whole~~ sky cldy.

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1899phae.proj.1827W

Friday April 28, 1899

η Argûs . ⊙ Obs.

9;23 . g o var.

S Carinae .

9;38 . C₀ var. in 5" ⌖ finder.

– Carinae 10':10 – 58 21 ".

19;51 var not vis in 5" Hazy in region.

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1899phae.proj.1827W

Tuesday May 23, 1899.

R Columbae C. Obs.

6,53 var not vis. ✓

S. Puppis.

6;59 c_2 var, d, ✓

L_2 Puppis "

7;02 b_0 var. field glass. ✓

R Antliae. "

7;16 ε_1 var ε_2 ✓

S Carinae "

7;21 ε_0 var. ✓

-Carinae 10;10 -58 21 ✓

7;26 var not vis in 5"

η Argûs. "

7;30 q = var. ✓

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1899phae.proj:1827w

Tuesday May 23, 1899.

– Centauri 12 28 – 54° 6′ C Obs.

7:43 f, var, g. ✓

a.G.C. 18609 (13 34 –32 57) 4.

7:47 b, var. field glass. ✓

R Centauri "

7:52 c, var in field glass also in finder. ✓

– Lupi 14 46 – 46° 2′ "

8:02 var not vis. in 5″. ✓

R Lupi. "

8:08 ε, var, f. ✓

– Scorpii 16 48 –44 57 "

8:18 var not vis. ✓

– Scorpii 16 50 –30° 26′ "

8:26 var not vis.

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1899phae.proj.1827W

Tuesday May 23, 1899.

-Scorpii 16 56 -36 46 C. Abe.

8:38 h = var ?

-Scorpii 17 33 -43 38 "

10:48 var not vis.

-Pavonis 18 3 -63 38

11:02 var not vis.

χ Pavonis

11:07 do var in field glass.

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1899phae.proj.1827M

Wednesday May 24, 1899.

-Sagittarii 19 51 -42°7' C. Obs ✓

3:20 g. var ?

-Sag. 19 49 -29° 26' 4

A.G.C. 2719 ℔3 19 46 -59° 27' 4

8:45 ε_2 var$_2$ f. ✓

-Sag. 20 09 -39 29. 4

3:55 ν_2 var$_2$ x

-d ν dι 4

4:08 var not vis.

R d ν dι 11

4:15 h. var.

R Phorm. 4

4:24 c. var$_3$ d

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1899phae.proj.1827w

Wednesday May 24, 1899.

- Tucuman 23 5 26 5°56 C Obs

4:32 var sat vis.

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1899phae.proj.1827w

Saturday June 24, 1899.

R Antliae. C. Obs.

7:23 d, var. in 5"

η Argûs "

7:27 var = g.

S. Carinae "

7:32 d, var = ε,

– Carinae 10:10 -58 21 "

7:38 var not vis,

– Cent. 12 28 -54 6 "

9:00 ε' o var.

a.G.C. 18609 "

9:10 d, var in field glass = finder.

R Cent. "

9:16 d, var, ε in finder,

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1899phae.proj.1827w

Saturday June 24, 1899.

-Scorpii 16 48 -44 57 C. Oche

9:25 var not vis.

R Lupi. "

9:30 var not vis.

-Scorpii 16 50 -30. "

9:38. var not vis.

-Scorpii 16 56 -36° 46'

9:44 var not vis.

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1899phae.proj.1827w

Monday June 26, 1899.

– Carinae 10:10 – 58 21 C. Obs.

7:35 comp. slab l seen var not vis.

– Lupii 14 46 – 46 12 "

7:58 var = h. both var limit of vis.

R Lupii. "

18:23 h var, k. "

– Scorpii 16:50 – 30° 26' "

8:38 l, var < x "

– Scorpii 16 56 – 36° 46' "

8:45 var not vis. "

– Scorpii 16 48 – 44 57 "

8:55 var not seen. "

– Scorpii 17 35 – 43 41 "

9:00 h, var, k. "

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1899phae.proj.1827W

Monday June 26, 1899.

-Pavonis 18 00 -63 38 C Obs.

9:06 g_3 var, f.

X Pavonis.

A.M.
2:00 c_3 var, d. naked eye.

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1899phae.proj.1827w

Thursday July 20 1899.

S Carinae.

7:20 b_2 var$_2$ c. in finder C. Obs.

- Carinae. 10 6 - 58° 28' C. Obs.

7:26 var susp. at Time but not certainly seen.

η Argûs C Obs.

7:30 f_4 var$_1$ g.

" - Centauri 12 28 - 54 6 "

7:37 ε_0 var.

A.G.C. 13609 "

7:45 ε_5 var$_0$ f.

R. Centauri "

7:49 ε_2 var$_2$ f.

" Lupi 14 46 - 46° 12'

8:41 var not vis C. obs.

8:45 var not vis. F. Obs.

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1899phae.proj.1827W

Thursday July 20, 1899.

R Lupi.

8:52 var not seen. C. Obs.
8:55 var not seen. g at L. V. F. Obs

– Scorpii 16 56 – 36°46'

9:12 var not seen C. Obs.

9:20 var not seen F. Obs.

– Scorpii 16 48 –44°57'

9:27 var not seen. C Obs.
9:30 var not seen. F. Obs

– Pavonis 18 00 –63° 38'

9:37 bo var. C Obs.
9:40 bo var F Obs.

X. Pavonis.

9:45 var = c. Field glass naked eye. F. × C.

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1899phae.proj.1827w

Thursday July 20, 1899.

A.G.C. 27193

9:54 Var = b. in 5" C. Obs.
10:05 Var = b. in finder " "

10:08 b 3, 4 c in 5" F Obs
b 3, 0 c in finder " "

— Ldi 20 47 -54° 47'

10 20 Var. not seen F. Obs.
10 21 Var not seen C. Obs.

R. Pis. Aust.

10:40 R not seen C. Obs.

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1899phae.proj.1827W

Friday July 21, 1899.

R. Indi. C. Obs.

2:00 Var suspected at L. V. but not certainly seen.

R Phoenicis. C. Obs.

2:09 c, var, d.

– Tucanae 23 52 – 65° 56′ "

2:13 a, var, b.

S Sculptoris. "

2:24 Var not vis.

R. Sculptoris "

2:28 b, var c in field glass.

– Horologii 2 50 – 50° 21′ "

2:38 b, var.

– Pictoris 4 43 – 44° 25′ "

3:06 f, var. g

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Friday July 21, 1899.

R. Reticuli c. Obs.

4h 3m.15 Var not seen.

R Doradûs

3:17 b_2 var, c.

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1899phae.proj.1827W

Friday Aug. 18, 1899.

– Centauri 12 28 – 54°6' ⊂ Obs.

7:10 var₂ b.

R Muscae. "

7:13 var₂ a.

a.G.C. 18609 "

7:17 a₃ var₂ b. in field glass "

R Centauri. "

7:22 g₂ var₂ h.

– Lupi. 14 46.7 – 46° 12' "

7:30 var not vis in 5"

R Tri. Aust. "

7:34 b₀ var:

R Lupi. "

7:41 V var not vis in 5"

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Friday Aug 18, 1899.

-Scorpii 16 48 -44 57 C Obs-

7:49 b_2 var. b_3 b_1.

-Scorpii 16 50 -30 26 "

7:57 f o var$_3$ g.

-Scorpii 16 56 -36 46. " .

8:05 var not seen.

-Scorpii 17 35 -43 47 "

8:11 var = h.

-Pavonis 18 00 -63 38 "

8:16 a_4 var, b.

κ Pavonis, "

8:19 c_2 var, d. field glass & naked eye.

A.G.C. 27193. "

8:26 b_1 var, e.

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Friday August 18, 1899.

– Indi. 20 47 – 5 4 48 C Obs.

8:35 var not vis. moon near.

R. Indi

8:45 var not seen.

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1899phae.proj.1827w

Thursday Sept. 21, 1899

- Sagittarii $19^h\ 51^m$ $-42°\ 07'$

9:30 ~~to 2, ok~~ oh, ok

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1899phae.proj.1827W

Monday Oct. 2, 1899.

R Lupi. C. Obs.

7:35 Var not vis.

R Tri. Aust.

7:40 a_4 var, b.

-Scorpii 16 50 -38 26 "

7:47 b_2 var$_2$ c.

-Scorpii 16 56 -36 46 "

7:51 var. ó

-Scorpii 16 48 -44 57 "

7:55 c_2 var$_2$ d.

-Scorpii 17 35 -43 41 "

7:59 f var$_3$ g

-Pavonis 18 00 -63 38 "

8:05 f var$_2$ g.

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1899phae.proj.1827w

Monday Oct. 2, 1899.

R.S.+T. Cor. Aust. e Clr.

8:10 g, S.

8:12. g, T (vlbv)
R. not vis.

X Pavonis.

8:15 c, var. naked eye

A.G.C. 27193

8:18 b, var. field glass.

-Sagit. 19 51 -42° 7' "

8:27 g, var, b.

-Sagittarii 20 09 -39 29 "

8:35 g, var, R.

-Telescopii 20 07 -47 15 "

8:45 f, var, g.

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Monday Oct. 2, 1899.

– Indi. 20 47 – 54 48. C. Obs.

8:51 var not vis.

– Octantis 20 53 – 82 36 "

9:02 var not vis.

R. Indi. "

9:09 ho var.

R Phoen. "

9:17 var not vis.

Tucanae. 23 50 – 66. "

9:23 var not vis.

S Sculptoris "

9:24 d, var 3 e.

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1899phae.proj.1827w

Tuesday Oct. 3, 1899.

R Sculptoris. C. Obs.

4:08 a_2 var. b. fiddglass.

– Horalogii $2^{h.}49^{m.} - 50° 21'$ a

4:40 do var. c.

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1899phae.proj.1827w

Monday Oct. 16, 1899.

-Scorpii 17 35 -43 41 C. Obs.

7:17 $c_2 var_2 f$.

- Pavonis. 18 00 - 63 35 "

7:28 var not seen.

x Pavonis. "

7:36 $c_2 var_2 d$.

A.G.C. 27193 "

7:40 b_2 var in finder.

A.G.C. 27271 "

7:48 var not vis.

-Sagittarii 19 51 -42 7 "

7:52 $f_2 var_2 g$.

- Sagittarii 20 9 -39 29 "

9:10 $u_0 var_4 V$.

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1899phae.proj.1827w

Monday Oct. 16, 1899.

- Telescopii 20 07 -47 15 C. Obs.

8;18 eovar3 f.

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1899phae.proj.1827W

Saturday Nov. 18 1899.

-Scorpii 17 35 -43 41.

7:06 ε, var₂ f. 5" c Obs.

χ Pavonis.

7:09 ε, var naked eye. "

-Pavonis. 18 00 - 63'.

7:14 var not seen.

-Octantis 20 53 - 83. "

7:28 var, not seen.

A.G.C. 27193. "

7:36 b₀ var. field glass.

-Sagittarii 19 49 - 29° 26' "

7:48 t_2 var₂ χ.

-Sagittarii 19 51 -42° 7'

8:07 b_3 var₂ ε.

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1899phae.proj.1827w

Saturday Nov. 18, 1899.

– Sagittarii 20 9 – 39° 29' C. Obs.

8:27 var not seen.

– Telescopii 20 7 – 47.° 15 "

8:35 ε, var, f.

– Microscopii 20 34 – 29° 9' "

8:45 var not vis. ε seen.

– Indi. 20 47.7 – 54° 48' "

8:57 b, var, c.

R P is. Aust. "

9:07 R not vis. Comp. star v seen.

R Indi. "

9:30 f, var, g.

R Phoenicis. "

9:40 Var not vis.

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Saturday Nov. 28, 1899.

S Sculptoris. C. Obs.

9: β_0 var. fiddglass.

R Sculptoris "

10:01 A'_3 var, A.

R Horologii "

10:17 ε_3 var of f.s g.

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1899phae.proj.1827w

Saturday Dec. 9, 1899.

R Indi

9:35 Eo nar. C. Obs.

— Horologii 2:50 -50° 21'.

9:45 h 2,1 k.

Leo per obs

Jan 27, 1900

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The previous pages were used by H. B. Clymer,

for Visual Observations of Southern Variabls.

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Visual Observations of Variable Stars.

~~B. F. Wyeth, Jr., Observer.~~

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1899phae.proj.1827w

J.D. 0983 Thursday, Aug. 21, 1902.

U Centauri

7:53 k 2 var — 5 in Wy Obs.

π Centauri

8:05 var 2 c — " " "

R Centauri

8:14 h 2, 2 k — " " "

R T Scorpii

8:31 m 2, 1 m — " " "

R Pavonis — " " "

8:43 c 2, 4 d — " " "

R V Sagittarii

9:50 b 4, 3 c — " " "

V Coronae Austr.

9:55 e 3, 2 g — " " "

R Coronae Austr.

9:59 c 4, 2 d — " " "

T Pavonis

10.24 f 2, 4 g (Ph. Ch.) — " " "

S Pavonis

10:30 b 2, 4 c " — " " "

R R Sagittarii

10:56 f 4, 1 g (Ph. Ch.) — " " "

R U Sagittarii

11:06 c 3, 3 d — " " "

R Sculptoris

11:17 b 1, 2 c — " " "

R Phoenicis

11:29 f 2, 1 g — " " "

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1899phae.proj.1827W

J.D. 5983 Aug. 21, 1902.

R Telescopii

12:04 g2, 1h 5 in Wy. Obs.

S
R Coronae Austr.

13 11 g3, 2k 13 in " "

R Coronae "

13 39 d2, 1e " " "

T. Coronae " " " "

13 42 Var seen only by glimpses
& easily seen
Var too low for faint to estimate
grade or to select an equal
comparison star

R.O Sagittarii " " "

14 30 Var = S Virgo sequence
both very faint and
comparison difficult

R Piscis Austrini

14 54 p2, 2 q
77

V Gruis

15 24 b 4, 3 c (photo. chart) " " "

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J.D. 5991 Sunday, Aug 27, 1902

S Equinox

17 10. d 2, 2 e .5 m Nyn Abz

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1899phae.proj.1827W

J.D. 5994 Monday, September 1, 1902

U Centauri

8 04 Require lens and reverse tube from to distinguish vanish from stars near it—

T Centauri 5 in Sky Clear

8 17 Var 3 c

R Centauri " " "

8 38 h 1, 4 m (9:19, 41, 3 k)

S Yupi

9 12 h 3, 3 k " " "

comparison difficult on account of faintness

R Trianguli Austr.

9 36 a 1, 3 b " " "

R Yupi

10 05 g 1, var " " "

✓

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1899phae.proj.1827w

J.D. 6005 ~~Friday, Sept. 12, 1902.~~

R S Scorpii

5:33 e 2, 3 f 5 in. Wy. Obs.

R R Scorpii

8:43 f 2, 3 g " " "

R Pavonis

9:43 b 2, 4 c (Ph. Ch.) " " "

R S Sagittarii

9:52 b 4, 2 g " " " "

R Pavonis

10:03 d 1, 3 e " "

Stopped by clouds.

✓

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1899phae.proj.1827W

J.D. 6006 Saturday, September 13, 1902

S Pavonis

12 52 b 2,4 c (phot. chart) 5 in Mr. 6k

T Gruis

13 25 b 4,3 c (" ")

R Phoenicis

13 55 f 2,2 g

R Sculptoris

14 30 b 1,2 c

R Hydrae

14 41 a 2,3 b

R Doradus

14 53 a 3,1 b

R Leonis

15 43 a 2,1 b

R Octantis

17 01 Var = m

✓

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1899phae.proj.1827w

J.D. 6008 Monday September 15, 1902

R.T Scorpii

9 37 m 3, 3 v 13 in Sm. Ak

~~10 07 var = 1 (phot. chart)~~
~~very faint and~~
~~comparison difficult~~

R W Scorpii

10 18 Var not certainly seen " " 5
1 at 1.x (phot. chart

R U Scorpii

11 13 m 4 var ; ~~m~~ (phot. chart) " " 1
m not visible

S Coronae Austr.

11 47 g 3, 3k " " 1

R Coronae Austr.

12 06 g 3, 3k " " 1

T S Coronae

12 15 var. not certainly seen
probably glimpsed occasionally
(There is a possibility that the
variable called R may be S)

~~12 30~~ R U Sagittarii

12 30 C 2, 2 d (phot chart) " " 5

R Microscopii

12 52 C 3, 2 d (phot. regions) " " 4

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J.D. 6008 Monday September 13, 1902

S Gmdt

14 06 d 3, 2e (Hvt. chart) 13 m Mn Cebr

R Gmdt

14 34 l seen by glimpses " " "
var or k (probably k)
abv seen by glimpses
apparently 2kg 2 bkg bright
Chart 2
(Hvt. chart)
R ~~R~~ Pisces Austrini

14 59 Var. not seen " " "
S at l. v

S Gmdt

15 39 Var glimpses " " "
R easily seen

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1899phae.proj.1827w

Sept.

J.D. 6009 Tuesday ~~Oct 1~~ 16, 1902

R R Sagittarii

10 07 b 3, 1 c (phot chart) 13 in Mr Ok

R U Sagittarii

10 38 c 3, 2 g finder " "

R Tucanae

11 47 d 2, 4 e (phot region) 13 in " "

S Sculptoris

12 00 e 3 var. finder " "
f not visible

✓

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1899phae.proj.1827W

J.D. 6010 Wednesday, September 17, 1902

R Pictoris

13 17 e 3, 2 f 5 in Mn Obs

L2 Puppis

14 29 g 1, 3 h " " "

S Puppis

15 51 C 2, 3 d " " "

1 Carinae

15 58 C 1, 2 d m.e. " "

R Carinae

16 04 h 3, 3 k 5 in " "

S Carinae

16 14 C 3, 1 d " " "

R R Carinae

16 53 b 3, 1 C " "

✓

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1899phae.proj.1827w

Saturday, Sept. 20, 1902.

J.D. 6013 ~~Thursday, September 18, 1902~~

R Telescopii

7:22 k 2, 3 b 5 in. Wy. Obs.

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1899phae.proj.1827W

J.D. 6015 Monday, September 22, 1902

R Eridi.

13 34 h2, 3k 8 in Mn Cl2

R Reticuli

14 45 m 4, 3 o 13 in "

R Centauri

17 15 Var not visible
not certain of identification
a reddish appearing star
near the position of the variable
is seen but according to the
chart it is not the variable

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J.D. 6016

Tuesday, Sept. 23, 1902.

	T Octantis (Ph.Ch.)	
8:48	var not seen; not L.V.	5in. Wy. Obs.
	S Octantis (Ph.Ch.)	
8:53	var not seen; k at L.V	" " "
	R Trianq. Austr.	
9:02	c 2, 4d	" " "
	R Lupi	
9:14	k 3 var. l not seen	" " "
	R S Scorpii	
9:22	b 3, 4c (Ph.Ch.)	" " "
	R R Scorpii	
9:31	ε 2, 2f	" " "
	R Pavonis	
10:00	a 2, 2b	" " "
	R V Sagittarii	
10:08	b 4, 3c (Ph.Ch.)	" " "
	T Pavonis	
10:26	b 4, 3d (Ph.Ch.)	" " "
	S Pavonis	
10:34	e 2, 3f	" " "
	R R Sagittarii	
10:50	a 4, 3d (Ph.Ch.)	" " "
	R Sculptoris	
11:06	a 3, 2b	" " "
	R U Sagittarii	
11:13	a 2, 3b (Ph.Ch.)	" " "

✓

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1899phae.proj.1827W

J.D. 6018 Thursday, Sept 25, 1900

R Anthiae

17 03 e2, 3 f 5 m Mn Als

✓

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1899phae.proj.1827w

J.D. 6019

Friday, Sept. 26, 1902.

R Centauri

7:57	m 4, 1 n ζ Lupi	5 in.	Wy.	Obs.
8:16	c 4, 3 e (Ph. Ch.) R Telescopii	"	"	"
8:40	h 2, 2 k (Ph. Ch.) R Sagittarii	"	"	"
9:47	c 2, #4 d (Ph. Ch.) R Microscopii	"	"	"
10:00	b 4, 2 c (Ph. Ch.) R Gruis	"	"	"
11:55	g 3, 1 h. R Horologii	"	"	"
13 08	a 1, 3 b R Doradus	"	Ma	"
13 44	b 1, 4 c? (Probably a mistake was made in the identification of "c") R Coeli	"	"	"
13 56	a 2, 2 b R Pictoris	"	"	"
14 28	e 2, 1 f L Puppis	"	"	"
14 38	f 3, 2 g S Puppis	F.B.	"	"
15 00	c 2, 3 g R Carinae	Sm	"	"
15 14	g 2, 1 g l Carinae	"	"	"
15 22	c 2, 2 d	M. E	"	"

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1899phae.proj.1827w

J.D. 6019 Sept. 24, 1902

S Comet

15 36 C 3,1 d 5 in Mr. Abr

Z Comet

16 48 f 3,1 g " " "

✓

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1899phae.proj.1827W

J.D. 6027 Sat., Oct. 4, 5, 1902.

R Centauri

7:23 m 2, 4n 5 in. Wy. Obs.
S Lupi

7:42 ~~1c 3, 4e~~ c 4, 4e (Phr. Ch.) " " "

7:47 c 3, 4e " " " F "
R Triang. Austr.

8:57 b 2, 3c " Wy " "
R Scorpii

9:04 b 4, 3c (Phr. Ch.) " " "
T Gem

13 55 c 2, 2d (Phot. Cent.) " Mr "
R Phoenicis

14 15 f 3, 2g " " "
S Sculptoris

14 58 d 3, 2e " " "
R Sculptoris

15 12 a 3, 1b " " "
R Horologii

15 24 a 2, 3b " " "
R Reticuli

15 45 n 4, 2b " " "
companion difficult on account of faintness
R Doradus

16 4 b 2, var " " "
R Leporis

16 29 q 2, 3b " " "

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1899phae.proj.1827w

J.D. 6024 Oct 4, 1902
R Pictons

16 40 d1, 2e 5 in Mn Calx

S Puppis

16 54 c1, 2d " " "

R Centauri

17 03 Var = g

✓

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1899phae.proj.1827w

J.D. 6029 RR RT Scorpii Monday, Oct. 6, 1902.

7:29 a 4, 2 b (C.P.S.) 5 in. Wy Obs.
R Pavonis

8:13 b 4, 4 c (Ph.Ch.) " " "
R V Sagittarii

8:23 var = c (Ph.Ch.) " " "
V Coronae Austr.

8:32 g 2, 3 k " " "
R Coronae Austr.

8:35 g 1, 2 k " " "
γ Coronae Austr.

8:38 k 3 var. (very faint) " " "
R R Sagittarii

8:51 b 1, 2 c " " "
R U Sagittarii

8:58 c 4, 3 d (Ph.Ch.) " " "
R T Sagittarii

9:27 var = c (Ph.Ch.) " " "
R Microscopii

9:48 d 4, 2 e (Ph.Ch.) " " "
R Gruis

10:10 d 3, 3 f (Ph.Ch.) " " "
S Gruis

10:32 f 2, 3 m (Ph.Ch.) " " "
R Tucanae

10:52 d 4, 3 e (C P S) " " "
R Octantis

11:10 h 1, 3 k. (Ph.Ch.) " " "

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1899phae.proj.1827W

Not copied
too indefinite

Oct. 6, 1902.

Following variables not seen or too faint for comparison:
R Lupi; R T, R W & R U Scorpii; R Telescopii, S Indi; R Columbae
R Piscis Austr.; R Indi; S & T Octantis. Wg. Obs.

L$_2$ Puppis

12 35. C 2, 2 d — m ε — Mm Cl

S Octantis

13 37 Var not seen; b not seen; h easily seen — 5 m — "

T Octantis.

14 30 Var not seen; m a t l r — " — "

L Carinae

14 34 C 2, 1 d — m. ε — " "

R R Carinae

14 39 C 2, 1 d — 5 m — "

S Carinae

15 34 C 3, 1 d — " — " "

Z Carinae

16 06 d 3, 1 e (phot. chart) — " — "

R Antliae

16 45 e 3, 3 f — " — " "

✓

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1899phae.proj.1827W

J.D. 6030

Tuesday, Oct. 7, 1902.

T Pavonis

7:43 e 2, 1 f (Ph. Ch.) 5 in. Wy. Obs.

ζ Pavonis

7:50 a 2, 2 b (CPS) " " "

R Lupi

8:04 k 3, 1 l + 13 in. " "

R T Scorpii

8:14 h 2, 3 k (Ph. Ch.) " " "

R U Scorpii

10:25 m 2, 4 n " " "

R Telescopii

10:46 k 3, 2 l " " "

ζ Trudi

10:55 var. not seen. k faintest comp. star. (Ph. Ch.) 13 in. " "

R Piscis Austr.

11:11 t 2, 1 u (t & u are new comp. stars plotted by obs.) " " "

R Trudi

11:29 g 2, 3 h " " "

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1899phae.proj.1827W

J.D. 6031 Wednesday, Oct 8, 1902
R. Columbia

14 14 f 3,3m 13 in Mn. Gk.

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1899phae.proj.1827w

J. D. 6037 Tuesday, October 14, 1902

S Sup

7 34 e2, 2 + 5m M. Ob

R Trian. Austr.

7 42 b1, 2c

R S Scorpii

8 00 d 2 var "e" not certainly

seen. Var near l.v (plot. required)

sky poor

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1899phae.proj.1827W

J.D. 6038 Wednesday, October 13, 1902

RR Scorpii

7	47	b 3,2 c	5 m	Mn	Ob
		R Pavonis			
8	01	b 3,4 c (Phot. chart)	"	"	"
		RV Sagitarii			
8	49	c 1,2 d (phot chart)	"	"	"
		S Pavonis			
9	08	b 2, 2 c	"	"	"
		T Pavonis			
9	26	e 2,3 f (phot. chart)	"	"	"
		RR Sagitarii			
9	46	a 3, 1 b	"	"	"
		RU Sagitarii			
10	03	d 3, 3 e (phot. chart)	"	"	"
		RT Sagitarii			
10	44	g 3, 1 h	"	"	"
		R Gruis			
11	00	d 3, 4 e (phot chart)	"	"	"
		T Gruis			
11	25	f 3, 3 g (phot chart)	"	"	"
		R Reticuli			
11	38	f 3, 2 g	"	"	"

comparison difficult on account of faintness

✓

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1899phae.proj.1827w

J.D. 6039 Thursday, October 16, 1902

R Horologii

10	05	a 2, 3 b	3 m	4 m	6 h
		R Doradus			
10	32	b 2, 3 m	"	"	"
		R Leonis			
10	55	a 2, 3 b	"	"	"
		R Pictoris			
11	46	c 3, 3 d	"	"	"

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1899phae.proj.1827W

J.D. 6044 Tuesday, October 24, 1902

S Coronae austr.

7 53 g1, Var 5 m Mr. Obs

R Coronae Austr.

8 00 d3,2e

S Sculptoris

9 22 c2,1d

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1899phae.proj.1827w

J.D. 6050 Monday, October 27, 1902

R Reticuli

10 44 p 2 var. 5 in Gr. Obs
both very faint
R Doradus

10 50 a 2, 1 b

R Leporis

11 08 b 2, 2 c
Sky hazy

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1899phae.proj.1827W

J.D. 60594 Monday, November 3, 1902

~~10 00~~ R Reticuli

10 00 Var = p both faint 3in. Ref. Obs.

R Doradus

10 42 a 3, 1 b

R Phoenicis

10 55 f 3, 2 g

R Coeli

11 06 b 2, 3 c

✓

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1899phae.proj.1827w

J.D. 6059 Wednesday, Nov. 5, 1902

T Gemi

9 56 var = 1 (phot chart) Shytazzy 5in Mn 6bo

S Gemi

10 23 h 3,3 k (phot. chart) " " " "

R Indi

11 00 C1, 4 d " " "

R Pictoris

11 24 b 3,1 g " " "

✓

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1899phae.proj.1827w

J.D. 6060 Thursday, November 6, 1902

R Sculptoris

10 16 a 3, 3 b 5 in Mn Clr

S Piscium

10 23 a 3, 2 b n ε " "

R Columbae

12:54 c 4, 2 d 5 in Wy "

S Puppis

13 X:21 c 4, 3 d " " "

R Carinae

13 X:41 f 3, 4 g " " "

S Carinae

13 X:47 var = e n ε " "

✓

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1899phae.proj.1827w

J.D. 6067 Thursday, November 13 1902

R V Sagittarii

9 06 Var = ~~b~~ k 5 in Mn Alk

comparison difficult on account of faintness and cloudiness of the sky

R Herculis

9 35 b1,3 c R 5 in " "

R Columbae

10 22±1 b2,1 c " " "

✓

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1899phae.proj.1827W

J.D. 6069 Saturday, Nov. 15, 1902

RV Sagittarii

8 53± f4 var. pht. chart 5in Gm Wk
variable very faint

RR Sagitarii

9 27 a3, 1b

RT Sagitarii

9 56 c3, 3d
T Aquarii

10 14 f4, 3g (pht chart)
S Aquarii

10 40 a1, 1b
S Sculptoris

11 03 B2, 3a

✓

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1899phae.proj.1827w

J. D. 6094 Monday, November 17, 1902

5 Carinal

13 41 a1, 2b 5 in Nm Cl

RR Carinal

14 04 d2, 4e " " "

Z Carinae

14 27 Var. not visible " " "

Too cloudy to continue

✓

See page 156

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1899phae.proj.1827w

Wednesday, November 18, 1902

J.D. 60/2

Z Centauri

14 2 35± Var seen only by glimpses 5m Mn 6bs

R Antliae

14 59 e 1, 3 f

U Centauri

15 15 var not seen
e near 1.2

R Centauri

14 09 var not certainly seen
too faint for comparn

T Centauri

16 13 Var 3 c

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1899phae.proj.1827w

J.D. 6077 Monday, November 23, 1902

R Indi

11 21 Van 2 e (sky hazy) 3 in Mn 6 b

✓

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1899phae.proj.1827W

J.D. 60779

Tuesday, November 25, 1902

S Coronae Austr.

7 24 e 2 Var 5 in Mn Obs

7 30 R Coronae Austr " " "
Var not seen. g & seen
R possibly glimpses

7 30 T Coronae Austr " " "
Var not seen. g seen
R possibly glimpses
R Telescopic

7 54 Var. not seen " " "
R (vis. seq.) weak l. v
R Minuscule

9 44 Var. not seen " " 1
g seen; R not seen
(phot. seq.) 1
S Grds

10 07 Var not seen " " "
g at l. v
(phot seq)
R Grds

10 35 d 3, 3 e (phot. seq.) " " "

✓

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1899phae.proj.1827w

J.D. 6080 Wednesday, Nov. 26, 1902

R Tucanae

13 19±1 k 2 var (phot. neg) 13 m Mr 6 b.
region low and comparison
difficult

R Octantis

14 30 d 1, 3 e (phot. neg) 5 m "

R Horologii

14 45 b 2, 3 c (Vis neg) "

R Columbae

15 58 b 2, 2 c (Vis neg.) "

√

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1899phae.proj.1827w

J.D. 6085 Monday, Dec 1, 1902

R Horologii

10 14 b 2, 3 c (vis. eq.) 5m Ym 6b

R Reticuli [11]

10 28 g 3, 3 k (vis eq.),

R Dolad

10 45 b 2, 3 c (vis

R outhern variable

10 48 c' 3, 3

Stars

11 14 c 2, 2

S

11 27 c 3, 2

April 25, 1899 —

Aug. 31, 1904

✓

—

[11] N[illegible] R Reticuli used.

It is [illegible] observations of this sta[illegible] made by me, the wrong star has been observed for the variable. The plotted chart was apparently in error.

E.S.M.

Comparison stars "ö" and "p" are probably not the same on the photographic chart as on the plotted chart! The others are the same.

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1899phae.proj.1827W

J.D. 6085 Monday, Dec 1, 1902

R Horologii

10 14 b 2, 3 c (vis. eq.) 5m Mn 6b
R Reticuli (11)

10 28 g 3, 3 k (vis eq.)
R Doladus

10 45 b 2, 3 c (vis eq)
R Caeli

10 48 c' 3, 3 d (vis eq)
R Pictoris

11 14 c 2, 2 d (vis eq)
S Puppis

11 27 c 3, 2 d (vis eq)
Stopped by clouds

✓

(11) New photographic chart for R Reticuli used.

It is probable that in previous observations of this star, at least in those made by me, the wrong star has been observed for the variable. The plotted chart was apparently in error.

E. S. M.

Comparison stars "o" and "p" are probably not the same on the photographic chart as on the plotted chart! The others are the same.

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1899phae.proj.1827w

Toledo, December 2, 1902

J.D. 6086

T Savoire

9 03 g 3, 1 b (phot neg) 5 in Mr. Clk
R Gruis

9 18 d 4, 3 e (phot neg)
R Indi

9 30 d 3, 2 e (vis neg)
S Gruis

9 43 e 2, 4 + (phot neg)
R Phoenicis

10 08 f 3, 3 g (Vis neg)
R Sculptoris

10 39 a 3, 3 b (Vis neg)
R Leonis

11 30 Var 3 + (Vis neg)

✓

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1899phae.proj.1827w

W Thurs., Dec. 4, 1902.

J.D. 6058

	l Carinae		
12:55	c 2, 4 d	N.E.	Wg. Obs.
	ι_2 Puppis		
13:02	b 3, 4 c	"	" "
	R R Carinae		
13:36	c 3, 1 d (Vis. Seq.)	5 in	" "
	R Antliae		
13:58	e 4, 4 f (vis. seq.)	"	" "
	S Carinae		
14:47	a 1, 2 b (vis. seq.)	"	" "
	Z Carinae		
14:57	var. too faint for comp.	"	" "
	U Antliae		
15:07	c 3, 4 e (C. Phot. Seq.)	"	" "
	R Columbae		
16:24	b 1, 2 c (vis. seq.)	"	" "

✓

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1899phae.proj.1827w

J.D. 6101 Wednesday, December 17, 1902

S Sculptoris

9 15 – B 1, 2 ? (Shy Hazy) 5 in Thin Alt.

∫

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1899phae.proj.1827w

J.D. 6106 Monday, December 22, 1902

S Octantis

9 37 e 4,1 f (chytony) 5 in Mm. Cbz
(Phot seq)

P Octantis

9 52 a 3, 2 b (vis. seq) 5 m " "

R Octantis

10 36 f 2, 0 g (Phot seq) " " "

R Centauri

15:57 m 2 var (p 2 m) (vis. seq) " Wy "

~~16:32~~ T Centauri

16:32 d 4, 5 f (Phot. Seq.) " " "

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1899phae.proj.1827w

J.D. 6107

Tuesday, December 23, 1902

R Columbae

9 18 C1, 3d (vis eq.) Fin — Mm — Ch —

R Phoenicis

9 38 e2, 2f (vis eq) * " " "

Rhy Boyy

~~10 46 C1, 3~~

R Horologii

10 46 C1, 3d (Vis eq) " " "

R Reticuli

11 18 d2, 3e (Vis eq) " " "

R Doradus

11 24 a3, 1b (Vis eq) " " "

S Puppis

11 38 b3, 1c (Vis eq) " " "

R [illegible] Leonis

11 44 var 3 f (Vis eq) " " "

* It is possible that previous to this date the wrong star has been observed for R Phoenicis. Recently a photographic chart of the region was made and the position of the variable determined by measurement from catalogue stars, and it found that the variable is not the star which it would seem to be judging from the plotted chart.

E. S. M.

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1899phae.proj.1827W

J.D. 6108

Wed., Dec. 24, 1902.

S Supi

16:10 e 2, 4 f (vis. seq.) 5 in. Wy. Obs.

R Triang. Austr.

16:24 b 1, 2 c (vis. seq.) " " "

✓

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1899phae.proj.1827w

J.D. 6114 Friday, January 2, 1903

S Grus

9 08 Var 1 b (phot seq)

R Phoenicis

9 19 d 2, 2 e (vis seq)

S Sculptoris

9 29 γ 3, 3 a (vis seq)

R Reticuli

9 45 d 1, 3 e (vis seq)

R Doradus

9 50 b 1, 3 c (vis seq)

R Pictoris

10 35 h 2, 3 d (vis seq)

R Columbae

13:10 c 4, 1 d (vis. seq.)

U Leporis

13:35 e 2, 5 e (vis. seq.)

R Antliae

13:58 a 4, 4 b (vis. seq.)

R R Caninae

15:00 c 3, 4 c (vis. seq.)

✓

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1899phae.proj.1827w

J.D. 6118 Saturday, January 3, 1903

T Gruis

9 13 C 2,3 d (phot seq) 5 vis Mn Abs
R Sculptoris

9 28 a 2,3 b (vis seq) " " "
R Horologii

9 39 C 3,3 d (" ") " " "
1 Carinae "

9 47 C 2,2 d (vis seq) m.e. " "
R Carinae

9 53 f 3,3 g (vis seq) 5 vis " "
L² Puppis

10 24 b 3,1 c (" ") m.e " "
S Puppis

10 53 C 1,3 d (vis seq) 5 vis " "
S Carinae

11 02 C 3,2 d (vis seq) " " "
Σ Carinae

11 33 Var seen but too faint for comparison " " "
S Octantis

12:57 e 3,4 f (phot. seq.) " Wy "
RV Centauri

14:37 d 1,5 e (phot. seq.) " " "
R Centauri

14:46 m 4,1 m (vis. seq.) " " "

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1899phae.proj.1827W

J.D. 6129 Wednesday, January 14, 1903

R Piscis Austr.

8 05 Var too faint for comparison; not 5m Mr. Alle
certainly seen; p easily seen

R Tucanae

8 16 Var. not seen; ε (phot. neg) near l.v " " "

R Leporis

12 02 f 1,2 g (no neg) " " "

✓

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1899phae.proj.1827W

Thurs., Jan. 13, 1903.

J.D. 6130

R Triang. Austr.

13:53 a 4, 3b (vis. seq.) 5" in Wy. Obs.
R T Scorpii

16:07 var. not seen, f by glimpses (pb. seq.) " " "
R S Scorpii

16:14 var. not seen, e by glimpses (pb. seq.) " " "
R R Scorpii

16:29 a 1, 2b (pb. seq.) " " "

✓

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1899phae.proj.1827w

J.D. 6132 Saturday, Jan. 17, 1903.

δ Sagit

14:13 c 3,3 e (ph. seq.) 5 in. Wy. Obs.

R. W. Scorpii

15:22 var. not seen, f at L.V. (ph. seq.) " " "

R Pavonis

16:45 var. not seen, h at L.V. (ph. seq.) " " "

✓

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1899phae.proj.1827w

J.D. 6135 Tuesday January 20, 1903

T Octantis

11 26 b1, 3c (ns vq) 5 in Mn Obs

R Octantis

11 42 g3, 3h (pht. seq) " " "

R Lupi

15 45 var. too faint for comp. (vis. seq.) k faintest comp. star seen. 5 in. Wy. Obs.

RU Scorpii

15 57 g2, 2h ~~(vis)~~ (ph. seq.) " " "

✓

Ledger

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1899phae.proj.1827w

Thursday, February 5, 1903

Very Hazy

J.D. 6151

R Leonis

16 13 h 1, 2 k (no reg) 5 in Obs. Calz

R Trian. Austr.

16 44 a 3, 2 b (no reg) " "

S Leonis

16 56 d 4, 1 E (no reg) " "

✓

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1899phae.proj.1827w

Monday February 9, 1903

J.D. 6155 · R Centauri
17 07 Var 2 p (m3 m2) 5 m 6h 12m

(There is a sheet sketch of the identification)

Daylight shows the sky to be nearly covered with thin cloud. The sky was probably unfit for work when the comparison was made.

✓

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1899phae.proj.1827w

J. D. 6157 Wednesday, Feb. 11, 1903

T Centauri

16 25 Var 4 C 5 in Mm Ch

R Pavonis

16 40 Var not seen; f seen only 5 m " "
by glimpses; e easily seen
(phot. rays)

RR Sagittarii

16 56 e, l f (vis rays) 5 m " "

✓

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1899phae.proj.1827w

J.D. 6158 Thursday February 12, 1903

R S Scorpii

16 38 Var ~~not seen~~ glimpses only 5 in Mm Cek

st (phot reg) near l.v

R V Sagittarii

16 47 Var not seen

nr st l.v (phot reg)

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1899phae.proj.1827w

J.D. 6162 Monday, Feb. 16, 1903

1 Carinae

8 10 ~~67~~ C3,2d m:e Mm Clr

RR Carinae

10 30 C4,1d (v's eq.). 5 in " ;

/

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1899phae.proj.1827W

J.D. 6165

Thursday, Feb. 19, 1903.

S Carinae

12:67 d 4, 2 e (vis. seq.) 5 in. Wy. Obs.

✓

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1899phae.proj.1827w

J.D. 6166 Friday, February 20, 1903

R Reticuli

9 35 g1,3 g (vis veq) 5 in Mr. Abr

R Doradus

9 44 a 2,2 b (vis veq) " " "

R Columbae

10 45 f 4,1 g (vis veq) " " "

R Octantis

12 50 l 4,2 m (ph. seq) " Wy "

L Octantis

14 00 e 4,4 f (vis. seq.) " " "

R Antliae

15 12 e 4,3 f (vis. seq.) " " "

α Centauri

15 54 d 5, 3 e (vis seq) " " "

I Carinae.

16 07 var. not seen. h at L.V. (Ph. Seq.) 5 in. Wy Obs.

/

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1899phae.proj.1827w

J.D. 6179 Thursday March 6, 1903

S learinae

10 51 C 2, 3 d (vis req) 5 in Abn Cobr

R learinae

11 11 1 2, 3 m (vis req) " " "

1 learinae

11 14 b 3, 2 c (vis req) m.e " "

L_2 Puppis

11 15 b 4, 3 c (vis req) " " "

R R learinae

11 53 C 3, 1 d (vis req) 5 m " "

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1899phae.proj.1827w

J. D. 6183

Monday, March 9, 1903.

U Centauri

15:47 f 1, 3g (vis. seg.) 5 in. Wy. Obs.

~~15:55~~ R Centauri

15:55 h 3, 4k " " " " "

R Antliae

16:14 d 3, 2é " " " " "

S Octantis

16:44 e 4, 2f " " " " "

/

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1899phae.proj.1827w

J.D. 6190 Monday, March 16, 1903

R Leonis

9 12 Very not certainly seen 3 in Mm Cobz
too faint for comparison

R Pictoris

9 26 e1,3f (vis neg.) " " "

✓

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J.D. 6200 Thursday, March 26, 1903

S leaving

11 23 b1, 2c 5m Mn Ceb

√

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1899phae.proj.1827w

J.D. 6203 Sunday, March 29, 1903

T Centauri

15 45 e 2,2 f (nis req) 5m Sm Ch

R Pavonis

16 24 e 2,3 f (nis req) " "

R V Sagittarii

16 37 Var = v (phot req) " "

both very faint and compare diffcult

~~16 57~~

S Pavonis

16 57 g 2,3 h (phot req) " "

S Pavonis

17 12 e 2,3 f (nis req) " "

Daylight shows the sky to be badly shaken with cloud. It was very likely unfit for work during the observation

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1899phae.proj.1827w

J.D. 6215 Friday, April 10, 1903

S Carinae

10 42 a 2,1 b (no neg) 5 min Mm Atz
(clouds near ⊙ possibly on region)

R Carinae

10 59 n 3,3 o (no neg) " "

R S Scorpii

11 32 g 2,2 h (no neg) " "

Skylight proto continued

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1899phae.proj.1827w

Saturday, April 11, 1903

J.D. 6216

R Leonis

7 50 Var not certainly seen (vis very) Est l.v. 5 in Mm Clk

R Piscium

8 47 Var not seen. Est "m" near l.v. " "

R Doradus

8 57 b2, 3c " "

R Centauri

9 25 d1, 3e (vis very) " "

S Puppis

9 37 c2, 3d (vis very) " " "

T Centauri

10 00 e4, 3f (vis very) " " "

R R Scorpii

16 18 Var seen but too faint for comparison " "

R Lupi

16 34 f2, 3g (vis very) " "

R Antliae

11 03 e3, 3f (") " "

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1899phae.proj.1827w

J. D. 6222 Friday, April 14, 1903.

S Carinae

13:42 a 2, 2 b (vis. seq.) 5 in. Wy Obs.

√

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1899phae.proj.1827w

J.D. 6230 Saturday, April 25, 1903.

U Centauri

10:31 var. not seen. k at L.V. (Ph. Seq.) 5m. Wy. Obs.

R ~~W~~ T Scorpii

10:54 var. not seen. h at L.V. " " " " "

/

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1899phae.proj.1827w

J.D. 623

Tuesday, April 28, 1903

~~12 53~~ Z Canum

12 53 Var. not seen. ij (no neg) seen by glimpses 5 in Mn Ch
(region low).

S Canum

10 02 a 2, 3 b (Vis neg) 5 in Mn Ch

U Centauri

13 39 Var. not seen " " "

✓

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1899phae.proj.1827w

J.D.6237

Saturday, May 2, 1903.

S Carinae

8:58 var = q (vis seqn) 5 in. 4½ y. Obs.

Sky hazy.

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1899phae.proj.1827w

J. D. 6239 Monday, May 4, 1903

T Centauri

13 49 Var 2 c (vis neg) 5in Mn Ak

R Centauri

14 04 b 4, 1c (vis neg) " " "

T Pavonis

15 02 b 2, 3 d (phot neg) " " "

S Pavonis

15 25 e 3, 2 f (vis neg) " " "

R Grus

15 46 Var not certainly seen
h easily seen (phot neg) " " "

S Grus

16 17 J 2, 2 h (phot neg) " " "

T Grus

16 40 b 5, 3 c (phot neg) " " "

R Pavonis

17 01 a 3, 2 b (vis neg) " " "

✓

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1899phae.proj.1827w

J.D. 6243 Friday, May 8, 1903

R Puppis

7 36 Var not seen 1 seen l.v. 5 in Mm Cb

R Doradus

7 42 b2, 3c (ns eq) 5 in Mm Cb

R Pictoris

7 56 c2, 2d (ns eq) " " "

L_2 Puppis

9 00 b2, 4c (ns eq) M-E " "

l Carinae

9 05 c3, 2d (ns eq) " " "

S Puppis

9 12 c2, 3d (ns eq) 5 in " "

R Carinae

9 27 n5, 3v (ns eq) " " "

RR Carinae

9 53 d2, 3e (ns eq) " " "

R Antliae

10 09 e3, 3e (ns eq) " " "

Z Carinae

10 30 Var not seen " " "

h (ns eq) at l.v

U Centauri

10 43 Var not seen " " "

h (Mm eq) at l.v

R S Scorpii

11 03 b4, 3c (ns eq) " " "

R T Scorpii

11 21 Var too faint for comparison " " "

probably seen

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May 8, 1903

J. D. 6243

R W Leavitt

11 45 Var not seen 5 in Mu Cet

Ledger

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J.D 62444

Saturday, May 9, 1903

R Cacli

7 09 Var not seen 5in Sm Glr
f ~~cont~~ easily seen
sj probably seen (vis req)

R Columbae

7 23 Var seen by glimpses " " "
too faint for comparison

RV Sagittarii

12 59 d 3,5 e (phot req) " " "

S Coronae Austr

13 23 ~~&~~ d 3,3 e (vis req) " " "

R Coronae Austr

13 30 d 2,3 e (vis req) " " "

T Coronae Austr

13 31 Var probably seen but too " " "
faint for comparison

RR Sagittarii

13 52 Var seen only by glimpses " " "
m ~~as~~ 1 x (vis req)

~~14 36~~

RV Sagittarii

14 36 C1, 4 d (vis req) " " "

R Telescopii

15 05 Var not seen

RT Sagittarii

16 01 Var not seen " " "

R Muscae

16 31 Var not seen " " "

Norbert Langer and Annemarie Duttlinger

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1899phae.proj.1827w

J. D. 6249 Thursday, May 14, 1903.

η Carinae

9:00 a 2, 3 b (vis, seq.) 5 in. Wy. Obs.

✓

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J.D. 6253

Monday, May 18, 1903.

δ Carinae

7:10 a 2, 3 b (vis. seq.) 5 in. Very. Obs.
R Octantis

7:32 var. not seen. m near L.V. (phs. seq.) 5 in. " "
δ Octantis

8:07 var. seen, but too faint for comp. (phs. seq.) " " "
l Carinae

8:26 b 4, 2 c (vis seq.) N.E. " "
δ Lupi

9:23 var. not seen. k at L.V. (phs. seq.) 5 in " "
I Octantis

10:00 var. too faint for comp; seen only by glimpses. " " "
R Trian. Austr.

10:05 a 4, 3 b (vis. seq.) " " "
R Lupi.

10:15 var. too faint for comp., seen only by glimpses " " " "
R R Scorpii

10:36 g 2, 1 h (phs. seq.) " " "
R W Scorpii

10:42 var. not seen. m at L.V. (phs. seq.) " " "
δ Indi

11:13 var. = a (vis. seq.) " " "

✓

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1899phae.proj.1827w

J.D. 6254

Tuesday, May 19, 1903.

S Puppis

7:39	c 4, 2 d (vis. seq.)		5m.	Wy. Obs.
	R Carinae			
8:00	n 4, 1 o	"	"	"
	R R Carinae			
8:10	d 2, 4 e	"	"	"
	R Antliae			
8:39	c 4, 2 d	"	"	"
	S Carinae			
8:56	var. too faint for comp. seen only by glimpses		"	"
	U Centauri			
9:07	var. too faint for comp.	"	"	"
	R Centauri			
9:24	c 2, 2 d (vis. seq.)		"	"
	R S Scorpii			
9:33	b 2, 2 c	"	"	"
	R T Scorpii			
9:39	var. not seen. k at L.V. (~~ve~~ ph. seq.)		"	"
	R W Scorpii			
9:49	var. not seen. h seen by glimpses (ph. seq.)		"	"
	R Pavonis			
10:04	b 3, 5 c (ph. seq.)		"	"
	R U Sagittarii			
10:11	c 1, 0 d (ph. seq.)		"	"
	S Coronae Austr.			
10:23	e 2, 4 g (vis. seq.)		"	"
	R Cor. Austr.			
10:26	var = d	"	"	"

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J.D. 6254

May 19, 1903.

T Cor. Au

10;26 var. too faint f

T Pavon

10;36 var. 2 a

S Pavon

10;43 var = f

T Cent

10;51 C 2, 3 d

R R Sagi

11;16 var. not seen.

R U Sagitt

11;22 C 3, 4 d (

R Teles.

11;30 var. not seen.

Wy. Obs.

34.4	11.3
81.0	103.8
115.4	115.1
57.7	57.6
54.2	
59.2	40.9
115.4	74.6
57.7	115.5
	57.8

7666

RADIACION SOLAR
de la Tarde

Estación de _____

Puesto _____ 1____ á las _____ M.

Cambiado _____ 1____ á las _____ M.

_____

Observador

SUR

Tip. Caceres, 9,032

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J.D. 6254

3.

T Cor. C

10;26 var. too faint — in. Wy. Obs.

" T Pavo

10;36 var. 2 a — " " "

S Pavo

10;43 var = f — " "

T Cen

10;51 c 2, 3d — " " "

R R Sag

11;16 var. not seen — " " "

R U Sag

11;22 c 3, 4d — " " "

R Tel

11;30 var. m — " "

S Lupi

R "

R T Scorpii

R Pavonis

T "

R R Sag

R U Sag

R Tel

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J.D. 6254 May 19, 1903.

T Cor. Austr.

10;26 var. too faint for comp. 5 in. Wy. Obs.
" T Pavonis

10;36 var. 2 a (ph. seq) " " "
S Pavonis

10;43 var = f (vis. seq.) " " "
" T Centauri

10;51 c 2, 3 d (vis. seq.) " " "
R R Sagittarii

11;16 var. not seen. m seen by glimpses (vis seq.) " " "
R U Sagittarii

11;22 c 3, 4 d (vis. seq.) " " "
R Telescopii

11;30 var. not seen. "m" seen by glimpses (vis. seq.) " " "

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1899phae.proj.1827w

J.D. 6255 Wednesday, May 20, 1903

S Octantis

13 51 Var not seen k (Potsd seq) at l.v 3 in M. Gb

T Octantis

14 15 Var not seen " "

S Gruis

14 36 Var not seen (k seen by Shapley (Potsd seq)
k easily seen

R Trianguli Austr.

14 46 a 2,3 b 5 in M. Gb

R Gruis

15 30 Var not seen (k seen by Shapley
not seq

RR Sagittarii

15 55 g 3,3 b (Potsd seq)

R U Sagittarii

16 23 Var ~~not certainty~~ seen " "
impossible to identify it with
certainty on account of
close star

S Gruis

16 38 Y 4,2 b (not seq)

R Phoenicis

17 17 Var seen but too faint for
comparison

✓

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1899phae.proj.1827w

J.D. 6257 Friday, May 22, 1903

R R Sagittarii

14 07 m 3,3 m (mi vag) 13 m Sm 6h

R Telescopii

15 08 h 3,3 k (phot vag) " " "

R Grus

15 34 Var not seen " " "

"m (phot vag) seen

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1899phae.proj.1827w

D.6258 Saturday, May 23, 1903

R Pisae Australis

16 05 m 3, 1 o (mi neq) 5 in Mn 6 b

R Indi

16 41 g 3, 3 4 (mi neq) " "

R Tucanae

16 54 b 3, 2 C (phot neq) " "

S Sculptoris

17 08 Var seen but too faint for comparison

R Sculptoris

17 22 c 2, 3 d (mi neq)

Ledger ✓

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1899phae.proj.1827w

J.D.6262 Wednesday, May 27, 1903.

Sbarinae

7:44 var. = b (vis. seq.) 5 in. Wy. Albz.

✓

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1899phae.proj.1827W

J.D. 6263 Thursday, May 28, 1903

R Horologii

17 15 h 2, 1 k (mean) 5 in Mn Gr

sky poor

✓

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1899phae.proj.1827w

J.D. 6264

Friday, May 29, 1903.

. U Centauri

9:59 k 4 var. (vis. seq.) Can see nothing fainter. 5 in. Wy. Abs.

R ~~T~~ Centauri

10:06 c 2, 3 d (vis. seq.) " " "

R Trijug Austr.

10:11 c 3, 4 d (vis. seq.) " " "

~~Comparison Stars for ~~$~~ Octantis~~

~~Comparison Stars for R Pavonis~~

Sky too hazy. Stars vary

✓

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1899phae.proj.1827w

J.D. 6265 Saturday, May 30, 1903

Comparison stars for S Puppis

7 12	a	4	b	5 in	Mn	6b.
	b	2	c			
	c	5	d	Rejected		
	d	3	e			
	e	2	f			
7 24	f	3	g			

Comparison stars for R Carinae

7 37	g	3	h	5 in	Mn	6b
	h	5	k			
	k	2	l			
	l	4	m			
	m	2	n			
	n	5	o			
7 53	o	3	p			

S Carinae

8 44	b	3,	c	5 in	Mn	6b

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J.D. 6265

May 30, 1903

Comparison Stars for S Carinae

8	51	a 2 b	5 in	Mn Gb
		b 3 c		
8	55	c 4 d	Copied	
9	15	d 4 e		
		e 4 f		
9	21	f 4 g	re-observe "g" ; possible mistake in identification	

Comparison Stars for RR Carinae

10	03	a 3 b	5 in	Mn Gb.
		b 3 c		
		c 2 d		
		d 4 e		
		e 3 $\underline{c}$		
10	26	$\underline{c}$ 3 f		
10	34	f 4 $\underline{d}$		
10	44	$\underline{d}$ 4 $\underline{e}$		

letter underlines denote stars of the photographic sequence

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J.D. 6267

Monday, June 1, 1903.

R Carinae

9:52 c 3, 3p (vis. seq.) 5 in. Wy. Obs.

l Carinae

9:55 c4, 3d " " N.E. " "

RR Carinae

10:09 d4, 4e " " 5 in. " "

R Antliae

10:16 e5, 4f " " " " "

S Carinae

10:22 c1, 3d " " " " "

Z Carinae

10:48 var. not seen. k " " at L.V. " " "

T Centauri

11:02 var 5 c. (vis. seq.). var. seen with N.E. with moon 6 days old.

R Centauri 5 in. Wy. Obs.

11:07 c 3, 2d (vis. seq.) " " "

R Triang Austr.

11:12 b2, 1c (vis. seq.) " " "

RU Scorpii

11:19 var. not seen. l (vis. seq.) at L.V. " " "

R Pavonis

11:26 b1, 2c (" ") " " "

T Pavonis

13 29 b 1, 5c 5 in Mt Hz

S Pavonis

14 00 f1, 5g (no seq)

S Pavonis

14 16 c 4, 5 d (phot seq)

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J.D. 6267 June 1, 1903

R Geminorum

14 33 Var not certainly seen 5 in Sy Gh
h early seen
Var or K seen by glimpses (phot eq)

R Piscium Austrini

15 11 o 2, 3 p (in eq) " " "

S Geminorum

15 30 l 1 var (phot eq) " " "

T Geminorum

15 45 b 4, 3 c (phot eq) " " "

R Indi

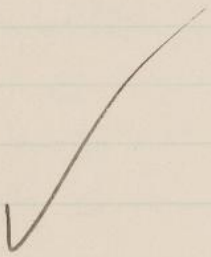
16 22 f 2, 2 q (in eq) " " "

R Phoenicis

16 39 h 2 var (in eq) " " "
both faint

R Tucanae

16 48 b 3, 2 c (phot eq) " " "



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J.D. 6268

Tuesday, June 2, 1903.

		Comp. Stars for S Puppis	F. Obs.
7	35	a 6 b	2"
		b 5 c	5"
		c 5 d	"
		d 3 e	"
		e 3 f	"
7	40	f 5 g	"
7	41	c 3, 2 d	"

Copied

		Comp. Stars for R Carinae	F. Obs.
7	50	f 8 g	2"
		g 5 h	"
		h 6 k	5"
		k 2 l	"
		l 6 m	"
		m 2 n	"
		n 5 o	"
7	58	o 5 p	"
8	00	o 3, 2 p	"

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J.D. 6268

June 2, 1903.

Comp. Stars for S Carinae. F. Obs.

8	05	a 5 b		2"
		b 6 c		2"
		c 6 d	Estimated	5"
		d 6 e		"
		e 5 f		"
8	11	f 6 g		"
8	13	c 3, 3 d		"

Comp. Stars for R R Carinae. F. Obs.

8	29	a 7 b	5 m
		b 5 c	"
		c 3 d	"
		d 6 e (a)	"
		d 4 f (b)	"
		b 3 c	"
		c 6 d	"
8	38	d 4 e	"
8	40	d 2.4 e (V.S)	"

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J.D. 6268

June 2, 1903.

		Comp Stars for R Centauri	F. Obs.
9	58	a 6 b	2"
		b 4 c	"
		c 5 d	"
		d 6 e	5"
		e 5 f	"
		f 3 g	"
		g 2 h	"
		h 6 k	"
		k 4 m	"
		m 5 p	"
		p 3 n	"
10	35	n 3 l	"
10	47	d 2, 4 e	"

		Comp Stars for R Trian Austr.	F. Obs
10	45	a 6 b	5 mi
		b 2 c	
		c 6 d	Reject
		d 5 f	
11	01	f 5 e	Mistake in identifying "e"
11	03	Var = b	

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J.D. 6268 June 2, 1903

R Yupi

13 38 Var not seen 5 in Mn Clr

Comparison Stars for R Yupii

13 42 a 4 b 5 in Mn Clr
b 5 c
c 2 d
d 3 e
e 3 f
14 01 f 5 g
other stars too faint for 5 in

R S Scorpii

14 .49 b 4,2 c very red. 5 in Mn Clr

Comparison Stars for R S Scorpii

14 53 a 3 b
b 5 c
c 5 d
d 4 e
e 4 f
f 2 g
g 3 h
15 13 h 1 k

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June 2, 1903.

J.D. 6268 Comparison Stars for RV Sagittarii

16 00 b 6 a — 5 in — Mm — 6h
a 2 c
c 2 ~~d~~ g
~~d 3 e~~
g 2 d
d 3 e
e 4 f
f 3 h
16 50 h 3 K.
Other stars faint for 5 m

RV Sagittarii

16 55 C1, 1g — 5 in — Mm — 6h

S Sculptoris

17 03 Variable only by glimpses — " — "

R Sculptoris

17 15 C 3, 4 d. — " — "

✓

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D. 6269

Wednesday, June 3, 1903.

Comp. Stars for S Puppis F. Observer

8	01	a & b	2 in
		b 4 c	5 in
		c 6 d	"
		d 3 e	"
		e 4 f	"
8	06	f 4 g	"

Lost

Comp. Stars for R Carinae F. Obs.

8	09	f & g	2 in
		g 6 h	"
		h 3 k	5 in
		k 3 l	"
		l 7 m	"
		m 3 n	"
		n 5 p	"
8	15	o 7 p	"

Comp. Stars for S Carinae.

8	17	a 7 b	5 in
		b 5 c	"
		c 7 d	
		d 6 e	
		e 5 f	
8	20	f 4 g	

Lost

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1899phae.proj.1827w

J.D. 6269

June 3, 1903.

Comp. Stars for R R Carinae. F. Obs.

8	27	a 7 b	5 in
		b 5 c	"
		c 5 d	"
		d 6 e	"
		e 5 f	"
		f 2 c	"
		c 5 d	"
5	33	d 5 e	"

Underlined = Phot. Seq.

Comp. Stars for R Centauri F. Observer.

8	37	a 5 b	2 in.
		b 5 c	"
		c 5 d	5 in
		d 6 e	"
		e 5 f	"
		f 4 g	"
		g 2 h	"
		h 6 k	"
		k 3 m	"
		m 5 p	"
		p 3 n	"
8	50	n 5 l	"

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1899phae.proj.1827W

J.D. 6269

June 3, 1903.

Comp. Stars for R Triang. Austr. E. Obs.

8	55	a 6 b	2 in
		b 4 c	5 in
		~~c 6 d~~	
		~~d 2 e~~	
~~9~~	~~02~~	~~e 5 f~~	
		c 4 e	5 in
		e 3 d	
9	06	d 5 f	
9	09	a 3,3 b	5 in.

Comp. Stars for R. S. Scorpii E. Obs.

10	29	a 5 b	5 in
		b 7 c	
		c 7 d=(a)	
		d 6 e=(b)	
		e 5 f	
		f 4 g	
		g 6 h=c	
		h 2 k=d	
		k 6 e	
10	39	b 2,3 c	5 in.

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1899phae.proj.1827w

J.D. 6269

June 3, 1903.

Comp. Stars for R V Sagittarii F. Obs.

10	54	b	3	a
		a	4	d
		d	2	c
		c	3	e
		e	0	g
		g	5	f
		f	5	h
		h	4	k
		k	5	l
		l	3	m
		m	3	n
11	07	n	3	o o at L.V.
11	08	Var = c		1

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1899phae.proj.1827w

D. 6269 June 3, 1903

S Trupe

14 44 Var not seen 5 in My Gh

R R Scorpii

14 59 f 2, 2 q (phot vg) " " "

R U Scorpii

15 10 Var. seen but too faint for comparison " " "

R W Scorpii

15 19 Var not seen " " "

S R Coronae Austr.

16 21 e 3, 2 q " " "

R Coronae Austr.

16 24 Var just seen but too faint for comparison " " "

T Coronae Austr.

16 24 Var just seen but too faint for comparison " " "

R R Sagittarii

17 05 Var not seen " " "

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1899phae.proj.1827w

J.D. 627/2 Saturday June 6, 1903

R Hoologyi

16 30 Var not seen 5 in Sky Clr

R Pictoris

17 13 d 2,2 c ~~5 in~~ vis neg

Region low

R Reticuli

17 19 Var not seen (region low) " " "

R Doradus

17 24 b 3,3 c (" ") " " "

Ledger

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1899phae.proj.1827W

J.D. 6289 Tuesday, June 23, 1903

Comparison Stars for S Puppis

~~2 14 a 3 b~~ Skys too hazy

U Centauri

8 42 Var not seen 5 in M2 6 b2

S Octantis

9 17 Var not seen " " "

T Octantis

10 21 Var seen but too faint for comparison

RU Sagittarii

10 36 e 3,2 f (Phot seq) " " "

R Telescopii

10 47 Var just seen but too faint for comparison " " "

RV Sagittarii

12:47 var. too faint for comp. " W4. "

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1899phae.proj.1827w

Monday, June 29, 1903

Comparison Stars for R Canum

J.D. 6295

7 15 f 4, g
g 4, h
h 5 K
K 2 l
l 5 m
m 2 n
n 5 o
7 24 o 3 p

Comparison Stars for R Trianguli Austr. 5 in Mn Gk

9 22 a 5 b
b 3 c
c 6 d
identification of e doubtful

R Muscae

11 58 d 2, 3 e (vis seq) 5 in Mn Gk
R Trianguli Austr.
14 50 a 4, 1 b (vis. seq.) " Wy. "
R S Scorpii
14 56 c 1, 4 d (vis. seq.) " " "
R R Scorpii
15 10 f 2, 3 g (vis. seq.) " " "
R T Scorpii
15 36 var. too faint for comp. " " "

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1899phae.proj.1827w

J.D. 6295

June 29, 1903.

R W Scorpii

15;43 var. not seen — 5 in. — Wy. Obs.

R U Scorpii

15;50 var. not seen — " — " — "

S Octantis

15;59 var. not seen — " — " — "

R Octantis

16;11 var. not seen — " — " — "

T Octantis

~16;32 d 4,2 e (vis. seq.) — " — " — "

R Pavonis

16;38 e 3,2 f (vis. seq.) — " — " — "

R V Sagittarii

16;42 b 2,4 c (ph. seq.) — " — " — "

S Coronae Austr.

16;48 g 2,2 k (vis. seq.) — " — " — "

R Coronae Austr.

16;52 g 1,3 k (vis. seq.) — " — " — "

T Coronae Austr.

16;52 var = k (vis. seq.) — " — " — "

✓

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1899phae.proj.1827w

J.D. 6296 Tuesday, June 30, 1903

Companion Stars for S Carinae

7	13	a 2 b	5 in	Mn	6b2
		b 4 c			
		c 6 d			
		d 4 e			
		e 5 f			
7	23	f 6 g	~~a 6 b~~ re-observe "g" possible multiple on identification		

Companion Stars for RR Carinae

7	42	a 4 b	5 in	Mn	6b2
		b 3 c			
		c 2 d			
		d 6 e			
		e 4 c			
		c 3 f			
		f 5 d			
8	03	d 5 e			

R Antliae

8	53	e 3, 4 e	5 in	Mn	6b

V Centauri

9	08	Var pub. not seen	"	"	"

T Centauri

9	19	e 1, 4 f (ns seen)	"	"	"

S Trianguli

9	48	Var not seen	"	"	"

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1899phae.proj.1827w

J.D. 6296 June 30, 1903

R Lupi

10 07 Var not seen 5 in Mn Gh

T Pavonis

10 27 f 3,4 q (phot. seq) " " "

S Pavonis

10 39 e 3,1 f (vis seq) " " "

R V Sagittarii

11 05 f 3,3 q (phot seq) " " "

R R Sagittarii

15 48 l 3,2 m (vis. seq.) " Wy. "

X Indi

16:11 d 3,3 e (" ") " " "

R Gruis

16:20 h 4,2 k (ph. seq.) " " "

R Piscis Austr.

16:32 q 1,2 n (vis. seq.) " " "

T Gruis

16:44 c 4,1 d (ph. seq) " " "

R Leoni

17:04 var. too faint for comp. " " "

R Columbae

17:10 var. not seen. l at L. V. (vis seq) " " "

√

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1899phae.proj.1827w

J.D. 6303 Tuesday, April 7, 1903

R Centauri

7 35 n 1, 3 v 5in Mi Gb

RR Carinae

7 50 d 2, 5 e (vis req) "

S Carinae

8 37 f 2, 4 g "

U Centauri

8 46 e 3, 3 f (vis req) "

R Triang. Austr

8 55 a 3, 3 v "

R Pavonis

9 19 e 4, van (vis req) "

transmitted by glimpses

R Centauri

9 34 d 2, 3 g "

η Pavonis

9 54 f 4, 3 g "

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1899phae.proj.1927W

J. D. 6304 Wednesday July 8, 1903

R S Scorpii

7 12 C 2, 3 d (vis rea) 5 in Sy. Cl.
R R Scorpii

7 25 d 4, 1 e (vis rea) " "
R Antliae

7 45 e 2, 1 e " "
R V Sagittarii

8 45 b 3, 6 c (Phot rea) " "
R R Sagittarii

9 03 Var. just seen but too faint " "
for comparison
S Pavonis

9 17 e 4, 0 f (Vis rea) " "
R V Sagittarii

9 21 Var seen but too faint for " "
comparis (faint than ✱ f [Phot rea]
R V Sagittarii

9 41 Var seen but too faint for comparis " "
R Grus

10 02 Var seen only by finder " "
R Pavonis Antliae

10 21 Var too faint for comparis "
just seen
S Gruis

10 43 Var seen only by finder " "

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1899phae.proj.1827w

J.D. 6307 Saturday, April 11, 1903

ζ Carinae

7 08 Van not seen 5 in Mn Gbr

Comparison Stars for ζ Carinae

7 14 a δ a
a 3 b
b 5 c
c 5 d
d 5 c
c 2 e

other stars too faint for comparison in 5 in

U Centauri

7 45 +2,2 q (no neg) 5 in Mn Gbr
comparison difficult on account of faintness

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1899phae.proj.1827w

J.D. 6312 Thursday, July 16, 1903

S Tauri

8 46 Var seen only by glimpses 5m Obs. Glk

R Tauri

8 53 Var not seen " " "

S Leonis Anstr

9 15 e 3, 2 g

(comparison stars too much affected by fainter)

R Leonis Anstr

9 53 e 2, 3 g " " "

T Leonis Anstr.

9 53 Var not seen " " "

S Pavonis

10 24 f 2, 3 g (vis var) " " "

RU Sagittarii

10 43 R 5 var (vis var) " " "

comparison stars too much affected by fainter

RU Sagittarii

11 12 Var seen but too faint for comparison " " "

R Piscis Austr.

11 23 Var seen but too faint for comparison " " "

RU Cancri

11 30 b 3, 2 c (photom) " " "

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1899phae.proj.1827w

J.D. 6313 Friday, July 17, 1903

S Octantis

9 04 Var not seen 5in Mn 6b

R R Sagittarii

9 37 13,3 m (vis seq)

R Telescopii

10 08 b 3,3 R (vis seq) " " "

R Microscopii

10 46 t2 var (vis seq)

"g" bir faint for comparison " " "

S Druhi

10 55 q 3 Var (phot seq)

b not seen on account of haziness " "

R Grus

11 14 b 2,3 b (phot seq) " "

Var R near b, 1

S Gruis

11 29 Var not seen "

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1899phae.proj.1827W

J. D. 6319

Thursday, July 23, 1903.

R T Scorpii

14:25 e 4, 3 f (phs. seq.) 5 in. Wy. Obs.

R W Scorpii

14:31 var. not seen " " "

R U Scorpii

14:37 var. not seen " " "

R Indi

15:00 g 2, 3 h (vis. seq.) " " "

R Phoenicis

15:10 var. not seen " " "

R Sculptoris

15:26 c 2, 3 d (vis. seq.) " " "

T Gruis

15:40 var = h. (vis. seq.) " " "

R Horologii

15:54 d 3, 4 e (vis. seq.) " " "

R Reticuli

16:11 var. too faint for comp. " " "

R Doradus

16:25 b 4, 2 c (vis. seq.) " " "

R Eridani

16:35 k 2, 2 l (vis. seq.) " " "

R Pictoris

16:55 f 2, 4 h (vis. seq.) " " "

R Columbae

17:02 var. not seen " " "

Ledger

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1899phae.proj.1827w

J. D. 6320

Friday, July 14, 1903.

T Octantis

13:01 b 4, 3 c (vis. seq.) 5 in. Wy. Obs.

R Octantis

13:25 var. not seen " " "

S Sculptoris

13:33 b 2, 4 m (plu. seq.) " " "

✓

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1899phae.proj.1827w

J.D. 6333 Thursday, August 6, 1903
R Orang Austr.

10 16 a 2,3 b 5 in Mn Abs
R Parsons

10 24 Var not seen " " "
J Parsons

10 33 Var not seen " " "
S Parsons

10 40 e 4,2 f (vis rep) " " "
RS Tompkins

10 50 d 4,3 e (vis rep) " " "

✓

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1899phae.proj.1627w

J.D. 6335 Saturday, August 6, 1903

E

T Centauri

7 42 a 3, 2 b (vs req) 5 in Mn Obs

R Centauri

7 54 e 2, 3 f (vs req) " " "

R R Scorpii

9 31 C 3, 2 ~~d~~ (vs req) " " "

✓

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1899phae.proj.1827W

J.D. 6347

Thursday, August 20, 1903

R Scorpii

10 44 d 4,1 e (vis seq) 5 in Mr Ch

R V Scorpii

10 57 Var. just seen but too faint for certain 5 in Mr Ch
identification

R V Sagittarii

11 05 b 5,4 C 5 in Mr Ch

S Gruis

11 29 Var not seen " " "

S Sculptoris

11 50 Var too faint for comparison " " "

S Coronae Austr.

13:31 g 2,4 k (vis. seq.) " W y. "

R Coronae Austr.

13:33 g 2,4 k (vis. seq.) " " "

T Coronae Austr.

13:37 var. = k (vis. seq.) " " "

R R Sagittarii

14:00 c 4,3' d (vis. seq.) " " "

R Telescopii

14:08 a 5,4 b (phs seq.) " " "

R W Sagittarii

14:22 var. not seen. k. (vis. seq.) at L.V. " " "

R T Sagittarii

14:38 g 2,2 h (vis. seq.) " " "

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1899phae.proj.1827w

J.D. 6347 Aug. 20, 1903.

R Microscopii

15;03	var. not seen	5 in.	Vy. Obs.	
	S Indi			
15;16	var. not seen	"	"	"
	R Gruis			
15;26	d 2, 4e (phot. seq.)	"	"	"
	R Piscis Austrini			
15;44	var. too faint for comp.	"	"	"
	S Gruis			
15;52	var. not seen	"	"	"
	T Gruis			
16;03	f 3, 2g (vis. seq.)	"	"	"

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1899phae.proj.1827w

J. D. 6355 Friday, August 28, 1903.

U Centauri

7:58 d 3, 4e (vis. seq.) 5 in. Wy. Obs.

R Indi

12:55 var. seen only by glimpses. " " "

R Phoenicis

13:12 h 1, 4k (vis. seq.) " " "

(h faintest star in seq. k lettered by Obs. & marked on ph. chart)

R Tucanae

13:24 g 3, 2k (ph. seq.) 5 in. Wy. Obs.

R Sculptoris

13:39 c 2, 4d (vis. seq.) " " "

R Horologii

13:51 c 1, 4d (vis. seq.) " " "

R Reticuli

13:59 k 2, 1l (vis. seq.) " " "

R Doradus

14:09 k 2, 2c (vis. seq.) " " "

R Caeli

14:20 f 2, 4g (vis. seq.) " " "

R Pictoris

14:48 c 2, 2d (vis. seq.) " " "

R Columbae

14:56 var. not seen " " "

R Octantis

15:55 m 2 var., 3 m (ph. seq.) " " "

(m faintest star in seq.) (m lettered by Obs. & marked on chart)

S Puppis

16:28 c 3, 1d (vis. seq.) 5 in. Wy. Obs.

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J.D. 6355 Aug. 28, 1903.

α & ζ Puppis

16;31 b 4, 3 e (vis. seq.) N.E. Wy. Obs.
l Carinae

16;34 c 2, 3 d (vis. seq.) " " "

✓

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1899phae.proj.1827w

J.D. 6358 Monday, Aug. 31, 1903.

S Octantis

14:51 f 3, 3g (ph. seq.) 5 in. 25 y. Obs.

T Octantis

15:18 b 3, 3c (vis. seq.) " " "

R Carinae

16:14 h 2, 3 k (vis. seq.) " " "

R R Carinae

16:28 c 1, 2d (vis. seq.) " " "

S Carinae

16:34 b 2, 2c (vis. seq.) " " "

T Carinae

16:40 var. not seen " " "

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1899phae.proj:1827w

J.D. 6361

Thursday, Sept. 3, 1903.

R Telescopii

13:12 a 4, 3 + (ph. seq.)

5 in. Wy. Obs.

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1899phae.proj.1827w

J. D. 6387 Tuesday, September 29, 1903

R Centauri

			5 in	Mn	Abs
7	38	e 2, 1 f			
		S Lupi			
7	54	f 3 var (vis req)	"	"	"
		R Trian Austr			
8	32	a 3, 3 b	"	"	"
		R S Scorpii			
8	49	g 3, 2 h (vis req)	"	"	"
		R R Scorpii			
9	28	a 3, 4 b (vis req)	"	"	"
		R T Scorpii			
9	44	a 5, 1 b (phot req)	"	"	"
		R U Scorpii			
9	56	Var not seen	"	"	"
		R Pavonis			
10	07	Var not seen	"	"	"
		R V Sagittarii			
10	22	f 2, 1 h (phot seq)	"	"	"
		S Coronae Austr			
10	30	Var too faint for comparison	"	"	"
		R Coronae austr			
10	36	Var too faint for comparison	"	"	"
		T Lyncis Austr			
10	36.	Var too faint for comparison	"	"	"
		U Pavonis			
10	54	Var not seen	"	"	"

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1899phae.proj.1827w

September 29, 1903

J.D. 6357

S Pavonis

11 01 Var = C (vis seq) 5m Mn 6b2
R R Sagittarii

11 15 Var = a (vis seq) " " "
R U Sagittarii

11 32 f 3, 3 g (vis seq) " " "
R T Sagittarii

11 42 a 1, 4 b (vis seq) " " "
R Gruis

13:18 b 2, 2 d (phs. seq.) " Wy. "
S Gruis

13:28 var. not seen " " "
S Indi

13:31 var. not seen " " "
R Piscis Austrini

13:35 var. not seen " " 1"
T Gruis

13:45 b 5, 1 c " " "
R Indi

13:53 var. not seen " " "
Sky too bad to continue.

✓

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1899phae.proj.1827w

J. D. 6402 Wednesday October 14, 1903

R. Pinxi Austr.

11 03 Vix not seen in M Cen

✓

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1899phae.proj.1827w

J.D. 6407 Monday, October 19, 1903

~~7 36~~

σ Persei

9 36 Van not seen 5m 8m 6m

S Persei

10 26 b2, 1c (via neg) " " " "

σ Octantis

10 46 Van not seen " " "

S Brni

11 35 Van not seen " " "

✓

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1899phae.proj.1827w

Tuesday, November 14, 1902

J.D. 60p2

S Octantis

9 21 Var. not seen 5 in Mr Cele
h = 0 l. v

T Octantis

10 04 d 4,2 e (vis. regions)

Copied

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1899phae.proj.1827w

J.D. 6408 Tuesday, October 24, 1903

9

R R Sagittarii

9 31 b 2, 3 c (ms neg) 5 m Sky Clr

R V Sagittarii

9 54 g 2, 3 b (ms neg) " "

R U Sagittarii

10 11 a 3, 3 b (ms neg) " "

R Geminorum

10 25 d 3, 4 t (Plateau) " "

Stopped by clouds

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1899phae.proj.1827w

J. D. 6414 Yerkes, October 26, 1903

R Phoenicis

12 0t a 2, 3 b 5 m 5m 6s

R Tucanae

12 1t Van Biesbroeck best two
stars for comparison
S Sculptoris

12 2t Y 3, 3 a
R Sculptoris

12 4t b 2, 2 c " " "

ledger.

✓

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1899phae.proj.1827w

A.D. 6431

Thursday, November 12, 1903.

l Carinae

13:07 b 3, 2c (vis. seq.) N.E. Wg. Obs.

R Carinae

13:13 g 2, 3h (vis. seq.) 5 in. " "

S Carinae

13:18 d 1, 2e (" ") " " "

Stopped by clouds.

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1999phae.proj.1827w

D. 6438 Thursday, November 19, 1903

R Geminis

9 0 f 2, 3 g Phot. neg. 5 m Mr Cobb
R Piscium Austr.

9 21 Var not seen " " "
S Geminis

9 50 Var not seen " " "
T Geminis

10 21 Var = d Phot. neg " " "
R Phoenicis

10 56 B 2, 2 a " " "
R Tricarinae

11 36 / 12 24 Var. faint and identification uncertain " " "
S Sculptoris

11 44 a 3, 0 B " " "
R Sculptoris

13 : 11 b 1, 2 c (vis. seq.) " Wy. "
Z Carinae

14 : 16 f 2, 3 g (vis. seq.) " " "

✓

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1899phae.proj.1827w

Saturday

J.D. 6461 ~~Thursday~~, December ~~11~~ 12, 1903

R Phoenicis

9 56 a 3, 2 b — 5 in — Sm — 6 b

R Tucanae

10 04 Vertex faint for comparison — " — " — "

S Sculptoris

10 51 B1, 5 a (in region) — " — " — "

R Sculptoris

11 14 a 3, 4 b — " — " — "

R Retinalis

11 33 m 2, 3 m — " — " — "

R Doradus

11 36 Var = b — " — " — "

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1999phae.proj.1827W

B. D. 6489 Saturday, January 9, 1904

S Sculptoris

9 34 γ 2, 3 a (vis neg) 5 in Sm Cl
R Sculptoris

9 44 a 2, 5 b " " "
R Horologii

9 54 b 5, 1 c (vis neg) " " "
R R eticuli

10 04 Variable faint for comparison " " "
just north
R Doradus

10 07 b 1, 4 c " " "
R Pictoris

10 41 d 3, 1 e (phot neg) " " "
L_2 Puppis

10 44 b 4, 3 c vis neg " "
l Carinae

10 52 d 2, 2 e " " "
S Puppis

11 00 c 2, 3 d 5 in " "
R Carinae

11 08 l 3, 3 m " " "
RR Carinae

11 32 d 3, 3 e (vis neg) " " "
R Antliae

11 49 e 3, 2 e' " " "
S Carinae

12 02 b 2, 2 c " " "

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1899phae.proj.1827w

January 9, 1904

R Columbae

13 11 var = g (wi neg) 5 in Sm 6h
comparison difficult on
account of faint star
R Leporis

13 57 Var = g wi neg,
J Centauri

14 17 d 2, 2 l wi neg
R Centauri

15 24 d 3, 3 l wi neg
R Trianguli Austr,

15 43 a 2, 2 b wi neg

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1899phae.proj.1027W

J. D. 6494 Thursday January 14, 1904

R Phoenicis

5 50 e 2,2 + (ms neg 5m Mn Clr

Skippers by clouds

Z Carinae

13 21 Var not seen 5m Mn Clr

V Centauri

13 33 Var not seen " " "

S Gruis

14 54 Var seen but too faint for comparison

R Gruis

15 24 Var not seen " "

RS Gruis

15 40 Var = C (Phot neg)

RR Gruis

16 00 Var. seen but too faint for comparison 5m Mn Clr

RT Gruis

16 31 Var not seen " "

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1899phae.proj.1827w

J.D. 6496 Saturday, January 16, 1904

R Indi

9 06 f 3, 3 g (vis neg) 5 m 5 m 6 h

R Tucanae

9 41 Var not seen " " "

R Octantis

10 10 d 1, 2 e (phot neg) " " "

R W Scorpii

15 48 Var seen but too faint for comparison " " "

R U Scorpii

16 01 e 1, 2 + (vis neg) " " "

R Paonis

16 17 a 3, 2 b " " "

S Octantis

16 28 Var not seen " " "

Ledger

✓

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1899phae.proj.1827w

D.D. 6514 Wednesday, February 3, 1904.

l Carinae

10:06 c 3, 2 d (vis. seq.) N.E. Wg. Obs.

R Carinae

10:10 n 2, 3 o (vis. seq.) 5 in " "

R R Carinae

10:20 d 1, 3 e (vis. seq.) " " "

R Antliae

10:31 d 1, 2 e' " " " " "

S Carinae

10:38 var = a " " " " "

✓

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1899phae.proj.1827w

J.D. 6515 Thursday, February 4, 1904.

(Sky poor)

R Sculptoris

7:46 a 3, 2 b (vis. seq.) 5 in. Wy. Obs.

S Sculptoris

8:14 a 1, 2 b (vis. seq.) " " "

R Horologii

8:26 c 4, 2 d " " " " "

R Reticuli

8:33 var. not seen — " " "

R Doradus

8:37 b 1, 4 c (vis. seq.)

b_2 Puppis " " "

8:46 a 2, 3 b " " " " "

S Puppis

8:58 c 3, 1 d " " " " "

Z Carinae 1

9:04 var. not seen " " "

Stopped by clouds.

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1899phae.proj.1827w

J.D. 6557 Thursday, March 17, 1904

S Puppis

9 33 C 1, 3 d — 5 in — Sky — Good

L2 Puppis

9 36 C 3, 1 d — n.e. — " — "

1 Carinae

10 04 d 1, 2 e — " — " — "

R Carinae

10 12 ~~mm~~ 4, 3 v — 5 ins — " — "

RR Carinae

10 44 d 3, 4 e — " — " — "

S Carinae

11 35 b 2, 2 c — " — " — "

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1999phac.proj.1827w

J.D. 6558 Friday March 18, 1904

Z. Carinae

10 12 Var seen only by glimpses 5m Mn Cl

U Centauri

10 59 d 5,3e

T Centauri

11 07 d 2,2e

R Centauri

11 33 h 2,2 p

S Octantis

13:16 var. not seen. " Wy. "

T Octantis

13:27 b 2,4c (vis. seq.) " " "

R Octantis

13:45 l 4,2m (phot. seq.) " " "

S Supi

14:17 var. not seen " " "

R Triang. Austr.

14:40 a 3,2b (vis. seq.) " " "

l Carinae

15:45 c 3,2d N.E. " "

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1899phae.proj.1827w

J.D. 6568 Monday, March 20, 1904

Comparison stars for S Puppis My 6h
My Hazy

9	50	a	5 b	5 ms
		b	3 c	"
		c	5 d	"
		d	4 e	"
		e	4 f	"
9	54	f	4 g	"

Comparison stars for U Centauri

10	15	a	5 b	Fb	My 6h
		b	3 c	5 ms	
		c	3 d	"	
		d	2 x	"	
		x	5 e	"	
		e	6 f	"	
		f	6 g	"	
		g	1 f_2	"	
		f_2	A^1 g	"	
		g	1 h	"	
10	40	h	5 b		

R Trianguli Austr.

11	25	6	1, 4 C	5 m	My 6h

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1899phae.proj.1827w

J.D. 6571 Thursday, March 31, 1904

R Anthal

13 11 e2, 3e' 5m Mn 6b

RS Scorpii

14 18 a2, 3b " " "

RR Scorpii

14 44 f 3, 2g " " "

R Pavonis

15 20 Var not seen " " "

Stopped by clouds

Ledger

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1899phae.proj.1827w

J.D. 6578

Thursday, April 2, 1904

~~Los Cruces~~

R Carinæ

~~14~~ ~~29~~ m 5, 2 v 5m Mn Obs
13 25

U Centauri "

~~14~~ ~~56~~ d 5, 1 ε'. T Centauri "
13 54

~~15~~ ~~01~~ e 1, 4 f. R Centauri "
14 04

~~15~~ ~~22~~ h 4, 1 k "
14 ~~20~~ 18 R Crucis Austr. "

~~16~~ ~~01~~ a 2, 2 b "
~~16~~ 04
15

✓

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1899phae..proj..1827W

J.D. 6579

Friday, April 8, 1904.

	S Puppis			
10:19	c 4, 1 d &	5 in.	Wy. Obs.	
	R R Carinae			
10:44	d 3, 2 e	"	"	"
	R Antliae			
11:05	d 1, 4 e	"	"	"
	S Carinae			
11:10	d 3, 1 e	"	"	"
	I Carinae			
11:23	var. seen only by glimpses.	"	"	"
	S Lupi			
11:31	var. not seen	"	"	"

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1899phae.proj.1827w

J.D. 6580

Saturday, April 9, 1904.

R Lupi

10:06 var. not seen 5in. Wy. Obs.

~~10:14~~ R S Scorpii

10:14 var. = a " " "

R R Scorpii

10:22 f 4, 2 g " " "

R T Scorpii

10:28 var. not seen " " "

R W Scorpii

10:40 var. not seen " " "

R U Scorpii

10:53 h 1, 3 k " " "

R Pavonis

11:01 var. not seen " " "

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1899phae.proj.1827w

J.D. 6582 Monday, April 11, 1904.

R V Sagittarii

14:05 e 2, 1 f 5 in. Wy. Obs.
S Coronae Austr.

14:27 g 2, 3 k " " "
R Coronae "

14:30 g 3, 2 k " " "
T Coronae "

14:30 var. = k " " "
T Pavonis

14:38 var. not seen " " "

✓

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1899phae.proj.1827w

J.D. 6584

Wednesday, April 13, 1904.

	δ Octantis			
9:36	var. not seen	(Region hazy)	5in.	Wy. Obs.
	R Octantis			
9:55	l 3, 2m	" "	"	" "
	S Puppis			
10:00	c 3, 2d		"	" "
	L_2 Puppis			
10:07	d 1, 3e		N.E.	" "
	R Carinae			
10:10	~~N~~ 4, 2s		5in.	" "
	l Carinae			
10:13	var. = d		N.E.	" "
	RR Carinae			
10:20	d 4, 1e		5in.	" "
	R Antliae			
11 21	e 2, 4d		"	Mr "
	S Carinae			
11 27	e 2, 4f		"	"
	R Centauri			
11 38	k 2, 3l		"	"

✓

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1899phae..proj..1827W

J.D. 6589 Monday, April 18, 1904.

	δ_2 Puppis			
9:28	c 2, 3 d	N.E.	Wy. Obs.	
	ι Carinae			
9:34	d 2, 2 e	"	"	"
	ζ Carinae			
9:56	var. not seen	5 in.	"	"
	U Centauri			
10:11	d 4, 2 e	"	"	"
	T Centauri			
10:24	c 1, 2 d	"	"	"
	λ Lupi			
10:32	var. not seen	"	"	"
	R Triang. Austr.			
10:36	a 3, 1 b	"	"	"
	R Lupi		1	
11:04	var. seen only by glimpses	"	"	"
	R λ Scorpii			
11:09	a 1, 4 b	"	"	"
	R R Scorpii			
11:14	f 4, 2 g	"	"	"
	R T Scorpii			
11:18	var. not seen	"	"	"
	R W Scorpii			
11:21	var. not seen	"	"	"
	R U Scorpii			
11:26	h 1, 3 k	"	"	"
	R Pavonis			
11:35	var. not seen	"	"	"

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1899phae.proj.1627w

J. D. 6589

Apr. 18, 1904.

R V Sagittarii

11 40 e 2, 1 f — 5 in. Wy. Obs.

S Pavonis

13 42 e 1, 3 f — " Mm 62

R R Sagittarii

13 58 Var. not seen — " "

R U Sagittarii

14 30 Var not seen — " " "

R Telescopii

14 54 Var seen but too faint for comparison — " " "

R U Sagittarii

15 15 Var seen only by glimpses — " " "

R Muscae Bor.

16 02 e 3, 2 f — " " "

S Indi

16 14 b 3, 3 c

T Octantis

16 37 b 4, 2 c — "

R Gruis

17 12 Var not seen — " " "

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1899phae.proj.1827w

J.D. 6590 Tuesday, April 19, 1904

R Retinli

7 33 Var. not seen 5 in Mm Obs

R Draconis

7 37 b 2, 3 c

~~7 54~~ R Cassi

7 51 Var not seen

R Pictoris

8 01 d 2, 2 e

R Columbae

8 11 Var. not seen

✓

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1899phae.proj.1827m

J.D. 6591 Wednesday, April 20, 1904

Comparison Stars for R Carinae

9	03	f 5 g	finder	Sm	6h
		g 3 h	5 in	"	"
		h 6 k	"	"	"
		k 2 l	"	"	"
		l 4 m	"	"	"
		m 3 n	"	"	"
		n 6 o	"	"	"
9	09	o 2 p	"	"	"

Comparison stars for Z Carinae

9	22	a 2 b	5 m	Sm	6h2
		b 5 c			
		c 5 d			
		d 5 ε			
		ε 4 x			
		x 2 f			
9	39	f 6 g			

h o k too faint for observation

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1899phae.proj.1827w

J.D. 6591 Comparison Stars for U Centauri

9 49 a 4 b 5 in Nr 662
b 3 c
c 5 d
d 6 e
e 5 x
x 3 e
e 5 f
f 4 g
g 4 h

10 15 h, k & z too faint for observations

Comparison stars for R Centauri

10 30 a 3 b
b 4 c
c 3 d
d 4 e
e 4 f
f 2 g
g 4 h
h 5 k
k 3 m
m 4 l
l 4 p
10 59 p 2 m

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1899phae.proj.1827M

J.D. 6592

Thursday, April 21, 1904.

	S Octantis		
15:04	var. not seen	5in.	Wy. Obs.
	R Octantis		
15:22	l 2, 2 m	"	" "
	T Octantis		
15:49	b 3, 2 c	"	" "
	S Coron. Austr.		
15:54	g 1, 2 k	"	" "
	R Coron. Austr.		
15:56	g 2, 1 k	"	" "
	T Coron. Austr.		
15:56	g 2, 1 k	"	" "
	T Pavonis		
16:01	var. not seen	"	" "
	S Pavonis		
16:09	c 3, 2 d	"	" "
	R R Sagittarii		
16:15	var. not seen	"	" "
	R U Sagittarii		
16:23	var. seen only by glimpses	"	" "
	R Telescopii		
16:46	var. seen only by glimpses	"	" "
	R T Sagittarii		
16:56	var. too faint for comparison	"	" "
	R Microscopii		
17:18	x 2, 2 y	"	" "
	S Indi		
17:24	c 2, 3 d	"	" "

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1899phae.proj.1827w

J.D. 6592 Apr. 21, 1904.

R Gruis

17h 5m:30 var. seen only by glimpses 5 in. Wy. Obs.

R Piscis Austr.

17h 5m:36 var. not seen " " "

T Gruis

17h 5m:55 h 1, 2 k " " "

S Gruis

18h 6m:01 h 2, 1 k " " "

R Indi

18h 6m:07 var. not seen " " "

R Phoenicis

18h 6m:20 var. not seen " " "

R Tucanae

16:31 Y 5 var. 3 a. " " "

S Sculptoris

16:43 f 3, 2 g " " "

✓

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1899phae.proj.1827M

J.D. 6598. Wednesday, April 27, 1904

Comparison stars for L_2 Puppis

7	44	a	4	b	m. ε Mn. 6b2
		b	6	c	"
		c	4	d	f. g. f. 5
		d	3	ε	" " 5
		ε	3	f	" " 7
8	03	f	4	g	" " 11

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1899phae.proj.1827w

J.D. 6599 Thursday, April 20, 1905

Comparison Stars for ℓ Carinae

7 40	a 6 b	n E.	Mn	Ge
	b 3 c	"	"	"
	c 4 d	"	"	"
	d 2 e	"	"	"
	e 3 f	"	"	"
7 44	f 4 g	"	"	"

Comparison stars for P Centauri

	&	
8 28	a 4 b	
	b 4 c	
	c 3 x	
	x 2 d	
	d 5 e	
	e 5 f	
	~~f 5 g~~	f 5 f_2
		f_2 2 g
	g 1 y	
	~~y~~ 1 h	
8 44	h 7 h	

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1899phae.proj.1827w

J. D. 6600

Friday. April 29, 1904.

8 · 35 Comp. Stars for R Arithae. F. Obs.
a 6 b 4 c 7 d 4 e 5 e' 6 f 5" mich

8 · 55 Comp. Stars for L 2 Puppis
N. E F. G
a 6 b 8 c 5 d 5 e 4 f

9 · 05 Comp. Stars for L Carinae.
a 8 b 6 b' 3 c 4 d 6 e 4 f 4 g 7 h N. E

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1899phae.proj.1827w

J.D. 6601

Saturday April 30, 1904.

Comp. Stars for L Carinae — F. Obs.

9.30 a 7 b 5 b' 4 c 6 d 5 e 6 f 7 g 7 h — N.E

Comp. Stars for R. Antliae

8.00 a 6 b 4 c 5 d 6 e 6 e' 7 f — 5 inch

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1899phae.proj.1827w

J.D. 6603

Monday, May 2, 1904.

Comp. Stars for U Centauri — F. Obs.

10 : 15 a 7 b 6 c 5 d 8 e' ~~7 e~~ 5 f 2 g 5 h 5 f 3 g 5 y — 5 inch.

moon too bright to continue

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1899phae.proj.1827w

J.D. 6606 Thursday, May 5, 1904

L2 Puppis

8 35	b 3, 2 c	l Carinae	m. e.	Mn. Ob
9 06	b 4, 2 c	R Octantis	"	" "
10 06	Var not rem.	R Carinae	5 min	" "
10 12	l 5, 3 m	R R Carinae	"	" "
10 31	d 4, 3 e	R Antliae	"	" "
11 08	e 3, 4 e'	S Carinae	"	" "
11 16	e 3, 3 f	Z Carinae	"	" "
11 31	Var. not rem		"	" "

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1899phae.proj.1827w

J.D. 6608 Saturday, May 7, 1904

U Centauri

10 07 ~~e' 4,~~ e' 3, 4 e 5 m Mn 6 k

R Centauri

10 25 m 3, 4 y " " "

S Lupi

10 40 Var not seen " " "

R Triang. Austr.

11 19 a 2, 3 b " " "

R Pavonis

11 33 Var not seen " " "

~~R S Scorpii~~

~~10 12 b 2, 4 c~~ " " "

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1899phae.proj.1827w

J.D. 66~~09~~10 Monday, May 9, 1904

R Reticuli

7 20 ~~19~~ Var to faint for comparison 5in Mn Cl

Region low

R Doradus

7 23 ~~22~~ Var = b "

T Centauri

8 09 a 5, 2 b "

Var. visible to naked eye

S Puppis

9 05 c 3, 3 d "

R Lupi

9 21 Var. not seen "

R S Scorpii

10 12 b 2 4 c "

R R Scorpii

10 24 d 5, 3 e "

R U Scorpii

10 34 Var not seen "

T Pavonis

~~S.T.~~ ~~13:12~~ ~~16:22~~ var. not seen " Wy. "

S Pavonis

13:17 ~~16:27~~ var. = f " " "

R R Sagittarii

~~13:25~~ ~~16:35~~ var. not seen " " "

R U Sagittarii

13:35 ~~16:45~~ var. too faint for comp. (fainter than "k") " " "

R Telescopii

13:40 ~~16:50~~ var. not seen " " "

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J.D. 6610

May 9, 1904.

R T Sagittarii

14;35 m 2, 1 l — 5 in. Vy. Obs.

R Microscopii

14;48 e 3, 2 g (f not seen) — " " "

S Indi

14;55 e 2, 3 d — " " "

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J.D. 6627 Thursday, May 26, 1904

R Geminis

14 54 Var. not seen 5 in Mn 6h

R Pisces Austr.

15 06 Var not seen " " "

U Geminis

15 27 f 4,3 g " " "

S Geminis

15 43 Var. too faint for comparison " " "

R Draco

16 17 Var not seen " " "

R Phoenicis

16 44 f 2,2 g " " "

R Cancri

16 54 d 3,1 e " " "

S Sculptoris

17 03 Var. at 1. r.; too faint for comparison " " "

R Sculptoris

17 17 b 2,3 c " " "

R Hydrae

17 25 Var not seen " " "

ledger ✓

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1899phae.proj.1827W

J.D. 6628 Friday, May 27, 1904

RW Scorpii

10 19 Var. not seen 5in Mn 6h

RV Scorpii

10 25 Var. not seen " " "

RV Sagittarii

10 33 b 5, 4c

S Coron. Austr.

10 44 Var not seen " " "

R Coron. Austr.

10 44 Var not seen " " "

T Coron Austr.

10 44 Var not seen " " "

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1899phae.proj.1827w

J.D. 6631 Monday, May 30, 1904

Comparison stars for 1 Canum
n. e. Mn 6½

7 44 a 5 b 3 b' 3 c 4 d 3 e 2 f 3 g 4 h

Comparison stars for R. Trang. Austr.
5 in Mn. 6½

8 56 a 5 b 3 c 6 d 6 f

Comparison Stars for R Antliae
5 m Mn 6,6

9 16 a 3 b 4 c 7 d 2 e 4 e' 3 f

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1899phae.proj.1827W

J.D. 6632 Tuesday May 31, 1904 F. Obs.

Comparison Stars for T Centauri.

7.04 a 6 b 4 c 6 d 2 x 5 ε 6 f ~~6 f 2 6 g 4 h~~

Finder f 2 6 y 4 f 2 3 g 4 h 5 k 5 inch

Comparison Stars for α Centauri.

7:36 a 5 b 5 inch

~~b~~ b 6 c " "

c 5 d " "

d 7 ε' " "

ε' 5 x " "

x 6 ε " "

ε 5 f " "

f 5 y " "

y 3 g " "

g 5 h " "

h 3 g " "

7:48 g 4 h h seen by glimpses

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1899phae.proj.1827w

J.D. 6632

May 31, 1904.

Comparison Stars for R Carinae.

7:56	a 4 b	3" with	
	b 5 c	"	"
	c 5 d	"	"
	d 6 e	"	"
	e 6 x	"	"
	x 3 f	"	"
	f 5 g	"	"
	g 5 h	"	"
8:01	h 4 k	h and k seen by glimpses.	

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1899phae.proj.1827w

J.D. 6633

Wednesday, June 1, 1904. Ft. Obs.

Comparison Stars for T Centauri.

7:00 a 6 f 2 inch
f 4 c " "
c 5 d 5 inch
d 3 x " "
x 5 ε " "
ε 6 j " "
j 7 y " "
y 2 y^2 " "
y^2 3 g " "
g 3 h " "
7:11 h 6 k " "

Comparison Stars for U Centauri.

7:14 a 6 f 2 inch
f 4 c " "
c 6 d 5 inch
d 6 ε' " "
ε' 5 x " "
x 5 ε " "
ε 5 f " "
f 4 y " "
y 3 g " "
g 3 h " "
h 4 z " " faint
z 5 k " " "

7:26 f 3, 2 g

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1899phae.proj.1827w

J.D. 6633 June 1, 1904. P. Obs.

Comparison Stars for Z. Carinae

7:34 a 5 b 5 inch
b 6 c " "
c 5 d " "
d 6 ε " "
ε 5 χ " "
χ 3 f " "
f 5 g " "
g 4 h " " faint
7:39 h 5 k " " "

Comparison Stars for S Lupi

8:01 a 7 b five inch
b 8 c " "
c 4 d " "
d 4 χ " "
χ 4 ε " "
ε 6 f " "
f 5 y " "
y 6 g " "
g 6 e " "
8:11 Variable equals 3. 10th at L. S.V.

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1899phae.proj.1827w

200

D. 6633

June 1, 1904. Fr. Obs.

Comparison Stars for R Lupi.

8:16 ~~a 7 b~~
a 8 b 5 inch
b 7 c " "
c 4 d " "
d 6 e " "
e 5 f " "
f 5 g " "
g 6 h " "
~~h 3 b~~ " "
~~b~~ l and m are too faint to estimate.

8:22 Variable equals g.

Comparison Stars for R R Scorpii.

8:31 a 5 b 5 inch
~~b 7 x~~ " "
~~x 5 c~~
b 4 c " "
~~c 5 x~~
c 3 d " "
d 2 x " "
x 5 e " "
e 2 f " "
f 8 y
y 4 g " "
~~g 5 b~~ " "
~~b 6 k~~ " "
k 3 l " "
8:46 l 3 z " "

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1899phae.proj.1827w

J.D. 6633

June 1, 1904.

8:48

6062 R R Scorpii
variable equals 4.

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1899phae.proj.1827w

J.D. 6634

Thursday, June 2, 1904. F. Obs.

Comparison Stars for S Lupi.

7:24 a 6 b 5 inch
b 6 c "
c 5 d "
d 4 x "
x 3 e "
e 6 f "
f 6 y "
y 6 g "
g 5 z "

7:32 Var. = z both at L.V.

Comparison Stars for ~~R R Scorpii~~. ~~S Octantis~~.

8:28 a 6 b 5 inch
b 5 c "
c 7 d "
d 4 x "
x 6 e "
e 4 f "
f 7 y "
y 2 g "
g 6 z "
z 7 k "
k 12 l "

8:41 l 2 y "

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grades

J.D. 6634

June 2, 1904

Comparison Stars for R T Scorpii.

8:47

a 6 b
b 4 c
c 3 x
x 6 d
d 4 y
y 0 e
e 3 f
f 3 g
g 4 h
h 3 z.
z 3 k m. 0 z
k 3 v
v 4 m
m 4 p "w"
9:12 p 3 p "k" too faint.

✓

Ledger

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J.D. 6641 Thursday, June 9, 1904

R Leonis

9 26 g 3, 1 g 5 in Mn 6 2

l Leonis

9 30 b 4, 2 c n. e. " "

RR Canum

10 12 d 2, 5 e 5 n " "

Z Canum

10 20 Var. not seen " " "

R Anthiae

10 34 e 2, 3 e' " " "

S Canum

10 54 b 3, 1 c " " "

U Centauri

11 02 Var seen but too faint " " "
for comparison
O Centauri

11 15 c 2, 2 d " " "
R Centauri

13:38 n 2, 4 o " " "

✓

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J.D. 6642 Friday, June 10, 1904

S Lupi

9 30 Var. not seen 5in Mn Obs

R Trianguli Austr.

9 32 a 3, 3b

R S Scorpii

10 19 d 2, 3c

S Octantis

10 43 e 3, 5 f

✓

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J.D. 6645 Monday, June 13, 1904

RR Scorpii

9 46 b 2, 3 c 5m Mn 6k

RO Scorpii

10 08 Var. not seen " " "

RV Scorpii

10 40 Var. too faint for comparison " " "
identification not certain

R. Pavonis

11 04 Var = f "

RO Sagittarii

13:35 b 3, 3 c " Wy. "

S Coronae Austr.

14:29 g 2, 2 k " " "

R Coronae "

14:29 g 3, 1 k " " "

T Coronae "

14:29 var. = k " " "

T Pavonis

14:32 var. not seen " " "

S Pavonis

14:37 f 4, 2 g " " "

R Lupi

14:44 e 1, 2 f " " "

RW Scorpii

15:08 var. not seen " " "

RR Sagittarii

15:20 m 1, 2 n

✓

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J. D. 6652 · Monday, June 20, 1904.

R U Sagittarii

13;16 e 2, 3 f — 5 in. Wy. Obs.

R Telescopii

13;23 var. not seen — " " "

R T Sagittarii

13;50 h 2, 3 k — " " "

S Indi

14;39 c 4, 1 d — " " "

R Gruis

14;46 h 2, 3 k — " " "

R Piscis Austr.

14;51 var. not seen — " " "

R Sculptoris

16;39 b 3, 3 c — " " "

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J.D. 6659

Monday, June 27, 1904

~~Bid Trans~~

~~14 52~~
~~21 15~~
~~11 52~~
~~51~~

σ Geminorum

b 6, 2 c 5 m Mx 6h

S Geminorum

~~21 26~~
15 03

Var. not seen

R Andromedae

~~21 31~~
15 14

Var probably seen but too faint for comparison

R Pisciculus

~~22 60~~
15 36

g 2, 2 ~~h~~

(comparison difficult on account of faintness)

R Tucanae

15 46
~~22 10~~

Var not seen

S Sculptoris

16 04
~~22 21~~

Var. not seen

R Horologii

14 22
~~22 49~~

Var. not seen

R Reticuli

16 35
~~22 59~~

c 2, 2 f.

R Doradus

16 40
~~23 04~~

b 2, 3 c

R Muscae Pol

17 04
~~23 28~~

e 4 var

R Leporis

17 16
~~23 40~~

Var not seen

R Pictoris

17 30
~~23 56~~

d 3, 2 e

✓

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1899phae.proj.1827w

J.D. 6669 Thursday, July 7, 1904

ζ Centaura

10 04 f 1, 4 g 5 in Mn. Gb
R Centaura

10 44 m 5 var (faint) " " "
S Lupi

11 12 Var not seen " " "
R Trianguli Austr

11 24 a 2, 2 b " " "
R Lupi

13 18 e 2, 1 f " Wy. "
R S Scorpii

13 21 e 3, 2 f " " "
R R Scorpii

13 29 a 2, 3 b " " "
R T Scorpii

13 32 var. not seen " " "
R W Scorpii

13 43 var. not seen " " "
S Octantis

13 55 e 1, 2 d " " "
R U Scorpii

14 08 var. seen by glimpses " " "
R Pavonis

15 01 c 2, 2 d " " "
R V Sagittarii

15 06 c 1, 2 d " " "
S Coronae Austr.

15 15 var - g " " "

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J.D. 6669

July 7, 1904.

R Coronae Austr.

15 17 g 3,1 k — 5 in. Wy. Obs.

T Coronae Austr.

15 17 g 2,2 k — " " "

T Pavonis

15 44 l 3,2 n — " " "

T Pavonis

15 48 f 2,4 g. — " " "

~~T Pavonis~~ R R Sagittarii

15 55 g 2,1 h — " " "

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1899phae.proj.1827w

J.D. 6687 Monday, July 25, 1904

R U Sagittarii

9 04 b 3,3 c 5 in Mn Obs

R Telescopii

9 14 Var. not seen " " .

R S Sagittarii

9 43 b 2,4 c " " .

R Gemini

10 13 G 4,2 d (d bigger than c) " " .

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1899phae.proj.1827w

J.D. 6688

Tuesday, July 26, 1904.

R Trianguli Austr.

12:47	a 4, 3 b. R Lupi	Sim.	Wy.	Obs.
12:52	var. not seen R S Scorpii	"	"	"
12:59	g 2, 3 h R R Scorpii	"	"	"
13:07	a 1, 4 b R U Scorpii	"	"	"
13:10	var. not seen R Pavonis	"	"	"
13:17	b 1, 2 c R V Sagittarii	"	"	"
13:25	e 4, 2 f T Pavonis	"	"	"
13:36	var. seen by glimpses; too faint for comp.	"	"	"

✓

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1899phae.proj.1827w

J.D. 6702 Tuesday, August 9, 1904

R Centauri

9 34 Var = m (to 6 faint) 5 in Oh 6h

S Lupi

10 15 g 3 Var (to 6 faint)

R Ophiuchi, Austr.

10 21 a 3, 4 b "

R Lupi

10 42 Var not seen "

R S Scorpii

11 04 g 2, 4 b "

R R Scorpii

11 17 d 1, 4 c "

R. O Scorpii

11 24 Var. not seen

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1899phae.proj.1827w

J.D. 6703 Wednesday, August 10, 1904

U Centauri

7 44 Var. not seen 5 in Mn. Gb

U Centauri

7 49 Var = C

R Telescopii

9 17 Var not seen

R Geminis

10 06 a 3, 2 b

R Puppis Amelia.

10 24 Var not seen

U Geminis

10 33 b 5, 3 c

R W Scorpii

10 45 Var not seen

R U Scorpii

11 07 b 4, 3 b (faint; comp. doffinite)

R Pavonis

11 25 b 2, 3 c

R V Sagittarii

11 39 b 3, 3 b

✓

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J.D. 6707 Sunday, August 14, 1966

S Columbae

9 40 e 5, 3 f 5 min Mr. Gk

O Puppis

9 44 f 3, 4 g

S Puppis

10 09 e 3, 2 f

S Orionis

10 33 Van too faint for comp.

O Columbae

10 44 Van not seen

S Geminis

11 13 Van not seen

R Orionis

11 23 d 2, 3 e

✓

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1899phae.proj.1827w

J.D. 6/08

Monday, August 15, 1904.

S Coronae Austr.

15:06 g 2, 3 k — 5 in. Wy. Obs.
R Coronae Austr.

15:10 g 2, 3 k — " " "
T Coronae Austr.

15:10 var. too faint for comp. — " " "
R R Sagittarii

15:16 a 1, 3 b — " " "
R U Sagittarii

15:24 b 3, 3 c — " " "
R T Sagittarii

15:36 b 3, 3 c — " " "
R Microscopii

15:48 c 2, 1 d — " " "
R Phoenicis

15:59 c 3, 1 d — " " "
R Tucanae

16:04 var. not seen — " " "
R Horologii

16:17 g 2, 1 h — " " "
R Reticuli

16:26 g 3, 3 h — " " "
R Doradus

16:28 b 2, 3 c

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J.D. 67/11

Thursday, August 18, 1904.

δ Sculptoris

13:23 d 4, 1e — 5" in. — Wy. Obs.

R Sculptoris

13:31 c 3, 3d — " — " — "

R Caeli

13:48 var. seen only by glimpses — " — " — "

R Pictoris

14:26 c 2, 2d — " — " — "

R Columbae

14:38 var. = f — " — " — "

R Octantis

14:57 var. not seen — " — " — "

✓

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J.D. 6716

Tuesday, August 23, 1904.

Moon Bright.

	U Centauri	
8:17	var. not seen.	5 in. Wy. Obs.
	T Centauri	
8:30	var. = c	" " "
	R Centauri	
8:54	m 2,4 m	" " "
	S Lupi	
9:05	f 3 g 3 g	" " "
	R Triang. Austr.	
9:15	a 1, 4 b	" " "
	R Lupi	
9:21	var. not seen	" " "

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J.D. 6/24 Wednesday, August 31, 1904

L_2 Puppis

16 23 c2, 2d1 n. e Nr. Glo

S Puppis

16 32 b4, 1c 5n - -

l Carinae

16 34 c1, 3d1 (region low) n. e - -

R Carinae

16 41 e1, 2+ (region of l Carinae) n. e " "

S Carinae

17 02 Var = e 5n - "

Ledger complete for this book.
R.H.C.

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