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Florence Cushman = F.C.

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May 8, 1934

N. gal. Pole

M7 8625

F.C.

1	3	K0
2	5	F2
3	7	F0
4	1	F8
5	1	F
6	2	g0
7	1	g5
8	3	K5
9	1	F5
10	1	F8
11	4	F5
12	3	K2
13	4	g0
14	2	g5
15	4	K0
16	1	K0
17	2	g5
18	1	g5
19		
20	1	K0
21	1	g0
22	1	F8
23	5	g0
24	6	F8
25	1	F8

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4

May 8, 1934

M7 8625

7.C.

26	1	g5
27	2	g0
28	5	F5
29	1	g
30	1	g0
31	5	F8
32	9	g5
33	5	F2
34	1	g5
35	8	g5
36	4	a2
37	3	F8
38	3	g0
39	1	g
40	4	K7
41	2	K7
42	1	K5
43	1	F8
44	4	g0
45	2	F8
46	5	K0
47	3	K5
48	7	K0
49	1	g5
50	1	g

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May 8, 1934

M7 8625

7. C.

51	1	K2
52	4	F2
53	9	A7
54	2	F5
55	5	F8
56	6	F2 F2
57	1	g
58	2	g0
59	4	K2
60	4	K0
61	7	K0
62	4	K2
63	1	F5
64	2	g0
65	6	m1
66	1	g
67	1	F8
68	2	g0
69	8	F0
70	1	F5
71	1	K
72	1	K
73	1	F2
74	3	g0
75	4	g5

65 24 + 25 - in A G Cat. Both evidently same type

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May 8, 1934

M7 8625

7.C.

76	2	g5
77	2	F8
78	8	F5
79	2	a2
80	1	g
81	3	F0
82	6	g5
83	1	K0
84	1	g
85	3	g0
86	6	g0
87	6	a7
88	1	K
89	2	K0
90	1	F2
91	2	g5
92	2	g0
93	4	F5
94	1	K0
95	4	F5
96	3	g0
97	4	K0
98	1	F2
99	2	g0
100	4	g5

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May 8, 1934

M7 8625

7.C.

101	7	F2
102	1	F8
103	1	G0
104	10	Br.
105		
106	1	K0
107	3	F8
108	3	K2
109	2	G0
110	6	F8
111	2	G0
112	3	F8
113	3	K0
114	2	K0
115	2	F8
116	3	K0
117	2	F8
118	1	K7
119	2	K5-
120	1	G5-
121	2	K2
122	4	G0
123	4	F5-
124	1	G5-
125-	1	K

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May 8, 1934

M7 ~~cg~~ 8625

7.C.

126	1	F8
127	5⁻	K2
128	4	g5⁻
129	1	F
130	10	Br.
131	4	F8
132	3	g0
133	3	g5⁻
134	7	g5⁻
135⁻	1	K0
136	2	K2
137	1	K7
138	1	K5⁻
139	2	g0
140	1	F8
141	5	F0
142	10	Br.
143	3	F2
144	1	g
145⁻	7	F5⁻
146	5	g5⁻
147	1	K0
148	2	K0
149	3	g5⁻
150	1	g0

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May 8, 1934

M 7 8625

7. C.

151	2	g_0	
152	1	F_8	
153	1	g	
154	1	g	
155	2	g_0	
156			
157	6	F_0	
158	6	F_2	
159	2	F_8	
160	1	K	
161	4	K_5	
162	1	F_8	
163	6	K_0	
164	2	g_5	
165	2	K_2	
166	1	g	
167	2	K_2	
168	10	Br.	double ?
169	5	F_2	
170	1	F_8	
171	5	K_7	
172	4	g_0	
173	6	F_5	
174	1	F_2	
175	1	K	

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May 8, 1934

M7 8625

7. c.

176	1	F5-
177	1	go
178	4	mo
179	3	go
180	5-	F8
181	2	go
182	5-	F8
183	1	K
184	1	g5-
185	3	g5-
186	3	Ko
187	4	g5-
188	5-	Ko
189	1	F5-
190	2	go
191	5-	go
192	2	g5-
193	4	g5-
194	2	F8
195	5-	F8
196	3	g5-
197	4	go
198	1	F8
199	7	g5-
200	3	go

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1934phae.proj.2277C

May 10, 1934

N 7 8625

F.C.

201	1	K0
202	4	K0
203	2	g0
204	1	K2
205	6	g5
206	1	K5
207	2	K0
208	3	K0
209	2	g0
210	6	F8
211	5	F8
211.2	5	F0
~~210~~		
213	2	F5
214	7	F5
215	1	K
216	7	F2
217	2	F0
218	2	g5
219	2	F8
220	3	g5
221	3	g0
222	2	F8
223	8	g0
224	2	F8
225	7	g5

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May 10, 1934

M7 8620'

F.C.

226	3	K2
227	2	g0
228	5-	g5-
229	1	g5-
230	6	g0
231	1	F2
232	6	F5-
233	2	F5-
234	4	F8
235'	7	M0
236	1	F8
237	2	K0
238	2	g0
239	5-	K0
240	2	g0
241	2	F8
242	2	F5-
243	1	g5-
244	3	g5-
245'	5-	F2
246	4	K0
247	1	K
248	6	F5-
249	4	g0
250	4	g5-

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May 10, 1934

M 7 8625

7. c.

251	8	F2
252	7	K0
253	1	g5
254	1	K0
255	5	F0
256	3	K0
257	4	g5
258	3	g0
259	4	K0
260	1	g0
261	2	g0
262	6	F8
263	8	K
264	2	g5
265	3	F5
266	1	F5
267	7	K0
268	9	F5
269	2	K7
270	6	F5
271	4	g0
272	4	F5
273	2	a2
274	3	K5
275	4	K0

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May 10, 1934

M7 8625

7. C.

276	2	K2
277	3	K0
278	4	K7
279	6	F8
280	2	F5-
281	4	g0
282	7	F8
283	4	g5-
284	2	g0
285	2	F0
286	6	K0
287	4	g5-
288	1	g5-
289	1	K0
290	8	g0
291	1	g0
292	2	F5-
293	5	g0
294	2	F5-
295	3	g5-
296	1	g0
297	4	a0
298	1	g0
299	3	F5-
300	2	g0

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May. 19, 1934

M7 8625

7.C.

301	3	g5⁻
302	4	g5⁻
303	6	g5⁻
304	3	K5⁻
305	6	K0
306	5	M1
307	4	g5⁻
308	7	F5⁻
309	1	K5⁻
310	1	K0
311	10	Bl.
312	5	F5⁻
313	2	K0
314	3	F5⁻
315	3	A5⁻
316	6	K0
317	2	g0
318	1	g5⁻
319	1	K
320	1	g0
321	3	g0
322	10	Bl.
323	4	M0
324	4	K0
325	6	K7

Hydrogen lines br?

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May 10, 1934

M7 g625

7.C.

326	3	F2
327	2	g5
328	1	g0
329	1	g5
330	1	F8
331	5	F8
332	3	g5
333	2	K0
334	4	K0
335	4	F5
336	1	F5
337	3	g0
338	1	F8
339	1	K
340	3	g5
341	5	F5
342	1	K
343	5	K0
344	4	F8
345	5	F8
346	2	K2
347	3	g5
348	5	g0
349	1	K2
350	1	F8

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1934phae.proj.2277c

May 10, 1934

M7 8625

F.C.

351	7	K0
352	4	K2
353	7	F0
354	3	K0
355	4	~~g~~ g0
356	4	K7
357	3	K2
358	1	K0
359	1	F8
360	2	g0
361	2	g0
362	1	g
363	4	M1
364	3	g5
365	1	g
366	1	g0
367	3	K2
368	1	g0
369	2	K2
370	3	g0
371	1	g5
372	1	g0
373	1	K
374	2	g0
375	1	g5

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May 10, 1934

M7 8625

7.C.

376	2	K0
377	1	g0
378	4	K·g0
379	1	g5
380	6	g0
381	2	g0
382	6	a3
383	2	K5
384	5	K0
385	7	g0
386	3	K0
387	4	K0
388	2	F8
389	4	K0
390	5	F0
391	3	F8
392	7	K5
393	2	K0
394	3	K2
395	2	K0
396	2	g0
397	5	g0
398	2	K0
399	1	K5
400	6	F5

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October 30, 1934

On F8680
North Galactic Pole

Classification of stars originally classified in
J 3 5 5/6 with same numbering

J 3 5 5/6
Bk. 164, 30

	1	not on plates		
	2	" " "		
	3	" " "		
F8	4	3	F2	K slightly ft.
K0	5	3	F8	
K7	6	5	M0	
F8	7	4	F2	
G5-	8	3	G5-	
F5	9	5	F8	
F2	10	3	F0	
F5-	11	5-	F5-	
F2	12	4	F5-	
K2	13	3	K0	
K0	14	2 equally ft.	K0 K5	Confusion. K ft. H ft. comp
G5-	15	2	G5	
K2	16	3	K2	
F5-	17	4	F0	K slightly ft
F8	18	6	F8	
K2	19	3	K2	
K2	20	6	K2	
K5-	21	3	K0	No cyan. abs. dwarf?
K0	22	2	G0	Per. lines. Perhaps a C star
K5-	23	2	K5	
G5-	24	3	F8	Partly enf. on 25
K5-	25	3	K5	

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1934phae.proj.2277C

October 30, 1934

n 18580, mv. of 35916 cmt.

Al 164, p. 32

K5	26	3	K5	Ba lines?
K5-	27	1	K5	
G2	28	4	F2	
K0	29	3	K0	
K7	30	2	K7	
K0	31	4	K0	
G5-	32	2	K0	
G0	33	4	F8	
G0	34	5	G0	
M0	35	2	M0	
G5-	36	3	F8	

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1934phae.proj.2277c

Jan. 16, 1935

m 7 8597

7.C.

1	2	a7
2	2	F0
3	3	a0
4	2	a2
5	2	B9
6	3	a3
7	7	a0
8	2	F8
9	3	a7
10	3	a2
11	3	a0
12	7	a0
13	7	B9
14	3	a2
15	6	g0
16	5	B5
17	5	a7
18	2	a2
19	1	m
20	2	B5
21	2	a2
22	2	a2
23	3	F5
24	4	a2
25	3	m0

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Jan. 16, 1935

m 7 8597

F. C.

26	4	g_0
27	3	F_5
28	2	g_5
29	1	a_5
30	3	F_8
31	2	a_0
32	2	m_0
33	4	a_0
34	2	a_2
35	5	a_0
36	4	K_2
37	7	a_0
38	5	K_2
39	1	F_8
40	2	K_5
41	3	a_2
42	2	a
43	3	K_0
44	3	K_5
45	3	a_0
46	2	a_0
47	1	a_0
48	4	a_2
49	4	a_3
50	4	a_0

Pne. a brighter star.

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Jan. 16, 1935

M7 8597

7.C.

51	2	a5
52	4	g5
53	1	K7
54	1	F5
55	4	a0
56	3	g0
57	2	F8
58	2	a
59	4	B8
60	4	B8
61	1	K7
62	2	a2
63	1	g
64	2	B9
65	5	a0
66	4	B9
67	2	a3
68	1	a
69	4	g5
70	4	g5
71	2	a
72	2	g5
73	4	a0
74	5	a2
75	3	a0

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1934phae.proj.2277c

Jan. 16, 1935

m7 8597

7.C.

76	2	K2
77	4	a3
78	4	a5
79	2	K7
80	3	a0
81	2	F8
82	5	a0
83	3	a5
84	2	a0
85	5	K0
86	4	K2
87	6	a2
88	1	F5
89	6	a0
90	4	g0
91	3	a2
92	4	F5
93	3	a0
94	4	a3
95	1	F
96	1	a
97	3	a3
98	4	a0
99	2	a0
100	2	B9

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1934phae.proj.22770

Jan. 18, 1935

M7 8098

F. C.

1	3	a_0
2	2	K_7
3	5	a_0
4	2	F_0
5	5	a_0
6	2	F_0
7	2	g_5
8	3	F_2
9	1	m_2
10	3	a_0
11	2	K_5
12	2	a_2
13	3	a_0
14	1	F_5
15	1	F
16	1	K
17	1	K_7
18	2	K_5
19	4	a_0
20	3	a_3
21	3	g_5
22	2	K_7
23	2	$K_0 a_0$ (Many no. fuith classifiés)
24	1	K_7
25	1	a_3

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1934phae.proj.22770

I 27465

Feb. 1, 1935

1							Not in Dm.
2	+10°	4038	19h	38.8	+10°	48′	9.5
3	+10	4039	19	38.8	+10	53	9.4
4							Not in Dm.
5	+10	4042	19	39.2	+10	59	9.4
6	+10	4044	19	39.5	+10	59	9.5
7							Not in Dm.
8	+10	4049	19	40.2	+10″	0	9.5
9							Not in Dm.
10	+11°	3986	19	40.5	+11	1	9.5
11	+10	4050	19	40.6	+10	53	9.4
12							Not in Dm.
13	+10	4053	19	40.9	+10	22	9.5
14							Not in Dm.
15							Not in Dm.
16							Not in Dm.
17							Not in Dm.
18							Not in Dm.
19	+10	4055	19	41.1	+10	57	9.5
20							Not in Dm.
21							Not in Dm.
22	+10	4057	19	41.5	+10	56	9.5
23							Not in Dm.
24							Not in Dm.
25							Not in Dm.

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1934phae.proj.22770

52

Jan. 18, 1935

m7 8098

7.C.

26	2	m0
27	4	g5
28	6	F5
29	3	K5
30	1	a0
31	6	a0
32	3	m0
33	1	K7
34	2	K7
35	6	F2
36	3	a7
37	2	a3
38	5	K7
39	1	a
40	6	K2
41	7	a0
42	1	g5
43	2	F8
44	2	g5
45	3	K7
46	4	a2
47	5	a0
48	1	m0
49	4	K7
50	6	K7

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1934phae.proj.22770

I 27465

Feb. 1, 1935

26	+10°	4060	19h	41.9	+10°	41′	9.5	
27								hot in Dm.
28	+10	4058	19	41.6	+10	20	7.0	
29								hot in Dm.
30								hot in Dm.
31	+10	4061	19	42.2	+10	12	8.8	
32	+10	4063	19	42.4	+10	18	9.5	
33								hot in Dm.
34								hot in Dm.
35	+10	4062	19	42.2	+10	42	8.8	
36								hot in Dm.
37	+11°	3998	19	42.1	+11	5	9.5	
38	+10	4064	19	42.6	+10	59	9.2	
39								hot in Dm.
40	+10	4065	19	42.9	+10	52	8.0	
41	+10	4066	19	42.9	+10	36	8.5	
42								hot in Dm.
43								hot in Dm.
44								hot in Dm.
45	+10	4067	19	43.3	+10	16	9.4	
46	+10	4069	19	43.5	+10	34	9.5	
47	+10	4071	19	43.6	+10	44	9.5	
48								hot in Dm.
49	+10	4068	19	43.3	+11	0	9.2	
50	+10	4070	19	43.6	+10	53	8.4	

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1934phae.proj.2277C

Jan. 18, 1935

m7 8098.

7 C.

51	2	g_0
52	4	a_0
53	7	K_0
54	4	F_5^-
55	1	K_7
56	4	a_5^-
57	1	a_0
58	4	K_0
59	6	a_0
60	3	K_5
61	3	K_2
62	6	K_0
63	1	K_2
64	6	B9
65	3	K_0
66	3	K_7
67	1	K_5^-
68	2	m_0
69	4	g_0
70	2	K_5^-
71	3	g_5^-
72	4	F_0
73	5	F_0
74	4	$g k_2$ [Orig.] 4 = 2 Mins]
75	2	g_5^-

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1934phae.proj.22772

I 27465

Feb. 1, 1935

51								not in Dm.
52	+11°	4004	19h	43.3m	+11°	22′	9.4	~~not in Dm.~~
53	+11°	4003	19h	43.3m	+11°	25′	8.0	
54	+11	4005	19	43.5	+11	17	9.4	
55								not in Dm.
56	+11	4006	19	43.7	+11	25	9.5	
57								not in Dm.
58	+11	4009	19	43.8	+11	16	9.2	
59	+11	4007	19	43.8	+11	6	9.2	
60	+11	4008	19	43.8	+11	1	9.4	
61								not in Dm.
62	+11	4013	19	44.2	+11	2	8.9	
63								not in Dm.
64	+11	4012	19	44.2	+11	25	9.4	
65								not in Dm.
66	+11	4014	19	44.3	+11	15	9.5	
67	+10	4074	19	44.6	+10	59	9.5	either may be identif. as.
68								
69	+11	4015	19	44.6	+11	6	9.5	
70								not in Dm.
71								not in Dm.
72								not in Dm.
73	+10	4075	19	44.9	+10	17	9.4	
74	+9	4293	19	45.0	+9	53	9.5	
75								not in Dm.

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1934phae.proj.22770

Jan. 18, 1935

M 7 8098

7.C.

76	3	K0
77	3	A2
78	1	G0
79	8	G0
80	2	G5
81	3	G0
82	2	F8
83	3	F0
84	6	K5
85	3	K0
86	4	G5
87	1	K0
88	3	K0
89	2	F5
90	2	F8
91	3	F0
92	6	A2
93	7	A2
94	3	M0
95	1	F2
96	1	K5
97	3	K2
98	5	F8
99	3	G0
100	3	A2

The preceding 7 2

Superposed on #88.

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1934phae.proj.22772

I 27465

Feb. 1, 1935

76	+10°	4076	19h	45.3	+10°	34′	9.5	Exa in cat.?
77								Not in Dm.
78								Not in Dm.
79	+11	4018	19	45.2	+11	4	8.2	
80								Not in Dm.
81	+11	4022	19	45.4	+11	6	9.4	
82								Not in Dm.
83								Not in Dm.
84	+10	4077	19	45.5	+10	34	8.0	
85								Not in Dm.
86	+10	4080	19	46.0	+10	22	9.5	
87								Not in Dm.
88	+10	4078	19	45.9	+10	44	9.3	
89	+10	4079	19	45.9	+10	45	8.9	
90								Not in Dm.
91								Not in Dm.
92	+10	4081	19	46.2	+10	56	9.2	
93	+11	4027	19	46.2	+11	3	8.9	
94	+10	4084	19	46.6	+10	54	9.3	
95								Not in Dm.
96								Not in Dm.
97	+10	4082	19	46.3	+10	23	9.5	
98	+10	4083	19	46.4	+10	14	9.5	
99								Not in Dm.
100	+9	4308	19	46.9	+9	59	9.5	

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1934phae.proj.22770

Jan. 18, 1935

M7 2098

7.C.

101	2	K5
102	3	g5
103	2	g
104	1	K7
105	2	K7
106	6	a3
107	1	K5
108	4	K0
109	3	a5
110	1	K7
111	3	g0
112	5	a0
113	1	K5
114	6	a0
115	1	K0
116	7	g0
117	1	m
118	4	g5
119	4	a0
120	2	g5	much of 2
121	4	g0
122	4	a5
123	4	K0
124	1	K5
125	X2	a2

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1934phae.proj.22776

I 27465

101
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1934phae.proj.22770

M7 8098

Jan. 18, 1935

7.C.

126	5	F2
127	5	a2
128	3	a2
129	3	K0
130	7	B9
131	1	K7
132	5	K0
133	6	~~F2~~ a7 (Two stars originally marked)
134	1	K5
135	7	F2
136	3	F0
137	4	K0
138	1	K5
139	1	K0
140	1	F8
141	7	a0
142	5	F2
143	3	a5 S. ∫ 2.
144	2	K0
145	3	K0
146	1	K5
147	1	K7
148	1	g5
149	6	g0
150	4	a2

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1934phae.proj.22776

I 27465

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1934phae.proj.2277c

Jan. 18, 1935

M7 8098

7.C.

151	1	g	
152	1	K5	
153	5	a3	
154	1	F8	
155	1	K2	
156	3	F0	
157	3	g0	n. of 2
158	4	K0	
159	6	K0	
160	8	a2	
161	3	m0	
162	4	a0	
163	3	K5	
164	1	g	s. of 2 + rather far apart.
165	3	g0	
166	3	K0	
167	5	F2	
168	5	g5	
169	4	K0	
170	3	g0	
171	3	K2	
172	3	F8	
173	1	a3	
174	7	a2	Partly superposed on # 175. See M7 8597
175	8	a5	

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1934phae.proj.22770

I 27465

151
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1934phae.proj.2277c

M 7 8098

Jan. 18, 1935

7.C.

176	2	F0	
177	2	g5	
178	1	K5	
179	3	F8	
180	1	K7	
181	2	K2	
182	2	a3	
183	2	K0	
184	3	a7	
185	3	F2	
186	3	F5 p	Probably Composite.
187	3	F0	
188	2	a0	
189	7	g0	
190	2	g0	
191	3	K0	
192	3	g5	
193	6	a3	
194	1	K5	
195	4	a3	Partly superposed on #196.
196	4	a2	
197	3	a3	
198	4	K0	
199	1	K0	
200	3	F0	

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1934phae.proj.22770

I 27465

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1934phae.proj.2277C

Jan. 23, 1935

m7 8098

7.C.

201	1	g0	
202	1	m2	
203	4	g0	
204	3	m0	
205	3	g0	
206	4	a7	
207	4	g0	
208	3	F0	
209	1	K5	h. of 2.
210	4	m1	
211	5	F0	
212	4	F0	
213	4	a3	
214	2	K0	
215	3	a5	
216	2	K2	h. of 2.
217	2	a0	
218	2	a5	
219	8	B9	
220	4	F8	
221	3	m0	
222	5	K0	
223	4	a0	
224	4	K0	
225	1	g5	

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Jan. 23, 1935

M7 8098

7.C.

226	7	K0	
227	7	a7	
228	7	B8	
229	6	K0	
230	1	K0	
231	1	F2	S. of 2.
232	1	K5	
233	2	K5	
234	5	F0	
235	3	F2	
236	6	F2	
237	3	g5	
238	4	g0	
239	6	K0	
240	2	K2	
241	2	F0	
242	5	K0	
243	3	K2	
244	7	F0	
245	3	K0	Double.
246	1	K0	
247	9	Br.	
248	1	K7	
249	3	F5	
250	6	a3	

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1934phar.proj..227G

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1934phae.proj.22770

Jan. 23, 1935

M 7 8098

7.C.

251	5	a_0	
252	6	K_0	
253	3	F_2	
254	3	a_3	
255	1	F_8	
256	3	g_0	
257	3	a_7^5	Shows this present. See M 7 8095
258	6	~~F_2 K_2~~	
259	3	a_3	
260	1	a	
261	3	g^5	
262	4	K_0	
263	~~2~~	m_0	
264	2	F_8	
265	4	K_0	
266	1	K_2	
267	3	F_0	
268	1	F	Superposed on #267.
269	1	g_0	
270	1	F_0	
271	2	K_0	
272	1	F	
273	4	a_0	
274	5	a_3	
275	1	K_5	

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1934phae.proj..227F

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1934phae.proj.22770

M7 8098

Jan. 23, 1935

7.C.

276	1	F8
277	1	K5
278	3	K2
279	4	K0
280	5	K2
281	5	g5
282	1	g
283	3	m0
284	3	F5
285	4	g0
286	1	g5
287	2	F0
288	5	a2
289	5	g0
290	4	g0
291	1	a7
292	5	g0
293	4	F2
294	2	g0
295	3	m0
296	2	F0
297	2	K0
298	1	a7
299	3	m0
300	3	F8

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1934phae.proj.22710

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1934phae.proj.22770

Jan. 25, 1935

M7 8098

7.C.

301	3	a_0
302	1	K_5
303	2	F_8
304	2	g_5
305	3	F_8
306	2	a_3
307	3	K_0
308	3	g_0
309	2	F_5
310	3	a_3
311	4	a_5
312	1	a_2
313	2	F_2
314	4	a_0
315	4	F_0
316	1	K_7
317	1	a_5
318	1	K_5
319	3	F_0
320	7	a_0
321	5	g_5
322	1	m_0
323	9	Br.
324	4	a_2
325	2	m_1

Par. of 2.

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1934phae.proj.2277c

M 7 8098

Jan. 25, 1935

7.C.

326	2	m0
327	1	F2
328	6	K0
329	7	a0
330	4	a2
331	2	F0
332	7	g0
333	3	m0
334	2	F2
335	1	a
336	2	g5
337	2	a3
338	6	K2
339	1	K7
340	6	a2
341	7	a2
342	2	K5
343	1	a3
344	2	F5
345	2	a2
346	2	a3
347	3	a3
348	1	m0
349	3	a2
350	3	a3

fol. 72.

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Jan. 25, 1935

M7 8098

7.c,

351	1	F8
352	1	K0
353	1	m0
354	2	a0
355	3	a7
356	3	a0
357	2	F8
358	3	K0
359	5	a3
360	4	F5
361	3	F8
362	2	K7
363	2	K5
364	1	F5
365	1	K7
366	3	F5
367	3	F8
368	1	m
369	2	g0
370	2	F5
371	3	K2
372	2	F2
373	3	g0
374	2	a0
375	3	F8

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Jan. 25, 1935

m7 8098

7. C.

376	5	F0
377	3	a0
378	1	F2
379	1	a2
380	2	a2
381	3	a0
382	3	a
383	3	~~g K~~
384	4	K5
385	1	F8
386	2	m0
387	3	K7
388	2	g0
389	1	K5
390	2	F2
391	4	K2
392	5	a5
393	4	a0
394	3	g5
395	4	F5
396	3	a3
397	1	a5
398	1	K5
399	1	K0
400	3	g0

Partly superpos on #383.
seen best on 8095. Partly sup. on 382

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1934phae.proj.2277C

Jan. 28, 1935

n7 8098

7.C.

401	2	F0	
402	5	a2	
403	3	K0	
404	2	a5	
405	5	g0	
406	7	g0	
407	1	F0	
408	6	a2	
409	1	K0	
410	2	m0	
411	2	K2	
412	1	F5	
413	1	F2	
414	7	B9	
415	B3	A0 ~~g5~~	(Probable variable, see 410)
416	K6	F5 - ~~g5~~ g0	(Probable variable, see 416 chart.)
417	2	K2	
418	4	K2	
419	8	F8	
420	1	K7	
421	2	m0	
422	1	a5	
423	2	K7	
424	4	g5	
425	3	a0	

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Jan. 28, 1935

M7 8098

7.C.

426	1	a
427	1	K_5
428	8	a_0
429	7	K_0
430	5	K_2
431	7	K_5
432	1	g_0
433	4	g_5
434	7	a_0
435	1	K_5
436	3	a_7
437	1	F
438	3	a_2
439	1	K_7
440	5	a_7
441	4	K_0
442	1	a
443	1	m_0
444	1	F_8
445	1	K_0
446	3	a_5
447	1	a_3
448	8	F_0
449	7	g_0
450	4	F_0

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Jan. 28, 1935

M7 8098

7.C.

451	4	F2	Dr. of 2.
452	3	g0	
453	4	K5	
454	4	a0	
455	5	a2	Lines narrow.
456	3	F0	
457	1	F2	
458	4	a2	
459	1	a	
460	4	F5	
461	6	a3	
462	2	K0	
463	3	F2	
464	1	F5	
465	4	a5	
466	2	g5	
467	4	K0	
468	7	g0	
469	8	a0	
470	10	B2.	
471	5	K2	
472	3	a0	
473	1	a2	
474	1	K2	
475	1	a	

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Jan. 28, 1935

M 7 8098

7.C.

476	6	F0
477	2	F8
478	5	g5
479	3	a5
480	1	G0
481	2	m0
482 3	3	K0
483 6	6	a0
484 1	1	K5
485 1	1	g0
486 6	6	a2
490 8	8	F8
488 491	3	a2
489 492	1	K5
490 493	4	a3
491 494	4	K2
492 495	4	a2
493 496	1	K7
494 497	1	K0
495 498	5	a2
496 499	10	Bn.
497	3	F5
498	5	K2
499	2	F8
500	2	K0

(See M 7 8082)

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1934phae.proj.22770

Jan. 30, 1935

m7 8098

7.C.

501	4	m0
502	4	a2
503	5	m1
504	3	K0
505	2	m0
506	8	F0
507	5	a7
508	2	F8
509	1	g5
510	2	g0
511	2	K0
512	5	F8
513	2	K7
514	1	K5
515	1	K5
516	5	K2
517	1	a3
518	3	m0
519	1	F2
520	2	g5
521	1	m
522	6	F5
523	5	F2
524	5	a0
525	1	m0

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1934phae.proj.22775

I 27465

501
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1934phae.proj.22770

Jan. 30, 1935

m7 8098

T.C.

526	4	g0
527	3	F5
528	2	g5
529	3	K7
530	1	K5
531	4	K0
532	1	m
533	3	g5
534	3	K2
535	2	a5
536	2	K0
537	1	a3
538	2	K0
539	4	F5
540	5	K0
541	4	F0
542	1	K0
543	3	g0
544	1	g5
545	1	K7
546	6	K0
547	5	K0
548	1	F5
549	1	g
550	1	g5

n. nf 2

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1934phae.proj.22775

I 27465

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1934phae.proj.2277C

Jan. 30, 1935

M 7 8098

7.C.

551	1	F5
552	3	g5
553	3	F5
554	1	g0
555	5	K0
556	7	B9
557	5	m1
558	1	K7
559	3	a2
560	5	a2
561	2	K0
562	4	F2
563	1	K0
564	3	F6
565	6	a0
566	1	F0
567	3	F2
568	2	a7
569	1	a3
570	4	a0
571	4	a0
572	3	K5
573	2	K0
574	2	F0
575	4	K0

M. 92

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I 27465

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Jan. 30, 1935

M7 8098

7.C.

576	3	g5	
577	2	g0	f. of 2.
578	5	F5	
579	1	K5	
580	2	K0	
581	3	F2	
582	1	K7	
583	4	F8	
584	2	g0	
585	4	K2	
586	3	K0	
587	3	K2	
588	2	K5	
589	1	K7	h. of 2.
590	2	K0	
591	1	F8	
592	2	F2	
593	2	K5	
594	2	g0	
595	4	a3	
596	1	K5	
597	4	K0	
598	1	g0	h. of 2.
599	1	F8	f. of 2.
600	1	F5	

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1934phae.proj.22776

I 27465

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1934phae.proj.2277C

7
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Jan. 30, 1935

7.C.

601	6	A0	
602	6	F5	
603	2	K0	
604	7	A2	.4077 stang.
605	8	F0	
606	7	K0	
607	4	F5	
608	2	g0	
609	1	g0	
610	1	K5	
611	4	F0	
612	4	A2	
613	6	K0	
614	5	F0	
615	2	g0	
616	3	F0	
617	1	F2	
618	3	A2	
619	2	m0	
620	2	F0	
621	10	Br.	
622	9	g0	
623	2	K0	
624	1	K7 A2	
625	7	A2	

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Jan. 30, 1935

m 78098

7. c.

626	1	K0
627	4	B9
628	6	B9
629	2	g0
630	5	B9
631	2	K0
632	2	m0
633	3	g0
634	2	K5
635	3	g0
636	9	B2.
637	1	F8
638	1	F0
639	5	a7
640	2	g5
641	8	a5
642	8	B9
643	4	F2
644	2	a5
645	7	a0
646	3	m2
647	5	F5
648	5	K7
649	1	K7
650	4	a3

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M 7 8098

Jan. 30, 1935

7.c.

651	2	F2
652	5	a5
653	4	K2
654	8	F8
655	3	a5
656	2	F8
657	2	a7
658	3	g0
659	7	m0
660	4	F8
661	1	K0
662	5	F5
663	4	g0
664	2	K2
665	2	a0
666	2	g5
667	1	g
668	3	F8
669	10	Bn.
670	4	F0
671	1	a2
672	4	F2
673	1	F8
674	5	a5
675	2	K5

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Jan. 30, 1935

M7 8098

7.C.

676	1	K7
677	9	B8
678	2	K2
679	4	a3
680	6	F0
681	1	F5
682	5	a2
683	4	K5
684	1	K5
685	1	g5
686	5	K0
687	6	a2
688	9	K
689	1	K
690	1	F
691	1	K2
692	6	B8
693	3	F8
694	2	F0
695	2	K0
696	6	K0
697	8	a0
698	7	F0
699	6	B9
700	4	a2

Pne. of 2.

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Jan. 31, 1935

m7 8098

7.C.

701	4	a5	
702	6	F0	
703	5	F0	
704	1	g5	
705	1	F2	
706	4	a0	
707	1	a	
708	1	a	
709	7	K0	
710	2	F5	
711	2	g5	
712	3	a3	Partly superposed on # 713.
713	6	a2	
714	1	F8	Partly superposed on # 715.
715	3	M1	
716	4	K0	
717	2	F8	
718	1	g0	
719	3	a0	
720	10	Br.	
721	2	F5	
722	1	K5	
723	2	F2	
724	2	F0	
725	2	F8	

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Jan. 31, 1935

n7 8098

7.C.

726	3	a2
727	2	g0
728	2	F0
729	1	F5
730	~~3~~ 2	F0 ~~K0~~
731	3	K0
732	1	m0
733	5	K0
734	5	g5
735	5	F2
736	1	K7
737	1	K0
738	10	Bu.
739	4	a3
740	2	K5
741	4	K0
742	5	F0
743	3	K0
744	1	g5
745	3	K5
746	1	g0
747	1	K0
748	2	m0
749	3	g0
750	2	F0

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Jan. 31, 1935

m7 8098

7.C.

751	8	g0
752	3	F2
753	1	g
754	2	gK0
755	2	F5
756	2	F0
757	1	a3
758	2	g5
759	4	g0
760	1	F8
761	5	F0
762	7	g5
763	10	Br.
764	1	F0
765	2	K7
766	2	g0
767	1	F8
768	1	K7
769	4	a3
770	2	m0
771	2	m0
772	5	g5
773	5	a0
774	2	m0
775	7	a3

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Jan. 31, 1935

M7 8098

7. C.

776	5	a2
777	5	a3
778	2	a3
779	1	K0
780	2	a5
781	1	K7
782	9	m
783	1	K7
784	10	Br.
785	1	K
786	3	F8
787	5	a0
788	2	F5
789	1	m0
790	5	K0
791	1	K7
792	3	F8
793	2	K2
794	4	g5
795	1	a
796	1	g
797	5	a7
798	3	a5
799	4	F2
800	4	F2

Partly superposed on #796

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1934phae.proj.2277C

Jan. 31, 1935

M7

7.C.

801	6	g5
802	3	M0
803	10	Br.
804	1	F2
805	7	F0
806	1	g5
807	3	a3
808	1	F2
809	1	a7
810	7	F0
811	4	K5
812	1	g
813	4	F0
814	1	g5
815	3	K7
816	3	g0
817	3	a2
818	4	F2
819	5	F0
820	3	a2
821	3	K5
822	1	K2
823	1	K0
824	1	K5
825	2	g0

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1934phae.proj.22770

M7 8098

Jan. 31, 1935

7.C.

826	1	g5
827	4	F8
828	3	g0
829	4	F0
830	1	F5
831	3	a3
832	4	F2
833	1	g5
834	9	Bv.
835	5	a5
836	10	Bv.
837	3	F2
838	1	K7
839	2	a0
840	2	K7
841	2	K2
842	3	g0
843	1	g0
844	1	m0
845	1	F5
846	3	g5
847	1	K0
848	2	K5
849	3	g0
850	4	g0

(n. p. of 2.)

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1934phae.proj.2277c

Jan. 31, 1935

m7 80 98

7.c.

851	3	F5
852	1	a2
853	5	K0
854	1	K5
855	2	F5
856	2	K7
857	3	a2
858	1	K0
859	2	K5
860	1	g0
861	2	g5
862	1	K7
863	7	m1
864	1	F5
865	1	K2
866	5	K0
867	1	K0
868	1	F5
869	4	F2
870	2	K5
871	10	Var.
872	1	K5
873	1	g0
874	1	a5
875	1	g0

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1934phae.proj.22716

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1934phae.proj.22770

Jan. 31, 1930

M7 8098

7.c.

876	1	F8	
877	1	K2	h. ∫ 2
878	1	F2	
879	5	F0	
880	X 4	K0 K2	(no changed)
881	1	K0	
882	4	F0	
883	2	a	
884	1	g0	
885	1	F8	
886	5	K0	
887	2	F8	
888	4	g0	
889	3	a2	
890	1	g5	
891	1	F8	
892	4	F5	
893	2	a0	
894	1	g0	
895	1	g5	
896	2	g5	
897	1	K5	
898	4	a2	
899	1	F2	
900	4	a7	

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1934phae.proj.22710

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1934phae.proj.2277c

Feb. 1, 1935

M7 8098

7.c.

901	6	a_0
902	2	g_0
903	4	F_5
904	1	g_0
905	1	K_2
906	9	B_9
907	5	K_0
908	2	K_0
909	1	F_0
910	1	K_7
911	4	a_7
912	7	a_5
913	3	K_2
914	7	F_5
915	1	g_0
916	1	F_0
917	1	F_8
918	3	K_2
919	6	a_3
920	2	K_2
921	2	a_0
922	2	g_0
923	7	K_0
924	1	F_2
925	2	K_7

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Feb. 1, 1935

M7 8098

7.C.

926	1	F2
927	2	K0
928	1	a0
929	2	m0
930	1	K7
931	4	F0
932	1	K5
933	3	F0
934	5	g0
935	1	K2
936	3	a5
937	5	F0
938	1	K0
939	1	K5
940	1	F0
941	1	K0
942	1	K7
943	1	F5
944	1	g0
945	3	F5
946	1	g0
947	6	K0
948	1	K0
949	1	g0
950	1	g5

n. of 2.

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Feb. 1, 1935

M7 8098

7. C.

951	1	K2
952	2	F8
953	2	F2
954	1	g0
955	2	K2
956	1	a5
957	1	K7
958	1	K5
959	3	K0
960	2	K7
961	1	K7
962	3	F2
963	1	g5
964	3	a3
965	2	K5
966	3	a2
967	2	g0
968	7	B8
969	7	B9
970	5	K0
971	5	B3
972	1	a7
973	2	g0
974	2	a2
975	1	F0

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Feb. 1, 1935

M7 8098

F.C.

976	3	g5
977	4	a5
978	3	g5
979	2	a5
980	6	g5
981	7	K0
982	1	g0
983	1	g0
984	2	F2
985	3	K0
986	2	g0
987	2	g0
988	5	F2
989	2	K2
990	1	g0
991	5	a2
992	3	g5
993	4	a2
994	4	g0
995	1	K5 ~~g~~
996	1	g5
997	1	K7
998	5	B9
999	1	g5
1000	1	g0

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1934phar.proj..22..129

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Feb. 4, 1935

M7 8098

7.C.

1001	3	F2	Kline ft. Comp.?
1002	4	K0	
1003	1	F8	
1004	1	g0	
1005	3	F5	
1006	2	F8	
1007	1	K7	
1008	3	K5	
1009	7	F2	
1010	1	F5	
1011	8	a2	
1012	5	a0	
1013	2	m0	
1014	3	K0	
1015	5	K0	
1016	2	g0	
1017	5	a	Superposed on #1018.
1018	5	F0	
1019	1	F2	
1020	5	K0	
1021	1	K0	
1022	8	K0	
1023	8	a0	
1024	2	a5	
1025	3	a5	

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Feb. 4, 1935

m 7 8098

7.C.

1026	7	B9
1027	3	g0
1028	6	F0
1029	2	g0
1030	1	F8
1031	1	K2
1032	1	K7
1033	1	m0
1034	1	K0
1035	1	a3
1036	3	K0
1037	1	g
1038	3	a5
1039	5	F2
1040	4	K0
1041	8	F5
1042	6	F0
1043	6	K0
1044	1	F5
1045	3	K2
1046	6	K0
1047	7	K0
1048	2	K5
1049	1	g5
1050	10	Br.

Partly superposed on 1036.

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Feb. 4, 1935

M7 8098

F. C.

1051	3	a5
1052	5	g0
1053	5	F8
1054	1	a7
1055	4	a2
1056	5	g5
1057	2	g5
1058	4	F5
1059	2	m0
1060	4	g0
1061	2	F5
1062	5	a2
1063	2	a3
1064	4	K5
1065	4	g0
1066	1	F5
1067	4	a2
1068	4	K0
1069	3	a2
1070	3	a3
1071	3	g5
1072	1	a5
1073	3	F8
1074	3	g0
1075	4	F5

Superposed on br. star South. of 16663

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Feb. 4, 1935

M7 8098

7.C.

1076	2	F5
1077	4	~~B5~~ K0
1078	2	F8 K0
1079	2	F2 ~~K~~
1080	4	a5
1081	1	a
1082	3	K5
1083	1	K0
1084	2	K7
1085	2	F5
1086	2	g5
1087	3	K0
1088	7	a5
1089	1	g5
1090	1	F8
1091	2	m0
1092	10	Br.
1093	3	M+
1094	5	g5
1095	2	P
1096	2	F2
1097	5	a3
1098	2	a5
1099	4	K0
1100	7	g0

gas. Neb.

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M7 8098

7.C.

1101	1	g0
1102	6	F2
1103	2	F0
1104	5	F2
1105	4	K0
1106	8	a0
1107	3	K0
1108	2	g0
1109	4	F8
1110	1	m0
1111	1	K5
1112	2	g0
1113	4	g0
1114	3	K2
1115	1	F5
1116	6	F8
1117	1	g0
1118	1	a5
1119	2	F8
1120	2	a0
1121	4	g5
1122	3	a5
1123	5	K0
1124	1	K7
1125	4	K0

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M7 8098

7. C.

1126	3	A2
1127	2	G5
1128	2	G0
1129	1	M0
1130	2	F5
1131	2	K0
1132	1	K2
1133	5	F5
1134	5	F8
1135	4	F2
1136	3	K0
1137	3	K5
1138	3	F0
1139	9	K0
1140	3	K5
1141	3	G0
1142	9	A0
1143	2	F2
1144	1	K5
1145	2	K0
1146	1	K0
1147	2	K5
1148	5	K0
1149	1	K0
1150	5	F2

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M7 8098

7.C.

1151	1	K7
1152	1	M0
1153	1	F8
1154	3	g0
1155	6	F0
1156	2	g0
1157	6	g0
1158	2	K5
1159	1	F8
1160	5	a0
1161	6	F2
1162	6	F0
1163	2	M0
1164	4	g5
1165	1	g0
1166	1	K2
1167	2	a5
1168	8	B9
1169	4	a2
1170	3	F5
1171	1	F5
1172	1	g0
1173	1	K7
1174	2	K2
1175	4	F8

(See also 8084)

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144

Feb. 4, 1935

m7 8098

7.c.

1176	4	a3
1177	3	F2
1178	2	a3
1179	3	g0
1180	8	F5
1181	2	m0
1182	3	a2
1183	3	F0
1184	5	a7
1185	3	K2
1186	5	m0
1187	3	a2
1188	1	m
1189	1	K2
1190	2	K2
1191	3	g0
1192	2	K7
1193	5	a0
1194	3	F2
1195	3	F5
1196	5	a0
1197	3	a3
1198	4	F5
1199	1	K0
1200	4	F8

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Feb. 5, 1935

M7 8098

7.C.

1201	1	F8
1202	4	F5
1203	3	a2
1204	5	a0
1205	1	a
1206	2	m0
1207	1	g5
1208	3	F5
1209	4	F8
1210	3	K2
1211	1	g5
1212	1	K5
1213	1	K0
1214	5	g5
1215	7	F8
1216	5	a7
1217	2	K0
1218	1	K0
1219	2	m0
1220	1	K0
1221	6	F2
1222	5	g0
1223	1	F0
1224	9	g0
1225	9	g0

Partly superposed on 1224.

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Feb. 5, 1935

m7 8098

7.c.

1226	3	g_0
1227	10	m
1228	2	K_0
1229	1	F_8
1230	1	a
1231	4	g_0
1232	2	g_0
1233	3	g_5
1234	3	K_7
1235	1	K_2
1236	3	F_0
1237	5	F_2
1238	4	K_5
1239	4	F_2
1240	2	K_2
1241	8	a_0
1242	3	g_5
1243	2	F_0
1244	2	F_8
1245	2	K_5 Pw. of 2.
1246	1	F_2
1247	3	F_8
1248	3	K_5
1249	2	g_5
1250	3	g_0

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1024phe.prj.222.jo.ap4.201

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150

Feb. 5, 1935

m7 8098

7.c.

1251	10	Br.
1252	3	m0
1253	2	K2
1254	2	K0
1255	2	m1
1256	1	m0
1257	4	a2
1258	5	a2
1259	4	a2
1260	2	a3
1261	1	K0
1262	3	F5
1263	10	Br.
1264	1	K7
1265	2	m0
1266	1	F2
1267	2	a5
1268	2	g5
1269	4	F0
1270	4	K0
1271	6	G0
1272	2	K5
1273	3	g0
1274	10	Br.
1275	6	F5

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1934phae.proj.2277c

M7 8098

Feb. 5, 1935

7.6.

1276	5	F8
1277	1	m
1278	2	a3
1279	5	g0
1280	5	a3
1281	10	Bn.
1282	1	a
1283	4	a2
1284	3	F0
1285	1	K7
1286	5	g0
1287	3	K0
1288	4	K0
1289	1	K0
1290	3	K0
1291	1	K2
1292	3	F8
1293	3	g5
1294	1	F8
1295	2	F5
1296	1	g
1297	10	Bn.
1298	10	Bn.
1299	2	F5
1300	3	K0

S. J. R.

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~~7~~ Feb. 6, 1935

M 7 8098

7. c.

1301	2	a3
1302	5	K0
1303	6	K0
1304	1	a2
1305	2	g0
1306	1	K5
1307	2	g5
1308	1	m
1309	1	a0
1310	9	a0
1311	1	K7
1312	3	g5
1313	1	F0
1314	2	a0
1315	2	K5
1316	1	K0
1317	8	a0
1318	4	B9
1319	1	K2
1320	1	K7
1321	4	K5
1322	8	a0
1323	2	F2
1324	2	g0
1325	1	a2

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Feb. 5, 1935

M7 80q8

7.C.

1326	3	K5
1327	1	K0
1328	4	K2
1329	3	a0
1330	1	F0
1331	1	F2
1332	1	F8
1333	4	a3
1334	1	F0
1335	1	F0
1336	7	a3
1337	1	K7
1338	3	F0
1339	10	Br.
1340	3	a3
1341	3	F5
1342	1	m
1343	1	K0
1344	4	a0
1345	1	g5
1346	3	K0
1347	1	m
1348	3	K7
1349	1	a
1350	1	K5

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1924phar.proj..22276

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1934phae.proj.22770

Feb. 5, 1935

M 78098

7.c.

1351	2	M0
1352	3	A5
1353	1	G5
1354	1	F5
1355	9	F5
1356	4	G0
1357	5	F5
1358	6	K0
1359		
1360	1	F5
1361	5	K0
1362	6	A2
1363	3	A0
1364	3	A0
1365	1	A
1366	3	G5
1367	1	F2
1368	1	F5
1369	1	G5
1370	3	K0
1371	5	G5
1372	6	A2
1373	2	A
1374	3	K0
1375	4	K0

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Feb. 5, 1935

M 7 8098

7.c.

1376	2	g0
1377	1	g5
1378	7	K0
1379	1	g0
1380	1	K5
1381	7	a3
1382	2	g0
1383	5	a2
1384	3	F2
1385	1	a0
1386	4	K0
1387	5	a0
1388	3	a2
1389	5	g5
1390	2	a0
1391	1	m
1392	1	K2
1393	2	g0
1394	1	K0
1395	2	F8
1396	2	K7
1397	2	K2
1398	1	a5
1399	4	B9
1400	3	a0

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Feb. 6, 1935

M7 8098

7.C.

1401	2	a_0
1402	1	F0
1403	4	K0
1404	7	g_5
1405	6	g_5
1406	2	a_7
1407	1	K7
1408	2	K_2
1409	1	m_0
1410	5	a_0
1411	5	K0
1412	3	K0
1413	8	B9
1414	1	g_0
1415	1	a_5
1416	1	g_5
1417	1	K_5
1418	2	g_0
1419	4	K_2
1420	1	K0
1421	2	a_0
1422	1	a_3
1423	1	K_2
1424	1	g_0
1425	2	g_0

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Feb. 6, 1935

m7 8098

7.C.

1426	6	K_0
1427	1	F_8
1428	5	F_5
1429	1	a n. gz.
1430	1	F_5
1431	3	B9
1432	1	a
1433	1	g_5
1434	1	a_2
1435	2	K_5
1436	2	g_0
1437	2	a_5
1438	3	g_0
1439	1	K7
1440	1	g_0
1441	1	F_8
1442	2	B9
1443	3	K7
1444	1	K_0
1445	1	a_0
1446	1	F_5
1447	4	g_0
1448	1	K_2
1449	3	F_8
1450	2	F_8

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Feb. 6, 1935

M7 8098

7.C.

1451	4	B8
1452	1	K0
1453	1	F0
1454	1	m0
1455	9	K0
1456	1	K7
1457	7	a2
1458	1	F2
1459	2	g0
1460	5	a5
1461	1	K0
1462	3	F5
1463	2	a7
1464	6	F0
1465	2	g0
1466	2	a5
1467	3	g0
1468	1	F5
1469	1	g0
1470	1	F8
1471	3	g0
1472	2	m0
1473	4	a2
1474	1	g5
1475	2	F8

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Feb. 6, 1935

M7 8098

7.C.

1476	3	a7	
1477	1	F8	
1478	2	g0	
1479			
1480	2	F0	
1481	2	a2	Brighter than 1482
1482	1	a3	
1483	1	a	
1484	7	F8	
1485	3	g5	
1486	9	Br.	
1487	1	g0	
1488	4	a2	
1489	1	K0	
1490	3	F5	
1491	1	g	
1492	4	a	Superposed on 1495.
1493	2	F0	
1494	6	m1	
1495	5	g0	
1496	5	a2	
1497	3	a3	
1498	1	g5	
1499	2	g0	
1500	2	g0	

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Feb. 7, 1935

M7 80 98

7.C.

1501	1	K7
1502	5	a5
1503	3	a2
1504	2	K5
1505	1	K7
1506	4	a2
1507	3	F8
1508	5	F2
1509	3	a3
1510	4	a7
1511	6	g0
1512	6	F5
1513	4	K5
1514	2	a0
1515	1	K7
1516	1	g5
1517	1	K0
1518	4	g0
1519	4	F2
1520	3	g5
1521	1	F8
1522	7	a2
1523	2	K0
1524	1	K0
1525	2	F8

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Feb. 7, 1935

m 7 8098

7.c.

1526	1	g
1527	1	K2
1528	6	m0
1529	3	m1
1530	1	K5
1531	3	g0
1532	1	K5
1533	3	a5
1534	6	a0
1535	1	g5
1536	1	m0
1537	1	g0
1538	2	m0
1539	2	g5
1540	2	F8
1541	3	a2
1542	4	a0
1543	3	F5
1544	9	a2
1545	3	a2
1546	1	K2
1547	2	F5
1548	1	F0
1549	3	a3
1550	2	a0

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Feb. 7, 1935

M7 8098

7.C.

1551	2	K5	
1552	2	K7	
1553	4	B9	
1554	5	K0	Partly superposed on 1555.
1555	7	a3	
1556	7	K0	
1557	5	F0	
1558	7	g5	
1559	2	g0	
1560	1	g5	s. η 2
1561	2	a2	
1562	4	F8	
1563	1	K0	
1564	2	F0	
1565	4	A ~~B8~~	Fine lines due to close star at η.
1566	3	K5	
1567	1	K2	
1568	6	B9	
1569	2	a0	
1570	1	g0	
1571	1	g5	
1572	2	F8	
1573	6	B8	
1574	5	a5	
1575	4	K0	

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Feb. 7, 1935

M7 8098

F.C.

1576	2	K5
1577	2	K7
1578	3	K5
1579	2	K5
1580	5	F8
1581	1	K5
1582	1	K7
1583	2	g5
1584	4	F2
1585	5	K0
1586	4	g5
1587	5	F8
1588	1	K2
1589	1	g5
1590	7	K0
1591	1	g0
1592	2	K5
1593	5	g0
1594	2	F8
1595	1	K5
1596	2	F5
1597	4	a0
1598	2	g0
1599	1	K5
1600	5	F5

Partly superposed on 1578.

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Feb. 8, 1935

M7 8098

7.C.

1601	6	g0
1602	1	K2
1603	2	g0
1604	4	K2
1605	1	K0
1606	1	K2
1607	1	F2 ~~K0~~ ~~F. spec~~ (S. of 2. a blend. N. bri nucleus)
1608	3	K0
1609	2	F5
1610	4	F2
1611	1	g
1612	1	F0
1613	6	F8
1614	1	F2
1615	3	F0
1616	3	F5
1617	2	g0
1618	4	a2
1619	4	a0
1620	3	K2
1621	1	F2
1622	6	a7
1623	1	K5
1624	2	a5
1625	4	K0

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Feb. 8, 1935

M 7 8098

7.C.

1626	5	K0
1627	2	K7
1628	1	g5
1629	2	K5
1630	4	F0
1631	1	F0
1632	2	K2
1633	1	F8
1634	4	F2
1635	7	F0
1636	2	K7
1637	1	F0
1638	6	g0
1639	2	a2
1640	1	F5
1641	2	F8
1642	1	K0
1643	3	F5
1644	1	K5
1645	5	a0
1646	4	g0
1647	6	a2
1648	1	F8
1649	4	K0
1650	6	K0

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Feb. 8, 1935

m7 8098

7.C.

1651	4	F8	
1652	10	Gr.	
1653	1	G	n. of grp.
1654	1	K5	
1655	3	F0	
1656	5	F5	
1657	1	g0	
1658	5	F8	
1659	1	K7	
1660	2	g0	
1661	3	F5	
1662	3	K2	
1663	1	m0	
1664	1	K0	
1665	1	g0	
1666	1	g5	
1667	3	g5	
1668	7	g0	
1669	3	F8	
1670	2	m3	
1671	1	M3	Var?
1672	1	K2	
1673	5	a2	
1674	7	F0	
1675	1	m	

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Feb. 8, 1935

M7 8098

7.C.

1676	3	F5
1677	1	g0
1678	3	m0
1679	2	g0
1680	4	g5
1681	7	B3
1682	3	F8
1683	1	g5
1684	1	K7
1685	3	F5
1686	1	K7
1687	3	F8
1688	4	F5
1689	5	g5
1690	1	K0
1691	6	K0
1692	2	a0
1693	5	F5
1694	3	F0
1695	3	F5
1696	1	g
1697	B4	K2
1698	2	a3
1699	3	g0
1700	2	g0

h. of 2.

h. of 2.

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Feb. 12, 1935

m7 8098

7.C.

1701	6	K5⁻
1702	4	m0
1703	1	F8
1704	6	F5⁻
1705	1	K7
1706	7	m0
1707	5	a3
1708	2	K5⁻
1709	3	F5⁻
1710	1	F8
1711	2	g0
1712	1	m0
1713	4	m3
1714	4	a2
1715	3	g0
1716	9	Bv.
1717	1	F5⁻
1718	5	a0
1719	1	a
1720	1	K2
1721	3	g5⁻
1722	7	a3
1723	2	K5⁻
1724	2	a5⁻
1725	8	a0

strong lines.

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Feb. 12, 1935

M7 8098

7.C.

1726	1	F2
1727	3	K0
1728	1	g5
1729	2	F2
1730	3	g0
1731	1	g
1732	2	g0
1733	1	F8
1734	5	F5
1735	1	K7
1736	2	F8
1737	8	K0
1738	+5	A2 ~~mm~~ (Neg. 1738 is a blend q2)
1739	4	F0
1740	1	F5
1741	2	K2
1742	3	A3
1743	2	K5
1744	2	g0
1745	4	g5
1746	1	K0
1747	5	F8
1748	1	K5
1749	2	K0
1750	3	F8

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Feb. 12, 1935

m7 8098

F. C.

1751	3	K7
1752	1	K5
1753	1	K2
1754	7	a2
1755	3	K5
1756	1	F5
1757	4	g5
1758	5	a7
1759	1	K0
1760	5	F5
1761	4	K0
1762	3	F5
1763	2	g0
1764	4	K0
1765	2	K7
1766	3	K5
1767	5	g5
1768	2	F0
1769	1	K7
1770	4	F0
1771	4	a7
1772	1	F0
1773	3	g0
1774	2	g0
1775	1	m0

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1934phae.proj,2277c

Feb. 12, 1935

m 7 8098

7. C.

1776	6	K0
1777	1	g0
1778	3	g0
1779	3	K0
1780	3	a3
1781	8	B9
1782	2	g5
1783	1	K7
1784	3	g5
1785	1	F0
1786	2	a5
1787	5	F0
1788	3	K0
1789	3	F0
1790	1	K5
1791	1	g0
1792	1	a0
1793	5	a3
1794	2	g5
1795	2	g0
1796	3	K0
1797	3	a2
1798	2	F0
1799	3	m0
1800	2	K0

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Feb. 13, 1935

M7 8098

7.C.

1801	2	g0
1802	6	a0
1803	2	g5
1804	4'	a3
1805	6	a2
1806	5	a2
1807	1	g0
1808	2	a2
1809	4	K0
1810	7	a3
1811	3	K5
1812	1	g
1813	2	K2
1814	7	a2
1815	6	g0
1816	5	a5
1817	3	F5
1818	8	a5
1819	1	K5
1820	1	a7
1821	5	F5
1822	10	Br.
1823	2	F8
1824	1	g5
1825	2	K5

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Feb. 13, 1935

m7 8098

7.C.

1826	5	F0
1827	2	K0
1828	3	g5
1829	1	g0
1830	1	F8
1831	7	F5
1832	1	K5
1833	2	F8
1834	3	a5
1835	4	K0
1836	3	F5
1837	2	g0
1838	8	B9
1839	4	F0
1840	2	K0
1841	1	F5
1842	3	g0
1843	1	g0
1844	5	g0
1844a	2	a7
1845	1	g5
1846	1	K0
1847	3	K0
1848	2	K0
1849	4	B8
1850	2	K0

Pre. of 2.

Nearly on superposed on 1844.

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Feb. 13, 1935

m 7 8098

7.C.

1851	1	K7
1852	10	Br
1853	1	K2
1854	1	a5
1855	1	g5
1856	10	Br.
1857	1	F5
1858	1	K5
1859	1	F2
1860	3	g5
1861	5	K0
1862	2	a5
1863	6	K0
1864	3	F8
1865	6	F8
1866	3	K7
1867	2	a3
1868	3	a2
1869	1	g0
1870	4	a5
1871	10	Br.
1872	1	K5
1873	2	g0
1874	5	g0
1875	2	F2

N. nz.

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200

~~Feb~~ Feb. 13, 1935

M7 8098

7.C.

1876	4	K5
1877	7	F5
1878	7	F8
1879	1	F5
1880	1	K7
1881	4	K0
1882	3	K5
1883	2	F2
1884	2	F8
1885	9	F5
1886	2	K0
1887	1	K0
1888	1	K5
1889	2	F5
1890	3	F0
1891	10	Br.
1892	1	a3
1893	7	a2
1894	3	g0
1895	1	F0
1896	3	g0
1897	3	K0
1898	6	F8
1899	2	K2
1900	4	a5

Region betw. Hβ and Hγ like K or later. Composite?

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Feb. 14, 1935

M7 8098

F.C.

1901	4	K0
1902	2	F5
1903	2	K7
1904	5	F5
1905	2	g0
1906	2	a2
1907	1	K5
1908	1	g5
1909	1	a7
1910	2	F8
1911	4	a0
1912	3	a0
1913	2	F8
1914	2	K0
1915	3	a5
1916	3	K0
1917	4	K2
1918	6	a2
1919	4	a0
1920	1	K0
1921	2	a0
1922	2	a2
1923	3	K2
1924	1	a0
1925	1	F2

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Feb. 14, 1935

n7 8098

F.C.

1926	4	a0
1927	1	a3
1928	6	K0
1929	3	a2
1930	9	F5
1931	3	a2
1932	1	K7
1933	1	F8
1934	3	g0
1935	2	F8
1936	3	F5
1937	1	F0
1938	4	a0
1939	2	K2
1940	1	K2
1941	2	K5
1942	7	F8
1943	1	a4 (Auwers-Klein means)
1944	1	m0
1945	6	a0
1946	1	g5
1947	4	a3
1948	3	g5
1949	1	K7
1950	1	K5

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Feb. 14, 1935

M7 8098

F.C.

1951	2	F5
1952	3	g5
1953	1	m0
1954	1	K5
1955	3	a7
1956	3	a2
1957	3	F5
1958	5	K0
1959	5	a2
1960	1	m0
1961	3	a0
1962	2	m0
1963	3	a2
1964	3	K7
1965	2	a2
1966	1	g0
1967	1	a0
1968	3	a0
1969	3	a2
1970	1	g0
1971	2	F8
1972	1	g0
1973	1	a
1974	1	a
1975	3	a0

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M7 8098

7.C.

1976	3	K5
1977	6	F5
1978	1	K5
1979	9	a3
1980	3	m0
1981	3	a3
1982	2	K7
1983	6	K0
1984	6	K5
1985	3	K2
1986	3	g0
1987	1	K0
1988	1	a0
1989	5	F8
1990	1	a2
1991	3	a0
1992	2	K7
1993	1	m0
1994	1	K0
1995	5	a2
1996	2	g5
1997	4	K2
1998	2	m0
1999	1	A
~~2000~~	4	a0

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Feb 15, 1935

m+8098

F.C.

2001	1	F0
2002	5	a7
2003	7	a7
2003a	2	a0
2004	3	K5
2005	1	K2
2006	1	K0
2007	5	F0
2008	1	m0
2009	4	g0
2010	1	F8
2011	3	a0
2012		Omit. Completely superposed on 2d Frost S.
2013	1	m
2014	3	g5
2015	3	F0
2016	1	g5
2017	8	a0
2018	1	g0
2019	4	a2
2020	1	K0
2021	1	F8
2022	2	K7
2023	1	K5
2024	2	g0
2025	1	m

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Feb. 15, 1935

m7 8098

F.C.

2026	5	a_0	
2027	10	Bn	
2028	1	K_5^-	
2029	10	Bn.	
2030	10	Bn.	
2031	1	F_2	
2032	3	g_0	
2033	3	K_2	
2034	6	F_5^-	
2035	1	F_0	
2036	1	K_7	
2037	2	a_2	var.? a defect on chart plate?
2038	3	F_5-	
2039	1	a	
2040	1	g	
2041	2	K_2	
2042	7	g_0	
2043	10	Bn.	
2044	1	m	
2045	5	a_5	
2046	2	a_2	Preceding γ 2
2047	3	F_2	[Defective K]
2048	3	g_0	Lines narrow.
2049	7	a_0	
2050	6	F_8	

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1934phae.proj.22770

Feb. 15, 1935

M7 8098

F.C.

2051	1	K2	
2052	1	F	
2053	2	K0	
2054	6	B9	
2055	3	F0	
2056	1	K7	
2057	1	g0	
2058	1	K2	
2059	1	K7	
2060	2	K5	
2061	2	K7	
2062	5	F8 a2	Comp.
2063	1	m	
2064	4	F8	
2065	3	K0	
2066	9	a2	
2067	1	F2	
2068	1	g5	
2069	1	F0	
2070	1	K5	
2071	3	K5	
2072	3	F5	
2073	1	F2	
2074	1	K0	
2075	1	g5	

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Feb. 15, 1935

M7 8098

F.C.

2076	4	a2
2077	3	F0
2078	1	K0
2079	4	F2
2080	1	F0
2081	6	a3
2082	3	K2
2083	4	K5
2084	4 2	K7 g5 [Prij. 2084 = 2 close stars]
2085	3	K2
2086	1	F5
2087	3	F0
2088	1	a2
2089	2	G A star dup. at S
2090	10	Br.
2091	4	a2
2092	2	a5
2093	3	g0
2094	1	g S. 7 2
2095	4	F8
2096	3	a3
2097	1	F0
2098	2	a7
2099	2	m1
2100	3	g0 Cont. in Bk 196, pg. 2

all checked on Chart E.C.S

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