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KG
11365
887

HENRY DRAPER MEMORIAL.

Description of Spectra measured for Southern Draper Catalogue

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Cluster of Bright Stars South of η Carinae

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Cluster of Bright Stars ~~North~~ South of η Carinæ.

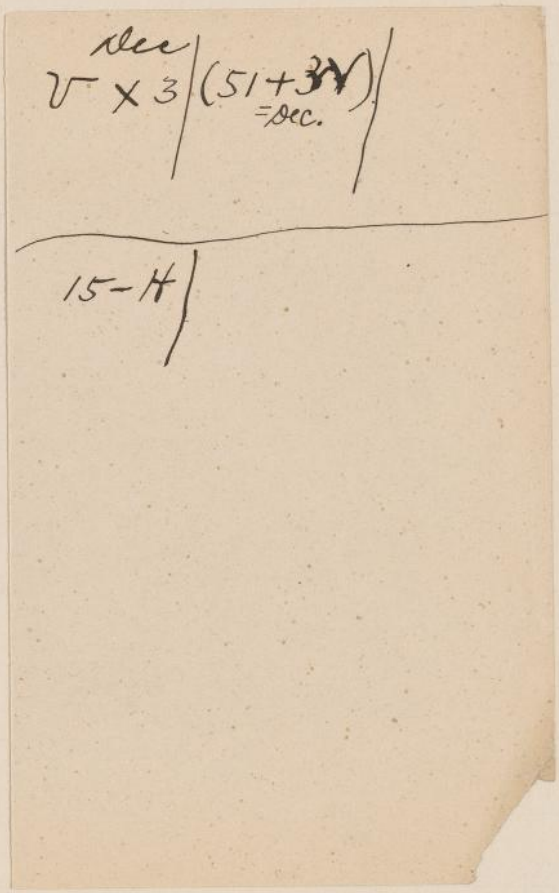
No.	No.	No.	No.
990	1061	1098	1143
996	1062	1099	1144
998	1063	1100	1145
1027	1064	1101	1160
1028	1065	1102	1161
1029	1066	1103	
1030	1067	1104	
1031	1068	1105	
1032	1069	1106	
1033	1070	1107	
1034	1071	1108	
1035	1072	1109	
1036	1073	1110	
1037	1074	1111	
1038	1075	1112	
1039	1076	1138	
1040	1077	1139	
1058	1078	1140	
1059	1079	1141	
1060	1080	1142	

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298.10	32.0	57 41	− 4
299.10	32.3	57 42	− 4
300.10	32.6	57 43	− 4
301.10	38.0	57 44	− 1
301.10	33.4	57 50	− 1

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Book 69

	1900				1875			
334	10	56.6	−57 46	—	10	55.6	−57 38	—
336	10	58.1	−57 45	—	10	57.1	−57 37	—
340	11	1.9	−57 48	—	11	0.8	−57 40	—
403	10	56.9	−57 22	—	10	55.9	−57 14	—
404	10	57.3	−57 19	—	10	56.3	−57 11	—
405	10	57.4	−57 57	—	10	56.4	−57 49	—
406	10	58.2	−57 54	—	10	57.2	−57 46	—
407	10	58.5	−57 57	—	10	57.5	−57 49	—
408	10	58.7	−57 15	✓	10	57.7	−57 7	2C. 4161
410	10	58.8	−57 18	✓	10	57.8	−57 10	2C. 4204
411	10	59.1	−57 17	✓	10	58.1	−57 9	2C. 4224
412	10	59.8	−57 7	—	10	58.8	−57 59	—
419	11	2.1	−57 9	✓	11	2.0	−57 54	—
421	11	3.1	−57 21	—				
422	11	3.5	−57 58	—	11	2.4	−57 50	—
423	10	57.8	−57 39	—	10	56.8	−57 31	2C 39
428	11	1.0	−57 46	—	11	0.0	−57 38	2C. 39
429	11	0.6	−57 49	—	10	59.6	−57 41	—
500	11	1.6	−57 36	—	11	0.6	−57 28	—
502	11	2.4	−57 42	—	11	1.4	−57 34	—

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N Canis Draper Book 70.?

1034	-0.7	+1
1036	-0.4	+4
1038	-0.5	+2
1039	-0.8	-1
1056	-.6	+3
1058	-.9	+3
1060	-.9	+1
$\frac{43}{7}$	-.5	+2

996 U 19.7 6 end 25
1080 4 17.5 6 12.6
1058 4

338	+5	0
341	-5	0
343	-6	+10
404	-9	-3
418	-6	-2
420	-2	-2
494	-7	-10
497	-3	-9
501	-9	-4
	-0.6	-

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List of Stars in A.G.C.

not identified, on Plate 9 of 31?

Between $10^h\ 0^m$ + $11^h\ 20^m$ in R.A. and 55° + 65° 20' in Dec.

13802	14243	14579	14690	14766	15094	15274	15337
13844	14273	14578	14691	14879	15098	15275	15340
13851	14294	14590	14693	14880	15116	15295	15344
13860	14299	14599	14695	14886	15118	15304	15356
13861	14330	14603	14696	14894	15124	15306	15357
13863	14331	14612	14698	14900	15130	15312	15363
13883	14395	14627	14703	14907	15135	15314	15373
13888	14434	14631	14705	14908	15146	15323	15514
13891	14446	14637	14707	14913	15150	15327	15575
13915	14447	14648	14708	14923	15177	15328	15578-65° 18.8-
13931	14460	14651	14710	14970	15215	15329	
13990	14468	14655	14711	14973	15220	15336	
14021	14474	14662	14712	14978	15225	15345	
14030	14482	14665	14716	15003	15231	15348	
14037	14484	14671	14719	15021	15238	15352	
14044	14487	14672	14720	15034	15245	15373	
14090	14491	14677	14727	15038	15246	15408	
14112	14525	14681	14723	15041	15249	15499	
14141	14526	14706	14728	15062	15252	15512	
14182	14541	14687	14758	15079	15267	15522	
14198	14554	14689	14763	15087	15272	15530	

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List of Stars in Z 6 not identified on Plate 431
Between 10h 47m 0 & 11h 20m in RA and 55° 0 & 65° 20 in Dec.

3
8
9
16
19
24
28
39
46
56
63
70
73
91
92
95
97
98
102
153
165
166

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1994phaa.proj..88F

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June 20, 1894

Plate 9431 (Continued from B66.

v	H	bl.	No. Rem.	Descr.
15.8	19.3	B	4438	76½ G=.3; h6 H=.3
15.3	20.0	7	4439	410.2; 434.2
15.5	20.2	B	4440	76½ G=.1; h6 H=.2
15.1	21.0	B	4441	76½ G=.2; h 6 H=.2
15.1	22.4	7	4442	# 410.2; 434.2
16.0	23.5	7	4443	410.5-; 434.5-
16.3	7.4	7	4444	410.1; 434.1 dbl?
16.9	7.5	B	4445	76½ G=.1; h6 H=.1
17.0	7.9	B	4446	76½ G=.2; h6 H=.2
16.9	9.5	A97	4447	410.7; 434.7
16.6	10.4	7	4448	410.3; 434.3
16.8	11.5-	7	4449	410.5-; 434.5-
16.4	12.3	A?	4450	Looks wp on 10m ex. pl.
16.4	14.4	7	4451	410.3; 434.3
~~16.8~~	~~+18166~~	7	4452	410.4; 434.4
16.6	18.2	B	4453	76½ G=.1; h6 H=.3
16.4	19.4	A	4454	Hydrogen lines narrow
16.2	20.8	B	4455	76½ G=.3; h6 H=.3
16.6	21.1	B	4456	76½ G=.2; h6 H=.2

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1894phae.proj..888F

June 21, 1894

Plate 9431 (cont.)

V	H	Cl.	No. Rem.	Descr.
17.5	10.5	A67	4457	410.6; 434.6
17.4	11.2	7	4458	410.7; 430.2; 434.2.
17.6	11.8	7	4459	410.4; 434.4
17.3	12.6	7	4460	410.4; 434.4
17.8	14.1	A	4461	Two stars of Cl. A superposed
17.1	15.7	B	4462	76½ G=.2; h 6 H=.2
17.5	16.1	A:7	4463	416.5; 434.5
17.2	20.2	7	4464	410.5; 434.5
17.3	20.9	BA	4465	76½ G=.2. G 8½ h=.3, H 6α=.2
18.6	5.9	7	4466	410.4; 434.4
18.7	6.6	7	4467	410.3; 434.3.
18.3	8.8	A:7	4468	410.5; 434.5
19.0	9.7	7	4469	410.6; 434.6
19.0	10.0	7	4470	410.2; 434.2
18.8	12.0	A77	4471	410.7; 434.7
18.4	13.0	7	4472	410.5; 434.5
18.7	15.4	7	4473	410.3; 434.3

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June 27, 1894.

Plate 9431

r	H	Cl.	No. Rem.	Descr.
18.4	16.6	B	4473	76½ G =.1; ν 6 H =.2
18.9	16.9	B	4474	76½ G =.1; ν6H=.2; H6α=.3
18.3	19.5	7	4475	410.4; 434.4
18.7	24.1	7	4476	410.5; 434.5
19.2	6.8	Q	4477	Cont. spect.
19.6	10.0	A37	4478	410.1; 434.1
19.6	11.7	B	4479	76½ G=.1; ν6H=.2; β4f=.4
19.9	12.4	7	4480	410.2; 434.2
19.1	14.9	7	4481	410.3; 434.3
19.9	17.6	7	4482	410.4; 434.4
19.2	20.3	7	4483	410.5; 434.5
20.8	6.2	7	4484	410.4; 434.0
20.5	12.2	7	4485	410.3; 434.3
20.3	12.5	7	4486	410.5; 434.5
21.0	15.2	B	4487	76½ G=.1; ν6H=.1
20.3	19.4	7	4488	410.3; 434.3
21.1	12.6	B	4489	76½ G=.4. Hydrogen lines narrow
21.4	14.2	B	4490	76½ G=.1; ν6H=.1

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June 28, 1894.

Plate 9431

	V	H	Bl.	No. Rem.	Descr.
	21.8	15.0	B	4491	76½ G=.2; h6H=.2; Lots upon 10m cyl.
	21.7	15.3	B	4492	76½ G=.2; h6H=.3; h7H=.1
	21.6	15.6	7	4493	410.1 · 434.1
	21.9	15.9	B	4494	76½ G=.2; h6H=.3
	21.2	17.5	7	4495	410.2; 434.2
	21.8	19.1	7	4496	410.5; 434.5
1082	21.1	20.9	7	4497	410.5; 434.5
1087	21.8	24.4	7	4498	410.2; 430.2; 434.2
1119	22.8	22.9	7	4499	410.3; 434.3
1125	24.0	8.7	B	4500	76½ G=.2; h6H=.2
1132	23.9	11.1	7	4501	410.3; 434.3
1146	23.9	17.9	7	4502	410.3; 434.3
1148	23.8	22.7	7	4503	410.3; 434.3
1164	24.2	19.6	7	4504	410.2; 434.2
1167	24.3	20.9	7	4505	410.4; 434.4

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July 9, 1894.

Plate 77 = 48

V	H	Obl.	No Rem	Descr.
7.2	12.8	F	4506	410.2; 434.2
7.5	19.5	A	4507	Hydrogen line narrow
7.5	23.4	F	4508	410.2. 434.2
9.4	7.7	F	4509	410.2; 434.2
9.6	10.4	F	4510	410.4; 434.4
8.4	11.8	F	4511	410.4; 434.4
9.3	13.6	B	4512	76½ G=.2; h6H=.2
9.1	17.0	F	4513	410.6; 434.6
9.0	17.4	F	4514	410.5-; 434.5-
9.4	21.8	F	4515	410.4; 434.4
9.5	9.3	F	4516	410.4; 434.4
9.6	13.4	F	4517	410.5-; 434.5-
9.4	14.1	F	4518	410.3; 434.3

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July 10, 1894.

Plate 7748

V.	H	bl.	No. Rem.	Descr.
~~10.3~~	19.3	A	4519	Spectrum of a fainter star superposed
9.7	20.6	7	4520	410.2; 434.2
10.6	21.5	7	4521,	410.4; 434.4
10.5	23.4	7	4522	410.4; 434.4
11.2	8.2	7	4523	410.2; 434.2
11.3	13.2	B	4524	76½ G=.2; H6 H=.2
10.8	14.2	7	4525	410.2; 434.2
10.5	14.4	B	4526	76½ G=.2; H6 H=.2
11.2	17.1	A	4527	Hydrogen lines narrow.
10.7	20.7	7	4528	410.2; 434.2
11.9	7.2	7	4529	410.2; 434.2
12.0	7.8	7	4530	410.2; 434.2
12.1	8.3	7	4531	410.3; 434.3
12.2	10.3	7	4532	410.3; 434.3; ultra violet hydrogen lines strong.
12.1	11.2	7	4533	410.4; 434.4
12.2	12.4	7	4534	410.2; 434.2; 434.2
11.9	13.3	7	4535	410.5; 434.5; ultra violet lines strong
11.9	18.1	7	4536	Hydrogen lines narrow
11.8	18.7	7	4537	410.3; 434.3
12.5	20.2	7	4538	410.2; 434.2
11.9	21.5	7	4539	410.6; 434.6
13.4	6.2	A	4540	Hydrogen lines narrow
12.6	8.6	7:	4541	410.5; 434.5
13.0	10.8	7	4542	410.2; 434.2
13.3	11.6	7	4543	410.4; 434.4
13.2	12.0	A	4544	Hydrogen lines narrow
13.2	12.3	7	4545	410.2; 434.2
12.7	14.0	7	4546	410.2; 434.2

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July 30, 1894.

Plate 7748

V	H	Obl.	No. Rem.	Descr.
14.1	9.9	F	4547	410.3; 434.3
14.4	10.6	F	4548	410.5; 434.5
14.0	11.7	B	4548	~~F6 G~~ h 6H=.2
14.2	11.9	A	4549	Hydrogen lines narrow
14.1	12.3	F	4550	410.1; 434.1
14.0	13.1	F	4551	410.1; 434.1
14.3	13.1	F	4552	410.1; 434.1
14.1	14.4	F	4553	410.6; 434.6
13.6	16.9	A	4554	Hydrogen lines narrow
14.3	17.0	A	4555	Hydrogen lines narrow
14.6	9.1	F	4556	410.3; 434.3
15.3	14.1	A	4557	Hydrogen lines narrow
15.2	14.5	Cont.	4558	H only line visible distinctly
15.5	15.0	A	4559	Hydrogen lines narrow
15.2	17.0	F	4560	410.4; 434.4

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July 19, 1895.

Plate B2348

V	H	C.	No Rem	Descr.
√,√	18.8	F	4561	410.3, 434.3
√,√	23.2	F	4562	410.2, 434.2

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1894phae.proj..888F

July 19, 1895.

Plate 2348

V	H	bl.	No Rem	Descr.
5.5	18.2	7	4561	410.3; 434.3
5.5	23.2	7	4562	410.2; 434.2
6.4	8.6	7	4563	410.3; 434.3
6.4	11.5	7	4564	410.4; 434.4
7.9	14.0	B	4565	76½ g=.2 · h6H=.2
8.6	17.6	7 7g	4566	~~434.2~~ 410.2; 434.4; 434.2
9.5	7.6	7	4567	410.4; 434.4
9.5	12.4	7	4568	410.1; 434.1
11.7	14.9	7	4569	410.5; 434.5
11.6	22.1	7	4570	410.3; 434.3
11.2	23.5	7	4571	410.2; 434.2
12.6	7.2	7	4572	410.2; 434.2
12.6	15.6	7	4573	410.1; 434.1
13.6	9.8	7 7g	4574	410.2; 430.5; 434.2
13.4	17.8	7	4575	410.1; 434.1
13.7	18.0	7	4576	410.2; 434.2
13.8	21.0	7	4577	410.2; 434.2
14.5	9.0	7	4578	410.1; 434.1
15.5	10.8	7	4579	410.2; 434.2
15.8	11.5	7	4580	410.1; 434.2
15.4	11.6	7	4581	410.1; 434.1
15.5	23.9	7	4582	410.2; 430.2; 434.2
17.0	17.0	7	4583	410.4; 434.4
17.4	15.8	7	4584	410.2; 434.2
18.6	9.7	7	4585	410.2; 434.3
20.5	13.9	7	4586	410.3; 434.3
20.9	14.8	7	4587	410.2; 434.2
20.9	23.6	7	4588	410.2; 434.2

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1894phae.proj..888F

July 19, 1895

Plate B 2348

V	H	bl.	No Ren.	Resch.
21,5	87	7	4589	4102; 4340

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ε x ζ ζζ June 15, 1903.

Plate B 22566

V	H	Sl.	No Rem.	Descr.
V.0	6.4	7	4590	410,2; 434,2
V.8	10,2	7	4591	410,2; 434,2
V.8	12,0	7	4592	410,2; 434,2
V.4	18,4	7	4593	410,3; 434,3. hydrogen lines of
7.7	9.5	7.	4594	shorter wavelength =.8
				410.2; 434.2
7.9	12.8	7	4595	410,2; 434,2
7.0	17.0	7	4595a	410.V; 434.V
7.0	18,2	7	4596	410.V; 434.V.
8,0	18.9	7	4597	410,4; 434,4
7.6	21,9	7	4598	410.2; 434,2
7.3	22,V	7	4599	410,4; 434,4
8,7	15.V	7	4600	410,4; 434,4
8,7	13,6	7 2 9	4601	410,4; 430,4; 434,4.
8,8	15,4	7 2 9	4602	410,4; 430,4; 434,4
8,2	16,4	7 2 9	4603	410,3; 430,3; 434,4.
8,V	18,0	7	4604	410,4; 434,4
8,0	18,9	7	4605	410,4; 434,4
9,V	6,8	7	4606.	410.V; 434.V
9,V	12,9	7	4607	410,4; 434,4
9,4	13,4	7	4608	410,V; 434,V.
June 18				
9,2	15,9	7	4609	410,V; 434,V.
10,4	10,2	7 5 4	4610	410,6; 434,6
10,4	13,V	4 3 7	4611	410,8; 434,8
11,2	6,7	7	4612	410,2; 434,2
11,8	11,3	7	4613	410,2; 434,2
11,8	11,8	7	4614	410,2; 434,2
11,V	13,2	7	4615	410,4; 434,4
11,9	15,2	7	4616	410,4; 434,4
12,0	15,8	7	4617	410,V; 434,V

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June 18, 1903

Plate 22566

α	H	bl.	Rem.	Descrip.
11,7	18,0	7	4618	410.4 ; 434,4
11,6	18,8	7	4619	410.5 ; 434,5
11,8	23,0	7	4620	410.5 ; 434,5
12,3	9,1	7	4621	410,5 ; 434,5
12,6	14,2	7	4622	410.4 ; 434,4
12,9	22,6	7	4623	410.2 ; 434,2
12,7	17,1	7	4624	410.2 ; 434,2
14,0	12,4	7	4625	410,4 ; 434,4
13,7	12,9	7	4626	410.4 ; 434,4
13,2	16,3	7	4627	410.3 ; 434,3
13,7	11,4	A57	4628	410.8 ; 434,8
14,1	7,4	7	4629	410,3 ; 434,3
14,2	11,7	7	4630	410,4 ; 434,4
14,2	16,7	7	4631	410,7 ; 434,7
14,4	17,7	7	4632	410,3 ; 434,3
14,6	18,6	7	4633	410.4 ; 434,4
14,4	20,4	7	4634	410.4 ; 434,4
15,7	6,5	729	4635	410.5 ; 434,5
~~16,2~~ 15,7	17,6	7	4636	410,6 ; 434,6
15,2	19,1	7	4637	410,4 ; 434,4
16,2	10,4	7	4638	410,4 ; 434,4
16,3	12,6	7	4638a	410,3 ; 434,3
16,3	18,5	7	4639	410,3 ; 434,3
16,3	19,0	7	4640	410,6 ; 434,6
16,3	21,2	7	4641	410,6 ; 434,6
17,1	6,2	7	4642	410,5 ; 434,5
17,3	15,2	7	4643	410,4 ; 434,4
17,5	19,9	7	4644	410,3 ; 434,4
17,1	21,9	A57	4645	410,8 ; 434,8
18,9	10,6	7	4646	410,4 ; 434,4

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June 18, 1903

Plate 22566

V	H	Cl	Rowland	Descrip	434.2
18.0	10.9	7	4646a	410.2	434.2
18.7	10.7	7	4647	410.2	434.2
18.2	14.3	7	4648	410.4	434.2
18.6	15.7	7	4649	410.5	434.5
18.9	16.3	7	4650	410.2	434.2
19.2	8.1	7	4651	410.4	434.4
19.4	9.2	7	4652	410.5	434.5
20.1	7.5	7	4653	410.5	434.5
20.1	16.7	7	4654	410.4	434.4
21.4	7.8	7	4655	410.6	434.6
23.5	10.8	7	4656	410.5	434.5

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June 20, 1903.

Plate B 12012

v	H	Cl.	No.	Descrip.
7.0	20.7	B	4657	B 6.5 γ = .1 ; δ 6 ε = .2.
7.7	5.9	A5 7	4658	410.8 ; 434.8
10.3	6.4	7	4659	410.5 ; 434.5
12.2	7.1	7	4660	410.2 ; 434.2
12.9	19.2	A5 7	4661	410.8 ; 434.8.
13.0	11.8	7	4662	410.5- ; 434.5-
13.8	18.5-	7	4663	410.4 ; 434.4
13.8	19.7	7	4664	410.4 ; 434.4
13.1	22.7	7	4665-	410.5- ; 434.5-
14.0	23.2	B	4666	B 6.5 γ = .2 ; δ 6 ε = .2.
16.3	23.1	A5 7	4667	410.8 ; 434.8.
16.9	21.6	A5 7	4668	410.6 ; 434.6
18.5	18.7	7	4669	410.4 ; 434.4
18.8	20.0	7	4670	410.5- ; 434.5-
17.6	21.2	7	4671	410.3 ; 434.3
20.8	19.9	7	4672	410.5- ; 434.5-
21.4	7.6	7	4673	410.4 ; 434.4
21.4	10.4	7	4674	410.5- ; 434.5-
22.4	18.2	7	4675	410.4 ; 434.4
23.4	10.1	7	4676	410.3 ; 434.3
23.1	14.9	A5 7	4677	410.8 ; 434.8
23.8	15.5	A8 7	4678	410.4 ; 434.4

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June 24, 1903

Plate B 2055

V	H	Cl.	Rem	Descrip.
6,7	10,1	7	4679	410,2; 434,2
6,7	15,3	7	4680	410,4; 434,4
8,2	14,3	7	4681	410,5; 434,5
8,2	20,3	A57	4682	410,8; 434,8
9,6	6,3	A57	4683	410,8; 434,8
9,5	8,9	7	4684	410,5; 434,5
10,0	18,5	7	4685	410,4; 434,4
11,0	14,7	7	4686	410,5; 434,5
10,4	18,3	7	4687	410,4; 434,4
10,8	24,5	7	4688	410,5; 434,5
11,9	16,2	7	4689	410,2; 434,2
12,6	10,1	7	4690	410,5; 434,5
12,3	15,0	7	4691	410,2; 434,2
12,5	18,5	7	4692	410,5; 434,5
14,0	6,2	7	4693	410,5; 434,5
13,9	8,6	7	4694	410,5; 434,5
13,1	12,1	7 2 9	4695	410,2; 430,2; 434,2
13,2	16,5	7	4696	410,6; 434,6
13,9	14,9	B	4697	β4 y=2; β6 y=2; β8 y=1; δ6 ε=2; η4 d=5.
15,7	7,5	7	4698	410,4; 434,4
15,7	11,1	7	4699	410,5; 434,5
15,9	13,5	7	4700	410,4; 434,4
17,3	11,1	7	4701	410,4; 434,4
17,9	11,7	A57	4702	410,7; 434,7
17,4	15,1	7	4703	410,2; 434,2
17,4	15,4	A57	4704	410,8; 434,8
17,0	16,7	7	4705	410,4; 434,4
17,4	16,8	7	4706	410,4; 434,4

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Plate B 2015

α	H	Cl.	Rem.	Descrip
17,3	19.0	7	4707	410,5; 434,5
18,7	17,2	7	4708	410,5; 434,5
19,8	16,8	7	4709	410,4; 434,4
19,8	21,6	7	4710	410,4; 434,4
20,3	11,3	A87	4711	410,4; 434,4
20,5	14,9	7	4712	410,3; 434,3
22,2	6,8	7	4713	410,4; 434,4
22,8	11,1	7	4714	410,5; 434,4
22,2	21,8	7	4715	410,5; 434,5
23,1	7,2	7	4716	410,5; 434,5

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July 14, 1903

Plate B 11010

V	H	Cl	No.	Descrip.
5.7	8.1	~~F7 G~~	4717	410.4, 430.3; 434.4. Lines of shorter λ than K intensity 10
6.2	7.5	B	4718	Hβ .65 Hγ = .2; Hδ 6 Hε = 1.
7.3	9.6	7	4719	410.4; 434.4
7.7	15.6	7	4720	410.2; 434.2
7.5	23.2	A5 7	4721	410.7; 434.7
8.2	10.2	7	4722	410.4; 434.4
8.3	12.5	A2 7	4723	410, 10; 434, 10.
9.1	22.1	A2 7	4724	410 10, 434, 10
9.6	24.6	7	4725	410.3; 434.3
10.3	8.1	7	4726	410.2; 434.2
10.4	15.0	A2 7	4727	410, 10; 434, 10
11.6	18.4	7	4728	410.5; 434.5, Hε 10.
12.7	8.4	7	4729	410.2; 430.2; 434.2.
14.4	12.4	A5 7	4730	410.7; 434.7; Lines of shorter λ than K, intensity 10.
14.7	15.2	A5 7	4731	410.7; 434.7
14.6	20.3	7	4732	410.3; 434.3
14.1	22.9	7	4733	410.2; 434.2
15.4	11.3	F2 G	4734	410.4; 430.4; 434.4. Lines of shorter λ than K intensity 10.
15.6	13.8	7	4735	410.3; 434.3
16.4	6.5	7	4736	410.4; 434.4
17.0	9.8	7	4737	410.2; 434.2
17.1	10.4	7	4738	410.2; 434.2
17.0	23.6	A Pec.	4739	Hydrogen lines narrow
17.4	7.1	7	4740	410.2; 434.2
17.6	15.8	7	4741	410.4; 434.4
17.1	16.3	F2 G	4742	410.4; 430.2; 434.4; H η = 5, Hδ = 10 Hε 5 = 10; Hζ = 10.

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July 16, 1903

Plate B 11010

V	H	Cl.	No. Rem.	Descrip
17,8	17,8	7	4743	410,4; 434,4
18,0	10,4	7	4744	410,2; 434,2
18,3	14,0	7 2 g	4745	410,4; 430,3; 434,4
19,2	20,8	7	4746	410,5; 434,5
20,8	14,2	7	4747	410,5; 434,5
20,3	17,9	7	4748	410,4; 434,4
21,7	13,2	A 5 7	4749	410,6; 434,6; Hζ = 10
21,5	17,5	7	4750	410,4; 434,4.
21,5	19,5	7	4751	410,2; 434,2
23,5	13,1	7	4752	410,5; 434,5

Plate B 22569

6,9	12,9	7	4753	410,6; 434,6
6,5	13,6	A 5 7	4754	410,7; 434,7; Hζ = 10
6,6	19,6	7	4755	410,4; 434,4
6,3	20,8	B	4756	Hβ 6.5 - Hγ = .2; Hδ 6 Hε = 2.
6,7	21,7	7	4757	410,4; 434,4
8,0	18,8	7	4758	410,4; 434,4
7,9	19,1	7 2 g	4759	410,3; 430,2; 434,3
9,9	10,3	7	4760	410,4; 434,4
9,1	21,7	A 5 7	4761	410,8; 434,8
10,6	13,3	7	4762	410,4; 434,4
11,0	19,6	A 2 5 7	4763	410,8; 434,8.
12,7	9,3	7	4764	410,3; 434,3
12,5	13,6	7	4765	410,5; 434,5
13,9	16,0	7 2 g	4766	410,3; 430,2; 434,3
13,7	20,1	7	4767	410,2; 434,2
15,0	13,3	7	4768	410,2; 434,2
15,0	15,3	7	4769	410,5; 434,5; Hγ & Hη = 10
15,4	14,1	A 2 7	4770	410,8; 434,8; Hγ & Hη = 10

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July 16, 1903

B 22 v 69

v	H	Cl.	No. Rem.	Descrip.
15.2	17.8	7	4771	410.6; 434.6
17.2	17.0	7	4772	410.4; 434.4
17.7	17.2	7	4773	410.3; 434.3
17.6	19.1	729	4774	410.4; 430.3; 434.4; Hg & H_η = 10
18.0	20.5	A27	4775	410.8; 434.8; Hg, η & δ = 10
18.1	16.5	7	4776	410.4; 434.4.
19.2	12.7	7	4777	410.3; 434.3.
20.8	10.6	7	4778	410.5; 434.5
22.8	9.3	7	4779	410.4; 434.4
22.3	14.5	7	4780	410.3; 434.3
22.8	20.0	7	4781	410.5; 434.5
23.1	7.8	7	4782	410.4; 434.4
23.2	12.9	7	4783	410.4; 434.4

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July 17, 1903

Plate B 12008

v	H^	bl.	No Rem.	Descrip.
5.4	13.9	7	4784	410.4; 434.4; Hξ=10
6.2	18.7	7	4785	410.4; 434.4
6.0	23.3	7	4786	410.5; 434.5
6.6	10.7	7	4787	410.4; 434.4
7.4	11.8	7	4788	410.5; 434.5
7.5	17.4	7	4789	410.3; 434.3
8.6	7.2	7	4790	410.5; 434.5
9.1	10.8	A57	4791	410.7; 434.7, Hξ=10
9.2	16.6	7	4792	410.4; 434.4
10.7	8.9	7	4793	410.2; 434.2
10.1	10.1	B	4794	Hβ 7 Hγ=2; Hβ 8.5 γ=1; Hγ 8δ=2 Hδ 5ε=3; Hδ 6ε=.2, Hε 5 ξ=.2 Hη 4 8=4
10.9	13.6	7	4795	410.6; 4346
10.3	16.7	7	4796	410.4; 434.4
11.8	8.1	7	4797	410.4; 434.4
11.7	8.8	A57	4798	410.8; 434.8, Hζ τ η int.=10
11.9	14.3	7	4799	410.5; 434.5
11.9	18.1	A57	4800	410.8; 434.8
11.7	21.1	7	4801	410.5; 434.5
13.8	11.1	7	4802	410.3; 434.3
13.9	23.4	7	4803	410.5; 434.5
14.5	5.6	7	4804	410.2; 434.2
~~14.8~~ 15.0	~~6.6~~ 10.5	~~7~~ 9	4805	410.4; 430.3; 434.4; Hζ, Hη and Hδ=10
~~14.8~~	~~13.4~~	~~7~~		
14.8	13.4	7	4806	410.5; 434.5.
14.9	18.6	7	4807	410.4; 434.4.
15.2	16.8	7	4808	410.4; 434.4
15.6	22.5	7	4809	410.4; 434.4.

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July 20, 1903

Plate 12008

v	H	Cl.	No. Rem.	Descrip.
16,3	4,7	7	4810	410,4; 434,4
16,6	6,3	7	4811	410,4; 434,4
16,8	6,9	7	4812	410,4; 434,4
16,9	19,4	7	4813	410,3; 434,3
18,0	19,3	A87	4814	410,8; 434,8; Hζ to Hη = 10
17,8	10,1	7	4815	410,4; 434,4
17,8	12,8	7 2 9	4816	410,4; 430,3; 434,4.
18,3	11,0	7	4817	410,5-; 434,5-
18,4	13,6	7	4818	410,4; 434,4.
18,1	15,5-	7 2 9	4819	410.4; 430,3; 434,4.
17,3	16,1	7	4820	410,3; 434,3
18,1	16,5-	7	4821	410,3; 434,3
18,5-	22,2	7	4822	410,4; 434,4.
19,8	15,6	A27	4823	410,8; 4348; Hζ to Hx = 10,
20,2	7,9	7	4824	410,4; 434,4
20,2	23,3	7	4825-	410,5-; 434,5-
21,9	6,2	7	4826	410,5-; 434,5-
21,5	10,4	7	4827	410,4; 434,4
21,5	11,1	7	4828	410,5-; 434,5
22,9	13,0	7	4829	410,7; 434,7; Hζ to λ = 10
22,1	15,0	7	4830	410,6; 434,6.
23,0	6,6	7	4831	410,5-; 434,5-
23,1	16,5-	A57	4832	410,7; 434,7
23,1	21,9	7	4833	410,4; 434,4

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July 22, 1903

Plate B647

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v	H	Pl.	No. Rem	Descrip.
5.0	11.5	7	4834	410.4 · 434.4
6.1	18.9	7	4835	410.4 ; 434.4
6.2	20.4	7	4836	410.2 ; 434.2
9.3	9.7	7	4837	410.2 ; 434.2
10.0	12.0	7	4838	410.4 ; 434.4
10.1	19.5	7	4839	410.4 ; 434.4
12.0	12.7	7	4840	410.5 ; 434.5
11.3	23.7	7	4841	410.3 ; 434.3
12.3	8.0	7	4842	410.8 ; 434.8
12.8	13.2	7	4843	410.2 ; 434.2
12.5	17.6	7	4844	410.4 ; 434.4
13.3	8.4	7	4845	410.5 ; 434.5
14.3	13.5	7	4846	410.3 ; 434.3
14.7	19.7	7	4847	410.2 ; 434.2
14.5	21.4	7	4848	410.2 ; 434.2 ; H_ξ Tη = 10
15.6	12.4	7	4849	410.3 ; 434.3
15.3	12.7	7	4850	410.2 ; 434.2
15.5	19.0	7	4851	410.2 ; 434.2
16.7	12.7	A 7	4852	410.8 ; 434.8
16.9	23.2	7	4853	410.5 ; 434.5
17.1	14.5	7	4854	410.5 ; 434.5
18.3	16.3	7	4855	410.3 ; 434.3
19.8	20.3	7	4856	410.4 ; 434.4
20.8	15.0	A 7	4857	410.5 ; 434.5 ; $H_{\xi,\eta}$ Tδ = 10.
20.5	15.9	A 7	4858	410.4 ; 434.4 ; $H_{\xi,\eta,\theta,i,\kappa}$ = 10
22.0	17.7	7	4859	410.4 ; 434.4
22.4	~~17.6~~ 13.2	A 7	4860	410.6 ; 434.6
23.7	17.6	7	4861	410.5 ; 434.5

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July 23, 1903

Plate B 8592

V	H	Cl.	No. Rem.	Descrip.
3.8	20.4	7	4862	410.3; 434.3.
6.5	22.1	7	4863	410.5; 434.5; Hδ T η = 10
7.7	8.2	7	4864	410.4; 434.4.
9.0	19.3	7	4865	410.2; 434.2
8.7	20.5	A87	4866	410.8; 434.8; Hδ, η, δ, L = 10
8.9	22.1	7	4867	410.3; 434.3
11.8	8.4	7	4868	410.3; 434.3.
12.0	14.1	7	4869	410.5; 434.5
13.9	14.2	A87	4870	410.8; 434.8
13.3	16.6	B.8A	4871	Hδ 6.5 f = 1; Hδ 6 ε = 2
13.4	23.1	729	4872	410.3; 430.2; 434.3.
14.6	16.4	A87	4873	410.8; 434.8.
14.3	19.1	Md Rec.	4874	410.2; 434.2; Numerous other bright lines.
15.8	16.6	A87	4875	410.6; 434.6.
16.9	24.4	A87	4876	410.8; 434.8
18.3	12.7	7	4877	410.5; 434.5
18.8	16.8	7	4878	410.5; 434.5
19.1	18.9	729	4879	410.3; 430.3; 434.2. Lines short & thick
18.7	20.1	729	4880	410.2; 430.2; 434.2.
18.2	21.4	A87	4881	410.8; 434.8.
19.8	15.7	7	4882	410.4; 434.4
22.2	10.4	7	4883	410.4; 434.4.
20.8	21.1	A87	4884	410.8; 434.8
22.8	20.2	4	4885	410.4; 434.4

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July 23, 1903.

Plate B1994g

					Descrip.
	4,7	18,8	7	4886	410,4; 434,4
	6,2	11,4	7	4887	410,3; 434,3
	7,4	16,6	7	4888	410,4; 434,4
	8,6	11,6	7	4889	410,5; 434,5
	8,1	14,2	72G	4890	410,3; 430,3; 434,3
	8,6	19,2	A87	4891	410,6; 434,6.
	9,4	8,1	7	4892	410,4; 434,4
	9,9	8,4	A87	4893	410,7; 434,7
	9,8	14,3	72G	4894	410,3; 430,3; 434,3
	9,7	20,7	7	4895	410,4; 434,4
	10,7	11,5	72G	4896	410,3; 430,3; 434,3.
	10,1	15,3	7	4897	410,5; 434,5
	10,9	18,9	7	4898	410,2; 434,2
	10,1	22,5	7	4899	410,4; 434,4
10 00 PM	12,8	10,7	7	4900	410,2; 430,1; 434,2; Hg, η, δ, ε, x = 10

July 27, 1903

9 10 PM

	12,5	15,4	7	4901	410,2; 434,2
	12,2	20,6	A87	4902	410,4; 434,2 Hg τ η = 10
	13,7	10,1	7	4903	410,4; 434,4
	13,7	10,7	A87	4904	410,3; 434,3; Hg τ η = 10
	14,1	14,1	7	4905	410,3; 434,3
	13,7	20,5	7	4906	410,2; 430,2; 434,2; Hg, η, δ, ε = 10,
	14,3	21,0	7	4907	410,2; 430,2; 434,2
	14,9	6,9	7	4908	410,3; 434,3
	15,4	12,4	72G	4909	410,3, 430,2; 434,3
	15,7	12,6	7	4910	410,4; 434,4 Hg τ η = 10
	15,8	15,3	A87	4911	410,5; 434,5 Hg τ η = 10

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July 27, 1903

Plate 19949

V	H	Cl.	No. Rem.	Descrip.	n d c x l μν
16,2	12,2	7	4912	410,4; 434,4	H_5 to ν = 10
17,0	20,8	487	4913	410.8; 434,8	H_5 to η = 16
17,0	16,7	7	4914	410,5; 434,5	
18,0	17,9	7	4915	410,5; 434,5	
18,9	12,0	7	4916	410,3; 434,3	
19,9	7,2	7	4917	410,5; 434,5	
21,0	12,2	7	4918	410,5; 434,5	
21,1	13,1	7	4919	410,4; 434,4	
23,0	16,6	7	4920	410,5; 434,5	
23,8	17,1	7	4921	410,5; 434,5	
22,0	18,0	7	4922	410,4; 434,4	

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July 31, 1903

Plate B 2026.

v	H	Cl.	No.	Rem.	Descrip.
v.1	9.8	7	4923		410.5; 434.5; Hδ δ η = 10
5.1	11.2	Av7	4924		410.8; 434.8.
4.8	21.0	7	4925		410.4; 434.4
v.7	12.0	7	4926		410.4; 434.4
6.8	14.7	7	4927		410.4; 434.4; Hδ δ η = 10
6.6	15.5	7	4928		410.4; 434.4
6.2	17.0	7	4929		410.4; 434.4
6.9	16.3	Av7	4930		410.7; 434.7; Hδ δ η = 10
7.3	19.4	72G	4931		410.4; 430.1; 434.4; Hδ, η, δ, ι, = 10
7.2	19.8	7	4932		410.3; 434.3.
7.4	21.1	7	4933		410.4; 434.4
8.7	12.4	7	4934		410.5; 434.5
8.4	10.5	7	4935		410.4; 434.4
9.0	12.2	7	4936		410.5; 434.5
8.6	21.8	7	4937		410.3; 434.3.
8.8	24.2	7	4938		410.3; 434.3
9.8	14.2	72G	4939		410.3; 430.1; 434.3; Hδ, η, δ, ι,
9.4	15.5	7			κ, λ, μ, ν = 10
			4940		410.3; 434.3.
9.3	20.0	7	4941		410.6; 434.6
9.2	21.7	Av7	4942		410.6; 434.6; Hδ, η, δ, ι, = 10
10.1	8.3	7	4943		410.5; 434.5
10.9	14.6	7	4944		410.3; 434.3
10.8	16.0	7	4945		410.4; 434.4
10.7	18.8	7	4946		410.4; 434.4
11.0	20.1	7	4947		410.3; 434.3

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August 1, 1903

Plate. B 2016

v	H	bl.	No. Rem.	Descrip.
10.4	24.1	7	4948	410.4; 434.4.
11.7	6.9	7	4949	410.3; 434.3.
11.5	9.2	7	4950	410.5; 434.5
11.1	19.6	7	4951	410.4; 434.4
11.5	23.9	7	4952	410.4; 434.4; Hδ, η, 5 θ = 10
12.7	14.4	A5 7	4953	410.8; 434.8; Hδ 5 η = 10
13.0	15.0	7	4954	410.5; 434.5; Hδ η θ, ε, ζ, ξ, μ = 10
12.7	15.5	7	4955	410.4; 434.4
12.2	18.7	7	4956	410.4; 434.4
12.9	22.2	7 2 G	4957	410.2; 430.1; 434.2; Hδ η θi = 10
13.6	7.8	7	4958	410.5; 434.5
14.0	16.1	7	4959	410.4; 434.4
13.7	19.9	7	4960	410.3; 434.3
13.8	20.7	7	4961	410.4; 434.4
13.3	21.2	7 2 G	4962	410.3; 430.2; 434.3
13.8	21.4	7 2 G	4963	410.2; 430.2; 434.2
13.6	21.7	7	4964	410.3; 434.3; Hδ 5 η = 10
14.0	21.9	7	4965	410.4; 434.4.
15.0	11.0	7	4966	410.4; 434.4
14.2	24.0	7	4967	410.4; 434.4
15.7	16.1	7	4968	410.4; 434.4
16.4	5.4	7	4969	410.5; 434.5.
16.2	8.9	7	4970	410.4; 434.4
17.0	10.2	7	4971	410.3; 434.3
16.8	10.9	7	4972	410.4; 434.4
16.5	11.3	7	4973	410.4; 434.4
16.2	12.0	7	4974	410.4; 434.4
16.7	19.3	7	4975	410.4; 434.4
16.8	20.9	7	4976	410.4; 434.4

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August 3, 1903.

Plate B 2026

V	K	Obj.	No. Rem.	Descrip.
16.6	21.7	A	4977	Hydrogen lines narrow
17.9	7.2	7	4978	410.5; 434.5.
17.1	15.5	7	4979	410.4; 434.4.
17.8	24.6	7	4980	410.3; 434.3
18.3	7.1	7	4981	410.3; 434.3
18.9	96	A87	4982	410.7; 434.7; H_ξ, η, D/L = 10
18.1	12.6	7	4983	410.4; 434.4.
18.2	17.4	7	4984	410.4; 434.4
18.8	20.2	A87	4985	410.4; 434.4; H_ξ, η, D = 10
20.0	14.0	7	4986	410.4; 434.4
18.5	14.1	7	4987	410.2; 434.2
21.4	20.0	7	4988	410.5; 434.5
23.3	13.1	7	4989	410.4; 434.4

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August 4, 1903

Plate B 20151

V	H	bl.	No.	Rem.	Descrip
6.2	23.9	7	4990		410.5; 434.5.
8.1	14.2	7	4991		410.3; 434.3.
9.2	21.7	7	4992		410.3; 434.3.
10.6	18.1	7	4993		410.2; 434.2
14.4	15.3	A87	4994		410.8; 434.8.
15.5	13.3	7	4995		410.4; 434.4
15.1	24.1	7	4996		410.5; 434.5
15.6	24.5	7	4997		410.4; 434.4
16.1	15.3	7	4998		410.2; 434.2
17.7	6.3	A87	4999		410.6; 434.6; Hζ, η, ϑ=10
18.0	11.5	7	5000		410.3; 434.3
18.1	16.9	7	5001		410.2; 434.2; Hζ, η, ϑ, ι, κ=10
22.3	13.5	7	5002		410.2; 434.2
23.8	8.4	7	5003		410.4; 434.4

Plate B 10820

9.6	6.6	7	5004		410.2; 434.2; Hζ, η, ϑ, ι, κ, λ=10
10.2	15.9	A87	5005		410.8; 434.8
10.8	18.1	A729	5006a		410.3; 430.3; 434.3
17.2	19.1	A87	5006		410.8; 434.8
19.0	21.0	729	5007		410.3; 430.3; 434.3
21.2	6.7	7	5008		410.4; 434.4
22.5	15.5	7	5009		410.4; 434.4

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August 5, 1903.

Plate B 8990.

V	H	bl.	No. Rem.	Descrip.
6,1	8,2	7	5010	410,4; 434,4
8,1	18,8	7	5011	410,2; 434,2; 436,1; Hζ, η, ϑ, ι, κ, λ, μ, ν=10
9,8	11,6	7	5012	410,4; 434,4. Bp. of Cl. A superposed.
15,7	11,4	B	5013	HB 6γ=1; Hδ 5ε=2, 6ε=1; Hζ 5ζ=2 Hγ 4δ=4.
15,4	12,1	7+9	5014	Hζ, η, ϑ, ι=10
16,3	6,4	7	5015	410,4; 434,4
17,3	13,1	7	5016	410,3; 434,3
18,4	13,5	7	5017	410,3; 434,3
19,9	10,8	7	5018	410,4; 434,4
22,3	10,6	7	5019	410,3; 434,3
23,8	20,5	7	5020	410,3; 434,3

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August 7, 1903.

Plate 57.22

V	H	bl	No. Rem.	Descrips.
4,3	13,0	7	5021	410,5; 434,5; Hε, η = 10
4,0	15,9	7	5022	410,3; 434,3
10,0	17,8	7	5023	410,4; 434,4
10,5	24,4	7	5024	410,2; 434,2
13,5	9,9	7	5025	410,3; 434,3
13,2	11,1	7	5026	410,3; 434,3
15,2	16,5	7	5027	410,4; 434,4; Hε, η, δ = 10
15,9	23,1	7	5028	410,4; 434,4
18,0	14,8	A87	5029	410,4; 434,8; Hε, η, δ, c, k = 10
17,8	23,0	7	5030	410,3; 434,3.
19,2	16,8	A87	5031	410,3; 434,3
22,0	18,6	7	5032	410,3; 434,3

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Aug. 10, 1903

Plate B 8624

V.	H.	bl.	No. Rem.	Descrip
5.1	6.9	7	5033	410.2 ; 434.2
8.2	7.8	7	5034	410.3 ; 434.3
10.0	2.4	7	5035	410.3 ; 434.3
11.5	14.3	A87	5036	410.8 ; 434.8
10.9	15.2	7	5037	410.4 ; 434.4
12.0	7.7	7	5038	410.3 ; 434.3
14.0	9.8	7	5039	410.3 ; 434.3
16.3	24.2	7	5040	410.3 ; 434.3
17.8	11.3	7	5041	410.5 ; 434.5
18.7	6.3	7	5042	410.2 ; 434.2
18.4	14.8	7	5043	410.5 ; 434.5
21.1	13.6	7	5044	410.5 ; 434.5
22.4	13.8	7	5045	410.4 ; 434.4
22.9	14.5	7	5046	410.3 ; 434.3

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Aug. 10, 1903

Plate B19950

V.	H.	bl.	No. Rem.	Descrip.
4.5	8.5	7	5047	410.4; 434.4
4.5	23.5	7	5048	410.3; 434.3
5.8	11.8	A87	5049	410.8; 434.8
5.8	19.5	7	5050	410.3; 434.3
5.7	22.8	7	5051	410.5; 434.5
6.4	21.5	7	5052	410.4; 434.4
7.6	20.5	7	5053	410.3; 434.3
7.5	22.0	7	5054	410.4; 434.4
8.5	22.7	7	5055	410.4; 434.4
9.4	17.5	7	5056	410.3; 434.3
11.0	10.5	7	5057	410.4; 434.4
10.9	~~4.5~~ 11.0	7	5058	410.2; 434.2
11.7	9.1	7	5059	410.4; 434.4
11.4	10.3	7	5060	410.4; 434.4; Hε = 10
12.0	11.7	A87	5061	410.8; 434.8
11.9	16.4	7	5062	410.5; 434.5
11.4	20.9	7	5063	410.4; 434.4
11.7	24.1	7	5064	410.3; 434.3
12.6	18.0	A87	5065	410.8; 434.8
13.4	14.2	7	5066	410.5; 434.5
14.7	8.9	7	5067	410.4; 434.4
14.9	9.6	7	5068	410.2; 434.2
15.6	11.5	7	5069	410.3; 434.3
15.4	18.4	7	5070	410.3; 434.3
15.5	19.1	7	5071	410.2; 434.2
16.8	13.4	7	5072	410.4; 434.4
16.7	18.4	B	5073	Hδ 6.5 j=2; Hδ 6 ε=.2
16.9	18.9	7	5074	410.3; 434.2
18.0	7.1	7	5075	410.5; 434.5

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August 10, 1903.

Plate B 1990

V.	H.	Cl.	No. Rem.	Descrip.
17.6	7.7	7	5076	410.3; 434.3
17.2	11.7	7	5077	410.3; 434.3; Hζ, η, δ, ε, χ = 10
17.8	14.4	7	5078	410.4; 434.4
17.1	17.5	7	5079	410.4; 434.4
17.9	18.0	7	5080	410.4; 434.4
17.9	21.1	7	5081	410.5; 434.5
18.0	23.1	7	5082	410.2; 434.2
18.6	8.9	A87	5083	410.8; 434.8
18.4	14.5	7	5084	410.5; 434.5; Hζ, η, δ, ε, κ, λ, μ = 10.

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August 12, 1903

Plate 1995 0

18.9	17.1	7	5085	410.4; 434.4
20.0	17.3	7	5086	410.2; 434.2; Hζ δ η = 10
18.9	20.3	7	5087	410.3; 434.3
20.4	8.5	7	5088	410.4; 434.4
20.6	12.1	7	5089	410.5; 434.5
20.2	16.3	A87	5090	410.8; 434.8; Hζ, η, δ, χ = 10.
20.4	21.1	7	5091	410.4; 434.4.
21.1	7.4	7	5092	410.5; 434.5
21.8	16.0	7	5093	410.4; 434.4; Hζ, η, δ, ε, λ, = 10.
22.6	15.2	7	5094	410.4; 434.4
22.8	21.2	7	5095	410.5; 434.5
23.9	8.4	7	5096	410.5; 434.5
23.9	9.1	7	5097	410.4; 434.4
23.0	11.8	7	5098	410.5; 434.5

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August 13, 1903.

Plate B 17700

V.	H.	Cl.	No. Rem.	Descrip.
6.0	9.6	7	5099	410.3 : 434.3.
4.8	16.4	7	5100	410.3 ; 434.3
6.3	8.5	7	5101	410.3 ; 434.3
6.0	18.6	7	5102	410.5 ; 434.5
7.0	19.6	7	5103	410.3 ; 434.3
7.5	24.5	7	5104	410.5 ; 434.5
10.0	16.9	7	5105	410.4 ; 434.4
10.7	5.5	7	5106	410.3 ; 434.3
11.7	7.6	7	5107	410.4 ; 434.4
11.1	24.7	7	5108	410.2 ; 434.2
12.4	24.4	7	5109	410.3 ; 434.3

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14.8	11.7	7	5110	410.2 ; 434.2
14.4	16.8	7	5111	410.4 ; 434.4
15.5	15.1	7	5112	410.4 ; 434.4
15.3	15.3	7	5113	410.3 ; 434.3
16.9	16.0	7	5114	410.3 ; 434.3
16.3	16.6	7	5115	410.4 ; 434.4 ; Hγ 10
17.9	13.5	7	5116	410.5 ; 434.5
18.8	21.0	7	5117	410.2 ; 434.2
18.9	23.2	7	5118	410.3 ; 434.3
21.4	12.1	7	5119	410.5 ; 434.5
22.2	24.2	7	5120	410.4 ; 434.4

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1894phae.proj..888F

August 31, 1903

Plate B9004

V.	H.	Cl.	No. Rem.	Descrip.
6.5	8.6	7	5121	410.5; 434.5.
8.0	9.2	7	5122	410.4; 434.4
7.8	12.2	7v-g	5123	410.8; 434.8. Hζ=10
8.0	16.1	7	5124	410.5; 434.5
7.6	17.6	7	5125	410.5; 434.5
8.3	22.2	7	5126	410.5; 434.5
9.8	9.2	7	5127	410.4; 434.4
10.6	24.1	7	5128	410.2; 434.2
13.0	10.2	A87	5129	410.8; 434.8; Hζ=10
12.8	19.1	7	5130	410.5; 434.5
14.9	23.8	7	5131	410.5; 434.5.
15.5	8.9	7	5132	410.5; 434.5
17.6	11.4	7	5133	410.4; 434.4
17.4	18.0	7	5134	410.3; 434.3; Hζ, η, δ, ε, x, λ=10
19.3	12.3	7	5135	410.5; 434.5
20.8	11.2	7	5136	410.5; 434.5
20.2	16.4	7	5137	410.5; 434.5
20.2	17.7	7	5138	410.5; 434.5
20.6	20.7	7	5139	410.5; 434.5
20.6	21.8	A87	5140	410.8; 434.8
20.6	22.2	A87	5141	410.8; 434.8
22.0	10.7	A87	5142	410.8, 434.8; Hζ η δ ε x=10
~~23.7~~	23.9	7	5143	410.2; 434.2
23.6	23.6	7	5144	410.5; 434.5

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Sept. 14

Plate B 10098

V.	H.	Cl.	No. Rem.	Descrip.
14,1	12,7	7	~~5145~~ 5171	410.4; 434,4.
14,3	14,9	7	5172	410.2; 434,2
14,8	16,1	7	5173	410,3; 434,3.
14,6	16,3	7	5174	410.3; 434,3.
14,4	19,0	7	5175	410.2; 434,2
14,7	19,2	7	5176	410.2; 434,2
14,3	19,4	7	5177	410.4; 434,4
14,0	19,9	7	5178	410,3; 434,3
15,5	10,2	A87	5179	410,8; 434,8.
15,2	19,2	7	5180	410.2; 434,2
15,5	18,7	7	5181	410.2; 434,2
15,6	21,6	7	5782	4106; 434,6
16,6	5,8	7	5183	410.2; 434,2
16,1	7,1	7	5184	410.2; 434,2
16,6	10,1	7	5185	410.2; 434,2
16,7	11,0	7	5186	410,3; 434,3
16,1	11,7	7	5187	410.2; 434,2
16,4	18,8	A87	5188	410,8; 434,8
16,9	19,6	7	5189	410,4; 434,4
17,2	7,4	7 2 G	5190	410.2; 430.2; 434,2
17,2	24,0	7	5191	410.2; 434,2.
18,5	12,6	7	5192	410.2; 434,2
19,0	18,5	7	5193	410.4; 434,4; Hε η δ = 10
19,7	13,0	7	5194	410.2; 434,2
19,6	14,6	7	5195	410.2; 434,2
19,7	18,9	7	5196	410.2; 434,2
21,5	6,8	7	5197	410,3; 434,3
21,4	11,0	7	5198	410.2; 434,2.
21,5	19,5	7	5199	410,4; 434,4

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Plate B 10098.

V.	H.	bl.	No. Rem.	Descrip.
4.1	17.3	7	5145	410.2 · 434.2
4.0	18.5	7	5146	410.4; 434.4; Hξ=10
5.6	6.3	7	5147	410.4 · 434.4
5.9	7.5	a57	5148	410.8; 434.8; Hξ,η,δ,ε=10
6.0	20.7	7	5149	410.4; 434.4
6.2	14.7	7	5150	410.4; 434.4
7.9	11.7	9ec	5151	Hydrogen lines barely visible
7.8	19.2	7	5152	410.4; 434.4
8.6	12.3	7	5153	410.3. 434.3
8.6	13.4	7	5154	410.4 · 434.4
8.5	15.2	7	5155	410.4; 434.4
7.8	19.8	7	5156	410.3; 434.3
*8.2	22.1	7	5157	410.5; 434.5
8.3	23.9	7	5158	410.4 · 434.4
9.2	13.5	7	5159	410.3 · 434.3
9.8	22.6	7	5160	410.4; 434.4
10.5	10.6	7	5161	410.3; 434.3
10.9	10.9	7	5162	410.3 · 434.3
10.1	19.2	7	5163	410.3 · 434.3.
12.0	5.8	a87	5164	410.8; 434.8; Hξ,η=10
11.5	6.1	7	5165	410.2; 434.2; Hξ,η δ,ε=10
11.6	15.2	7	5166	410.3 · 434.3.
12.9	12.2	7	5167	410.2; 434.2
13.0	15.5	7	5168	410.2 · 434.2
14.0	10.8	7	5169	410.4; 434.4
13.4	11.3	7	5170	410.3; 434.3

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Plate B8670

V.	H.	Cel.	No.	Rem.	Descrip.
4,1	13,8	7	5200		410,3; 434,3
6,5	15,0	7	5201		410,4; 434,4; Hξ τη = 10.
6,2	16,1	7	5202		410,2; 430,1; 434,2
8,0	7,9	7	5203		410,2; 434,2
9,2	7,3	7	5204		410,4; 434,4; Hξ τη = 10.
9,8	20,7	7	5205		410,3; 434,3
10,5	6,8	7	5206		410,2; 434,2
10,9	9,0	A87	5207		410,9; 434,9.
10,6	12,2	7	5208		410,5; 434,5
10,9	24,2	7	5209		410,5; 434,5
11,4	12,1	A87	5210		410,9; 434,9
13,0	8,2	7	5211		410,5; 434,5.
13,6	23,0	7	5212		410,3; 434,3.
13,6	23,7	7	5213		410,3; 434,3; Hξ = 0,6; η di x = 10.
15,4	11,4	A87	5214		410,5; 434,5; Hξ τη = 10
17,0	20,1	7	5215		410,4; 434,4.
17,0	21,6	7	5216		410,3; 434,3
18,1	8,4	A27	5217		410,4; 434,4; Hξ τη = 10
20,2	10,6	7	5218		410,4; 434,4
20,7	21,1	A87	5219		410,9; 434,9; Hξ = 10
21,0	21,5	7	5220		410,5; 434,5.
23,6	22,2	7	5221		410,4; 434,4

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Plate B20133.

V.	H.	Cl.	No. Rem.	Descrip.
5.6	9.5	7	5222	410.4; 434.4.
7.4	8.0	7	5223	410.5; 434.5.
7.1	14.9	7	5224	410.3; 434.3.
10.9	12.8	7	5225	410.3; 434.3
10.9	15.0	7	5226	410.3; 434.3
10.7	14.8	7	5226a	410.2; 434.2
12.5	7.4	A57	5227	410.6; 434.6; Hδ, γ, δ, = 10
12.9	21.6	7	5228	410.3; 434.3.
13.8	12.1	7	5229	410.4; 434.4
13.8	18.5	7	5230	410.2; 434.2
14.3	10.7	7	5231	410.3; 434.3
14.2	17.8	7	5232	410.2; 434.2
16.0	20.3	A57	5233	410.8; 434.8; Hδ ε η=10.
17.1	21.6	A57	5234	410.6; 434.6; Hδ = 10
17.2	7.4	7	5235	410.4; 434.4.
20.7	13.8	7	5236	410.4; 434.4
20.8	19.6	7	5237	410.2; 434.2
22.8	7.5	7	5238	410.3; 434.3.

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September 16, 1903.

Plate B9062

V.	H.	el.	No. Rem.	Descrip.
4.6	14.6	7	~~5~~ 5239	410.4; 434.4
4.2	16.2	7	5240	410.3; 434.3
6.3	6.3	7	5241	410.4; 434.4
6.1	9.7	A57	5242	410.5; 434.5; Hξ η δ =10
6.3	9.9	7	5243	410.5; 434.5.
7.9	22.9	7	5244	410.5; 434.5
8.1	12.1	7	5245	410.4; 434.4
~~9.3~~ 9.92	~~18.2~~ 18.8	7	5246	410.2; 434.2
10.1	8.8	A87	5247	410.9; 434.9.
10.3	9.6	7	5248	410.3: dbl. 434.3 dbl.
13.0	18.5	2?	5249	Br. lines, Gas neb. Also dark lines, Sp. of another star superposed.
12.5	20.7	A57	5250	410.4, 434.4; Hξ, η, δ, ε, x, =10.
12.7	12.5	7	5251	410.4; 434.4
12.80	22.8	7	5252	410.4; 434.4
~~H~~ 13.6	15.1	7	5253	410.4; 434.4
14.1	18.1	2?	5254	Br. lines Gas neb.
15.7	19.7	7	5255	410.2; 434.2
15.1	10.5	7	5256	410.6; 434.6.
15.7	15.4	7	5257	410.4; 434.4
15.5	16.5	7	5258	410.4; 434.4
15.8	18.3	7	5259	410.3; 434.3.
15.3	23.3	7	5260	410.4; 434.4.
16.3	7.7	A87	5261	410.9; 434.9; Hξ η ε=10
16.7	16.5	7	5262	410.2; 434.2.
17.0	21.0	7	5263	410.4; 434.4
10 05. 16.5	21.8	A87	5264	410.9; 434.9.

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Plate B 9062.

V.	H.	Cl.	No. Rem.	Descrip.
17.6	~~19.7~~	7	5265	410.3; 434.3
17.4	24.2	7	5266	410.5; 434.5
18.4	15.9	7	5267	410.3; 434.3
19.4	10.5	7	5268	410.4; 434.4
19.3	15.5	7	5269	410.4; 434.4
19.4	17.3	7	5270	410.4; 434.4
20.2	12.5	7	5271	410.4; 434.4
21.7	7.3	7	5272	410.2; 434.2
21.1	24.3	7	5273	410.2; 434.2
22.2	9.6	A87	5274	410.9; 434.9
24.6	7.2	7	5275	410.2; 434.2

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Plate Bg003.

V.	H.	Cl.	No. Rem.	Descrip.
4.0	7.1	7	5276	410.4; 434.4
6.2	10.9	7	5277	410.5; 434.45
6.2	19.3	7	5278	410.2; 434.2
6.3	21.2	7	5279	410.5; 434.5
6.1	23.8	7	5280	410.4; 434.4
8.3	13.7	7	5281	410.5; 434.5
8.4	18.6	7	5282	410.3; 434.3
8.7	19.7	7	5283	410.3; 434.3
9.7	11.1	7	5284	410.3; 434.3
9.1	11.8	7	5285	410.5; 434.5; $H_5 = 10$
10.6	22.0	7	5286	410.4; 434.4
13.8	8.7	7	5287	410.5; 434.5
13.3	13.9	7	5288	410.4; 434.4
14.5	7.9	7	5289	410.3; 434.3
14.5	9.7	7	5290	410.2; 434.2
14.3	11.0	7	5291	410.2; 434.2
14.9	12.6	7	5292	410.4; 434.4
14.7	14.7	7	5293	410.2; 434.2
14.6	15.1	7	5294	410.3; 434.3
15.8	8.9	7	5295	410.4; 434.4
15.8	9.8	7	5296	410.6; 434.6; $H_5 = 10$
15.1	16.8	4 Rc	5297	Hβ br.; other br. lines.
16.3	6.7	7	5298	410.4; 434.4.
16.9	17.2	7	5299	410.3; 434.3.
16.4	19.6	B8A	5300	$H\delta$ 6 $\varepsilon = 0.2$
16.2	22.0	7	5301	410.2; 434.2
16.4	23.0	7	5302	410.2; 434.2
16.1	24.4	7	5303	410.3; 434.3
17.3	6.5	7	5304	410.4; 434.4

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Plate B9003

V.	H.	bl.	No. Rem.	Descrip.
17,3	8,6	7	5305	410,4; 434,4
17,6	10,7	7	5306	410,5; 434,5; $H_5 = 10$
17,2	18,0	7	5307	410,4; 434,4
18,9	5,8	7	5308	410,5; 434,5; $H_5 = 10$
19,8	8,5	7	5309	410,5; 434,5
18,3	9,3	7	5310	410,4; 434,4
18,3	10,0	7	5311	410,5; 434,5
19,6	15,4	7	5312	410,4; 434,4
19,5	17,1	7	5313	410,4; 434,4
21,9	11,2	7	5314	410,5; 434,5
21,2	19,2	7	5315	410,4; 434,4
22,4	15,6	7	5316	410,4; 434,4
22,3	17,3	7	5317	410,4; 434,4
22,5	21,2	7	5318	410,3; 434,3

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Plate B86 X57

V.	H.	Cl.	No.	Rem.	Descrip.
4.7	13.9	7	5319		410.2; 434.2.
4.5	15.3	7	5320		410.4; 434.4
6.3	7.8	7	5324		410.4; 434.4; Hζ γη =10
6.4	12.2	7	5322		410.3; 434.3.
5.8	20.8	7	5323		410.2; 434.2
7.4	7.8	7	5324		410.4; 434.4; Hζ η δ =10
7.4	11.6	7	5325		410.2; 434.2
7.7	13.7	7	5326		410.5; 434.5
7.7	14.2	7	5327		410.3; 434.3
7.4	17.9	7	5328		410.4; 434.4
8.7	7.2	A57	5329		410.6; 434.6; Hζ η δ x λ μ =10
8.1	23.0	7	5330		410.3; 434.3
11.0	6.7	7	5331		410.2; 434.2
10.0	13.2	A87	5332		410.9; 434.9; Hζ γη =10
11.2	7.1	7	5333		410.4; 434.4
11.1	24.6	729	5334		Hζ η δ =10
12.9	7.0	7	5335		410.2; 434.2
14.0	22.7	7	5336		410.3; 434.3
14.4	12.0	7	5337		410.4; 434.4
16.0	6.8	7	5338		410.3; 434.3; Hζ =10
16.9	10.3	7	5339		410.3; 434.3
15.4	14.0	7	5340		410.3; 434.3
16.5	21.4	7	5341		410.2; 434.2
17.1	18.1	7	5342		410.3; 434.3
17.4	21.4	7	5343		410.5; 434.5
18.8	11.6	7	5344		410.4; 434.4
18.5	16.3	7	5345		410.3; 434.3
18.2	24.6	7	5346		410.4; 434.4
19.6	12.1	7	5347		410.5; 434.5

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Plate B8857

V.	H.	Cl.	No. Rem.	Descrip.
19,2	12,7	7	5348	410.3; 434.3
19,4	13,1	7	5349	410,4; 434,4
20,0	16,1	7	5350	410,3; 434,3
20,0	16,7	A87	5351	410,8; 434,8 Hξ, η = 8
20,8	22,0	7	5352	410,5; 434,5
21,5	10,0	7	5353	410,5; 434,5
21,3	15,9	7	5354	410.3; 434.3
24,4	15,5	7	5355	410,4; 434,4; Hξ = 10
22,7	16,7	729	5356	Hξ = 6; Hη, δ, ε, κ, = 10
24,5	20,7	7	5357	410.2; 434,2
22,8	20,4	7	5358	410.2; 434,2
22,3	23,2	7	5359	410.4; 434,4
23,4	24,1	7	5360	410.4; 434,4

Plate B8861

5,4	10,5	7	5361	410.4; 434,4
4,9	10,6	A87	5362	410.6; 434,6; Hξ, η, δ, ε, κ, λ, = 10
5,5	10,8	7	5363	410.4; 434,4
4,5	16,7	A87	5364	410.6; 434,6; Hξ η δ = 10
6,3	18,9	7	5365	410.3; 434,3
6,0	20,3	A87	5366	410,5; 434,5; Hξ, η δ ε = 10
7,5	10,7	7	5367	410.3; 430,3; 434,0
8,8	6,6	7	5368	410.2; 434,2
8,5	13,7	7	5369	410,4; 434,4
8.0	14,4	7	5370	410.3; 434,3
8.4	20.1	7	5371	410,4; 434,4
8.1	24.5	7	5372	410,4; 434,4
9,4	10,4	7	5373	410.3; 434,3
10,0	21,0	7	5374	410.2; 434,2

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Plate B8861

V.	H.	bl.	Gr.	Rem.	Descrip.
9.4	21.4	7	5375		410.2 ; 434.2
9.1	23.0	7	5376		410.4 ; 434.4
10.2	8.9	7	5377		410.2 ; 434.2
10.2	9.4	7	5378		410.3 ; 434.3
11.0	15.6	7	5379		410.3 ; 434.3
10.4	23.4	7	5380		410.3 ; 434.3
12.1	11.1	7	5381		410.3 ; 434.3
14.4	5.9	7	5382		410.4 ; 434.4
14.1	9.3	7	5383		410.2 ; 434.2
15.4	10.1	A7	5384		410.8 ; 434.8 ; Hδ, η, 18 = 10
14.9	13.3	7	5385		410.3 ; 434.3
17.0	9.3	7	5386		410.2 ; 434.2
16.8	18.2	7	5387		410.3 ; 434.3
17.2	7.5	A87	5388		410.8 ; 434.8 ; Hδ = 10
17.2	7.9	A87	5389		410.5 ; 434.8 ; Hδ η = 10
17.3	8.3	7	5390		410.5 ; 434.5
17.1	10.5	7	5391		410.6 ; 434.6
19.9	12.6	7	5392		410.3 ; 434.3
19.1	15.1	7	5393		410.2 ; 434.2
19.6	15.4	7	5394		410.3 ; 434.3
20.8	5.9	7	5395		410.3 ; 434.3
20.7	20.0	7	5396		410.4 ; 434.4
21.8	9.0	7	5397		410.3 ; 434.3
21.4	15.3	7	5398		410.4 ; 434.4
22.3	7.7	7	5399		410.3 ; 434.3
22.9	13.0	7	5400		410.5 ; 434.5
24.1	15.4	7	5401		410.4 ; 434.4

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V.	H.	bl.	No. Rem.	Descrip.
4.4	13.5	7 ~~5402~~	5402	410.2; 434.2
5.0	18.7	7	5403	410.3; 434.3
5.7	17.4	7	5404	410.2; 434.2
6.7	9.0	7	5405	410.4; 434.4
6.2	19.8	7	5406	410.4; 4344
8.0	12.9	7	5407	410.3; 434.3
7.8	14.1	7	5408	410.5; 434.5
7.1	20.6	7	5409	410.2; 434.2
8.0	23.2	7	5410	410.3; 4343
8.4	9.3	7	5411	410.2; 434.2
8.3	21.0	A87	5412	410.5; 434.5; Hδ,η, D=1.0
9.9	13.2	7	5413	410.3; 434.3
9.4	16.1	7	5414	410.2; 434.2
10.7	20.5	7	5415	410.3; 434.3
10.5	21.4	A57	5416	410.6; 434.6; Hδ,η D=1.0
11.0	22.9	A57	5417	410.6; 434.6; Hδ η=1.0
11.2	8.9	7	5418	410.3, 434.3,
11.7	9.9	7	5419	410.4, 434.4,
11.2	12.8	7	5420	410.2; 434.2
11.3	18.4	7	5421	410.4; 434.4
11.6	21.7	7	5422	410.5; 434.5
12.7	9.1	7	5423	410.4; 434.4
12.8	15.7	7	5424	410.3; 4343
13.0	18.3	7	5425	410.4; 434.4
12.6	21.5	7	5426	410.5; 434.5
13.3	9.9	7	5427	410.3; 434.3
13.5	18.1	7	5428	410.4; 434.4

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Plate B17699

V.	H.	Cel	No.	Rem.	Descrip.
13,4	21,7	7	5429		410,2; 434,2
14,3	6,4	7	5430		410,3; 434,3
14,9	9,1	7	5431		410,3; 434,3
14,5	11,0	7	5432		410,3; 434,3
15,0	11,5	7	5433		410,2; 434,2
15,0	16,1	7	5434		410,3; 434,3
15,6	6,2	7	5435		410,4; 434,4
15,6	12,8	7	5436		410,4; 434,4
15,6	13,8	7	5437		410,4; 434,4
15,4	17,1	7	5438		410,2; 434,2
15,5	19,3	7	5439		410,1; 434,1
16,5	5,1	7	5440		410,2; 434,2
16,4	10,6	7	5441		410,3; 434,3
16,8	11,3	7	5442		410,2; 434,2
16,2	11,6	7	5443		410,2; 434,2
16,1	11,7	7	5444		410,3; 434,3
16,0	12,5	7	5445		410,4; 434,4
16,6	16,7	7	5446		410,3; 434,3
16,9	23,3	A57	5447		410,5; 434,5; H_ξ, η, $\theta = 1,0$
17,7	5,9	7	5448		410,3; 434,3
17,5	8,2	7	5449		410,4; 434,4
17,6	16,2	7	5450		410,4; 434,4
17,5	17,1	A57	5451		410,5; 434,5; H_ξ, η, $\theta = 1,0$
17,7	17,9	A57	5452		410,6; 434,6; H_ξ, η, $\theta = 1,0$
18,0	19,7	7	5453		410,4; 434,4
17,3	23,5	7	5454		410,2; 434,2
18,6	6,1	7	5455		410,2; 434,2
19,0	6,5	7	5456		410,3; 434,3
18,5	6,6	7	5457		410,3; 434,3

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Plate B17699

V.	H.	Cl.	No.	Rem.	Descrip.
18,2	7,7	7	5458		410,3; 434,3
18,4	15,6	7	5459		410,5; 434,5
18,3	16,7	7	5460		410,4; 434,4
18,5	20,6	A57	5461		410,7; 434,7; Hδ, η, $\frac{d}{c}$ = 1,0
18,4	22,0	7	5462		410,3; 434,3
19,4	13,2	7	5463		410,2; 434,2
19,8	23,0	7	5464		410,4; 434,4
21,0	9,9	7	5465		410,5; 434,5
20,2	20,4	7	5466		410,5; 434,5
21,5	6,7	7	5467		410,3; 434,3
22,0	18,6	7	5468		410,3; 434,3
21,6	19,7	7	5469		410,2; 434,2
21,9	21,6	7	5470		410,2; 434,2
22,6	6,6	7	5471		410,3; 434,3
22,1	12,4	7	5472		410,2; 434,2
22,3	23,9	7	5473		410,3; 434,3
23,1	19,9	7	5474		410,3; 434,3

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Plate B 8901

V.	H.	Cl.	No.	Rem.	Descrip.
4,1	6,4	7	5475		410.4; 434,4
4,8	11,0	7	5476		410,3; 434,3
4,3	11,2	7	5477		410,3; 434,3
4,3	12,2	7	5478		410,2; 434,2
4,3	18,1	7	5479		410,5; 434,5
5,1	8,1	7	5480		410,4; 434,4
5,1	11,0	7	5481		410,3; 434,3
6,6	5,8	7	5482		410,3; 434,3
6,7	6,6	7	5483		410,3; 434,3
7,0	12,6	7	5484		410,3; 434,3
6,7	13,0	7	5485		410,3; 434,3
6,8	12,5	7	5486		410,4; 434,4
6,4	21,8	7	5487		410,5; 434,5
7,7	20,5	7	5488		410,4; 434,4
8,0	19,5	7	5489		410,3; 434,3
8,0	20,9	7	5490		410,3; 434,3
8,8	9,6	7	5491		410,4; 434,4
8,8	10,5	7	5492		410,2; 434,2
8,1	16,0	7	5493		410,2; 434,2
8,3	17,9	7	5494		410,3; 434,3
8,9	18,5	7	5495		410,4; 434,4
8,6	22,1	7	5496		410,5; 434,5
8,6	23,3	A87	5497		410,3; 434,3; Hε, η, δ, ι =1,0
9,4	8,4	7	5498		410,5; 434,5; Hε, η, δ, =1,0
9,1	13,4	7	5499		410,4; 434,4
9,9	13,8	7	5500		410,4; 434,4
9,3	16,6	7	5501		410,4; 434,4
9,4	19,8	7	5502		410,3; 434,3
10,6	17,4	7	5503		410,4; 434,4

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Plate B8901

V.	H.	Cel.	No. Rem.	Descrip.
10,1	17,9	7	5504	410.4; 434,4
10,6	18,3	7	5505	410.4; 434,4
10,5	22,7	7	5506	410.4; 434,4
11,2	6,2	7	5507	410.2; 434,2
11,1	6,3	7	5508	410,5; 434,5
11,7	9,4	7	5509	410.4; 434,4
11,2	14,0	7	5510	410.4; 434,4
11,1	16,6	7	5511	410.3; 434,3

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December 11, 1913

Plate B 8901

V.	H.	bl.	No. Rem.	Descrip.
11,4	19,7	7	5512	410,3; 434,3
11,3	20,1	7	5513	410,2; 434,3
11,8	21,5	7	5514	410,2; 434,2
11,3	22,9	7	5515	410,5; 434,5
11,5	24,4	7	5516	410,4; 434,4
12,7	6,0	7	5517	410,4; 434,4
12,3	8,6	7	5518	410,3; 434,3
12,5	17,7	7	5519	410,4; 434,4; Hζ & Hη = 1,0
12,3	8,8	7	5520	410,4; 434,4.
12,2	23,9	7	5521	410,2; 434,2.
12,8	11,8	7	5522	410,2; 434,2
13,6	15,1	7	5523	410,3; 434,3
14,2	8,0	7 8 9	5524	Hζ, η, δ = 1,0
14,6	9,6	7	5525	410,3; 434,3
14,7	21,5	7	5526	410,4; 434,4
14,9	12,5	7	5527	410,3; 434,3
14,9	19,1	7	5528	410,2; 434,2
14,7	23,7	7	5529	410,4; 434,4
15,2	6,4	7	5530	410,2; 434,2
15,2	17,0	7	5531	410,4; 434,3; Hζ, η, δ = 1,0
15,2	17,6	7	5532	410,4; 434,4
15,8	22,2	7	5533	410,2; 434,2
16,6	22,8	7	5534	410,4; 434,4
18,0	13,2	7	5535	410,3; 434,3
17,7	14,1	7	5536	410,3; 434,3
17,6	22,2	7 2 9	5537	Hζ, η, δ = 1,0
18,3	9,7	7	5538	410,3; 434,3
18,0	11,4	7	5539	410,2; 434,2
18,3	17,0	7	5540	410,3; 434,3

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Plate B8901

V.	H.	Cl.	No.	Rem.	Descrip.
18,5	18,8	7	5541		410,3; 434,3
18,7	19,5	7	5542		410,3; 434,3
18,5	22,1	7	5543		410,2; 434,2
18,7	22,6	7	5544		410,3; 434,3
18,8	23,7	7	5545		410,4; 434,4
18,1	23,8	7	5546		410,4; 434,4
19,3	17,4	7	5547		410,3; 434,3
19,9	18,8	7	5548		410,4; 434,4
20,7	12,6	7	5549		410,3; 434,3
20,9	16,4	7	5550		410,5; 434,5
21,9	13,9	A87	5551		$H\varepsilon, \eta$ & L K=10, 410,5; 434,5.
21,8	17,8	7	5552		410,3; 434,3
21,9	18,3	7	5553		410,3; 434,3
22,9	11,7	Rec.	5554		$H\beta, \gamma, \delta, \varepsilon, \zeta$ bw. 5003 bz. 4959, 4861
24,3	17,0	7	5555		410,4; 434,4

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Plate B 21372

V.	H.	bl.	No.	Rem.	Descrip.
5.7	12.3	7	5556		Hε, Hη, + δ = 1.0. 410,3; 430,3; 434,3
4.6	17.4	7	5557		410,4; 434,4
4.6	17.8	7	5558		410.2; 434.2
4.3	20.9	7	5559		410,4; 434,4
7.7	6.4	7	5560		410,2; 434,2
7.4	17.3	7	5561		410,3; 434,3
8.6	14.1	7	5562		410.3; 434,3
8.9	16.8	B5A	5563		Hβ 6,5 Hγ = .2; Hδ 5,5 ε = .2; δ 6.5 ε = .1.
8.2	19.5	7	5564		410.2; 434,2.
12.9	17.9	B8A	5565		Hβ 6 γ = .1; Hδ 6 ε = .1.
13.8	6.6	7	5566		410.3; 434,3
15.7	16.2	7	5567		410,6; 434,6
15.3	24.4	7	5568		410,5; 434,5
16.5	10.1	7	5569		410,3; 434,3
16.6	17.7	7	5570		410,4; 434,4
18.8	19.7	7	5571		410,5; 434,5
19.0	9.7	7	5572		410,3; 434,3
20.3	16.1	7	5573		410,3; 434,3
21.3	15.8.	7	5574		410,3; 434,3
22.9	5.7	7	5575		410,4; 434,4
23.6	18.2	7	5576		410,3; 434,3

Plate B 20576

5.1	8.7	7	5577	410,3; 434,3
6.8	12.5	7	5578	410,6; 434,6
6.3	13.1	7	5579	410,5; 434,5
5.7	23.6	7	5580	410,5; 434,5
9.0	16.0	A5	5581	410,7; 434,7
10.7	10.8	7	5582	410,4; 434,4

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Plate B 20516

	V.	H.	bl.	No. Rem.	Descrip.
June 2, 1904	11,2	18,4	7	5583	410,5; 434,5
	13,3	10,0	7	5584	410,5; 434,5
	14,9	6,3	7	5585	410,4; 434,4
	15,0	15,5	7	5586	410,4; 434,4
	18,2	6,8	7	5587	410,4; 434,4
	18,5	7,9	7	5588	410,3; 434,3
	18,9	11,6	7	5589	410,3; 434,3
	20,7	21,5	7	5590	410,4; 434,4
	20,8	21,7	7	5591	410,3; 410,3
	22,0	19,7	7	5592	410,4; 434,4
	22,0	23,4	7	5593	410,4; 434,4
	23,7	10,9	7	5594	410,5; 434,5

Plate B. 9064

4,8	21,2	B	5595	B6,5γ = 2·δ6ε=,2,η5θ=,4
6,8	7,8	7	5596	410,4; 434,4,
6,0	16,9	7	5597	410,4; 434,4
8,0	6,7	7	5598	410,2; 434,2
7,4	7,5	7	5599	410,4; 434,5; H5, η, δ=,0
7,6	9,3	7	5600	410,4; 434,4
7,0	20,9	7	5601	410,3; 434,3
8,4	8,8	7	5602	410,3; 434,3
9,3	6,7	7	5603	410,2; 434,2
9,7	8,3	7	5604	410,4; 434,4
9,6	15,7	7	5605	410,4; 434,4
11,0	13,1	7	5606	410,4; 434,4
10,8	16,2	7	5607	410,4; 434,4
11,7	7,7	7	5608	410,4; 434,4

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June 6, 1904

Plate B 9064

V.	H.	bl.	No. Rem.	Descrip.
12,4	7,3	7	5609	410,3; 434,3; $H\zeta, \eta, \theta, L, K = 1,0$.
13,4	15,3	7	5610	410,4; 434,4; $H\zeta = 1,0$
15,0	8,2	7	5611	410,5; 434,5.
14,2	20,1	7	5612	410,4; 434,4.
15,9	5,6	7	5613	410,5; 434,5
15,1	9,2	7	5614	410,3; 434,3.
18,0	10,8	7	5615	410,5; 434,5; $H\zeta, \eta, \theta, L, K, \lambda = 1,0$
19,0	16,1	7	5616	410,5; 434,5
19,3	9,5	7	5617	410,4; 434,4
19,5	24,4	7	5618	410,4; 434,4
22,9	12,5	7	5619	410,5; 434,5
23,4	16,5	7	5620	410,4; 434,4

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Plate B5895

V.	H.	Cel.	No.	Rem.	Descrip
45	22,7	7	5621		410,4; 434,4, Hδ, η, d, c = 1,0
6,7	12,3	7	5622		410,2; 434,2.
7,9	13,1	7	5623		410,6; 434,6. Hδ, η, d = 1,0
10,8	8,4	7	5624		410,5; 434,5
10,2	12,8	7	5625		410,2; 434,3
13,8	8,1	7	5626		410,5; 434,5
14,4	21,7	7	5627		410,4; 434,4
16,9	19,4	7	5628		410,5; 434,5
19,1	24,7	7	5629		410,3; 434,3

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Plate B 10821

V.	H.	Cl.	No. Rem.	Descrip.
4,7	8,7	7	5630	410,2 · 434,2
4,5	12,3	7	5631	410,4; 434,4
7,9	8,8	7	5632	410,4. 434,4.
11,6	14,3	7	5633	410,4; 434,4
11,7	14,8	7	5634	410,5; 434,5.
15,0	9,6	7	5635	410,3; 434,3
14,8	10,2	B	5636	~~B7~~ 6,5 γ=,2; δ 6 ε=,3; ε 6 ζ=2;
14,6	12,7	7	5637	410,4; 434,4
14,3	14,7	7	5638	410,3 · 434,3.
14,2	16,8	7	5639	410,3; 434,3
16,4	11,1	A_{27}, Pec.	5640	Hβ 6,5 γ=,3;
21,5	14,8	7	5641	410,3. 434,3.
22,4	18,1	7	5642	410,4; 434,4

Plate B 10822

7,8	21,7	7	5643	410,4; 434,4
10,2	11,8	7	5644	410,5; 434,5
10,6	17,2	7	5645	410,4; 434,4
13,4	16,7	7	5646	410,3; 434,3
15,0	15,5	7	5647	410,4; 434,4
14,6	20,2	7	5648	410,3; 434,3
14,7	20,8	B	5649	Hβ 6,5 γ=,2; δ 6 ε=,3; η 6 θ=,3,
21,0	8,9	7	5650	410,4; 434,4
22,1	12,2	7	5651	410,5; 434,5
22,8	21,5	7	5652	410,4; 434,4

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Plate B17449.

V.	H.	bl.	No.	Rem.	Descrip.
4,9	15,1	7	5653		410.2; 434,2
5,7	18,0	7	5654		410,3; 434,3
4,8	21,8	7	5655		410,3; 434,3.
5,4	24,0	7	5656		410,4; 434,4.
6,3	14,9	7	5657		410,3; 434,3.
6,9	16,0	7	5658		410,4; 434,4
6,5	17,8	7	5659		410,3; 434,3
6,7	23,2	7	5660		410,4; 434,4
7,3	21,2	7	5661		410,4; 434,4
8,9	9,3	7	5662		410,3; 434,3.
9,0	18,0	7	5663		410,5; 434,5
8,8	20,5	7	5664		410,3; 434,3
9,6	6,7	7	5665		410,3; 434,3.
9,6	11,0	7	5666		410,3; 434,3
9,9	12,0	7	5667		410,4; 434,4
10,5	14,5	7	5668		410,5; 434,5.
10,2	15,9	7	5669		410,4; 434,4
10,9	16,4	7	5670		410,5; 434,5
10,8	24,2	7	5671		410,4; 434,4
11,8	16,0	7	5672		410,3; 434,3.
11,6	22,9	7	5673		410,5; 434,5
12,0	23,7	7	5674		410,5; 434,5.
12,9	17,6	7	5675		410,4; 434,4
12,7	19,0	7	5676		410,3; 434,3
13,8	15,4	7	5677		410,4; 434,4
13,8	21,3	7	5678		410,5; 434,5
14,5	8,3	7	5679		410,4; 434,4
14,5	12,1	7	5680		410,3; 434,3.
14,6	19,0	7	5681		410,4; 434,4.

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Plate B1744g.

α.	H.	bl.	No.	Rem.	Descrip.
14,7	20,4	7	5682		410,4; 434,4.
14,9	23,1	7	5683		410,4; 434,4
15,8	5,8	7	5684		410,4; 434,4.
15,4	7,0	7	5685		410,4; 434,4
15,0	9,5	7	5686		410,3; 434,3
17,3	13,7	7	5687		410,2; 434,3; Hδ, η, d = 1,0
17,1	18,5	7	5688		410,4; 434,4.
18,4	9,9	7	5689		410,4; 434,4
18,5	14,1	7	5690		410,4; 434,4
18,6	17,1	7	5691		410,5; 434,5; Hδ, η, d = 1,0
18,4	23,9	7	5692		410,5; 434,5.
19,5	8,6	7	5693		410,5; 434,5
19,8	14,9	7	5694		410,4; 434,4
19,5	16,2	15	5695		Hβ 6,5 γ=,2; δ 6 ε=.2
20,6	7,5	7	5696		410,4; 434,4.
20,8	13,9	7	5697		410,5; 434,5
20,7	14,6	7	5698		410,5; 434,5 Hδ, η, d=1,0
21,0	19,5	7	5699		410,4; 434,4
22,4	15,4	7	5700		410,5; 434,5

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Plate B 11050

V.	H.	bl.	No. Rem.	Descrip.
5,0	14,1	7	5701	410,4; 434,4
5,7	12,4	7	5702	410,2; 434,2
7,7	20,1	7	5703	410,3; 434,3
9,0	5,8	7	5704	410,4; 434,4; Hξ, η = 1,0
8,4	22,8	7	5705	410,5; 434,5
9,8	6,0	7	5706	410,2; 434,2
12,4	16,1	7	5707	410,2; 434,2
12,7	17,3	7	5708	410,3; 434,3
12,7	18,1	7	5709	410,5; 434,5
12,8	18,8	7	5710	410,3; 434,3
13,1	6,5	7	5711	410,3; 434,3
13,0	9,2	7	5712	410,4; 434,4
13,7	9,7	7	5713	410,5; 434,5
13,3	10,4	7	5714	410,4; 434,4
13,8	11,5	7	5715	410,5; 434,5
14,4	7,5	7	5716	410,4; 434,4
16,6	10,1	7	5717	410,5; 434,5; Hζ = 1,0
17,0	16,5	7	5718	410,5; 434,5
16,9	18,3	7	5719	410,3; 434,3.
18,2	7,6	7	5720	410,5; 434,5; Hξ, η = 1,0
18,1	20,7	7	5721	410,5; 434,5
19,2	16,9	7	5722	410,3; 434,3.
20,8	24,1	7	5723	410,5; 434,5
21,3	8,3	7	5724	410,4; 434,4
21,1	16,6	7	5725	410,4; 434,4; Hξ = 1,0
21,2	20,9	7	5726	410,5; 434,5; Hξ = 1,0
22,8	7,0	7	5727	410,3; 434,3.
22,5	15,4	7	5728	410,5; 434,5.

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Plate B6498

V.	H.	Cl.	No. Rem.	Descrip.
5,8	19,0	7n2g	5729	410,3; 430,3; 434,3
4,2	19,2	7	5730	410,2; 434,2
6,4	9,2	7	5731	410,2; 434,2; Hξ, =1,0
9,5	9,3	7	5732	410,4; 434,4; Hξ, η, δ=1,0
11,7	15,7	7	5733	410,2; 434,2
11,2	17,7	7	5734	410,3; 434,3.
11,6	20,0	7	5735	410,4; 434,4
11,6	22,0	7	5736	410,4; 434,4
12,8	20,6	7	5737	410,5; 434,5
14,5	16,0	7	5738	410,8; 434,8; Hξ=1,0.
14,4	18,9	7	5739	410,4; 434,4.
17,0	14,0	7	5740	410,7; 434,7; Hξ=1,0.
17,5	15,1	7	5741	410,3; 434,3
17,5	22,7	7	5742	410,4; 434,4
18,0	24,3	7	5743	410,4; 434,4
18,2	13,2	7	5744	410,3; 434,3
19,9	10,3	7	5745	410,4; 434,4
19,5	15,0	7	5746	410,5; 434,5; Hξ=1,0
19,1	19,6	7	5747	410,4; 434,4.
20,7	10,6	7	5748	410,7; 434,7; Hξ, η =1,0
20,9	11,6	7	5749	410,4; 434,4
20,8	16,0	7	5750	410,4; 434,4.
21,7	10,7	7	5751	410,4; 434,4
21,6	22,2	7	5752	410,3; 434,3
22,7	22,2	7	5753	410,5; 434,5.

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July 14, 1904.

Plate B33076

δ.	H.	bl.	No.	Rem.	Descrip.
6,7	13,5	7	5754		410,8 ; 434,8 ; Hζ = 10
15,0	17,1	7	5755		410,3 ; 434,3
14,2	21,2	7	5756		410,5 ; 434,5
14,5	22,1	7	5757		410,5 ; 434,5
15,4	18,4	7	5758		410,6 ; 434,6 ; Hζ, η = 1,0
18,6	15,8	7	5759		410,5 ; 434,5
19,7	9,3	7	5760		410,5 ; 434,5
20,9	20,2	7	5761		410,2 ; 434,2 ; Hζ, η, δ = 1,0

Plate B8582.

6,4	7,0	7	5762	410.8 ; 434,8 ; Hζ, η = 1,0
8,9	17,4	7	5763	410,3 ; 434,3
10,4	13,4	7	5764	410,3 ; 4343
10,5	18,4	7	5765	410,5 ; 434,5
10,8	24,0	7	5766	410,5 ; 434,5
11,5	13,3	7	5767	410,5 ; 434,5
11,8	19,6	7	5768	410,5 ; 434,5
11,4	21,8	7	5769	410,4 ; 434,4
12,8	16,4	7	5770	410,4 ; 434,4
12,7	22,5	7	5771	410,3 ; 434,3
13,9	22,1	7	5772	410,6 ; 434,6
14,5	16,3	7	5773	410,4 ; 434,4
15,7	23,0	7	5774	410,3 ; 434,3
16,5	5,7	7	5775	410,4 ; 4344
17,5	15,0	7	5776	410,4 ; 434,4
18,9	23,0	7	5777	410,5 ; 434,5
20,7	20,8	7	5778	410,5 ; 434,5
21,0	22,5	7	5779	410,5 ; 434,5
23,3	9,6	7	5780	410,4 ; 434,4
23,3	10,9	7	5781	410,4 ; 434,4
22,6	20,3	7	5782	410,5 ; 434,5

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July 18, 1904.

Plate B 19420

V.	H.	bl.	No. Rem.	Descrip:
6.1	19.6	7	5783	410.6; 434.6
7.1	10.4	7	5784	410.5; 434.5
8.8	13.6	7	5785	410.4; 434.4
10.5	7.5	7	5786	410.6; 434.6; Hδ, η = 1.0
11.7	12.1	7	5787	410.3; 434.3
12.4	17.5	7	5788	410.4; 434.4
13.2	17.4	7	5789	410.4; 434.4
14.6	13.4	7	5790	410.3; 434.3
15.6	13.2	7	5791	410.4; 434.4
15.1	23.9	7	5792	410.3; 434.3
16.5	14.6	7	5793	410.4; 434.4
17.6	16.3	7	5794	410.4; 434.4
18.6	16.2	7	5795	410.3; 434.3
18.9	17.5	7	5796	410.4; 434.4
18.2	22.0	7	5797	410.3; 434.3
19.9	18.7	7	5798	410.4; 434.4
20.0	22.9	7	5799	410.2; 434.2
20.6	5.6	7	5800	410.5; 434.5.
20.8	9.8	7	5801	410.3; 434.3
20.8	20.9	7	5802	410.3; 434.3
21.7	12.1	7	5803	410.4; 434.4
21.9	23.6	7	5804	410.4; 434.4
22.4	23.9	7	5805	410.4; 434.4

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