

KG

11366

v. 245

Comparison Stars.

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List of Comp. Stars.

Name Var.	Comp. Star.	R. A. (1875)			Dec.
+30° 42 Barro Lup. Var.	+30° 36 (4.5)	0	11	2.4	+30° 0.7
001726 I Androm.	+26° 40 (7.5)				
0053A1 U Cephei.	+21° 27 (2.6)	0	50	56.	+21 19.3
32 Cassio. Barro Lup. Var.	+63° 156 (7.4)	1	3	9.	+63 51.0
02125A I Persei.	+57 543 (4.7)				
<u>021403</u> 1 Ceti.	-3 355				
Z Persei.	+41 507 (9.0)	2	31	7.1	+41 51.6
R I Persei.	+46 739 (9.2)	3	13	29.2	+46 20.9
033362 U Camelops.	+62 59K (9.2)	3	29	17.	+62 13.7
033451 - Persei. 3. V.	+50 201 (4.7)	3	31	0.4	+50 42.2
034930 X Persei.	+30 526 (2.9)	3	44	34.4	+30 19.9
035727 R H Tauri.	L (Circ. 104)	3	54	2.7	+27 52.2
042239 - Persei.	+39 1011 (2.7)	4	20	50.5	+39 30.2
044062 - Camelops.	+67 353 (7.0)	4	32	46.	+67 57.6
04452A - Tauri.	+22 704 (7.4)	4	41	42.3	+22 5.0
044820					
045443 E Aurigae	+44 1077 (7.5)	4	51	1.1	+44 10.7
054130 - Aurigae. V.	+30 100K (9.3)	5	37	16.5	+30 31.1
060426 - Gemmorum	+26 1125 (4.7)	6	2	44.5	+26 0.2
060521 - Gemmorum	+21 1143 (7.4)	6	2	35.9	+21 35.5
R. I. Aurigae.					
42 Aurigae	+30 1245 (4.4)	6	20	52.3	+30 32.4
064220 R I Cephei.	+20 160 (9.7)	4	40	52.	+20 14.1
U Cygni	+30 4244 (9.0)	20	50	41.4	+30 7.9
" " "	+29 4241 (9.3)	20	50	26.9	+29 39.3

A. A.		C. V. (1900)		Dec.		Phot. mag.	
0	13 ^m 30.	+30°	15.9				Gasell. pl. carried forward. Cu.
0	16 12.	+26	23.7		2.02		
0	54 41.	+21	34.0		2.41		
1	6 1.	+64	5.5		7.96		Gasell. pl. tc. Cu.
2	13 26.	+52	7.6		9.73		
2	14 22.	-3	25.6		9.19		From very vis. Table.
2	33 52.	+42	3.3		9.05		Gasell. pl. tc. Cu.
3	16 35.	+46	30.9		9.70		Comp. from Rec. Table. Cu.
3	33 6.	+62	22.7		9.14		
3	34 12.	+50	57.3		9.40		Cu.
3	47 21.	+30	24.6		9.12		Gasell. pl. tc (VAV)
3	56 42.	+22	0.1				Carried forward from pl. in Col. 34 th Cu.
4	23 59.	+39	37.1		9.02		Gasell. pl. tc. Cu.
4	43 26.	+62	3.0		7.42		" " "
4	44 36.	+22	2.5		7.72		
4	42 19.	+79	52.5				
4	54 15+	+44	15.0		7.21		Gasell. pl. tc.
5	40 10.	+30	32.6		9.51		D. m. pl. carried forward. Cu.
6	5 32.	+26	0.4		9.30		Cu.
6	5 12.	+21	35.1		7.51		Cu.
6	23 52	+30	30.2		2.52		Gasell. pl. tc. Cu.
4	42 29.	+20	19.3		10.06		Pos. Star C. S. referred to old C. S. n New Comp. Star Cu.

List of Comp. Stars con.

Comp. Star.

(1455)

+76	225	7	20	22.0	+76	37.2	(9.5)
+6	1714	7	25	52.2	+6	57.4	(2.0)
+30	1316	6	35	45.3	+30	14.1	(9.0)
+22	1202	7	46	35.2	+22	26	(2.2)
+3	1960	2	13	2.2	+3	6.7	(2.0)
+12	2022	2	47	39.6	+12	13.1	(2.5)
+51	1426	9	0	24.7	+51	37.6	(9.3)
+72	545	11	37	39.1	+72	53.1	(2.2)
+9	2575	11	55	31.4	+9	32.4	(9.4)
-5	3420	11	52	25.2	-5	44.0	(2.2)
+1	2691	12	16	52.0	+1	31.6	(9.0)
-1	2726	13	5	42.7	-1	47.4	(2.0)
+37	2320	13	6	17.9	+37	56.0	(2.5)
-19	4055	15	5	3.3	-19	5.9	(6.5)
+47	2292	15	52	25.6	+47	2.0	(2.1)
+1	3411	17	10	17.2	+1	55.0	(6.2)
+33	2271	17	13	26.2	+33	0.9	(7.2)
+7	3399	17	26	29.6	+7	24.6	(9.0)
-6	4664	17	43	10.7	-6	51.2	(2.2)
+15	3316	17	52	37.3	+15	4.6	(9.3)
+29	3192	12	5	49.4	+29	52.2	(7.5)
-15	4902	12	2	55.1	-15	45.7	(9.0)
-15	4927	12	11	42.1	-15	53.4	(5.7)
+36	3170	12	27	25.5	+36	33.2	(2.3)
-2	4732	12	43	20.1	-2	5.9	(2.2)

Comp. Str for ~~V Vulpeculae~~. Y Camelopard.

" " "

~~Arca Gen.~~

~~U Gemmorum~~

~~021403 - Hydrae.~~

~~X Cancer.~~

~~090151 V Uro. kuj.~~

~~Z Draconis~~

~~115609 X Virginis.~~

~~120206 R V Virginis.~~

~~122001 - Virginis.~~

~~130202 - "~~

~~Can Ven.~~

~~Librae.~~

~~R Coronae~~

~~X Herculis~~

~~R Uro. kuj.~~

~~U Ophiuchi.~~

~~171333 U Herculis~~

~~R V Ophiuchi.~~

~~174406 R V Ophiuchi.~~

~~175315 Z Herculis.~~

~~120531 T Herculis (C. S. D.)~~

~~V Serpentis.~~

~~121315 - Serpentis.~~

~~122236 T Lyrae.~~

~~124402 R V Centi.~~

List of Comp. Stars.

Designation	Comp. Star.	R. A.	Dec.
γ Camelopard	+76° 245. (95)	7 ^h 20 ^m 24.0	+76° 37.2
S.V.	+6 1714. (20)	7 25 52.2	+6 57.2
Nova Geminarum	+30 1316. (90)	6 35 45.3	+30 14.1
074922 α Geminarum	+22 1402. (42)	7 46 35.2	+22 2.6
081403 - Hydrae.	+3 1960 (20)	2 13 2.2	+3 6.3
084917 X Cancri.	+12 2022 (25)	2 47 39.6	+12 13.1
090151 ν Urs. Maj.	+51 1426 (93)	9 0 24.7	+51 37.6
Z Draconis	+72 545 (22)	11 ^h 37 ^m 39.0	+72° 53.1
115609 X Virginis	+9 2575 (94)	11 55 31.4	+9 32.4
120206 R ν Virginis.	-5 3420 (22)	11 52 25.2	-5 44.0
122001 - Virginis	+1 2691 (90)	12 16 52.0	+1 31.6
130802 - Virginis	-1 2726 (20)	13 5 42.7	-1 47.4
130837 S Can. Ven.	+37 2320 (25)	13 6 17.9	+37 56.0
150619 ι Librae.	-19 4055 (65)	15 5 3.3	-19 5.9
154422 R Corvinae.	+22 2475 (74)	15 41 43.0	+22 55.1
155947 X Herculis.	+47 2292 (21)	15 52 25.6	+47 2.0
163172 R Urs. Min.	+72 737 (84)	16 35 49.0	+72 16.3
171101 α Ophiuchi	+1 3411 (62)	17 10 17.2	+1 55.0
171333 μ Herculis.	+33 2271 (74)	17 13 26.2	+33 2.9
R ν Ophiuchi.	+7 3399 (90)	17 26 29.6	+7 24.6
174406 α S Ophiuchi	-6 4664 (88)	17 43 10.7	-6 51.2
175315 Z Herculis	+15 3316 (93)	17 52 37.3	+15 4.6
180531 J Herculis	+29 3192 (75)	18 5 49.4	+29 52.8
ν Serpentis	-15 4902 (90)	12 2 55.1	-15 45.7
181315 - Serpentis	-15 4927 (57)	12 11 42.1	-15 53.4
182836 J Lyrae	+36 3170 (83)	18 27 25.5	+36 33.8
184408 S Scuti	-2 4732 (28)	12 43 20.1	-2 5.9

R. A.		Dec.		Phot.		
				mag.		
7	26	36.4	+76° 30.6	9.94	Small. pl. car. forward.	Cu.
7	2A	19.	+6 54.1	2.34	" " " "	Cu.
6	3A	3A.	+30 11.2	9.65	" " " "	Cu.
7	49	14.	+21 56.0	2.23	" " " "	Cu.
2	15	29.	+2 52.9	7.40	" " " "	Cu.
2	50	12.	+12 2.2	2.46	" " " "	Cu.
9	3	36.	+51 22.6	9.37	" " " "	Cu.
11	40	17.	+72 32.9	2.26	" " " "	Cu.
11	57	50.	+9 23.4	9.56	(Svr. pl. car. for.)	Cu.
12	0	44.	-5 59.0	2.97	(Heine " " " ")	Cu.
12	19	12.	+1 17.0	9.61	Small. pl. car. for.	Cu.
13	2	6.	-2 1.5	7.69	" " " "	Cu.
13	2	24.	+37 42.2	9.72	" " " "	Cu.
15	7	37.	-19 16.3	6.04	(De. A. " " " ")	Cu.
				7.32		
15	59	KA.	+47 0.3	2.27	" " " "	Cu.
16	35	10.	+72 10.6	2.75		
17	12	34.	+1 51.0	6.71	" " " "	
17	15	6.	+32 52.3	7.32	" " " "	Cu.
17	2A	39.4	+7 22.0	9.06	" " " "	Cu.
17	45.6		-6 52.	9.42	" " " "	Cu.
17	54	39.4	+15 4.1	9.24	(Svr. pl. car. for.)	
1A	7	33.4	+29 53.2	7.36	Small pl. car for.	
1A	11	29.	-15 45.3	9.04	(De. A. " " " ")	Cu.
1A	14	23.	-15 52.4	5.66	(" " " " " ")	
1A	29	0.	+36 36.0	2.77	" " " "	Cu.
1A	45	47.	-2 4.1	2.17	(De. pl. " " " ")	Cu.

List of Comp. Stars. con.

Name	Variable.	Comp. Star.	R. A.	(1875)	Dec.
124633	β Lyrae.	+32° 3227 (6.3)	18 ^h 44 ^m 23.0	+32° 38.7	
125243	R Lyrae.	+44° 3017 (7.1)	18 51 34.0	+44 2.4	
	Nova Aquilae No. 2	-4° 4665 (A.2)	12 53 42.4	-4 52.5	
125905	V Aquilae	-5° 4042 (7.0)	12 55 33.5	-5 45.2	
191232	R V Lyrae	+32° 3374 (6.2)	19 10 20.2	+32 31.2	
191419	U Sagittae	+19° 3970 (6.6)	19 13 40.3	+19 7.4	
192242	R R Lyrae	+42° 3342 (9.2)	19 21 48.1	+42 46.0	
192216	- Sagittarii.	-16° 5363 (9.1)	19 26 34.6	-16 26.5	
194632	X Cygni	+32° 3529 (8.0)	19 44 27.2	+32 16.6	
200036	- Cygni	+36° 3242 (8.1)	19 52 46.7	+36 46.6	
200346	S X Cygni	+45° 3067 (9.1)	20 3 36.0	+45 50.8	
200747	R X Cygni	+47° 3037 (6.4)	20 6 12.2	+47 42.3	
201942	U X Cygni	<u>R</u>			
	Wolf's Star	+37° 3275 (9.1)	20 13 40.0	+37 0.4	
202946	S Z Cygni	+46° 2965 (9.1)	20 27 52.2	+46 5.2	
	V Vulpeculae	+25° 4301 (A.2)	20 30 12.1	+25 54.1	
203317	H Delphini	+17° 4362 (9.1)	20 31 8.9	+17 34.9	
204334	T Cygni	+33° 4027 (8.5)	20 41 16.0	+33 30.2	
204234	Y Cygni	+34° 4190 (9.2)	20 46 51.9	+34 14.5	
210116	R S Capricorni	-17° 6129 (8.3)	21 0 7.2	-17 12.4	
213542	U U Cygni	+42° 4169 (8.7)	21 33 10.6	+42 47.1	
213243	S S Cygni	+43° 4030 (8.6)	21 32 40.7	+43 2.6	
214052	U Cephei	+52° 2314 (6.7)	21 32 26.0	+52 36.5	
215543	U Z Cygni	+43° 4105 (8.6)	21 54 12.7	+43 30.0	
234956	β Cassiop.	+56° 3115 (7.5)	23 42 16.3	+56 37.9	
	S X Cassiop.	+50° 4199 (8.7)	23 50 49.2	+50 13.2	
235122	V Cephei	+42° 742 (7.0)	23 55 23.0	+42 10.0	
235350	R Cassiop.	+51° 3750 (8.5)	23 51 33.4	+51 1.2	

C.V. (1900)		Dec.		Phot. mag.		
R.A.						
12 46 3.	+32°	41.2	~~5.77~~	Comp. Stars = δ Lyrae.		
12 52 56.	+44	5.7	6.94			
12 56 6.	-4	49.0				Cur.
12 57 52.	-5	42.2	7.10			
19 12 2.	+32	35.7	9.50			Cur.
19 15 39.	+19	12.2	2.41			Cur.
19 23 14.	+42	51.3	9.29			
19 29 9.4	-16	20.9	10.30	X		Cur.
19 46 12.	+32	23.3	2.10			
20 0 26.	+36	53.2	2.03			Cur.
20 5 1.	+45	52.4	9.46			
20 7 32.	+47	56.0	6.64			
20 20 23.	+43	3.5	9.92			
20 29 20.	+46	14.4	9.67			Cur.
20 32 13.	+26	2.9	2.75	New C.V.		Cur.
20 33 12.	+17	44.2	9.31			
20 43 4.	+33	39.7	7.23			Cur.
20 44.7	+34	24.	9.24			Cur.
21 2 39.5	-17	7.2	2.32			Cur.
21 34 56.	+42	59.0		X		Cur.
21 40 26.	+43	20.2	2.93			
21 39 45.4	+52	42.2	6.21			
21 56 1.	+43	43.0	9.44			
23 50 33.5	+56	51.3	6.05			
23 53 5.	+50	22.2	9.45	Through +50° 42.02 (Ph. mag. 7.17)		
23 57 35.	+22	25.0	7.13			
23 53 49.	+51	16.2	2.72			

List of Comp. Stars. con.

Name Variable.	Comp. Star	R. A.	^{C. S.} (1955) Dec.
hisp Leavitts New Var.	+45° 3216 (9.1)	22 3 50.7	+45° 4.0
" " " "	+45° 3219 (9.2)	22 4 2.2	+45 2.9
R Z Draconis.	+52° 1206 (9.7)	12 19 22.0	+52 46.5
R Z Ophiuchi.	+7° 3226 (9.2)	12 32 10.7	+7 23.4
R X Draconis.	+52° 1265 (9.1)	19 2 49.4	+52 30.5
R Y Persei.	+47° 691 (9.1)	2 35 51.1	+47 54.3
R X Cassio.	+66° 242 (7.2)	2 54 0.	+66 50.3
♂ Orionis.			
U Rute	-12° 5192 (8.9)	12 45 12.9	-12 45.0
R U rhinoceros.			
Y Leonis.	+26° 1977 (9.0)	9 27 6.3	+26 59.1
♂ X Ophiuchi.	-6° 4392 (9.2)	16 2 17.7	-6 13.5
R Z Cassio.	+69° 121 (9.0)		
♂ Aurigae	+39° 1124 (9.0)	4 52 32.0	+39 46.5
♂ Persei	+32° 611 (9.0)	2 51 37.0	+32 41.1
R Z Draconis.	+52° 1206 (9.7)	12 19 22.0	+52 46.5

R.A.	^{C.S.} 1900	Dec.	Phot. mag.
22 ^h 5 ^m 40 ^s	+45°	17.2	
22 ^h 5 ^m 52 ^s	+45°	22.3	

A. 64

L. var. pl. carried forward.
 Essell. pl. carried forward.

(Handled in Feb. 4, 1968) Cu.

(" " " " " Cu.

9.34

A. 64

Comp. Stars for Fourth Type.

D.V.

Name Fourth Type Star.	Comp. Star	R. A. (1875)	Dec.
Fourth Type +49° 41	+49° 30 (20)	0 2 44.6	+49° 26.4
+53 66	+53° 61 (20)	0 15 53.1	+53 37.2
+34 56	+34 59 (20)	0 20 36.9	+34 20.2
+25 205	+25° 207 (21)	1 2 53.2	+25° 16.2
+11 305	+11 309 (20)	2 2 37.2	+11 43.0
+61 667	+61 666 (24)	3 53 2	+61 46.7
-36 1004	-36 1094 (90)	4 44 12.2	-36 14.0
-25 2539	-25 2545 (21)	5 31 32.1	-25 54.4
+17 979	+17 970 (26)	5 32 23.9	+17 14.2
+14 1203	+15 1191 (72)	6 17 42.5	+15 13.7
+30 1539	+30 1540 (41)	6 26 43.2	+30 54.4
+31 1300	+31 1392 (72)	6 34 11.4	+31 30.5
-4 1700	-4 1690 (95)	6 44 42.7	-4 17.2
+24 1606	+24 1609 (91)	7 23 49.0	+24 24.2
+2 1715	+2 1712 (27)	7 29 19.2	+2 37.7
-17 2442	-10° 2277 (20)	8 12 43.4	-10 0.6
+14 2040	+14 2054 (24)	9 7 11.3	+14 46.2
-1 2312	-1 2314 (27)	9 43 56.2	-1 9.2
+60 617	+60 612 (20)	10 37 40.	+60 20.9
+70 644	+70 643 (20)	10 51 3.	+70 21.5
-13 3507	-13 3406 (86)	11 28 18.8	-13 39.5
+46 1017	+46 1019 (21)	12 39 55.4	+46 10.2
+30 2309	+30 2302 (11)	12 51 50.5	+30 15.1
+9 3576	+9 3570 (29)	1 56.4	+9 30
+36 3243	+36 3237 (24)	12 37 11.2	+36 43.5
-16 5272	-16 5260 (20)	19 9 52.9	-16 53
+9 4369	+9 4360 (21)	19 53 16.2	+9 9.5

Star. Special List

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A. A.		C. A. (1900) Dec.		Phot. magn.			
0	11	6.	+49° 40.6	2.96	2.96	Genell pl. car. forward.	Cu.
0	12	17.	+53 52.4	9.17	9.17	" " " "	Cu.
0	23	0.	+34 44.7	2.71	2.71	" " " "	Cu.
1	11	21. +	+25° 31.9	9.44	9.44	Genell. pl. carried forward.	Cu.
2	11	3. -	+11 55.4	7.97	7.97	" " " "	Cu.
3	57	3. +	+61 53.9	2.29	2.29	" " " "	Cu.
				2.57	2.57		Cu.
5	35	0	+17 15.6	2.10	2.10	Genell. pl. car. for.	Cu.
6	20	12.	+15 12.4	7.04	7.04	" " " "	
6	29	51. +	+32 52.1	2.72	2.72	" " " "	Cu.
6	37	5.	+31 22.3	2.16	2.16	" " " "	Cu.
				9.90	9.90		Cu.
7	26	32.	+24 12.0	9.70	9.70	Genell. pl. car. for.	Cu.
7	31	40.	+2 32.4	7.92	7.92	" " " "	Cu.
				7.72	7.72		Cu.
				9.20	9.20		Cu.
9	46	14.	-1 23.2	7.32	7.32	" " " "	
10	40	50.	+62 6.9	9.30	9.30	" " " "	Cu.
10	54	11.	+70 7.3	2.44	2.44	From Oa. A. carried forward.	Cu.
				9.05	9.05		Cu.
12	42	0.	+46 3.9	9.39	9.39	Genell. pl. car. for.	Cu.
12	54	6.	+32 0.5	10.35	10.35	" " " "	Cu.
12	4	5.	+9 3.3	9.16	9.16	Genell. pl. car. for.	Cu.
12	32	46.	+36 45.9	9.04	9.04	" " " "	Cu.
19	12	34.	-16 0.2	2.44	2.44	du. " " "	Cu.
19	55	26.	+9 16.2	9.67	9.67	Genell. " " "	Cu.

Comp. Stars for Fourth Type

Same Fourth Type Star.	Comp. Star.	R. A. (1875)	Dec.
Fourth Type +40° 4210	+39° K213 (+420 ^h 2K 39.9		+39° 52.9
+3K 4500	+3K 4496 (+421 35 1K 2		+34 46.9
+2 K709	+2 K710 (+423 39 55.2		+2 4.9
+59 2A10	+59 2A03 (+423 52 2K 0		+59 30.4
+K2 4A27	+K3 4620 (+423 56 50.6		+43 0.0

Star. Special List.

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R. A.		C. V. (1910) Dec.		Phot. mag.	Sessell. pl. cor. for.				
20	26 ^m 17 ⁿ	+40°	1.9						Cur.
21	37 9.	+34	59.2	2.20	"	"	"	"	Cur.
23	42 13.	+2	20.0	2.20	"	"	"	"	Cur.
23	54 39.-	+59	44.7	2.20	"	"	"	"	Cur.
23	59 9.-	+43	15.0	9.12	"	"	"	"	Cur.

Designation.	Comp. Star.	R. A.	Dec.
141926 - Bootis.	+26° 2559 (8.0)	14 ^h 16 ^m 0.3 ^s	+26° 11.3
W Bootis.	+27° 2411 (9.0)	14 37 11	+27 22.0
S.V. proc +7° 1772 (8.5) by 31.5" and 4.2" north.	+6° 1714 (8.0)	7 25 52.2	+6 57.2
Star near Kolf's Var. (Oct. 5, 1903)	+37° 3025 (9.1)	20 13 41	+37 0.4
Kolf's Var.	" " (11)	" " "	" "
Trillium's Star Var. (See Kennedy Dec. 16)	+29° 4652 (8.9)	22 19 56.2	+29 41.2
+47° 3031 (9.3) with	+47° 3037 (6.4)	20 6 12.2	+47 42.3
+12° 2346 (9.5) "	+12° 2349 (9.5)	10 12 24.1	+12 36.4
Proc. C.V. by 1 ^m 25", 11.0 north.	+17° 1533 (9.0)	7 2 36.5	+17 34.7
-5° 5020 (8.3) with	-5° 5023 (7.5)	19 29 35.4	-5 27.7

~~+47° 3031 (9.3) with +47° 3037 (6.4)~~
~~+12° 2346 (9.5) " +12° 2349 (9.5)~~
~~Star proc +17° 1533 (9.0)~~
~~by 1^m 25", and 11.0 north~~
~~-5° 5020 (8.3) } -5° 5023 (7.5)~~
~~with both Photo. S.~~

141926 - Bootis = +26° 2563 (8.0)	+26° 2559 (8.0)
W Bootis = +27° 2413	+27° 2411 (9.0)
S.V. proc. +7° 1772 (8.5) by 31.5" and 4.2" north of it.	+6° 1714 (8.0)
E Bootis	+19° 2421 (6.3)
RR Delphin (C.S. used with Phot. R.)	+13° 4504 (9.4)
	14 46 52.2 +19° 44.9
	20 36 53.2 +13 32.2

C. V. (1900)		Dec.		Phot. Magn.					
R.	A.								
14	12	3.	+26°	0.4	2.41	Berell. pl. car. forward.			
14	3A	59.	+27	10.4	9.27	"	"	"	"
7	2A	19.	+6	54.1	2.314	"	"	"	"
20	1K	4.4	+37	9.4	9.66	"	"	"	"
"	"	"	"	"	"	"	"	"	"
22	19	59.	+29	54.0	9.34	"	"	"	"
20	7	32.	+47	56.0	6.64	Berell. " " "			
10	1K	54.	+12	23.2	10.26	"	"	"	"
7	11	13.	+17	30.7	9.01	"	"	"	"
19	31	59.	-5	22.2	2.50	Heise " " "			

5.92

Comparison Stars for

Designation.	Comp. Star.	R. A. ^{L. S.} (1875)	Dec.
Titan and Lapetus.	-14° 4112 (9.0)	14 52 56.2	-14 5.2
	-14° 4095 (8.7)	14 54 39.1	-14 13.3
	-14° 4025 (8.4)	14 52 13.4	-14 9.0
	-13° 3994 (8.5)	14 43 12.7	-13 0.1
	-17° 4395 (9.2)	15 32 4.3	-17 3.1
	-16° 4122 (9.0)	15 29 0.2	-16 45.7
	-16° 4120 (8.0)	15 28 25.1	-16 31.7
	-19° 4321 (8.4)		
	-19° 4375 (8.5)		
	-19° 4374 (9.2)		
	-19° 4362 (8.5)		
	-21° 4642 (9.1)		
	-21° 4641 (9.0)		
	-21° 4605 (9.0)		
	-21° 4594 (8.2)		
	-21° 4564 (9.3)		
	-21° 4554 (8.7)		
	-21° 4540 (8.5)		
	-21° 4539 (8.7)		
	~~-21° 4540~~		
	-22° 4722 (9.2)		
	-22° 4702 (9.1)		
	-22° 4655 (8.2)		
	-22° 4642 (8.5)		
	-22° 4613 (9.1)		
	-22° 4619 (8.3)		
	-22° 4599 (8.0)		
	-22° 4521 (8.5)		

Titan and Lapetus.

23

R. A.		C. S. (1900)	Dec.	Phot. Magn.	
15 ^h 1 ^m 25 ^s			-14° 16.5		- Cu.
14 57 2.			-14 24.1		- Cu.
14 54 42.			-14 20.0		- Cu.
14 45 47.			-13 11.5	7.72	- Cu.
15 34 37.			-17 11.9		- Cu.
15 31 33.			-16 54.9		- Cu.
15 30 52.			-16 40.9		- Cu.
16 22 55.			-19 44.1		- Cu.
16 26 41.			-19 22.5		- Cu.
16 25 25.			-19 47.5		- Cu.
16 19 36.			-19 36.6		- Cu.
17 22 21.			-21 45.9		- Cu.
17 27 10.			-21 40.2		- Cu.
17 20 23.			-21 12.1		- Cu.
17 17 37.			-21 37.1		- Cu.
17 12 24.			-21 20.5		- Cu.
17 19 6.			-21 40.2		- Cu.
17 5 26.			-21 46.1		- Cu.
17 5 20.			-21 14.5		- Cu.
~~17 5 26.~~			~~-21 46.1~~		
12 20 32.			-22 15.2		- Cu.
12 17 1.			-22 39.6		- Cu.
12 11 55.			-22 22.5		- Cu.
12 11 7.			-22 12.1		- Cu.
12 6 52.			-22 20.9		- Cu.
12 7 22.			-22 44.6		- Cu.
12 4 42.			-22 15.5		- Cu.
12 2 43.			-22 10.2		- Cu.

Titan and Tapesus.

C.S. (1900)			Dec.		Phot. Diagn.	
17	59	49.	-22°	12.6		Cu.
17	56	31.	-22	46.3		Cu.
17	53	37.	-22	56.6		Cu.
14	51	11.	-13°	44.1		Cu.
14	46	59.	-13	34.7		Cu.
14	44	32.	-13	5.5		Cu.
14	43	50.	-13	43.9	5.32	Cu.
15	39	9.	-17	23.2		Cu.
15	35	15.	-16	55.3		Cu.
15	33	21.	-16	44.6		Cu.
15	29	42.	-17	4.3		Cu.
15	32	59.	-17	20.2	7.20	Cu.
15	36	31.	-17	3.3		Cu.
16	32	1.	-19	54.6		Cu.
16	15	12.	-19	41.2		Cu.

Stars (apparently Comp. Stars)
not in list of Comp. Stars for
Titan & Tapesus, but which
do not seem to be in my
Titan & Tapesus Ledger.

4.60

Comparison Stars

Designation.	Comp. Star.	R. A. (hr)	Dec.
(433) Ern.	-6° 56 26 (9.3)		
	-6 56 02 (9.5)		
	-6 55 79 (9.4)		
	-6 55 22 (9.3)		
	-4 54 10 (9.5)		
	+7 50 70 (9.7)		
	+7 50 72 (9.4)		
	+20 436 (9.4)		
	+21 215 (9.5)		
	+34 457 (9.4) 2 23 13.0	+34 12.2	
	+42 613 (9.0) 2 40 34.7	+42 10.2	
	+42 627 (9.2) 2 37 55.0	+42 56.2	
	+45 662 (9.3) 2 39 56.4	+45 47.7	
	+46 632 (9.7) 2 32 51.4	+46 20.2	
	+46 649 (9.4) 2 42 15.5	+46 12.5	
	+42 757 (9.2) 2 37 32.3	+42 27.7	
	+49 755 (9.7) 2 34 46.7	+49 35.6	
	+50 613 (9.4) 2 33 34.5	+50 55.1	
	+50 602 (9.0) 2 31 11.2	+50 53.1	
	+52 595 (9.0) 2 24 13.0	+52 12.0	
	+52 596 (9.3)		
	+53 493 (9.4)		
	+53 492 (9.5)		
	+53 490 (9.2)		
	+54 452 (9.5)		
	+54 432 (9.0)		
	+53 420 (9.5)		

for Asteroids.

29

R. A. (1900)			Dec.		Phot. Magn.	
20	50	4.	-6	2.3	9.57	Cen.
20	47	19.	-6	12.0	2.55	Cen.
20	41	23.	-6	20.9	2.64	Cen.
20	42	52.	-6	23.4	2.47	Cen.
20	12	32.	-3	54.3	2.45	Cen.
23	35	25.	+7	16.4	2.60	Cen.
23	36	36.	+7	39.0	9.09	Cen.
2	31	54.	+20	59.0	2.97	Cen.
1	31	5.	+21	34.6	11.20	Cen.
2	25	55.	+34	25.0	10.30	Cen.
2	23	35.	+34	53.5		
2	43	22.	+42	22.7	9.15	Cen.
2	44	19.	+43	0.8		
2	40	49.	+43	2.4	9.44	Cen.
2	45	40.	+45	59.7		
2	42	54.	+45	59.2	2.12	Cen.
2	41	50.	+46	31.7	2.53	Cen.
2	45	15.	+46	29.9	9.76	Cen.
2	39	40.	+42	41.9		
2	40	34.	+42	39.3	2.03	Cen.
2	37	49.	+49	47.3	2.62	Cen.
2	37	51.	+49	54.2		
2	36	39.	+51	6.9	2.22	Cen.
2	36	43.	+50	52.7		
2	33	15.	+51	5.0	9.55	Cen.
2	27	17.	+52	24.2	2.19	Cen.
2	27	12.	+52	20.3	9.72	Cen.
2	11	1.	+54	6.4	2.50	Cen.
2	11	22.	+54	9.5	9.90	Cen.
2	4	59.	+54	4.9	2.44	Cen.
1	57	59.	+54	17.0	7.22	Cen.
1	55	17.	+54	12.6	2.95	Cen.
1	49	2.	+53	50.3	2.31	Cen.

Comparison Stars

Designation.	Comp. Star.	R. A. ^{h. m. s.} (1875)	Dec.
(433) Eros.	+52° 424 ^h		
	+51 334 ^h		
	+42 463 ^h		
	+47 442 ^h		
	+46 325 ^h		
	+45 405 ^h		
	+44 347 ^h		
	+43 357 ^h		
	+42 379 ^h		
	+40 409 ^h		
	+39 452 ^h		
	+32 401 ^h		
	+37 490 ^h		
	+37 504 ^h		
	+36 451 ^h		
	+34 440 ^h		
	+30 461 ^h		
	+30 472 ^h		
	+29 519 ^h		
	+25 524 ^h		
	+24 525 ^h		
	+24 529 ^h		
	+23 621 ^h		
	+22 654 ^h		
	+21 610 ^h		
	+20 760 ^h		
	+17 820 ^h		

for Asteroids.

31

R. A.		C. V. (1900) Dec.		Phot. Mags.		
1	37	57	+52° 41.5	7.92		Cu.
1	33	31	+52 24.1			Cu.
1	22	32.	+57 32.6	2.75		Cu.
1	27	16.	+42 29.2	2.32		Cu.
1	27	56.	+42 3.2	2.69		Cu.
1	22	47.	+46 25.7	9.04		Cu.
1	33	34.	+45 31.7	2.22		Cu.
1	34	49.	+44 30.2	2.11		Cu.
1	32	54.	+43 22.9	2.95		Cu.
1	42	09.	+42 21.7	10.44		Cu.
1	51	54.	+40 22.6	2.34		Cu.
1	54	49.	+39 46.6	9.60		Cu.
1	52	19.	+32 55.3	2.70		Cu.
2	3	55.	+32 11.2	9.12		Cu.
2	7	49.	+37 37.4	9.10		Cu.
2	10	30.	+36 32.3	2.50		Cu.
2	21	45.	+34 57.2	2.34		Cu.
2	42	10.	+31 3.4	10.43		Cu.
2	54	51.	+30 21.2	9.26		Cu.
2	59	40.	+30 7.7	2.04		Cu.
3	33	22.	+25 49.3	2.92		Cu.
3	45	50.	+24 47.9	2.22		Cu.
3	46	55.	+24 23.2	9.19		Cu.
4	2	26.	+23 7.5	2.27		Cu.
4	2	3.	+22 27.6	2.15		Cu.
4	9	17.	+21 50.3	2.57		Cu.
4	22	45.	+20 37.0	2.52		Cu.
4	52	56.	+17 50.3	9.00		Cu.

Comparison Stars

Designation.	Comp. Star.	A. A. ^{C. A.} (1955) Sec.
(433) Eros.	+14° 915 (A.F.)	
" "	+12 925 (A.F.)	
" "	+11 1071 (9.4)	
" "	+2 1439 (9.1)	
" "	+2 1241 (9.5)	
" "	-2 2423 (9.1)	
" "	-2 2440 (A.F.)	
" "	-4 2732 (9.2)	
" "	-9 3157 (9.9)	
" "	-14 5977 (9.0)	
" "	-13 5241 (9.0)	

See also p.

(2) Flora.	+12° 2349 (9.5) 10 12 24.1	+12 36.4
" "	+12 2346 (9.5) 10 11 10.2	+12 52.6

(345) Terminus.	-2° 3462 (9.5) 11 52 57.6	-2 45.4
" "	-3 3231 (9.5) 11 57 30.1	-3 0.4
" "	+6 1665 (9.5) 7 12 52.0	+6 12.3
" "	+6 1656 (9.5) 7 17 12.4	+6 1.7

for Asteroids.

33

R. A.		C. V. (1900)	Sec.	Phot. mag.		
5 ^h	22 ^m	K ⁿ	+14°	59.4	2.52	Cu.
5	46	3A.	+12	51.2	2.46	Cu.
6	2	26.	+11	0.9	9.44	Cu.
6	35	11.	+2	35.6	2.26	Cu.
7	54	23.	+2	44.0	10.41	Cu.
9	9	23.	-2	30.4	9.62	Cu.
9	13	49.	-2	43.6	9.16	Cu.
9	45	3.	-5	0.7	9.70	Cu.
10	47	0.	-9	25.4	9.35	Cu.
21	10	3K.	-13	52.6	9.32	Cu.
20	59	26.	-13	33.3	9.37	Cu.

10	14	51.	+12	23.0	Cu.
10	13	3A.	+12	39.2	Cu.

12	1	16.	-3	0.4	Cu.
11	59	4A.	-3	15.4	Cu.
7	21	16.	+6	7.2	Cu.
7	19	37.	+5	56.7	Cu.

Comparison Stars

Designation.	Comp. Star.	C.S.		R. A. (Ary)	Dec.
(4) <i>Vesta</i> .	+24° 1999 (2.0)	A	43	34.7	+24 50.2
	+25 1997 (2.6)	A	41	43.3	+25 7.1
Comp. Star of 04.2.25 and 04.2.26.	E	3	57	42.	+17 39.8
	+20 2002 (2.5)	4	34	31.5	+20 21.6

(313) *Chaldaea*.

	R	9	13	25.3	+3 23.3
+3° 2190 (2.5)		9	12	30.0	+3 52.4

(7) *Iris*.

+12° 1576 (2.9)	7	11	55.4	+12 46.2
+12 1553 (2.7)	7	2	50.3	+12 36.2
+12 1532 (2.1)	7	6	23.7	+12 42.4
+12 1496 (2.4)	6	59	56.1	+12 30.3
+12 1495 (2.2)	6	59	49.5	+12 13.4
+12 1419 (2.1)	6	42	52.4	+12 17.5
+12 1391 (2.4)	6	45	26.9	+12 2.5
+17 1404 (2.0)	6	40	37.0	+17 34.7
+17 1362 (2.4)	6	35	24.2	+17 59.6
+17 1451 (2.5)	6	40	52.6	+17 29.1
+17 1541 (2.4)	7	10	49.5	+17 9.4
+17 1524 (2.5)	7	20	43.6	+17 20.9
+16 1495 (2.1)	7	22	45.0	+16 55.0
+17 1592 (2.0)	7	24	36.2	+17 21.7

for Asteroids.

35

R.A.	(1900)	Dec.	Dist.	Mag.		
2 ^h 46 ^m 16 ^s	+24°	41.0	2.52			Cer.
2 44 23.	+24	57.3	9.06			Cer.
4 0 17.	+17	47.4			C.S. proc. +17° 6' 21" (9.4) by 11.0 sec.	
4 37 11.	+20	27.1			and in 2.7 south of it.	
					(Handled in Feb. 4, 1910)	Cer.
9 15 46.	+3	12.1	10.77		{ This C.S. proc. +3° 21' 53" (7.2) by 12.2 and in 10.7 south of it.	Cer.
9 14 51.	+3	47.2	10.62			Cer.
7 14 33.	+12	42.2	2.20			Cer.
7 11 22.	+12	32.4	2.72			Cer.
7 9 2.	+12	44.1	7.91			Cer.
7 2 34.	+12	26.5	9.64			Cer.
7 2 27.	+12	9.5	9.31			Cer.
6 51 36.	+12	14.3	9.04			Cer.
6 42 5.	+12	5.5	9.90			Cer.
6 43 14.	+17	32.1	2.62			Cer.
6 32 2.	+17	57.3	9.26			Cer.
6 51 29.	+17	25.9	9.03			Cer.
7 13 26.	+17	4.2	9.21			Cer.
7 23 19.	+17	15.7	9.61			Cer.
7 25 20.	+16	49.7	2.42			Cer.
7 27 14.	+17	16.3	2.92			Cer.

Comparison Stars.

Designation.	Comp. Star.	R. A.	^{P.M.} (H.A.R.)	Dec.
(7) Lira.	+15° 1721 (9.4) 2	K	30.4	+15° 19.6
	+15 1795 (9.5) 2	10	57.5	+15 33.7
	-17 3954 (9.2) 13	46	5.2	-17 13.5
	-14 3747 (9.4) 13	26	45.1	-14 10.5
	-13 3742 (9.1) 13	31	11.9	-13 33.5
	-13 3755 (9.2) 13	34	31.1	-13 24.2
(37) Fides.	+22° 1932 (9.3) 2	21	20.0	+22 23.9
(15) Euvonia.	+13° 1275 (9.0) 2	7	53.6	+13 17.9
	+12 1220 (9.5) 2	12	24.2	+12 52.5
	+11 1264 (9.0) 2	24	32.4	+11 54.2
	+11 1227 (9.7) 2	30	21.9	+11 53.0
	+11 1904 (9.7) 2	37	19.6	+11 21.7
(327) Aquitania.	+4° 3221 (9.5) 16	46	32.5	+4 57.9

for Asteroids.

37

R. A.		Dec.		Phot. magn.		
A 7 ^m 3 ⁿ		+15° 11.2		9.52		Cu.
A 13 30.		+15 25.6		10.60		Cu.
A 23 54.		+22 15.2		9.72		Cu.
A 10 24.		+13 9.9		2.66		Cu.
A 14 55.		+12 50.3		10.00		Cu.
A 27 1.		+11 45.9		9.42		Cu.
A 32 50.		+11 43.2		10.42		Cu.
A 39 47.		+11 12.2		10.56		Cu.
16 K2 52.		+4 53.2		~~11.10~~ ~~10.97~~		Cu.

Comparison Stars

Designation.	Comp. Star.	R. A. ^{C.V.} (1875) Dec.	
(1) Ceres.	-22° 4173 (7.8)		
(2) Pallas.	+17° 2945 (9.0) 15 53 13.1 +17° 45.9		
(7) Iris com. (Apr. 1906)	-11° 5397 (9.5) 20 34 10.9 -11° 45.1		
" "	-12 5706 (9.3) 20 14 50.4 -12 10.7		
" "	-13 5573 (9.3) 19 52 10.9 -13 16.9		
" "	-13 5612 (9.3) 20 6 43.2 -13 36.9		
" "	-13 5626 (9.4) 20 2 32.4 -13 11.5		
(433) Eros. Opp. of 1907.	Not in S.M. (9.2) 1 9 52.9 +30 17.2		
	+32° 217 (9.5) 1 7 1.9 +32 4.7		
	+36° 149 (9.3) 0 46 1.4 +36 24.5		
	+36° 143 (9.2) 0 44 30.4 +36 36.2		
	+29° 4997 (9.5) 23 40 2.3 +29 37.2		
	+27° 4644 (9.3) 23 42 35.5 +27 43.4		
	+27° 4652 (9.0) 23 49 51.5 +27 36.9		
	^K Not in S.M. (9.2) 0 41 36.7 +24 31.2		

for Asteroids.

39

R. A.		C. S. (1900)	Dec.	Phot. Magn.	
16 ^h	25 ^m	39 ^m	-22°	35.3	2.92 Cu.
15	55	15	+17	34.0	2.66 Cu.
				9.90	Cu.
				9.54	Cu.
				9.27	Cu.
				9.94	Cu.
				10.30	Cu.
				10.95	Referred to Dir. star ^{+30° 20'} to obtain place. Cu.
				9.20	Cu.
				9.51	Cu.
				10.10	Cu.
				10.00	Cu.
				9.49	Cu.
				9.32	Cu.
				10.54	

Comparison Stars

Designation.		Comp. Star.	R. A.		C. V. (1900) Dec.	
Cu.	(7) Iri. (Opp. 1902)	Not in S.D. (9.9) 10 ^h 5 ^m 2 ^s			+2°	35.6
Cu.	" " " "	+3° 23 1/2 (9.4) 9 57 0.9			+3	3.1
Cu.	" " " "	+5° 22 35 (9.7) 9 40 52.2			+5	16.9
167 Urda. (Opp. 1905)		Not in S.D.	22	11	34.2	-11 2.3
" " " "		" " "	22	11	43.3	-10 43.6
(422) Kreusa. (Opp. 1907)		{ +12° 25 73 (9.7) +12 25 74 (9.7)				
(14) Iriane	(Opp. 1909)	+11° 25 27 (9.7)	12	54	7.7	+11 54.7

for Asteroids

41

$+12^{\circ} 25' 73$ was compared with $25' 74$ with Phot. I, but
the absolute magn. of neither ^{C.V.S.} is known.

on 09.3.31. The object was, however, not Icyra.
This comp. star was used with an object near the ret. plane of frame.

Comp. Stars for Eros (not in Dm.)

<u>Design.</u>	<u>magn.</u>
a	11.49
b	9.20
c	9.94
d	11.30
e	
f	10.29
g	10.02
h	10.95
k	10.84

Designation.	Comp. Stat.	R. A. ^{C. S.} (1877) Sec.
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R. A.

C. V.
1900

Dec.

Alt.
Magn.

Comparison Stars selected and used since the previous lists were made out.

Designation	Comp. Star	R. A.	^{L.S.} Dec.	Dec.
R X Herculis.	+12° 35' 42 (A.7)	10 ^h 22 ^m 57.2 ^s	+12° 50.2	
Fourth Type -13° 34' 07 (A.7)	-13° 34' 06 (A.6)	11 22 18.2	-13 39.5	
Enabos Var. 29. 1906.	+41° 45' 6 (9.0)	4 11 9.0	+41 44.7	
W Gemmorum.	+15° 12' 51 (A.9)	6 27 20.7	+15 5.4	
R R Draconis.	+62° 16' 39 (9.3)	12 37 56.	+62 32.2	
~~A X Herculis.~~	~~+12° 35' 42 (A.7)~~	~~10 22 57.2~~	~~+12 50.2~~	
U Y Cygni.	+29° 42' 41 (9.3)	20 50 26.9	+29 39.3	
Iris. (July 25. 1906)	-11° 53' 97 (9.5)	20 34 10.0	-11 45.1 Cu.	
" (Aug. 13. 1906)	-12° 57' 06 (9.3)	20 14 50.4	-12 10.7 Cu.	
76. 1905 (June Ceratka)	+56° 22' 60 (9.2)	19 30 42.0	+56 20.2	
Iris. (Sept. 21, 24 + 2. 1906)	-13° 55' 73 (9.3)	19 52 10.0	-13 16.9 Cu.	
Iris (Oct. 2. 10. 11. 1906)	-13° 56' 18 (9.3)	20 6 43.2	-13 36.9 Cu.	
Iris. (Oct. 12, 13. 1906)	-13° 56' 26 (9.4)	20 0 34.4	-13 11.5 Cu.	
Comp. Star for A. P. 3279 (=				
+62° 20' 07 (5.7))	+62° 20' 12 (A.2)	21 54 53.	+62 34.2	
Var. 31. 1907 (Lithomangel) See				
A. A. 174. 363.	$\Delta = +47° 12' 62 (9.3)$	6 3 17.2	+47 55.4	
E Bootis (Group of Vars.)	+19° 22' 21 (6.3)	14 46 50.2	+19 44.9	
N T Persei.	+32° 6' 11 (A.0)	2 51 37.0	+32 41.1	
R V Persei.	+34° 22' 2 (A.9)	4 2 16.9	+34 1.0	
Min. Star near throat. ph. of Trench (14)	+11° 25' 27 (A.5)	12 54 7.7	+11 54.7	
R X Gemmorum.	+33° 14' 17 (A.2)	6 42 5.7	+33 26.2	
R W Gemmorum.	+9° 12' 24 (A.0)	6 26 27.2	+9 11.6	
U Herculis (Var. prev. C. S.).	+32° 22' 26 (A.7)	17 12 51.9	+32 50.2	
P Schurigae (U Gem. type)	$\Delta = +47° 12' 62 (9.3)$	6 3 17.2	+47 55.4	
" " " "	$\Delta = +47° 12' 62 (9.3)$	6 3 17.2	+47 55.4	
A Z Aphidochi	+7° 32' 26 (9.2)	12 32 10.7	+7° 23.4	
Jupiter's Satellites	+19° 20' 95 (7.2)			

A. A.		C. A. (1900)		Sec.	Plot. Magn.		
12	25	2	+12	52.6	9.03		Cu.
					9.05		Cu.
4	14	21	+41	51.2	9.72		Cu.
6	29	55	+15	3.9			Cu.
							Cu.
20	36	34.0	-11	35.7	10.21	Dim. pl. car. for.	Cu.
20	17	19.4	-12	2.4	9.79		Cu.
19	31	42.9	+56	25	56.2	Gen. pl. carried forward.	
20	0	41	-13	9.5	9.27	Dim. pl. car. for.	Cu.
20	9	14	-13	29.0	9.94	" " " "	Cu.
20	11	26	-13	3.5	10.30	" " " "	Cu.

5.92

(Faded in Feb. 4. 1910) Cu.
 (" " " " ") Cu.

Additional Comp. Stars.

Designation.	Comp. Star.	R. A. (1875)	Dec.
Barr's Susp. Var.	+37° 214 (7.5)	3 ^h 32 ^m 10 ^s .5	+37° 6.9
Region of R. Virgins.	(64) Hagen No. 4.		
Barr's Susp. Var. (+30° 42')	+30° 36 (2.5)	0 ^h 11 ^m 44 ^s	+30° 0.7
~~(32 Cassiope)~~	~~+63° 146 (7.4)~~		
Kova Persei No. 2.	+43° 732 (7.5)	3 12 45.0	+43 14.6
Var. 31. 1907 (Silbernagel).	{ Comp. star on Oct. 3. 7 is star 2' or 3' due north of Var.	6 2 12.	+47 50.2
Susp. Var. near U Cephei.	Same C. S. as for U Cephei.		
Antalgol U Cygni.	+30° 4244 (9.0)	20 50 41.4	+30 7.9
R Z Lyrae.	+32° 3193 (9.2)	12 39 9.7	+32 40.6
R Virgins = 40 Virgins.	+30° 1245 (A.4)	6 20 52.3	+30 32.4
Ursae Majoris.	+62° 1160 (6.5)	10 54 22.	+62 26.2
R U Monocerotis.	-7° 1629 (9.3)		
Standards in Region of R Virgins	Hagen No. 4.		
Joining of two comp. stars for Var. 31. 1907 (Silbernagel).	{ +47° 1262 (9.3) This comp. star joined to c.v. 2' or north of the Var.	6 3 17.2	+47 55.4
R R Vulpeculae.			
R Leporis.	-15° 910 (7.7)	4 52 0.3	-15 0.4

Alg & Variables arranged

2

R Z Draconis.
 R Z Ophiuchi.
 R X Draconis.
 R Y Persei.
 R X Cassio.
 U Scuti.
 R U Monocerotis.
 Y Leonis.
 S W Ophiuchi.
 R Z Cassio.
 S Y Persei.
 R R Delphini.

 R X Herculis.
 R W Persei² Eriob's Var.²
 R R Draconis.
 U Y Cygni. (Antalgol)
 S Y Persei.
 R V Persei.
 R X Geminorum.
 R W Monocerotis.
 R Z Lyrae (Antalgol)
 R R Vulpeculae.

Algal. Stars observed

U Cephæi.

Z Persei

R T Persei

R W Tauri

R S Cephæi

U Y Cygni (Antal.)

Y Cancri.

Z Draconis.

U Ophiuchi.

u Hercules. 2

R V Ophiuchi.

Z Hercules.

V Serpentis. 2 Prob. not. - Corcoran.

(β Lyrae)

(R Lyrae)

R V Lyrae (Algal)

U Sigitæ.

R R Lyrae. Not in U. f. as an Antalgal.

S Cygni

U R Cygni.

W Delphini.

Y Cygni.

U Z Cygni

R.A.	(1900) Dec.	Phot. Magne.
		7.76 ^v
6 ^h 5 ^m 36. ^s	+47° 49.9'	7.25 ^v
		2.41 ^v
		7.12 ^v

