

Таблица 1

№	M_{p}	CI	S_p	№	M_{p}	CI	S_p
1	1381	091	MOI A7	25	1452	087	B ₅
2	1543	329		28	1340	074	B ₂
3	1469	105:		29	1502	338	MOI
4	1593	144		30	1471	109	
5	1560	123	31	1562	122		
6	1485	099	32	1546	115		
7	1406	080	33	1508	084		
8	1332	071	B ₅ V B ₂ V	35	1441	082:	
9	1566	135	36	1500	082:		
10	1355	067	B ₃	37	1302	072	B ₃ V
11	1413	068	B ₃	38	1324	081	B ₅
13	1351	070		39	1553	118	
14	1459	102:		40	1385	071	B ₅ V
15	1591		B ₂	41	1504	293	K7I
16	1336	081		42	1593	137	
17	1417	101		43	1449	073	B—A
18	1554	121		44	1506:	205:	
19	1435	105	K ₅ I	46	1431	119	
20	1354	256		47	1517	088	
21	1540	129		48	1483	083	A ₂
22	1544	095	B ₃ V	49	1467	072	
23	1380	083		51	1442	065	A0:
24	1576	111					

ЛИТЕРАТУРА

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2. А. Ф. Торонджадзе, Астрон. журн. 1958, 35, № 4, 547.
3. J. A. Russell, AJ, 1953, 58, № 4, 89.

СПЕКТРЫ ЗВЕЗД В ЧЕТЫРЕХ УЧАСТКАХ ДИФFUЗНЫХ
 ЭМИССИОННЫХ ТУМАННОСТЕЙ

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В статье [1] мы сообщали о начале работ по спектральной классификации звезд 12.5 зв. величины на основе спектров, получаемых с помощью 70-см предобъективной призмы и менискового телескопа Абастуманской обсерватории (дисперсия $166\text{Å}/\text{мм}$ около $H\gamma$ граница спектра с коротковолновой стороны — 3500Å). В той же статье подробно описана характеристика нашей системы спектральной классификации: критерии, точность, соотношения с другими системами и т. п. В работе [2] мы опубликовали каталог спектральных классов в трех участках Млечного Пути, вокруг *NGC 6604*, *NGC 6913* и *Tg 1*, исследованных нами в первую очередь, как содержащих в себе скопления [3, 4].

Настоящим мы публикуем каталог спектральных классов в четырех других участках, для которых характерным является наличие в них эмиссионных диффузных туманностей [3, 4].

Нижеследующая табличка содержит координаты центров рассматриваемых участков с указанием номера соответствующей диффузной туманности по Крымскому атласу Г. А. Шайна и В. Ф. Газе [5]. Площадь каждого участка круглая с диаметром $4^{\circ}50'$.

№ Эмисс. диф. тум. по Ат- ласу [5]	α_{1950}	δ_{1950}	l	b	Созвездие
31	$20^{\text{h}} 32^{\text{m}}$	$+46^{\circ}28'$	52.05	$+3.02$	Лебедь
32	20 28	$+43 58$	56.1	$+2.1$	"
33	20 44	$+41 11$	49.6	-1.9	"
37	21 10	$+59 48$	66.3	$+7.9$	Цefeй

Характеристика спектральной классификации звезд, включенных в настоящий каталог, а также замечания в отношении характеристик каталога, в частности — зв. величин, изложенные в работах [1, 2], остаются в силе и для данного случая.

В нижеследующей таблице дано описание негативного материала, легшего в основу каталога.

Каталог содержит 2310 звезд, распределенных по участкам следующим образом № 31 — 539, № 32 — 466, № 33 — 703, № 37 — 602.

Расположенные в перечисленных выше участках диффузные эмиссионные туманности малы по размерам и слабы по интенсивности.

№ Негатива	Дата	Сорт фотопластинки	№ области по [5]	Экспозиция в минутах
Спектральные снимки				
186	8.VIII.1956	Агфа Астро	31	120
192	11.VIII.	"	32	120
194	12.VIII.	"	33	120
267	29—30.IX	"	37	120
442	4—5.VII.1957	Кодак ОаО	31	40
474	30—31.VII.	"	33	33
475	"	"	32	32
480	31.VII.	"	37	38
483	1.VIII.	"	37	31
Прямые снимки				
542	23—24.VIII.1957.	Агфа Астро	31	4
543	"	"	32	4
544	"	"	33	4
548	24—25.VII.	"	37	4
549	"	"	Сев. пол. посл.	4
550	"	"	31	4
553	"	"	Сев. пол. посл.	4
554	"	"	37	4
556	"	"	Сев. пол. посл.	4
577	29—30.VIII	"	—	4
579	"	"	33	4

Уже это явилось указанием на малую вероятность нахождения в них О-ассоциаций. Впрочем, известны и такие случаи, когда в данном направлении отсутствует диффузная газовая туманность, но присутствует О-ассоциация (например, λ , ζ Персея). Поэтому и бедные газовыми туманностями участки следует исследовать с точки зрения изучения расположения в них ранних звезд. Однако, проведенная в Абастумани классификация звезд, представленная в нижеисследуемом каталоге, показала, что исследованные участки №№ 31, 32, 33, 37 (по [5]) весьма бедны звездами типа О-В2 (2—4 звезды в каждом участке) и они не могут содержать О-ассоциаций.

Сентябрь, 1961.

УЧАСТОК I (Лебедь; тум. 31 по [5])

+44°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	20 ^h 22 ^m 03 ^s	44°59'0"	10 ^m .31	A1	44°3451
2	22 18	47.3	10.07	A5	44 3456
3	22 30	54.7	11.56	G8	44 3458
4	23 42	58.9	11.31	F0	
5	24 19	50.7	11.46	B9	
6	24 21	56.2	10.56	F8	44 3462
7	24 33	45.4	11.03	F6	
8	25 03	19.8	—	A5	
9	25 24	35.6	10.75	B-A	44 3467
10	25 42	19.6	11.20	A2	
11	25 52	44.2	10.21	F2	44 3468
12	25 57	57.1	10.70	A1	
13	26 05	57.1	9.07	A3	44 3469
14	26 15	19.5	10.57	G8IV	43 3616
15	26 33	48.8	9.81	G8:	44 3474
16	26 44	35.3	11.31	B-A	
17	26 56	47.5	9.41	A1	44 3476
18	27 08	36.0	11.15	G5	44 3478
19	27 08	55.2	9.18	K5 II-III	44 3479
20	27 16	41.2	11.06	A1	
21	27 24	45.2	11.01	A0	
22	27 34	49.8	10.19	G5	44 3481
23	27 42	26.2	10.52	A3	44 3482
24	27 51	51.7	10.69	B9	
25	28 12	48.0	10.91	B8	
26	28 16	47.8	10.27	B9	
27	28 19	53.5	10.16	A1	44 3488
28	28 21	36.0	—	B8	
29	28 40	38.2	11.49	G2	
30	28 46	24.0	9.97	A0	44 3493
31	28 48	33.7	11.76	B9	
32	29 00	37.5	10.91	B3	
33	29 15	49.5	—	A3:	
34	29 35	15.0	10.70	A2	
35	29 42	42.0	11.23	A0	
36	29 48	55.5	9.84	A5	44 3496
37	29 52	36.0	10.31	A1	44 3497
38	29 52	20.0	9.51	A2	43 3037
39	30 20	36.28	11.55	K3	44 3501
40	30 27	25.5	12.26	K0:	
41	31 09	09.0	10.77	A5	43 3647
42	31 22	25.2	10.84	F0	
43	31 25	47.5	10.95	A7	
44	31 31	24.8	11.32	A0	
45	31 54	08.0	12.12	A5	
46	31 55	28.2	11.33	A5	
47	31 58	24.0	10.81	A1	
48	32 02	46.2	11.08	F6	
49	32 32	27.7	10.53	F2	
50	32 54	40.5	10.95	MoV	44 3510
51	33 15	43.8	10.54	B8	
52	33 29	46.5	9.82	G5 IV	44 3512
53	33 37	37.5	10.43	F2	44 3513
54	33 57	53.7	10.60	A5	44 3515
55	34 20	45.7	9.88	G8 III	44 3516
56	34 48	42.6	10.82	A1	
57	34 54	24.6	10.33	A3	44 3517

+44°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
58	20 ^h 34 ^m 57 ^s	44°07'5	11 ^m .19	G5	
59	35 02	55.0	10.27	B8	
60	35 20	54.4	11.53	A4	
61	35 29	45.0	10.91	A3	
62	35 37	22.5	9.69	G5 IV	44° 3521
63	35 54	53.8	—	K0:	44 3522
64	36 09	24.0	10.39	B9	
65	36 22	37.2	10 08	A0	
66	36 38	46.0	11.02	F2	
67	36 51	28.2	—	G8 V	44 3525
68	37 02	37.5	10.96	G0	
69	37 03	48.7	9.99	F0	44 3529
70	37 09	59.7	11.20	G0	
71	37 10	51.0	11.17	K2	44 3530
72	37 18	41.3	10.75	A2	
73	37 29	49.3	11.60	A1	
74	37 30	28.9	10.75	F2	44 3533
75	38 21	51.4	10.36	F2	44 3530
76	39 05	42.8	10.56	A3	44 3539
77	39 29	57.0	9.39	A2	44 3540
78	41 42	50.2	9.39	G8 IV	44 3555

+45°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	20 ^h 19 ^m 38 ^s	45°23'8	11.58:	G8 IV	
2	19 39	37.9	9.34:	A3	45 3150
3	19 57	24.7	11.04:	A0	
4	20 06	42.6	11.52:	B-A	
5	20 12	43.8	11.31:	B9	
6	20 36	27.5	11.67:	F0	
7	20 45	11.8	11.20:	F8	
8	20 57	19.6	10.43	G0	45 3157
9	21 13	43.6	10.44	F6	45 3159
10	21 16	51.7	—	F2	45 3160
11	21 32	28.8	8.79:	F0	45 3161
12	21 39	12.7	10.74	F6	
13	21 50	59.8	9.90	A5	45 3162
14	22 03	29.2	9.53	B9	45 3164
15	22 12	15.7	—	G2	44 3454
16	22 39	48.3	9.28	A3	45 3169
17	22 42	30.1	11.03	G8	
18	22 57	28.2	9.41	B9	45 3171
19	23 06	18.1	—	B5	45 3172
20	23 17	52.6	10.97	F2	
21	23 31	22.0	11.32	A1	
22	23 34	05.3	11.23	G0	
23	23 36	37.8	10 27	A2	
24	23 54	07.0	11.85	B8	45 3174
25	23 57	58.3	10 94	F2	
26	24 14	23.2	11.44	A2	
27	24 29	42.0	11.45:	G5	45 3177
28	24 33	15.0	9.77	K5 II	
29	24 57	21.4	—	A2	194862
30	25 07	37.5	10 90	G8:III	453180
31	25 32	31.5	9.54	K3 I	
32	25 47	38.8	9.65	A0	45 3185
33	26 12	28.0	11.07	A2	45 3187
34	26 15	36.7	10.46	A5	

+45°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
35	20 ^h 26 19	45°13.8	10 ^m .84	A1	
36	26 22	33.2	9.92	F6	45°3189
37	26 29	15.0	10.87	A2	
38	26 42	16.2	—	B9	44 3475
39	26 42	52.8	—	B8	
40	26 48	42.6	11.16	B8	
41	26 57	43.5	11.54	R9	
42	26 58	03.2	10.53	A0	44 3477
43	27 12	57.5	11.00	A4	
44	27 48	05.6	9.98	G5 V	44 3485
45	27 54	23.2	11.47	A4	
46	27 54	11.2	10.20	A1	
47	27 57	57.4	9.09	B5	45 3194
48	28 11	42.8	10.84	B9	
49	28 30	23.2	11.63	K2	45 3197
50	28 38	46.6	8.95:	A1	45 3198
51	28 40	51.0	9.93	G8 III	45 3199
52	28 44	33.7	10.73	F2	45 3200
53	28 54	36.0	10.50	G5 V	45 3200
54	29 13	01.0	10.89	A4	
55	29 15	15.0	10.49:	G5 III	44 3494
56	29 23	40.5	10.46	A3	
57	29 30	25.6	9.69	G5 III	45 3202
58	29 33	16.0	11.01	A5	
59	29 33	28.8	10.88	A1	
60	29 40	41.2	11.27	B8	
61	29 42	56.6	11.24	A0	
62	29 59	56.2	9.03	A1	45 3205
63	30 00	18.6	11.17	A2	
64	30 12	46.2	10.23	G5 IV	45 3208
65	30 17	18.5	11.39	A1	
66	30 21	01.9	9.82	F8	44 3500
67	30 42	52.0	10.79:	K7 III	45 3210
68	30 48	24.7	10.00	A7	45 3211
69	30 49	04.0	—	A0	
70	30 53	58.6	10.68	G0	
71	30 57	30.0	10.09	G5	45 3212
72	31 24	31.5	10.01	A1	
73	31 37	24.2	11.26	A3	
74	31 41	04.0	10.60	A0	44 3504
75	32 09	29.5	8.62:	B2	45 3216
76	32 31	34.0	10.79	B8	
77	32 40	10.2	11.01	A0	
78	32 45	34.5	10.86:	A0	
79	32 48	24.5	—	K2	45 3218
80	32 52	39.7	11.57	A5	
81	33 05	20.8	9.54	F0	45 3219
82	33 18	52.9	10.26	F2	45 3221
83	33 20	37.9	11.56	G-K	
84	33 24	19.3	11.23	B5:	
85	33 30	55.2	10.61	A2	45 3222
86	33 31	25.9	11.42	K2 III	
87	33 34	55.2	10.84	A1	45 3224
88	33 36	24.7	—	A0	
89	34 10	48.4	9.59	B8	45 3225
90	34 15	07.2	10.91	A2	

+45°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
91	20 ^h 34 ^m 24 ^s	45°21'4	11 ^m .59	F2:	
92	34 25	09.1	11.88	A0	
93	34 36	36.0	11.72:	B9	
94	34 43	24 0	11.73	G8:	
95	35 03	20.0	10.49	B8	
96	35 05	44.2	11.40	A1	
97	35 14	06.7	10.84	A5	
98	35 24	36.8	8.93:	B8	45°3229
99	35 26	12.0	9.91	F2	44 3520
100	35 33	27.8	11.20	K3 III	
101	35 36	22.2	11.82	A4	
102	35 52	54.0	11.24	B9	
103	35 54	47.5	11.61:	A2	
104	35 59	55.6	11.63	A7	
105	36 09	33.7	11.70	A3	
106	36 12	25.0	—	B9	
107	36 25	46.5	11.26	F2	
108	36 30	48.1	11.22	Go	
109	36 39	58.2	11.18	B9	
110	37 02	43.5	10.91	A0	
111	37 18	02.0	—	G8 V	44 3531
112	37 24	45.2	11.22	A2	
113	37 30	47.8	11.50:	A1	
114	37 36	48.0	10.91	B5 V	
115	37 51	22.5	10.71	F8	
116	37 54	05.2	10.94	K5 III	44 3535
117	38 06	36.0	9.23	K0 III	45 3234
118	38 12	55.5	11.55	G8	
119	38 20	03.7	10.57	Go	44 3537
120	38 24	54.2	10.60	Go	
121	38 44	44.7	10.79	F2	
122	38 50	55.0	11.80	A0	45 3236
123	39 18	56.2	10.74:	A5	
124	40 09	49.5	8.64:	B2 V	45 3242
125	40 11	55.6	11.25	B9	
126	40 13	10.6	9.30	Go	44 3545
127	40 15	16.0	10.09	A3	44 3546
128	40 16	37.0	10.28	A2	
129	40 43	48.7	11.33	B9	
130	40 48	43.0	9.47	B3 I	45 3246
131	41 02	09.5	—	F0	44 3549
132	41 19	05.2	12.54:	A2	44 3550
133	41 32	56.5	9.97	B9	45 3248
134	41 39	42.0	9.72:	F5	45 3249
135	41 48	21.4	10.40	B9	
136	41 52	18.8	11.59	A2	
137	42 04	04.8	10.14:	A5	44 3559
138	42 09	58.8	11.05	G5: V	45 3253
139	42 16	42.1	11.54	A7	
140	42 43	58.6	11.23	A0	
141	42 44	24.2	10.11	A0	45 3254
142	42 48	43.5	11.30	B9	
143	43 27	34.0	8.85:	B8	45 3256
144	43 30	49.9	11.40	F2	
145	43 36	46.8	11.70:	B9	
146	43 52	33.4	9.81:	A0	45 3259

+46°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	20 ^h 19 ^m 58 ^s	46°13'8	10 ^m .16	B9	
2	20 08	11.2	10.96	A7	
3	20 30	56.6	10.28	G8 III	46°2926
4	20 33	09.7	—	A2	45 3154
5	21 05	03.7	11.74	M2 III	45 3158
6	21 06	41.5	11.51	F8	
7	21 24	54.7	12.15	G8	
8	21 54	13.5	9.90	G8 III	45 3163
9	22 06	46.6	10.08	B8	
10	22 09	07.9	10.08	K5 I-II	45 3166
11	22 13	50.7	11.50	B9	
12	22 18	23.7	11.17	F2	
13	22 23	15.5	11.46	B8	
14	22 33	01.9	10.12	A1	45 3168
15	22 45	53.3	10.43	F6	46 2930
16	22 48	19.5	11.31	Go	
17	22 50	31.0	12.20:	M5	
18	22 54	07.0	9.08	F5	45 3170
19	23 00	49.2	11.02	B9	
20	23 09	23.3	—	B9	
21	23 12	53.1	11.17	G8 III	46 2931
22	23 24	01.6	8.71:	F2	45 3173
23	23 27	25.6	10.97	A2	
24	23 35	54.0	—	A1	46 2933
25	23 38	41.1	10.60	A7	
26	23 42	18.6	10.56	K0 III	45 3175
27	23 51	06.1	9.88	A2	45 3176
28	24 09	10.8	10.53	B8	
29	24 12	14.5	11.01	Go	
30	24 20	18.7	11.91	B8	
31	24 33	04.8	10.00	A0	
32	24 35	48.7	9.67	B9	46 2934
33	24 42	03.0	11.58	A1	
34	24 42	37.3	11.81	F6	
35	24 50	51.4	9.24	A0	46 2936
36	24 53	05.8	10.18	G5	45 3179
37	25 04	09.1	11.08	B9	
38	25 09	26.2	11.06	A7	
39	25 23	01.6	10.16	F0	45 3182
40	25 43	43.5	11.71	B8	
41	25 45	11.2	11.72	F8	
42	25 56	43.6	10.92	G2	46 2941
43	26 00	09.0	11.29	G8 IV	
44	26 03	34.2	11.19	G5	
45	26 05	15.3	10.59	F6	45 3188
46	26 08	56.2	11.91	A4	
47	26 15	43.3	11.74	A2	
48	26 17	09.8	10.73	F2	
49	26 33	30.7	—	A1	46 3038
50	26 39	09.2	10.19	B9	45 3190
51	26 49	35.7	11.62:	B8	
52	27 12	57.5	11.31	A5	
53	27 30	21.0	10.03	B3 III	46 2946
54	27 39	52.9	10.96	B8	
55	27 43	30.0	9.93	B3 III	46 2948
56	27 48	54.0	10.35:	A7	46 2950
57	28 09	22.3	11.24	A0	

+46°

№	α_{1950}	δ_{1950}	m_{pp}	Sp	HD BD
58	20 ^h 28 ^m 26 ^s	46°59'.8	10 ^m .52	G0	46°2951
59	28 37	10.6	11.22	A3	
60	28 42	24.0	10.15	A0	46 2952
61	29 11	10 5	9.80	B9	45 3201
62	29 12	37 0	10.05	G8 III	46 2956
63	29 17	23 5	11.39	G8	
64	29 39	33 4	9.03	B9	46 2960
65	29 42	11 0	10.75	F5	45 3204
66	29 43	43 4	9.64	F8	46 2961
67	29 54	59 5	10.60	G5 III	46 2962
68	30 00	59 0	10.01	B8	46 2963
69	30 05	09 4	10.30	G5 V	45 3207
70	30 11	26 5	11.63	F5	
71	30 18	51.7	11.49	B5	
72	30 24	30.8	12.15	K	
73	30 30	05.8	10.08	F8	45 3209
74	30 40	21.7	10.66	B9	
75	30 50	44.2	11.07	B9	
76	30 54	21 0	11.49	A0	
77	31 05	48.9	11.45	B9	
78	31 16	25.5	10.91	F8	19 6018
79	31 29	42.0	10.08	A7	46 2967
80	31 34	43.5	9.55	B9	46 2968
81	31 36	59.8	9.10	K2 III	196090
82	31 56	34.5	10.90	K2 III	46 2971
83	31 57	46.0	10.74	B9	
84	31 59	25.5	11.21	B8	
85	32 06	49.5	9.29	G5	46 2975
86	32 24	57.0	—	F2	
87	32 41	20.2	10.87	B8	
88	33 07	13.2	10.68	F2	45 3220
89	33 24	21.4	11.29	A0	
90	33 28	35.2	11.88	A7	
91	33 38	39.7	10.89	B9	
92	33 56	51.7	—	G8 III	46 2987
93	34 15	09.7	10.41	K3 II	45 3226
94	34 21	18.6	10.36	B8	45 3227
95	34 27	28.6	11.02	B9	
96	34 30	34.8	9.89	G2 IV	46 2988
97	34 36	58.5	10.53	A3	
98	34 38	06.6	9.91	A2	45 3228
99	34 39	19.8	11.07	B9	
100	34 49	57.4	10.78	B8	
101	34 54	52.8	9.98	F5	46 2990
102	35 02	20.5	—	A3	
103	35 12	01.6	10.74	F6	
104	35 26	52 0	11.12	A2	
105	35 38	59.2	—	F0	
106	33 49	43.2	11.28	B9	
107	35 51	08.2	10.88	G0	
108	36 01	37.4	11.36	B9	
109	36 05	29.2	9.41	B3 V	46 2991
110	36 17	59.8	9.69	A1	46 2992
111	36 21	04.0	9.67	B8	45 3231
112	36 30	38.5	10.70	K5 III	46 2994
113	36 43	23.0	10.02	B8	46 2995

+46°

№	α_{1950}	δ_{1950}	m_{pp}	Sp	HD BD
114	20 ^h 36 ^m 59 ^s	46°36'.4	9 ^m .78	A3	40°2997
115	37 17	04.5	10.91	A3	
116	37 22	39.0	11.79	M5 V	46 2998
117	37 33	36.1	10.29	B3 III	46 2499
118	37 45	56.5	11.25	F5	
119	37 54	19.5	11.95	A3	
120	38 00	54.7	11.92	K5	
121	38 16	49.8	10.44	A3	46 3002
122	38 29	16.5	11.36	A5	
123	38 29	42.7	11.03	F6	
124	38 30	39.6	11.25	F5	
125	38 44	21.7	11.30	B9	
126	38 45	45.0	10.16	G2	46 3007
127	38 53	34.5	10.76	B1 I	
128	38 59	16.3	11.29	A5	
129	39 04	53.1	11.12	K0 III	
130	39 06	12.3	10.70	B9	
131	39 06	45.1	11.14	B-A	
132	39 13	41.2	9.02	A1	46 3009
133	39 23	44.2	10.15	F2	46 3011
134	39 27	54.1	10.80	F6	46 3012
135	39 45	33.0	11.38	G0	
136	39 56	54.0	11.41	B8	
137	39 59	46.5	11.94	A0	
138	40 17	57.0	11.39	B-A	
139	40 22	41.5	11.16	G8 IV	46 3013
140	40 30	07.8	10.25	B9	45 3244
141	40 34	25.6	10.48	B5 V	46 3015
142	40 41	50.0	10.63	B5 IV	
143	40 42	18.0	10.73	F6	
144	40 54	56.6	9.84	B8	46 3018
145	40 57	23.2	10.37	K2 III	46 3017
146	41 02	15.0	10.39	B5	
147	41 13	53.5	—	F0	
148	41 35	36.3	10.99	B8	
149	41 39	22.5	10.41	B9	46 3022
150	42 00	56.8	10.22	A1	46 3024
151	42 02	39.7	10.46	F2	46 3026
152	42 03	28.5	10.89	B9	46 3025
153	42 07	48.3	10.54	A0	46 3028
154	42 08	38.5	10.98	F2	46 3029
155	42 20	19.7	12.39	B-A	
156	42 29	24.2	11.55	G5	46 3030
157	42 31	06.0	—	K0	
158	42 52	53.5	11.65	A3	
159	42 54	48.7	11.40	A0	46 3032
160	43 05	57.6	9.14	A4	46 3034
161	43 33	11.5	10.61	F0	
162	43 51	25.5	11.09	K2 II	46 3036
163	43 57	09.4	9.36	O-B0 I	45 3260
164	44 05	00.1	10.57	M3 III	197997
165	44 06	19.5	10.93	F5	45 3263
166	44 28	06.0	—	A3	45 3266
167	44 30	43.0	9.52	A3	46 3039
168	44 35	02.7	10.27	B3	45 3267
169	45 06	46.5	10.39	G0	46 3041
170	45 07	35.2	11.17	F0	
171	45 09	27.5	11.56	A5	46 3042
172	45 15	33.0	10.92	B5	46 3043

+47°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	20 ^h 20 ^m 14 ^s	47°02'.0	—	B9	
2	20 22	01.4	9 ^m .83:	F6	46°2924
3	20 27	04.6	10.74:	A2	46 2925
4	21 26	23.2	9 34:	G5 III	194301
5	21 36	03.0	12.09	G8	
6	21 41	19.4	10.41:	G8 III	47 3092
7	22 21	08.2	10.73	A2	46 2928
8	22 59	34.2	11.47:	B8	
9	23 27	27.7	11.57:	G5	
10	23 31	42.0	10.98:	G0	47 3102
11	23 36	16.5	10.27	F0	46 2932
12	24 05	31.0	11.30	B9	
13	24 24	28.5	9.80	G0	
14	24 27	14.9	10.14	A3	
15	24 43	40.8	11.08:	B8	
16	24 45	05.2	9.09	G5 IV	46 2935
17	24 53	21.1	10.01	G8 III	47 3109
18	25 02	14.2	9.63	B8	46 2937
19	25 18	42.5	10.60:	A5	
20	25 30	28.5	—	A2	47 3111
21	25 35	49.7	11.01:	G5	
22	25 39	14.9	10.94	K2 III	46 2939
23	25 40	04.5	10.97	F2	46 2938
24	25 43	10.5	11.07:	B9	
25	26 07	23.4	10.15	B8	
26	26 35	34.8	11.32	A3	
27	26 36	55.7	9.20	K3 III	47 3115
28	26 43	30.0	11.15	B8	
29	26 48	47.2	11.47:	K2 I	47 3116
30	26 53	07.0	11.38:	B9	
31	26 54	03.0	11.38	K0 III	46 2345
32	27 02	42.7	11.43	G2	
33	27 14	38.0	11.45	A2	
34	27 37	42.0	10.53	B9	47 3122
35	27 42	09.5	11.16	G8	46 2949
36	27 45	23.1	9.96	G8 III	47 3123
37	27 46	07.0	10.48	G2	
38	28 15	54.6	10.18	F8	47 3126
39	28 21	56.5	8.87:	B3	47 3127
40	28 24	19.8	9.98	A0	47 3128
41	28 43	30.0	11.67	A7	
42	28 55	41.2	9.10:	O-Bo	
43	28 57	21.8	11.77	B8	
44	29 08	03.5	10.22	F0	46 2955
45	29 08	44.5	—	A1	
46	29 16	42.0	11.55	A0	
47	29 21	07.6	10.31	F2	46 2957
48	29 38	21.7	10.89:	K0 III	47 3130
49	30 33	19.5	12.00:	B9	
50	30 36	19.3	11.47	A5	
51	30 37	46.6	—	B8	47 3133
52	30 38	34.3	10.98	F6	
53	30 51	06.0	11.13	B8	
54	30 53	20.2	11.88	A7	
55	31 00	48.8	11.56	B8	
56	31 15	34.0	10.49	A3	
57	31 26	51.0	11.21	A3	

+47°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
58	20 ^h 31 ^m 52 ^s	47°55'.8	11 ^m .37:	A5	
59	31 57	33.4	—	A3	
60	31 57	07.6	9.18:	A2	46° 2973
61	31 59	50.7	11.32	B8	
62	32 06	03.6	—	A3	
63	32 08	25.0	11.19	A1	
64	32 09	05.2	10.71	F0	
65	32 20	30.6	11.75:	A2	
66	32 23	22.3	10.27	F0	
67	32 26	53.2	9.32:	F2	47 3141
68	32 50	04.0	—	F	
69	33 04	01.9	11.78	B8	
70	33 08	28.5	11.66	B9	
71	33 19	53.5	11.01:	G5:	47 3143
72	33 24	09.0	9.65	B9	46 2985
73	33 36	13.8	10.80	F0	
74	33 38	58.5	10.69	A0	47 3142
75	34 00	34.8	10.56	B5	
76	34 08	50.2	9.75	G8	47 3145
77	34 15	52.8	10.28	G0	47 3146
78	34 21	19.1	11.78	A3	
79	34 30	40.5	10.97	B8	
80	34 48	07.9	9.41	K2 II	46 2989
81	35 04	17.4	11.07	B3:	
82	35 11	50.5	12.24	A1	
83	35 23	43.5	11.39	G0	
84	35 30	25.8	10.66	A2	
85	35 36	31.6	—	B3	47 3148
86	35 51	51.4	11.48:	G5 IV	
87	35 59	38.2	9.85	B9	47 3150
88	36 06	25.6	10.95	A3	
89	36 14	19.6	11.89	A1	
90	36 19	37.6	10.30	F5	
91	36 22	01.3	10.84	F0	
92	36 30	34.5	10.31	A2	
93	36 45	01.0	11.06	G8	46 2996
94	36 53	32.2	10.43:	B9	
95	36 58	20.0	11.97	A3	
96	37 11	19.6	12.15	A3	
97	37 12	51.7	10.99	A0	
98	37 17	53.2	11.94	A3	
99	37 18	15.6	11.69:	G5	
100	37 32	58.5	11.66:	A2	
101	37 33	03.4	11.78:	A5	
102	37 38	21.0	10.98	B8	
103	37 49	10.4	9.88	G0	46 3000
104	38 03	54.4	10.00	G5 III	47 3160
105	38 21	54.7	10.16:	Bo I	47 3162
106	38 21	24.7	10.00	B9	47 3161
107	38 29	00.4	9.75	B9	46 3005
108	38 45	07.5	9.61	B9	46 3006
109	38 45	30.7	9.24	A1	47 3163
110	38 58	27.0	10.27	B9	47 3164
111	39 08	07.0	11.42	A0	
112	39 11	33.6	—	B9	47 3165
113	39 19	17.2	10.83	F8 I	16 3010

+47°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
114	20 ^h 39 ^m 26 ^s	47°30'.1	11 ^m .51	F6	
115	39 42	48.1	10.98:	B ₅ III	
116	40 15	33.7	11.31	G5:	
117	40 19	22.5	10.57	B ₃ III	17°3168
118	40 22	07.0	10.87	B ₉	
119	40 52	30.0	10.66	F2	
120	41 10	43.5	10.91:	K ₂ II	17 3170
121	41 14	04.5	9.78	A ₅	46 3021
122	41 22	32.8	9.86:	B ₅	47 3172
123	41 31	24.7	12.47	K	47 3173
124	41 36	02.2	10.64	A ₂	
125	41 37	30.4	11.92:	A ₂	
126	41 51	14.2	10.41	B ₃ IV	46 3023
127	42 05	21.0	9.75	F8	47 3177
128	42 09	06.4	11.38	B ₈	
129	42 50	07.0	11.64:	K ₂	46 3031

+48°

1	20 ^h 29 ^m 18 ^s	48°04'.3	10.55:	A ₂	
2	29 53	05.2	10.72:	F6	
3	30 40	03.4	9.93:	F6	47 3134
4	31 00	16.3	10.53:	F6	47 3138
5	31 33	18.0	10.70:	B ₉	47 3140
6	31 33	06.0	11.44:	B ₉	
7	31 39	07.3	11.40	K ₂	47 3139
8	32 50	08.8	9.09:	A ₅	
9	33 09	19.3	10.95:	A ₇	
10	33 18	18.0	9.72:	A ₅	47 3144
11	36.29	06.4	—	B ₉	
12	36.32	02.8	11.25:	A ₀	
13	36.50	05.1	10.37:	G ₂	
14	37.05	06.5	10.55	A ₀	47 3156

УЧАСТОК II (Лебедь; тум. 32 по [5])

+41°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	20 ^h 22 ^m 49 ^s	41°52'.9	10 ^m .49	K ₅ I-II	41°3734
2	25 8	59.3	—	F8	41 3753
3	26 15	58.6	8.79	B ₈	41 3761
4	28 5	51.8	11.46	A ₇	
5	28 32	51.2	11.09	F ₂	
6	29 19	54.3	9.90	A ₄	41 3785
7	31 45	53.9	10.39	B ₉	41 3801
8	32 2	59.7	10.54	K ₀ III	41 3806
9	33 5	59.3	11.24	G	41 3812

+42°

1	20 ^h 17 ^m 30 ^s	42°43'.5	—	A ₂	42°3689
2	17 44	38.1	—	B ₈	42 3691
3	17 47	52.9	—	A ₀	
4	17 52	57.8	11.46	A	
5	18 32	57.9	11.02	G ₅	42 3698
6	18 34	27.3	—	A ₀	42 3699
7	19 00	24.5	—	A ₀	19 3838
8	19 27	46.9	11.54:	A ₃	
9	19 41	27.0	10.98	A ₂	42 3707
10	19 43	50.8	10.65	Go V	42 3708
11	19 45	25.7	11.05	K ₀ III	42 3709
12	19 50	57.0	11.53:	A ₇	
13	19 51	30.0	11.84	F ₀ :	
14	20 05	24.3	11.88	F ₂	
15	20 06	43.4	11.68	F ₅	
16	20 11	47.9	11.56	F ₂	
17	20 14	51.9	11.81	A ₅	
18	20 19	31.9	11.60	K ₇	42 3712
19	20 32	40.2	11.45	A ₀	
20	20 35	40.5	9 27	F ₀	42 3714
21	20 44	24.4	10.32	A ₀	42 3715
22	20 45	40.6	—	A ₅	
23	20 46	40.6	—	A ₅	
24	20 53	56.7	11.37	F ₂	
25	20 56	23.2	10.10	K ₃ II-III	42 3716
26	20 56	36.9	11.40	F ₀	
27	20 59	27.9	11.20	F ₅	42 3717
28	21 04	26.3	12.10	A ₂	
29	21 11	21.5	10.80	G ₅	42 3719
30	21 18	43.3	10.29	F ₀	42 3720
31	21 20	21.9	9.88	F ₈	42 3723
32	21 33	5.7	9.18	A ₁	41 3720
33	21 41	12.9	11.24	F ₂	41 3724
34	21 43	20.5	11.54	A ₃	
35	21 47	37.5	11.69	F ₂	42 3730
36	21 56	55.2	11.43	F ₂	
37	22 01	30.4	11.59	A ₁	
38	22 02	10.8	10.68:	M ₂ V:	41 3728
39	22 10	22.9	10.26	F ₅	42 3731
40	22 16	11.2	12.17	A 5	

+42°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
41	20 ^h 22 ^m 24	42°31'.2	10 ^m .69	K ₃ V	42° 3732
42	22 26	6.3	11.32	A ₅	
43	22 30	38.4	11.72	F ₂	
44	22 32	8.0	9.35	B ₃ V	41 3731
45	22 35	6.3	9.02	A ₀	41 3732
46	22 38	21.8	9.44	A ₀	42 3733
47	22 50	4.4	10.29	B ₉	41 3736
48	22 53	55.2	11.49	—	
49	22 58	38.0	11.33	A ₇	
50	23 02	13.3	8.85	A ₀	41 3737
51	23 05	48.0	11.14	M ₂ III	42 3736
52	23 16	22.6	11.15	A ₂	
53	23 21	9.6	10.82	B ₈	41 3738
54	23 23	58.0	11.21	F ₂	
55	23 32	18.4	10.44	B ₈	194708
56	23 32	57.0	11.42	K ₀	42 3739
57	23 33	38.7	11.73	A	
58	23 34	55.0	11.46	A ₇	
59	23 39	17.9	10.51	A ₃	41 3743
60	23 39	48.5	19.84	F ₂	
61	23 57	28.2	9.62	B ₀	42 3741
62	24 09	48.8	11.19	G ₂	
63	24 14	56.3	11.40	K ₃ III	42 3744
64	24 15	19.8	11.63	B ₉	
65	24 16	1.4	10.41	B ₈	42 3748
66	24 31	20.9	11.61	B ₈	
67	24 33	45.4	10.37	F ₅	42 3746
68	24 35	27.7	—	B ₀ V	42 3745
69	24 40	29.1	11.23	A ₅	
70	24 55	1.5	9.82	B ₈	41 3750
71	25 02	16.8	9.35	F ₆	41 3751
72	25 02	42.3	9.04	A ₁	42 3747
73	25 12	36.9	11.53	F ₀	
74	25 24	44.3	11.48	G ₅	
75	25 37	45.3	8.86	K ₂ II	42 3753
76	25 45	57.8	11.96	A ₀	
77	25 52	12.8	11.97	A ₂	
78	25 55	4.6	11.11	F ₂	
79	26 08	12.4	11.34	F ₀	
80	26 09	46.0	10.55	Go V	42 3755
81	26 31	39.1	10.48	B ₉	
82	26 32	15.8	11.27	B ₅ III	41 3762
83	26 42	35.9	11.08	A ₂	
84	26 58	59.3	10.55	B ₀ I	42 3760
85	26 59	21.9	9.91	B	
86	27 08	3.1	11.37	F ₀	
87	27 08	20.1	11.42	A ₇	
88	27 13	45.4	11.49	A ₂	
89	27 24	33.8	9.10	A ₀	42 3762
90	27 25	7.2	—	K ₀	
91	27 34	48.2	9.32	K ₀ III	
92	27 54	8.6	11.04	A ₂	
93	28 06	15.0	10.95	F ₀	41 3774
94	28 08	11.3	9.90	F ₅	41 3776
95	28 17	3.8	11.30	F ₈	41 3779
96	28 24	41.1	11.26	A ₁	
97	28 31	24.3	10.58	A ₂	42 3765

+42°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
98	20 ^h 28 ^m 36 ^s	42° 1'.3	9 ^m .76	A ₂	41°3780
99	28 38	47.9	10.88	A ₈	
100	28 40	8.1	10.73:	A ₅	41 3781
101	28 42	44.1	10.51	A ₄	42 3766
102	28 45	18.4	11.70	G ₅	
103	28 49	34.9	9.93	K ₀ III	42 3767
104	28 52	23.8	11.82	G ₂	
105	28 53	1.5	11.12	K ₇ II	
106	28 54	19.4	11.47	F ₂	41 3782
107	28 56	3.6	11.47	A ₂	
108	28 58	0.9	11.64	A ₂	
109	29 02	28.7	9.50	A ₀	195376
110	29 06	4.6	11.42	F ₆	
111	29 08	51.1	11.52	B ₉	
112	29 15	32.1	10.30	B ₈	
113	29 16	51.4	11.62	F ₂	
114	29 29	12.3	11.50	F-G	
115	29 33	24.8	10.26	A ₂ I	42 3771
116	29 34	41.9	9.84	A ₁	42 3772
117	29 45	21.0	—	M ₅ V	
118	29 46	44.3	10.78	F ₂	
119	29 48	59.2	—	F ₀	
120	29 53	17.1	11.80	A ₃	
121	29 54	41.8	—	A ₈	
122	30 02	35.7	9.99	A ₀	42 3773
123	30 08	10.7	10.74	F ₅	
124	30 17	48.0	11.81	K ₀	
125	30 35	31.2	11.24	K ₀ III	42 3776
126	31 05	11.3	—	K ₀ III	
127	31 07	26.3	11.34	A ₇	
128	31 08	32.5	12.54	B ₉	
129	31 10	13.2	9.31	A ₀	41 3800
130	31 11	21.3	11.37	F ₀	
131	31 23	39.0	10.26	A ₀	42 3779
132	31 34	25.5	9.80	B ₉	
133	31 47	47.4	11.78	A ₂	
134	31 56	0.2	11.61:	F ₂	
135	31 57	51.3	9.70	G ₅ IV	42 3783
136	32 08	25.9	10.20	G ₈ V	42 3784
137	32 10	26.2	12.68	B-A	
138	32 11	6.5	11.39	F ₅	
139	32 14	5.7	10.71	F ₂	
140	32 18	45.2	11.40	F ₀	
141	32 26	50.4	11.47	A ₅	
142	32 30	59.3	—	B ₈	
143	32 33	8.0	11.48	A ₁	
144	32 39	14.2	11.58	K ₅ V	
145	32 40	27.3	12.08	B ₈ :	
146	32 42	20.8	10.88	A ₈	
147	32 44	12.5	11.44	A ₀	
148	32 45	12.2	11.93	A ₃	
149	32 54	14.9	11.84	K ₂ III	
150	32 57	49.9	11.31	F ₅	
151	33 06	5.0	11.73	A ₁	
152	33 08	36.4	11.77:	K ₃	
153	33 18	12.1	11.33	K ₀	41 3815

+42°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
154	20 ^h 33 ^m 31	42°42'.3	9 ^m .98	B5	42°3792
155	33 32	40.4	9.92	G2:	41 3793
156	33 35	26.7	11.00	G2	
157	33 40	48.6	10.91	G5 IV	42 3794
158	33 54	44.6	12.17	A2	
159	34 01	13.8	11.51	K3 II	41 3819
160	34 06	21.6	11.78	G0:	
161	34 24	50.1	10.82	G2 V	42 3797
162	34 29	54.6	11.11	G2	
163	34 32	6.6	11.79	G0	
164	34 34	4.4	10.85	A2	41 3821
165	34 37	38.9	—	A1	
166	34 56	59.3	11.08	K2 IV	
167	35 03	46.1	12.00	A2	
168	35 08	15.1	10.78	F2	41 3827
169	35 14	57.9	11.36	A5	
170	35 14	36.0	10.12	K5 I	42 3800
171	35 27	44.4	11.18	G8 V	
172	35 30	9.3	10.84	F2	41 3830
173	35 34	39.3	10.24	F8	42 3801
174	35 34	27.4	10.89	A3	42 3802
175	35 44	22.8	9.86	G8 IV	42 3805
176	36 08	50.7	11.44	F8	42 3806
177	36 51	31.6	11.87	G	
178	36 55	4.5	10.42	A3	41 3839
179	37 02	30.5	11.54	A3	
180	37 08	15.2	11.73	A	
181	37 09	59.5	10.67	F2	42 3812
182	37 25	53.3	11.91	F0	
183	37 28	29.9	11.88	A7	
184	37 34	53.6	11.82	A3	
185	37 37	29.1	12.19	F-G	
186	38 08	57.8	11.44	B9	
187	38 10	14.3	11.56	F2	
188	38 16	44.1	11.12	F2	42 3817
189	38 24	44.3	10.56	F0	42 3819
190	38 26	26.9	9.94	F0	42 3820
191	38 33	22.4	10.96	A0	42 3822
192	38 51	31.7	11.41	A4	42 3825
193	38 53	58.7	11.39	F0	
194	38 59	41.9	10.31	F2	
195	39 03	48.9	11.67	G8	42 3826
196	39 25	40.1	10.72	G5 V	42 3828
197	39 29	58.5	12.22	B	
198	39 37	33.7	11.93	F2	
199	39 37	53.7	10.70	G8 IV	42 3829
200	39 45	38.1	11.62	A5	
201	39 49	44.1	11.98	F5	
202	39 53	55.5	10.65	A1	42 3830
203	39 59	57.8	10.89	A2	42 3832

+43°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	20 ^h 17 ^m 36 ^s	43°57'.8	10 ^m .68	B9	43°3565
2	18 08	7.5	9.68	F2	42 3695
3	18 10	37.3	11.59	G	
4	18 13	13.8	10.92	F8	42 3696
5	18 15	48.4	11.05	K7 III	43 3568
6	18 19	21.0	—	F0	
7	18 39	16.2	10.98	A5	42 3701
8	18 43	19.5	11.46	A7:	
9	19 21	20.5	11.47	A3	
10	19 24	30.8	8.98	A1	43 3573
11	19 29	57.3	10.64	A2	
12	19 35	36.5	10.46	B8	43 3574
13	19 38	1.2	9.55	A0	42 3706
14	19 42	45.0	10.35	F5	43 3577
15	19 42	6.5	—	G2	42 3710
16	19 46	5.5	11.52	K5	
17	19 46	33.5	11.06	A3	
18	19 49	50.7	10.25	G2 V	
19	19 54	11.5	11.35	F2	43 3578
20	19 54	58.4	—	G5 III	
21	20 17	15.8	10.72	A2	42 3713
22	20 24	37.2	9.84	A3	43 3580
23	20 33	39.4	11.24	G5 III	43 3583
24	20 36	26.9	10.65	G8 II	43 3584
25	20 37	12.2	11.76	A3	
26	20 39	37.5	12.04	B9	
27	20 42	29.3	10.92	K0 III	43 3585
28	20 46	55.9	11.35	A1	
29	20 50	26.7	10.44	G8 III	43 3586
30	20 55	34.3	11.22	G5 V	43 3587
31	20 56	22.2	9.77	F0	43 3588
32	21 13	2.3	10.30	G2	42 3722
33	21 15	24.6	11.82	B9	
34	21 20	4.9	11.40	A5	
35	21 21	26.0	11.85	A0	
36	21 25	55.4	11.32	G8	
37	21 53	42.5	11.44	G2	
38	22 04	20.7	10.80	F2	
39	22 05	12.8	11.50	K0	43 3593
40	22 09	48.3	11.14	A7	
41	22 11	46.1	11.48	F6	
42	22 19	58.2	11.61	A5	
43	22 21	6.3	10.91	A0:	
44	22 28	29.1	10.92	A5	43 3594
45	22 30	18.3	10.38	F8	43 3595
46	22 41	5.3	10.31	A0:	42 3734
47	23 02	10.1	10.04	A1	42 3735
48	23 14	7.5	9.52	A2	42 3738
49	23 16	18.0	11.82	G0	
50	23 25	29.2	11.84	G2	43 3596
51	23 26	28.5	11.84	B9	43 3596
52	23 30	36.9	10.08	A2	43 3597
53	23 33	45.4	—	A7	43 3598
54	23 34	45.5	—	A3:	
55	23 35	4.8	11.37	A4	
56	23 55	30.9	9.04	B8	43 3599
57	23 57	48.4	9.27	B8	43 3600

+43°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
58	20 ^h 24 ^m 13 ^s	43° 0'.8	11 ^m .57	G5	
59	24 19	51.9	11.47	A2	
60	24 22	3.4	11.54	Go	
61	24 27	18.0	10.68	K3 V	43° 3602
62	24 31	15.6	11.22	Go	
63	24 40	23.9	—	B8	
64	24 49	36.2	10.57	A2	43 3604
65	24 53	39.5	10.71	F8	43 3605
66	25 01	4.0	9.12	A5 I	42 3748
67	25 02	42.8	9.27	A5	43 3606
68	25 17	58.8	10.16	G5 IV	43 3608
69	25 29	19.0	10.15	A3	42 3751
70	25 39	6.9	11.41	G2	
71	25 44	56.4	10.97	A2	43 3610
72	25 45	30.5	11.55	G2	
73	25 48	3.1	11.62	A2	
74	25 48	20.1	—	G8	43 3611
75	25 59	27.1	10.62	G8 V	43 3613
76	26 00	18.5	10.32	F8	43 3614
77	26 01	59.3	10.20	Fo	43 3615
78	26 06	43.6	10.98	A1	
79	26 09	35.0	11.12	B5:	
80	26 16	48.7	11.08	K5 I-II	43 3617
81	26 32	14.8	9.18	B9	42 3757
82	26 38	42.6	11.67	F-G	
83	26 42	47.6	11.48	A3	
84	26 44	23.7	10.29	A3	
85	26 44	37.0	11.25	B9	
86	26 45	48.4	11.97	Fo	
87	26 48	32.3	11.60	A3	43 3619
88	26 52	53.2	10.89	B8	
89	26 59	15.0	11.32	B9	
90	26 59	0.9	11.62	A5	
91	27 03	19.8	11.73	A7	
92	27 11	7.7	9.94	G5 V	42 3761
93	27 12	52.1	11.54	A2	
94	27 17	4.9	11.22	F2	
95	27 24	37.7	11.37	F8	
96	27 24	18.9	11.51	F2	
97	27 31	6.4	11.13	F2	
98	27 35	33.2	11.97	K2	
99	27 59	16.7	11.84	A4	
100	28 01	33.6	11.46	Go	
101	28 13	16.2	9.36	G2	42 3764
102	28 16	37.7	10.18	B8	43 3625
103	28 20	49.6	10.44	B9	
104	28 37	50.4	10.98	A2	
105	28 45	42.5	11.03	Ko III	43 3628
106	28 49	32.2	11.26	Ao	
107	28 49	42.8	11.73	Ko	43 3629
108	28 55	36.6	11.82	A1	
109	28 56	22.4	11.38	B8	
110	29 06	18.8	11.64	Ko	
111	29 13	46.8	10.16	G2 V	43 3631
112	29 17	11.9	—	G2	
113	29 19	23.9	10.34	A7	43 3632

+43°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
114	20 ^h 29 ^m 29 ^s	43° 17'.8	10 ^m .41	B9	
115	29 32	41.9	12.73	A1	
116	29 37	57.0	12.06	F2	
117	29 38	0.8	11.56	A2	
118	29 40	34.3	11.02	A8	
119	29 43	37.5	11.76	G	43° 3633
120	29 44	37.8	12.08	G	43 3633
121	29 44	53.2	10.14	G8 III	
122	29 47	38.3	12.19	B9	43 3634
123	29 48	56.7	10.41	F5	
124	30 01	6.1	10.04	G8 IV	42 3774
125	30 10	56.4	9.51	G 8III	43 3638
126	30 15	42.0	11.04	A1	43 3641
127	30 21	35.8	10.70	F2	
128	30 24	44.9	11.99	K7 V	43 3642
129	30 25	53.4	11.42	G2	
	30 27	41.0	11.37	A1	
130					
131	30 31	19.6	—	F5	43 3644
132	30 32	33.2	10.25	F8	43 3643
133	30 38	36.4	10.40	Ko III	43 3645
134	30 41	11.8	11.52	F6	
135	30 46	38.5	11.83	A3	
136	30 50	13.1	11.30	G8	42 3777
137	30 56	40.9	11.63	F8	
138	31 04	53.5	12.01	K2	43 3646
139	31 18	48.2	11.44	A1	
140	31 22	54.0	10.68	G2 V	43 3649
141	31 28	58.2	9.93	A7	43 3650
142	31 39	35.8	10.32	A3	43 3652
143	31 41	3.0	9.88	G2 V:	42 3781
144	31 42	36.1	10.43	Ao	43 3653
145	31 54	48.9	11.13	WN5	
146	31 54	4.5	11.56	F5	
147	31 55	17.1	9.68	B9	42 3782
148	32 00	4.3	11.70	A1	
149	32 02	43.8	10.86	Fo	
150	32 08	20.9	10.40	F5	43 3656
151	32 10	3.5	11.42	A3	
152	32 14	23.3	11.65	Go	43 3654
153	32 17	41.3	10.79	F6	43 3657
154	32 20	59.3	10.98	K3 I-II	43 3658
155	32 23	39.8	10.95	G8 III:	43 3659
156	32 32	51.8	11.80	K	
157	32 32	16.5	9.50	F5	42 3785
158	32 42	28.8	12.09	K	
159	32 49	7.0	10.92	K2 I-II	42 3788
160	32 52	1.8	—	F2	
161	33 02	23.3	—	A1	43 3661
162	33 04	54.1	11.76	F2	
163	33 05	29.9	11.89	A2	
164	33 05	8.4	11.45	K3 III	195746
165	33 25	32.7	11.57	Fo	
166	33 39	12.0	10.74	F2	
167	33 44	31.8	12.04	F5	
168	33 52	18.0	10.75	G5 V	42 3795
169	34 04	19.7	12.13	G	
170	34 09	16.9	—	Ko V	42 3796

+43°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
171	20 ^h 34 ^m 14 ^s	43°57'0	12 ^m 02	A3	
172	34 23	18.5	11.53	G2	
173	34 26	51.0	10.06	G0	43°3 663
174	34 45	52.9	—	A	
175	34 51	21.3	10.73	F5	43 3665
176	34 57	9.4	9.25	B9	42 3798
177	35 03	32.1	11.58	F8	
178	35 35	38.5	—	Ko III	43 3668
179	35 36	53.3	10.38	B9	43 3669
180	35 49	38.2	—	F8	
181	35 49	19.0	11.80	G0	
182	36 05	57.9	11.14	A5	
183	36 12	13.5	9.27	A0	42 3808
184	36 36	18.0	12.02	K	42 3809
185	36 39	39.3	10.60	F2	
186	36 46	57.5	10.82	K3 III	43 3674
187	36 46	39.4	9.44	F2	43 3673
188	36 56	15.1	10.02	G8 III	42 3810
189	36 59	2.4	10.12	F0	42 3811
190	37 02	33.3	12.07	A:0:	
191	37 15	37.7	9.60	Ko III	43 3676
192	37 18	37.5	11.20	G2	
193	37 19	20.1	11.59	F2	
194	37 33	4.1	—	B9	42 3813
195	37 45	6.9	10.16	A2	42 3814
196	38 05	43.3	—	F6	
197	38 15	1.9	10.82	A5	42 3816
198	38 31	55.8	12.06	A	
199	38 37	12.8	9.03	A2	42 3824
200	38 54	12.8	11.40	A3	
201	38 59	32.3	10.73	A5	43 3679
202	38 59	10.1	—	G8 IV	42 3827
203	39 20	38.1	11.05	F0	43 3682
204	39 22	46.8	11.50	F2	
205	39 31	23.3	12.29	F0:	
206	39 31	3.1	11.51	G2:	
207	39 43	41.9	10.80	G5	43 3685
208	39 43	8.3	11.53	A5	

+44°

1	20 ^h 17 ^m 12 ^s	44° 3'.0	11 ^m 26	F2	
2	17 19	12.5	10.67	G2 V:	43 3564
3	17 14	46.5	—	G8	
4	17 25	12.7	11.34	G5 V	
5	17 33	5.9	11.56	F0	
6	17 44	24.8	11.85	A2	
7	18 17	9.9	10.32	A3	43 3569
8	18 20	24.3	11.20	F2	
9	18 33	25.6	11.71	A2	
10	18 40	11.8	11.32	A3	
11	18 40	23.4	10.35:	A1	44 3431
12	18 52	7.4	11.29	G8 IV	43 3572
13	19 8	39.6	11.02	F6	
14	19 18	27.0	9.66	Ko V	44 3436
15	19 42	40.5	9.94	F6	44 3437
16	19 50	7.2	11.30	A7	

+44°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
17	20 ^h 20 ^m 21 ^s	44°17'5	10.78	B8	
18	20 50	44.3	10.05	G5 IV	44 3443
19	20 59	0.8	11.70	F6	43 3589
20	21 3	17.5	11.55	F0	
21	21 4	28.5	10.24	F2	44 3444
22	21 12	38.6	9.59	B8	43 3591
23	21 15	14.9	9.92	A0	43 3590
24	21 17	4.9	12.25	M	43 3592
25	21 23	6.4	11.67	K3 I-II	
26	22 8	5.3	11.14	F5	
27	22 3	33.4	10.24	A3	
28	22 17	2.3	11.89	F2:	
29	22 44	23.3	—	B9	
30	23 36	4.5	11.06	A4	
31	23 56	1.5	11.58	B9	
32	24 16	24.9	11.11	A2	
33	24 27	14.8	11.26	F0	43 3603
34	24 59	3.3	11.08	F2	
35	25 35	19.2	10.51	A5	
36	25 54	1.8	11.55	K2	43 3612
37	31 8	4.3	10.65	A4	43 3647
38	31 51	6.9	12.00	A5	
39	32 24	3.6	10.53	Ko III	43 3660
40	32 20	6.8	11.82	F0	
41	33 48	2.1	12.35	G2	
42	35 00	6.5	11.05	G8 III	43 3666
43	35 33	6.7	10.58	A3	43 3667
44	36 01	9.7	10.60	G5 V	43 3670
45	38 34	2.9	11.57	K2	
46	39 00	1.4	11.93	G	93 3680

У Ч А С Т О К III (Лебедь; тум. 33 по [5])

+38°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	20 ^h 37 ^m 47 ^s	38°57'.8	—	A ₃	38 4180
2	38 39	58.5	—	A ₁	
3	38 42	55.2	—	A ₂	
4	39 48	55.5	10 ^m 03:	—	38 4194
5	42 21	56.9	11.37	F ₂	38 4212
6	44 26	55.2	11.30	B ₈	
7	44 27	54.2	11.94:	Fo:	
8	44 37	56.3	11.38	A ₁	
9	44 46	59.9	11.92	G ₈ IV	38 4230
10	45 40	58.2	11.65	F ₂	
11	45 57	59.3	10.90	A ₅	
12	46 01	59.9	11.77:	A ₂	

+39°

1	20 ^h 35 ^m 35 ^s	39°38'.0	9 ^m 89	K ₅ IV-V	39 4255
2	35 44	38.1	10.96	A ₁	39 4255
3	35 47	51.3	10.79:	G ₅ III	39 4256
4	36 00	45.5	11.33	G ₈ III	
5	36 04	44.8	12.35	A ₂	
6	36 05	56.3	11.37	F ₂	
7	36 09	54.3	11.45	F ₅	39 4258
8	36 19	37.3	11.47	F ₂	
9	36 36	29.3	10.43	A ₅	39 4262
10	36 36	53.1	11.58	K ₅ I	
11	36 38	59.3	9.69	B ₂ III	39 4263
12	36 40	55.4	10.10	B ₉	39 4265
13	36 50	50.4	12.00	A ₃ :	
14	37 11	26.9	11.34:	B ₈	39 4268
15	37 30	12.0	—	A ₄	
16	37 34	19.4	9.85	G ₈ IV	38 4178
17	37 37	51.8	11.78:	F-G	
18	37 41	51.5	11.23:	F ₆	
19	37 47	28.0	11.15	G ₅ :	39 4270
20	37 57	54.4	11.96	K ₂	
21	38 13	44.3	11.38	F ₂	
22	38 25	47.8	9.63	G ₅ V	
23	38 30	52.5	9.86	K ₂ III	39 4273
24	38 40	39.8	11.09	F ₂	
25	38 42	27.7	9.59	A ₁	39 4275
26	38 47	41.9	11.65	A ₅	
27	38 50	21.6	11.51	B ₉	
28	38 56	39.4	12.07:	K ₂ III	
29	39 03	50.9	11.58	F ₅	
30	39 12	58.8	11.02	G ₂ V	
31	39 25	8.8	—	—	
32	39 35	17.4	10.95:	A ₇	38 4189
33	39 38	24.2	10.90	G ₈ III	38 4193
34	39 42	39.3	11.03	F ₅	39 4278
35	39 46	5.0	10.21	F ₂	39 4279
36	39 51	8.3	11.47:	A ₀	
37	39 53	57.8	10.00	B ₉	38 4195
38	40 04	42.9	11.81	F ₂	
			10.73	F ₂	39 4282

+39°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
39	20 ^h 40 ^m 05 ^s	39°57'.6	11 ^m 49	G ₂	
40	40 16	19.3	11.48	Go:	
41	40 21	49.7	9.63	A ₀	39°4285
42	40 27	21.3	10.54	F ₆	39 4286
43	40 34	21.1	11.31	A ₀	
44	40 37	3.1	11.68	A ₅	
45	40 43	19.8	10.88	A ₅	38 4198
46	40 47	36.5	11.44	K ₃ I	39 4288
47	40 53	10.9	11.61	—	
48	40 53	38.1	11.47	F-G	
49	40 59	44.9	12.34:	A ₃	
50	40 59	34.2	11.86	—	
51	41 01	22.7	11.25	K ₀ II	39 4289
52	41 01	38.2	11.88	A ₀	
53	41 03	36.8	11.71	Go:	
54	41 06	3.4	11.79:	A ₅	
55	41 13	18.3	9.92	B ₉	38 4203
56	41 26	10.4	11.65	A ₀	
57	41 32	6.8	11.62	B ₈	
58	41 34	17.1	11.13	F ₀	
59	41 33	32.2	11.03:	K ₀ III	39 4292
60	41 33	49.5	—	Go	
61	41 42	16.3	11.68	F ₅	
62	41 51	56.9	11.11	F ₅	
63	41 55	20.1	11.33	F ₈	
64	41 55	8.4	11.65	B ₉	38 4199
65	41 57	38.5	9.32:	G ₈ III	39 4295
66	41 59	38.1	11.10	B-A	
67	42 01	54.2	11.82:	F ₂	
68	42 03	0.6	10.59:	B ₅ III	38 4209
69	42 09	21.0	11.28	B ₈	
70	42 09	34.1	10.93	G ₅ IV	
71	42 13	16.4	9.87	B ₅	38 4211
72	42 23	31.8	—	B ₉	39 4297
73	42 39	46.7	11.20	F ₂	
74	42 41	47.9	11.51	B-A	
75	43 00	22.5	11.71:	A ₂	
76	43 00	56.0	—	F ₂	
77	43 00	36.0	9.41	A ₀	39 4301
78	43 08	53.1	10.93	F ₆	
79	43 15	13.1	11.53	B ₈	
80	43 19	25.8	10.91:	A ₃	39 4304
81	43 19	43.6	10.56	A ₀	
82	43 23	45.5	11.79	A	
83	43 25	58.5	10.03	B ₉	39 4305
84	43 35	13.9	11.46	A ₂	
85	43 35	2.2	10.56	A ₅	38 4223
86	43 37	33.3	9.99:	A ₁	
87	43 37	20.2	11.58	F ₈	
88	43 39	4.5	11.83:	B ₉	
89	43 42	33.9	10.57:	K ₂ III	39 4306
90	43 42	20.1	11.01	G ₅ V:	38 4224
91	43 45	40.4	11.08	K ₂ III	
92	43 47	5.7	—	F ₂	
93	43 50	49.3	11.62:	B ₈	
94	43 51	20.9	11.12	A ₄	

+ 39°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
95	20 ^h 43 ^m 52 ^s *	39°17'.3	10 ^m .41	A3	38 4225
96	43 59	39.8	11.16	G5	
97	44 02	5.2	—	A4	
98	44 07	45.3	11.16:	K2 IV:	39 4309
99	44 11	48.8	11.12	K2 V	39 4310
100	44 24	1.0	11.55	A5	
101	44 26	59.3	10.92	K0	39 4311
102	44 26	5.0	11.56	G8	38 4228
103	44 29	53.3	11.87:	A0	
104	44 32	17.2	11.47	K5 III	38 4229
105	44 32	27.2	11.44	K7 V	
106	44 38	50.9	11.36	B9	
107	44 42	44.9	10.29	F5	39 4313
108	44 46	48.0	11.60	F5	
109	44 52	2.7	11.37	F5	
110	44 54	58.6	11.76	F	
111	44 55	15.7	10.98	A2	
112	44 59	54.6	12.04:	A8	
113	45 00	17.9	11.01	A0	38 4232
114	45 11	29.1	10.63	F5	
115	45 22	55.5	9.55	B9	39 4317
116	45 31	14.7	12.02	F2	
117	45 36	35.9	9.47	A3	39 4318
118	45 38	3.9	10.89	F0	
119	45 40	13.6	11.78	K	
120	45 45	30.2	11.64	K2	39 4319
121	46 00	47.1	10.96:	G2	
122	46 13	43.3	9.15	G5 III	198312
123	46 25	34.5	11.85	B8	
124	46 26	12.7	11.52	F0	
125	46 33	55.5	9.11	B9	39 4327
126	46 37	40.3	11.37	B9	
127	46 38	30.9	11.23	K0 III	
128	46 43	30.3	11.85	A0	
129	46 44	43.9	10.88	F0	
130	46 51	52.9	11.49	K0	
131	46 55	23.9	11.73:	B9	
132	47 02	28.6	9.80:	—	39 4329
133	47 05	14.0	10.78	F2	
134	47 20	58.5	10.34	A3	39 4333
135	47 20	51.5	9.53	A3	39 4332
136	47 24	17.9	9.83:	B2 III	38 4241
137	47 30	9.9	11.54	F5	
138	47 33	57.0	11.19:	F0	
139	47 58	47.7	11.24	F2	
140	47 59	42.7	11.59	K0 III	39 4335
141	48 01	25.5	11.46	G0	
142	48 03	37.0	11.07:	F0	
143	48 04	51.3	9.56	K7 I	39 4336
144	48 06	46.9	9.34	A0	39 4337
145	48 08	22.8	12.16:	F8:	
146	48 11	41.9	10.74:	F2	39 4338
147	48 23	24.5	11.63	K2 II-III	39 4340
148	48 27	3.4	11.07:	A2	
149	48 43	40.0	11.37	F8	39 4339
150	49 04	43.7	9.46	A1	39 4344

+ 39°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
151	20 ^h 49 ^m 10 ^s *	39°26'.1	10.74:	F2	39 4345
152	49 14	7.4	10.09	F8	38 4251
153	49 29	28.2	9.03	G5 III	19 8783
154	49 32	47.9	8.92	A0	19 8796
155	49 32	31.9	11.08	F2	39 4348
156	49 45	13.0	10.70	K5 I	19 8797
157	49 52	59.5	—	K0 III	39 4349
158	49 57	12.3	11.78	F2	38 4255
159	50 15	47.2	8.76	A1	19 8897
160	50 50	13.8	—	A0	
161	50 51	17.1	11.94	A4	
162	50 59	55.4	10.64	F2	39 4352
163	51 11	28.2	11.89	A5	
164	51 25	35.4	11.83	A3	
165	51 37	22.0	11.59	E0	
166	51 41	54.7	9.90	A3	39 4356
167	51 42	20.2	11.46	F5	
168	51 42	42.8	11.49	F8	
169	51 49	24.4	11.58	K2 III	39 4357
170	52 06	39.2	11.45	A3	39 4358
171	52 10	43.4	11.65	A7	
172	52 14	45.0	11.51	F5:	
173	52 45	33.3	11.08	F2	39 4362
174	52 46	59.4	11.86:	A0	
175	53 04	52.9	12.40	B9	
176	54 11	44.2	11.68	F2	39 4373
I					
+ 40°					
1	20 ^h 35 ^m 05 ^s *	40°48'.6	10 ^m .78	G5 III	40 4247
2	35 09	28.2	10.22	F5	40 4249
3	35 11	27.3	11.58	F2	
4	35 34	57.8	11.75	A3	
5	35 49	28.7	9.24	A5	40 4252
6	35 51	46.8	10.84	F0	40 4253
7	36 09	37.7	10.54	G3 IV	40 4256
8	36 10	59.1	9.73	G5 III-IV	40 4257
9	36 18	0.3	12.40	A1	
10	36 18	11.7	10.73	F5	39 4259
11	36 19	31.5	11.08	B8	
12	36 28	57.7	11.22	B9	
13	36 38	47.0	11.50	F2	
14	36 40	14.2	—	A8	39 4264
15	36 44	59.2	9.49	F2	40 4261
16	36 49	53.7	10.86	F8	40 4263
17	37 02	30.0	11.16	B9	
18	37 07	32.3	11.04	F0	
19	37 08	6.8	—	G5 IV	39 4267
20	37 10	58.8	11.17	G	
21	37 16	45.3	10.90:	G2 V	40 4264
22	37 17	5.9	11.60:	F5	
23	37 20	9.3	10.71	G5 III	39 4269
24	37 39	25.5	10.27	G0 V	
25	37 43	43.5	10.97:	B8	

+40°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
26	20 ^h 37 ^m 50 ^s	40°49'.5	12 ^m 22	A4	
27	37 53	30 8	11.71	—	
28	37 56	23.1	11.58	A1	
29	38 05	13.3	11.35	F2	
30	38 13	17.9	11.38	F8	39°4271
31	38 13	24.2	11.45	K7 III	40 4270
32	38 14	47.9	10.53	F2	40 4269
33	38 16	43.4	10.50	K3 III	40 4271
34	38 19	49.4	11.52	G2	
35	38 22	49.8	11.59	F0	
36	38 40	47.7	11.77	F5	
37	38 56	0.2	10.05	K2 V	39 4276
38	38 56	48.2	10.37	G5 V	40 4275
39	39 04	21.8	11.33	F2	
40	39 08	29.4	11.19	F5	
41	39 20	45.1	9.66	A1	40 4277
42	39 27	41.3	11.68	A2	
43	39 31	41.1	11.45	G2 IV	40 4278
44	39 42	30.6	11.09	A4	
45	39 54	58.2	11.10	K2 II-III	40 4280
46	40 10	3.8	9.06	A5	39 4283
47	40 15	4.7	11.43	G	39 4284
48	40 17	45.9	11.44	A1	
49	40 20	30.0	9.04	G8:	40 4284
50	40 20	57.8	11.70	G8 III	
51	40 25	53.4	11.36	B3 III	
52	40 32	15.5	12.03	A1	
53	40 34	18.2	10.74	F5	39 4287
54	40 35	6.0	11.42	F2	
55	40 35	36.3	10.45	F2	
56	40 38	28.0	11.36	A7	
57	40 46	1.9	10.86	F2	
58	40 50	51.8	11.37	F5	
59	40 52	53.6	11.41	B8	
60	41 02	26.5	—	F8:	
61	41 16	49.4	10.13	A2	40 4288
62	41 25	15.0	9.89	G0 V	39 4290
63	41 27	16.1	11.79	F0	
64	41 31	19.5	10.20	B8	39 4291
65	41 38	31.2	9.89	K5 III	40 4292
66	41 39	1.2	10.78	A7	
67	41 42	42.5	8.94	A0	40 4293
68	41 52	8.2	10.94	G8 V	39 4294
69	42 09	46.4	10.73	F5	
70	42 13	39.0	9.99	G8 IV	40 4295
71	42 15	53.3	11.89	F5	
72	42 16	18.7	12.26	A3	
73	42 19	53.1	11.66	A4	
74	42 33	8.2	12.04	B-A	
75	42 34	16.3	—	A0	
76	42 36	17.3	10.47	G2	39 4299
77	42 39	6.3	10.86	F2	
78	42 53	45.3	10.76	A2	
79	42 47	14.8	10.13	A7	39 4300
80	43 02	38.3	10.64	G2	

+40°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
81	20 ^h 43 ^m 08 ^s	40°16'.3	10 ^m 60	A8	
82	43 09	13.5	9.55	M5 III	
83	43 13	0.2	11.21	F6	
84	43 17	14.9	9.13	A5	
85	43 19	21.3	9.65	A0	40°4302
86	43 19	42.0	11.85	A2	
87	43 21	32.4	—	A2	40 4303
88	43 27	54.3	9.88	A3	40 4304
89	43 31	35.9	11.37	B8	
90	43 33	0.1	11.26	B8	
91	43 35	12.4	11.30	F8	
92	43 35	52.7	11.86	F8	
93	43 40	16.4	11.26	A3	
94	43 40	52.7	12.12	F8	
95	43 42	51.1	11.99	A0	
96	43 45	3.2	9.72	A2	39 4307
97	43 46	29.3	9.83	B9	40 4308
98	43 46	55.4	11.83	A	
99	43 48	12.8	11.41	F8	
100	43 57	58.3	11.40	K3:	
101	44 07	27.3	12.23	A1	
102	44 09	42.5	11.73	B5	
103	44 11	3.1	11.39	A0	
104	44 15	14.6	12.36	A	
105	44 26	5.0	10.99	F5	
106	44 32	14.9	12.01	K0	
107	44 36	11.9	11.50	G2	
108	44 39	8.5	9.42	B9	39 4312
109	44 39	26.2	12.03	F0	
110	45 05	25.4	9.79	A4	40 4312
111	45 09	5.4	10.28	G2 IV	39 4315
112	45 15	26.6	10.89	F2	
113	45 16	1.0	9.37	A0	39 4316
114	45 24	29.9	11.71	F	
115	45 28	36.9	12.13	A1	
116	45 30	52.9	11.31	A7	
117	45 33	25.4	11.02	K0	
118	45 37	1.0	11.73	F2	
119	45 40	25.0	12.09	K0:	
120	45 44	5.3	10.44	F2	39 4320
121	45 46	30.8	11.10	F0	40 4314
122	45 47	26.6	9.71	A3	40 4315
123	45 47	50.9	11.09	A3	40 4316
124	45 52	52.5	11.03	F6	
125	45 58	10.4	9.69	F6	39 4321
126	46 11	8.6	10.54	K7 III	39 4322
127	46 25	6.8	—	A2	39 4325
128	46 29	22.8	10.50	F5	
129	46 32	8.7	10.74	K2 I-II	39 4326
130	46 34	25.9	10.46	A1	
131	46 40	48.2	9.53	A0	40 4322
132	46 45	33.6	9.86	G8 IV	40 4323
133	46 54	58.6	9.86	K0 III	
134	46 58	46.9	10.34	A1	40 4325
135	47 01	17.2	—	G0:	
136	47 03	37.2	10.42	F8	40 4326
137	47 05	16.5	—	B8	

+40°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
138	20 ^h 47 ^m 07 ^s	40°55'6	11 ^m .11	A2	40°4324
139	47 08	16.5	12.18	B8	
140	47 09	59.9	11.77	A8	
141	47 09	27.8	—	K2 III	40 4327
142	47 32	38.9	11.75:	A3	
143	47 34	37.7	9.73	K2 III	40 4330
144	47 36	32.1	8.79:	A5	198525
145	47 37	24.3	10 60	F2	40 4332
146	47 50	54.5	—	F2	40 4333
147	47 56	39.8	11.50	Go	
148	47 58	0.5	9.62	A5	39 4334
149	48 13	19.5	11.21	K2 III	
150	48 20	1.2	11.43	F2	
151	48 25	11.2	11.39	A1	
152	48 26	31.5	10.55	F5	40 4334
153	48 33	1.8	10.43	F2	
154	48 34	12.3	10.12	B8	39 4341
155	48 34	51.6	11.91	Go	
156	48 36	9.0	10.71	G5 V	39 4342
157	48 40	2.9	11.43:	G8	
158	48 42	49.9	10.48:	G5 V	40 4335
159	48 46	30.8	11.43	Go	
160	49 03	3.0	10.74	F2	39 4343
161	49 08	38.2	11.55	A2	
162	49 16	2.2	11.57	G8	
163	49 27	12.3	11.45	G5	
164	49 35	43.6	10.48:	Go	40 4339
165	49 41	34.5	11.84:	A3	
166	49 45	54.9	10.13	F2	40 4341
167	50 15	11.1	11.13	A4	
168	50 19	8.7	11.04	F2	39 4351
169	50 34	48.9	9.28	A0	40 4343
170	51 02	13.3	11.65	F8	
171	51 05	36.3	12.14	B8	
172	51 14	12.3	11.02	G2	39 4353
173	51 21	8.1	8.54	A1	39 9054
174	51 33	8.9	10.86	A1	39 4355
175	51 39	14.0	12.41	B8	
176	51 53	29.3	9.55	A5	40 4346
177	52 05	13.9	10.57	F0	39 4359
178	52 06	10.7	10.60	Go:	39 4360
179	52 11	30.9	8.89	A7	40 4348
180	52 20	35.8	10.58	F6	40 4352
181	52 21	59.0	—	B8	40 4351
182	52 24	38.7	10.77	G8 III	40 4353
183	52 44	21.6	11.59	F5	
184	52 59	21.3	11.69:	G5	39 4363
185	53 00	6.9	11.27	Go	
186	53 03	9.0	10.21	F5	39 4365
187	53 16	42.0	9.61	F5	40 4357
188	53 21	10.9	11.67	A0	
189	53 27	9.3	11.97:	K0	
190	53 44	9.7	10.60	A0	39 4372
191	53 47	50.1	—	F2	
192	54 08	57.6	11.55:	F	
193	54 10	5.2	12.60:	A3	

+40°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
194	20 ^h 54 ^m 17 ^s	40°22'.0	11 ^m 90:	B9	
195	54 19	15.2	11.58	G2 IV	
196	54 27	44.3	11.86	A5	
197	54 39	56.8	11.74:	G	
198	54 42	47.3	11.50:	Go V	
199	54 43	6.8	11.36	F8	39°4374
200	54 48	1.4	11.30	A0	39 4375
201	55 02	17.0	11.55:	A2	39 4376
202	55 22	33.2	10.23	F0	40 4365
203	55 32	38.9	11.54	Go:	40 3366
204	55 32	15.0	11.67	G8 III	39 4380

+41°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	20 ^h 34 ^m 37 ^s	41°37'.5	9 ^m 94	B9	
2	34 46	37.9	9.88	A2	41 3825
3	34 50	28.4	11.38	F5	
4	34 51	59.3	11.09	F2	
5	34 52	17.9	11.49	Go	
6	34 59	47.2	11.36	A3	
7	35 03	15.8	10.41	G8 III	40 4248
8	35 10	21.6	11.79	B5	
9	35 11	45.9	11.29	G5 III	
10	35 19	32.3	11.14	A7	41 3829
11	35 21	24.7	11.28	G5	
12	35 29	3.0	8.98	B9	40 4250
13	35 43	34.7	11.55	G5 V	
14	35 45	43.2	11.66	G	
15	35 56	55.2	11.29:	F2	
16	36 03	2.9	9.00	A2	40 4255
17	36 06	5.3	11.02	F0	
18	36 08	57.3	10.12	F5	
19	36 11	10.4	10.85	B8	
20	36 13	57.0	11.11	Go	41 3831
21	36 19	9.3	10.09	G2 V	40 4260
22	36 29	53.9	9.38	K3 I	41 3836
23	36 41	27.3	11.37:	F6	
24	36 42	11.8	11.83	A0	40 4262
25	36 43	54.3	9.78	A4	41 3837
26	36 55	22.9	11.51	F6	
27	36 55	44.7	11.79	F2	
28	36 56	30.8	10.64	G2 V	41 3838
29	36 58	50.3	10.64	G5 V	41 3840
30	37 05	59.1	11.24:	G8 III	
31	37 10	9.9	11.99	A5	
32	37 29	31.0	10.63	G8 III	41 3842
33	37 29	6.9	11.67	F2	
34	37 38	54.4	11.04	F5	41 3844
35	37 39	2.5	11.39	G5	40 4265
36	37 42	27.9	10.74	G5 V	41 3843
37	37 51	58.2	11.08	B9	
38	37 53	4.7	11.62:	G	
39	38 01	7.7	11.31	A3	
40	38 08	54.3	10.18	G8 V	41 3846

+41°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
41	20 ^h 38 ^m 10 ^s	41°15'6	10 ^m .93	F	40°4268
42	38 14	26.7	10.51	F2	41 3847
43	38 16	16.8	12.19	A	
44	38 19	4.4	11.18	K2 III	40 4272
45	38 35	29.1	11.31	F5	
46	38 38	27.9	11.22	A5	
47	38 49	25.9	11.60	F8	
48	38 56	42.3	11.59	F0	
49	38 57	12.8	11.30	B9	
50	38 59	31.9	11.13	K2 I	41 3848
51	39 08	55.7	11.21	A1	
52	39 09	39.6	10.64	F2	
53	39 26	10.9	11.53	G5	
54	39 34	4.0	12.29	A2	
55	39 41	2.0	11.23	F2	
56	39 57	23.1	10.42	A9	41 3854
57	40 01	15.0	10.86	Ko IV	40 4281
58	40 08	10.9	10.71	F2	
59	40 11	16.3	9.62	F2	40 4282
60	40 14	24.8	11.10	A5	41 3857
61	40 21	19.5	10.49	B8	40 4285
62	40 27	20.3	11.54	Go:	
63	40 30	45.3	9.71	G8 III	41 3858
64	40 32	50.8	9.89	Go IV	41 3859
65	40 40	21.3	10.88	B9	41 3861
66	40 44	14.8	9.96	G5 III	40 4286
67	40 47	4.2	—	A2	
68	40 53	33.9	11.57	G2	
69	40 54	57.6	11.23	F8	
70	41 03	20.9	—	B9	41 3862
71	41 13	29.9	11.36	F5	
72	41 19	57.0	9.81	F0	41 3864
73	41 25	30.0	12.24	F2:	
74	41 26	43.3	12.20	K3	
75	41 40	20.9	—	F2:	
76	41 42	8.3	11.22	F0	
77	41 44	16.9	10.94	F8	
78	42 02	43.0	9.78	A3	41 3867
79	42 10	3.3	11.58	B5	
80	42 15	34.4	11.85	F0	
81	42 15	5.1	11.26	G5 III	40 4296
82	42 26	54.3	—	Ko IV	41 3870
83	42 50	44.6	10.91	F8	
84	42 54	19.6	—	F2	40 4298
85	42 59	28.3	11.33	F8	
86	43 01	16.6	10.71	G5 IV	40 4299
87	43 05	53.8	11.53	Go	
88	43 06	25.0	10.67	A5	41 3873
89	43 13	38.7	11.67	F8	
90	43 27	42.2	11.30	G2	41 3874
91	43 34	8.8	9.70	F2	40 4305
92	43 36	30.6	11.04	Go	41 3875
93	43 41	33.7	11.09	F2	41 3877
94	43 43	33.0	11.55	F8	
95	43 45	4.7	10.28	Go V	40 4306
96	43 54	16.5	12.44	A	
97	44 02	7.2	11.45	F2	

+41°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
98	20 ^h 44 ^m 11 ^s	41°0'.4	11 ^m .40	A3:	
99	44 13	32.1	9.58	A5	41°3878
100	44 16	3.3	10.75	K2 II	40 4310
101	44 25	33.8	9.92	A3	41 3879
102	44 28	37.8	11.75	F5	
103	44 38	51.8	9.87	F5	41 3882
104	44 45	58.2	10.95	A1	
105	44 53	35.8	11.26	F2	
106	44 55	31.5	11.83	G5	
107	44 55	49.1	10.79	F2	
108	45 02	52.8	—	F6	
109	45 30	54.4	10.66	Ko IV	41 3887
110	45 31	38.7	—	A2	41 3886
111	45 49	6.7	11.33:	F8	
112	45 49	38.8	11.60	G8	41 3888
113	45 50	38.1	11.83	G5:	
114	45 56	10.6	11.78	Go	
115	46 00	50.8	10.88	F2	
116	46 08	43.7	11.06	A5	
117	46 10	13.9	9.87	B9	40 4317
118	46 13	9.6	—	B8	
119	46 20	47.5	10.40	G8 III	41 3891
120	46 34	44.0	10.09	A2	41 3892
121	46 39	8.7	11.21	F5	
122	46 39	59.3	11.22	F8	
123	46 40	4.9	10.77	A3	40 4321
124	46 49	55.4	9.69	B3 III	41 3896
125	46 53	54.9	11.66	A2	
126	46 58	37.8	9.62	F5	41 3898
127	47 03	48.3	11.32	K2 III	
128	47 03	19.9	12.04	A3	
129	47 04	38.8	10.66	F0	
130	47 07	55.4	10.19	F5	41 3899
131	47 16	49.8	11.53	G5	
132	47 34	42.3	10.49	F2	41 3900
133	47 53	33.4	10.49	F2	
134	47 56	47.9	10.45	F5	41 3902
135	48 06	32.1	11.65	F8	
136	48 14	3.3	11.76	Go	
137	48 49	24.0	11.53	F8	41 3908
138	48 55	8.2	11.92	R	
139	49 02	2.1	9.87	Ko III	40 4336
140	49 08	56.1	11.20:	Ao	
141	49 11	13.9	10.95:	F5	40 4338
142	49 16	47.9	11.05:	F8	
143	49 25	46.4	12.00	Go	
144	49 32	24.9	10.87	G2V	
145	49 33	26.4	10.66	Go V	41 3911
146	49 41	25.7	10.83:	A5	
147	49 41	11.8	10.53:	B9	40 4340
148	49 55	25.9	10.58	A2	41 3912
149	49 56	11.8	12.04	Ko	
150	50 02	11.5	11.58	F2	
151	50 03	34.6	9.69	B8	41 3914
152	50 03	28.9	10.66	A2	41 3913
153	50 06	48.0	11.37	F5	

+41°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD	
154	20 ^h 50 ^m 11 ^s	41°43'.5	11 ^m 62	F2	40°4342	
155	50 20	18.4	11.46:	G5		
156	50 30	57.2	11.84	F8		
157	50 35	54.0	11.39	F2		
158	50 36	18.0	11.85:	F5		
159	50 47	52.2	11.27	G8 V		
160	50 55	5.5	11.79	B9		
161	50 56	44.9	11.14:	Fop		
162	51 06	54.1	9.93	A3		41 3919
163	51 15	10.2	11.28	G5 III		40 4344
164	51 26	30.4	10.96	A3	41 3919	
165	51 33	28.0	11.60:	Go:	41 3921	
166	51 46	9.6	9.94	A0	40 4345	
167	51 49	26.2	11.83:	K5	41 3923	
168	52 04	27.5	—	F		
169	52 08	40.9	11.09	A7	41 3926	
170	52 10	8.1	9.62	G8 V	40 4349	
171	52 17	6.3	11.25	B9		
172	52 38	55.0	11.75	F2		
173	52 42	5.3	11.98:	G2		
174	53 06	9.1	8.83:	A1	199315	
175	53 19	22.2	—	G2	41 3925	
176	53 21	57.0	11.81:	G2		
177	53 31	51.6	12.52	G-K		
178	53 39	21.5	12.20	B8		
179	53 39	0.4	—	F5 I	40 4358	
180	53 45	25.4	12.19	F2		
181	53 48	20.4	11.33:	A2	40 4359	
182	54 00	13.0	11.77:	G8 III	40 4360	
183	54 08	22.6	9.79	A0	41 3935	
184	54 08	59.3	11.85	G8:		
185	54 17	20.6	11.06	B8	40 4361	
186	54 20	4.3	12.07:	F5		
187	54 53	49.8	11.73	A1	41 3939	
188	54 55	52.6	12.08:	A0:		
189	55 08	27.3	10.69:	F	41 3940	
190	55 09	0.7	11.66:	A5		
191	55 14	28.2	11.67:	B9		
192	55 20	56.6	9.99:	Go	41 3941	
193	55 26	42.9	10.06	A0	41 3942	
194	55 36	15.2	11.83	Go:	40 4367	
195	55 48	28.6	11.70:	A2		

+42°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD	
1	20 ^h 36 ^m 20 ^s	42°10'.5	10 ^m 82:	F8	41 3832	
2	36 37	30.2	11.80:	Go		
3	36 48	31.4	12.06:	F2:		
4	36 55	4.4	10.25	A2		41 3839
5	37 00	30.4	11.19:	Fo:		
6	37 08	15.0	11.50	A2		
7	37 27	30.0	11.88:	A3		
8	38 04	9.4	—	G		
9	38 10	14.3	11.66	F2		
10	38 13	13.5	12.22	G		

+42°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD			
11	20 ^h 38 ^m 15 ^s	42°44'.3	11 ^m .24:	F5	42°3817			
12	38 20	17.7	12.39	F				
13	38 23	44.1	10.38:	F2		42 3819		
14	38 31	9.2	11.01	F5				
15	38 33	22.3	10.63	A0			42 3822	
16	38 39	9.2	12.33	—				
17	38 47	18.4	11.99	G8:				
18	38 51	31.7	—	A3				42 3825
19	38 58	41.8	10.12	F2				
20	39 11	19.9	11.03	A2				
21	39 16	18.6	11 02:	Go	41 3851			
22	39 21	20.3	12.51:	B8				
23	39 25	40.2	10.41	G2 III		42 3828		
24	39 39	33.8	11.41	F5				
25	39 39	1.2	11.23	A4				
26	39 44	17.8	11.32:	A5				
27	39 44	38.3	11.42	A7				
28	39 51	32.1	11.15:	F2				
29	40 16	24.8	10.98	A1				
30	40 34	20.6	10.62	F5			41 3860	
31	40 50	24.0	10.20	A3	42 3836			
32	40 52	36.8	10.87	F5				
33	41 02	1.4	11.31	Fo		42 3837		
34	41 05	23.8	9.34	A7				
35	41 08	6.4	10.25	G5 IV			42 3838	
36	41 12	29.8	10.37	G2 V			41 3863	
37	41 27	42.2	10.24	A4			42 3840	
38	41 28	27.3	10.21	Ko III			42 3843	
39	41 36	5.2	10.63	K3 III			42 3842	
40	41 44	32.7	10.93	Ko III			41 3865	
41	42 05	3.8	—	G8 III-IV	42 3844			
42	42 19	48.8	10.85	A5				
43	42 22	25.7	11.57	F8				
44	42 23	8.2	11.32	A1				
45	42 34	19.8	11.41	F2		41 3871		
46	42 49	5.2	10.92	Fo				
47	43 00	23.8	12.56	Go				
48	43 13	1.7	10.83	F2				
49	43 25	32.3	12.17:	A3				
50	44 05	15.0	10.85	A2				
51	44 27	4.3	9.90	A0	41 3880			
52	44 28	19.0	9.61	K2 III				
53	44 32	5.2	9.80	K7 III			41 3881	
54	44 40	23.7	10.84	Fo				
55	44 50	30.3	10.61	Ko V				
56	44 51	12.3	10.45	G5 IV		42 3856		
57	44 51	42.0	11.15	Ko IV		41 3883		
58	45 00	12.8	—	B8		42 3857		
59	45 04	13.2	11.76	F5		42 3858		
60	45 09	45.8	9.74	A1				
61	45 20	16.7	11.03	A1	41 3885			
62	45 25	15.2	9.67	A0				
63	45 33	27.6	10.30	A5				
64	46 02	13.9	11.87	F8				
65	46 20	24.1	11.22	F2				
66	46 21	35.7	11.39	G5				
67	46 40	36.8	10.20	G2			42 3868	

+42°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
68	20 ^h 46 ^m 44 ^s	42°31'.5	10 ^m 94	K3 II-III	42°3869
69	46 49	25.8	9.34	A2	42 3870
70	46 55	2.7	10.95	G2	
71	46 58	1.4	11.60	G0	
72	47 36	32.9	10.56	F2	
73	47 42	27.3	10.29	K7 III	42 3876
74	47 47	28.9	11.30	A2	
75	47 55	3.3	10.68	B9	
76	48 02	40.1	11.52	F5	
77	48 03	36.3	11.66	G5	
78	48 07	39.3	9.89	A4	42 3880
79	48 25	10.0	10.74	K2 II	41 3905
80	48 37	6.2	9.29	A0	41 3906
81	48 39	13.8	10.73	A2	
82	49 03	27.6	—	B5 V	42 3883
83	49 08	27.8	11.66	K2:	
84	49 28	16.6	10.38	K5 III	41 3910
85	49 37	40.5	10.50	A5	42 3886
86	49 43	45.0	10.78	F0	42 3887
87	49 44	12.0	11.52	B9	
88	49 51	40.3	11.40	F8	
89	49 57	2.3	12.36	K2	
90	50 07	22.6	11.74	K0 III	
91	50 12	10.2	11.50	K2	
92	50 14	18.0	11.44	F8	
93	50 21	3.8	11.89	F5	
94	50 30	37.8	11.55	F2	
95	50 33	22.1	11.66	F2	
96	50 35	17.6	9.43	G8 III	41 3915
97	50 39	34.2	11.31	F0p	
98	50 56	8.7	11.42	A7	
99	51 05	34.1	11.24	B9	
100	51 36	33.0	11.97	G0	
101	52 04	47.1	11.78	A4	
102	52 29	30.9	11.50	M5 III	42 3899
103	52 44	12.3	12.20:	F0	
104	52 48	32.7	12.27	A3	
105	52 55	9.8	10.81	F2	41 3927
106	52 56	25.5	11.63:	K0 III	
107	53 20	9.0	12.03:	F8:	
108	53 27	7.8	11.07	G5 V	41 3931
109	53 32	26.3	12.01:	A5	
110	53 36	3.8	11.58:	B9	
111	53 39	3.3	10.35:	A4	41 3933
112	53 57	28.8	—	F2	
113	54 03	24.5	—	A5	41 3934
114	54 18	9.2	10.58	A2	41 3936
115	54 25	0.8	10.80	K0 II-III	41 3937
116	54 25	6.6	11.02	A7	41 3938

У Ч А С Т О К IV. (Цефей; тум. 37 по [15])

+57°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
1	21 ^h 3 ^m 23 ^s	+57°50'.3	11 ^m 80	B9	
2	5 30	48.2	11.08	F8	
3	5 36	48.2	12.27:	A	57°2284
4	6 25	47.6	11.93	B8	
5	7 06	58.5	11.43	A5	
6	7 57	19.4	11.08	A7	
7	8 06	40.5	10.47	B9	57 2288
8	8 24	24.3	9.65:	F8	57 2289
9	9 33	55.1	9.54:	G2 IV	57 2293
10	9 59	42.3	10.59	F8	57 2294
11	10 05	51.5	10.79	B9	
12	11 07	50.1	11.44	A7	
13	11 10	39.0	9.88	F8	
14	11 44	51.0	9.38	K2 I	57 2299
15	11 53	42.3	11.11	A3	20 2391
16	12 16	30.6	10.81	A5	
17	13 15	54.0	—	A2	
18	13 35	18.6	10.92	B9	56 2548
19	13 48	48.2	11.89	A1	
20	13 54	51.9	11.14	F2	
21	13 59	47.7	11.56	B8	
22	14 23	53.4	10.55	A2	
23	14 36	11.2	9.67	A3	56 2550
24	14 43	31.5	10.97	A2	57 2306
25	15 09	54.5	10.50	G0	57 2308
26	15 32	48.0	—	B9	
27	15 49	40.8	—	A7	
28	16 02	57.3	10.58	K2 III	57 2310
29	16 23	43.5	10.16	A2	
30	17 14	52.8	11.84	F0	
31	17 23	53.2	12.04	B9	
32	17 31	54.9	11.59	B9	
33	17 55	34.2	11.26	A2	
34	20 39	26.2	10.11:	G0	57 2316
35	22 48	55.1	9.12	A1	57 2320
36	22 44	34.3	—	K0 III	57 2319
37	23 46	57.0	9.48	K2 III	57 2323
38	25 00	40.8	10.92:	B8	57 2327
39	26 47	49.9	—	A5	57 2332
+58°					
1	20 ^h 58 ^m 30 ^s	58°52'.8	10 ^m 49	G2	58 2202
2	59 30	23.7	10.73	F6	58 2207
3	21 0 12	23.3	10.70	A2	58 2211
4	0 17	33.8	10.37	G5 III	58 2212
5	0 20	40.4	11.06	F0	
6	0 43	42.0	11.97	B-A	58 2213
7	0 49	53.7	10.84	G5	58 2214
8	1 13	2.9	9.68	G2 IV	57 2274
9	1 37	2.8	9.34	A3	57 2276
10	1 40	4.5	11.73	A1	
11	1 50	10.2	11.77	A2	
12	1 52	55.3	9.75	F2	
13	2 02	5.9	11.01	A0	52 2216
14	2 39	9.6	11.14	A2	
15	2 40	14.4	10.06	A2	
16	2 43	18.3	11.54	G8	57 2278
17	2 44	54.1	11.44	A1	

+58°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
18	21 ^h 2 ^m 46	58°17'	9 ^m .92	K3 I-II	57°2279
19	3 12	52.5	—	B5 III	58 2220
20	3 33	28.7	11.01	A4	
21	3 42	44.0	10.53	G0	58 2221
22	4 12	43.9	10.46	F8	58 2222
23	4 27	12.3	—	F5	
24	4 37	44.3	10.33	A0	58 2223
25	4 52	17.4	10.67	F6	57 2282
26	5 08	26.3	11.58	A2	
27	5 09	48.4	10.62	A0	
28	5 18	16.2	11.34	K3	57 2283
29	5 45	12.2	11.00	B9	
30	5 47	3.3	10.99	F0:	
31	6 09	3.2	10.22	K2 I-II	57 2286
32	6 12	11.4	9.97	G2 III-IV	57 2285
33	6 50	8.3	10.83	G5	
34	6 44	38.7	10.77	A3	58 2229
35	6 46	25.7	9.75	A4	58 2228
36	6 54	55.4	9.45	G0	58 2230
37	7 18	23.4	11.69	A	
38	7 28	22.8	11.61	A	
39	7 30	21.6	11.66	A0	
40	7 38	58.5	11.21	A2	
41	7 56	55.2	10.70	B8	
42	7 58	5.7	—	B8	
43	8 02	4.9	10.56	F8	57 2287
44	8 47	20.5	9.29	F8	57 2291
45	8 56	17.7	11.32	A3	57 2292
46	8 59	43.2	9.40	G5 III	20 1934
47	9 54	55.3	10.11	F0	58 2233
48	9 55	6.3	10.81	B9	
49	10 03	8.6	11.57	K5 III:	
50	10 05	11.1	11.35	B9	
51	10 07	42.4	10.58	B9	
52	10 11	54.7	9.54	A5	58 2234
53	10 32	5.0	9.98	G8 III	57 2297
54	10 46	30.0	9.82	K2 III	58 2235
55	10 48	14.7	11.56	A2	
56	10 56	31.9	12.10	A2	
57	10 59	16.4	11.51	K5 V:	
58	11 16	52.2	10.63	K0 II	58 2238
59	11 19	45.2	11.06	G2	
60	11 50	13.3	9.94	B8	57 2301
61	11.51	54.8	10.54	B9	
62	11.59	25.8	8.81	K2 III	202419
63	12.00	45.4	9.83	F8	58 2240
64	12.00	17.3	—	K3 III	57 2302
65	12.49	18.3	10.39	B5 III	
66	12.55	3.2	9.57	B9	57 2304
67	13.05	22.2	10.45	B5 III	
68	13.23	8.3	11.49	F0	
69	13.40	28.5	9.63	G8 V	58 2241
70	13.48	7.8	10.86	F5	
71	13 49	35.0	10.65	B9	
72	13 58	37.7	10.32	F0	58 2242
73	14 05	40.5	10.02	G2 IV	58 2243

+58°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
74	21 ^h 14 ^m 46 ^s	58° 7'.2	9 ^m .01	B8	57°2307
75	15 04	21.7	11.37	B5	
76	15 14	34.3	9.64	A4	58 2244
77	15 22	58.9	10.81	F8	58 2245
78	15 31	15.5	11.28	A3	
79	16 03	58.5	10.20	B8	58 2247
80	16 11	11.7	11.88	B9	
81	16 36	27.8	11.54	K3	
82	16 40	33.8	—	B9	
83	16 41	33.8	10.69	B8	
84	17 17	23.1	10.64	K0 III	57 2311
85	18 17	42.0	10.26	G0	58 2251
86	18 21	54.6	11.01	A5	
87	18 23	2.7	11.62	A3	
88	18 36	6.1	10.56	A7	57 2314
89	18 39	59.3	11.63	K3	
90	18 52	42.7	11.52	A2:	
91	19 27	45.8	11.04	F0	
92	19 30	54.5	9.51	G2 IV	58 2253
93	19 42	24.2	10.61	A2	58 2254
94	19 48	50.4	9.07	G5 III	203627
95	20 25	34.4	10.65	A3	58 2256
96	20 29	24.4	—	G5	
97	21 30	54.4	10.02	F5	58 2257
98	21 33	0.4	11.56	A0	
99	21 39	36.3	11.77	—	
100	21 46	46.0	—	B9	58 2258
101	21 56	46.1	10.92	B 8	
102	22 33	47.8	11.00	G2:	58 2260
103	23 08	15.3	9.75	G0	57 2321
104	23 54	31.1	11.40	B9	
105	24 41	29.3	9.24	G8 III	20 4410
106	25 24	48.9	11.66	G8	58 2266
107	25 45	40.9	11.35	F2	
108	25 57	22.0	10.61	G2	57 2328
109	26 14	28.5	11.10	G2	58 2269
110	26 20	22.6	11.02	A2	57 2329
111	26 23	8.9	10.37	G8 III	57 2330
112	26 40	10.2	10.68:	A3	57 2331
113	27 21	46.8	10.57	A2	58 2271
114	28 30	43.2	—	B5	58 2273
115	28 36	42.0	10.52	F2	58 2274
116	28 44	20.5	—	B9	
117	28 56	46.4	11.75	A5	
118	29 06	57.3	—	K2 III	58 2277
119	29 14	24.9	—	A3	58 2278
+59°					
1	20 ^h 57 ^m 48 ^s	+59°36'.2	10 ^m 86	G0	
2	58 29	37.9	9.88	A1	59 2306
3	58 39	28.5	11.51	F2	
4	58 42	1.4	9.98	G0	58 2203
5	58 56	31.5	12.04	B9	
6	59 00	14.3	9.39	K0 III	200338
7	59 12	20.9	11.82	A3	
8	59 42	31.5	10.73	B9	

+59°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
9	20 ^h 59 ^m 50 ^s	+59°12'.4	11.54	K2	58 2210
10	21 0 02	41.3	10.14	F5	59 2307
11	0 22	57.8	10.54	B8	
12	0 27	22.9	10.97	A3	
13	0 57	24.3	11.49	F2	
14	1 15	20.5	11.06	A1	
15	1 26	51.8	9.31	F8	59 2310
16	1 37	37.0	11.23	F8	
17	1 42	15.0	10.65	Go III	
18	1 55	3.2	11.76	Ao	
19	2 01	24.0	10.74	G5 IV	59 2311
20	2 18	13.7	9.72	B5 V	58 2217
21	2 20	58.3	10.85	K7 III	59 2312
22	4 04	34.5	9.53	B9	59 2314
23	4 10	57.9	11.63	A3	
24	4 36	1.6	10.17	A2	58 2225
25	4 46	53.9	9.53	F5	59 2316
26	4 58	28.6	10.03	B8	59 2317
27	4 59	44.3	11.76	Fo	
28	5 05	50.1	10.65	F6	
29	5 19	34.9	10.37	G2 V	59 2318
30	5 38	28.4	9.66	A5	59 2319
31	5 39	1.8	—	A7	
32	5 55	18.8	11.68	B9	
33	5 57	2.7	—	B8	
34	6 17	30.9	11.72	Fo	
35	6 42	49.9	10.10	B8	
36	7 17	18.9	10.60	Ao	
37	7 35	9.8	11.47	G	
38	7 37	33.8	10.56	A5	
39	7 47	33.0	10.81	Ko III	59 2324
40	7 49	40.8	10.52	B8	
41	7 56	22.9	11.52	B9	
42	8 10	47.5	10.95	F8	
43	8 19	36.8	11.19	F6	
44	8 38	36.5	10.53	F6	59 2325
45	8 45	40.2	11.39	G5	
46	8 48	9.3	—	A3	
47	8 54	34.9	11.60	K5	
48	8 59	22.6	9.19	A3	58 2232
49	9 07	59.9	8.71	Ko III	201967
50	9 20	19.5	11.72	Bo	
51	9 35	12.6	10.91	Ao	
52	9 41	52.7	10.45	Ko III	59 2330
53	10 05	43.7	10.24	K2 III	59 2332
54	10 21	56.3	10.55	F2	
55	10 24	45.1	8.47	B2 III	59 2331
56	10 38	47.8	9.76	B8	
57	10 44	30.0	10.28	K5 II-III	59 2337
58	10 45	34.7	10.96	K2 IV	
59	10 46	44.9	11.16	B9	
60	10 50	48.3	11.86	B8	
61	10.53	54.0	12.04	B8	
62	11.10	46.9	10.03	A5	
63	11.24	20.3	11.07	B8	

+59°

№	α_{1956}	δ_{1950}	m_{pg}	Sp	BD HD
64	21 ^h 11 ^m 26 ^s	59°58'.5	—	F2	
65	11 30	53.8	8 ^m .91	M5 I	202320
66	11 30	22.5	10.58	B	
67	11 40	39.4	11.13	Fo	
68	11 54	46.2	10.51	G5	
69	12 16	5.4	11.38	Ao	
70	12 34	40.0	—	F6	
71	12 55	2.7	10.26	B9	
72	13 02	52.0	10.95	G5 V	
73	13 48	6.1	11.07	B8	
74	14 06	23.0	10.68	B8	
75	14 10	59.9	10.97	A4	
76	14 41	44.3	10.43	A7	
77	14 44	1.9	10.65	B8	
78	15 02	27.4	11.27	A7	
79	15 40	45.1	11.97	A4	
80	15 45	7.5	10.02	F5	58 2246
81	16 00	29.2	9.97	G5 IV	59 2348
82	16 05	46.7	9.95	B9	59 2349
83	16 18	53.4	9.10	B3 I	59 2350
84	16 48	53.4	10.09	B2 I	
85	16 52	18.5	11.22	Ao	
86	16 59	18.9	11.36	B9	
87	17 12	22.0	11.51	A3	
88	17 17	17.1	11.13	B9	
89	17 52	14.0	11.44	B8	
90	17 59	46.2	9.95	Ko III	59 2356
91	17 59	39.0	10.44	A2	59 2355
92	18 02	33.2	11.25	A3	
93	18 16	3.2	11.00	F8	
94	18 20	20.6	12.03	B9	
95	18 23	21.1	12.29	Ao	
96	18 29	19.8	12.46	A1	
97	18 29	46.3	—	A3	
98	19 15	12.8	11.21	F8	
99	19 15	37.0	10.86	B9	
100	19 20	48.8	10.47	Fo	
101	19 21	42.3	11.33	A2	59 2358
102	19 39	43.8	12.01	Go:	
103	19 48	22.0	11.91	A3	
104	19 48	56.2	10.67	K2 II	59 2360
105	20 09	2.5	11.48	Ao	
106	20 30	4.4	10.91	B9	
107	21 05	22.8	11.10	Ao	
108	21 30	34.2	—	Ao	
109	21 51	35.1	11.47	B8	
110	22 03	30.0	11.11	Ao	
111	22 05	9.6	—	Fo	58 2259
112	22 09	38.5	12.00	Ao	
113	22 13	38.2	9.12	B2 V	59 2368
114	22 29	20.5	11.36	K2	
115	22 47	56.6	10.94	Fo	
116	22 53	32.9	9.29	K2 III	20 4151
117	23 01	22.2	—	A2	58 2262
118	23 08	32.9	10.55	G5 V	59 2372
119	23 10	57.2	12.15	A1	
120	23 23	41.1	10.66	G2	59 2373

+59°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
121	21 ^h 23 ^m 53 ^s	59°22'.4	—	A2	
122	24 03	20.4	11 ^m .07	A3	
123	24 13	15.8	10.56	A0	
124	24 28	44.9	—	F0	59 2375
125	24 29	52.9	9.72	B5 V	59 2376
126	24 38	57.0	9.16	A0	59 2377
127	24 50	4.9	10.59	F2	58 2264
128	24 54	38.5	10.19	B5 V	59 2378
129	25 19	31.5	11.76	B9	
130	25 30	40.3	12.44	A1	
131	25 45	25.2	9.84	B8	58 2267
132	25 55	52.8	11.97	G8	
133	25 56	40.8	9.21	A0	59 2381
134	26 41	2.7	10.41	A3	58 2270
135	26 48	20.8	11.71	A5	
136	26 53	52.8	12.08	K7	
137	27 18	33.8	11.92	B9	
138	27 23	58.1	11.76	G5	
139	27 45	36.6	10.85	Ko IV	
140	28 11	34.5	12.06	B	
141	28 19	33.2	10.90	F0	
142	28 22	46.5	—	A0	
143	28 35	54.4	—	B8	
144	28 43	59.3	—	K7	
145	28 50	21.4	11.84	Ko III	
146	28 56	52.7	—	A3	
147	29 02	31.8	—	B3 V	
148	29 03	8.4	10.30	A4	58 2276
149	29 09	19.9	—	B8	
150	29 25	27.6	—	—	
151	29 33	46.8	—	B8	
152	29 58	18.3	—	F	
+60°					
1	20 ^h 57 ^m 22 ^s	60°12'.8	11 ^m .85	G8:	
2	57 34	18.7	9.66	A2	59 2305
3	58 11	27.8	11.23:	K2 II	60 2183
4	58 39	28.6	10.30:	Go	60 2186
5	59 01	33.3	10.74:	Ko II	66°2187
6	59 18	37.2	9.78:	A0	60 2189
7	59 46	44.8	11.19	A2	
8	21 ^h 0 01	25.9	11.00:	B8	
9	0 12	27.3	11.30	B8	60 2191
10	0 14	25.2	10.62	B9	
11	0 15	9.8	9.87	Go	59 2308
12	0 19	49.1	11.83	G8	60 2192
13	0 50	32.1	11.17:	Go	
14	0 57	43.5	9.58	A1	60 2193
15	1 16	17.7	11.93	A0	
16	1 33	2.0	11.63	A5	
17	1 51	15.2	11.59	F	
18	1 53	54.8	10.53	G8 III	60 2194
19	2 34	46.7	11.55	G5	
20	3 34	15.3	11.64	A2	

+60°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	BD HD
21	20 ^h 3 ^m 55	60°4'.4	—	M5	
22	4 03	48.3	12 ^m .34	G2 IV	
23	4 04	8.2	10.41	G8:	
24	4 11	37.7	11.46	F2	60 2198
25	4 24	17.7	10.12	A4	59 2315
26	4 35	43.2	—	B9	
27	4 42	45.6	11.82	K3 III-IV	
28	5 18	36.8	11.62	F2	60 2199
29	5 27	23.0	9.85	A2	60 2200
30	5 29	41.9	9.81	K2 III	60 2201
31	5 48	46.3	10.51	A4	
32	5 57	36.9	11.83	G5	
33	6 03	20.3	11.04	F	
34	6 16	30.0	9.12	F0	59 2322
35	7 05	51.8	9.83	M3 III	60 2202
36	7 19	28.2	11.52	G5 V	60 2203
37	7 23	5.1	10.70	F2	60 2204
38	9 09	15.7	10.00	F6	59 2323
39	9 13	3.1	9.56	G2	59 2326
40	9 14	41.6	10.42	G5	59 2328
41	9 16	3.6	11.09	F2	60 2207
42	9 22	31.5	10.55	F6	59 2329
43	9 40	6.8	11.31	G5 III	
44	9 44	0.8	10.21	B2 III	59 2331
45	9 48	2.3	9.07	B8	
46	9 56	51.7	11.38	F5	60 2208
47	10 05	42.2	11.27	F2	60 2209
48	10 22	35.5	10.03	B9	
49	10 30	51.9	10.78	G5	
50	10 32	18.8	11.02	Go	59 2335
51	10 58	11.8	10.03	A7	59 2239
52	11 01	20.3	10.09	F6	59 2340
53	11 25	19.7	11.08	Ko IV	59 2341
54	11 36	8.9	10.98	B9	
55	11 37	29.5	10.39	B5 III	60 2210
56	11 54	51.8	11.38:	F2	
57	11 59	34.7	10.71	F8	
58	12 05	21.9	9.67	B8	59 2343
59	12 08	34.4	10.91	F2	
60	12 11	23.5	10.60	Ko IV	60 2211
61	12 44	49.1	10.80	A2	
62	13 39	13.7	10.31	Go:	59 2345
63	13 40	5.1	11.06	K2 II-III	
64	13 49	52.3	11.22	G2	
65	13 54	6.8	11.43	B8	
66	14 03	20.3	10.63	B8	
67	14 09	34.4	—	A2	
68	14 09	19.1	10.96	B9	
69	14 19	48.6	11.43:	F8	
70	14 20	18.0	11.74:	A3	
71	14 36	50.9	11.42:	Ko	
72	14 59	18.0	12.21:	A0	
73	15 03	34.3	11.82	A0	
74	15 22	17.9	11.87	K	
75	16 13	39.8	11.41	K7	60 2213
76	16 24	20.7	10.34	F8	59 2351
77	16 29	27.8	12.18	B9	

+60°

№	α_{1920}	δ_{1920}	m_{pg}	Sp	BD HD
78	21 ^h 16 ^m 44 ^s	60°13'.5	10 ^m 95	A5	
79	16 59	21.7	11.50	B8	
80	17.02	13.5	10.46	B8	
81	17 06	27.9	10.86	B8	
82	17 06	51.8	10.86	F6	
83	17 18	58.4	8.24	M2 III	203265
84	17 18	15.6	9.90	G8 III	59 2352
85	17 20	2.9	10.37	F5	59 2353
86	17 28	9.4	11.86:	A1	
87	17 46	28.8	11.18	A0	
88	17 52	38.7	9.51	F2	60 2218
89	18 21	0.3	11.54	B9	
90	18 33	42.0	10.43	A0	60 2220
91	18 51	58.0	9.99	F0	60 2221
92	18 57	55.4	9.51	A1	60 2222
93	18 56	25.1	9.03	K5 I	203534
94	19 02	19.5	—	K3 III	59 2357
95	19 09	46.7	—	K7 I	60 2225
96	19 29	19.3	9.90	B5 V	
97	19 57	4.5	—	A5	
98	20 01	29.3	8.80	A7	203695
99	20 04	2.6	9.13	B9	59 2361
100	20 20	13.4	10.24	G5 IV	59 2363
101	20 28	47.9	12.05	A0	
102	20 33	37.6	11.57	A8	
103	20 55	22.2	11.75	A0	
104	20 56	53.3	11.24	G8 III	
105	21 00	11.0	10.66	G2	59 2364
106	21 05	2.8	9.62	B8	59 2365
107	21 17	19.8	10.65	B9	
108	21 20	10.6	10.09	B5 III	59 2366
109	21 43	0.6	11.32	A0	
110	22 10	5.7	11.22	A3	59 2367
111	22 10	22.8	10.71	B9	59 2369
112	22 15	48.3	11.96	B8	
113	22 21	2.3	10.19	B9	59 2370
114	22 27	46.7	12.22	B8	
115	22 32	24.1	11.78	G2	
116	22 33	18.4	12.05	B8	
117	22 33	42.6	11.84	A1	
118	22 41	15.1	11.58	A1	
119	23 10	57.2	12.15	A1	
120	23 24	43.8	11.87:	B9	
121	23 25	45.1	—	B9	
122	23 35	16.7	12.34	A2	
123	23 48	4.7	10.11	G5 III	59 2374
124	24 10	7.5	11.28	B9	
125	24 10	33.3	10.87	B9	60. 2238
126	24 17	50.3	—	A0	
127	24 29	1.5	11.15	B8	
128	24 38	15.0	11.87	—	
129	24 39	8.9	11.96	B9	
130	24 47	34.5	—	B9	
131	25 14	26.8	12.03	A0	
132	25 17	28.7	12.30:	A2	
133	25 30	39.5	—	F2	

+60°

№	α_{1920}	δ_{1920}	m_{pg}	Sp	BD HD
134	21 ^h 25 ^m 37 ^s	60° 6'.9	9 ^m 95	F5	59 2379
135	25 48	19.8	9.63	G5 III	59 2380
136	25 56	41.3	—	B5 III	60 2243
137	25 55	10.8	10.68	B9	59 2382
138	26 17	23.1	—	F2	
139	26 26	5.3	11.90	K7:	
140	27 06	2.1	9.31	B2 I	

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