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Var.	R T Carinae Re-meas.	4 - 16
"	R S Scorpii	17 - 50
"	S S Cygni	59 - 146
"	Re-meas of ζ Bootis & Compplat "m"	147
"	Extra meas. of S S Cygni	148
"	θ Apodis & Comp. plate "f"	149 - 185
"	R Y Virginis.	186 - 208
"	Meas. of ζ Bootis & "m"	209 - 213

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Oct. 26, 1903.

Var. −15° 49 23 18 11.0 −15 40 Sta. 126.
Estimates 4 str. d, d' d' 4 e

B28620
d 4d'
d' 1 e

B 23282
d 4 d'
d' 1 e

B 19327
d 3 d'
d' 0 e

✓ B 9852
d 3d'
d' 0 e

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April 20, 1903.

Re-measures of RT Carinae
10 40.9 −58° 54 (1900)
Comp. plate on B16379.

✓ B21173

9.47 c 2 r 9.67 9.58 = 9.62 05 04
9.58 r 3 d 9.88

✓ B21266

9.88 d 1 r 9.98 9.90 = 9.96 02 01
9.90 r 2 d 10.15

✓ B21327

9.47 c 3 r 9.77 9.68 = 9.72 05 04
9.68 r 2 d 9.88

✓ B21328

9.47 c 3 r 9.77 9.67 = 9.72 05 05
9.67 r 1 d 9.87

✓ B24970

10.15 e 2 r 10.35 10.35 = 10.35 00 00
10.35 r 1 f 10.45

✓ B24857

10.15 e 2 r 10.35 10.35 = 10.35 00 00
10.35 r 1 f 10.45

✓ B24652

10.15 e 3 r 10.45 10.35 = 10.40 05 05
10.35 r 1 f 10.45

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1903phae.proj..716B

April 29, 1903.

RT Carinae cont.

✓ B22810

9.87 d 2r 10.07 10.05- = 10.06 01 01
10.05- r 1 e 10.15-

✓ B22779

9.47 c 3r 9.77 9.77 = 9.77 00 00
9.77 r 1 d 9.87

✓ B22675

9.87 d 1r 9.97 9.95- = 9.96 01 01
9.95- r 2 e 10.15-

✓ B22642

9.47 c 3r 9.77 9.67 = 9.72 05- 05-
9.67 r 2 d 9.87

✓ B22328

10.15- e 2 r 10.35- 10.25- = 10.30 05- 05-
10.25- r 2 f 10.45-

✓ B21731

9.47 c 3r 9.77 9.67 = 9.72 05- 05-
9.67 r 2 d 9.87

✓ B21606

9.47 c 3r 9.77 9.67 = 9.72 05- 05-
9.67 r 2 d 9.87

✓ B21565

9.87 d 1r 9.97 9.85- = 9.91 06 06
9.85- r 3 e 10.16

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April 29, 1903.

RT Carinae

B21557

9.87 d 1r 9.97 9.95⁻ = 9.96 01 01
9.95⁻ r 2l 10.15⁻

B21439

9.47 c 3r 9.77 9.67 = 9.72 05⁻ 05⁻
9.67 r 2d 9.87

B21428
. Toomandgeffk

B21067

10.15⁻ l 2r 10.35⁻ 10.15⁻ = 10.25 10 10
10.15⁻ r 3f 10.45⁻

B21112

9.47 c 3r 9.77 9.67 = 9.72 05⁻ 05⁻
9.67 r 2d 9.87

B21171

9.87 d 1r 9.97 9.95⁻ = 9.96 01 01
9.95⁻ r 2l 10.15⁻

B28802

9.87 d 2r 10.07 10.05⁻ = 10.06 01 01
10.05⁻ r 1l 10.15⁻

B27574

9.87 d 1r 9.97 9.95⁻ = 9.96 01 01
9.95⁻ r 1l 10.15⁻

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April 20, 1903.

RT Carinae

✓ B27382

9.47	c 2 r	9.67	9.57 =	9.62	05	05
9.57	r 3 d	9.87				

✓ B27295

9.47	c 2 r	9.67	9.77 =	9.72	05	05
9.77	r 1 d	9.87				

✓ B27199

9.47	c 3 r	9.77	9.67 =	9.72	05	05
9.67	r 2 d	9.87				

✓ B27169

9.87	d 2 r	10.07	10.05 =	10.06	01	01
10.05	r 1 e	10.15				

✓ B25024

10.15	e 3 r	10.45	10.35 =	10.40	05	05
10.35	r 2 f	10.45				

✓ B25356

10.45	f 1 r	10.55	10.63 =	10.59	04	04
10.63	r 2 g	10.83				

✓ B26939

9.47	c 3 r	9.77	9.67 =	9.72	05	05
9.67	r 2 d	9.87				

✓ B26941

9.87	d 2 r	10.07	9.95 =	10.01	06	06
9.95	r 2 e	10.15				

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1903phae.proj..716B

April 29, 1903.

R T Carinae

✓ B26967

9.87 d2r 10.07 10.05-10.06 01 01
10.05 r1c 10.15

✓ B26991

9.87 d2r 10.07 10.05-10.06 01 01
10.05 r1c 10.15

✓ B21426

9.87 d3r 10.17 9.95-10.06 11 11
9.95 r2c 10.15

✓ B19707

9.47 c3r 9.77 9.67-9.72 05 05
9.67 r2d 9.87

✓ B19668

9.47 c3r 9.77 9.67-9.72 05 05
9.67 r2d 9.87

✓ B19072

9.47 c3r 9.77 9.67-9.72 05 05
9.67 r2d 9.87

✓ B19073

9.47 c3r 9.77 9.67-9.72 05 05
9.67 r2d 9.87

✓ B19074

too near edge

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1903phae.proj..716B

April 20, 1903.

RT Aurigae

✓ B19362

9.87 d1r 9.97 9.95 = 9.96 01 01
9.95 r2e 10.15

✓ B19263

9.47 c3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

✓ B19292

9.47 c3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

✓ B19469

9.47 c3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

✓ B19470

9.47 c1r 9.57 9.57 = 9.57 00 00
9.57 r3d 9.87

✓ B18900

Toomas edge of ☆

✓ B18859

9.87 d1r 9.97 9.95 = 9.96 01 01
9.95 r2e 10.15

✓ B18831

9.47 c3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

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1903phae.proj..716B

April 29, 1903.

R T Carinae

✓ B18804
Too near edge of pl.

✓ B18802
9.47 p 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ B18748
9.47 p 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ B18702
9.47 p 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ B18701
9.47 p 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ B18629
9.47 p 2 r 9.67 9.57 = 9.62 05 05
9.57 r 3 d 9.87

✓ B18628
9.47 p 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ B18513
Too near edge of pl.

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1903phae.proj..716B

April 29, 1903.

R T Carinae

✓ B18476

9.47 p1σ 9.57 9.57 = 9.57 00 00
9.57 σ3d 9.87

✓ B18427

9.47 p3σ 9.77 9.57 = 9.67 10 10
9.57 σ3d 9.87

✓ B18346

9.47 p3σ 9.77 9.67 = 9.72 05 05
9.67 σ2d 9.87

✓ B18321

9.47 p1σ 9.57 9.57 = 9.57 00 00
9.57 σ3d 9.87

✓ B15556

9.47 p3σ 9.77 9.67 = 9.72 05 05
9.67 σ2d 9.87

✓ B18174

9.47 p3σ 9.77 9.67 = 9.72 05 05
9.67 σ2d 9.87

✓ B18201

9.47 p3σ 9.77 9.77 = 9.77 00 00
9.77 σ1d 9.87

✓ B18263

Too much of the

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1903phae.proj..716B

April 20, 1903.

RT Carinae

✓ B18270

9.47 C1r 9.57 9.57 = 9.57 00 00
9.57 r3d 9.87

✓ B18290

9.47 P3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

✓ B21172

9.47 P3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

✓ B21036

9.87 d2r 10.07 10.05 = 10.06 01 01
10.05 r1d 10.15

✓ B21119

9.47 P3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

✓ B27000

9.47 P3r 9.77 9.77 = 9.77 00 00
9.77 r1d 9.87

✓ B21360

9.47 P3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

✓ B18465

9.47 P3r 9.77 9.67 = 9.72 05 05
9.67 r2d 9.87

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April 29, 1903.

RT Carinae

✓ B 20978

9.87	d 2r	10.07	10.05 = 10.06	01	01
10.05	r 1e	10.15			

✓ A 4320

10.15	e 1r	10.25	10.25 = 10.25	00	00
10.25	r 2f	10.45			

✓ A 4263

10.45	f 2r	10.65	10.53 = 10.59	06	06
10.53	r 3g	10.83			

✓ A 2402

9.47	c 3r	9.77	9.67 = 9.72	05	05
9.67	r 2d	9.87			

✓ A 2517

9.87	d 1r	9.97	9.95 = 9.96	01	01
9.95	r 2e	10.15			

✓ A 2524

9.47	c 2r	9.67	9.77 = 9.72	05	05
9.77	r 1d	9.87			

✓ A 2549

9.47	c 2r	9.67	9.67 = 9.67	00	00
9.67	r 2d	9.87			

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1903phae.proj..716B

April 22, 1903.

RT Carinae

✓ A 3012

9.47 c 2r 9.67 9.77 = 9.72 05 05
9.77 r 1d 9.87

✓ A 3013

9.87 d 2r 10.07 10.05 = 10.06 01 01
10.05 r 1l 10.15

✓ A 3018

9.87 d 2r 10.07 10.05 = 10.06 01 01
10.05 r 1l 10.15

✓ A 3107

9.87 d 2r 10.07 9.93 = 10.01 06 06
9.95 r 2l 10.15

✓ A 3106

9.47 c 3r 9.77 9.67 = 9.72 05 05
9.67 r 2d 9.87

✓ A 3105

9.47 c 3r 9.77 9.67 = 9.72 05 05
9.67 r 2d 9.87

✓ A 3104

9.47 c 2r 9.67 9.77 = 9.72 05 05
9.77 r 1d 9.87

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1903phae.proj..716B

April 22 1903.

RT Serpentis

✓ A3103

9.87 d 2r 10.07 10.05 = 10.06 01 01
10.05 r 1 l 10.15

✓ A3102

9.47 l 3r 9.77 9.67 = 9.72 05 05
9.67 r 1 d 9.87

✓ A3101

9.47 l 2r 9.67 9.77 = 9.72 05 05
9.77 r 1 d 9.87

✓ A3100

9.47 l 3r 9.77 9.77 = 9.77 00 00
9.77 r 1 d 9.87

✓ A2248

9.47 l 3r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ A2249

9.87 d 2r 10.07 9.95 = 10.01 06 06
9.95 r 2 l 10.15

✓ A2386

9.47 l 3r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

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April 22, 1903.

R T Sharina

✓ A2240 ✓ X 8293

9.47 c 3 r 9.77 9.67 = 9.72 05 05 9.47 c 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87 9.67 r 2 d 9.87

✓ A2236 ✓ X 8292

9.47 c 3 r 9.77 9.67 = 9.72 05 05 9.47 c 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87 9.67 r 2 d 9.87

✓ A2229 Sp.
Diff

✓ A2224 Sp.
Pl. Failed.

✓ A2208

9.47 c 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ A2201

9.47 c 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ A2200

9.47 c 3 r 9.77 9.67 = 9.72 05 05
9.67 r 2 d 9.87

✓ A1807

10.15 c 1 r 10.25 10.35 = 10.30 05 05
10.85 r 2 f 10.45

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April 28, 1903.

R S Scorpii

16h 48.4m −44° 5′ (1900)

B 13529 Comp. Stars.

✓ B 13529

8.49 p 1 r 8.59 8.57 = 8.58 01 01

8.57 r 2 p 8.77

✓ B 10347 Sp.

8.04 f 1 r 8.14 ~~8.39~~ N.S. = 8.26 12 13 ⊙ 3, 2d 8.68 11 11

8.39 ~~r 1 c~~ 8.49

✓ B 11031

11.09 m 2 r 11.29 11.14 = 11.22 07 08

11.14 r 1 m 11.24

✓ B 11075

11.09 m 1 r 11.19 11.04 = 11.12 07 08

11.04 r 2 m 11.24

✓ B 11079

11.09 m 1 r 11.19 11.04 = 11.12 07 08

11.04 r 2 m 11.24

✓ B 11115

10.71 k 2 r 10.91 10.81 c 10.86 05 05

10.81 r 1 k 10.91

✓ B 11284

10.26 h 3 r 10.56 10.51 = 10.54 02 03

10.51 r 2 k 10.71

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Apr. 28, 1903.

R S Sagittarii cont.

✓ B 11349

10.11	g 3 r	10.41	10.26	10.51 = 10.39	02	13	12
	r 0 f	10.26					
10.51	r 2 k	10.71					

✓ B 11350

10.11	g 3 r	10.41	10.16 = 10.28	13	12	
10.16	r 1 h	10.26				

✓ B 11473 Sp. Pourpl.

✓ B 11493 Sp.

7.76	a 3 r	8.06	7.84 = 7.95	11	11
7.84	r 2 f	8.04			

✓ B 9994

8.77	d 2 r	8.97	8.96 = 8.96	01	01
8.96	r 1 l	9.05			

✓ B 9785

9.73	f 1 r	9.83	9.91 = 9.87	04	04
9.91	r 2 g	10.11			

✓ B 9964 Sp.

9.73	f 2 k	9.93

✓ B 9756 Sp.

9.73	f 1 r	9.83 . . .
	g k	

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1903phae.proj..716B

Apr. 28, 1903.

R S Scorpii

✓ B9686

10.71 k 1 r 10.81 10.71 = 10.76 05 05

10.71 r 2 l 10.91

✓ B9662

10.71 k 3 r 11.01 10.81 = 10.91 10 10

10.81 r 1 l 10.91

✓ B9598 Sp.

9.73 f 1 r 9.83

✓ B9417 Sp. N.S.

9.73 f 1 r ~~9.88~~ 9.91 = 9.87 04 04 l w 1 N 10.3 .. ..

9.91 ~~r 2 g~~ 10.11

✓ B9416 Sp.

9.73 f 2 r N.S. 9.93 10.01 = 9.97 04 04 l w 1 N 10.3 .. ..

10.01 ~~r 1 g~~ 10.11

✓ B9379

11.84 g 2 r 12.04 11.89 = 11.96 08 07

11.89 r 2 N 12.09

✓ B9204

11.84 g 2 r 12.04 11.99 = 12.02 02 03

11.99 r 1 N 12.09

✓ B9203

11.84 g 2 r 12.04 11.99 = 12.02 02 03

11.99 r 1 N 12.09

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Apr. 28, 1903

R. S. Sagittii cont.

✓ B 9201

11.84 q 1r 11.94 11.89 = 11.92 02 03
11.89 r 2 ? 12.09

✓ B 9198

11.84 q 1r 11.94
r 1 f

✓ B 9197

11.84 q 2r 12.04
r 1 f

✓ B 9165

10.71 b 2 f 10.9

✓ B 8710

7.76 a 2 g 7.96 7.74 = 7.85 11 11
7.74 a 3 r 8.04

✓ B 8023 fp.

9.73 f 3 f 10.03

✓ B 8012 fp.

8.77 d 2 f 9.0

✓ B 8109

11.34 02 r 11.54 11.52 = 11.53 01 01
11.52 r 1 fp 11.62

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Apr. 28, 1903.

R T Scorpii cont.

✓ B8279
Pcompl

✓ B8416 Sp.
7.76 a3r ? 8.06 7.84 = 7.95 11 11
7.84 r2f ? 8.04 eiR 9.15

✓ B8396 Sp.
7.76 a3r 8.06 7.84 = 7.95 11 11
7.84 r2f 8.04

✓ B8618 Sp.
7.76 a3r 8.06 7.84 = 7.95 11 11
7.84 r2f 8.04

✓ B8619 Sp.
7.76 a3r 8.06 7.84 = 7.95 11 11
7.84 r2f 8.04

✓ B5731 Sp.
7.76 a3r ~~8.06 7.84 = 7.95~~ 11 11 liR 11.0 .. ..
7.84 ~~r2f 8.04~~

✓ B5736
11.62 f2r 11.82 11.54 = 11.68 14 14
11.54 r3q 11.84

✓ B5986
11.62 f1r 11.72 11.68 = 11.70 02 02
11.68 r2q 11.84

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Apr. 28, 1903

R.S. Tropii cont.

✓ B 5985
Toomeau edge.

✓ B 5951
Toomeau corner.

✓ B 5950
11.62 p 2 r 11.82 11.54 = 11.68 14 14
11.54 r 3 q 11.84

✓
New corner B 5929
10.26 p 1 s 10.86

✓ B 5928
11.62 p 1 r 11.72
q s. — —

✓ B 5627
11.84 q 1 r 11.94 11.89 = 11.92 02 03
11.89 r 2 s 12.09

✓ B 5630
11.84 q 3 r 12.14 11.89 = 12.02 12 13
11.89 r 2 s 12.09

✓ B 5405
10.71 p 2 r 10.91 10.81 = 10.86 05 05
10.81 r 1 s 10.91

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1903phae.proj..716B

Apr. 28, 1903.

RT Sagittæ cont.

B 5-335
Not conn

✓ B 5-244

10.26 f 2 r 10.46 10.41 = 10.44 02 03
10.41 r 3 f 10.71

B 4955 Sp.
Not conn

✓ B 5152

9.73 f 2 r 9.93 10.01 = 9.97 04 04
10.01 r 1 g 10.11

✓ B 4223 Sp.

7.76 a 3 r 8.06 7.84 = 7.95 11 11
7.84 r 2 f 8.04 lin 11.0

✓ B 4831 Sp.
Poor in neg. frame

✓ B 4853 Sp.
Poor in neg. frame.

✓ B 4884 Sp.
Too near edge of plate

B 4885 Sp
Not conn

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Apr. 28, 1903.

R. L. Scorpii cont.

✓ B4934 Sp.
Toomuch diffb

✓ B4935 Sp.
Poor mg. of std.

✓ B12916
11.34 02r 11.54 11.32 = 11.43 11 11
11.32 r3f. 11.62

✓ B12843
11.62 fr3f 11.92

✓ B12825
11.62 fr2f 11.82

✓ B12094
8.77 d2r 8.97 8.95 = 8.96 01 01
8.95 r1c 9.05

✓ B11899
8.04 f2r 8.24 8.39 = 8.32 05 07
8.39 r1c 8.49

✓ B11889
7.76 a3r 8.06 7.94 = 8.00 06 06
7.94 r1b 8.04

✓ B11631
8.04 b2r 8.24 8.19 = 8.22 02 03
8.19 r3c 8.49

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1903phae.proj..716B

April 28, 1903.

R Sagittarii cont.

✓ B10100 Sp.

7.76 a3 ∞ 8.06 7.84 = 7.95 11 11

7.84 ∞2 t 8.04

✓ B4940 Sp. W.S.

7.76 a3 ∞ ~~8.06~~ 7.84 = 7.95 11 11 c2, 3d

~~7.84~~ ∞2 t 8.04

✓ B7980
Poor pl. trailed

✓ B7975
Pl. trailed

✓ B7971 Sp.
Poor pl

✓ B7966
Poor pl

✓ B7965
Poor pl

✓ B7817
11.62 f2 St 11.82

✓ B7674
11.84 g 1 A 11.94

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1903phae.proj..716B

Apr. 28, 1903.

R S Sagittæ

✓ B7687 Sp.
9.73 f l st 9.83

✓ B7605
Poor pb

✓ B7522
11.84 q l r 11.94
p st

✓ B7515
Poor pb

✓ B6879
Poor pb

✓ B6777 Sp.
Poor pb

✓ B6774 Sp.
9.73 f 2r 9.93
q st

Poor pb ✓ B6770
11.62 p 2r 11.82 11.54 = 11.68 14 14
11.54 r 3 q 11.84

✓ B6101
11.84 q l st 11.94

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R. S. Scorpii

✓ B 6152

11.62 pq 3r 11.92 11.64 = 11.78 14 14
11.64 r 2q 11.84

✓ B 6102

11.62 p 2r 11.82 11.74 = 11.78 04 04
11.74 r 1q 11.84

✓ B 6171

11.84 q 1r 11.94 11.89 = 11.92 02 03
11.89 r 2p 12.09

✓ B 6742

11.34 03 r 11.64 11.42 = 11.53 11 11
11.42 r 2 p 11.62

✓ B 6278

Terminator of ℓ.

✓ B 3804

10.11 q 2r 10.31 10.16 = 10.24 07 08
10.16 r 1 p 10.26

✓
Near edge B 3625

9.05 q 2r 9.25 9.68 = 9.44 19 19
9.63 r 1 p 9.73

✓ B 3530

9.73 p 3r 10.03 9.91 = 9.97 06 06
9.91 r 2 q 10.11

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R S Sagittae cont.

✓ B35-29

9.73 fin 9.83 9.81 = 9.82 01 01
9.81 or 3 g 10.11

✓ B 4068

11.34 02 m 11.54 11.62 11.54 = 11.57 03 05 03
11.62 or 0 fp 11.62
11.54 or 3 g 11.84

✓ B4088 Sp.
Purple

✓ B3956 Sp.
Purple

✓ B3955 Sp.
Purple

✓ B3954 Sp.
Purple

✓ B3931 Sp.

10.11 g 1 L 10.21

B3918 Sp.
Red core

B3860 ~~B3940~~ Sp.
Red core

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Apr. 28, 1903.

R S Scorpii cont.

✓ B3833
Nearedge

✓ B3779
10.26 hlor 10.36 10.51 = 10.44 08 07
10.51 or2h 10.71

✓ B3738
9.73 f3or 10.03 9.91 = 9.97 06 06
9.91 or2g 10.11

✓ B3691 Sp.
Poor in ug. of rac.

✓ B3681 Sp.
Nearedge

✓ B3676 Sp.
Nearedge

✓ B3699 Sp.
Poor in ug. of rac

✓ B3531
Nearedge

✓ B3450 Sp.
Nearedge

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Apr. 28, 1903.

R S Scorpii cont

✓ B 3487 Sp.
Pow fpl

✓ B 3488 Sp.
Pow fpl

✓ B 3489 Sp.
Star edge

B 11 348

9.73 f3 r 10.03 9.91 = 9.97 06 d6
9.91 a2 g 10.11

✓ B 10105 Sp.
Too near edge fpl

✓ B 3695 Sp.
Star edge fpl

B 3851
Not seen

B 3901 Sp.
Not seen

✓ B 6639 Sp.
Star edge

✓ B 7818 Sp.
Pow fpl

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Apr. 29, 1903.

R Scorpii

✓ B7960

11.84 q 3r 12.14 11.89 = 12.02 12 13
11.89 r 2r 12.09

✓ B8709

7.76 a 3r 8.06 7.84 = 7.95 11 11
7.84 r 2b 8.04

✓ B9200

11.62 p 2r 11.82 11.74 = 11.78 04 04
11.74 r 1q 11.84

✓ B8775 Poorpb

✓ B8143 Poorpb

✓ B8248 Sp.

10.71 k 1 A 10.81

✓ B8113

11.84 o 3r 11.64 11.42 = 11.53 11 11
11.42 r 2p 11.62

✓ B8063 Sp.

8.49 c 1 A 8.59

✓ B9937

11.84 q 2r 12.04 11.89 = 11.96 08 07
11.89 r 2r 12.09

✓ B1348

10.11 g 2r 10.31 10.16 = 10.24 07 08
10.16 r 1h 10.26

✓ B14544

10.91 l 3r 11.21 10.89 = 11.05 16 16
10.89 r 2m 11.09

✓ B5649 Andrew

✓ B3782 Andrew

✓ B5418 Andrew

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April 29, 1903.

R Scorpii cont.

✓ B 7942 Sp.
Near edge

✓ B 5535
Near edge

✓ B 5497
Near edge

✓ B 5519
Poor pl

✓ B 5529
Poor pl

✓ B 5505
Poor pl

✓ B 15374

10.11	92 r	10.31	10.16 = 10.24	07 08
10.16	r 1 h	10.26		

✓ B 14740

11.34	02 r	11.54	11.52 = 11.53	01 01
11.52	r 1 f	11.62		

✓ B 13981

8.77	d 1 r	8.87	8.85 = 8.86	01 01
8.85	r 2 l	9.05		

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April 29, 1903.

R S Sagittæ cont.

✓ B 13868

8.49 c 2 r 8.69 8.67 = 8.68 01 01
8.67 r 1 d 8.77

✓ B 13849 Sp.

8.77 d ½ r 8.87 8.85⁻ = 8.86 01 01
8.85⁻ r 2 e 9.05⁻

✓ B 13801 Sp.

8.77 d 2 r 8.97 8.95⁻ = 8.96 01 01
8.95⁻ r 1 e 9.05⁻

B 13037 Sp.
Not seen

✓ B 13045 Sp.

9.73 f 2 r 9.93 10.01 = 9.97 04 04
10.01 r 1 g 10.11

✓ B 13062 Sp.

8.77 d 3 ∴ 9.07

✓ B 13089 Sp.

10.26 h, ∴ 10.36

✓ B 13310

8.77 d 3 r 9.07 8.85⁻ = 8.96 11 11
8.85⁻ r 2 e 9.05⁻

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April 29, 1903.

R.S. Scarfii cont

✓ B1345-0 Sh.

8.49 c 3 r 8.79 8.67 = 8.73 06 06
8.67 r 1 d 8.77

✓ B13489

8.49 c 2 r 8.69 8.47 = 8.58 11 11
8.47 r 3 d 8.77

✓ B1355-31

8.49 c 2 r 8.69 8.67 = 8.68 01 01
8.67 r 1 d 8.77

✓ B1355-70

8.77 d 1 r 8.87 8.70- = 8.81 06 06
8.70- r 3 e 9.05-

✓ B13743

8.49 c 1 r 8.59 8.47 = 8.53 06 06
8.47 r 3 d 8.77

✓ B13784 Sh.

8.49 c 1 r 8.59 8.57 = 8.58 01 01
8.57 r 2 d 8.77

✓ B13791 Sh.

8.49 c 1 r 8.59 8.57 = 8.58 01 01
8.57 r 2 d 8.77

✓ B13800 Sh.

8.77 d 3 r 9.07 8.70- = 8.91 16 16
8.70- r 3 e 9.05-

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Apr. 29, 1903.

R S Sagittæ cont.

✓ B17088

10.91 l 2 r 11.11 10.79 = 10.95 16 16

10.79 r 3 m 11.09

✓ B17084 Sp.

9.73 f 2 r 9.93 10.01 = 9.97 04 04 k 3 R 11.01 a

10.01 r 1 g 10.11

✓ B17049 Sp. W.S.

9.73 ~~f 2 r~~ 9.93

~~g R~~

✓ B17006 Sp

Too near comp.

✓ B16878

10.26 h 1 r 10.36 10.51 = 10.44 08 07

10.51 r 2 k 10.71

✓ B16637

9.05 l 3 r 9.38 9.53 = 9.44 09 09

9.53 r 2 f 9.73

✓ B16614

9.05 l 1 r 9.15 9.53 = 9.34 19 19

9.53 r 2 f 9.73

✓ B16564

9.05 l 2 r 9.26 9.53 = 9.39 14 14

9.53 r 2 f 9.73

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1903phae.proj..716B

April 29, 1903.

R Scorpii cont.

✓ B 16434

8.77 d 3r 9.07 8.85 = 8.96 11 11
8.85 r 2 e 9.05

✓ B 16392

9.05 e 1 r 9.15 9.53 = 9.34 19 19
9.53 r 2 f 9.73

✓ B 16094

8.77 d 3r 9.07 8.85 = 8.96 11 11
8.85 r 2 e 9.05

✓ B 16032

8.77 d 1r 8.87 8.85 = 8.86 01 01
8.85 r 2 e 9.05

✓ B 15942

8.04 f 3r 8.34 8.39 = 8.36 02 03
8.39 r 1 c 8.49

✓ B 15898

7.76 a 3r 8.06 7.84 = 7.95 11 11
7.84 r 2 b 8.04

✓ B 15870

8.04 f 2r 8.24 8.39 = 8.32 08 07
8.39 r 1 c 8.49

✓ B 15702

8.04 f 1r 8.14 8.29 = 8.22 08 07
8.29 r 2 c 8.49

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1903phae.proj..716B

Apr. 29, 1903

R S Sagittæ cont.

✓ B15655

7.76 a3r 8.06 7.84 = 7.95 11 11
7.84 r2b 8.04

✓ B14133 Sp.

8.77 d3r 9.07 8.85 = 8.96 11 11
8.85 r2e 9.05

✓ B14289

9.05 e2r 9.25 9.53 = 9.39 14 14
9.53 r2f 9.73

✓ B19856 Sp.

9.73 f2R 9.93

✓ B19751 Sp.

9.73 f2R 9.93

✓ B19685

11.09 m2r 11.29 11.14 = 11.22 07 08
11.14 r1m 11.24

✓ B19655 Sp.

9.73 f1r 9.83 g1R 10.2 ..
g R

✓ B19438

10.71 k1r 10.81 10.71 = 10.76 05 05
10.71 r2l 10.91

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1903phae.proj..716B

Apr. 29, 1903.

R Scorpii cont.

✓ B 19414

10.71 k 1r 10.81 10.61 = 10.71 10 10
10.61 r 3 l 10.91

✓ B 19343 sp.
Too near edge of pl.

✓ B 19322

10.26 h 3r 10.56 10.51 = 10.54 02 03
10.51 r 2 k 10.71

✓ B 19194

10.26 h 2r 10.46 10.41 = 10.44 02 03
10.41 r 3 k 10.71

✓ B 19163

10.11 g 1r 10.21 10.06 = 10.14 07 08
10.06 r 2 h 10.26

✓ B 19061

9.73 f 3r 10.03 9.91 = 9.97 06 06
9.91 r 2 g 10.11

✓ B 18881

8.77 d 2r 8.97 8.95 = 8.96 01 01
8.95 r 1 e 9.05

✓ B 18770

8.49 c 3r 8.79 8.57 = 8.68 11 11
8.57 r 2 d 8.77

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1903phae.proj..716B

Apr. 29, 1903.

R Scorpii cont.

✓ B18711

8.04 b 1 r 8.14 8.29 = 8.22 08 07
8.29 r 2 e 8.49

✓ B18591

7.76 a 2 r 7.96 7.74 = 7.85 11 11
7.74 r 3 b 8.04

✓ B18551

8.77 d 3 r 9.07 8.95 = 9.01 06 06
8.95 r 1 l 9.05

✓ B18361

9.73 f 1 r 9.83 9.81 = 9.82 01 01
9.81 r 3 g 10.11

✓ B17724

11.62 f 2 St 11.82

✓ B17583

11.84 g 3 r 12.14 11.99 = 12.06 08 07
11.99 r 1 i 12.09

✓ B17532

11.84 g 1 r 11.94 11.99 = 11.96 02 03
11.99 r 1 i 12.09

✓ B17432

11.62 f 2 r 11.82 11.74 = 11.78 04 04
11.74 r 1 g 11.84

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Apr. 29, 1903.

R S Scorpii cont.

✓ B 17175

11.09 m 1 r 11.19 11.04 = 11.12 07 08
11.04 r 2 m 11.24

✓ B 17179

10.91 l 1 r 11.01 10.89 = 10.95 06 06
10.89 r 2 m 11.09

✓ B 17232

11.34 l 2 r 11.54 11.52 = 11.53 01 01
11.52 r 1 l 11.62

✓ B 17353 Sp.

9.73 l 2 r 9.93 ~~W.S. 10.01~~ = 9.97 04 04 hi sr 10.3 .. ..
10.01 r 1 g 10.11

✓ B 17366

12.09 g 3 A 12.09

✓ B 15432

9.05 l 2 r 9.25 9.63 = 9.44 19 19
9.63 r 1 f 9.73

✓ B 15424

7.76 a 3 r 8.06 7.84 = 7.95 11 11
7.84 r 2 f 8.04

✓ B 13994

Stat corrs

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Apr. 29, 1903.

R Scorpii cont.

✓ B24007

11.24 nlr 11.34 11.14 = 11.24 10 10
11.14 r 20 11.34

✓ B23921

11.34 03r 11.64 11.42 = 11.53 11 11
11.42 r2p. 11.62

✓ B23920

11.34 03r 11.64 11.42 = 11.53 11 11
11.42 r2p 11.62

✓ B23478

11.84 q2Sp 12.04

✓ B23003

11.62 p3r 11.92 11.64 = 11.78 14 14
11.64 r2q 11.84

✓ B23169

11.84 q1r 11.94
pR Sp

✓ B22930

11.62 p2r 11.92 11.64 = 11.78 14 14
11.64 r2q 11.84

✓ B22600

11.24 nkr 11.44 11.24 = 11.34 10 10
11.24 r10 11.34

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1903phae.proj..716B

Apr. 29, 1903.

R S Sagittarii cont.

✓ B22523

10.91 l 1r 11.01 10.89 = 10.95 06 06

10.89 r 2 m 11.09

✓ B22507

10.91 l 1r 11.01 10.89 = 10.95 06 06

10.89 r 2 m 11.09

✓ B21989

11.62 p 3 m 11.92 11.74 = 11.83 09 09

11.74 r 1 q 11.84

✓ B2195-8

12.24 D 2 Sh 12.44

✓ B21928

12.24 D 2 Sh 12.44

✓ B21917

11.62 p 3 Sh 11.92

✓ B21842 Sp.

9.73 f 3 r 10.03 10.01 = 10.02 01 01 h 1r 10.3 .. ..

10.01 r 1 q 10.11

✓ B21698 Sp.

9.05 e 1 r 9.15

f Sh

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April 29, 1903.

R S Scorpii cont.

✓ B 21249 Sp. W.S.
9.73 ~~f l r 9.83~~

✓ B 21141
9.05⁻ e l r 9.15⁻ 9.53 = 9.34 19 19
9.53 r 2 f 9.73

✓ B 21105⁻
9.05 e l r 9.15⁻ 9.43 = 9.29 14 14
9.43 r 3 f 9.73

✓ B 21060
8.77 d 3 r 9.07 8.85⁻ = 8.96 11 11
8.85⁻ r 2 e 9.05⁻

✓ B 19934 Sp.
9.73 f l r 9.83 10.01 = 9.92 09 09 h 1 r 10.3 . . .
10.01 r 1 g 10.11

✓ B 19937 Sp.
9.73 f 2 r 9.93

✓ B 20008
11.84 g 3 r 12.14 11.99 = 12.06 08 07
11.99 r 1 h 12.09

✓ B 20080 Sp. W.S. h 1 r 10.3 . .
9.73 ~~f l r 9.83~~
g f

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Apr. 29, 1903.

RY Scorpii cont.

✓ B 20158 Sp.

9.05 e1 Sp 9.10

✓ B 20280

12.37 t3r 12.67 12.30 = 12.48 19 18

12.30 r3w 12.60

✓ B 20441

11.84 q1 Sp 11.94

✓ B 20447

11.62 p3 Sp 11.92

✓ B 20487

11.84 q3 Sp 12.14

✓ B 30579

9.05 e3r 9.35 9.53 = 9.44 09 09

9.53 r2f 9.73

✓ B 30535

8.49 c1r 8.59 8.57 = 8.58 01 01

8.57 r2d 8.77

✓ B 30531

8.77 d3r 9.07 8.85 = 8.96 11 11

8.85 r2e 9.05

✓ B 30239

8.04 f1r 8.14 8.29 = 8.22 08 07

8.29 r2c 8.49

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Apr. 29 1903.

R S Sagittarii cont.

✓ B30036

8.77 d3r 9.07 8.85 = 8.96 11 11
8.85 r2e 9.05

✓ B30015

8.77 d2r 8.97 8.95 = 8.96 01 01
8.95 r1e 9.05

✓ B30003

8.77 d1r 8.87 8.85 = 8.86 01 01
8.85 r2e 9.03

✓ B29476

11.62 p2r 11.82 11.74 = 11.78 04 04
11.74 r1q 11.84

✓ B29471

11.62 p3r 11.92 11.64 = 11.78 14 14
11.64 r2q 11.84

✓ B29278

10.11 q3A 10.41

✓ B29259

11.84 q2A 12.0

✓ B28283

7.76 a2r 7.96 8.74 = 8.85 11 11
8.74 r2A 8.04

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1903phae.proj..716B

Apr. 29, 1903.

R Scorpii cont.

✓ B2823-2

7.76 a 3 r 8.06 7.84-7.95 11 11
7.84 r 2 b 8.04

✓ B27919

8.04 b 1 r 8.14 8.29-8.22 08 07
8.29 r 2 c 8.49

✓ B25081

11.62 p 3 r 11.92
q R

✓ B25082

11.62 p 3 r 11.92 11.64-11.78 14 14
11.64 r 2 q 11.84

✓ B25083

11.62 p 3 r 11.92 11.64-11.78 14 14
11.64 r 2 q 11.84

✓ B25117

11.62 p 3 r 11.92 11.64-11.78 14 14
11.64 r 2 q 11.84

✓ B25192

R. damaged

✓ B25737

11.34 02 r 11.54 11.52-11.53 01 01
11.52 r 1 b 11.62

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1903phae.proj..716B

Apr. 29, 1903.

R S Scorpii cont.

✓ B25-787

8.49 c1r 8.59 8.57 = 8.58 01 01
8.57 r2d 8.77

✓ B25-963

8.49 c2r 8.69 8.67 = 8.68 01 01
8.67 r1d 8.77

✓ B26011

7.76 a3r 8.06 7.84 = 7.95 11 11
7.84 r2b 8.04

✓ B27147

12.09 r1 Sp 12.19

✓ B27380

Surface

✓ B27430

11.62 p2r 11.82 11.74 = 11.78 04 04
11.74 r1q 11.84

✓ B27479

11.62 p2r 11.82 11.$\overset{5}{8}$4 = 11.$\overset{68}{7}\overset{14}{3}$ $\overset{14}{09}$ $\overset{14}{09}$
11.$\overset{5}{8}$4 r3q 11.84

✓ B27559

11.62 p1r 11.72 11.64 = 11.68 04 04
11.64 r2q 11.84

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1903phae.proj..716B

Apl. 29, 1903.

R Scorpii cont.

✓ B27791
Surface

✓ B27711
11.34 o1r 11.44 11.42=11.43 01 01
11.42 or2p 11.62

✓ B27724
11.24 m1r 11.34 11.14=11.24 10 10
11.14 r20 11.34

✓ B27734
11.09 m1r 11.19 11.04=11.12 07 08
11.04 r2m 11.24

✓ B27684
Surface.

✓ Ba1984
11.62 p3f 11.92

✓ a5461 Sp.
7.76 a2r 7.96 7.94=7.95 01 01
7.94 a1b 8.04

✓ a ~~5650~~ 1925.
10.11 g3r 10.41 10.16=10.28 13 12
10.16 r1h 10.26

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R S Scorpii cont.

✓ a 4429 Sp.

9.73 f 1r 9.83 9.91 = 9.87 04 04
9.91 r 2g 10.11

✓ a 4500 Sp.

9.73 f 1r 9.83 9.91 = 9.87 04 04
9.91 r 2g 10.11

✓ a 4504 Sp.

9.73 f 1r 9.83 9.91 = 9.87 04 04
9.91 r 2g 10.11

a 5650
Stdrd

✓ a 1981

10.71 k 2r 10.91 10.81 = 10.86 05 05
10.81 r 1k 10.91

✓ a 3288

9.05 k 2r 9.25 9.43 = 9.34 09 09
9.43 r 3f 9.73

✓ a 25-69

11.84 g 2r 12.04 11.79 = 11.92 12 13
11.79 r 3k 12.09

✓ a 45-10 Sp

10.26 k 1r 10.36 10.51 = 10.44 08 07
10.51 r 2k 10.71

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1903phae.proj..716B

Apr. 29 1903

R Scorpii cont

✓ a 4577 Sp.
Tonnage

a 3270
✓ Tonnage

✓ a 3465 Sp.
7.76 a 3 r 8.06 7.84 = 7.95 11 11
7.84 r 2 b 8.04

✓ a 1811
8.04 b 2 r 8.24 8.39 = 8.32
8.39 r 1 c 8.49 08 07

a 4256
Tonnage

✓ a 2960
R. Hokmann Sp.

✓ a 3220
Tonnage

✓ a 4374 Sp.
Tonnage

✓ a 3138
Tonnage

✓ a 2571
11.62 f 2 r 11.82 11.74 = 11.78 04 04
11.74 r 1 g 11.84

✓ a 3610
7.76 a 2 r 7.96 7.74 = 7.85 11 11
7.74 r 3 b 8.04

✓ a 4578 Sp.
10.26 k f r 10.36
k f

✓ a 4362 Sp.
Tonnage

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1903phae.proj..716B

May 16, 1903.

Meas. of θ Ophi and Comp. Star "b"

13 56.6 -76 19 (1900)

13 24.6 -77 3

Comp. star for both pairs on B3788.

Var. 1 B3788
d 2 r
r 1 e

Var. 2 r 1 r
r 2 d

Var. 1 B5264
c 1 r
r 2 e

Var. 2 d 1 r
r 2 e

Var. 1 B12996
a off Pl
r 3 b

Var. 2 d off pl
r 3 e

Var. 1 B12997
a 3 r
r 2 b

Var. 2 a 3 r
r 2 b

B7271 Sp.
Poor pl

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1903phae.proj..716B

May 16, 1903.

θ Aquadis + "b" cont.

Var.1 B15541
a off Pl
r 3 b

Var.2 d off Pl
r 4 e

Var.1 B19316
f 1 r
r 2 c

Var.1 B11007
a 3 r
r 2 f

Var.1 B6340
c 3 r
r 2 d

Var.1 B3858
c 2 r
r 3 d

Var.1 B11844
f 2 r
r 1 c

Var.1 B18639
c 3 r
r 2 d

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1903phae.proj..716B

May 16, 1903.

θ Aprodis 4 "b" cont.

Var. 2 b 1 r
r 1 c

Var. 1 B 6348
a 3 r
r 4 b
Var. 2 a 3 r
r 2 b

Var. 1 B 7631 Sp.
a 3 r
r 2 b
Var. 2 a 3 r
r 2 b

Var. 1 B 19823-
a off fl
r 3 b

Var. 2 Too near edge of film

Var. 1 B 11093
Var. 2 Class C

Pearidge B 5457 Sp.
Var 1 Off fl
Var. 2 a off fl
r 3 b

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1903phae.proj..716B

May 16 1903.

θ Aurigae + "7" comps.

B 19035 Sp.

Cal. 1 a 3 r
r 3 b

Cal. 2 Off fil

Cal. 1 B 8300 Sp.

Near edge Cal. off fil

Cal. 2 a off fil
r 2 b

Near edge Cal. 1 B 8031 Sp.

Cal. 2 a off fil
r 1 b

Cal. 1 B 13441 Sp.
Off film

Cal. 2 ?

Cal. 1 B 7452
Off film

Cal. 2 a off fil
r 3 b

Cal. 1 B 13204

Near edge Off fil

Cal. 2 a off fil
r 3 b

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1903phae.proj..716B

May 16, 1903.

θ Aurigæ "b" cont.

Var. 1 B12991
Off fld.
Var. 2 a off fld
r 3 b

Var. 1 B6471
Off fld.
Var. 2 ?

Var. 1 B6466
Off fld.
Var. 2 ?

Rejected

Var. 1 B3989
Poor fld

Var. 1 B12879
Var. off fld.
Var. 2 e 3 r
f 1

Var. 1 B5401
Off fld
Var. 2 ?

Var 1 B6349
a 3 r
r 2 b
Var. 2 Off fld

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1903phae.proj..716B

May 16, 1903.

Near edge

θ Aquilæ + "b" cont.

Val. 1 B16556
~~a~~. offfl.

Val. 2 a offfl
r 4 b

Val. 1 B16412
offfl

Val. 2 a offfl.
r 2 b

Val. 1 B20046 Reject
t 2 r
r 2 c

Val. 2 t 3 r
r 2 c

Val. 1 B19303
t 1 r
r 2 c

Val. 2 c 1 r
r 3 d

Val. 1 B17374 Sp.
a 3 r
t Offfl.

Val. 2 ?

Val. 1 B19332
a offfl
r 3 b

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1903phae.proj..716B

May 16, 1903.

θ Aphrodite cont.

Var. 2 ?

Var. 1 B9333
a off pl
r 3 b.

Var. 2 a off pl
r 3 e

Var. 1 B 5025- Spr.
a 3 r
b 1

Var. 2 a 3 r
a 1 b

B 5003-

Rejected

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θ Aphrodite comp. plate "b"

13 55.6 -76 19 (1900)

13 24.6 -77 3

Comp. plates for both plates on B3788.

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1903phae.proj..716B

May 22, 1903.

S S Cygni

21h 38.8m +43° 07'

Comp. plate on l 9725.

✓ l 9725.

7.16 b 3 r 7.46 7.71 = 7.58 12 13

7.71 r 2 c 7.91

✓ l 23407

7.16 b 3 r 7.46 7.71 = 7.58 12 13

7.71 r 2 c 7.91

✓ l 23385

Pl. trailed

✓ l 23400

7.16 b 3 r 7.46 7.71 = 7.58 12 13

7.71 r 2 c 7.91

✓ Rl 23607

Nearedge.

10.51 l 2 r 10.71 10.56 = 10.64 07 08

10.56 r 1 m 10.66

✓ l 23676 Sp.

Pl. trailed

✓ l 23733

10.66 m 2 r 10.86 11.11 = 10.98 12 13

11.11 r 3 m 11.41

✓ l 23794

10.66 m 1 r 10.76 11.11 = 10.94 18 17

11.11 r 3 m 11.41

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1903phae.proj..716B

May 22, 1903.

S S Cygni cont.

✓ 23153

8.83 e 3 r 9.13 8.88 = 9.00 13 12
8.88 r 2 f 9.08

✓ 23151
Not over.

✓ 23149

8.83 e 2 r 9.03 8.98 = 9.00 03 02
8.98 r 1 f 9.08

✓ 22884

8.33 d 3 r 8.63 8.63 = 8.63 00 00
8.63 r 2 e 8.83

✓ 22877

7.91 N 2 r 8.11 8.13 = 8.12 01 01
8.13 r 2 d 8.33

✓ 22870

7.16 f 3 r 7.46 7.71 = 7.58 12 13
7.71 r 2 c 7.91

✓ 22867

7.16 f 3 r 7.46 7.61 = 7.54 08 07
7.61 r 3 c 7.91

✓ 22863

7.16 f 2 r 7.36 7.61 = 7.48 12 13
7.61 r 3 c 7.91

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1903phae.proj..7168

May 22, 1903.

S S Cygni cont.

✓ l 22856

7.16 b 3 r 7.46 7.61 = 7.54 08 07
7.61 r 3 c 7.91

✓ l 22845

7.16 b 3 r 7.46 7.71 = 7.58 12 13
7.71 r 2 c 7.91

✓ l 22842

7.16 b 3 r 7.46 7.61 = 7.54 08 07
7.61 r 3 c 7.91

✓ l 22841

7.16 b 3 r 7.46 7.61 = 7.54 08 07
7.61 r 3 c 7.91

✓ l 22838 Sp.

7.16 b 3 r 7.46 7.51 = 7.48 02 03
7.51 r 4 c 7.91

✓ l 22829 Sp.

7.16 b 3 r 7.46 7.71 = 7.58 12 13
7.71 r 2 c 7.91

✓ l 25277

8.33 a 3 r 8.63 8.73 = 8.68 05 05
8.73 r 1 c 8.83

✓ l 25267

8.33 a 2 r 8.63 8.63 = 8.63 00 00
8.63 r 2 c 8.83

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1903phae.proj..716B

May 22, 1903

S S Cygni

✓ l 25256

7.16 t 4r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ l 25248

7.16 t 3r 7.46 7.51 = 7.48 02 03
7.51 r 4c 7.91

✓ l 25240

7.16 t 2r 7.36 7.51 = 7.44 08 07
7.51 r 4c 7.91

✓ l 25233

8.33 a 2r 8.53 8.53 = 8.53 00 00
8.53 r 3 e 8.83

✓ l 25145

Poor pl.

✓ l 24890

8.83 e 1r 8.93 8.78 = 8.86 07 08
8.78 r 3 f 9.08

✓ l 24863

Poor pl.

✓ l 24783

7.91 e 1r 8.01 8.03 = 8.02 01 01
8.03 r 3 d 8.33

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1903phae.proj..716B

May 22, 1903.

SS Cygni

✓ l24037

10.13 k 2r 10.33 10.21 = 10.27 06 06

10.21 r 3k 10.51

✓ l24098

Rotoover.

✓ l24118

9.71 k 2r 9.91 10.03 = 9.97 06 06

10.03 r 1k 10.13

✓ l24406

7.16 k 4r 7.56 7.61 = 7.58 02 03

7.61 r 3c 7.91

✓ l24417

7.16 k 3r 7.46 7.61 = 7.54 08 07

7.61 r 3c 7.91

✓ l24418

7.16 k 4r 7.56 7.61 = 7.58 02 03

7.61 r 3c 7.91

✓ l24422

7.16 k 3r 7.46 7.51 = 7.48 02 03

7.51 r 4c 7.91

✓ l23945

7.16 k 4r 7.56 7.61 = 7.58 02 03

7.61 r 3c 7.91

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1903phae.proj..716B

May 22, 1903.

SS Cygni cont

✓ l 23946 Sp.

7.16 b 3 r 7.46 7.71 = 7.58 12 13

7.71 r 2 c 7.91

✓ l 23968 Sp.

Not over.

✓ l 23969 Sp.

9.43 g 3 r 9.73 9.61 = 9.67 06 06

9.61 r 1 h 9.71

✓ l 20979

10.51 l 3 r 10.81 10.56 = 10.68 13 12

10.56 r 1 m 10.66

✓ l 20880

Poor pl

✓ l 20820

7.16 b 4 r 7.56 7.61 = 7.58 02 03

7.61 r 2 c 7.91

✓ l 20819 Sp.

7.16 b 3 r 7.46 7.71 = 7.58 12 13

7.71 r 2 c 7.91

✓ l 20816

7.16 b 4 r 7.56 7.61 = 7.58 02 03

7.61 r 3 c 7.91

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1903phae.proj..716B

May 23 1903.

SS Cygni

✓ l20815
Pourpb

✓ l20800
7.16 b4r 7.56 7.61 = 7.58 02 03
7.61 r2c 7.91

✓ l20720
10.66 m1r 10.76 11.11 = 10.94 18 17
11.11 r3m 11.41

✓ l20611
10.51 l2r 10.71 10.36 = 10.54 17 18
10.36 r3m 10.66

✓ l20033
10.51 l2r 10.71 10.36 = 10.54 17 18
10.36 r3m 10.66

✓ l20051
7.16 b3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

✓ l20067
7.91 p1r 8.01 8.13 = 8.07 06 06
8.13 red 8.33

✓ l20068 Lp.
7.16 b3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

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1903phae.proj..716B

May 22, 1903.

SS Cygni

l 20074

✓
7.16 t 1r 7.26 7.51 = 7.38 12 13
7.51 r 4c 7.91

l 20080

✓
7.16 t 3r 7.46 7.61 = 7.54 08 07
7.61 r 3c 7.91

✓ l 20146
Poor pl.

✓ l 20499
10.51 l 3r 10.81 10.46 = 10.64 17 18
10.46 r 2m 10.66

✓ l 20510
10.51 l 1r 10.61 10.46 = 10.54 07 08
10.46 r 2m 10.66

✓ l 20528 Sp.
7.16 t 4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

✓ l 20529
7.91 v 1r 8.01 8.03 = 8.02 01 01
8.03 r 3d 8.33

✓ l 20530 Sp.
7.16 t 4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

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1903phae.proj..716B

May 22, 1903.

SS Cygni

✓ l 20539

7.91 C 1 r 8.01 8.13 = 8.07 06 06
8.13 r 2 d 8.33

✓ l 20568

Poor plate

✓ l 22616

10.66 m 3 r 10.96 11.21 = 11.08 12 13
11.21 r 2 m 11.41

✓ l 22144

7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ l 22138

7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ l 22131

7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ l 22127

7.16 b 3 r 7.46 7.71 = 7.58 12 13
7.71 r 2 c 7.91

✓ l 21689

7.16 b 3 r 7.46 7.51 = 7.48 02 03
7.51 r 4 c 7.91

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1903phae.proj..716B

May 22, 1903.

SS Cygni

✓ l 21683 Sp.

7.16 h4r 7.56 7.61 = 7.58 02 03

7.61 r3c 7.91

✓ l 21005

Poor pl.

✓ l 21150 Sp.

7.16 h3r 7.46 7.61 = 7.54 08 07

7.61 r3c 7.91

✓ l 21186

7.16 h4r 7.56 7.61 = 7.58 02 03

7.61 r3c 7.91

✓ l 21349

Too near edge of film

✓ l 21520

10.66 m1r 10.76 11.11 = 10.94 18 17

11.11 r2m 11.41

✓ l 21529

10.66 m3r 10.96 11.21 = 11.08 12 13

11.21 r2m 11.41

✓ l 21599

Too near edge of pl.

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1903phae.proj..716B

May 22, 1903.

SS Cygni

✓ Q 21601

10.66 m 2 r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ Q 21682

7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ Q 18403 Sp.

10.51 l 1 r 10.61 a
m 4

✓ Q 19856

10.51 l 3 r 10.81 10.46 = 10.64 17 18
10.46 r 2 m 10.66

✓ Q 19837

10.51 l 3 r 10.81 10.46 = 10.64 17 18
10.46 r 2 m 10.66

✓ Q 19819

10.66 m 2 r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ Q 19786

10.51 l 2 r 10.71 10.36 = 10.54 17 18
10.36 r 3 m 10.66

✓ Q 19759

10.66 m 1 r 10.76 11.11 = 10.94 18 17
11.11 r 3 m 11.41

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1903phae.proj..716B

May 22, 1903.

SS Cygni

✓ l 19710

10.13 k 3r 10.43 10.41 = 10.42 01 01
10.41 r 1l 10.51

✓ l 19704

9.43 g 1r 9.53 9.41 = 9.47 = 06 06
9.41 r 3h 9.71

✓ l 19692

8.33 d 2r 8.53 8.53 = 8.53 00 00
8.53 r 3 l 8.83

✓ l 19688

7.91 c 1r 8.01 8.13 = 8.07 06 06
8.13 r 2d 8.33

✓ l 19684

7.16 k 3r 7.46 7.71 = 7.58 12 13
7.71 r 2c 7.91

✓ l 19671
Poor pl.

✓ l 19665

8.33 d 1r 8.43 8.53 = 8.48 05 05
8.53 r 3l 8.83

✓ l 19662

8.33 d 3r 8.63 8.73 = 8.68 05 05
8.73 r 1l 8.83

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1903phae.proj..716B

May 22, 1903.

S S Cygni

✓ 1965 9

8.83 21r 8.93 8.78 = 8.86 07 08
8.78 r 3 f 9.08

✓ 1964 2 Sfv.

9.08 f 3 r 9.38
g St

✓ 1963 2

10.57 b 2r 10.71 10.46 = 10.58 13 12
10.46 r 2 v 10.66

✓ 1962 3

10.66 v 4r 11.06 11.21 = 11.14 08 07
11.21 r 2v 11.41

✓ 1961 5

10.66 v 1r 10.76
r St

✓ 1955 8

10.66 v 3r 10.96 11.21 = 11.08 12 13
11.21 r 2v 11.41

✓ 1952 3

10.66 v 3r 10.96 11.21 = 11.08 12 13
11.21 r 2v 11.41

✓ 1939 4

10.66 v 3r 10.96 11.11 = 11.04 08 07
11.11 r 3v 11.41

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1903phae.proj..716B

May 22, 1903.

S S Cygni

✓ l 19412

10.66 m 3 r 10.96 11.01 = 10.98 02 03
11.01 r 4 m 11.41

✓ l 19439

10.66 m 3 r 10.96 11.01 = 10.98 02 03
11.01 r 4 m 11.41

✓ l 19473

10.51 l 1 r 10.61 10.36 = 10.48 13 12
10.36 r 3 m 10.66

✓ l 19500

10.51 l 3 r 10.81 10.46 = 10.64 17 18
10.46 r 2 m 10.66

✓ l 19312

10.66 m 1 r 10.76 11.01 = 10.88 12 13
11.01 r 4 m 11.41

✓ l 19319

10.51 l 2 r 10.71 10.36 = 10.54 17 18
10.36 r 3 m 10.66

✓ l 19313

10.51 l 2 r 10.71 10.36 = 10.54 17 18
10.36 r 3 m 10.66

✓ l 19339

10.51 l 3 r 10.81 10.56 = 10.68 13 12
10.56 r 1 m 10.66

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1903phae.proj..716B

May 22, 1903.

SS Cygni

✓ l 19341

10.51 l 1r 10.61 10.36 = 10.48 13 12
10.36 r 2 m 10.66

Loch. l 19350

✓ 10.51 l 3r 10.81
m ?

✓ l 19353

10.51 l 2r 10.71 10.56 = 10.64 07 08
10.56 r 1 m 10.66

✓ l 19370

10.66 m 3r 10.96 11.01 = 10.98 02 03
11.01 r 4m 11.41

✓ l 19375

10.66 m 1r 10.76 11.01 = 10.88 12 13
11.01 r 4m 11.41

✓ l 19380

10.66 m 1r 10.76 11.01 = 10.88 12 13
11.01 r 4m 11.41

✓ l 19297

10.13 l 3r 10.43 10.31 = 10.37 06 06
10.31 r 2l 10.51

✓ l 19278

10.51 l 1r 10.61 10.56 = 10.58 03 02
10.56 r 1m 10.66

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1903phae.proj..716B

May 22, 1903.

SS Cygni

Isoch. l 19201

✓ 7.16 t $\frac{3}{2}$ r 7.46 7.71 = 7.58 12 13

7.71 r 4 c 7.91

Isoch. l 19212

✓ 7.91 c 2 r 8.11 8.33 8.53 = 8.32 21 01 21

r 0 d 8.33

8.53 r 3 e 8.83

✓ l 19220

7.16 t 3 r 7.46 7.71 = 7.58 12 13

7.71 r 2 c 7.91

✓ l 19234

9.08 f 2 r 9.28 9.23 = 9.26 02 03

9.23 r 2 g 9.43

✓ l 19246

9.08 f 3 r 9.38 9.43 9.31 = 9.37 01 06 06

r 0 g 9.43

9.31 r 4 h 9.71

✓ l 19247 Sp.

9.43 g 3 r 9.73 9.51 = 9.62 11 11

9.51 r 2 h 9.71

✓ l 19260

9.43 g 3 r 9.73 9.51 = 9.62 11 11

9.51 r 2 h 9.71

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1903phae.proj..716B

May 22, 1903.

S S Cygni

✓ Q 19263

10.13 b 4r 10.53 10.41 = 10.47 06 06
10.41 r 1 c 10.51

✓ Q 19270

10.51 b 2r 10.71 10.46 = 10.58 13 12
10.46 r 2 m 10.66

Poch. Q 19142

✓ 7.16 b 2r 7.36 7.51 = 7.44 08 07
7.51 r 4c 7.91

Poch. Q 19187

✓ 7.16 b 3r 7.46 7.51 = 7.48 02 03
7.51 r 4c 7.91

Poch. Q 19136 Sp.

✓ 7.16 b 4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

✓ Q 19135 Sp.

7.16 b 4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

Poch. ✓ Q 19134

7.16 b 2r 7.36 7.51 = 7.44 08 07
7.51 r 4c 7.91

✓ Q 19133 Sp.

7.16 b 2r 7.36 7.51 = 7.44 08 07
7.51 r 4c 7.91

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1903phae.proj..716B

May 22, 1903.

SS Cygni

Erythrosin ℓ 19132 Sp.

✓ 7.16	t 3 r	7.46	7.51 = 7.48	02 03
7.51	r 4 C	7.91		

Koch. ℓ 19110

✓ 7.16	t 2 r	7.36	7.51 = 7.44	08 07
7.51	r 4 C	7.91		

Koch. ℓ 19117

✓ 7.16	t 3 r	7.46	7.41 = 7.44	02 03
7.41	r 5 C	7.91		

Erythrosin ℓ 19118 Sp.

✓ 7.16	t 4 r	7.56	7.61 = 7.58	02 03
7.61	r 3 C	7.91		

Koch. ℓ 19119

✓ 7.16	t 4 r	7.56	7.61 = 7.58	02 03
7.61	r 3 C	7.91		

Erythrosin ℓ 19120

✓ 7.16	t 4 r	7.56	7.61 = 7.58	02 03
7.61	r 3 C	7.91		

Koch. ℓ 19122

✓ 7.16	t 3 r	7.46	7.51 = 7.48	02 03
7.51	r 4 C	7.91		

Koch. ℓ 19127

✓ 7.16	t 4 r	7.46	7.61 = 7.54	08 07
7.61	r 3 C	7.91		

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1903phae.proj..716B

May 23 1903.

SS Cygni

✓ l 19128 Sp.

7.16 b 4r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ l 19129 Sp.

7.16 b 3r 7.46 7.71 = 7.58 12 13
7.71 r 2 c 7.91

✓ l 19131 Sp.

7.16 b 3r 7.46 7.61 = 7.54 08 07
7.61 r 3 c 7.91

✓ l 19940

10.66 m 2r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ l 19944

10.66 m 1r 10.76 11.11 = 10.94 18 17
11.11 r 3 m 11.41

✓ l 19908
Poor fl

✓ l 19874

10.66 m 3r 10.96 11.11 = 11.04 08 07
11.11 r 3 m 11.41

✓ l 19857

10.66 m 3r 10.96 11.21 = 11.08 12 13
11.21 r 2 m 11.41

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1903phae.proj..716B

May 23, 1903.

S S Cygni

Erythrosin ℓ 19164 Sp.

✓ 7.16 b3 r 7.46 7.61 = 7.54 08 07
7.61 r 3 c 7.91

✓ ℓ 19163 Sp.
Poor pl.

Ipoch. ✓ ℓ 19159
7.16 b3 r 7.46 7.51 = 7.48 02 03
7.51 r 4 c 7.91

Ipoch. ℓ 19157
✓ 7.16 b2 r 7.36 7.51 = 7.44 08 07
7.51 r 4 c 7.91

✓ ℓ 19156
7.16 b2 r 7.36 7.61 = 7.48 12 13
7.61 r 3 c 7.91

✓ ℓ 19155 Sp.
7.16 b4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ ℓ 19154 Sp.
7.16 b4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ ℓ 19153 Sp.
7.16 b3 r 7.46 7.51 = 7.48 02 03
7.51 r 4 c 7.91

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1903phae.proj..716B

May 23, 1903.

SS Cygni

Epoch. Q 19152

✓ 7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 v 7.91

✓ Q 19146 Sp.
7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 v 7.91

✓ Epoch. Q 19145
7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 v 7.91

✓ Q 19144 Sp.
Poor plate

✓ Q 19143 Sp.
7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 v 7.91

✓ Q 19179 Sp.
7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 v 7.91

✓ Q 19199
7.16 b 3 r 7.46 7.61 = 7.54 08 07
7.61 r 3 v 7.91

✓ Q 19184
7.16 b 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 v 7.91

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May 23, 1903

55 Cygni

Erythrosin 19182 Sp.

✓ 7.16 +4r 7.56 7.61=7.58 02 03
7.61 r3c 7.91

Isoch. 19181

✓ 7.16 +4r 7.56 7.61=7.58 02 03
7.61 r3c 7.91

Isoch. 19180 Sp.

✓ 7.16 +3r 7.46 7.71=7.58 12 13
7.71 r2c 7.91

Isoch. 19175

✓ Poor pl.

✓ 19173 Sp.

7.16 +2r 7.36 7.61=7.48 12 13
7.61 r3c 7.91

✓ 19172 Sp.

7.16 +4r 7.56 7.61=7.58 02 03
7.61 r3c 7.91

Erythrosin 19171 Sp.

✓ 7.16 +3r 7.46 7.61=7.54 08 07
7.61 r3c 7.91

Isoch 19169

✓ 7.16 +3r 7.46 7.71=7.58 12 13
7.71 r2c 7.91

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May 23 1903

S S Cygni

✓ 19168

7.16 +3r 7.46 7.61 = 7.54 08 07
7.61 r 3c 7.91

✓ 19165-

7.16 +3r 7.46 7.51 = 7.48 02 03
7.51 r 4c 7.91

Koch. 19100

✓ 7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

Koch. 19099

✓ 7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

Erythrosin 19097 Sp.

✓ 7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

✓ Erythrosin 19096 Sp.

7.16 +3r 7.46 7.81 = 7.64 18 17
7.81 r 1c 7.91

Koch. 19095

✓ 7.16 +2r 7.46 7.81 = 7.64 18 17
7.81 r 1c 7.91

✓ Koch. 19066 Sp.

7.16 +3r 7.46 7.71 = 7.58 12 13
7.71 r 2c 7.91

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May 23, 1903.

SS Cygni

Loch. 19065
✓ 7.16 +3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

Loch. 19062
✓ 7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r3v 7.91

✓ 19061 Sh.
7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r3v 7.91

Loch. 19060
✓ 7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r3c 7.91

Loch. 19058
✓ 7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r3c 7.91

Loch. 19056
✓ 7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r3c 7.91

Loch. 19054
✓ 7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r3v 7.91

✓
Loch. 19052
7.16 +3r 7.46 7.51 = 7.48 02 03
7.51 2cv 7.91

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May 23 1903.

SS Cygni

Doch. l 19047

✓ 7.16 b 3 r 7.46 7.71 = 7.58 12 13
7.71 r 2 c 7.91

Doch l 19042

✓ 9.43 g 2 r 9.63 9.41 = 9.52 11 11
9.61 r 3 k 9.71

Doch l 19040

✓ 9.43 g 2 r 9.63 9.71 9.93 = 9.76 13 05 17
9.71 r 0 h 9.71
9.93 r 2 k 10.13

✓ l 19037

9.71 h 3 r 10.01 9.93 = 9.97 04 04
9.93 r 2 k 10.13

✓ l 19036

10.13 k 1 r 10.23 10.21 = 10.22 01 01
10.21 r 3 l 10.51

✓ l 19035

10.13 k 1 r 10.23 10.21 = 10.22 01 01
10.21 r 3 l 10.51

✓ l 19022 Sp.

10.51 l 2 r 10.71 10.46 = 10.58 13 12
10.46 r 2 m 10.66

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1903phae.proj..716B

May 23, 1903.

S S Cygni

✓ Q 19020

10.66 m 2 r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ Q 18714

10.66 m a r 10.86 a
m defective

✓ Q 18769

10.66 m 3 r 10.96 11.11 = 11.04 08 07
11.11 r 3 m 11.41

✓ Q 18819

10.66 m 2 r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ Q 18843

10.66 m 4 r 11.06 11.01 = 11.04 02 03
11.01 r 4 m 11.41

Epoch ✓ Q 18892

10.66 m 2 r 10.86 11.01 = 10.94 08 07
11.01 r 4 m 11.41

✓ Q 18934

10.66 m 4 r 11.06 11.11 = 11.08 02 03
11.11 r 3 m 11.41

✓ Q 18947

10.66 m 6 r 11.16 11.11 = 11.14 02 03
11.11 r 3 m 11.41

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1903phae.proj..716B

May 23 1903.

SS Cygni

Epoch. l 18949

✓ 10.66 m 3 r 10.96 11.11 = 11.04 08 07
11.11 r 3 m 11.41

Epoch. l 18967

✓ 10.66 m 4 r 11.06 11.01 = 11.04 02 03
11.01 r 4 m 11.41

~~Epoch.~~ l 18990

✓ 10.66 m 3 r 10.96 11.01 = 10.98 02 03
11.01 r 4 m 11.41

✓ l 18433

10.51 l 3 r 10.81 10.46 = 10.64 17 18
10.46 r 2 m 10.66

✓ l 18457

10.51 l 3 r 10.81 10.46 = 10.64 17 18
10.46 r 2 m 10.66

✓ l 18483

10.13 l 2 r 10.33 10.21 = 10.27 06 06
10.21 r 3 l 10.51

✓ l 18485

7.16 l 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ l 18386

10.18 l 1 A 10.28

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May 23, 1903.

SS Cygni

✓ l 18382 Sp.
Pl spiral tied in reg. of rel.

l 18371

✓ 10.51 l 2r 10.71 10.56 = 10.64 07 08
10.56 r 1 m 10.66

✓ l 18355
10.13 l 3r 10.43 10.21 = 10.32 11 11
10.21 r 3 l 10.51

✓ l 18336
10.66 m 2r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ l 18304
10.13 l 3r 10.43 10.41 = 10.42 01 01
10.41 r 1 l 10.51

✓ l 18299
10.51 l 2r 10.71 10.36 = 10.54 17 18
10.36 r 3 m 10.66

✓ l 18298 Sp.
10.13 l 1 r 10.23

✓ l 18259
10.51 l 2r 10.71 10.36 = 10.53 19 18
10.36 r 3 m 10.66

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1903phae.proj..716B

May 23, 1903.

55 Cygni

✓ 18202

7.16 f 3r 7.46 7.61 = 7.54 08 07
7.61 r 3c 7.91

✓ 18037 th. Pamph

✓ 18513

7.16 f 4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

✓ 18534

7.16 f 3r 7.46 7.61 = 7.54 08 07
7.61 r 3c 7.91

✓ 18544

8.33 d 1r 8.43 8.53 = 8.48 05 05
8.53 r 3e 8.83

✓ 18556

9.08 f 3r 9.38 9.33 = 9.36 02 03
9.33 r 1g 9.43

✓ 18560

9.43 g 3r 9.73 9.41 = 9.57 16 16
9.41 r 3h 9.71

✓ 18575 Ph.

10.51 f 2r 10.71 10.46 = 10.58 13 12
10.46 r 2m 10.66

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1903phae.proj..716B

May 23, 1903.

S S Cygni

✓ ℓ 17175 Sp.

7.16 f 3 r 7.46 7.57 = 7.48 02 03
7.57 r 4 v 7.91

✓ ℓ 17749

10.13 k 3 r 10.43 10.31 = 10.37 06 06
10.31 r 2 k 10.61

✓ ℓ 17739 Sp.

10.13 k 1 r 10.23 10.21 = 10.22 01 01
10.21 r 3 k 10.51

✓ ℓ 17710
Poor pl

✓ ℓ 17695

9.43 g 3 r 9.73 9.41 = 9.57 16 16
9.41 r 3 h 9.71

✓ ℓ 17678

9.08 f 3 r 9.38 9.23 = 9.30 08 07
9.23 r 2 g 9.43

✓ ℓ 17671

7.91 n 2 r 8.11 8.23 = 8.17 06 06
8.23 r 1 d 8.33

✓ ℓ 17649

7.16 f 4 r 7.56 7.71 = 7.64 08 07
7.71 r 2 v 7.91

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1903phae.proj..716B

May 23 1903.

SS Cygni

✓ Q18583
Poor plate

✓ Q18607 Sh.
10.51 b 3 v 10.81 10.36 = 10.58 23 22
10.36 v 3 m 10.66

✓ Q18052
Poor plate

✓ Q18065 Sh.
Poor plate

✓ Q18069
10.66 m 3 v 10.96 11.11 = 11.04 08 07
11.11 v 3 m 11.41

✓ Q18074
Poor plate

✓ Q18109
10.51 b 2 v 10.71 10.36 = 10.54 17 18
10.36 v 2 m 10.66

✓ Q18112
10.13 k 3 v 10.43 10.31 = 10.37 06 06
10.31 v 2 l 10.51

✓ Q18127
Poor plate

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1903phae.proj..716B

May 23, 1903.

S S Cygni

✓ Q 18141

10.13 k 2 r 10.33 10.21 = 10.27 06 06

10.21 r 3 l 10.51

✓ Q 18054

Useless.

✓ Q 18166

9.71 h 3 r 10.01 10.03 = 10.02 01 01

10.03 r 1 k 10.13

✓ Q 18184

10.13 k 2 r 10.33 10.21 = 10.27 06 06

10.21 r 3 l 10.51

✓ Q 17999

9.71 h 3 r 10.01 9.93 = 9.97 04 04

9.93 r 2 k 10.13

✓ Q 17996

10.13 k 2 r 10.33 10.21 = 10.27 06 06

10.21 r 3 l 10.51

✓ Q 17968

10.13 k 3 r 10.43 10.41 = 10.42 01 01

10.41 r 1 l 10.51

✓ Q 17935

10.51 l 2 r 10.71 10.36 = 10.54 17 18

10.36 r 3 w 10.66

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1903phae.proj..716B

May 23, 1903.

δ Cygni.

✓ l 17909

10.13 k 2 r 10.33 10.21 = 10.27 06 06
10.21 r 3 l 10.51

✓ l 17858

10.13 k 3 r 10.43 10.31 = 10.37 06 06
10.31 r 2 l 10.51

✓ l 17763

10.13 k 3 r 10.43 10.41 = 10.42 01 01
10.41 r 1 l 10.51

✓ l 17784

10.13 k 3 r 10.43 10.41 = 10.42 01 01
10.41 r 1 l 10.51

✓ l 17803

10.66 m 2 r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ l 17815

10.13 k 4 r 10.53 10.31 = 10.42 11 11
10.31 r 2 l 10.51

✓ l 17843

10.51 l 1 r 10.61 10.46 = 10.54 07 08
10.46 r 2 m 10.66

✓ l 17213

8.33 α 3 r 8.63 8.63 = 8.63 00 00
8.63 r 2 v 8.86

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1903phae.proj..716B

May 23 1903.

SS Cygni

✓ l 17188 Sp.

7.16 h4r 7.56 7.71 = 7.64 08 07
7.71 r2c 7.91

✓ l 17184

7.16 h3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

✓ l 17174

7.16 h3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

✓ l 17091

7.16 h3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

✓ l 17306

10.57 l3r 10.81 10.46 = 10.64 17 18
10.46 r2m 10.66

✓ l 17314

10.13 h2r 10.33 10.31 = 10.32 01 01
10.31 r2l 10.51

✓ l 17433

10.57 l2r 10.71 10.46 = 10.58 13 12
10.46 r2m 10.66

✓ l 17482

9.71 h1r 9.81 9.93 = 9.87 06 06
9.93 r2k 10.13

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1903phae.proj..716B

May 23, 1903.

SS Cygni

✓ l 17512

10.13 k 3r 10.43 10.31 = 10.37 06 06

10.31 r 2l 10.51

✓ l 17577

10.13 k 2r 10.33 10.21 = 10.27 06 06

10.21 r 3l 10.51

✓ l 17221

9.08 f 2r 9.28 9.33 = 9.30 02 03

9.33 r 1g 9.43

✓ l 17294

10.13 k 1r 10.23 10.31 = 10.27 04 04

10.31 r 2l 10.51

✓ l 18700

10.66 m 1r 10.76 11.11 = 10.94 18 17

11.11 r 3m 11.41

✓ l 18628

10.66 m 2r 10.86 11.01 = 10.94 08 07

11.01 r 4m 11.41

✓ l 18615

10.66 m 4r 11.06 11.21 = 11.14 08 07

11.21 r 2m 11.41

✓ l 18614 Sh.

10.51 l 5r 10.81

m

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May 23, 1903.

SS Cygni

✓ ℓ 18609

10.66 m 2σ 10.86 11.01 = 10.94 08 07
11.01 σ 4m 11.41

✓ ℓ 18603

10.51 ℓ 3σ 10.81 10.46 = 10.64 17 18
10.46 σ 2m 10.66

✓ ℓ 85
Toomuch edge of pl

✓ ℓ 11490 Sp.
Too much edge of film

✓ ℓ 11383

9.08 f 3σ 9.38 9.33 = 9.36 02 03
9.33 σ 1g 9.43

✓ ℓ 11319 Sp.

7.16 k 3σ 7.46 7.51 = 7.48 02 03
7.51 σ 4c 7.91

✓ ℓ 11266

10.13 k 3σ 10.43 10.31 = 10.37 06 06
10.31 σ 2ℓ 10.51

✓ ℓ 11237 Sp.
Off edge of pl

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May 23, 1903.

55 Cygni

✓ l 9675 Sh.

7.16 h 4 r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ l ~~9318~~ 16967

9.71 h 2 r 9.91 9.93 = 9.92 01 01
9.93 r 2 h 10.13

✓ l 16932

10.13 h 3 r 10.43 10.31 = 10.37 06 06
10.31 r 2 l 10.51

✓ l 16903

10.13 h 3 r 10.43 10.31 = 10.37 06 06
10.31 r 2 l 10.51

✓ l 16863

10.13 h 2 r 10.43 10.21 = 10.32 ~~09~~ 11 11
10.21 r 3 l 10.51

✓ l 16834

9.43 g 3 r 9.73 9.41 = 9.57 16 16
9.41 r 3 h 9.71

✓ l 16802

9.43 g 3 r 9.73 9.61 = 9.67 06 06
9.61 r 1 h 9.71

✓ l 16763

9.71 h 1 r 9.81 9.83 = 9.82 01 01
9.83 r 3 k 10.13

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1903phae.proj..716B

May 23, 1903.

SS Cygni

✓ l 16746

10.13 k1r 10.23 10.21 = 10.22 01 01
10.21 r3l 10.51

✓ l 16737

9.71 k2r 9.91 9.83 = 9.87 04 04
9.83 r3k 10.13

✓ l 16723

10.13 k2r 10.33 10.21 = 10.27 06 06
10.21 r3l 10.51

✓ l 16688

9.43 g3r 9.73 9.61 = 9.67 06 06
9.61 r1h 9.71

✓ l 16683

10.13 k1r 10.23 10.21 = 10.22 01 01
10.21 r3l 10.51

✓ l 16655

10.13 k1r 1023 10.11 = 10.17 06 06
10.11 r4l 10.51

✓ l 16624

9.71 h2r 9.91 10.03 = 9.97 06 06
10.03 r1k 10.13

✓ l 16603

9.08 f2r 9.28 9.23 = 9.26 02 03
9.23 r2g 9.43

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1903phae.proj..716B

May 23 1903.

δ Cygni

✓ λ16600

7.91 a 2r 8.11 8.23 = 8.17 06 06
8.23 r 1d 8.33

✓ λ16580

8.33 d 2r 8.53 8.53 = 8.53 00 00
8.53 r 3c 8.83

✓ λ16574

8.33 d 2r 8.53 8.53 = 8.53 00 00
8.53 r 3d 8.83

✓ λ16106

10.13 k 1r 10.23 10.21 = 10.22 01 01
10.21 r 3k 10.51

✓ λ16118

9.71 h 1r 9.81 9.83 = 9.82 01 01
9.83 r 2k 10.13

✓ λ16148

9.71 h 1r 9.81 9.93 = 9.87 06 06
9.93 r 2k 10.13

✓ λ16211

9.43 g 3r 9.73 9.51 = 9.62 11 11
9.51 r 2k 9.71

✓ λ16317

Several exp.

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1903phae.proj..716B

May 23, 1903.

SS Cygni

✓ l 16399 ~~16318~~

10.13 k2r 10.33 10.21 = 10.27 06 06
10.21 r3l 10.51

✓ l 16545

8.83 d2r 8.53 8.63 = 8.58 05 05
8.63 r2l 8.83

✓ l 16096

10.13 k2r 10.33 10.31 = 10.32 01 01
10.31 r2l 10.51

✓ l 16093

10.13 k2r 10.33 10.21 = 10.27 06 06
10.21 r3l 10.51

✓ l 16088

9.43 k g3r 9.73 9.51 = 9.62 11 11
9.51 r2k 9.71

✓ l 16085

10.13 k1r 10.23 10.21 = 10.22 01 01
10.21 r3l 10.51

✓ l 16079

10.13 k3r 10.43 10.31 = 10.37 06 06
10.31 r2l 10.51

✓ l 16033

10.13 k2r 10.33 10.21 = 10.27 06 06
10.21 r3l 10.51

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1903phae.proj..716B

May 23 1903.

SS Cygni

✓ Q 16021

10.13 k 1 r 10.23 10.21 = 10.22 01 01
10.21 r 2 k 10.51

✓ Q 16020

10.13 k 2 r 10.33 10.21 = 10.27 06 06
10.21 r 3 k 10.51

✓ Q 15-990

9.71 k 3 r 10.01 9.93 = 9.97 04 04
9.93 r 2 k 10.13

Q 15-875

✓ 7.16 k 3 r 7.46 7.71 = 7.58 12 13
7.71 r 2 c 7.91

✓ Q 7146

10.13 k 2 r 10.43 10.31 = 10.37 06 06
10.31 r 2 k 10.51

✓ Q 7070
Off edge

Poor ✓ Q 7037

10.13 k 2 r 10.33

✓ Q 8886

9.71 k 3 r 10.01 9.93 = 9.97 04 04
9.93 r 2 k 10.13

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1903phae.proj..716B

May 25, 1903.

S S Cygni

✓ l 8830

10.13 k3r 10.43 10.21 = 10.32 11 11

10.21 r-3k 10.51

✓ l 7383

Off film

✓ l 4335 Sp.

10.13 k1r 10.23 10.11 = 10.17 06 06

10.11 r-4k 10.51

✓ l 7253

Off film

✓ l 7226

Off film

✓ l 4656

8.33 d3r 8.63 8.63 = 8.63 00 00

8.63 r-2d 8.83

✓ l 7402

10.13 k1r 10.23 10.21 = 10.22 01 01

10.21 r-3k 10.51

✓ l 7254

10.51 k2r 10.71 10.36 = 10.54 17 18

10.36 r-3m 10.66

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1903phae.proj..716B

May 25, 1903.

S S Cygni

✓ l7303
Off film

✓ lg301
Asteroid

✓ lg302
10.13 b3v 10.43 10.21 = 10.32 11 11
10.21 v3l 10.51

✓ lg303
Purple

✓ l7009
10.13 b3v 10.43 10.21 = 10.32 11 11
10.21 v3l 10.51

✓ l8940
Off film

✓ l8915
Off film

✓ l15428
10.13 b2v 10.33 10.21 = 10.27 06 06
10.21 v3l 10.51

✓ l13509 Sp.
9.43 g3b 9.7

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1903phae.proj..716B

May 25, 1903.

δ Cygni

✓ l 13508 Sp.
Off edge of pl

✓ l 11801 Sp.
Astonn.

✓ l 11543
Off film

✓ l 11796 Sp.
Off film

✓

Str. edge. l 11958 Sp.
7.91 C 3 r 8.21
d A

✓ l 12068
Off film

✓ l 12154
Too near edge of film

✓ l 13145
8.33 d 2r 8.53 8.53-8.53 00 00
8.53 r 3 v 8.83

✓ l 13359
on pl

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1903phae.proj..716B

May 25, 1903.

S S Cygni

✓ D 13320
Poor ph

✓ D 13368
Offedge of ph

✓ D 13369
10.13 h 2r 10.33 10.21 = 10.27 06 06
10.21 r 3 l 10.31

✓ D 13449
10.13 h 3r 10.43 10.31 = 10.37 06 06
10.31 r 2 l 10.51

✓ D 7013
Poor ph

✓ D 4627
7.16 h 3r 7.46 7.71 = 7.58 12 13
7.71 r 2 c 7.91

✓ D 4377
Poor in neg. of Dec

✓ D 5114 Dk.
7.91 c 2 r 8.11 8.23 = 8.17 06 06
8.23 r 1 d 8.33

✓ D 5273
9.43 9.37 9.73 9.51 = 9.62 11 11
9.51 2 r 9.71

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1903phae.proj..716B

May 25, 1903.

S S Cygni

✓ l 6816

9.43 g 2r 9.63 9.41 = 9.52 11 11
9.41 r 3 h 9.71

✓ l 6990

10.13 k 3r 10.43 10.31 = 10.37 06 06
10.31 r 2l 10.57

✓ l 4265
Off film

✓ l 4076

8.33 d 1r 8.43 8.43 = 8.43 00 00
8.43 r 4l 8.83

✓ l 2779

10.66 m 3r 10.96 11.01 = 10.98 02 03
11.01 r 4m 11.41

✓ l 3778
Poor pl

✓ l 3880
Poor pl

✓ l 3884
Poor pl

✓ l 2556

10.66 m 2r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

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1903phae.proj..716B

May 25, 1903.

SS Cygni

✓ l2419 Sp.
9.43 g2 Sp. 9.63

✓ l2301
10.13 k3 c 10.43 10.31 = 10.37 06 06
10.31 c2 l 10.51

✓ l2215 Sp.
7.91 C1 c 8.01 8.03 = 8.02 01 01
8.03 c3 d 8.33

✓ l2177 Sp.
Poor pl

✓ l2095
7.16 f3 c 7.46 7.71 = 7.58 12 13
7.71 c2 C 7.91

✓ l2060 Sp.
Too marudge

✓ l1945
Poor pl

✓ l1455 Sp.
Poor pl

✓ l1032 Sp.
Poor pl

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1903phae.proj..716B

May 25, 1903.

SS Cygni

✓ l 1685-
Poor pl.

✓ l 1837+21
Poor plate, neg. of rar.

✓ l 1849
9.43 g 3 r 9.73 9.51 = 9.62 11 11
9.51 r 2 k 9.71

✓ l 1944 Sp.
Poor pl.

l 1862 Sp.
Poor plate neg. of rar.

✓ l 1837 Sp.
Poor pl.

✓ l 1662 Sp.
Poor pl.

✓ l 1605- Sp
Poor pl.

✓ l 828 Sp.
Poor pl.

✓ l 30454
10.13 k 3 r 10.43 10.11 = 10.27 16 16
10.11 r 4 k 10.51

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1903phae.proj..716B

May 25, 1903.

S S Cygni

✓ l30449

9.43 g3r 9.73 9.51 = 9.62 11 11
9.51 r2h 9.71

✓ l30439

10.13 k2r 10.33 10.21 = 10.27 06 06
10.21 r3l 10.51

✓ l30437

10.13 k2r 10.33 10.21 = 10.27 06 06
10.21 r3l 10.51

✓ l30436

10.13 k1r 10.23 10.21 = 10.22 01 01
10.21 r3l 10.51

✓ l29944

Poor pl

✓ l29951

9.08 f3r 9.38 9.~~41~~ 13 = 9.~~40~~ 26 02 01 12 13
9.~~41~~ 13 r3g 9.~~77~~ 43

✓ l30101

Poor pl

✓ l30166

10.13 k3r 10.43 10.21 = 10.32 11 11
10.21 r3h 10.51

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1903phae.proj..716B

May 28 1903.

SS Cygni

✓ l 30242
Poor pl

✓ l 30244
Poor pl

/ l ~~30248~~ 29825

10,13 f 3 r 10,43 10,31 = 10,37 06 06
10.31 r 2 l 10.51

✓ l 29803

9.08 f 3 r 9.38 9.33 = 9.36 02 03
9.33 r 1 g 9.43

✓ l 29802

9.43 g 1 r 9.53 9.41 = 9.47 06 06
9.41 r 3 h 9.71

✓ l 29 ~~782~~ 613

10.51 h 3 r 10.81 10.36 = 10.58 23 22
10.36 r 3 m 10.66

✓ l 29699

10.13 k 3 r 10.43 10.21 = 10.32 11 11
10.21 r 3 l 10.51

✓ l 29608
Pl. Trails

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May 25, 1903.

S S Cygni

✓ l 29603
Pl. trails a

✓ l 29602
Poor pl

✓ l 29511
7.16 b2r 7.36 7.71 = 7.54 18 17
7.71 r2c 7.91

✓ l 29504
10.13 b2r 10.33 10.21 = 10.27 06 06
10.21 r3l 10.51

✓ l 29496
Surface

✓ l 29478
10.51 b2r 10.71 10.36 = 10.54 17 18
10.36 r3m 10.66

✓ l 29477
10.51 b3r 10.81 10.56 = 10.68 13 12
10.56 r1m 10.66

✓ ~~Dark.~~ l 29 299
10.13 b2f 10.33

✓ l 29208
10.51 b2r 10.71 10.36 = 10.54 17 18
10.36 r3m 10.66

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1903phae.proj..716B

May 25, 1903.

SS Cygni

✓ l 29 214

10.51 l 2 r 10.71

✓ l 29 215

10.13 l 3 r 10.43 10.31 = 10.37 06 06

10.31 r 2 l 10.51

✓ l 29 213

10.51 l 1 r 10.61

✓ l 29 210

10.66 m 2 r 10.86 11.01 = 10.94 08 07

11.01 r 4 m 11.41

✓ l 29 194

10.13 l 2 r 10.43 10.41 = 10.42 01 01

10.41 r 1 l 10.51

✓ l 29 190

10.51 l 2 r 10.71 10.36 = 10.54 17 18

10.36 r 3 m 10.66

✓ l 29 196

10.51 l 3 r 10.81 10.46 = 10.64 17 18

10.46 r 2 m 10.66

✓ l 29 197

10.66 m 3 r 10.96 11.11 = 11.04 08 07

11.11 r 3 m 11.41

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1903phae.proj..716B

May 25 1903.

S Cygni

✓ l29202

10.51 l 3r 10.81 10.46=10.64 17 18
10.46 r 2m 10.66

✓ l29203

10.51 l 3r 10.81 10.26=10.54 27 28
10.26 r 4m 10.66

✓ l29205

10.13 l 3r 10.43 10.21=10.32 11 11
10.21 r 3l 10.51

✓ l29052

9.43 g 2r 9.63 9.51=9.57 06 06
9.51 r 2h 9.71

✓ l29051

9.43 g 2r 9.63 9.41=9.52 11 11
9.41 r 3h 9.71

✓ l29050

9.43 g 3r 9.73 9.41=9.57 16 16
9.41 r 3h 9.71

✓ l29049

9.43 g 4r 9.83 9.51=9.67 16 16
9.51 r 2h 9.71

✓ l29047

Clarke

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1903phae.proj..716B

May 25, 1903.

SS Cygni

✓ l 29046

9.08 f 3r 9.38 9.23 = 9.30 08 07
9.23 r 2g 9.43

✓ l 29045

9.08 f 3r 9.38 9.23 = 9.30 08 07
9.23 r 2g 9.43

✓ l 29043

9.43 g 2r 9.63 9.41 = 9.52 11 11
9.41 r 3h 9.71

✓ l 29042

9.43 g 2r 9.63 9.41 = 9.52 11 11
9.41 r 3h 9.71

✓ l 29040

9.08 f 4r 9.48 9.23 = 9.36 12 13
9.23 r 2g 9.43

✓ l 29039

9.08 f 4r 9.48 9.13 = 9.30 18 17
9.13 r 3g 9.43

✓ l 29038

9.08 f 2r 9.28 9.13 = 9.20 08 07
9.13 r 3g 9.43

✓ l 29037

9.08 f 4r 9.48 9.13 = 9.30 18 17
9.13 r 3g 9.43

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1903phae.proj..716B

May 25, 1903.

S S Cygni

✓ l29036

9.08 f 3r 9.38 9.23 = 9.30 08 07
9.23 r 2g 9.43

✓ l29035

9.08 f 4r 9.48 9.13 = 9.30 18 17
9.13 r 3g 9.43

✓ l29034

9.08 f 3r 9.38 9.23 = 9.30 08 07
9.23 r 2g 9.43

✓ l29033

9.08 f 4r 9.48 9.13 = 9.30 18 17
9.13 r 3g 9.43

✓ l29032

9.08 f 3r 9.38 9.23 = 9.30 08 07
9.23 r 2g 9.43

✓ l29031

9.08 f 3r 9.38 9.33 = 9.36 02 03
9.33 r 1g 9.43

✓ l29030

9.43 g 2r 9.63 9.41 = 9.52 11 11
9.41 r 3h 9.71

✓ l29028

9.43 g 2r 9.63 9.41 = 9.52 11 11
9.41 r 3h 9.71

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1903phae.proj..716B

May 25, 1903.

S S Cygni

✓ l29027

9.08 f 2r 9.28 9.33 = 9.30 02 03
9.33 r 1g 9.43

✓ l29026

9.43 g 2r 9.63 9.41 = 9.52 11 11
9.41 r 3h 9.71

✓ l29025

9.08 f 3r 9.38 9.13 9.26 12 13
9.13 r 3g 9.43

✓ l29023

9.43 g 1r 9.53 9.41 = 9.47 06 06
9.41 r 3h 9.71

✓ l29021

8.83 l 3r 9.13 8.88 = 9.00 13 12
8.88 r 2f 9.08

✓ l28940

10.51 l 1r 10.61 10.36 = 10.48 13 12
10.36 r 3m 10.66

✓ l28944

10.51 l 2r 10.71 10.56 = 10.64 07 08
10.56 r 1m 10.66

✓ l28947

10.51 l 3r 10.81 10.46 = 10.64 17 18
10.46 r 2m 10.66

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1903phae.proj..716B

May 25, 1903.

SS Cygni

✓ l28949

10.51 l 2r 10.71 10.46 = 10.58 13 12
10.46 r 2m 10.66

✓ l28951

10.51 l 2r 10.71 10.36 = 10.54 17 18
10.36 r 3m 10.66

✓ l28952

10.51 l 2r 10.71 10.46 = 10.58 13 12
10.46 r 2m 10.66

✓ l28939

10.51 l 2r 10.71 10.36 = 10.54 17 18
10.36 r 3m 10.66

✓ l28938

10.66 m 1r 10.76 11.11 = 10.94 18 17
11.11 r 3m 11.41

✓ l28937

10.13 k 1r 10.23 10.21 = 10.22 01 01
10.21 r 2l 10.51

✓ l28935

10.66 m 1r 10.76 11.11 = 10.94 18 17
11.11 r 3m 11.41

✓ l28934

10.66 m 1r 10.76 11.11 = 10.94 18 17
11.11 r 3m 11.41

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1903phae.proj..716B

May 26, 1903

S S Cygni

✓ l 28933

10.66 m 2r 10.86 11.01 = 10.94 08 07
11.01 r 4v 11.41

✓ l 28932

10.51 l 1r 10.61 10.46 = 10.54 07 08
10.46 r 2v 10.66

✓ l 28931

10.51 l 2r 10.71 10.36 = 10.54 17 18
10.36 r 3 l v 10.66

✓ l 28928

10.66 m 1r 10.76 11.01 = 10.88 12 13
11.01 r 4v 11.41

✓ l 28860

10.51 l 1r 10.61 10.36 = 10.48 13 12
10.36 r 3v 10.66

✓ l 28857

10.51 l 3r 10.81 10.36 = 10.58 23 22
10.36 r 3v 10.66

✓ l 28854

10.66 m 1r 10.76 11.01 = 10.88 12 13
11.01 r 4v 11.41

✓ l 28851

10.51 l 2r 10.71 10.36 = 10.54 17 18
10.36 r 3v 10.66

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1903phae.proj..716B

May 26, 1903.

SS Cygni

✓ l 28849

10.66 m 2 r 10.86 11.31 = 11.08 22 23
11.31 r 1 m 11.41

✓ l 28846

10.51 l 3 r 10.81 10.36 = 10.58 23 22
10.36 r 3 m 10.66

✓ l 28845

10.13 k 3 r 10.43 10.31 = 10.37 06 06
10.31 r 2 l 10.51

✓ l 28843

10.51 l 1 r 10.61 10.36 = 10.48 13 12
10.36 r 3 m 10.66

✓ l 28842

10.13 k 3 r 10.43 10.31 = 10.37 06 06
10.31 r 2 l 10.51

✓ l 28841

10.13 k 2 r 10.33 10.21 = 10.27 06 06
10.21 r 3 l 10.51

✓ l 28840

10.51 l 1 r 10.61 10.36 = 10.48 13 12
10.36 r 3 m 10.66

✓ l 28838

10.13 k 3 r 10.43 10.31 = 10.37 06 06
10.31 r 2 l 10.51

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1903phae.proj..716B

May 26, 1903

SS Cygni

✓ l 28837

10.51 l 2 r 10.71 10.36 = 10.54 17 18

10.36 r 3 m 10.66

✓ l 28835

10.13 l 3 r 10.43 10.21 = 10.32 11 11

10.21 r 3 l 10.51

✓ l 28834

10.13 l 3 r 10.43 10.21 = 10.32 11 11

10.21 r 3 l 10.51

✓ l 28833

10.13 l 2 r 10.33 10.41 = 10.37 04 04

10.41 r 1 l 10.51

✓ l 28737

10.66 m 3 r 10.96 11.01 = 10.98 02 03

11.01 r 4 m 11.41

✓ l 28739

10.66 m 2 r 10.86 11.01 = 10.94 08 07

11.01 r 4 m 11.41

✓ l 28796

Poor pl

✓ l 28825

10.13 l 2 r 10.33 10.21 = 10.27 06 06

10.21 r 3 l 10.51

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1903phae.proj..716B

May 26, 1903.

S S Cygni

✓ l 28826

10.51 l 2r 10.71 10.36 = 10.54 17 18

10.36 r 3m 10.66

✓ l 28829

9.71 h 3r 10.01 9.93 = 9.97 04 04

9.93 r 2h 10.13

✓ l 28831

10.51 l 1r 10.61 10.36 = 10.48 13 12

10.36 r 3m 10.66

✓ l 28832

10.13 h 3r 10.43 10.41 = 10.42 01 01

10.41 r 1l 10.51

✓ l 28728

10.66 m 2r 10.86 11.11 = 10.98 12 13

11.11 r 3m 11.41

✓ l 28729

10.51 l 2r 10.81 10.36 = 10.58 23 22

10.36 r 2m 10.66

✓ l 28727

10.66 m 3r 10.96 11.01 = 10.98 02 03

11.01 r 4m 11.41

✓ l 28726

10.66 m 2r 10.86 11.11 = 10.98 12 13

11.11 r 3m 11.41

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1903phae.proj..716B

May 26, 1903.

SS Cygni

l 28725

✓ 10.66 m 2 r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ l 28724

10.13 k 3 r 10.43 10.21 = 10.32 11 11
10.21 r 3 k 10.51

✓ l 28723

10.66 m 2 r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ l 28701

10.66 m 3 r 10.96 11.11 = 11.04 08 07
11.11 r 3 m 11.41

✓ l 28700

10.66 m 2 r 10.86 11.11 = 10.98 12 13
11.11 r 3 m 11.41

✓ l 28698

10.51 l 2 r 10.71 10.56 = 10.64 07 08
10.56 r 1 m 10.66

✓ l 28699

10.51 l 2 r 10.71 10.36 = 10.54 17 18
10.36 r 3 m 10.66

✓ l 28697

10.66 m 3 r 10.96 11.01 = 10.98 02 03
11.01 r 4 m 11.41

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1903phae.proj..716B

May 26, 1903.

SS Cygni

✓ l28696

10.66 m 2 r 10.86 11.01 = 10.94 08 07

11.01 r 4 m 11.41

✓ l28694

10.51 l 3 r 10.81 10.56 = 10.68 13 12

10.56 r 1 m 10.66

✓ l28692

Pomph

✓ l28691

10.66 m 2 r 10.86 11.01 = 10.94 08 07

11.01 r 4 m 11.41

✓ l28630

6.81 a 2 r 7.01 6.96 = 6.98 03 02

6.96 r 2 f 7.16

✓ l28389

7.16 f 3 r 7.46 7.71 = 7.58 12 13

7.71 r 2 c 7.91

✓ l28388

7.16 f 2 r 7.36 7.71 = 7.54 18 17

7.71 r 2 c 7.91

✓ l27877

10.66 m 2 r 10.86 11.11 = 10.98 12 13

11.11 r 3 m 11.41

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1903phae.proj..716B

May 26, 1903.

SS Cygni

✓ l 27783

7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r 3 c 7.91

✓ l 27782 Sp.

7.16 +4r 7.56 7.61 = 7.58 02 03
7.61 r 3c 7.91

✓ l 27~~760~~ 649

10.66 m 3r 10.96 11.01 = 10.98 02 03
11.01 r 4m 11.41

✓ l 27~~647~~ 5-3-2

10.66 m 2r 10.86 11.01 = 10.94 08 07
11.01 r 4m 11.41

✓ l 26000

10.66 m 3r 10.96 11.01 = 10.98 02 03
11.01 r 4m 11.41

✓ l 26018

7.16 +2r 7.36 7.61 = 7.48 12 13
7.61 r 3c 7.91

✓ l 26022

7.16 +4r 7.56 7.71 = 7.64 08 07
7.71 r 2c 7.91

✓ l 26113

7.16 +3r 7.46 7.61 = 7.54 08 07
7.61 r 3c 7.91

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1903phae.proj..716B

May 26, 1903.

SS Cygni

✓ l26356

7.16 t3r 7.46 7.61 = 7.54 08 07
7.61 r3c 7.91

✓ l26559

7.16 t4r 7.56 7.61 = 7.58 02 03
7.61 r4c 7.91

✓ l26865

7.16 t3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

✓ l27335

7.16 t3r 7.46 7.81 = 7.64 18 17
7.81 r1c 7.91

✓ l16124

10.13 b3r 10.43 10.31 = 10.37 06 06
10.31 r2l 10.51

✓ l16165

8.33 d3r 8.63 8.53 = 8.58 05 05
8.53 r3l 8.83

✓ l16476

10.13 b3r 10.43 10.31 = 10.37 06 06
10.31 r2l 10.51

✓ l16057

10.13 b2r 10.33 10.21 = 10.27 06 06
10.21 r3l 10.51

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1903phae.proj..716B

May 26, 1903

SS Cygni

✓ l16060

9.43 g2r 9.63 9.51 = 9.57 11 06 06
9.51 r2h 9.71

✓ l16044

9.43 g4r 9.83 9.51 = 9.67 16 16
9.51 r2h 9.71

✓ l16035
Doubtful

✓ l13-464

9.43 g3r 9.73 9.51 = 9.62 11 11
9.51 r2h 9.71

✓ l22823

7.16 h2r 7.36 7.51 = 7.44 08 07
7.51 r4c 7.91

Disch. l19057

✓ 7.16 h2r 7.36 7.61 = 7.48 12 13
7.61 r3c 7.91

✓ l18734

10.51 l2r 10.71 10.36 = 10.54 17 18
10.36 r3m 10.66

✓ l18760

10.51 l3r 10.81 10.46 = 10.64 17 18
10.46 r2m 10.66

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1903phae..proj..716B

May 26, 1903

SS Cygni

✓ Q18404

10.66 m2r 10.86 11.01 = 10.94 08 07
11.01 r4m 11.41

✓ Q19.15-8 Sp.

7.16 t4r 7.56 7.61 = 7.58 02 03
7.61 r3v 7.91

✓ Q24823
Pompb

✓ Q6818
Off film

✓ Q4089 Sp.

8.83 e3r 9.13 8.88 = 9.00 13 12
8.88 r2f 9.08

✓ Q28862

10.66 m2r 10.86 11.11 = 10.98 12 13
11.11 r3m 11.41

✓ Cg295

10.13 b1r 10.23 10.31 = 10.27 04 04
10.31 r2b 10.51

✓ Cg296

10.13 b2r 10.33 10.11 = 10.22 11 11
10.11 r4b 10.51

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1903phae.proj..716B

May 26, 1903.

SS Cygni

✓ C 7334

g h 9.51
r 2 k 9.71 9.51

✓ C 7335

h 2 r 9.91 9.83 = 9.87 04 04
r 3 k 10.13 9.83

✓ C 7335-3

g h 9.51
r 2 h 9.71 9.57

✓ C 7354

h 2 r 9.91 9.71
k h

✓ C 8569

h
g 4 r 10.11 9.71
k h

✓ C 8570

Poor pl.

✓ C 8639

f 3 r 9.38 9.23 = 9.30 08 07
r 2 g 9.43 9.23

✓ C 8640

f 2 r 9.28 9.13 = 9.20 08 07
r 3 g 9.43 9.13

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1903phae.proj..716B

May 26, 1903.

SS Cygni

✓ C 9672

9.08 f 3r 9.38 9.23 = 9.30 08 07
9.23 r 2g 9.43

✓ C 9673

9.08 f 2r 9.28 9.13 = 9.20 08 07
9.13 r 3g 9.43

✓ C 6863

Poorpl

✓ C 6862

Poorpl

✓ C 5663

9.71 h 3r 10.01 9.93 = 9.97 04 04
9.93 r 2h 10.13

✓ C 5662

9.71 h 3r 10.01
k h

✓ C 5216

g h 9.51
9.51 r 2h 9.71

✓ ~~C 5218~~ C 4318

9.71 h 2r 9.91 10.03 = 9.97 06 06
10.03 r 1k 10.13

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1903phae.proj..716B

May 26, 1903.

S S Cygni

✓ C 4302
d 1 8.03
8.03 r 3 c 8.33

✓ C 4291
1 1 7.51
7.51 r 4 C 7.91

✓ C 4272
1 1 7.41
7.41 r 5 C 7.91

✓ C 4271
1 1 7.51
7.51 r 4 C 7.91

✓ AC 3100
9.71 h 3 r 10.01 9.83 = 9.92 09 09
9.83 r 3 h 10.13

✓ AC 3104
8.33 d 2 r 8.53 8.63 = 8.58 05 05
8.63 r 2 c 8.83

✓ AC 2748
10.13 h 2 1 10.33

✓ AC 914
7.16 1 2 r 7.36 7.61 = 7.48 12 13
7.61 r 3 C 7.91

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1903phae.proj..716B

May 27, 1903.

SS Cygni

✓ AC 2758
10.51 f1r 10.61
m ?

✓ AC 1695
7.16 f3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

✓ AC 1736
Pl. trailed

✓ AC 1768
9.08 f2 9.28

✓ AC 1834
9.71 h1 9.81

✓ AC 1870
7.16 f4r 7.56 7.51 = 7.54 02 03
7.51 r4c 7.91

✓ AC 1639
9.08 f1 9.18

✓ AC 95
Too near edge of film

✓ AC 1175
Poor pl.

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1903phae.proj..716B

May 27, 1903.

S Cygni

✓ AC 509
10.13 k3r 10.43
l A=

✓ AC 668
6.81 a3r 7.11 8.96 = 7.04 07 08
8.96 a-2f 7.16

✓ AC 852
10.13 k2r 10.33
l A=

✓ AC 3368
9.71 k1 A= 9.81

✓ AC 3159
10.13 k1 A= 10.23

✓ AC 35-39
9.08 f3r 9.38
g A=

✓ AC 3519
9.08 f2 A= 9.28

✓ AC 1572
9.71 k2r 9.91 10.03 = 9.97 d6 d6
10.03 a1 k2 10.13

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1903phae.proj..716B

May 27, 1903.

S S Cygni

✓ AC 1613
Pl. trailed

✓ AC 1667
8.83 e 2' r 8.93 8.98 = 8.96 03 02
8.98 r 1 f 9.08

✓ AC 2974
9.43 g 1 St 9.53

✓ AC 2946
10.51 l 2 r 10.71 10.36 = 10.54 17 18
10.36 r 3 m 10.66

✓ AC 2883
10.13 l 3 r 10.43 10.31 = 10.37 06 06
10.31 r 2 l 10.51

✓ AC 2863
10.13 l 4 r 10.53
l St

✓ AC 2740
9.71 h 3 St 10.01

✓ AC 2664
9.71 h 1 St 9.81

✓ AC 2649
10.13 h 2 2 St 10.33

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1903phae.proj..716B

May 27, 1903.

S S Cygni

✓ AC 2511

10.13 k 3r 10.43 10.41 = 10.42 01 01

10.41 r 1 k 10.51

✓ AC 1641

Poor Pl.

✓ AC 1172

Poor pl.

✓ AC 2699

Poor pl.

✓ AC 2310

10.13 k 1 t 10.23

✓ AC 2930

10.51 k 3r 10.81 10.46 = 10.64 17 18

10.46 r 2m 10.66

✓ AC 84

Poor pl.

✓ AC 1399

Poor pl.

✓ AC 1984

10.51 k 1r 10.61 10.46 = 10.54 07 08

10.46 r 2m 10.66

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1903phae.proj..716B

May 27, 1903.

SS Cygni

✓ AC1966

10.13 k3r 10.43 10.41 = 10.42 01 01
10.41 r1l 10.51

✓ AC2100

Poorly

✓ AC1864

7.16 l2r 7.36 7.51 = 7.44 08 07
7.51 r4c 7.91

✓ Lpoor. AC2806

Poorly

✓ AC2142

10.66 m1r 10.76
r Ap ?

✓ AC2823

7.16 l2r 7.36 7.51 = 7.44 08 07
7.51 r4c 7.91

✓ AC2990

6.81 a3r 7.11 6.96 = 7.04 07 08
6.96 r2l 7.16

✓ AC2814

9.71 h1 Ap 9.81

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1903phae.proj..716B

May 27, 1903.

SS Cygni

✓ AC 3584
10.13 R I A 10.23

✓ AC 1850
10.13 R I A 10.23

✓ AC 1573
Too near edge of plate

✓ AC 1153
Class G

✓ AC 406
Class G

✓ AC 459
Class G

✓ AC 2038
Class G

✓ AC 2516
Class G

✓ AC 2082
Class G

✓ AC 1904
Class G

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1903phae.proj..716B

May 27, 1903.

SS Cygni

✓ AC 1905
Class G.

✓ AC 1878
Class G.

✓ AC 1642
Poor pb

✓ AC 1628
Poor pb

✓ AC 1906
Poor pb

✓ AC 2928
Poor pb

✓ AC 2919
Poor nebulous pb

✓ AC 2920
10.51 b2 N 10.71

✓ AC 2578
10.13 b2 N 10.33

✓ AC 391
10.13 b1 10.23
b N

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1903phae.proj..716B

May 27, 1903.

SS Cygni

✓ AC 1783

10.13 k 1r 10.23 10.41 = 10.32 09 09
10.41 r 1l 10.51

✓ AC 1753
Pl. trailed

✓ AC 1732

10.13 k 2r 10.33 10.31 = 10.32 01 01
10.31 r 2l 10.51

✓ AC 1684

7.16 k 2r 7.36 7.51 = 7.44 08 07
7.51 r 4c 7.91

✓ AC 1635

10.13 k 2 St 10.33

✓ AC 825

10.13 k 2r 10.33
r 1 St

✓ AC 1619

10.13 k 2 St 10.33

✓ AC 1583

10.51 l 1 St 10.61

✓ AC 1064

10.51 l 2r 10.71 10.56 = 10.64 07 08
10.56 r 1m 10.66

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1903phae.proj..716B

May 27, 1903.

S S Cygni

✓ AC1577
9.71 h1 N 9.81

✓ AC886
Poor pl

✓ AC830
9.43 g1 N 9.53

✓ AC577
10.13 k3 r 10.43 10.31 = 10.37 06 06
10.31 r2 l 10.51

✓ AC474
9.71 h1 N 9.81

✓ AC354
10.13 l2 N 10.23

✓ AC316
7.16 l2 r 7.36 7.51 - 7.44 08 07
7.51 r4 c 7.91

✓ AC302
10.13 l2 N 10.23

✓ AC335
10.13 l2 N 10.23

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1903phae.proj..716B

May 27 1903.

S S Cygni

✓ AC 136
10.51 l 1 ≡ 10.61

✓ AC 434
10.13 k 2 r 10.33
l 1 ≡ ?

✓ AC 2801
Poor pb

✓ AC 2679
10.13 k 3 r 10.43 10.41 = 10.42 01 01
10.41 r 1 l 10.51

✓ AC 2631
9.71 k 3 r 10.01 10.03 = 10.02 01 01
10.03 r 1 k 10.13

✓ AC 15-97
Poor pb

✓ AC 2593
10.13 k 2 r 10.33 10.21 = 10.27 06 06
10.21 r 3 l 10.51

✓ AC 2171
10.13 k 2 1 ≡ 10.33

✓ AC 2074
Too much comn

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1903phae.proj..716B

May 27 1903

S S Cygni

✓ AC2062

7.16 h2r 7.36 7.51 = 7.44 08 07
7.51 r4c 7.91

✓ AC2043

7.16 h3r 7.46 7.71 = 7.58 12 13
7.71 r2c 7.91

✓ AC2015

10.13 h3r 10.43 10.41 = 10.42 01 01
10.41 r1h 10.51

✓ AC1881

7.91 c3r 8.21 8.13 = 8.17 04 04
8.13 r2d 8.33

✓ AC1843

10.13 h2r 10.33 10.31 = 10.32 01 01
10.31 r2h 10.51

✓ AC1803

9.71 h2r 9.91

✓ AC1603

7.91 c3r 8.21 8.13 = 8.17 04 04
8.13 r2d 8.33

✓ AC988

10.13 h1r 10.23
h1r

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1903phae.proj..716B

May 27 1903.

S S Cygni

✓ D29719
Poor/b

✓ AC 3958
10.13 k3r 10.43
l A=

✓ AC 1985
10.51 l1r 10.61
m A=

AC 1942
✓
10.13 k2r 10.33 10.31 = 10.32 01 01
10.31 r2l 10.51

✓ AC 1900
10.13 k2r 10.33 10.31 = 10.32 01 01
10.31 r2l 10.51

✓ AC 1892
8.33 d2r 8.53 8.53 = 8.53 00 00
8.53 r3l 8.83

✓ AC 1833
9.08 f3 St 9.38

✓ AC 1737
Poor/b

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1903phae.proj..716B

May 27 1903.

SS Cygni

✓ AC1662
10.13 k1 A 10.23

✓ AC1579
10.13 k1 A 10.23

✓ AC3092
10.13 k3r 10.43 10.31 = 10.37 06 06
10.31 r2l 10.51

✓ AC3068
10.13 k2 A 10.33

✓ AC3050
10.51 l3r 10.81 10.46 = 10.64 17 18
10.46 r2m 10.66

✓ AC3043
Pl. trailed

✓ AC2979
6.81 a3r 7.11 6.96 = 7.04 07 08
6.96 r2 v 7.16

✓ AC2909
10.13 k1 r 10.23
l A?

✓ AC2867
10.13 k2 r 10.33
l A

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1903phae.proj..716B

May 27, 1903.

S S Cygni

✓ AC 2761

9.71 h 2 A 9.91

✓ AC 3146

9.71 h 2 A 9.91

✓ AC 3101

10.51 l 2 r 10.71 10.46 = 10.58 13 12

10.46 r 2 m 10.66

✓ AC 1240

7.16 t 3 r 7.46 7.51 = 7.48 02 03

7.51 r 4 c 7.91

✓ AC 1052

10.51 l 1 r 10.61

m A

✓ AC 3105

8.33 d 3 r 8.63 8.63 = 8.63 00 00

8.63 r 2 l 8.83

✓ AC 3077

10.13 k 3 r 10.43 10.31 = 10.37 06 06

10.31 r 2 l 10.51

✓ AC 3041

10.13 k 1 A 10.23

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1903phae.proj..7168

May 27 1903.

S S Cygni

✓ AC 3020

10.13 h 3 r 10.43 10.31 = 10.37 06 06

10.31 r 2 l 10.51

✓ AC 2889

10.13 h 3 r 10.43 10.31 = 10.37 06 06

10.31 r 2 l 10.51

✓ AC 2859

10.13 h 1 A 10.23

✓ AC 2853

9.71 h 2 A 9.91

✓ AC 1125

Poor plate

✓ AC 2583

10.51 l 2 r 10.71 10.46 = 10.58 13 12

10.46 r 2 m 10.66

✓ AC 2241

9.71 h 3 A 10.0

✓ AC 2076

7.16 h 3 r 7.46 7.71 = 7.58 12 13

7.71 r 2 c 7.91

✓ AC 2037

10.13 h 2 r 10.33

l 2

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1903phae.proj..716B

May 27, 1903.

S S Cygni

✓ AC 2747
10.51 l 9r 10.81
m St

✓ AC 2692
Plate trailed

✓ AC 2656
Poor pl

✓ AC 1919
Poor pl

✓ AC 1196
9.08 f 2r 9.28 9.18 9.20 08 07
9.13 r 3g 9.43

✓ AC 2968
10.13 k1 St 10.23

✓ AC 2000
9.71 h1 St 9.81

✓ AC 1957
9.43 g3 St 9.73

✓ AC 67
Foggy edges of pl

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1900phae.proj..7168

May 27 1903.

S S Cygni

✓ AC 66
Poor pb

✓ AC 954
Poor mix. of rays.

✓ AC 902
9.08 f1 A 9.18

✓ AC 570
Poor pb

✓ AC 487
10.13 k 2r 10.33
l A

✓ AC 467
Low idp.

✓ AC 399
10.51 l 2r 10.71
m A

✓ AC 396
Poor mix. of rays.

✓ AC 373
9.43 g 3 A 9.73

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1903phae.proj..716B

May 27, 1903.

S S Cygni

✓ AC 103
9.71 h 2 ⊥ 9.91

✓ AC 3190
9.71 h 2 r 9.91 9.93 = 9.92 01 01
9.93 r 2 h 10.13

✓ AC 1646
Too near corner

✓ l 15874
Too near edge of pl

✓ l 16318
Off film C 11322
h ⊥

✓ l 30357
7.71 r 2 C 7.91
Star on

✓ l 30442
h 2 r 10.33 10.21 = 10.27 06 06
10.13 r 3 l 10.51
10.21 r 2 C 7.91
1.71

✓ l 30453
9.71 h 2 r 9.91 10.03 = 9.97 06 06
10.03 r 1 2 10.13

l 30455
10.13 h 2 r 10.33 10.21 = 10.27 06 06
10.21 r 3 l 10.51

✓ l 20531
12 13
7.16 h 2 r 7.36 7.61 = 7.48
7.61 r 3 C 7.91

✓ l 24198 h.
9.08 f 1 r 9.18
g n

✓ C 15215
9.08 f 3 g r 9.58
g ⊥

✓ C 11315
12 13
7.71 7.16 h 3 r 7.46 7.71 = 7.58
7.71 r 2 C 7.91

✓ C 11325
h ⊥
7.71

✓ C 11317
Too poor

✓ C 11318
03 01
7.91 C 2 r 8.11 8.13 = 8.12
8.13 r 2 d 8.33

C 11319
08 07
7.16 h 4 r 7.56 7.71 = 7.64
7.71 r 2 C 7.91

✓ C 11320
08 07
7.16 h 3 r 7.46 7.61 = 7.54
7.61 r 3 C 7.91

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1903phae.proj..716B

June 2, 1903.

Re-Meas. of ζ Bootis

l 17954
l 3 r
r 2 n
Val. 2 n 1 r
l 85-02
l 3 S_2

Val. 2 l 2 r
n S_2

l 10914
l 3 r
n S_2
Val. 2 12.60 l 4 r 13.0
n S_2

l 23001
l 4 r
n S_2
Val. 2 l 5 r
n S_2

l 24416
l 4 r
r 3 n
Val. 2 l 4 r
r 2 n

l 25373
l 4 r
n S_2

l 4 r
n S_2

l 17601
l 3 S_2

12.60 l 3, S_2 12.90

l 25390
l 3 r
n S_2

l 2 r
n S_2

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1903phae.proj..716B

SS Cygni

✓ a 1638

10.13 k 3 r 10.43 10.31 = 10.37 06 06

10.31 r 2 k 10.31

✓ a 1629

10.51 l 1 k 10.61

✓ a 877

9.71 k 3 r 10.01 9.93 = 9.97 04 04

9.93 r 2 k 10.13

✓ a 847

9.43 q 3 r 9.73 9.51 = 9.62 11 11

9.51 r 2 k 9.71

✓ a 822

9.08 f 1 r 9.18 9.23 = 9.20 02 03

9.23 f 2 q 9.43

✓ a 808

8.83 e 2 r 9.03 8.98 = 9.00 03 02

8.98 r 1 f 9.08

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1903phae.proj..716B

June ~~May~~ 9 1903.

" = " - Cham.

θ Aquadjo and Comp. Star "b" Val. 2
13h 24m.6 -77° 3' (1900)
Comp. stars marked on B3788

✓ B3788
7.96 e 1 r 8.06 8.06 = 8.06 00 00
8.06 r 3 f 8.36
✓ Var. 2 7.04 p 2 r 7.24 7.39 = 7.32 08 07
7.39 r 2 d 7.59

✓ B18936
7.96 e 2 r 8.16 8.26 = 8.21 05 05
8.26 r 1 f 8.36
✓ Var. 2 d st 7.64
7.64 r 2 e 7.84

✓ B13468 Sp.
✓ Var. 1 + Var. 2

✓ B15541
a st 7.24
7.24 r 2 f 7.44
✓ Var. 2 d st 7.44
7.44 r 4 e 7.84

✓ B7271
Poor field

✓ B12996
a st 7.14
7.14 r 3 f 7.44
✓ Var. 2 d st 7.64
7.64 r 2 e 7.84

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1903phae.proj..716B

June 9, 1903.

θ Aphodis + "f"

✓ B5064

7.84	d 1 r	7.94	7.76	= 7.85	09	09
7.76	r 2 f	7.96				
✓ Val. 2 7.59	d 1 r	7.69	7.54	= 7.62	07	08
7.54	r 3 f	7.84				

✓ B20946

7.44	f 2 r	7.64	7.69	= 7.66	02	03
7.69	r 1 c	7.79				
✓ Val. 2 6.70	a 3 r	7.00	6.82	= 6.91	09	09
6.82	r 2 f	7.02				

Poor plate B3989

✓ Val. 1 6.84	a 2 r	7.04	7.14	= 7.09	05	05
7.14	r 3 f	7.44				

✓ B3751

7.84	d 1 r	7.94	7.76	= 7.85	09	09
7.76	r 2 f	7.96				
✓ Val. 2 7.04	c 2 r	7.24	7.49	= 7.36	12	13
7.49	r 1 d	7.59				

B5129

Off edge

✓ Val. 2 ~~d 2 r~~

~~r 3 f~~

Poor plate B11003

Off film

✓ Val. 2 Too near edge

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1903phae.proj..716B

June 9, 1903.

θ Aquadis + t

B9359
Off pl.

✓ Val. 2 d A 7.34
7.34 r 5 e 7.84

B11088
Off pl.

✓ Val. 2 6.70 a 3 r 7.00 6.82 = 6.91 09 09
6.82 r 2 b 7.02

✓ B9229
Usules

✓✓ B11093
Class G.

✓ B11007
Val. 1 7.44 b 2 r 7.64 7.49 = 7.56 08 07
7.49 r 3 c 7.79

✓ B6340
Val. 1 6.84 a 3 r 7.14 7.24 = 7.19 05 05
7.24 r 2 d 7.44

✓ B3858
Val. 1 6.84 a 2 r 7.04 7.14 = 7.09 05 05
7.14 r 3 b 7.44

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1903phae.proj..716B

June 9, 1903.

θ Aphrodisium

✓ B 11844

Val. 1 7.84 d 1m 7.94 7.76 = 7.85 09 09
7.76 r 2d 7.96

✓ B 3-457 Sp.

✓ B 8300 Sp.

✓ B 9393

7.44 f 2m 7.64 7.49 = 7.56 08 07
7.49 r 3 C 7.79

✓ Val. 2 7.04 e 1m 7.14 7.29 = 7.22 08 07
7.27 r 3d 7.59

✓ B 9333

a f 7.14

7.14 r 3 f 7.44

✓ Val. 2 d f 7.54

7.54 r 3 e 7.84

✓ B 5025 Sp.

✓ B 19316

Val. 1 6.84 a 3 5 7.14 7.24 = 7.19 05 05
7.24 r 2 f 7.44

~~Val. 2~~

✓ B 11061

Class C

B 5858

✓ Val. 2 6.70 a 2 5 6.90 6.82 = 6.86 04 04
6.82 r 3 5 7.02

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1903phae..proj..716B

June 9, 1903.

θ Aurigae "f"

✓ B6466
Val. 2 6.70 a 2r 6.90 6.92 = 6.91 01 01
6.92 r 1f 7.02

✓ B6471
Val. 2 6.70 a 1r 6.80 6.92 = 6.86 06 06
6.92 r 1f 7.02

B 12879
✓ Val. 2 7.84 e 3r 8.14
f St

✓ Val. 2 B12991
7.04 c 1r 7.14 7.39 = 7.26 12 13
7.39 r 2d 7.59

✓ B13204
Val. 2 6.70 a 2r 6.90 6.82 = 6.86 04 04
6.82 r 2f 7.02

Val. 2 B7452
✓ 7.04 c 1r 7.14 7.39 = 7.26 12 13
7.39 r 2d 7.59

✓ B9332
a St 7.24
✓ 7.24 r 2f 7.44
Val. 2 6.70 a 2r 6.90
f St

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1903phae.proj..716B

June 9, 1903.

θ Aquadis + 7"

B 7631 Sp.
Var 142

Var. 2 B 16217 Sp.
d N 7.44
7.44 r 4e 7.84

B 13-620 Sp.
Var. 142

B 8301 Sp.
Var. 142

B 12880 Sp.
Var. 142

Clark B 9594
Var. 142

B 5438
Var. 142

B 8192 Sp.
Var. 142

B 16269
Var. 1 7.44 f 2r 7.64 7.49 = 7.56 08 07
7.49 r 3 C 7.79
Var. 2 6.70 a 2r 6.90 6.92 = 6.91 01 01
6.92 r 1f 7.02

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1903phae.proj.7168

June 9 1903.

+ Afrodis + L"

✓ B9362

Var. 1 6.84 a3c 7.14 7.24 = 7.19 05 05
7.24 c2f 7.44

✓ Var. 2 6.70 a3c 7.00 6.92 = 6.96 04 04
6.92 c1b 7.02

✓ B5403

7.79 c2c 7.99 7.74 = 7.86 13 12
7.74 c1d 7.84

✓ Var. 2 7.59 d1c 7.69 7.64 = 7.66 03 02
7.64 c2d 7.84

✓ B8031 Sp.
Var. 2

✓ B21492

6.84 a2c 7.04 7.34 = 7.19 15 15
7.34 c1b 7.44

✓ Var. 2 7.04 c2c 7.24 7.49 = 7.36 12 13
7.49 c1d 7.59

✓ B7374 Sp.
Var. 1+2

✓ B5067

6.84 a2c 7.04 7.14 = 7.09 05 05
7.14 c3b 7.44

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1903phae.proj..716B

June 9, 1903.

θ Aquadis "f"

B 6412

✓ Var. 2 7.02 f 1 r 7.12 6.84 : 6.98 14 14
6.84 r 2 c 7.04

B 16556

✓ Var. 2 Too much edge off plate

✓ B 8033 Sp.
Var. 1

✓ B 7710 Sp.
Var. 1

✓ B 11157
Var. 1 Too much edge of film

✓ Var. 1 B 12948
7.44 f 1 r 7.54 7.59 : 7.56 02 03
7.59 r 2 c 7.79

✓ Var. 1 B 11005
6.84 a 3 r 7.14 7.24 : 7.19 05 05
7.24 r 2 b 7.44

✓ Var. 2 7.04 c 2 r 7.24 7.39 : 9.32 08 07
7.39 r 2 d 7.59

✓ Var. 1 B 9271
a 1 r 7.14
7.14 r 3 f 7.44

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1903phae.proj..716B

June 10, 1903

θ Aquilæ 4 "f"

Var. 1 B 3322

7.44 f 1r 7.54 7.59 = 7.56 02 03
7.59 r 2c 7.79

B 3768

Var. 1 6.84 a 3r 7.14 7.34 = 7.24 10 10
7.34 r 1 b 7.44

Var. 2 6.70 a 3r 7.00 6.92 = 6.96 04 04
6.92 r 1 b 7.02

B 9499 Sp.
Var. 1

B 9272

Var. 1 7.44 f 2r 7.64 7.69 = 7.66 02 03
7.69 r 1c 7.79

B 5085 Sp.

Var. 1

B 11112

Var. 1 a f
7.14 r 2 b 7.44

B 13169

Var. 1 a f
7.14 r 3 b 7.44

B 11074

Var. 1 Class C.

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1903phae.proj..716B

June 10, 1903.

δ Aphrodite "1"

✓ B7286 Sp.

Val. 1

✓ Val. 1 B4794

6.84 + a 3 r 7.14 7.14 = 7.14 00 00

7.14 r 3 b 7.44

✓ Val. 1 B10982

a b 7.44

7.14 r 3 b 7.44

B16255

✓ Val. 1 6.84 a 3 r 7.14 7.24 = 7.19 05 05

7.24 r 2 b 7.44

✓ B26916

Val. 1 7.44 + 1 r 7.54 7.59 = 7.56 02 03

7.59 r 2 c 7.79

✓ Val. 2 6.70 a 2 r 6.90 6.92 = 6.91 01 01

6.92 r 1 b 7.02

✓ Val. 1 B12997

6.84 a 3 r 7.14 7.14 = 7.14 00 00

7.14 r 2 b 7.44

✓ Val. 2 6.70 a 2 r 6.90 6.72 = 6.81 09 09

6.72 r 3 b 7.02

✓ Val. 1 B16674 7.49 = 7.56 08 07 ✓ Val. 2

7.44 + 2 r 7.64 6.70 a 3 r 7.00 682 = 6.91 09 09

7.49 r 2 c 7.79 682 r 2 b 7.02

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1903phae..proj..716B

June 10, 1903.

θ Aquilæ "4"

Var. 1 B 25003

6.84 a 3r 7.14 7.24 = 7.19 05 05
7.24 r 2b 7.44

✓ Var. 2 6.70 a 3r 7.00 6.72 = 6.74 01 86 14 4
6.72 r 3b 7.02

✓

Var. 1 B 11140

7.44 b 2r 7.64 7.59 = 7.62 02 03
7.59 r 2c 7.79

✓ Var. 2 7.04 c 2r 7.24 7.39 = 7.32 08 07
7.39 r 2d 7.59

✓

Var. 1 B 18639

6.84 a 3r 7.14 7.24 = 7.19 05 05
7.24 r 2b 7.44

✓ Var. 2 7.04 c 1r 7.14 7.49 = 7.32 18 17
7.49 r 1d 7.59

Var. 1 B 19160 Sp.
✓ Var. 1 & 2

✓ B 12881 Sp.
Var. 1

✓ B 19035 Sp.
Var. 1

✓ B 13441 Sp.
Var. 2

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1903phae.proj..716B

June 19, 1903.

Orbits of "1"

✓ Val. 2 B5401
7.02 t2 = 7.22 694 = 7.08 14 14
6.94 = 1 C 7.04

✓ B3390 Sp.
Val. 1

✓ Val. 2 B9301
Too near edge of film

✓✓ B7321 Sp.
Val. 1 & 2

✓ B16218
Val. 1 a t 7.14
7.14 = 3 t 7.44
✓ Val. 2 Too near edge of film

B5885 Sp.
Val. 1 & 2

✓✓ B11717 Sp.
Val. 1 & 2

B13763 Sp.
✓ Val. 1 & 2

✓ B5066
Val. 2 6.70 a 3 = 7.00 682 = 6.91 09 09
682 = 2 b 7.02

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1903phae.proj..716B

June 19 1903

θ Aquilæ "f"

✓ B10821 Sh.
Val. 1 4 2

✓ B5065
Val. 2 Too near edge.

B18901
✓ Val. 2 Too near edge of film

✓ B10968
Val. 2 7.04 c 2 r 7.24 7.29 = 9.26 02 03
7.29 r 3 d 7.59

B9228
Val. 2 Too near comet.

Val. 2 B7252
✓ 7.04 c 2 r 7.24 7.29 = 7.26 02 03
7.29 r 3 d 7.59

✓ B11113
Val. 1 a St. 7.14
7.14 r 3 t 7.44
✓ Val. 2 Too near edge of film

✓ B5005
Val 1 7.84 d 1 r 7.94 7.76 = 7.85 09 09
7.76 r 2 e 7.96
✓ Val 2 7.02 t 3 r 7.32 6.84 = 7.08 24 24
6.84 r 2 c 7.04

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1903phae.proj..716B

June 10, 1903.

θ Aquilæ + "b"

B 9302

✓ Val. 2 6.70 a 3 r 7.00 6.92 = 6.96 04 04
6.92 r 1 t 7.02

✓ B 6348

Val. 1 6.84 a 3 r 7.14 7.04 = 7.09 05 05
7.04 r 4 t 7.44

✓ Val. 2 6.70 a 3 r 7.00 6.82 = 6.91 09 09
6.82 r 2 t 7.02

✓ B 1925

Val. 1 a t 7.14
7.14 r 3 t 7.44

✓ Val. 2 a t 7.44
7.44 r 4 e 7.84

✓ B 7241

Useless

✓ B 1992 Sp.

✓ Val. 1

✓ B 5028 Sp.

Val. 1 + 2

✓ B 9309

Val. 1 a t 7.14
7.14 r 3 b 7.44

✓ Val. 2 a t
7.44 r 4 e 7.84

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1903phae.proj..716B

June 19 1903.

θ Aquilæ "f"

✓✓ B4905-Sf.
Dal. 1 f 2

✓✓ B13210
a f 7.14
7.14 a 3 f 7.44
✓Dal. 2 Too near edge of film

✓ B11841
Dal 1 a f 7.14
7.14 a 3 f 7.44
✓ Dal. 2 Too near edge of film

✓ B13208
Dal. 1 6.84 a 3 r 7.14 7.24 = 7.19 05 05
7.24 a 2 b 7.44
✓ Dal. 2 7.02 f r 7.12 6.94 = 7.03 09 09
6.94 a 1 c 7.04

✓ Dal. 1 B3387
6.84 a 2 r 7.04 7.24 = 7.14 10 10
7.24 a 2 b 7.44
✓ Dal. 2 7.02 f 2 r 7.22 6.94 = 7.08 14 14
6.94 a 1 c 7.04

✓ B15543
Dal. 1 6.84 a 2 r 7.04 7.14 = 7.09 05 05
7.14 a 3 b 7.44
✓ Dal. 2 6.70 a 2 r 6.90 6.92 = 6.91 01 01
6.92 a 1 b 7.02

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1903phae.proj..716B

June 10, 1902.

θ Aurigae + "b"

✓ B12994

Var. 1 a t_1 7.14

7.14 σ_3 t_2 7.44

✓ Var. 2 Too near edge of film

✓ B6441

Var. 1 a t_1 7.24

7.24 σ $\bar{e}$ t_2 7.44

✓ Var. 2 a t_1 7.44

7.44 σ 4 t_2 7.84

✓ Class E B9495

Var. 142

✓✓ B7284

Poor pl

✓✓ B7273

Poor pl

✓✓ B3468 Sh.

✓ a M 839

7.44 t_2 2 σ 7.64 7.59 = 7.62 02 03

7.59 σ 2 c 7.79

✓ Var. 2 6.70 a 2 σ 6.90 6.82 = 6.86 04 04

6.82 σ 2 b 7.02

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1903phae.proj..716B

June 10 1903.

θ Aquilæ + f"

✓ Var. 1 AM 1352

6.84		a 3 r	7.14	7.24 = 7.19	05	05
7.24		r 2 b	7.44			
✓ Var. 2	6.70	a 3 r	7.00	6.82 = 6.91	09	09
	6.82	r 2 b	7.02			

✓ Var. 1 AM 937

6.84	a 4 r	7.24	7.24 = 7.24	00	00
7.24	r 2 b	7.44			

✓ Var. 2 Too near edge of film

✓ Var. 1 AM 775

6.84	a 3 r	7.14	7.14 = 7.14	00	00
7.14	r 3 b	7.44			
✓ Var. 2	6.70	a 3 r	7.00	6.72 = 6.86	14	14
	6.72	r 3 b	7.02			

✓ Var. 1 AM 1434

6.84	a 4 r	7.24	7.14 = 7.19	05	05
7.14	r 3 b	7.44			
✓ Var. 2	Too near edge of pl					

✓ Var. 1 AM 482

a 1 r	7.14				
7.14	r 3 b	7.44			
✓ Var. 2	6.70	a 2 r	6.90	6.62 = 6.76	14	14
	6.62	r 4 b	7.02			

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1903phae.proj..716B

June 10, 1903.

θ Aphodis 4 "t"

✓ Val. 1 AM 738

a $\overline{\text{St}}$ 7.14

7.14 r 3 = b 7.44

✓ Val. 2 6.70 a 3 r 7.00

t $\overline{\text{St}}$

✓ Val. 1 AM 1258

6.84 a 4 r 7.24 7.24 = 7.24 00 00

7.24 r 2 b 7.44

✓ Val. 2 6.70 a 3 r 7.00 6.82 = 6.91 09 09

6.82 r 2 t 7.02

✓ AM 1180

Val. 1 6.84 a 4 r 7.24 7.24 = 7.24 00 00

7.24 r 2 b 7.44

✓ Val. 2 6.70 a 3 r 7.00 6.92 = 6.96 04 04

6.92 r 1 b 7.02

✓ Val. 1 AM 526

6.84 a 4 r 7.24 7.24 = 7.24 00 00

7.24 r 2 t 7.44

✓ Val. 2 6.70 a 3 r 7.00 6.92 = 6.96 04 04

6.92 r 1 b 7.02

✓ Val. 1 AM 815

6.84 a 3 r 7.14 7.24 = 7.19 05 05

7.24 r 2 b 7.44

✓ Val. 2 6.70 a 3 r 7.00 6.62 = 6.81 19 19

6.62 r 4 t 7.02

✓ AM 274 Sadly broken to be mended

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1903phae.proj..716B

June 10, 1903.

θ Aquilæ "f"

✓ AM 1527

Var. 1 a A 7.24

7.24 r 2 f 7.44

✓ Var. 2 Off film

✓ Var. 1 AM 846

6.84 a 4 r 7.24 7.24 = 7.24 00 00

7.24 r 2 f 7.44

✓ Var. 2 6.70 a 2 r 6.90 6.82 = 6.86 04 04

6.82 r 2 f 7.02

✓ Var. 1 ✓ AM 929

Pl trailed

✓ Var. 1 AM 1445

7.44 f 2 r 7.64 7.59 = 7.62 02 03

✓ 7.59 r 2 c 7.79

Var. 2 Too near edge of film

✓ Var. 1 AM 1453

6.84 a 4 r 7.24 7.24 = 7.24 00 00

7.24 r 2 b 7.44

✓ Var. 2 6.70 a 5 r 7.20

f A

✓ Var. 1 ✓ AM 954

Pl trailed

✓ Var. 1 AM 1229 7.24 ✓ Var. 2

a A

7.24 r 2 f 7.44 6.70 a 3 r 7.00 6.72 = 6.86 14 14

6.72 r 2 b 7.02

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1903phae.proj..716B

June 10, 1903.

θ Aprodis 4 "t"

✓ AM B806

Val. 1 6.84 a 2 r 7.04 7.24 = 7.14 10 10
7.24 r 2 t 7.44

✓ Val. 2 6.70 a 4 r 7.10 6.82 = 6.96 14 14
6.82 r 2 t 7.02

✓ Val. 1 AM 1235

6.84 a 4 r 7.24 7.24 = 7.24 00 00
7.24 r 2 t 7.44

✓ Val. 2 6.70 a 4 r 7.10 6.82 = 6.96 14 14
6.82 r 2 t 7.02

✓ Val. 1 AM 1050

6.84 a 4 r 7.24 7.24 = 7.24 00 00
7.24 r 2 t 7.44

✓ Val. 2 6.70 a 4 r 7.10 6.82 = 6.96 14 14
6.82 r 2 t 7.02

✓ Val. 1 AM 1413

6.84 a 4 r 7.24 7.24 = 7.24 00 00
7.24 r 2 t 7.44

✓ Val. 2 Toomaridgeff b

✓ Val. 1 AM 745

684 a 4 r 7.24 7.24 = 7.24 00 00
7.24 r 2 t 7.44

✓ Val. 2 Toomaridge ff b

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1903phae..proj..716B

June 10, 1903.

θ Aquilæ + "4"

Zach. ✓ AM 848

Var. 1 6.84 a 5 r 7.34 7.24 = 7.29 05 05
7.24 r 2 b 7.44

✓ Var. 2 6.70 a 4 r 7.10 6.82 = 6.96 14 14
6.82 r 2 b 7.02

✓ Var. 1 AM 431

7.44 b 1 r 7.54 7.59 = 7.56 02 03
7.59 r 2 c 7.79

✓ Var. 2 6.70 a 3 r 7.00 6.82 = 6.91 09 09
6.82 r 2 b 7.02

✓ Var. 1 AM 21

6.84 a 4 r 7.24 7.24 = 7.24 00 00
7.24 r 2 b 7.44

✓ Var. 2 6.70 a 2 r 6.90 6.72 = 6.81 09 09
6.72 r 3 b 7.02

Var. 1 ✓ 2 AM 1161

Probable

✓ Var. 1 AM 1245

6.84 a 2 r 7.04 7.34 = 7.19 15 15
7.34 r 1 b 7.44

✓ Var. 2 6.70 a 3 r 7.00 6.82 = 6.91 09 09
6.82 r 2 b 7.02

✓ Var. 1 AM 1478

7.24 ✓ 7.24 = 7.24 00 00

Var. 2

6.84 a 4 r 6.70 a 4 r 7.10 6.82 = 6.96 14 14
7.24 r 2 b 7.44 6.82 r 2 b 7.02

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1903phae.proj..716B

June 19, 1903.

θ Aquilæ "f"

AM 1539
✓ Dal 12 Pouple

AM 768
✓ Dal 12 Pl triple

✓ Dal. 1 AM 392
6.84 a3σ 7.14 7.24 = 7.19 05 05
7.24 σ2b 7.44
✓ Dal. 2 6.70 a3σ 7.00 6.72 = 6.86 14 14
6.72 σ3b 7.02

✓ Dal 1 AM 397
6.84 a3σ 7.14 7.34 = 7.24 10 10
7.34 σ1b 7.44
✓ Dal. 2 6.70 a3σ 7.00 6.82 = 6.91 = 09 09
6.82 σ2b 7.02

✓ Dal. 1 AM 390
6.84 a4σ 7.24 7.34 = 7.29 05 05
7.34 σ1b 7.44
✓ Dal 2 6.70 a2σ 6.90 6.92 = 6.91 01 01
6.92 σ1b 7.02

✓ Dal. 1 AM 322
Toward edge of fld
✓ Dal. 2 6.70 a4σ 7.10 6.82 = 6.96 14 14
6.82 σ2b 7.02

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1903phae..proj..716B

June 19 1903.

"o Apodis + 4"

Var. 1 & 2 AM 727
Pair pb

Var. 1 AM 878
7.44 +10 r 7.54 7.69 = 7.62 08 07
7.69 r1c 7.79
Var. 2 6.70 a3 r 7.00 6.92 = 6.96 04 04
6.92 r1b 7.02

AM 715
Var. 1&2 Pair pb

Var. 1&2 AM 918
Pt. trailed

Var. 1 AM 941
6.84 a4 r 7.24 7.34 = 7.29 05 05
7.34 r1b 7.44
Var. 2 6.70 a3 r 7.20 6.82 = 7.01 19 19
6.82 r2b 7.02

Var. 1 AM 962
6.84 a5 r 7.34 7.24 = 7.29 05 05
7.24 r2b 7.44
Var. 2 6.70 a3 r 7.00 6.82 = 691 09 09
6.82 r2b 7.02

Var. 1 AM 1063 7.24 7.24 = 7.24 00 00
Var 2
6.84 a4r 6.70 a4r 7.10 6.92 : 7.01 09 09
7.24 r2b 6.92 r1b 7.02
7.44

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1903phae.proj..716B

June 19, 1903.

σ Aurigæ + f

Val. 1 AM 1071

6.84 a 4 σ 7.24 7.24 = 7.24 00 00
7.24 σ 2 f 7.44

Val. 2 6.70 a 4 σ 7.10 6.82 = 6.96 14 14
6.82 σ 2 b 7.02

Val. 1 AM 1334

6.84 a 5 σ 7.34 7.34 = 7.34 00 00
7.34 σ 1 f 7.44

Val. 2 6.70 a 5 σ 7.20 6.82 = 7.01 19 19
6.82 σ 2 f 7.02

Val. 1 AM 1224

6.84 a 4 σ 7.24 7.34 = 7.29 05 05
7.34 σ 1 f 7.44

Val. 2 6.70 a 3 σ 7.00 6.92 = 6.96 04 04
6.92 σ 1 f 7.02

Val. 1 AM 1249

6.84 a 4 σ 7.24 7.24 = 7.24 00 00
7.24 σ 2 f 7.44

Val. 2 6.70 a 5 σ 7.20
f 1

Val. 2 AM 928
Pl. trailed

Val. 1 AM 1284 Val 2 ~~7.24 = 7.24 00 00~~
6.84 a 4 σ 7.24 Too near edge of pl.
7.24 σ 2 f 7.44

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1903phae.proj..716B

June 10 1903.

σ Aprodis + "t"

✓ Var. 1 AM 79

6.84 a 3 r 7.14 7.24 = 7.19 05 05
7.24 r 2 t 7.44

✓ Var. 2 7.04 c 1 r 7.14 7.19 = 7.16 02 03
7.19 r 4 d 7.59

✓ Var. 1 AM 62

6.84 a 2 r 7.04 7.34 = 7.19 15 15
7.34 r 1 t 7.44

✓ Var. 2 6.70 a 3 r 7.00 6.92 = 6.96 04 04
6.92 r 1 t 7.02

✓ Var. 1 AM 43

✓ Pl trailed

✓ Var. 1 AM 1305

6.84 a 4 r 7.24 7.24 = 7.24 00 00
7.24 r 2 t 7.44

✓ Var. 2 6.70 a 2 r 7.00 6.82 = 6.91 09 09
6.82 r 2 t 7.02

✓ Var. 1 AM 416

6.84 a 4 r 7.24 7.24 = 7.24 = 00 00
7.24 r 2 t 7.44

✓ Var. 2 6.70 a 3 r 7.00 6.92 = 6.96 04 04
6.92 r 1 t 7.02

✓ Var. 1 AM 503

✓ Var. 2

7.14 7.34 = 7.24 10 10

6.84 a 3 r 6.70 a 2 r 6.90 6.82 = 6.86 04 04
7.34 r 1 t 7.44 6.82 r 2 t 7.02

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1903phae.proj..716B

June 10, 1903.

θ Aurigæ + 1"

✓ Var. 1 AM 1379

6.84 a 2 r 7.04 7.14 = 7.09 05 05
7.14 r 3 f 7.44

✓ Var. 2 6.70 a 3 r 7.00 6.72 = 6.86 14 14
6.72 r 3 f 7.02

✓ Var. 1 AM 1128

6.84 a 4 r 7.24 7.14 = 7.19 05 05
7.14 r 3 f 7.44

✓ Var. 2 6.70 a 3 r 7.00 6.82 = 6.91 09 09
6.82 r 2 f 7.02

✓ Var. 1 AM 760

6.84 a 4 r 7.24 7.34 = 7.29 05 05
7.34 r 1 f 7.44

✓ Var. 2 6.70 a 3 r 7.00 6.82 6.91 09 09
6.82 r 2 f 7.02

✓ Var. 1 AM 1363

6.84 a 3 r 7.14 7.24 = 7.19 05 05
7.24 r 2 f 7.44

✓ Var. 2 6.70 a 3 r 7.00 6.92 = 6.96 04 04
6.92 r 1 f 7.02

✓ Var. 1 AM 886

7.44 f 1 r 7.54 7.59 = 7.56 02 03
7.59 r 2 c 7.79

✓ Var. 2 6.70 a 2 r 6.90 6.82 = 6.86 04 04
6.82 r 2 f 7.02

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1903phae.proj..7168

June 10, 1903

θ Aphodis + "t"

✓ Var. 1 AM 1159

6.84 a4r 7.24 7.14 = 7.19 05 05

✓ 7.14 r3b 7.44

Var. 2 6.70 a3r 7.00 6.82 = 6.91 09 09

6.82 r2b 7.02

✓

Var. 1 AM 1411

aA 7.04

7.04 r4b 7.44

✓ Var. 2 6.70 a3r 7.00 6.72 = 6.86 14 14

6.72 r3b 7.02

✓

Var. 1 AM 1321

6.84 a4r 7.24 7.24 = 7.24 00 00

7.24 r2b 7.44

✓ Var. 2 6.70 a3r 7.00 6.82 = 6.91 09 09

6.82 r2b 7.02

✓✓ AM 530

Poor pb

✓✓ AM 1571

Poor pb

✓

Var. 1 AM 744

6.84 a4r 7.24 7.24 = 7.24 00 00

7.24 r2b 7.44

✓ Var. 2 6.70 a3r 7.00 6.72 = 6.86 14 14

6.72 r3b 7.02

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1903phae.proj..716B

June 11, 1903.

θ Aphodis 4 "t"

✓ Var. 1 AM 417

6.84 as σ 7.34 7.24 = 7.29 05 05
7.24 σ 2 t 7.44

✓ Var. 2 6.70 a 3 σ 7.00 6.72 = 6.86 14 14
6.72 σ 3 t 7.02

✓ Var. 1 AM 1398

6.84 a 3 σ 7.44 7.34 = 7.24 10 10
7.34 σ 1 t 7.44

✓ Var. 2 6.70 a 3 σ 7.00 6.72 = 6.86 14 14
6.72 σ 3 t 7.02

✓ Var. 1 AM 1190

6.84 a 4 σ 7.24 7.34 = 7.29 05 03
7.34 σ 1 t 7.44

✓ Var. 2 6.70 a 3 σ 7.00 6.82 = 6.91 09 09
6.82 σ 2 t 7.02

✓ Var. 1 AM 501

6.84 a 5 σ 7.34 7.24 = 7.29 05 05
7.24 σ 2 t 7.44

✓ Var. 2 6.70 a 3 σ 7.00 6.92 = 6.96 04 04
6.92 σ 1 t 7.02

✓ Var. 1 AM 1186

7.44 t 1 σ 7.54 7.59 = 7.56 02 03
7.59 σ 2 C 7.79

✓ Var. 2 6.70 a 3 σ 7.00 6.72 = 6.86 14 14
6.72 σ 3 t 7.02

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1903phae.proj..716B

June 11, 1903.

θ Aphroditē

✓ Var. 1 AM 75-3

6.84 a3r 7.14 7.24 = 7.19 05 05
✓ 7.24 r2t 7.44
Var. 2 6.70 a3r 7.00 6.72 = 6.86 14 14
6.72 r3t 7.02

✓ Var. 1 AM 838

6.84 a3r 7.14 7.34 = 7.24 10 10
7.34 r1t 7.44
✓ Var. 2 6.70 a3r 7.00 6.82 = 6.91 09 09
682 r2t 7.02

✓ Var 1 AM 370

6.84 a4r 7.24 7.24 = 7.24 00 00
7.24 r2t 7.44
✓ Var. 2 6.70 a3r 7.00 6.82 = 6.91 09 09
682 r2t 7.02

✓ Var. 1 AM 401

7.44 t1r 7.54 7.59 = 7.56 02 03
7.59 r2c 7.79
✓ Var. 2 6.70 a1r 6.80 6.82 = 6.81 01 01
6.82 r2t 7.02

✓ Var. 1 AM 456

6.84 a3r 7.14 7.24 = 7.19 05 05
7.24 r2t 7.44
✓ Var. 2 6.70 a2r 6.90 6.72 = 6.81 09 09
6.72 r3t 7.02

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1903phae.proj..716B

June 11, 1903.

θ Aquilæ 4 t

✓ Var. 1 AM 478

6.84 a5σ 7.34 7.14 = 7.24 10 10
7.14 σ3 t 7.44

✓ Var. 2 6.70 a3σ 7.00 6.72 = 6.86 14 14
6.72 σ3 t 7.02

✓ Var. 1 AM 641

Too near edge of pl

✓ Var. 2 7.02 c3σ 7.32 7.29 = 7.30 02 01
7.29 σ3d 7.59

✓ Var. 1 AM 654

Too near edge of pl

✓ Var. 2 6.70 a2σ 6.90 6.92 = 6.91 01 01
6.92 σ1 t 7.02

✓ Var. 1 AM 787

6.84 a2σ 7.04 7.14 = 7.09 05 05
7.14 σ3 b 7.44

✓ Var. 2 6.70 a3σ 7.00 6.72 = 6.86 = 14 14
6.72 σ3 t 7.02

✓ Var. 1 AM 1326

6.84 a3σ 7.14 7.14 = 7.14 00 00
7.14 σ3 t 7.44

✓ Var. 2 6.70 a3σ 7.00 6.72 = 6.86 14 14
6.72 σ3 t 7.02

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1903phae.proj..716B

June 11, 1903.

✓ δ Apodis 7"

Var. 1 AM 1495

6.84 a 4σ 7.24 7.34 = 7.29 05 05
7.34 σ 1 t 7.44

✓ Var. 2 6.70 a 3σ 7.00 6.82 = 6.91 09 09
6.82 σ 2 t 7.02

✓ Var. 1 AM 1176

6.84 a 5σ 7.34 7.24 = 7.29 05 05
7.24 σ 2 t 7.44

✓ Var. 2 6.70 a 3σ 7.00 6.82 = 6.91 09 09
6.82 σ 2 t 7.02

✓ Var. 1 AM 1214

6.84 a 3σ 7.14 7.24 = 7.19 05 05
7.24 σ 2 t 7.44

✓ Var. 2 6.70 a 3σ 7.00 6.72 = 6.86 14 14
6.72 σ 3 t 7.02

✓ Var. 1 AM 1092

6.84 a 3σ 7.14 7.24 = 7.19 05 05
7.24 σ 2 t 7.44

✓ Var. 2 6.70 a 3σ 7.00 6.82 = 6.91 09 09
6.82 σ 2 t 7.02

✓ Var. 1 AM 980

6.84 a 3σ 7.14 7.34 = 7.24 10 10
7.34 σ 1 t 7.44

✓ Var. 2 6.70 a 3σ 7.00 6.92 = 6.96 04 04
6.92 σ 1 t 7.02

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1903phae.proj..716B

June 11, 1903

α Aquilæ 4 "Z"

✓ Var. 1 AM 961

6.84 a 3 σ 7.14 7.34 = 7.24 10 10
7.34 σ 1 f 7.44
✓ Var. 2 6.70 a 3 σ 7.00 6.82 = 6.91 09 09
6.82 σ 2 f 7.02

✓ Var. 1 AM 880

6.84 a 3 σ 7.14 7.24 = 7.19 05 05
7.24 σ 2 f 7.44
✓ Var. 2 6.70 a 3 σ 7.00 6.72 = 6.86 14 14
6.72 σ 3 f 7.02

✓ Var. 1 AM 887

6.84 a 3 σ 7.14 7.34 = 7.24 10 10
7.34 σ 1 f 7.44
✓ Var. 2 6.70 a 2 σ 6.90 6.92 = 6.91 01 01
6.92 σ 1 f 7.02

✓ Var. 1 AM 751

6.84 a 3 σ 7.14 7.34 = 7.24 10 10
7.34 σ 1 f 7.44
✓ Var. 2 6.70 a 2 σ 6.90 6.72 = 6.81 09 09
6.72 σ 3 f 7.02

✓ Var. 1 AM 826

6.84 a 3 σ 7.14 7.24 = 7.19 05 05
7.24 σ 2 f 7.44
✓ Var. 2 6.70 a 2 σ 6.90 6.72 = 6.81 09 09
6.72 σ 3 f 7.02

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1903phae.proj..7168

June 11, 1903.

σ Aquilæ "f"

✓ Val. 1 AM 591

6.84 a3σ 7.14 7.34 = 7.24 10 10
7.34 σ1f 7.44

✓ Val. 2 6.70 a2σ 6.90 6.92 = 6.91 01 01
6.92 σ1f 7.02

✓ Val. 1 AM 365

6.84 a3σ 7.14 7.24 = 7.19 05 05
7.24 σ2f 7.44

✓ Val. 2 6.70 a3σ 7.00 6.82 = 6.91 09 09
6.82 σ2f 7.02

✓ Val. 1 AM 421

6.84 a3σ 7.14 7.24 = 7.19 05 05
7.24 σ2f 7.44

✓ Val. 2 6.70 a3σ 7.00 6.72 = 6.86 14 14
6.72 σ3f 7.02

✓ Val. 1 AM 498

7.44 f1σ 7.54 7.49 = 7.52 02 03
7.49 σ3c 7.79

✓ Val. 2 6.70 a3σ 7.00 6.82 = 6.91 09 09
6.82 σ2f 7.02

✓ Val. 1 AM 108

6.84 a3σ 7.14 7.24 = 7.19 05 05
7.24 σ2f 7.44

✓ Val. 2 6.70 a3σ 7.00 6.82 = 6.91 09 09
6.82 σ2f 7.02

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1903phae.proj..716B

June 11, 1903.

o Aquilæ 4 "t"

✓ Val. 1 AM 74

6.84 a3σ 7.14 7.24 = 7.19 05 05
7.24 σ2t 7.44

✓ Val. 2 6.70 a3σ 7.00 6.82 = 6.91 09 09
6.82 σ2t 7.02

✓ Val. 1 AM 789

6.84 a2σ 7.04 7.14 = 7.09 05 05
7.14 σ3t 7.44

✓ Val 2 6.70 a3σ 7.00 6.72 = 6.86 14 14
6.72 σ3t 7.02

✓ Val. 1 AM 786

6.84 a2σ 7.04 7.14 = 7.09 05 05
7.14 σ3t 7.44

✓ Val. 2 6.70 a3σ 7.00 6.92 = 6.96 04 04
6.92 σ1t 7.02

✓ Val. 42 AM 301
Poor pb

✓ B 8821 Aq.
Val. 2

✓ Val. 1 A 4421
6.84 a3σ 7.14
t t

✓ Val. 2 6.70 a1σ 6.80 6.82 = 6.81 01 01
6.82 σ2t 7.02

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1903phae..proj..716B

June 11, 1903.

θ Aphroditē

Var. 1 A 2538

7.44 a1 r 7.54 7.69 = 7.62 08 07
7.69 r1 c 7.79

✓ Var. 2 6.70 a3 r 7.00 6.92 = 6.96 04 04
6.92 r1 t 7.02

✓ Var. 1 A 3030

6.84 a1 r 6.94 7.24 = 7.09 = 15 15
7.24 r2 t 7.44

✓ Var. 2 6.70 a3 r 7.00
r t

✓ Var. 1 A 3833 B 21492

6.84 a3 r 7.14 7.24 = 7.19 05 05 a3 r
7.24 r2 t 7.44 r1 t

✓ Var. 2 6.70 a1 r 6.80 6.72 = 6.76 04 04 Var. 2 a3 r
6.72 r3 t 7.02 a1 t

✓ Var. 1 A 2392 ✓ Class B 9594
Var 142

6.84 a3 r 7.14
t t

✓ Var. 2 6.70 a2 r 6.90 6.92 = 6.91 01 01 ✓ B 15819
6.92 r1 t 7.02 a t 6.82
6.82 r2 t 7.02

✓ Var. 1 A 4402 Var. 2 Townsday ff

6.84 a3 r 7.14
t t

Var. 1 A 4466 Var. 2

✓ Var. 2 6.70 a2 r 6.90 6.72 = 6.81 09 09 6.84 a3 r 7.14 6.70 a2 r 6.90 6.82 = 04 04
6.72 r3 t 7.02 t t 6.82 a2 t 7.02 6.86

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1903phae.proj..716B

June 16, 1903.

θ Aquilae + "b"

✓ Var. 1 AM 1724

6.84 6.70 a3r + 714 7.24 = 7.19 05 05

7.24 r2b 7.44

✓ Var. 2 6.70 a3r 7.00 6.82 = 6.91 09 09

6.82 r2b 7.02

✓ Var. 1 AM 1685

6.84 a3r 7.14 7.24 = 7.19 05 05

7.24 r2b 7.44

✓ Var. 2 6.70 a3r 7.00 6.72 = 6.86 14 14

6.72 r3b 7.02

✓ Var. 1 AM 1701

6.84 a3r 7.14 7.14 = 7.14 00 00

7.14 r3b 7.44

Var. 2 6.70 a2r 6.90 6.92 = 6.91 01 01

6.92 r1b 7.02

✓ Var. 1 AM 1712

6.84 a5r 7.34

b b

✓ Var. 2 7.04 r2r 7.24 7.19 = 7.22 02 03

7.19 r4d 7.59

Var. 1 AM 1654

Not seen.

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1903phae.proj..716B

June 16 1903.

θ Aphroditē "b"

✓ Var. 1 AM 175-4

6.84 a3 r 7.34 7.14 = 7.24 10 10
7.14 r 3 b 7.44

✓ Var. 2 6.70 a1 r 6.80 6.72 = 6.76 04 04
6.72 r 3 b 7.02

✓ Var. 1 AM 1749

6.84 a3 r 7.14 7.14 = 7.14 00 00
7.14 r 3 b 7.44

✓ Var. 2 6.70 a2 r 6.90 6.72 = 6.81 09 09
6.72 r 3 b 7.02

✓ Var. 1 AM 1664

6.84 a5 r 7.34 7.14 = 7.24 10 10
7.14 r 3 b 7.44

✓ Var. 2 6.70 a2 r 6.90 6.72 = 6.81 09 09
6.72 r 3 b 7.02

✓ Var. 1 AM 1742

6.84 a3 r 7.14 7.24 = 7.19 05 05
7.24 r 2 b 7.44

Var. 2 6.70 a1 r 6.80 6.72 = 6.76 04 04
6.72 r 3 b 7.02

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

$13^h 36.^m3 \quad -18° 38'$

Comp. plate on B 23266.

✓ B 23266

8.70 c 2 r 8.90 8.95 = 8.92 02 03

8.95 r 2 d 9.15

✓ B 21430

8.18 b 3 r 8.48 8.60 = 8.54 06 06

8.60 r 1 c 8.70

✓ B 21425 Sp.

7.83 a 1 r 7.93 7.98 = 7.96 03 02

7.98 r 2 b 8.18

✓ B 9444 Sp.

8.18 b 3 r 8.48 8.50 = 8.49 01 01

8.50 r 2 c 8.70

✓ B 21376 Sp.

8.18 b 1 r 8.28 8.40 = 8.34 06 06

8.40 r 3 c 8.70

✓ B 21093

8.18 b 3 r 8.48 8.50 = 8.49 01 01

8.50 r 2 c 8.70

✓ B 8380 Sp.

8.18 b 3 r 8.48 8.60 = 8.54 06 06

8.60 r 1 c 8.70

✓ B 31351

Adams

✓ Q 30122

c 3 r

r 2 d

Q 30599

Tooman & others

✓ Q 31194

Adams

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1903phae..proj..716B

June 18 1903.

R Y Virginis

✓ B9117 Sh. Comp.

✓ B3135-0

02 03
8.70 C 2 r 8.90 8.85 = 8.88
8.85 r 3 d 9.15

✓ B9977

8.18 t 3 r 8.48 8.50 = 8.49 01 01
8.50 r 2 c 8.70

✓ B10823 Sh.

✓ B31210

08 07
8.70 C 1 r 8.80 8.95 = 8.88
8.95 r 2 d 9.15

8.18 t 3 r 8.48 8.60 = 8.54 06 06
8.60 r 1 C 8.70

✓ B11220
Too near edge of Plb.

✓ B24744 Sh.

06 06
8.18 t 2 r 8.38 8.50 = 8.44
8.50 r 2 C 8.70

✓ B11267

8.18 t 4 r 8.58 8.50 = 8.54 04 04
8.50 r 2 C 8.70

✓ B11360

8.18 t 3 r 8.48
C A

✓ B14017

9.15 d 2 r 9.35 9.25 = 9.30 05 05
9.25 r 2 V 9.45

✓ B11453

✓ D18083

08 07
8.18 t 5 r 8.68
C A

8.70 C 1 r 8.80 8.95 = 8.88
8.95 r 2 d 9.15

✓ B13189 Sh.

✓ B31349
Photograph from Pic. Atlas.
Barnard

8.18 t 5 r 8.68 8.50 = 8.59 09 09
8.50 r 2 C 8.70

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1903phae.proj..716B

June 18, 1903.

R Y Virginis cont.

✓ B13148 Sp.
Ser. spp.

✓ B13297
8.70 C3r 9.00 9.05 = 9.02
9.05 r1d 9.15 02 03

✓ B1375-3 Sp.
8.70 C1r 8.80 8.85 = 8.82 02 03
8.85 r3d 9.15

B14017
8.70 C3r 9.00 9.05 = 9.02
9.00 r1d 9.15 03 02

✓ B13297
9.15 d2r 9.35 9.25 = 9.30 05 05
9.25 r2e 9.45

✓ B13431 Sp.
8.18 f3r 8.48 8.50 = 8.49 01 01
8.50 r2C 8.70

✓ B16971
8.70 C3r 9.00 8.95 = 8.98 02 03
8.95 r2d 9.15

✓ B15735
8.70 C3r 9.00 8.85 = 8.92 08 07
8.85 r3d 9.15

✓ B15809
8.70 C2r 8.90 9.05 = 8.98 08 07
9.05 r1d 9.15

✓ B16013
8.70 C3r 9.00 8.50 = 8.75 25 25
8.50 r2d 8.70

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1903phae..proj..716B

June 18, 1903

R Y Virginis cont.

✓ B16085

8.70 c3r 9.00 8.95- = 8.98 02 03
8.95- r2d 9.15-

✓ B16313

8.18 +3r 8.48 8.60 = 8.54 06 06
8.60 r1c 8.70

✓ B16411

8.70 c3r 9.00 8.95- = 8.98 02 03
8.95- r2d 9.15-

✓ B16772

8.70 c3r 9.00 8.95- = 8.98 02 03
8.95- r2d 9.15-

✓ B16711

8.70 c1r 8.80 8.85- = 8.82 02 03
8.85- r3d 9.15-

✓ B18611

8.70 c2r 8.90 8.85- = 8.88 02 03
8.85- r3d 9.15-

✓ B17198

8.70 c3r 9.00 8.95- = 8.98 02 03
8.95- r2d 9.15-

✓ B3376

8.18 +3r 8.48 8.50 = 8.49 01 01
8.50 r2c 8.70

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1903phae.proj..716B

June 18, 1903.

RY Virginis cont.

✓ B 3515

8.18 t3r 8.48 8.60 = 8.54 06 06

8.60 r1c 8.70

✓ B 3633 Sp.

Poor nebulosity of var.

✓ B 3673 Sp.

Poor nebulosity of var.

✓ B 4827

8.18 t3r 8.48 8.60 = 8.54 06 06

8.60 r1c 8.70

✓ B 4961

Poor nebulosity of var.

✓ B 5131 Sp.

Poor nebulosity of var.

✓ B 6434

Poor sp.

✓ B 6502 Sp.

8.18 t4r 8.58 8.40 = 8.49 09 09

8.40 r3c 8.70

✓ B 7495

8.70 c3r 9.00 8.95 = 8.98 02 03

8.95 r2c 9.15

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1903phae.proj..716B

June 18, 1903.

R Y Virginis cont.

✓ B7624

8.70 C1r 8.80 8.85 = 8.82 02 03

8.85 r3c 9.15

✓ B7706 Sh.
Poor in reg. of run.

✓ P7987 Sh.

8.18 f4r 8.58 8.50 = 8.54 04 04

8.50 r2c 8.70

✓ B7709 Sh.
Poor in reg. of run.

✓ B8373 Sh.
Poor

✓ B6435

8.18 f2r 8.38 8.50 = 8.44 06 06

8.50 r2c 8.70

✓ B11825 Sh.

8.18 f4r 8.58 8.50 = 8.54 04 04

8.50 r2c 8.70

✓ B12146 Sh.
Poor in reg. of run.

✓ B13149 Sh.

8.18 f4r 8.58 8.50 = 8.54 04 04

8.50 r2c 8.70

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ B1323 5h.
Poor pb

✓ B1290 5h.
Poor pb

✓ B1145 5h.
Poor pb

✓ B 3-48 5h.
Poor pb

✓ B 3-33 5h.
Poor pb

✓ B 7982 5h.
Poor pb Ser. eff.

✓ B 1398
Poor pb

✓ B 21880 5h.
8.18 f5r 8.68 8.50 = 8.59 09 09
8.50 r2c 8.70

✓ B 18988 5h.
8.18 f5r 8.68 8.60 = 8.64 04 04
8.60 r1c 8.70

✓ B 19179 5h.
Poor in Reg. of var.

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1903phae.proj..716B

June 18, 1902.

R.Y. Virginis

✓ B18648

8.70 C2r — 8.90 8.85- = 8.88 02 03
8.85- r3d 9.15-

✓ B18781

8.70 C2r — 8.90 8.85- = 8.88 02 03
8.85- r3d 9.15-

✓ B19952Sh.

8.18 f3r — 8.48 8.50 = 8.49 01 01
8.50 r2C 8.70

✓ B19674

8.70 C3r — 9.00 8.95- = 8.88 02 03
8.95- r2d 9.15-

✓ B19427

8.70 C3r — 9.00 8.95- = 8.98 02 03
8.95- r2d 9.15-

✓ B19230

8.70 C4r — 9.10 8.95- = 9.02 08 07
8.95- r2d 9.15-

✓ B19070

8.70 C3r — 9.00 8.85- = 8.92 08 07
8.85- r2d 9.15-

✓ B20045-

8.18 f4r — 8.08 8.40 = 8.49 09 09
8.40 r2C 8.70

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ B21851

8.18 t3r 8.48 8.50=8.49 01 01

8.50 r2c 8.70

✓ B29364

8.70 c3r 9.00 8.95-=8.98 02 03

8.95- r2c 9.15-

✓ B4960 Sp.

Poor neg. spectr.

✓ B8550 Sp.

Poor neg. spectr.

✓ B27548

8.18 t4r 8.58

cR

✓ B22689

8.18 t3c 8.48 8.50=8.49 01 01

8.50 r2c 8.70

✓ B22785 Sp.

8.18 t3r 8.48 8.50=8.49 01 01

8.50 r2c 8.70

✓ B24786

Poor pl.

✓ B24789

Poor pl.

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1903phae.proj..716B

June 18, 1903.

RY Virginis

✓ B23154

8.18 15 r 8.68
c f

✓ B23432 Sh.

8.18 15 r 8.68 8.40 = 8.54 14 14
8.40 r 3 c 8.70

✓ B23398

8.70 c 3 r 9.00 8.95 = 8.98 02 03
8.95 r 2 d 9.15

✓ B24762

8.70 c 3 r 9.00 8.95 = 8.98 02 03
8.95 r 2 d 9.15

✓ B24836

8.70 c 3 r 9.00 9.05 = 9.02 02 03
9.05 r 1 d 9.15

✓ B25152

8.70 c 1 r 8.80 8.95 = 8.88 08 07
8.95 r 2 d 9.15

✓ B25004

8.70 c 3 r 9.00 8.95 = 8.98 02 03
8.95 r 2 d 9.15

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ B23693

8.18 R4r 8.58 8.50 = 8.54 04 04

8.50 r2c 8.70

✓ B23709

8.70 c1r 8.80 8.95 = 8.88 08 07

8.95 r2d 9.15

✓ B27102

8.70 c1r 8.80 8.95 = 8.88 08 07

8.95 r2d 9.15

✓ B30160

8.70 c1r 8.80 8.95 = 8.88 08 07

8.95 r2d 9.15

✓ B29919

Surface

✓ B29955

Surface

✓ B29901

8.70 c1r 8.80 8.95 = 8.88 08 07

8.95 r2d 9.15

✓ B29508

8.70 c1r 8.80 8.95 = 8.88 08 07

8.95 r2d 9.15

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ B29239

8.70 c1r 8.80 8.95- = 8.88 08 07
8.95- r2d 9.15-

✓ B28029

8.18 f3r 8.48 8.60 = 8.54 06 06
8.60 r1c 8.

B
✓ 30122

8.70 c3r 9.00 8.95- = 8.98 02 03
8.95- r2d 9.15-

✓ B 25-3-12

9.15- d2r 9.35- 9.35- = 9.35- 00 00
9.35- r1c 9.45-

✓ B18658

8.70 c2r 8.90 9.05- = 8.98 08 07
9.05- r1d 9.15-

✓ B15-85-2

8.70 c2r 8.90 8.95- = 8.92 02 03
8.95- r2d 9.15-

✓ B9978

8.18 f4r 8.58 8.50 = 8.54 04 04
8.50 r2c 8.70

✓ B14071

8.70 c1r 8.80 8.85- = 8.82 02 03
8.85 r3d 9.15-

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ B30284

8.70 C3 ~ 9.00 8.95 = 8.98 02 03
8.95 ~ 2d 9.15

✓ B30326

8.70 C3 ~ 9.00 9.05 = 9.02 02 03
9.05 ~ 1d 9.15

✓ B30387

8.70 C3 ~ 9.00 8.95 = 8.98 02 03
8.95 ~ 2d 9.15

✓ B27993

8.18 f3 ~ 8.48 8.50 = 8.49 01 01
8.50 ~ 2C 8.70

✓ B25477

8.70 C2 ~ 8.90 8.95 = 8.92 02 03
8.95 ~ 2d 9.15

✓ l 15112
Poor pl

✓ l 9058
Poor pl

✓ l 7605
Poor pl

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1903phae.proj..716B

June 18, 1903.

R. G. Vuginis

✓ Q 14609 Sp.

8.18 +3r 8.48 8.50 = 8.49 01 01
8.50 r 2c 8.70

✓ Q 926

8.18 +4r 8.58 8.50 = 8.54 04 04
8.50 r 2c 8.70

✓ Q 992

8.70 r 3r 9.00 8.95 = 8.98 02 03
8.95 r 2d 9.15

✓ Q 1387
Pourpile

✓ Q 3685

8.70 r 2r 8.90 9.05 = 8.98 08 07
9.05 r 1d 9.15

✓ Q 5926 Sp.

8.18 +3r 8.48 8.60 = 8.54 06 06
8.60 r 1c 8.70

✓ Q 5989 Sp.

8.70 r 2r 8.90 8.95 = 8.92 02 03
8.95 r 2d 9.15

✓ Q 14594 Sp.

8.18 +4r 8.58 8.50 = 8.54 04 04
8.50 r 2c 8.70

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1903phae.proj..716B

June 15, 1903

RY Lupini

✓ l 1483-8 Sp.

8.70 C 2 v 8.90 8.95 = 8.92 02 03
8.95 v 2 d 9.15

✓ l 1463-8 Sp.

8.18 t 4 v 8.58 8.50 = 8.54 04 04
8.50 v 2 c 8.70

✓ l 1242-2 Sp.

8.18 t 5 v 8.68 8.40 = 8.54 14 14
8.40 v 3 c 8.70

✓ l 2503-7 Sp.

t 4 v 8.50
8.50 v 2 c 8.70

✓ l 2527-2 Sp.

8.18 t 4 v 8.58 8.50 = 8.54 04 04
8.50 v 2 c 8.70

✓ l 6116 Sp.

8.70 c 2 v 8.90 8.85 = 8.88 02 03
8.85 v 2 d 9.15

✓ l 3678 Sp.

8.18 t 4 v 8.58 8.50 = 8.54 04 04
8.50 v 2 c 8.70

v B 1813
Too faddy to be worth use.

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1903phae.proj..716B

June 15, 1903.

R Y Virginis

✓ B84
Poor fld

✓ AC2477
8.18 r3c 8.48 8.50 = 8.49 01 01
8.50 c2c 8.70

✓ AC3342
Val. defective.

✓ AC3366
8.70 c2r 8.96 8.85- = 8.88 02 03
8.85- r3d 9.15-

✓ AC3401
8.70 c3r 9.00 8.95- = 8.98 02 03
8.95- r2d 9.15-

✓ AC3442
Ptrailer

✓ AC3560
9.15- d2r 9.35- 9.35- = 9.35- 00 00
9.35- r1e 9.45-

✓ AC3580
Poor fld

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ AC 2544

8.70 c 2 r 8.90
d 1

✓ AC 3134

8.70 c 1 r 8.80 8.95 = 8.88 08 07
8.95 r 2 d 9.15

✓ AC 3167

8.18 1 5 r 8.68 8.60 = 8.64 04 04
8.60 r 1 c 8.70

✓ AC 3279

Poor ph.

✓ AC 3331

9.15 d 2 r 9.35 9.15 = 9.25 10 10
9.15 r 3 d 9.40

✓ AC 2606

8.70 c 2 r 8.90 8.80 = 8.88 02 03
8.80 r 3 d 9.15

✓ AC 2533

8.70 c 2 r 8.90 8.85 = 8.88 02 03
8.85 r 3 d 9.15

✓ AC 2395

8.70 c 2 r 8.90 8.85 = 8.88 02 03
8.85 r 3 d 9.15

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1903phae.proj..716B

June 18 1903

RY Virginis

✓ aC 2347

8.18 f 4r 8.58 8.50 = 8.54 04 04
8.50 r 2c 8.70

✓ aC 714

8.70 c 3r 9.00 8.95⁻ = 8.98 02 03
8.95⁻ r 2d 9.15⁻

✓ aC 2149

8.18 f 3r 8.48 8.50 = 8.49 01 01
8.50 r 2v 8.70

✓ aC 2268

8.70 c 2r 8.90 8.95⁻ = 8.92 02 03
8.95⁻ r 2d 9.15⁻

✓ aC 1539

Purple

✓ aC 1464

8.70 c 2r 8.90 8.95⁻ = 8.92 02 03
8.95⁻ r 2d 9.15⁻

✓ aC 839

8.70 c 3r 9.00 8.95⁻ = 8.98 02 03
8.95⁻ r 2d 9.15⁻

✓ aC 786

8.70 c 2r 8.90 8.95⁻ = 8.98 08 02 03
8.95⁻ r 2d 9.15⁻

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ AC 676

8.70 c 2 r 8.90 8.85 = 8.88 02 03
8.85 r 3 d 9.15

✓ AC 294 Poor pl

✓ AC 3143

8.70 c 3 r 9.00 9.05 = 9.02 02 03
9.05 r 1 d 9.15

✓ AC 883

8.70 c 3 r 9.00 8.95 = 8.98 02 03
8.95 r 2 d 9.15

✓ AM 944

8.70 c 3 r 9.00 9.05 = 9.02 02 03
9.05 r 1 d 9.15

✓ AM 993

8.18 f 4 r 8.58 8.50 = 8.54 04 04
8.50 r 2 v 8.70

✓ AM 978

8.70 d 2 r 8.90 8.95 = 8.92 02 03
8.95 r 2 d 9.15

✓ AM 744 Poor pl

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1903phae.proj..7168

June 18, 1903.

R Y Virginis

✓ AM 466

8.18 t4r 8.58 8.50=8.54 04 04
8.50 r2c 8.70

✓ AM 450
Pl. trailed

✓ AM 393

8.70 c1r 8.80 8.85=8.82 02 03
8.85 r3d 9.15

✓ AM 429

8.70 c2r 8.90 8.95=8.92 02 03
8.95 r2d 9.15

✓ AM 410

8.70 c1r 8.80 8.95=8.88 08 07
8.95 r2d 9.15

✓ AM 365

8.70 c3r 9.00 8.85=8.92 08 07
8.85 r3d 9.15

✓ AM 1801

8.70 c2r 8.90 8.85=8.88 02 03
8.85 r3d 9.15

✓ AM 1468

8.70 c3r 9.00 8.95=8.98 02 03
8.95 r2d 9.15

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ AM 1421

8.70 c 3r 9.00 8.95 = 8.98 02 03
8.95 r 2d 9.15

✓ AM 1269

8.70 c 3r 9.00 8.95 = 8.98 02 03
8.95 r 2d 9.15

✓ AM 1255

8.70 c 2r 8.90 8.95 = 8.92 02 03
8.95 r 2d 9.15

✓ AM 1230

8.70 c 3r 9.00 9.05 = 9.02 02 03
9.05 r 1d 9.15

✓ AM 1164
cor pb

✓ AM 1146

8.70 c 3r 9.00 8.95 = 8.98 02 03
8.95 r 2d 9.15

✓ AC 1185

8.70 c 3r 9.00 8.85 = 8.92 08 07
8.85 r 3d 9.15

✓ AM 8

9.15 d 1r 9.25 9.15 = 9.20 05 05
9.15 r 2c 9.45

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1903phae.proj..716B

June 18, 1903.

R Y Virginis

✓ AM 1497

8.70 c3r 9.00 8.95- 8.98 02 03
8.95- r2d 9.15-

✓ AM 1372

8.70 c3r 9.00 8.95- 8.98 02 03
8.95- r2d 9.15-

✓ AM 1331

8.70 c1r 8.80 8.85- 8.82 02 03
8.85- r3d 9.15-

✓ AM 1207
Pl. trailed

✓ AM 1181

8.70 c3r 9.00 8.95- 8.98 02 03
8.95- r2d 9.15-

✓ AM 1178

8.70 c3r 9.00 8.85- 8.92 08 07
8.85- r3d 9.15-

✓ AM 901
Pl. trailed

✓ AM 867

8.18 l3r 8.48 8.60- 8.54 06 06
8.60 r1c 8.70

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1903phae.proj..716B

June 18, 1903.

RY Virginis

✓ AM 823

8.18 f 4r 8.58 8.50 = 8.54 04 04
8.50 r 2 c 8.70

✓ AM 763

8.70 c 1r 8.80 8.98 = 8.88 08 07
8.98 r 2 d 9.15

✓ AM 513

8.70 c 3r 9.00 8.98 = 8.98 02 03
8.98 r 2 d 9.15

✓ AM 500

8.70 c 5 v 9.20 8.80 = 9.02 18 17
8.80 r 3 d 9.15

✓ B 11235

8.70 c 3r 9.00 9.05 = 9.02 02 03
9.05 r 1 d 9.15

✓ B ~~18085~~ 20036

8.70 c 3r 9.00 9.15 9.25 = 9.13 13 02 8.98 5 12 r 2 d 9.15 02 03

✓ 8.70 c 3r 9.00 8.94 = 8.98

8.70 c 3r 9.00 9.15 9.25 = 9.13 13
9.15 r 0 d 9.15
9.25 r 2 d 9.45

✓ B 18912

8.70 c 3r 9.00 8.95 = 8.98 02 03
8.95 r 2 d 9.15

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1903phae.proj..716B

June 19, 1903.

Meas. of "m" Comp. star for ζ Bootis

l 25561
h1 A

l 26923
l3 r
r2 m

l 26931
l3 r
r2 m

l 24994 Sp.
k1 A

l 24851
h2 r
r3 k

l 24691
l3 r
r3 m

l 24631
l3 r
r A

l 24577
l3 r
r2 m

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1903phae.proj..716B

June 19, 1903.

"m" cont.

l 20995
Poor pb

l 21981
l 3r
r 3m

l 22295 Sp.
Poor in Mg. & rac

l 22383
l 2r
r 3m

l 22607
k 1 St.

l 22998
k 3 St

l 20822
Poor pb

l 20768
l 1 St

l 20739
Poor pb

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1903phae.proj..716B

June 19, 1903.

"m" cont.

l 20653
l 3 St

l 20605
l 4 n
n St

l 17171
l 2 St

l 17362
l 2 St

l 20217
l 4 n
n St

l 20219
l 4 n
n St

l 20283 Sp.
l 2 St

l 20448
Comp. l.

l 14923
l 1 St

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1903phae.proj..716B

June 19, 1903

"m" cont

l 22368 sp.
l 1 st

l 14956
k 2 st

l 15-445-
g 2 st

l 14556
l 1 st

l 14514
l 3 m
d 2 m

l 10589
h 2 st

l 10724
h 1 st

l 10784
Double

l 10785-
f 3 st

l 10615 sp.
Too marledge

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1903phae.proj..716B

June 19 1903.

"m" cont

l 12878
l 1 A

l 12882
k 1 a
a 2 l

l 8564
l 2 A

l 8542
k 1 A

l 939
l 1 A

l 979
k 2 A

l 6264
Possibly from

l 6347
g 1 A

l 6396
k 1 A

l 6397
g 3 A

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1903phae.proj..716B

June 22, 1903.

Meas. of R U Librae BD -14° 4228
15h 25m.2 -14° 5' 0 (1855)
Comp. plate on B9983

✓ B9983
10.46 g3r 10.76 10.68 = 10.72 04 04
10.68 a2k 10.88

✓ l17424
Tolerable ffb

✓ l17359
Poor pl.

✓ l17357
8.30 a3r 8.60 8.60 = 8.60 00 00
8.60 a2f 8.80

✓ l17355
Poor pl.

✓ l17069
10.12 f3r 10.42 10.26 = 10.34 08 08
10.26 a2g 10.46

✓ l15169
Poor pl.

✓ l15202
9.52 d2r 9.72 9.62 = 9.67 05 05
9.62 a2l 9.82

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1903phae.proj..716B

June 22, 1903.

R U Librae cont.

✓ l 15305

10.46 g 2r 10.66 10.58 = 10.62 04 04
10.58 r 3h 10.88

✓ l 15478

10.88 h 5 St 11.18

✓ l 657 Sp.
Poor spl

✓ l 12897 Sp.

8.80 f 3a 9.10 8.90 - 9.00 10 10
8.90 a 2c 9.10

l 12725 Sp.

9.10 c 1 St 9.20

✓ l 12784 Sp.

9.10 c 3a 9.40 9.32 : 9.36 04 04
9.32 a 2d 9.52

l 12565 Sp.
Poor in neg. of var.

✓ l 1020 Sp.
Off film

✓ l 832 Sp.
Poor in neg. of var.

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1903phae.proj..716B

June 22, 1903.

R Librae

✓ l 3743 Sp.
Too near edge of pl.

✓ l 3774 Sp.
Too near edge of pl.

✓ l 11162 Sp.
Too near edge of pl.

✓ l 11238 Sp.
Too near edge of pl.

l 12534 Sp.
Poor image of star.

✓ l 12733 Sp.

8.30 a 4 r 8.70 8.50 = 8.60 10 10
8.50 a 3 f 8.80

R, 1d

✓ l 12582 Sp.

8.80 f 2 f 9.00

✓ l 12522 Sp.

8.80 f 3 f 9.10

✓ l 12720 Sp.

9.52 d 1 f 9.62

✓ l 12896 Sp.

8.80 f 3 r 9.10 8.80 = 8.95 15 15
8.80 a 3 c 9.10

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1903phae.proj..716B

June 22, 1903.

R U Librae

✓ D 12925 Sh.

8.80 t2σ 9.00

c t

✓ D 12985 Sh.

8.30 a3σ 8.60 8.60 = 8.60 00 00

8.60 σ2t 8.80

✓ D 13519

11.64 d1t 11.74

D 13810

11.20 b2t 11.40

✓ B 18788

9.82 e2σ 10.02 10.02 = 10.02 00 00

10.02 σ1f 10.12

✓ B 18763

Off film

B 16982

✓ B 16979

11.64 e2σ 11.84 11.84 = 11.84 00 00

11.84 σ3m 12.14

✓ B 16974

00 near edge of pl

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1903phae.proj..716B

June 22, 1903.

R Ursae Minoris

✓ B 16797
10.88 h l 10.98

✓ B 10056 Sp.
Too near edge of film

✓ B 10121 Sp.
9.10 r 3 v 9.40 9.42 = 9.41 01 01
9.42 v 1 d 9.52

✓ B 10818 Sp.
Off film

✓ B 10853 Sp.
Too near edge of film

✓ B 11590
9.10 c 1 v 9.20 9.32 = 9.26 06 06
9.32 v 2 d 9.52

✓ B 13051 Sp.
9.10 r 2 v 9.30
d St

✓ B 13133 Sp.
9.52 d 2, St 9.72

✓ B 13334
8.30 a 3 v 8.60 8.60 = 8.60 00 00
8.60 v 2 f 8.80

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1903phae.proj..716B

June 22, 1903.

R U Librae

✓ B13356

8.30 a3r 8.60 8.60=8.60 00 00
8.60 a2f 8.80

✓ B29948
Surface

✓ B29956
Surface

✓ B25073
11.64 l3o 11.94 11.94=11.94 00 00
11.94 o2m 12.14

✓ B25168
12.14 m1f 12.24

✓ B25257
Pb damaged.

B25332
Off Pb

✓ B25514
9.82 l3o 10.12 10.02=10.07 05 05
10.02 a1f 10.12

✓ B25860
9.10 c2r 9.30 9.42=9.36 06 06
9.42 21d 9.52

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1903phae.proj..7168

June 22, 1903.

R U Librae

✓ B25909

9.10 c2r 9.30 9.42 = 9.36 06 06
9.42 a1d 9.52

✓ B24132

8.30 a3r 8.60 8.70 = 8.65 05 05
8.70 a1h 8.80

✓ B23649

10.46 g3r 10.76 10.68 = 10.72 04 04
10.68 b2h 10.88

✓ B23433 Sh.

9.52 d2S 9.72

✓ B23406

9.82 e2S 10.02

✓ B23270

10.46 g2r 10.66 10.78 = 10.72 06 06
10.78 a1h 10.88

✓ B23160

10.88 h3r 11.18 11.00 = 11.09 09 09
11.00 a2h 11.20

✓ B22849

11.64 l2S 11.84

R U Librae cont in Bk. 10.

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1903phae.proj..716B

θ Aquadis (meas.)

B6341
a 1r
r 3 1

B16187
a 1r
r 3 1

B18948
1 1r
r 1 C

B20051
a 1r
r 3 1

✓ B21125
Stetson.

✓ B21129
e 2r
r 2 1

B21185
a 1r
~~e 2 r~~
r 3 1

B21309
Stetson

B21365
Stetson

B21473
Stetson

B21548
Stetson

B21600
Off film

~~B23893~~

B 2465-6
~~B 23893~~
a 3 r
r 3 1

B23494
a 3 r
r 2 1

B23491
a 1r
r 2 1

B23488
Stetson

B23464
a 1r
r 2 1

B23353
a 1r
r 3 1

B23159
Stetson

B21804
Stetson

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1903phae.proj..716B

θ Aquilæ cont.

B21882
a 3 σ
σ 2 4
5-83

B22444
a 2 σ
σ 2 4

B22 5-87
Struve
876

B22602
Struve.

B24893
a 3 σ
σ 2 4

B24877
Struve

B22880
a 3 σ
σ 2 4

B22883
Struve

B22602
a 1
σ 2 4

B225-87
a 1
σ 3 4

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1903phae.proj..716B

θ aphodis

B24876
a 3 r
r 3 b

B6349
a 3 r
r 2 b

B24911
a 3 r
r 3 b

B24973
Stdcore

B25003
a 2 r
r 2 b

B25211
Pl damaged in reg. of occ.

B25218
Stdcore

B25223
Pl damaged in region of occ.

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1903phae.proj..716B

θ Aphodis

B25230
Poor image of star

B25233
Blends with other star.

B25362
Not seen

B25526
a st
n2 = t

B25592
a st
n3 = t.

B25609
a st
n2 = t

B25718
a st
n3 = t

B25734
Poor pl

B25959
Not seen

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