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Contains Regions for Map of the Sky.

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Friday February 27, 1920

Superposing for new stars.

Region 7 +45

3:15 Superposed AC 22394 (Feb. 14) on AC 21764 (Aug. 28, 1919)
AC 22394 does not show very faint stars and
the images are poor.

3:45 Nothing found.

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1920phae.proj..698A

Saturday February 28, 1920

Superposing for New Stars

Region 3 +45

10:15 Superposed AC 22419 (Feb. 20, 1920) on AC 22167 (Dec. 29, 1919)

11:15 Nothing found

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1920phae.proj..698A

Monday March 1, 1920

Map of the Sky 17 +45°

10:50

AC 22378 Feb. 10, 1920 compared with
AC 20214 June 18, 1918

11:30

Nothing found

2:30 5 +15.0

AC 22422 Feb. 20, 1920 compared with
AC 18754 Apr. 4, 1917

AC 22422 is out in R. a. and I can find no plate that will exactly superpose. The overlapping edge will be compared with a 6 +15 plate

2:55

Nothing found

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1920phae.proj..698A

Monday March 1, 1920

Map of the Sky 4 +30

3:15

AC 22420 Feb. 20, 1920 compared with
AC 20558 Oct. 1, 1918

One object found. may be depot
4:00 Asteroid AC 22420

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1920phae.proj..698A

Tuesday March 2, 1920

Map of the Sky 18 0.0

AC 22453 Feb. 26, 1920 compared with

AM 11094 Sept. 4, 1915

Images not very comparable but best fd. I could get.

Z Ophiuchi	Br.	H.	Bright Object found on
Var 22	22453 AC	11094 AM	corner of plate, may be
	11759 AC	21860 AC	astroid. Shows no trail
	9232 AM		on AI 19527 taken same
Wolf's var. 172103	Range 11.5-15.5		night. Have no plates of
Var. 23	22453 AC	11094 AM	this region so cannot
		9232 AM	confirm. Approx. pos. 17-15
		11759 AC n.s	
Nova Ophiuchi No 4			
Var. 24	22458 AC	11094 AM n.s	
	21860 AC	9232 AM n.s	
		11759 AC. n.s	
Var. 25	22453 AC	11094 AM	doubtful of variability
	11759 AC	12271 "	
	9232 AM		
Var. 26	AM 3726	AC 10637	doubtful of variability
	12241	22453	
	AM 11094		

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1920phae.proj..698A

Wednesday March 3, 1920

Map of the Sky 6 +30

11:30 AC 22423 Feb. 20, 1920 compared with

AC 12986 Mar. 10, 1912

12:05 Mars pos. 5 0 +24 48 on AC 12986

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1920phae.proj..698A

Wednesday March 3, 1920

Map of the Sky 8 0.0

2:10 AC 22457 Feb. 27, 1920 Compared with

AC 17294 Feb. 7, 1916

Object 8 10 +13 approx.

3:00 18 11 12 R Cancri Bright on 22457

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1920phae.proj...698A

Thursday March 4, 1920

Map of the Sky 0 +60

10:30

AC 22454 Feb. 27, 1920 compared with

AC 11111 Dec. 4, 1909

11:20

Found - δ Cassiopeiae } Both bright on AC 22454
T Cephei

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1920phae.proj..698A

Thursday March 4, 1920

Map of the Sky 6+60

2:50

AC 22455 Feb. 27, 1920 compared with

AC 8089 Dec. 6, 1906

3:25 Nothing found

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1920phae.proj..698A

Friday March 5, 1920

Map of the Sky. 20 +45

10:16

AC 22471 Mar. 1, 1920 Compared with

AC 18743 Mar. 30, 1917

11:15

χ Cygni Bright on AC 18743

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1920phae.proj..698A

Saturday March 6, 1920

Map of the Sky 8 + 30

~~9~~ 10:40

AC 22458 Feb. 27, 1920 Compared with

AC 18590 Feb. 21, 1917

Jupiter on AC 22458 pos. 8 51 + 18 35

Saturn on AC 18590 pos. 7 46 +21 28

10:40

Asteroid approx. pos 8 48 +32

" approx. pos. 8 20 + 18

08:040 W Syncis Var. Br. #. approx. pos. 8 30 + 40

Range 10.5 - 12.5 AC 18621 AC 22458

AC 18690

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1920phae.proj..698A

Saturday March 6, 1920

Map of the Sky 21+45

11:55

AC 22430 Feb. 20, 1920 Compared with

AC 18775 April 13, 1917

12:40

Nothing found

Both plates dark.

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1920phae.proj..698A

Saturday March 6, 1920

Map of the Sky 1+45

AC 22416 Feb. 19, 1920 Compared with

AC 17697 June 29, 1916

The images do not compare well but can find no plate that is more satisfactory

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1920phae.proj..698A

Monday March 8, 1920

Map of the Sky 11-45

9:45

AM 14671 May 2, 1919 superposed on

D 18551 (AM 3439) April 6, 1905

10:40

	Bright	Faint	
Var. 25	AM 14671	AM 3439	09 5 14' X Velorum
		" 13980	
Var. 26	AM 14671	AM 3439	R Y Velorum
	" 12204	" 13980	
		" 12869	
Var. 27	AM ~~14671~~ 14629	AM 3439	n.s. ν Antauri
	" 14629	" 12869	n.s.
		" 12204	n.s
		" 4848	

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1920phae.proj..698A

Monday March. 8, 1920

Map of the Sky 5° +30

12:00

AC 22479 Mar. 3, 1920 compared with

DC 20522 Sept. 21, 1918

Plate very dark — few stars.

12:30

Nothing found

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1920phae.proj..698A

Monday March 8, 1920

Map of the Sky 5+45-

2:55

AC 22383. Feb. 11, 1920 compared with

~~AC 21347 Apr. 22, 1919~~ does not show faint stars

AC 19615 Dec. 22, 1917

3:30

Nothing found

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1920phae.proj..698A

Tuesday March 9, 1920

Map of the Sky 4+45

AC 22480 Mar. 3, 1920 Compared with

AC 18991 July 21, 1917

AC 22480 dark plate with few stars
Nothing found.

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1920phae.proj..698A

Tuesday March 9, 1920

Map of the Sky 7 0.0

AC 22474 Mar. 2, 1920 Comp. area with

AC 18228 Nov. 22, 1916

AC22474 dark plate

061907 T Monoc. Bright Faint

Var. AC22474 18228 Range 6.0 – 6.8

20727 21918

061215 RY Gem.

Var. AC 18228 22474

20727 22706

21918

1920phae.proj..698A

Sunday March 8, 1920

Map of the Sky 130 +60

2:30

AC 22464 Mar. 1, 1920 Compared with

AC 19374 Nov. 2, 1917

The southern preceding corner of AC 22464 is poor - due to something evidently in way of instrument. Rest of the plate dark.

3:00

Nothing found

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1920phae.proj...698A

Wednesday March 10, 1920

Maj of the Sky 19 +30

10;10

AC 22450 Mar. 6, 1920 compared with

AC 21774 Sept. 4, 1919

Found Nova Lyrae 184929 (Miss Mackie's nova)
" +46°2753 (Miss Mackie's variable)
" WW Cyg. gm.

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Wednesday March 10, 1920

Map of the Sky 20 + 75

AC 22496 Mar. 7, 1920 · compared with

AC 1441.9 Sept. 30, 1913

Nothing found

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1920phae.proj...698A

Wdnesday March 10, 1920

Map of the Sky 6 +45

AC 22482 Mar. 6, 1920 Comp and mth

AC 21214 Mar. 1, 1919

Found X Geminorum 064030
Ac
Br. on A 22482

050953 R Aurigae

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1920phae.proj...698A

Thursday March 11, 1920

Map of the Sky 8+15

10:30

AC 22499 Mar. 9, 1920 compared with

AC 20659 Nov. 7, 1918

11:15

Found 2 asteroids

AC 22499 pos. 8 45 18.°0 one asteroid } approx.
AC 20659 " 8 47 17.°9 other " }

Jupiter on AC 22499 8 46 + 18 53
" " AC 20659 7 8 + 22 26

	Bright	Faint		
Var.*	AC 22499	20659	081112 R Cancri	6.0 - 11.3
	22497	19885		
Var.*	AC 22459	20659	080523 RR Cancri	10 < 14
Var.*	AC 22499	20659	070714 - Gemini	10.8 < 14.9

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1920phae.proj...698A

Thursday March 11, 1920

Map of the Sky 3+30 ~~7+30~~

AC 22473 Mar. 2, 1920 compared with

AC 20499 Sept. 14, 1918

Nothing print

AC 22473 dark plate. Shrimp finds stars

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1920phae.proj..698A

Friday March 12, 1920

Map of the Sky 7 +15

11:00

AC 22446 Feb. 26, 1920 compared with

AC 17293 Feb. 7, 1916

11:45 Found

X Semiannum

Var. 6 58 + 25 0 65326 SW Sem. Range 9.2-10.6

Var 7 20 + 13 0 71713 V Sem. " 7.5 - 14.5

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1920phae.proj..698A

Friday March 12, 1920

Map of the Sky 6 0.0

AC 22445 Feb. 26, 1920 Compared with

AC 19576 Dec. 10, 1917

061702 U Monoc. 6.5-13.2

5 30 +5 Known variable - approx. position.

Var. 91 in Orion Nebula.

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1920phae.proj..698A

Saturday March 13, 1920

Map of the Sky 4+15

AC 22503 Mar. 10, 1920 compared with

AC 17946 Sept. 27, 1916

Shows few stars.

Found W Arietis 03 14 28 Br. on AC 17946

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1920phae.proj...698A

Monday March 15, 1920

Map of the Sky 17 00

AC 22509	Mar. 10, 1920	compared with
~~AC~~ 10670	June 12, 1915	
Four stars		
	Nothing found	

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1920phae.proj..698A

Monday March 15, 1920

Maps of the Sky 5 0.0

AC 22 498 Mar. 9, 1920 compared with

(AC 20740 Nov. 26, 1918) This plate has 2 Exp.
RC 19438 Nov. 10, 1917

Var. 91 in Neb. Orion

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1920phae.proj...698A

Tuesday March 16, 1920

Map of the Sky 0 +75

AC 22502 Mar. 10, 1920 compared with

AC 17926 Sept. 23, 1916

Nothing found

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1920phae.proj...698A

Wednesday March 17, 1920

Map of the Sky 4 + 75

AC 22476	Mar. 2, 1920	compared with
AC 15788	Nov. 26, 1914	

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1920phae.proj...698A

Thursday March 18, 1920

Map of the Sky 17 +30.0

AC 22330 Jan. 30, 1920 compared with

AC 16795 Sept. 30, 1915

Found

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1920phae.proj..698A

Friday March 19, 1920

Map of the Sky 11-45

AM 4848 May 22, 1907 Superposed on

D 1855 1 (AM 3439) April 5, 1905

found 8 Variables One found on previous plate p. 19 Var. 24

	Br.	Ft.	
Var. 28	AM 4848	AM 3439	10 16 34. Vautliae
New Var. 29	AM 4848	AM 3439 (n.s.)	approx. pos. 10 24 - -50 4 0
	AM 4765	AM 10525 (seem)	C DM -50° 5170 10 23 9.3 -50 32.2 mag 10
Var. 30	AM 3439	AM 4848	10 18 60 b - Carinae
New Var. 31	AM 4848	AM 3439	pos. -60° 23 7.0 10 49 4.0 -60 25.6 9.4
	AM 12896	AM 10525	C
Var. 33	AM 4848	AM 3439	11 20 60 disc by Miss Leavitt not published
Var. 32	AM 4848	AM 3439	10 16 59 - Carinae 2059
Var. 34	AM 4848	AM 3439	Effective image star
		AM 4874	remains same on all plates exam.

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Thursday March 25, 1920

Map of the Sky 11-45

AM 12896 Mar. 24, 1917 superposition

D18551 (AM3439) Apr. 5, 1905

	Bs.	Ft.	
Jan. 34			
Jan. 34	AM 12896	AM 3439	approx. pos. 10 50 – 48°
	AM 12918	AM 10525	C.P.D. –48°3567 10 44 57.0 – 48°0.8 mag 10.0

Redetermined Jan. 31

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Saturday March 27, 1920

Map of the Sky 11-45

AM 10525 May 2, 1915 superposed on

D 1853, (AM 3439) April 5, 1905

	Bs.	2s.	
Var. 35	AM 10525	AM 3439	R Y Velorum
Var. 36	AM 10525	AM 3439	
Var. 37	AM 10525	AM 3439 (n.s.)	R S Centauri
Var. 38	AM 10525 10570	AM 3439 (n.s.) " 12896	W Centauri (Seaitt 37)
Var. 39	AM 10525	AM 3439 AM 12896	114441 T Centauri 7.5-11.8 1130 - 42

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1920phae.proj...6884

Saturday March 27, 1920

Map of the Sky 18+15

AC 22530 Mar. 23, 1920 compared with

AC 20316 July 27, 1918

Nova Aquilae No. 3

Nova Aphuichi No. 4

Asteroid approx. 17 20 +6

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1920phae.proj..698A

Saturday March 27, 1920

~~Satur~~ Maps of the Sky 1900

AC 22531 Mar. 23, 1920 compared with

BM 12087 June 29, 1916

190601 – Aquilae.

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1920phae.proj..698A

Thursday April 15, 1920

Map of the Sky 17 + 15°

AC 22579 April 9, 1920 compared with

AC 16423 April 21, 1915

Finished Friday April 16, 1920

			Bright
160118	R Herculis	8.0-14.7	AC16423
162119	U Herculis	6.7-<13.0	"
164012	W Herculis	8.8-14.0	"
171723	RS Herculis	7.5-12.8	"

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1920phae.proj..698A

Saturday April 17, 1920

Map of the Sky 8 0.0

AC 22563 April 8, 1920 compared with

AC 22171 Dec. 30, 1919

bright

R Cancri AC 22563

~~S~~ Cancri AC 22563

~~2 New Variables near X Cancri~~

2 Asteroids near Jupiter

one bright on AC 22563, other on AC 22171

Neptune

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1920phae.proj..698A

Monday April 19, 1920

Map of the Sky 6 +60

Ac 22559 April 7, 1920 compared with

Ac 10119 Dec. 29, 1908

Ac 22559 does not show many faint stars.

Nothing found

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1920phae.proj..698A

Monday April 19, 1920

Map of the Sky 18 0.0

AC 22588 April 10, 1920 Compared with

AC 22453 Feb. 26, '20

Z Ophiuchi

Nova Oph. No. 4

Asteroid near 18–15

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1920phae.proj..698A

Tuesday April 20, 1920

Map of the Sky 19 +45

AC 22587 April 10, 1920 compared with

AC 17058 Dec. 1, 1915

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1920phae.proj..698A

Tuesday April 20, 1920

Map of the Sky 23 +45

AC 22598 April 14, 1920 compared with

AC 20576 Oct. 7, 1918

Nothing formal

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1920phae.proj..698A

Wednesday April 21, 1920

Map of the Sky 20 +30

AC 22605 April 18, 1900 compared with

AC 15391 August 23, 1914

Nothing found

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1920phae.proj..698A

Thursday April 22, 1920

Map of the Sky 18 + 30

AC 22604 Apr. 18, 1920 Compared with

AC 16812 Oct. 6, 1915

Nothing found

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1920phae.proj...6869

Friday april 23, 1920

Map of the Sky 2+75

AC 22572 April 9, 1920 compared with

AC 11258 Jan. 7, 1910

Found I Cannot. Inglut on AC 11258

Defect?

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1920phae.proj...698A

Monday April 26, 1920

Map of the Sky 22 +75

Mc 22589 April 10, 1920 Compared with

Mc 11550 April 1, 1910

Nothing found.

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1920phae.proj...698A

Thursday May 13, 1920

Map of the Sky 18 +60

AC 22616 April 28, 1920 compared with

AC 19316 Oct 22, 1917

Bright n.s.m Defect.
AC 19316 AC 22616 approx pos. 18 20 +63

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1920phae.proj..698A

Thursday May 13, 1920

Map of the Sky 18+15

AC 22634 May 10, 1920 compared with

AC 16292 March 18, 1915

Bright

AC 22634 approx. pos. 18 30 +4

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1920phae.proj...698A

Friday May 14 1920

Map of the Sky 17 + 30

AC 22625 May 4, 1920 compared with

AC 21014 Jan. 26, 1919

Nothing Found

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1920phae.proj..698A

Saturday May 15. 1920

Map of the Sky 22 30 +60

AC 22633 May 6, 1920 compared with

AC 19098 Sept. 8, 1917

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1920phae.proj...698A

Wednesday May 19, 1920

Map of the Sky 7+30

AC 22628 May 6, 1920 compared with

AC 21723 Nov. 24, 1918

& Boothby found

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1920phae.proj..698A

Thursday May 20, 1920

May of the sky 20 + 15

AC 7 7648 May 19, 1920 compared with

AC 16696 Sept. 2, 1915

Nothing found.

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1920phae.proj...698A

Thursday May 20, 1920

Map of the Sky 17 0.0

AC 22646 May 18, 1920 compared with

AC 16582 July 12, 1915

Nothing found

Shows very few stars.

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1920phae.proj..698A

Thursday May 20, 1920

Map of the Sky 0 +75

AC 22649 May 18, 1920 compared with

AC 16044 January 26, 1915

Nothing Found

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1920phae.proj...6988

Friday May 21, 1920

Map of the Sky 1800

AC 22647 May 18, 1920 Compared with

AM 8603 Sept. 5, 1912

Nothing found

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1920phae.proj..698A

Thursday June 3, 1920

Map of the Sky 19+30

AC 22661 May 30, 1920 compared with

AC 19447 Nov. 12, 1917

Jan. 43	Found	Brightness	Range
181136	W Lyrae	AC 22661	7.3 – 12.5
180531	T Herculis	AC 19447	6.9 – 13.3
194632	χ Cygni	AC 22661	
191419	U Sagittae	AC 22661	

Probably new Variable position for 1855

DM 3459 $18^h 24^m 7.6$ +21 46.0 Br. AC 22661

Ident. I 29380 Found by A.D.W. later.

Br. AC 19553 Fl. 19488 AC

19026 AC 19063

1900 position

18 26 2.0 +21 47.6

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1920phae.proj...6984

Thursday June 3, 1920

Map of the Sky 21 +30

AC 22664 May 30, 1920 compared with

AC 19427 Nov. 9, 1917

Nothing found.

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1920phae.proj..698A

Thursday June 3, 1920

Map of the Sky 1930 +60

AC 22662 May 30, 1920 Compared with

AC 17628 May 24, 1916

Found Bright

T Cephei AC 22662

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj...698A

Friday June 4, 1920

Map of the Sky 20 +75

AC22663 May 30, 1920 compared with

AC 14189 July 19, 1913

Nothing found.

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1920phae.proj..698A

Wednesday June 9, 1920

Map of the Sky 17+15

AC 22670 June 7, 1920 Compared with

AC 15288 June 23, 1914

	Found	Bright	
172518	UZ Herculis	AC 15288	Range 9.3 – 12.1

AC 22670 does not show very faint stars.

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1920phae.proj..698A

Wednesday June 9, 1920

Map of the Sky 18 0.0

AC 22671 June 7, 1920 compared with

AM 8603 Sept. 5, 1912

183308 X Ophiuchi Br. on AC 22671 Range 6.5-9.5

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1920phae.proj..698A

Wednesday June 9, 1920

Map of the Sky 19 + 45

AC 22672 June 7, 1920 Compared with

AC 17837 Aug. 29, 1916

Nothing found

~~62, 61 AC~~

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj...698A

~~Th~~ Friday June 18, 1920

Map of the Sky 19+15

AC22677 June 14, 1920 compared with

AC13211 July 6, 1912

Var. 38 Dm Position 1855

+27° 3536 $19^h 45^m 33.9$ +275.2 br. on AC13211 mag. 7.9

new

Discovered by Miss Mackie

Bright AC13211 I 15871

Faint AC22677 I 18925 AC13

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj..698A

Tuesday Sept. 28, 1920

Map of the sky 19 0.0

AC 22906 Sept. 24, 1920 compared with

AC 17717 July 6, 1916

Nothing found.

Not many stars on plate.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj...698A

Wednesday Sept. 29, 1920

Map of the Sky 2+45

AC 22910 Sept. 25, 1920 compared with

AC 19930 Mar. 16, 1918 + south, preceding half of plate compared with
AC 20533 Sept. 27, 1918

Nothing found

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj..698A

Wednesday Sept. 29, 1920

Map of the Sky 130 +60

AC22911 Sept. 25, 1920 compared with

AC19451 Nov. 12, 1917

Nothing found

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1920phae.proj...698A

Friday Oct. 1, 1920

Map of the Sky 18 +45

AC 22834 Sept. 1, 1920 compared with

AC 18742 Mar. 30, 1917
and
AC 19570 Dec. 10, 1917 (18 + 30)
AC 22834 not centered at 18 +45 another plate AC 19570 used to cover the rest of the region. This part of plate fogged

Nothing found.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj..698A

Monday Oct. 4, 1920

Map of the Sky 6 0.0

AC 22922 Oct. 1, 1920 Compared with

AC 19498 Nov. 25, 1917

Bright	faint	
AC 22922	19498	Var. 91 in Orion Neb.
AC 19498		U Monocerotis
AC 22922		052504 - Orionis

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1920phae.proj...0884

Monday Oct. 4, 1920

Map of the Sky 21 +45

AC 22917 Oct. 1, 1920 Compared with

AC 18373 Dec. 30, 1916

Nova Cygni #3 br. on 22917

XZ Cygni 193056 " " 22917 range 8.7 - 9.3

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1920phae.proj..698A

Tuesday Oct. 5, 1920

Map of the Sky. 17 +15

AC 22926 Oct. 2, 1920 compared with

AC 17683 June 26, 1916

Plate does not show many faint stars, also badly scratched in one spot.

Nothing found

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj..698A

Tuesday Oct. 5, 1920

Map of the Sky 20 +30

AC 22931 Oct. 3, 1920 Compared with

AC 20219 June 19, 1918

RT Cygni br. on AC 20219

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1920phae.proj..698A

Wednesday Oct. 6, 1920

Map of the Sky 3 +60

AC 22937 Oct. 3. 1920 compared with

~~AC 12682 Oct. 27, 1911~~ (Does not show ft. stars.)
AC 12745 Nov. 18, 1911

approx. pos. 1 33 +54 br. AC 22937 Var? suspected variable
" AC 13445
ft. AC 12745

?! Is this a defective image on AC 12745?!

1920phae.proj..698A

Thursday Oct. 7, 1920

Map of the Sky 18 0.0

AC 22940 Oct. 4, 1920 compared with

AC 15345 July 22, 1914

R Aquilae br. on AC 22940

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1920phae.proj..698A

Thursday Oct. 7, 1920

Map of the Sky 6 +60

AC 22923 Oct. 1, 1920 compared with

AC 12691 Oct. 28, 19 11

— Camelopardalis pos. 04 40 68

Var. 40

New? approx. pos (1855) 5 16 +50 br. on AC 12691 ft. AC 22923

12173 12876

I 15352 13018

I 24443

I 14930 very ft. trace Apr. 16, 1896

(does not show ft.s) I 15174 n.s. May 27, 1896

I 15352 br. June 22, "

I 15741 getting ft. Aug. 19, "

I 15971 barely visible Sept. 20, "

I 17303 n.s. Feb. 10, 1897

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1920phae.proj...698A

Friday Oct. 8, 1920

New Variable -

	max.
AC 12691	Oct. 28, 1911
I 15352	June 22, 1896
AC 5710	Dec. 11, 1904
" 5841	Jan. 15, 1905
" 5909	" 28, "
" 6956	Nov. 8, 1905
" 7941	Oct. 25, 1906 not as br. as usual.

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1920phae.proj..698A

Thursday Oct. 14, 1920

Map of the Sky 1 +45.0

AC 22965 Oct. 9, 1920 compared with

AC 18245 Dec. 1, 1916

005940 R X Androm. br. on AC 18245

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1920phae.proj...698A

Thursday Oct. 14, 1920

Map of the Sky 17 + 45

AC 22961 Oct. 9, 1920 Compared with

AC 18359 Dec. 28, 1916

Few stars shown on Plate AC 22961
Nothing found

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1920phae.proj..698A

Monday Oct. 18, 1920

Map of the Sky 19+15

AC 22985 Oct. 15, 1920 compared with

AC 15390 August 23, 1914

Does not show faint stars.

R Aquilae br. on AC 22985

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1920phae.proj..698A

Monday Oct. 18, 1920

Map of the Sky. 19+45

AC 22975 Oct. 13, 1920 compared with

AC 17058 Dec. 1, 1915

Nova Cygni 1920 on AC 22975

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1920phae.proj..698A

Tuesday Oct. 19, 1920

Map of the Sky 1800

AC 22984 Oct. 15, 1920 compared with

AC 16646 Aug. 13, 1915

Does not show many stars

R Aquilae hr. on AC 22984

Nova " No. 3 " " "

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1920phae.proj..698A

Wednesday Oct. 20, 1920

Map of the Sky 22 +30

AC 22992 Oct. 17, 1920 Compared with

AC 16532 June 18, 1915

Nothing found

Show few stars

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1920phae.proj..698A

Wednesday Oct. 20, 1920

Map of the Sky 23 + 45

AC 22993 Oct. 17, 1920 compared with

AC 20385 Aug. 18, 1918

Nothing found

Shows few stars

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1920phae.proj..698A

Thursday Oct. 21, 1920

Map of the Sky 4 +30

AC 22995 Oct. 19, 1920 compared with

AC 16845 Oct. 15, 1915

Nothing found

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj..698A

Thursday Oct. 21, 1920

Map of the Sky 7 +15

AC 22798 Oct. 19, 1920 compared with

AM 6789 Nov. 20, 1909

Asteroid approx. pos. 7 15 +20 h. on AM 6789

approx. pos. 6 50 +23 — Star disappeared on AM 6789 — may be defective spot on plate. Plates taken Dec. 5 (AM 6800) and Nov. 10 (AC 11041) show the star bright as on AC 22798. Can find no AI plates to cover this date.

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1920phae.proj..698A

Friday Oct. 22, 1920

Map of the Sky 21 0.0

AC 22890 Sept. 21, 1920 compared with

AC 16478 May 18, 1915

789 Asteroid approx. pos. 21 10 – 17° on AC 16478

T Aquarii br. on AC 22890

205204 – Equulei br. on AC 22890

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1920phae.proj..698A

Monday Oct. 25, 1920

Map of the Sky 19 56 +53.6

Plate AC 23000 Oct. 20, 1920 taken for Nova Cygni No. 3. compared with

AC 19471 Nov. 16, 1917 (center at 19 31 +59.5)

AC 19280 Oct. 14, 1917 (" " 20 55 +59.5

AC 19187 Sept. 23, 1917 (" " 19 53 +45.2)

Found

Nova Cygni No. 3 br. on AC 23000

T Cephei br. on AC 19471

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1920phae.proj...698A

Tuesday Oct. 26, 1920

Map of the Sky 8 ~~+~~ 0.0

AC 23021 Oct. 23, 1920 Compared with

AC 15888 Dec. 17, 1914

072708 S Canis. Min. br. on AC 15-888 (7.7-12.7)

084808 S Hydrae br. on AC 23021 (7.5-13.0)

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1920phae.proj..698A

Tuesday Oct. 26, 1920

Map of the Sky 21 +45°

~~AC 19555 O~~

AC 23014 Oct. 23, 1920 compared with

AC 19555 Dec. 7, 1917

Nova Cygni No. 3 br. on AC 23014

RT Cygni 194048 br. on AC 19555

RR Lacertae 223755 " " "

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1920phae.proj...698A

Wednesday Oct. 27, 1920

Map of the Sky 5 +45

AC 22979 Oct. 13, 1920 compared with

AC 11551 Apr. 2, 1910

Nothing found

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1920phae.proj..698A

Wednesday Oct. 27, 1920

Map of the Sky 22 +15

AC 22957 Oct. 8, 1920 Compared with

AC 16788 Sept. 28, 1915

Nothing found

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj...698A

Monday Nov. 1, 1920

Map of the Sky 21 +60

AC 23011 Oct. 22, 1920 compared with

AC 19583 Dec. 11, 1917

Nova Cygni No. 3 on AC 23011

T Cephei 21 08 68 Dv. on AC 19583

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1920phae.proj..698A

Monday Nov. 1, 1920

Map of the Sky 0 +60

AC 22977 Oct. 13, 1920 compared with

AC 17964 Oct. 3, 1916

230759 V Cassiopeiae br. on AC 22977

Peculiar object resembling moon on AC 22977. Three images - can see stars thru it. 00 30 +54 approx. position.

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1920phae.proj...698A

Tuesday Nov. 9, 1920

Map of the Sky 19 +30

AC 23034 Nov. 5, 1920 compared with

AC 16571 July 9, 1915

Star faint on AC 23034 and br. on AC 16571 may be due to defect in film. Will look at recent plate covering region as soon as it comes over. Approx. position 19 20 +22 0 23

Nov. 10, 1920 AC 23043 Nov. 8, 1920 shows this star of normal brightness. Therefore assume that the image was defective on AC 23034.

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1920phae.proj..698A

Wednesday Nov. 10, 1920

Map of the Sky 22 30 +60

AC 23038 Nov. 5, 1920 compared with

AC 17265 Jan. 29, 1916

V Cassiopeiae br. on 23038

T Cephei br. on AC 17265

21 22 58 Var. 41 br. on AC 23038, AC 18127, AC 23044
ft. " AC 17994, AC 17265

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1920phae.proj...698A

Wednesday Nov, 10, 1920

Map of the Sky 8 +15

AC 23032 Nov. 4, 1920 Compared with

AC 17184 Jan 3, 1916

072708 β Canis Minoris br. on AC 17184

Jupiter 6 56.6 +22 19.6 on AC 17184

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1920phae.proj..698A

Thursday Nov. 11, 1920

Map of the Sky 5 +30

AC 3049 Nov. 8, 1920 compared with

AC 18452 Jan. 17, 1917

Nothing found

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1920phae.proj...6984

Thursday Nov. 11, 1920

Map of the Sky 22+45

AC 23044 Nov. 8, 1920 compared with

AC 19076 Sept. 4, 1917

V Cassiopeiae br. on AC 19076

approx. pos.

213653 R U Cygni br. on AC 19076

220450 Y Lacertae br. on AC 19076

* 232453 br. on AC 19076 n.s. on AC 23044

232648 Z Androm. br. on AC 19076

222239 S Lacertae br. on AC 19076

* Examined about 60 AC plates (23+45) and found this object of normal brightness on all plates except AC 20298 July 20, 1918 on which it appeared faint. This plate is fogged and poor, which may account for the difference in magnitude. A plate taken Nov. 5, 1920 22 30+60 shows this star of normal brightness also. When I can find the AI Catalogue will see if there is a plate taken same night covering this region.

AI 20055 shows this star bright.

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1920phae.proj..698A

Friday Nov. 12, 1920

Map of the Sky 6+15

AC 23048 Nov. 8, 1920 compared with

AC 17447 Mar. 27, 1916

Saturn on AC 17447 6 42.5 +22 47.4

Approxpos.
6 40 +23 Asteroid? May be Ceres. n.s. on AC 17447
Not Var. because not found on any plate.
Taken Nov. 10, 1913 + Dec. 13, 1914. No Mgrt
on AC 22998 (7+15) taken Oct. 11, 1920.

Nov. 15, 1920

Plate taken Nov. 12, shows the suspected
object to be an asteroid!

* New Var. 42
DM +30° 741 4 46 31.3 +30° 19.3 (6.8)

br.	ft
AC 23048	AC 17447
AC 5491	AC 17411
AC 643	AM 11623

* Remark This star is very near S.U. Amigai (+30° 743) discovered by Miss Leavitt. The latter has a very small range, The former quite a large range.

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1920phae.proj..698A

Saturday Nov. 13. 1920

Map of the Sky 3 +30

AC 23046 Nov. 8, 1920 Compared with

AC 18109 Nov. 6, 1916

02 42 17 ~~02 50 00.3~~ + Tarietis Br. on AC 23046

1 52.3 +27 11 DM +27°318 found by Miss Walker on AC 23047.

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1920phae.proj..698A

Monday Nov. 15, 1920

Map of the Sky 7+30

AC 23059 Nov. 12, 1920 compared with

AC 18664 Mar. 15, 1917

Saturn on AC 18664

Asteroid see 6+15 p. 104

070122 β Geminorum br. on AC 23059

073723 δ Geminorum br. on AC 18664

Another object marked at about 7 30 + 18- star image is dyactive on AC 18664 + Thus appears faint.

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1920phae.proj..698A

Monday Nov. 15, 1920

Map of the Sky 18 +15

AC 23051 Nov. 12, 1920 compared with

AC 18733 Mar. 29, 1917

Nova Aquilae No. 3 on AC 23051

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1920phae.proj..698A

Tuesday Nov. 16, 1920

Map of the Sky 4.5 +60

AC 23070 Nov. 14, 1920 compared with

AC 19149 Sept. 16, 1917

Nothing found

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1920phae.proj..698A

Thursday Nov. 18, 1920

Map of the Sky 4+45

AC 23067 Nov. 13, 1920 compared with

AC 14488 Oct. 31, 1913

Nothing found

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1920phae.proj..698A

Thursday Nov. 18, 1920

Map of the Sky 20 0.0

AC 22973 Oct. 13, 1920 compared with

AC 14157 July 8, 1913

R Aquilae Br. on AC 22973

Star imps. 20 14 -8 Br. on BC 22973 + ft. on AC 14157. Examined plate + found image slightly defective which must account for difference. Other plates taken July 7 + 9 show no change.

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1920phae.proj..698A

Friday Nov. 19, 1920

Map of the Sky 21 +30

AC 23074 Nov. 17, 1920 compared with

AC 18220 Nov. 22, 1916

214012 TU Pegasi (10.0 – <13.0) by on AC 23074

213843 SS Cygni (8.1 – 12) " " AC 23074

214742 UZ Cygni (10.1 – 12.1) " " AC 23074

Disc. by Mk. 19533 —— " " AC 23074
Bb 6:174

	Br.	Ft.		
New Var. 44	AC 23074	AC 20466	approx. pos.	21 ~~46 29~~ 35.3 +46 14
	AC 18373	AC 18220	DM ~~+46°~~ (1855)	21 35 23.8 +46 13.9
	AC 20544	AC 18949	Identif. I 15428	
		AC 16697	(1900)	21 37 5.0 +46 26.0

Rem. Var. 45 AC 23074 ~~AC 18220~~
UZ Cygni. ~~AC 20527~~ AC 18949
~~AC 20466~~ ~~AC 18373~~
AC 23044

Note.
Miss Wells looked this up as I 15428 for further information

1920phae.proj..698A

Friday Nov. 26, 1920

Map of the Sky 0 +75

AC 23054 Nov. 13, 1920 compared with

AC 19402 Nov. 5, 1917

R W Cassiopeiae lr. on AC 23054

V Cassiopeiae "lr. on AC 23054

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1920phae.proj..698A

Friday Nov. 26, 1920

Map of the Sky 0 + 45

AC. 23078 Nov. 18, 1920 compared with

AC 19140 Sept. 14, 1917

Nothing found

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1920phae.proj..698A

Friday Nov. 26, 1920

Map of the Sky 18 + 30

AC. 22974 Oct. 13, 1920 compared with

AC 12489 Aug. 14, 1911

Nothing found

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1920phae.proj..698A

Monday Nov. 29, 1920

Map of the Sky 20 +15

Ac 23082 Nov. 26, 1920 compared with

Ac 18951 July 15, 1917

20 40 +22

Does not show many stars.

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1920phae.proj..698A

Tuesday Nov. 30, 1920

Map of the Sky 7 0.0

AC 23087 Nov. 26, 1920 compared with

AC 18693 Mar. 22, 1917

Nothing found

AC 23087 dark, shows few stars + difficult to compare because of darkness of plate

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1920phae.proj..698A

Tuesday Nov. 30, 1920

Map of the Sky. 90 +75

AC 23083 Nov. 06, 1920 Compared with

AC 13947 April 9, 1913

Nothing found

AC 23083 for plate, dark, shows few stars.

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1920phae.proj..698A

Thursday Dec. 2, 1920

Map of the Sky 20 +45

AC 23088 Nov. 29, 1920 compared with

AC 12530 Sept. 1, 1911

approx pos. Nova Aquilae No. 3 Nov. on AC 23088

19 45 32 X Cygni Nov. on AC 12530

19 58 33 DM +33° 3718 found by Miss Mackie 6:174
Nov. on AC 12530

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1920phae.proj..698A

Monday Dec. 6, 1920

Map of the Sky 8 0.0

AC 23100 Dec. 2, 1920 Compared with

AC 5542 Nov. 16, 1904

071713 U Gemin. (7.9-14.5) br. on AC 23100

072708 S Canis Min. (7.7-12.7) " " AC 5542

084803 S Hydrae (7.5-13.0) " " AC 23100

085008 T Hydrae (7.4-13.1) " " AC 5542

New - Var. 45
approx. p.m.
may 9.5

7 22 +14 30 br. Bes-542 ft. AC 23100 DM +14°1680
1271 .23032 7 21 34.2 +14 29.1

? 0843+80 Asteroid br. AC 23100 n.s. on AC 5542

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1920phae.proj..698A

Monday Dec. 6, 1920

Map of the Sky 21 +60

AC 23092 Dec. 2, 1920 Compared with

AC 9864 Oct. 31, 1908

2 Lacertae Ir. on AC 9864

SW Cygni (Class I) " " "

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1920phae.proj..698A

Mr davies day Dec. 8, 1920

Map of the Sky 7+45

HC 23107 Dec. 6, 1920 compared with

HC 3202 Jan. 21, 1903

0C4030 χ Geminorum lr. on HC 23107

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1920phae.proj..698A

Thursday Dec. 9, 1920

Map of the Sky 6 +60

AC 23108 Dec. 6, 1920 compared with

AC 7350 Mar. 5, 1906

043065 T Camelop. 7.0-13.5 hr. on AC 7350

054974 U Camelop. 8.2-13.5 hr. on AC 7350

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1920phae.proj..698A

Thursday Dec. 9, 1920

Map of the Sky 20 0.0

AC 23109 Dec. 7, 1920 compared with

AC 2954 Oct. 31, 1902

The southern part of this plate (AC 23109) shows very few stars.

190108 R Aquilae Br. on AC 23109

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1920phae.proj..698A

Friday Dec. 10. 1920

Map of the Sky 1+45

AC 23112 Dec. 7, 1920 Compared with

AC 4259 Nov. 25, 1903

022150 RR Persei 8.0 - <14.2 br. on AC 4259

New. Var. 46

DM 4128+46° 23 34 ~~24.0~~ 24.0 +46° 47.6 8.5 br. on AC 4259

Evidently Lt. AC 23112 " 4210

short period " " 5624 " 4228

" " 4406 Identt. on I 1857

I 4536

1900 Pos. 23 36 35.1 +47 2.5

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1920phae.proj...698A

Friday Dec. 10, 1920

Map of the sky 23+45

AC 23114 Dec. 8, 1920 compared with

AC 6864 Oct. 21, 1905

AC 6864 does not show faint enough stars.

See p. 126

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1920phae.proj..698A

Monday Dec. 13, 1920

Map of the Sky 23+45

AC 23114 Dec. 8, 1920 compared with

AC 8700 Aug. 15, 1907

213742 S Cygni Dr. on AC 8700

222439 S Lacertae " " AC 23114

235939 S V Andromedae " " AC 23114

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1920phae.proj...698A

Tuesday Dec. 14 1920

Map of the Sky 6 0.0

HC 23125	Dec. 12, 1920	compared with
HM 1705	Nov. 24, 1902	
05 39 13	ST Tauri	8.5 - 9.4 hr. on HC 23125

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1920phae.proj..698A

Thursday Dec. 16, 1920

Map of the Sky 7+45

AC 23109 Dec. 14, 1920 compared with

AC 11457 Mar. 10, 1910

Does not show faint stars

Nothing found

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1920phae.proj...698A

Friday Dec. 17, 1920

Map of the Sky 2 +75

AC 23136 Dec. 15, 1920 compared with

AC 6623 Aug. 22, 1905

Nothing found

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1920phae.proj..698A

Tuesday Dec. 21, 1920

Map of the Sky 6+45

AC 23150 Dec. 18, 1920 ep. mth

AC 6768 Oct. 3, 1905

Nothing found.

Only had time to cover one quarter of the plate - upper right hand ".
For rest of plate see A.D.W. book 14

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1920phae.proj...698A

Tuesday Jan. 4, 1921

Map of the Sky 5 + 30

Scratched AC 23209 Jan. 2, 1921 compared with

AC 16211 . Mar. 8, 1915

Following half of plate compared with
AC 19397 Nov. 4, 1917.

Nothing found

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1920phae.proj..698A

Tuesday Jan. 4, 1927

Map of the Sky 8 0.0

AC 23203 Dec. 31, 1920 compared with

AC 14718 Dec. 28, 1913

072708 S Canis Min.

072404 RX Monocerotis

Massalia Asteroid approx pos. 8 52 +16

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1920phae.proj...698A

Wednesday Jan. 5, 1921

Map of the Sky 3 + 30

AC 23 214 Jan. 3, 1921 compared with

AC 19383 Nov. 3, 1917

022132 S Trianguli

021024 R Arietis

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1920phae.proj..698A

Wednesday Jan. 5, 1921

Map of the Sky 130+60

AC 23213 Jan. 3, 1921 compared with

AC 17048 Nov. 30, 1915

235356 R Cassiopeiae (4.8–13.2)

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1920phae.proj...698A

Friday Jan. 7, 1921

Map of the Sky 8 +15

AC 23218 Jan. 3, 1921 compared with

AC 17395 Mar. 11, 1916

074922 U Geminorum

~~Planet~~ ~~Asteroid~~ approx pos. 8 58 +17 Neptune

Massalia " same as one found on AC 23203 see p. 132

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1920phae.proj..698A

Monday Jan. 10, 1921

Map of the sky 2 + 45

AC 23230 Jan. 4, 1921 compared with

AC 18099 Nov. 24, 1916

0153 54 W Persei 7.0 - 10.9

? Object at approx pos. 1 33 + 44 faint on AC 23230. Is it due to defect in film. Star appears brighter on several other plates examined.

? Star at approx pos. 0 56 +57 is not seen on AC 23230. Probably due to defect in film or spot of dust for a difference is seen between the film in this spot + that on the rest of the plate.

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1920phae.proj....698A

Tuesday Jan. 11, 1921

Map of the Sky 0 +45

AC 23243 Jan. 8, 1921

AC 19429 Nov. 9, 1917

Star image at approx. pos. 224934 faint on AC 19429 - may be due to defect in film. AC 19391 taken Nov. 4, 1917 shows star of normal brightness. Can find no plate covering this region taken the same night.

Jan. 47

New Variable DM +34°4794 Mag. 8.3

Ht. on	Br. on	
AC 19429	AC 23243	1855 pos.
19391	" 18172	22 49 13.3 +34 25.3
	" 17188	Identical 1969

1900 pos. 22 51 19.0 +34 39.6

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1920phae.proj..698A

Tuesday Jan. 11, 1921

Map of the Sky 6 + 45

AC 23252 Jan. 9, 1921

AC 16933 Nov. 5, 1915

Ceres. Asteroid at pos. 6 + 30 approx.

X Geminorum

Var. 48

New Var. ft. Br I am not sure whether

Confirm by ADW. AC 16930 AC 23252 this star is the Dm star

+38°1168 16933 17064 mentioned. The plate does

5 19 01 +38 55.3 " 16950 I 29898 not superpose on the chart

1900 Pos. 5 22 6.8 +38 58.0 I 25977 exactly - but it probably is the Dm star

? Var. AC 23252 16933 Is this a defect of the film in AC 23252 or a real variable?

This is a defect. In AI plate 2247 taken the same night at the same time shows the star of normal brightness.

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1920phae.proj..698A

Thursday Jan. 13, 1921

Map of the Sky +3 +30

AC 23260 Jan. 11, 1921 Compared with

AC 17860 Sept. 10, 1916

Nothing found

Plate AC 23260 shows very few stars.

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1920phae.proj..698A

Thursday Jan. 13, 1921

Map of the Sky 5 0.0

AC 23232 Jan. 6, 1921

AC 16977 ~~7~~ 49 Nov. ~~16~~ 7, 1915

043208 R X Tauri 10.2 – 13.2

052704 R Y Orionis 9.0 – 11.4

052404 S Orionis 7.9 – 13.5

Asteroid inapprox. pos. 4 53 +15

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1920phae.proj..698A

Friday Jan. 14, 1921

Map of the Sky 6+15

AC 23262 Jan. 12, 1921

AC 17269 Jan. 29, 1916

Ceres approx. pos 6 + 25 on AC 23262

Saturn " " 6 50 + 22 on AC 17269

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1920phae.proj..698A

Wednesday Jan. 19, 1921

Maps of the Sky 7 0.0

AC 23283 Jan. 17, 1921

AC 19418 Nov. 7, 1917

072708 S Canis Min. br. AC 19418

070310 R Canis Min br. AC 23283

061702 U Monocerotis br. AC 19418

New Var. 49

Var. Br. AC 19418 Ft. AC 23283 approx. pos. 7 46 – 2

BD – 2° 2331 AC 19461 " " 23263

7h 46m.2.3 – 2° 40'.0 B 26648

mag. 8.8

1900 Pos. 7 48 18.5 – 2 46.7

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1920phae.proj...698A

Friday Jan. 21, 1921

Map of the sky 430+60

AC 23280 Jan. 17, 1921 gp. with

AC 17195 Jan. 7, 1916

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1920phae.proj..698A

Friday Jan. 21. 1921

Map of the Sky 20 +75

AC 23292 Jan. 18, 1921 cp. with

AC 16966 Nov. 10, 1915

AC 23292 does not show many stars.

Nothing found

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1920phae.proj..698A

Monday Jan. 24, 1921

Map of the Sky 9 0.0

AC 23296 Jan. 18, 1921

AC 17204 Jan. 8, 1916

Neptune on this plate AC 23296

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1920phae.proj..698A

Tuesday Jan. 25, 1921

Map of the Sky 4 +45

AC 23306 Jan. 19, 1921

AC 16914 Nov. 1, 1915

Nothing found.

Not many stars shown on AC 23306

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1920phae.proj...698A

Tuesday Jan. 25, 1921

Map of the Sky 4+75

AC 23308	Jan. 21, 1921	Does not show many stars.
AC 14173	July 13, 1913	

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1920phae.proj...698A

Thursday ~~Wednesday~~ Jan. 27, 1921

Map of the Sky 130+60

AC 23335 Jan. 25, 1921

AC 17266 Jan. 29, 1916

Nothing found

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1920phae.proj..698A

Friday Jan. 28, 1921

Map of the Sky 70.0

AC 23348 Jan. 26, 1921

AC 16989 Nov. 13, 1915

Nothing found

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1920phae.proj...698A

Friday Jan. 28, 1921

Map of the Sky $\overset{\circ}{*}$ +75

AC 23347 Jan. 26, 1921

AC 19449 Nov. 12, 1917

223656 Z. Lacertae

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1920phae.proj...698A

Monday Jan. 31, 1921

Maps of the Sky 2 + 45

AC 23368 Jan. 28, 1921

AC 17927 Sept. 23, 1916

Nothing found

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1920phae.proj...698A

Wednesday Feb. 2, 1921.

Map of the Sky 23+45

AC 23322 Jan. 24, 1921

AC 17559 May 2, 1916

Nothing found

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1920phae.proj..698A

Wednesday Feb. 2, 1921

Map of the Sky 50.0

AC 23358 Jan. 27, 1921

AC 18107 Nov. 3, 1916

— Orionis 05 31 06 DM 971 br. on AC 23358

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1920phae.proj...698A

Thursday Feb. 3, 1921

Map of the Sky 4 +30

AC 23384 Feb. 1, 1921

AC 2900 Oct. 14, 1902

Object resembling star image formed br. on AC 2900. Can find no plate very near date, but AC 3119 taken Dec. 30 shows nothing, + AC taken Sept. 11, shows nothing in this position (3 36 + 18 5 0. approx). An I plate 29836 taken Jan. 17, 1903 shows no trace of an image. Probably a defect. Might be an asteroid

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1920phae.proj..698A

Monday Feb. 7, 1921

Map of the Sky 6 0.0

AC 23401 Feb. 4, 1921

AC 7238 Jan. 30, 1906

Var. 91 in Neb. Orion br. on AC 23401

061702 V Monocerotis br. on AC 7238.

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1920phae.proj...698A

Wednesday Feb. 9, 1921

Map of the Sky 18 + 30

AC 23409	Feb. 6, 1921	Does not show many stars.
AC 11904	Sept. 9, 1910	

AC 11904 superposed on AC 23409 because the latter was so dark it was difficult to find a plate which would show faint stars through it. AC 11904 was a very light plate.

Nothing found

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1920phae.proj..698A

Thursday Feb. 10, 1921

Map of the Sky 20 +30

AC 23421	Feb. 8, 1921	
AC 11946	Sept. 22, 1910	
+33°3718	1959 +3342	Disc. by J. C. M.

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1920phae.proj...698A

Monday Feb. 21, 1921

Map of the Sky 1+45

AC 23463 Feb. 18, 1921

AC 10171 Jan. 25, 1909

Nothing Found

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1920phae.proj..698A

Thurs. Feb. 24, 1921

Map of the Sky 6 +60

AC 23 v 49. Feb. 16, 1921

AC 8089 Dec. 6, 1906

Nothing found

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1920phae.proj...698A

Friday March 4, 1921

Map of the Sky 7+30

AC 23490 Mar. 1, 1921

AC 18122 Nov. 6, 1916

Nothing found

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1920phae.proj..698A

Friday March 4, 1921

Map of the Sky 8 +15

AC 23491 Mar. 1, 1921

AC 18181 Nov. 16, 1916

Massalia on AC 23491

Neptune " "

Saturn on AC 18181 (8 11 +20 7)

Neptune ~~Asteroid~~ ? " " (8 25 +18 approx).

S Canis Minoris h on AC 18181

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1920phae.proj..698A

Monday March 7, 1921

Map of the Sky 8 130

AC 23502 March 4, 1921

AC 19435 Nov. 10, 1917

023947 Rγ Persei 8.2 - 10.6 V Br. 19432

New Var. 50 +38° 811 3 39. 59.5 +38° 30.9 (1855) 8.8 Br. 23502 y m d 21-3-4

" 19485 17-11-18

Ident. I 26581 See M.D.A. 6:107 Sit 19444 17-11-11

" 19435 17-11-10

1900 Pos. 3 42 56.9 +38° 39.5 Br. 19383 17-11-3

January 28, 1924

Examined fifty AC plates whose centers are at 3h +30°, from Jan. 24, 1916 - Nov. 25, 1921, Variable is faint on

AC 21601 July 11, 1919

AC 18952 July 15, 1917 } doubtful poor image

AC 22039 Nov. 30, 1919

AC 22213 Jan. 5, 1920

Orville D. Walker

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1920phae.proj...698A

Wednesday March 4, 1931

Map of the Sky 20 +75

AC 23495 Mar. 1, 1921

AC 16796 Sept. 30, 1915

Nothing found

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1920phae.proj..698A

Monday March 14, 1921

Map of the Sky 8 +15

AC 23519 Mar. 11, 1921

AC 18239 Nov. 26, 1916

08 10.4 +20 10.8 Saturn br. on AC 18239

08 16 17 S Cancri 7.5–12.8 br. on "

08 28.3 +18 50.6 Neptune " " "

08 49 17 X Cancri 6.1–? br. on AC 23519

08 51 +17 Neptune " " "

08 11 12 R Cancri 6.0–11.3 " " "

07 27 08 S Canis Min. 7.7–12.7 " "AC 18239

Massalia br. on AC 23519

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1920phae.proj...698A

Monday March 14, 1921

Map of the sky 5 +30

AC 23510 Mar. 10, 1921

AC 18692 Mar. 22, 1917

060222 SS Gemini.

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1920phae.proj..698A

Tuesday March 15, 1921

Map of the Sky 17 0.0

AC 23523 Mar. 11, 1921

AC 18819 May 3, 1917

Nothing found

Fine stars

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1920phae.proj...698A

Tuesday March 15, 1921

Map of the Sky 4 30 +60

AC 23509 Mar. 10, 1921

AC 18662 Mar. 15, 1917

Wolfing Comet.

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1920phae.proj..698A

Friday March 18, 1921

Map of the Sky 4 + 75

AC 23526 Mar. 16, 1921

AC 16598 July 17, 1915

044068 ST Camelop. 7.0 - 8.3

suspected variable approx pos.

2120 + 8808

	Br.	Ft.
	AC 23526	16598
	" 16670	16730

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1920phae.proj..698A

Monday March 21, 1921

Map of the Sky 6 +15

AC 23534 Mar. 18, 1921

AC 18111 Nov. 5, 1916

2 asteroids approx. pos. 5 16 + 22

0 53106 - Orionis br. AC 23534 9.5–10.3

06 16 06 - Monocerotis br. AC 18111
(certainly has a range greater than
a mag. as is indicated in catalogue)

+11°819 5 21 1.7 +11 4 4.5 br. on AC 18111
L N. S. on AC 23534
Looked over about 30 plates & found star 7
Normal brightness on all. May be deficient
in film on AC 23534

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1920phae.proj..698A

Monday March 28, 1921

Map of the Sky 6+45

AC ~~19682~~ 23565 Mar. 25, 1921

AC 19682 Jan. 15, 1918

Nothing found

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1920phae.proj...698A

Thursday March 31, 1921

Map of the Sky 19+30

AC 23577 Mar. 29, 21

(AC 17470 Mar. 31, 1916 doesn't show faint enough stars)

AC 16936 Nov. 6, 1915 exam. previously by A. D. N.

Var. ?

+20° 3950 18 44 $\frac{3}{4}$ 46.6 +20 33.5 9.0 Identified I 35030

Algol br. on AC 16936 ft. AC 14214 July 26, 13

" " " 14270 July 27, 13 14215 " " "

" " " 5705 " 28, 02 2710 " 30, 02

Caste 19+24.5 AM 10743 9.5 2706 " 29, "

Hercules AC 23577 11.0 2708 " 30, "

Def.? 18 18 +16 40 br on AC 23577 n.s. on AC 16936 or any of 30 plates examined during different years. Another plate called for.

Mystery- 18 19 +18 10 object n. s. on AC 16936. Can find no other plate where it is n. s. May be due to defective film on AC 16936.

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1920phae.proj...698A

Friday April 1, 1921

Map of the Sky 4 +75

AC 23571 Mar. 29, 1921

AC 13710 Feb. 1, 1913

Nothing found

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1920phae.proj...698A

Monday April 4, 1921

Map of the Sky 5+15

AC 23585 Apr. 1, 1921

AC 11975 Sept. 29, 1910

Nothing found

AC 23585 shows few faint stars.

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1920phae.proj...698A

Wednesday April 6, 1921

Map of the Sky 19+15

AC 23604 Apr. 4, 21

AL 6483 July 3, 05

190301 TT Aquilae 7.6 - 9.0 Ir. on AC 6483

W.P.F. 75
Bk ~~20~~ 20 Mrs. Fleming's suspected var. +9° ~~3908~~ 3809 Md?
Bk 2:155 18 33.1 + 9 51 8.0

Br. AC 6483 ft. AC 23604
" 6087 23591

See note on plate I. 36099. Mc 5d. Also I 11226 Look up by Miss Mello + shows variation of about 0.6 mag. This was looked up on about 8 plates which showed no variations. The AC plates do not show a large range but certainly a marked variation - Miss Wells agrees - so does Miss Walker.

Classified as Mb in N.D.

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1920phae.proj...698A

Tuesday April 12, 1921

Map of the Sky 7+15

AC 23612 Apr. 9, 1921

AC 10942 Oct. 18, 1909

073723 S Gemin. 8.2-14.5 hr. on AC 23612

Asteroid or Neptune? 7 20 + 21 30 hr. on AC 10942

Ceres = Mysterious object at 6 22 + #29 40 hr. on AC 23612

Found same obj. about 7' following on AC 23620
taken April 12. Can't find it on AC 2594 (Apr. 2)

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1920phae.proj...698A

Thursday April 14, 1921

Map of the Sky 1800

AC 23627 Apr. 12, 1921

AM 3882 Sept. 16, 1905

184300 Nova Aquilae No. 3 h on AC 23627

181103 RY Ophiuchi h, on AC 23627

171401 Z Ophiuchi h. on AM 3882

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1920phae.proj...698A

Friday April 15, 1921

Mag of the Sky 8 0.0

AC 23628. Apr. 13, 1921

AC 4835 Apr. 14, 1904

08 11 12 R Cancri br. on AC 23628

07 48 02 ft. on AC 23628
found previously see p. 142 of this book.

08 41 +2 8 Var? br. AC 4835 ft. AC 23628
" " 15724 " AC 21072

07 20 05 br. on AC 23628 (8.4<13.2)
discovered by Miss Woods - not yet published

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1920phae.proj...698A

Tuesday April 26, 1921

Map of the Sky 21 +15

AC 23646 Apr. 24, 1921

AC 5230 Sept. 6, 1904

20 59 23 R Vulpeculae br. on AC 5230

10.1 < 14.0 21 04 15 T Z Pegasi " " " 5230

~~Aug 7~~ 19 45 +27 8 Apr. 24, 21 By AC 23646 Ft. AC 5230
Short Period Apr. 20, 21 23641 " 5235

DM +27° 3536 in new circular Apr. 4, 21 " AC 23604
previously disc. by Miss Mackie — also by Pugrep

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1920phae.proj...698A

Wednesday April 27 1921

Map of the Sky 22+30

AC 23654 Apr. 25, 1921

AC 9034 Nov. 30, 1907

Nothing found

AC 23654 poor plate showing few stars.

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1920phae.proj..698A

Thursday April 28, 1921

Map of the Sky 17+15

AC 23658 Apr. 26, 1921

AC 10385 Mar. 31, 1909

171723 RS Hercules

165722 SY Hercules

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1920phae.proj..698A

Friday April 29, 1921

Map of the Sky 6 +60

AC 23656 Apr. 26, 1921

AC 14349 Sept. 9, 1913

Defective star image approx pos. 5'56 +57
shows star faint on AC 14349.

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1920phae.proj..698A

Tuesday May 3, 1921

Map of the Sky 5° + 45°

AC 23660 April 28, 1921

AC 5325 Oct. 3, 1904

Nothing found

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1920phae.proj...698A

Tuesday May 3, 1921

Map of the Sky 22 30 +60

AC 23664 May 1, 1921

AC 18477 Jan. 26, 1917

Reid's Comet 21^h +65° approx. on AC 23664

R Z Cephei

21 37 +42 50

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1920phae.proj..698A

Thursday May 5, 1921

Map of the Sky 19+30

AC 23665 May 3, 1921

AC 17470 Mar. 31, 1916

194632 K Cygni 4.2 - 13.2 br. on AC ~~13~~ 17470

200033 - Cygni 8.9 - 10.7 (disc. by Mts) br. on AC 17470

~~1958~~

Suspected 1747+30 br. AC 17470 ft. AC 23665
" 17801

Change may be due to color.

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1920phae.proj...698A

Wednesday May 11, 1921

Map of the Sky 21+30

AC23674 May 9, 1921

AC16660 July 5, 1915

Nothing found

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1920phae.proj..698A

Wednesday May 11, 1921

May of the Sky 19 30 +60

AC 23673 May 9, 1921

AC 17046 Nov. 30, 1915

Nova Cygni No. 3

X Draconis 180666 9.2-14.0

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1920phae.proj..698A

Thursday May 12, 1921

Map of the Sky 18+45

AC 23676 May 10, 1921

AC 16464 May 14, 1915

~~X~~ Z Cygni 193056 8.7-9.3

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1920phae.proj...698A

Wednesday May 18, 1921

Map of the Sky 17 0.0

AC 23689 May 16, 1921

AC 16314 Mar. 23, 1915

16 32 +14 25 appear Dm pos. Not Dm starck. by ADW.

17 12 +14 0 17 14 01 2 Ophiuchi

16 32 +14 25 New.

Mar. 9, 15	fk	AC 16227	Mar 24, 15	hr.	AC 16320
" 12, "	"	" 16252	Apr. 16	" "	" 16406
Jan 28, 16	~~fk~~	" 17263	" 17,	" "	AM 10426
Aug. 17, 15	fk.	" 1663	" 21,	" "	AC 16423
Sept. 2, "	"	" 16694	May 6,	" "	" 16434

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1920phae.proj..698A

Saturday May 28, 1921

Map of the Sky 19 + 30

AC 23726 May 26, 21

" 19113 Sept. 11, 1917

Obj. on AC 23926 pos. 18 56 +38 & but not on AC 19113. It is on BC 14497. Probably due to defect in film on BC 19113. There is no known var. in this pos.

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1920phae.proj..698A

Friday June 3, 1921

Maps of the Sky 18+30

AC 23746	June 1, 1921
AC 14082	June 11, 1913
1 Y Lyrae	18 37 28
R S Hercules	17 17 23

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1920phae.proj..698A

Friday June 3, 1921

Map of the Sky 22 +45

AC 23733 May 27, 1921

AC 19653 Jan. 10, 1918

Nothing found

Something photographic on edge of plate, south fell. but not a star image.

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1920phae.proj..698A

Monday June 6, 1921

Map of the Sky 20 + 15

AC 23732 May 27, 1921

AC 16456 May 11, 1915

Nothing found

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1920phae.proj..698A

Monday June 6, 1921

Map of the Sky .21 +60

AC 23747 June 1, 1921

AC 13400 Oct. 29, 1912

Nothing found

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