RADIAL VELOCITIES OF 2111 STARS

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ABSTRACT

Herein are presented radial velocities and spectral classifications of 2111 stars, determined from observations with the 60-inch and 100-inch reflectors of the Mount Wilson Observatory.

Since the erection of the 60-inch telescope in 1908 a considerable portion of its time has been devoted to observations for determining stellar radial velocities. Beginning with the stars with measured parallaxes, the program was early expanded to include all the stars fainter than 5.5 visual magnitude of spectral classes F–M in the Boss *Preliminary General Catalogue* and all other stars with proper motions known to exceed 0".1 per year. In 1934 the Mount Wilson Observatory agreed to determine the velocities of 437 stars in Kapteyn's Selected Areas. Less extensive programs added at various times covered the stars in the four moving clusters, Hyades, Pleiades, Praesepe, and Perseus, and visual double stars in which the separation is large enough to permit observation of both components. Since 1918 the use of the 100-inch telescope has facilitated the observation of the fainter stars.

The more extensive lists of radial velocities resulting from these programs are as follows:

W. S. ADAMS and A. KOHLSCHUTTER. 100 stars with measured parallaxes. *Mt. W. Contr.*, No. 79; *Ap. J.*, **39**, 341, 1914.
W. S. ADAMS. 500 stars. *Mt. W. Contr.*, No. 105; *Ap. J.*, **42**, 172, 1915.
W. S. ADAMS and A. H. JOY. 1013 stars. *Mt. W. Contr.*, No. 258; *Ap. J.*, **57**, 149, 1923.
W. S. ADAMS, A. H. JOY, R. F. SANFORD, and G. STRÖMBERG. 741 stars. *Mt. W. Contr.*, No. 387; *Ap. J.*, **70**, 207, 1929.
W. H. CHRISTIE and O. C. WILSON. 600 stars. *Mt. W. Contr.*, No. 593; *Ap. J.*, **88**, 34, 1938.
A. H. JOY. 181 dwarf stars. *Mt. W. Contr.*, No. 726; *Ap. J.*, **105**, 96, 1947.
R. E. WILSON. 204 stars in the Hyades. *Mt. W. Contr.*, No. 741; *Ap. J.*, **107**, 119, 1948.

By 1942 there had accumulated in our files one or more plates of a large number of stars taken for a variety of reasons, but the observations had not been completed, and none of the work on the Kapteyn areas had been published. At that time the unfinished work was incorporated in one general program under the supervision of R. E. Wilson.

The observations from 10 to 24 hours of right ascension and from declination $-25°$ to the pole are now complete. Some work remains to be done from 0 to 10 hours of right ascension, mainly in 6–8 hours, the region covered during our poorest observing season, but the accumulation of velocities has become so great that it seems advisable to make the results available now.

Most of the velocities are based upon plates taken with dispersions of 38 or 75 A/mm at $H\gamma$. For a few of the faintest stars we have also used 120 A/mm, and for a few of the brightest stars the 10 A/mm of the coudé spectrograph at the 100-inch. All the members of the spectrographic department have shared in securing the spectrograms, but since 1942 R. E. Wilson has taken most of them. The completion of the measures of the plates obtained during the war years and those taken since is principally due to the valued assistance of Mary F. Coffeen, A. Louise Lowen, and Sylvia Burd. The classifications of spectra were made by A. H. Joy. The velocities of the early B stars and the interstellar velocities are mainly from the work of P. W. Merrill and R. F. Sanford.

The columns of the table need but little explanation. In the first column, "A" denotes Aitken's *New General Catalogue of Double Stars;* "B," Boss's *Preliminary General Catalogue;* "C," *Publications of the Cincinnati Observatory*, Volume **18;** and "G," the Boss *General Catalogue of Positions and Proper Motions*. For stars not in one of these four catalogues the BD numbers are given, the initials being omitted. The principal source of the magnitudes is the *Henry Draper Catalogue;* that of the proper motions, the Boss *General Catalogue*. In the tenth column, "r" denotes a revision of an earlier published value on the basis of additional plates or measures, and an asterisk calls attention to the notes following the table. In the last column, which gives radial velocities published by other institutions, and in the notes the following symbols are used: "B," Bonn; "D," Dunlap (Toronto); "L," Lick; "M," Moore's *General Catalogue;* "Md," McDonald; "Mi," Michigan; "O," Ottawa; "S," Simeis (Pulkova); "V," Victoria; "W," Mount Wilson; "Y," Yerkes. Velocities from the individual plates of spectroscopic binaries, interstellar (IS) velocities, and comments on the spectra are given in the notes.

TABLE I

RADIAL VELOCITIES OF 2111 STARS

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′	. ′	″		km	km		
B 6176	225009	0 00.0	+65 49	6.0	0.011	gG5	- 17.6	1.0	5r	
G 17	225094	00.8	+63 22	6.3	.062	cB2e	- 39.4	1.3	7*	- 47.9 V
G 24	225136	01.3	+66 26	6.6	.021	gM4	+ 13.6	0.9	2	+ 17.6 D
B 6182	225212	01.9	-10 47	5.2	.010	cK5	- 42.0	2.1	4	- 41.9 L
G 61	26	02.8	+ 8 30	8.2	.258	sgG2p	-213.4	0.7	3*	
G 98	203	0 04.3	-23 23	6.1	.116	dA7	- 2.9	1.7	3	
72° 1140	219	04.5	+72 56	8.0	---	dF2n	- 20.8	2.2	4	
G 118	245	05.4	+86 31	9.2	.329	dF7	- 80.3	1.9	3	
G 126	360	05.7	- 9 06	6.1	.064	gG8	+ 20.9	0.1	3	
G 131	400	06.1	+36 21	6.1	.179	dF5	- 14.0	1.2	3	- 14.5 SV
G 139	404	0 06.3	+66 11	8.4	.176	dK2	- 59.2	1.7	3	
G 181	645	08.2	-12 51	5.9	.155	dK1	+ 4.9	0.1	3	
B 26	877	10.5	-22 45	6.7	.018	gG4	- 16.	var	4*	
γ Peg	886	10.7	+14 54	2.9	.010	B2	+ 2.9	0.6	12*	+ 4.8 L
G 268	1015	11.9	-14 42	7.0	.140	dF8	- 1.0	0.6	3	
G 273	1037	0 12.1	-15 05	6.9	.097	gG8	- 29.3	0.9	3	
G 278	1051	12.3	-14 27	6.9	.090	gA8	- 9.0	1.5	3	
15° 30	1213	14.0	+15 34	8.2	.032	gFo	- 4.6	1.1	3	
A 237A	1309	14.8	+16 14	8.4	.044	dG4	- 3.	var	4*	
A 237B	----	14.8	+16 14	9.0	---	dG5	- 2.8	0.8	3	
σ And	1404	0 15.7	+36 30	4.5	.074	A2n	- 3.5	2.1	4r	- 9.9 M
A 252A	1429	15.9	+25 52	7.6	.055	dA6n	- 11.2	0.7	3*	
A 252B	----	15.9	+25 52	8.0	---	dF2	- 9.2	1.5	3	
A 257A	1450	16.1	+15 42	9.0	.042	dF4	+ 10.2	1.0	3	
A 257B	----	16.1	+15 42	9.0	---	dF4	+ 10.2	0.8	4	
A 285A	1641	0 18.3	+32 42	7.0	.063	dF4	- 6.4	1.0	2	- 3.0 D
49° 73	----	22.5	+49 50	8.6	.104	dK3	- 64.6	0.3	3	
B 75	2140	23.1	+ 7 25	7.2	.062	gK3	- 17.2	2.0	4	
30° 60	2343	24.8	+30 28	8.4	.025	gG7	- 22.2	2.5	4*	
G 550	2454	25.7	+ 9 55	6.0	.207	dF3	- 11.5	0.9	4r	- 9.4 V
74° 14	2520	0 27.0	+74 58	8.2	---	dGo	- 61.6	1.1	3	
B 88	2629	27.4	- 1 24	7.5	.167	dF1	- 0.2	1.1	3	
G 600	2663	28.2	+69 31	7.4	.309	dF8	+ 10.6	0.6	3	
G 611	2767	28.8	+33 18	6.1	.048	gG8	+ 5.3	0.1	3	+ 11.6 D
G 633	2880	29.6	- 5 27	8.7	.272	dG8	- 10.1	0.9	3	
κ Cas	2905	0 30.1	+62 39	4.2	.000	cBoe	- 1.1	2.1	3*	- 4.1 M
G 650	2952	30.4	+54 37	6.1	.079	gG8	- 34.1	0.3	3	- 34.5 D
G 685	----	32.2	+78 59	9.0	.167	dG7	+ 14.0	2.2	4	
A 486A	3165	32.5	+36 33	6.8	.020	gK1	- 8.4	0.9	3	
A 486B	----	32.5	+36 33	8.8	---	gG5	- 7.4	1.9	2	
B 117	3229	0 33.0	- 0 47	5.9	.144	dF7	+ 7.2	1.4	3	+ 4.3 S
B 126	3440	35.9	+82 13	6.4	.143	dF8	- 33.6	0.9	3	- 34.6 V
73° 26	----	36.2	+74 29	9.1	---	dG4	+ 0.1	0.5	3	
62° 130	3637	36.8	+62 57	7.7	.304	dF5	- 28.1	1.9	3	
A 562A	3743	37.7	+23 47	7.2	.034	dA5	- 3.5	1.7	3	
A 562B	----	0 37.7	+23 47	8.6	---	dF2n	- 1.8	1.7	2	
G 800	3765	38.1	+39 55	7.5	.752	dK5	- 62.7	0.4	7r	
G 825	3856	39.1	+65 52	5.9	.006	gKo	- 4.2	0.4	3	- 1.0 D
A 608A	4096	40.9	- 1 10	9.2	.312	dG3	- 52.6	1.2	3	
39° 166	4143	41.5	+40 25	8.8	.023	gM1	- 55.4	1.2	3	
G 926	4362	0 43.8	+59 18	6.5	.009	cF9	- 14.3	1.8	2	- 15.5 D
G 943	4440	44.9	+72 24	6.0	.134	sgKo	+ 3.6	0.7	3	+ 0.9 D
45° 202	4514	44.9	+45 28	8.4	.022	gK2	- 13.9	0.2	3	
G 950	4585	45.2	-18 20	5.9	.054	gK3	+ 2.1	1.3	3	
B 174	4676	46.3	+16 40	5.2	.201	dF6	+ 4.7	2.3	3	+ 4.6 L
A 679A	4732	0 46.8	-24 24	6.1	.088	gK2	+ 23.4	1.9	3	
B 179	4775	47.7	+63 59	5.4	.033	dF1	+ 4.8	1.6	4	+ 2.2 LV
73° 39	----	48.0	+74 12	9.4	---	gG5	+ 17.0	1.9	3	
G 1012	4741	48.1	+78 21	8.2	.228	dG7	+ 4.9	1.4	3	
G 1017	4841	48.4	+63 31	7.1	.030	cB5	- 22.3	2.6	5*	- 29.6 V
A 716A	5058	0 49.8	-22 53	7.6	.229	dGo	- 22.8	2.0	4	
55° 191	5005	50.0	+56 21	7.7	---	06	- 26.2	2.9	7	- 21.1 V
G 1066	5129	50.8	+43 06	7.2	.286	dGo	- 10.	var	4*	
A 735A	5128	50.9	+52 25	6.2	.076	gA8	- 4.4	0.5	2	- 1.2 V
A 735B	----	50.9	+52 25	9.2	---	dG4	- 2.0	2.0	2	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 1103	5384	0 53.2	- 7 37	6.0	0.043	gK5	+ 2.4	1.6	3	
-0° 145	5520	54.5	+ 0 11	8.0	.008.	dF3	+ 8.4	2.5	4	
G 1141	5543	54.7	+ 1 07	8.0	.018	dF2	+ 0.3	1.1	3	
-0° 146	5544	54.7	+ 0 04	7.7	.021	cK1	- 12.7	2.0	3	
A 806A	5659	55.7	-15 57	7.7	.027	dF6	+ 0.1	0.4	3	
A 806B	----	0 55.7	-15 57	7.8	.025	dF7	- 2.6	2.0	3	
G 1190	5715	57.1	+70 43	6.5	.087	A4n	+ 9.	3.7	4	+ 2.1 V
59° 163	5797	57.5	+60 11	8.8	.014	gA8	- 8.6	1.9	5	
G 1212	5839	58.2	+69 05	6.7	.002	B9	+ 4.9	1.0	3	
60° 143	5890	58.4	+60 47	8.9	.049	dF1n	+ 1.5	1.8	4	
G 1232	5817	0 59.1	+81 50	8.4	.190	dG2	- 51.2	0.9	3	
B 222	6077	59.5	+ 7 40	7.8	.041	gG9	+ 24.	var	4*	
G 1244	5996	59.6	+68 58	8.1	.278	dG7	- 20.2	1.1	3	
G 1271	6226	1 01.0	+47 22	6.7	.003	B6	- 52.	var	5*	- 56.v VS
G 1279	6210	01.2	+61 19	5.9	.071	dF5	- 19.2	0.8	3	- 14.8 D
A 875A	6288	1 01.2	+ 1 06	6.1	.123	dA8n	+ 8.0	1.4	2	+ 3.5 V
A 875B	----	01.2	+ 1 06	9.0	---	dG8	+ 6.4	0.1	3	
G 1290	6301	01.7	+29 24	6.1	.139	dF6	- 5.0	0.7	3*	+ 4.1 S
B 234	6397	02.4	+14 41	5.6	.052	dFo	- 1.6	0.7	3*	+ 5.9 V
A 903A	6479	03.2	+ 4 39	6.8	.117	dF4	- 5.5	0.5	3	- 9.9 V
A 903B	6480	1 03.3	+ 4 39	7.6	.117	dF5	- 14.3	2.2	3	- 7.8 D
A 918AB	6586	04.3	+38 23	7.3	.046	dF8	+ 13.9	1.0	3	
A 923A	6651	04.6	- 2 00	7.5	.066	dF6	- 6.8	0.8	3	
A 923B	----	04.6	- 2 00	8.3	.062	dG3	- 1.5	1.8	3	
G 1415	6953	07.6	+25 12	6.1	.112	gK5	+ 4.6	0.8	4	+ 6.4 D
B 265	6972	1 08.4	+64 45	5.5	.026	B8n	+ 5.0	2.0	6	- 7. LY
A 988A	7215	10.1	+31 49	6.6	.008	*	- 2.	var	4*	
G 1472	7252	10.9	+60 37	7.3	.048	B3	- 1.4	1.2	2*	- 3. V
G 1475	7307	11.1	+26 52	8.7	.043	gM5	+ 27.5	1.3	4	
A 1023A	7651	13.8	- 7 25	9.8	.036	dGo	+ 9.2	0.9	3	
A 1023B	----	1 13.8	- 7 25	9.9	---	dGo	+ 9.2	2.3	3	
G 1562	7623	15.1	+76 32	7.6	.024	gKo	- 77.2	1.7	3	
B 292	7732	16.1	+77 18	6.4	.092	sgG4	- 71.9	0.8	3	- 75.6 D
14° 252	7920	16.2	-13 40	8.1	.032	cK2	+ 14.5	1.5	3	
75° 58	7924	17.8	+76 26	7.3	---	dKo	- 22.2	1.9	3	
G 1626	8142	1 18.2	-14 09	7.0	.057	gG4	+ 7.6	1.6	5	
C 175	8249	19.3	+14 56	8.3	.276	dG2	+ 9.9	0.4	3	
C 176	8243	20.2	+67 51	8.8	.14:	dG5	+ 8.6	2.2	4	
13° 249	8389	20.6	-13 13	8.3	---	dKo	+ 31.1	1.5	3	
G 1697	8556	21.8	- 7 10	6.0	.038	dF2	+ 28.1	0.8	3	
G 1729	8671	1 23.4	+43 12	6.1	.116	dF6	+ 31.7	0.2	2	+ 30.0 DV
B 320	8779	23.9	- 0 39	6.5	.040	gKo	- 5.9	0.7	6r	
29° 240	8826	24.7	+30 15	8.5	.065	dFo	- 8.6	0.3	3	
G 1762	8730	25.0	+73 57	7.3	.229	dG5	+ 24.4	1.7	3	
30° 230	9023	26.6	+30 38	8.3	.112	dF3	+ 4.2	1.9	3	
G 1804	9070	1 27.0	+30 45	8.2	.226	dG5	+ 12.3	1.7	3	
29° 252	----	27.3	+30 06	8.5	.013	gM2.5	- 19.1	0.7	3	
μ Psc	9138	27.6	+ 5 53	5.1	.292	gK4	+ 35.8	0.9	6r	+ 35.0 M
G 1825	9105	27.9	+63 05	7.5	.019	cB5e	- 38.6	1.8	10*	- 38.8 V
29° 256	9269	28.9	+30 22	8.4	.073	gKo	+ 43.7	1.1	7	
29° 260	9483	1 30.8	+30 09	8.1	.028	A4n	+ 13.	var	4*	
G 1883	9540	30.9	-24 26	7.0	.330	dG8	+ 0.4	0.6	3	
G 1888	9562	31.2	- 7 17	5.9	.194	dG2	- 15.1	0.9	3	
B 340	9531	31.4	+36 59	5.8	.015	B9n	- 4.	4.4	5*	
A 1227AB	----	31.6	+34 24	9.3	---	dG5	- 28.2	0.8	3	
G 1905	9590	1 32.2	+55 47	7.1	.023	B9	+ 6.0	0.7	6	
G 1977	9996	35.5	+45 09	6.3	.040	cAo	- 1.6	2.2	4*	+ 3.0 D
G 1986	10013	36.1	+64 54	8.4	.299	dG6	- 57.7	1.9	4	
53° 354	10031	36.1	+54 21	7.4	.010	A4n	- 3.4	1.3	6	
55° 375	10063	36.5	+55 32	7.6	.018	B8	- 31.8	1.0	6	
B 365	10148	1 36.5	-21 32	5.7	.126	A4n	+ 18.	3.4	5*	
G 2003	10126	36.8	+27 51	7.9	.534	dG6	+ 55.1	1.3	4r	
44° 347	10212	37.8	+44 45	8.2	.079	gKo	- 26.5	2.3	4	
44° 352	10322	38.8	+45 20	8.8	.014	cK3	- 26.4	0.5	3	
B 374	10332	39.2	+60 18	7.4	.007	gK1	+ 5.5	2.1	4r	+ 3. V

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 2103	10495	1 40.5	+55 38	7.4	0.028	dA6	- 19.0	1.8	6	
A 1369A	10668	41.6	+ 9 14	8.3	.157	dF3	+ 2.8	1.1	4	
A 1369B	----	41.6	+ 9 14	8.7	.194	dF4	+ 4.1	1.5	3	
G 2127	10718	42.0	-20 51	7.8	.315	dG4	+ 0.9	1.8	3	
C 242	10785	42.8	-16 09	8.5	.331	dG4	- 7.4	2.0	3	
B 398	10845	1 43.9	+17 10	6.5	.053	dA7n	+ 3.	var	6*	- 8.1 S
G 2196	11037	45.8	+ 3 26	6.0	.023	gG6	+ 2.4	1.0	3	+ 4.0 D
A 1457B	11154	47.4	+22 02	7.4	---	gG5	+ 1.8	1.4	4r	
B 409	11151	47.7	+51 41	5.9	.125	dF3	- 15.5	0.3	2	- 18.4 V
54° 393	11187	48.2	+54 40	7.1	.015	Ao	+ 5.0	0.4	6	
G 2236	11161	1 48.4	+66 12	8.9	.285	dGo	- 3.0	1.1	3	
A 1500A	11430	50.2	+37 05	7.0	.055	dF4	- 13.9	0.9	3	
A 1500B	----	50.2	+37 05	8.4	---	dF6	- 11.0	1.0	3	
B 435	11803	53.3	+ 1 36	6.2	.246	dGo	+ 29.1	1.1	5	+ 30.0 V
G 2357	11928	54.9	+27 34	6.0	.062	gM2	- 4.1	1.7	3	
A 1613AB	12376	1 59.2	+36 29	8.0	.174	dG5	+ 16.8	1.2	3	
B 457	12301	59.3	+64 09	5.6	.006	cB8	- 21.1	0.7	10r*	- 19. V
G 2471	12583	2 00.6	-15 33	5.9	.021	gG5	+ 6.4	1.5	3	
B 470	12558	00.8	+25 42	5.7	.134	dF4	+ 15.8	1.9	3	+ 14.4 S
G 2485	12642	01.2	- 4 21	5.9	.061	cK5	+ 25.0	1.5	3	
G 2489	12509	2 01.3	+64 09	8.0	.006	cB2	- 17.2	1.9	4	
56° 424	12709	02.6	+57 03	8.0	.003	B3	- 19.6	1.9	3	
44° 422	----	03.9	+44 57	9.5	---	dGo	- 11.	3.0	3*	
A 1683A	13294	07.8	+38 48	6.0	.022	Aon	0.	3.6	3	+ 1. V
A 1683B	13295	07.9	+38 48	6.7	.026	Aon	+ 15.6	0.5	2	+ 14. V
B 488	13267	2 08.0	+57 25	6.4	.015	cB8	- 35.2	1.3	8r	- 32.0 V
A 1689A	13357	08.2	+13 27	8.4	.158	dG4	+ 23.7	0.3	3	
A 1689B	----	08.2	+13 27	8.9	.115	dG8	+ 23.1	1.3	5	
G 2623	13456	08.9	-10 17	6.1	.171	dF2	+ 10.9	0.5	3	
G 2631	13403	09.4	+56 58	7.0	.347	dG1	- 34.3	1.8	3r	
B 499	13520	2 10.1	+44 00	5.1	.025	gK3	- 48.3	1.9	3	- 45.8 LV
G 2654	13449	10.3	+66 30	7.7	.127	dKo	- 27.5	1.3	3	
57° 521	13543	10.5	+57 41	8.9	.089	gG6	- 20.4	0.3	3r	
G 2662	13692	10.7	-21 14	6.0	.063	gG6	+ 38.9	1.1	3	
57° 526	13744	12.4	+58 04	7.8	.004	Ao	- 52.0	2.5	5r	
55° 554	13745	2 12.4	+55 46	8.0	.010	B2	- 29.5	1.3	6r*	
56° 469	13831	13.2	+56 30	8.6	.004	cB1	- 43.	var	4r*	
G 2724	13866	13.5	+56 29	7.7	.040	cB2	- 47.0	1.7	5r*	
55° 564	13970	14.3	+56 25	8.6	.006	B3	- 19.	var	6*	
A 1752A	14082	14.5	+28 31	6.6	.099	dF6	+ 5.8	1.5	3	
A 1752B	----	2 14.5	+28 31	7.6	.100	dGo	+ 3.4	0.9	3	
G 2758	14039	14.9	+56 20	8.6	.412	dKo	+ 3.7	1.9	3	
56° 527	----	15.7	+56 54	8.4	.009	B3	- 33.4	1.7	4	
14° 423	14284	15.8	-14 21	8.1	.056	gM5.5	+ 28.1	0.2	3	
B 522	14212	16.0	+47 09	5.1	.059	Aon	- 29.2	1.6	8r	- 29.5 M
G 2786	14262	2 16.1	+22 56	6.4	.004	dA7n	- 8.	3.0	5	- 22. V
56° 543	14210	16.3	+57 06	8.0	.013	Aon	- 39.0	1.5	3r	
A 1780AB	14394	16.9	+29 33	8.5	.038	dF3	- 9.4	1.5	3	
G 2800	14322	17.2	+55 41	6.8	.014	cB9	- 35.0	2.1	7*	
56° 555	14357	17.7	+56 38	8.9	.008	B3	- 41.1	1.5	5	
57° 550	14404	2 18.0	+57 38	8.6	.008	gM2	- 38.5	2.8	3	
56° 570	14443	18.4	+56 56	8.6	.011	cB2	- 39.5	1.7	4	
B 534	14489	18.9	+55 37	5.2	.003	cA2	- 16.2	0.7	7r*	- 14.0 M
56° 591	14535	19.2	+57.01	7.5	.010	cA2	- 53.5	1.9	4	
15° 331	14610	19.2	+15 47	8.1	.116	dA9	- 21.	var	4*	
B 535	14542	2 19.4	+57 10	7.0	.002	cB8	- 47.4	0.5	7r*	
55° 600	14543	19.4	+56 24	8.4	.006	gG9	- 38.6	2.7	4r	
G 2847	14692	19.4	-14 31	7.4	.035	dA8n	+ 5.5	1.8	4	
56° 595	----	19.7	+56 58	8.6	.008	gM1	- 46.6	0.1	2	
56° 609	14826	21.7	+57 13	8.5	.012	gM4	- 41.6	1.3	3	
14° 392	14887	2 21.7	+15 18	7.8	.036	dFo	- 39.	var	5*	
G 2925	14956	23.2	+57 27	7.3	.034	cB1	- 25.	var	6*	- 30.3 V
B 553	15144	23.6	-15 34	5.8	.074	A4	- 8.3	2.5	6r	
G 2941	15220	24.3	-20 16	6.0	.129	gK3	+ 42.9	1.5	3	
56° 630	15124	24.6	+57 03	8.2	---	B4n	- 10.3	1.9	3	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
B 561	15335	2 25.9	+29 42	5.9	0.103	dGo	+ 37.1	0.8	3	+ 40.6 V
G 2973	15316	26.4	+57 36	7.3	.029	cA2	- 43.8	0.6	4r	
G 2974	15385	26.4	+23 15	6.1	.084	gA5	+ 20.2	1.9	4	+ 21.1 V
G 2992	15555	27.3	-24 20	7.5	.359	dKo	+ 29.4	1.0	3	
B 565	15524	27.7	+25 01	5.9	.100	dF4	- 10.1	1.9	4	- 12.8 V
B 571	15656	2 29.0	+35 56	5.4	.049	gK5	- 36.2	1.0	2	- 35.8 L
B 574	15779	29.6	- 1 15	5.5	.042	gG3	- 5.5	1.2	3	
B 573	15703	29.9	+52 05	6.5	.013	A2	- 12.8	1.9	2	- 11.6 V
B 584	16074	32.2	- 8 05	5.8	.088	gK4	+ 25.4	0.4	3	
30° 417	16090	32.9	+30 56	7.9	.095	dGo	- 7.4	2.0	4	+ 2. L
68° 176	15948	2 33.1	+68 51	7.4	---	gG9	- 41.3	0.8	3	
G 3125	16024	33.5	+65 32	6.1	.050	cK5	+ 43.7	0.5	3	+ 41.6 D
B 590	16212	33.5	- 8 03	5.7	.066	gMo	+ 14.6	0.5	3	
B 595	16400	35.2	- 3 37	5.8	.055	gG5	+ 8.2	0.8	3	
ε Cet	16620	37.1	-12 05	5.0	.274	dF5	+ 11.0	1.6	3	+ 15.6 L
G 3203	16619	2 37.3	- 0 04	8.2	.178	dG4	+ 39.4	0.6	3	
B 608	16673	37.8	- 9 40	5.9	.196	dF6	- 4.1	2.8	4*	
B 610	16739	39.1	+39 59	5.0	.186	dF9	- 18.8	1.5	3	- 22.5v L
G 3247	16825	39.2	-14 46	6.0	.055	dF5	+ 1.9	1.1	3	
G 3249	16824	39.3	- 3 26	6.1	.020	gG9	+ 4.7	1.3	3	
B 599	16458	2 40.4	+81 14	5.9	.070	gG9	+ 13.0	0.3	3*	+ 23.5 D
γ Cet	16970	40.7	+ 3 02	3.6	.203	A2n	- 3.	3.5	6	- 5.4 M
44° 573	17115	42.0	+45 15	8.1	.017	B9	- 0.1	1.8	4	
G 3315	17163	42.7	+ 4 30	6.0	.078	gFon	+ 22.	var	3*	+ 18.4 SV
G 3325	17190	43.3	+25 27	8.1	.276	dG8	+ 8.9	0.7	3	
G 3418	17656	2 48.3	+46 38	6.0	.038	gG5	- 13.7	1.7	3	- 10.0 D
G 3439	17743	49.3	+52 48	6.4	.011	B9	+ 1.3	1.4	3	
τ Per	17878	50.7	+52 34	4.1	.004	gG1	+ 1.	var	5	+ 2.2v M
B 656	17948	52.0	+61 19	5.6	.152	dF4	+ 28.2	0.6	2	+ 28.4 V
-0° 451	18175	52.3	+ 0 15	7.2	.074	gK1	- 33.0	0.6	4	
B 666	18331	2 54.1	- 3 55	5.3	.050	A3n	- 9.	3.9	7r	- 17. LVY
G 3549	18369	54.6	+ 0 15	6.7	.033	dA5n	- 4.1	2.4	4	
A 2237A	18384	54.6	- 0 47	7.1	.022	gG5	+ 10.8	0.7	3	
G 3556	18339	54.9	+38 25	6.1	.016	gK3	- 39.3	1.3	3	- 41.6 D
A 2270A	18537	57.3	+52 09	5.4	.038	B8n	- 3.	3.0	4r	- 4.1 M
A 2270B	18538	2 57.3	+52 09	6.8	.026	Aln	+ 0.8	2.7	4	
B 688	18784	58.7	- 7 52	5.9	.118	dG6	+ 14.7	0.8	3	
G 3642	18885	59.5	-10 09	6.0	.050	gG6	+ 12.0	1.0	3	
B 692	18883	59.8	+ 4 09	5.6	.017	B5	+ 11.8	1.7	3	
B 695	18953	3 00.2	- 7 53	5.5	.048	gG5	+ 25.2	0.3	3	
6° 594	19034	3 01.1	- 5 50	8.3	.42:	dG5	- 19.4	0.7	3	
B 697	18970	01.8	+56 31	5.1	.077	gG8	- 44.9	1.1	3	- 44.8 M
G 3683	19121	02.0	+ 1 40	6.0	.031	gG6	+ 4.6	1.2	3	+ 0.3 D
B 715	19548	06.6	+28 53	5.6	.021	B9n	- 2.	3.1	6	
G 3785	19536	07.5	+60 27	7.3	.044	A3	+ 11.2	2.5	3	+ 12.8v D
15° 554	19934	3 09.4	-15 07	7.9	---	gG5	+ 36.	var	4*	
15° 450	20086	11.3	+15 23	7.3	.035	A3n	+ 17.	3.1	5*	
B 724	20041	12.0	+56 57	5.9	.006	cAo	- 12.6	0.7	8r*	- 11.6 V
59° 616	20040	12.2	+59 56	7.8	.018	gG1	- 35.0	1.5	4	
G 3884	20162	12.7	+45 10	6.4	.069	gM2	- 3.8	1.0	2	- 0.9 D
14° 629	20268	3 12.7	-14 01	7.5	---	gG5	+ 26.2	2.1	3	
G 3904	20277	13.5	+32 00	6.0	.108	sgG8	+ 22.5	2.4	3	+ 17.5 D
G 3907	20319	13.5	- 6 06	6.0	.007	B9n	+ 6.9	2.9	4	
B 721	19978	13.9	+77 33	5.5	.086	A4n	+ 1.	4.2	7*	+ 6.8 LY
14° 646	20622	16.2	-14 28	7.9	---	sgK2	+ 84.8	2.0	4r	
G 3961	20619	3 16.5	- 3 01	7.1	.273	dG2	+ 20.1	1.7	3	
64° 385	20535	18.0	+64 56	8.6	---	gKo	+ 0.3	1.3	3	
G 4009	20507	18.5	+74 00	6.9	.244	dF4	- 28.	var	4*	
B 771	20894	19.2	-23 49	5.7	.033	gG3	+ 6.2	0.3	2	+ 11. L
B 777	21050	21.6	+20 38	5.9	.006	B9	- 8.6	2.9	4	
G 4072	21110	3 22.3	+31 33	7.5	.025	gK4	+ 19.5	0.9	4	
G 4083	21252	22.9	-15 13	8.0	.330	dGo	+ 44.2	2.0	3	
B 781	21291	25.0	+59 46	4.4	.002	cB9	- 5.5	1.5	4*	- 7.2 M
B 783	21362	25.3	+49 41	5.6	.040	B6n	0.	4.2	4	0. M
G 4131	21483	25.7	+30 12	7.1	.018	B3	- 4.	4.1	5	- 6.5 V

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
A 2559A	21448	3 25.8	+44 53	7.4	0.018	B3	- 13.4	1.1	4*	- 10.6 V
A 2559B	----	25.8	+44 53	8.5	---	gG5	- 15.0	0.9	3	
B 786	21389	25.9	+58 42	4.8	.009	cAoe	- 5.9	1.1	3*	- 7.7 M
29° 568	21611	27.2	+29 52	7.5	.008	Aon	+ 4.	3.9	4*	+ 13. D
G 4183	21755	28.1	+ 6 01	6.1	.032	gG5	+ 10.2	0.6	2	+ 12.4 S
44° 732	21771	3 28.9	+44 40	7.3	.010	gK3	- 10.0	2.9	4*	
B 805	21770	29.0	+45 53	5.4	.086	dA9	- 46.1	1.5	2	- 45.4 LV
C 463	21854	31.2	+72 56	9.2	.31:	dK2	- 45.7	1.9	3	
G 4340	22675	36.0	- 7 33	5.9	.052	gG5	- 29.1	0.3	3	
B 839	22951	39.2	+33 48	5.0	.010	B2	+ 35.	var	8*	+ 12.v M
C 495	23065	3 39.4	-10 51	8.8	.408	dG4	+ 1.4	0.9	3	
22° 535	23133	40.6	+22 35	9.2	.067	dFo	- 3.7	0.1	2*	
G 4459	23139	41.2	+45 57	6.1	.037	gA6	+ 3.1	1.3	3	+ 10.1 D
B 840	23005	41.3	+67 03	5.8	.146	dF4	+ 5.0	0.3	2	+ 4.7 V
B 845	23193	41.3	+36 18	5.6	.059	cA3	+ 21.5	0.4	5*	+ 22. V
44° 790	23256	3 41.5	+45 11	7.7	.073	dFo	+ 13.8	1.0	4	
45° 808	23287	42.4	+45 26	7.5	.028	Ao	+ 1.5	1.6	3	
B 853	23300	42.5	+45 32	5.6	.031	B8	+ 4.0	0.5	3	+ 0.3 V
A 2768AB	23524	44.6	+51 53	8.4	---	dG6	- 3.3	1.6	3	
44° 797	23566	44.6	+45 12	7.7	.038	gA6n	- 6.3	2.9	4	
A 2772A	23625	3 44.7	+33 27	6.4	.004	B3	+ 33.	var	5*	+ 36. V
21° 530	23792	45.8	+21 47	8.3	.065	dA8n	- 2.2	1.0	2*	
G 4584	23887	46.1	+ 0 05	6.1	.058	gK3	+ 64.8	0.5	3	+ 68.5 D
G 4593	23978	46.4	-21 03	6.1	.025	gK5	+ 3.4	1.8	3	
G 4598	23800	46.6	+52 20	6.9	.009	B2n	- 16.	6.	4*	- 19.7 V
B 876	23838	3 46.6	+44 49	5.8	.037	gG5	+ 24.	var	4*	+ 12.v D
B 886	24131	48.7	+34 13	5.7	.010	B3n	+ 17.6	0.9	6	+ 17.9 LV
ζ Per	24398	51.0	+31 44	2.9	.015	cB1	+ 20.4	1.1	5*	+ 20.9 M
A 2850B	24554	51.8	- 3 06	6.3	.030	Aln	+ 17.	var	5*	+ 18.v VS
G 4707	24616	51.8	-23 17	6.8	.421	dG6	+100.3	0.5	3	
4° 601	24550	3 51.9	+ 5 02	7.8	.043	gA8n	+ 15.	4.3	5	
G 4729	24712	52.9	-12 15	5.9	.067	gA9	+ 21.9	0.9	3	
ε Per	24760	54.5	+39 52	3.0	.036	B1n	+ 10.	var	9*	- 6.v M
ξ Per	24912	55.7	+35 39	4.0	.009	O7n	+ 70.	var	5*	+ 67. M
G 4785	25069	56.4	- 5 37	6.0	.184	dG9	+ 36.7	1.5	3	
B 931	25457	4 00.0	- 0 24	5.4	.289	dF7	+ 17.0	2.0	4	+ 17.4 M
G 4874	25274	01.0	+68 33	6.1	.018	gMo	- 46.6	1.8	3	- 45.5 Md
G 4877	25173	01.1	+75 03	7.3	.342	dF5	+ 35.9	0.7	6r	
B 933	25555	01.4	+23 58	5.7	.014	dF4	+ 17.3	1.1	4r	
G 4919	25616	02.4	+46 47	6.6	.074	Aln	+ 44.	4.9	4*	
B 947	25940	4 05.0	+47 35	4.0	.040	B3ne	+ 0.8	1.7	6*	+ 4. M
B 952	26162	06.2	+19 29	5.7	.114	gK1	+ 27.1	0.6	6r	+ 24.0 M
G 5018	26311	07.8	+33 27	5.9	.016	cK5	+ 22.3	1.3	3	+ 19.9 D
G 5035	26464	08.4	- 8 57	5.9	.039	gG9	+ 30.1	0.7	3	
75° 167	26047	08.8	+75 42	8.6	.001	dF8	- 7.	var	4*	
B 963	26574	4 09.4	- 6 58	4.1	.088	dF1	+ 2.0	0.9	3*	+ 14.4 L
B 971	26690	10.9	+ 7 35	5.4	.009	gF2	+ 3.	var	4	+ 4.v M
B 974	26764	12.8	+53 29	5.1	.009	Aln	- 13.	3.8	6*	+ 4. M
A 3093B	----	13.0	- 7 44	9.6	---	wA	- 53.	2.	4*	- 20. Md
15° 754	27064	13.8	-15 03	8.1	---	gG9	- 5.8	2.5	4*	
A 3102AB	27028	4 14.1	+19 33	7.6	.066	dF5	- 3.7	0.5	3	
G 5183	27179	14.9	- 6 36	6.1	.020	gG8	- 1.2	0.8	3	
G 5198	27325	15.9	-14 46	6.9	.031	gG6	+ 15.4	1.8	3	
G 5220	27278	16.8	+41 41	6.1	.030	gG5	+ 25.1	1.7	3	+ 23.1 V
15° 765	27467	17.3	-15 18	8.9	.033	gFo	+ 21.2	2.9	4*	
4° 801	27485	4 17.8	- 3 52	8.0	.30:	dG2	- 36.3	1.5	3	
B 1019	27778	21.0	+24 11	6.2	.014	B6	+ 13.4	2.9	7*	
G 4521	28322	25.5	+ 1 45	6.1	.028	gG8	+ 29.4	0.9	3	+ 31.1 D
B 1042	28292	25.6	+16 15	5.3	.028	gK1	+ 20.2	1.1	4	+ 17.0 VL
A 3243	28271	25.7	+30 15	6.5	.027	gF6	- 39.3	2.9	4*	- 35.4 D
A 3274B	----	4 28.0	+53 48	6.6	.016	B1	- 0.6	1.7	8r*	- 1.2 LV
29° 716	28592	28.4	+29 50	8.4	.056	dFon	+ 29.3	2.7	4	
α Tau	29139	33.0	+16 25	1.1	.202	gK5	+ 54.8	0.2	28	+ 54.1 M
A 3353S	29364	35.4	+26 51	7.2	.076	dF3	+ 3.0	var	29*	
B 1091	29503	35.9	-14 24	4.0	.174	gK4	+ 43.3	0.4	4	+ 41.8 M

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′		″		km	km		
B 1095	29573	4 36.6	-12 13	5.0	0.055	A2	+ 9.	3.2	3	+ 5.6 LYV
G 5692	29587	38.1	+42 02	7.3	.687	dG2	+112.1	0.3	7r	
B 1099	29646	38.2	+28 31	5.7	.053	Aln	+ 26.2	1.6	5	+ 23.8 DV
G 5701	29645	38.4	+38 11	5.8	.260	dG3	+ 45.6	2.4	2	+ 46.1 V
56° 964	29599	38.7	+57 07	8.0	.056	dF6	- 40.6	0.9	3	
C 607	29713	4 41.2	+70 00	8.8	.122	dKo	+ 13.4	1.2	3	
B 1100	29678	42.1	+75 51	6.0	.138	dA6n	- 9.	var	5*	- 4.4 D
G 5794	30238	42.9	-21 22	6.0	.028	gK2	+ 22.6	2.3	3	
G 5803	30138	43.3	+40 13	6.1	.030	gG5	+ 33.1	1.5	2	+ 35.9 D
G 5822	30221	44.3	+45 24	7.7	.042	A2n	+ 7.8	0.9	3	
G 5860	30562	4 46.1	- 5 45	6.0	.388	dGo	+ 77.7	1.5	3r	
G 5863	30097	46.2	+75 38	7.2	.193	dG7	- 42.2	0.4	3	
B 1144	30794	49.0	+36 34	6.9	.054	gK1	- 36.6	0.7	3	
B 1139	30614	49.1	+66 16	4.4	.009	09e	+ 15.9	2.9	4*	+ 6.0 M
B 1124	30338	50.9	+81 07	5.3	.029	gK4	- 11.4	1.0	2	- 7.9 L
64° 487	30957	4 51.7	+64 20	8.6	.099	dKo	- 6.7	1.8	3	
B 1156	31189	52.7	+55 45	6.9	.029	gK5	- 0.6	1.7	3	
G 6005	31338	52.7	+19 56	8.0	.371	dKo	+ 27.6	1.4	3	
B 1166	31362	53.2	+24 31	6.3	.028	gFo	- 5.3	0.7	3	- 12.1 V
G 6079	31499	56.7	+69 05	7.1	.131	dF5	+ 17.3	1.2	3	
B 1186	31925	4 56.8	-16 27	5.5	.206	dF2	+ 30.7	1.1	3	
G 6132	31865	58.9	+63 01	8.6	.330	dG4	- 24.2	1.4	3r	
37° 1031	32270	5 00.2	+37 12	7.5	.028	B9	+ 8.8	1.1	6	
G 6167	32393	00.3	- 4 17	6.1	.057	cK3	+ 38.8	1.3	3	
38° 1012	32316	00.6	+38 48	8.2	.016	B8n	- 3.	3.8	6*	
38° 1020	32672	5 03.2	+38 28	7.7	.031	B3	+ 4.8	1.0	6	
G 6245	32518	04.1	+69 35	6.6	.096	gKo	- 8.1	0.3	3	- 6.1 D
37° 1046	32827	04.2	+37 35	8.2	.020	dA5n	- 23.9	2.5	5	
G 6260	32715	04.9	+64 52	6.4	.170	dF3	+ 2.3	1.9	4r	- 4.7 V
B 1215	32991	04.9	+21 38	6.0	.011	B3ne	+ 28.	var	5*	+ 22.v V
G 6268	33093	5 05.1	-12 33	6.1	.160	dF9	+ 49.2	1.8	3	
B 1219	33054	05.2	+ 8 26	5.5	.069	gFo	+ 10.5	1.5	5	+ 4.v M
B 1224	33256	06.2	- 4 31	5.2	.047	dF1	+ 10.0	0.3	2	+ 9.5 M
G 6348	33608	08.8	- 2 33	5.9	.073	dF5	+ 30.4	0.7	3	
C 674	33725	09.5	- 9 09	8.0	.573	dK1	+ 6.2	0.7	9r	
G 6377	33833	5 10.4	- 6 07	6.0	.040	gG7	+ 23.7	0.6	3	
β Ori	34085	12.1	- 8 15	0.3	.001	cB8	+ 21.0	0.7	21	+ 22.6v O
C 677	34101	12.1	-15 53	8.0	.315	dG6	+ 33.1	1.9	3	
B 1248	34053	12.5	+22 14	6.2	.014	Aon	- 4.	var	3*	- 9.v D
G 6428	33924	13.0	+60 08	7.2	.130	dF5	+ 16.8	1.6	4	
B 1249	34078	5 13.0	+34 15	5.8	.030	09	+ 58.6	1.5	11r*	+ 59.4 VLY
29° 849	34114	13.1	+29 18	9.0	.081	dF8	- 33.9	1.2	3	
A 3864B	----	14.3	+79 11	9.0	---	dF5	- 45.3	1.3	3	
G 6485	34527	15.3	-15 16	6.7	.014	Aon	+ 67.	var	4*	
B 1271	34658	16.6	+ 2 33	5.4	.049	dF3	+ 6.3	1.8	3	+ 13.0 L
B 1268	34578	5 16.7	+33 54	5.2	.013	cA5	- 3.0	0.8	7r	- 3.5 YLV
15° 787	34636	16.8	+15 44	7.9	.029	A2n	- 7.	3.9	4*	
14° 881	34792	17.0	+15 00	8.2	.013	B9n	+ 18.0	2.7	4	
14° 1094	34796	17.2	-14 48	8.2	---	dGo	+ 48.0	1.5	4	
G 6546	34575	17.9	+59 14	7.3	.372	dG6	- 22.7	0.1	3	
G 6571	34654	5 18.8	+64 05	8.0	.222	dF8	- 15.3	1.4	3	
14° 1103	35041	18.9	-14 11	8.0	---	dG1	- 5.0	0.7	3	
B 1282	34989	19.0	+ 8 23	5.7	.002	B2	+ 32.	4.1	5*	+ 21.0 V
B 1284	35039	19.2	- 0 26	4.6	.003	cB2	+ 28.9	1.6	8*	+ 28.8 M
14° 1117	35307	21.0	-14 52	7.9	.014	gK4	+ 50.3	1.4	3	
B 1272	34653	5 21.7	+77 56	6.5	.017	dA5n	- 14.9	2.9	5	- 19.0 D
B 1300	35410	21.9	- 0 56	5.2	.133	gKo	+ 21.6	0.8	5r	+ 20.6 M
γ Ori	35468	22.4	+ 6 18	1.7	.015	B2	+ 20.8	0.9	8*	+ 18.0 M
G 6672	35536	22.7	-10 22	5.9	.027	gK5	+ 57.1	1.1	3	
B 1316	35736	23.8	-19 44	5.8	.022	dF4	+ 5.6	1.7	3	
B 1310	35600	5 23.9	+30 10	5.7	.018	cB9	+ 16.7	0.5	7r*	
G 6719	34712	24.5	+81 40	8.7	.194	dGo	+ 1.8	0.9	3	
G 6733	35802	25.1	+17 12	6.0	.057	gM1	- 22.5	1.1	3	- 22.0 D
G 6760	35956	26.0	+12 31	6.8	.238	dGo	+ 7.2	0.4	2	+ 9.0 D
G 6797	36040	27.3	+41 25	6.1	.045	gG6	+ 15.4	1.0	3	+ 14.5 D

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
B 1328	36166	5 27.3	+ 1 45	5.7	0.009	B3	+ 10.	3.1	5	+ 15.1 V
G 6808	35863	27.8	+67 59	6.9	.180	dF8	+ 31.0	0.3	3	
29° 921	36281	28.6	+29 24	8.6	.026	gG7	- 22.4	0.5	3	
29° 923	36335	29.0	+29 10	7.8	.058	dF3	- 31.1	1.7	4	
A 4134C	36485	29.5	- 0 19	6.9	.009	B6	+ 15.8	1.5	6	+ 23.3 V
G 6883	36130	5 31.0	+74 40	7.5	.181	dG2	- 61.9	1.8	3	
B 1346	36653	31.1	+14 16	5.6	.008	B3	+ 20.	5.	3	+ 18.9 VY
B 1353	36822	32.1	+ 9 27	4.5	.006	Bo	+ 32.9	0.8	4*	+ 33.2 Y
A 4179A	36861	32.4	+ 9 54	3.7	.006	08	+ 37.4	2.7	3*	+ 33.0 M
A 4179B	36862	32.4	+ 9 54	5.6	---	B2	+ 38.4	1.1	5*	+ 35.4 M
B 1361	36959	5 32.6	- 6 02	5.6	.010	B1	+ 28.2	1.9	3*	+ 29.4 LYV
B 1362	36960	32.6	- 6 02	4.7	.006	B1	+ 26.5	2.5	4*	+ 28.1 M
B 1368	37077	33.2	- 4 53	5.3	.014	gFo	- 8.4	1.7	3	- 8.7 L
ϵ Ori	37128	33.7	- 1 14	1.8	000	cBo	+ 25.3	0.9	5*	+ 26.2 M
G 6975	37171	34.3	+11 00	6.1	.049	gMo	-106.	var	4*	-118.8 S
ζ Tau	37202	5 34.7	+21 07	3.0	.023	B3e	+ 27.	var	7*	+ 29.8v Mi
B 1367	37070	34.9	+56 20	6.9	.135	dF2	+ 16.	var	4*	+ 20.v V
G 7030	37387	36.2	+23 18	7.8	.011	gKo	+ 6.5	1.5	3	
1° 1005	37776	38.4	- 1 30	8.2	---	B5	+ 29.	3.4	3	+ 25.5 L
44° 1270	37736	39.3	+44 49	7.7	.016	A2	+ 5.9	0.8	3	
44° 1278	38188	5 42.5	+44 47	7.8	.029	B9n	+ 6.7	1.6	4	
G 7226	38529	44.0	+ 1 09	6.1	.165	dG4	+ 29.1	0.6	3	+ 30.1 D
G 7228	38527	44.1	+ 9 30	5.9	.073	gG7	- 24.7	0.7	3	- 25.4 D
B 1423	38545	44.4	+14 28	5.7	.044	A2n	+ 19.	3.2	4	+ 21.7 D
B 1443	38710	45.3	+ 6 26	5.3	.021	gA6n	+ 51.8	1.9	3*	+ 39.0 LYV
29° 1004	38688	5 45.7	+29 44	8.2	.032	dF4	+ 30.6	2.0	3	
G 7286	38858	46.1	- 4 06	6.0	.231	dG4	+ 29.7	0.7	3	
G 7320	39051	47.6	+ 4 25	6.1	.047	gK2	+ 23.5	1.1	2	+ 29.6 D
G 7335	39169	48.1	- 1 27	7.9	.044	gKo	+ 3.4	2.3	4*	
G 7463	39910	53.0	- 4 37	6.0	.042	gK2	+ 26.1	1.3	3	
G 7483	39970	5 53.9	+24 15	6.0	.007	cB9	+ 1.7	2.2	9*	- 2.7v V
G 7494	40151	54.1	-22 51	6.0	.122	dKo	+ 34.5	1.8	3	
G 7495	40040	54.1	+15 44	7.9	.267	dG4	- 24.5	1.1	3	
G 7523	40084	55.5	+49 55	6.1	.013	gG4	- 5.0	1.5	3*	
G 7537	40298	55.8	+21 14	8.6	.008	B9	- 3.4	1.6	6	
G 7583	40202	5 57.4	+64 58	8.8	.204	dG3	- 25.9	1.2	3	
22° 1147	40897	59.7	+22 03	8.4	.021	B9n	+ 6.2	1.7	6	
19° 1182	40910	59.7	+19 56	8.6	---	A1	+ 16.1	1.7	6	
G 7655	39861	6 00.2	+81 31	8.9	.381	dG5	- 26.5	1.8	3	
G 7664	40647	00.6	+69 29	8.1	.124	dG6	- 16.9	0.5	3	
G 7671	40708	6 00.8	+67 39	8.8	.310	dG6	+ 48.	var	4*	
21° 1099	41140	01.1	+21 30	8.1	.015	dA5n	+ 31.0	2.6	6	
B 1519	41547	03.1	-10 14	5.8	.027	dF4	+ 32.0	1.9	3	
B 1518	41543	03.8	+23 39	6.9	.006	gK5	- 16.	3.1	3*	- 14.4 V
G 7740	41593	03.8	+15 33	7.6	.156	dKo	- 11.2	0.5	3	
G 7769	41690	6 04.6	+21 53	8.0	.016	B2	+ 15.5	1.9	6	
20° 1284	42088	06.7	+20 31	7.4	.017	06	+ 21.8	2.7	3	+ 24.1 V
G 7947	43028	11.2	-15 22	6.9	.014	gKo	- 2.7	2.3	3	
G 7951	42983	11.3	+ 2 50	7.9	.282	dKo	- 25.8	1.3	3	
G 7952	43023	11.4	- 3 44	5.9	.028	gG7	+ 49.5	1.6	3	
B 1562	----	6 12.3	+36 10	7.5	.064	dF3	+ 8.1	1.0	2	
B 1563	43017	12.3	+36 10	6.7	.061	dF2	+ 7.4	0.7	2	+ 5.3 V
B 1567	43112	12.3	+13 52	5.8	.034	B2	+ 40.2	0.9	3	+34.4 V
B 1578	43384	13.9	+23 46	6.3	.006	cB3	+ 13.2	0.7	10r*	
15° 1328	43670	14.6	-15 06	7.9	---	gK5	+ 39.2	1.6	3	
G 8076	43297	6 15.4	+65 31	8.6	.284	dG3	- 16.8	0.8	3	
B 1591	43827	15.5	-16 48	5.3	.012	gK2	- 9.2	1.3	2	- 7.8 M
B 1584	43740	15.9	+23 37	6.6	.012	gG3	+ 39.7	0.5	2	+ 41.0 V
B 1595	43993	16.5	- 9 22	5.7	.033	gK1	+ 7.6	0.2	3	
14° 1399	44007	16.5	-14 49	8.3	---	sdGo	+166.4	1.0	3	
G 8108	44021	6 16.5	-15 00	6.3	.022	gM1	+ 51.5	1.1	4	
B 1585	43749	17.5	+64 47	7.2	.112	dF2	+ 3.2	0.3	2	+ 8.2 V
14° 1260	44414	19.5	+14 54	8.4	.073	gGo	+ 18.8	0.7	3	
G 8203	44497	19.8	+12 36	6.0	.051	dFo	+ 23.2	1.9	4	+ 18.2 D
G 8304	45289	22.9	-42 50	6.8	.772	dG4	+ 47.8	1.4	2	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
B 1628	45415	6 24.7	+ 2 56	5.8	0.047	gG9	+51.6	0.9	2	+ 53.1 V
29° 1231	45336	24.9	+29 16	7.6	.029	gMo	- 3.6	2.7	4*	
30° 1240	257670	25.6	+30 20	8.5	.017	gFon	- 4.8	1.6	4	
29° 1241	45541	26.2	+29 32	8.0	.032	A2n	+43.7	1.8	3	
30° 1245	258213	27.1	+30 30	8.4	.034	gKo	+15.	var	4*	
B 1651	46184	6 29.1	-12 21	5.3	.043	gK2	+10.8	0.3	2*	+ 17.9 M
5° 1282	46149	29.3	+ 5 04	7.7	.022	08	+38.	4.7	3*	+ 38.9 V
G 8477	46150	29.3	+ 4 59	6.8	.007	06	+39.	6.	3*	+ 35.9 V
A 5166B	----	29.4	+17 49	7.8	.056	dF6	+ 7.1	0.3	3	- 3. V
B 1654	46229	29.4	- 8 07	5.6	.015	gK2	+ 3.4	1.4	3	
B 1657	46300	6 30.2	+ 7 22	4.5	.008	cAo	+15.0	0.8	5*	+ 11.9 LYV
29° 1264	259274	30.3	+29 43	8.2	.016	gF2	- 0.9	1.1	3	
C 809	45821	30.7	+72 06	7.8	.26:	dG1	+40.8	1.5	3	
G 8540	45947	31.6	+73 44	6.2	.147	dF4	+ 5.6	1.1	2	+ 5.0 D
G 8567	46709	32.5	+10 02	6.1	.013	gK5	+40.4	1.8	4	+ 38.7 D
6° 1303	46966	6 33.8	+ 6 08	7.3	.043	08	+43.5	1.7	2*	+ 42.3 V
B 1692	47138	34.2	-18 37	5.8	.019	gG2	+24.3	1.0	3	
G 8630	46509	34.6	+71 48	6.1	.021	gG9	-21.1	0.6	3	- 23.6 D
64° 596	46606	34.6	+64 15	8.0	---	gK2	+28.8	0.3	3	
45° 1330	47019	35.0	+45 07	8.8	---	gM3	-29.7	1.6	4	
G 8686	47335	6 36.6	+44 23	6.8	.039	gG8	-13.	var	4*	
G 8791	48270	41.1	+44 33	6.8	.016	gKo	+20.4	0.7	3	
B 1735	49095	43.5	-31 44	5.9	.392	dF5	+31.	3.8	3	
B 1743	49331	45.2	- 8 57	5.3	.018	cM2.5	+29.8	2.5	4*	+ 23.4 M
7° 1457	49409	46.0	+ 7 42	8.3	.320	dG3	-87.1	1.6	3	
18° 1365	49635	6 47.2	+18 51	7.7	---	cF5	+27.4	2.2	5*	
G 8954	49933	48.3	- 0 29	5.8	.187	dF2	-15.2	1.0	8r	
1° 1409	50040	48.8	- 1 54	8.3	---	Aon	+ 8.7	2.5	5	
B 1762	50018	49.6	+38 56	6.1	.009	dA7n	- 2.1	2.5	3	+ 2.7 S
-0° 1468	50209	49.7	- 0 14	8.3	.010	B8ne	+17.1	2.2	6	
-0° 1479	50583	6 51.3	- 0 15	7.8	.062	B9	+22.7	1.8	5	
G 9063	50820	52.2	- 1 42	6.2	.008	*	+11.6	1.2	2	+ 13.4 V
1° 1449	50846	52.3	- 1 19	8.3	---	B6p	+13.9	2.3	5	+ 15.8 L
G 9070	50890	52.5	- 2 44	6.0	.018	gG6	+20.0	0.9	3	
G 9081	50551	53.0	+57 38	6.1	.027	gK3	-53.2	2.5	3	- 53.9 D
G 9089	50763	6 53.2	+46 46	6.0	.138	gKo	+40.3	0.1	2	+ 40.0 D
G 9098	48974	53.6	+83 41	8.6	.240	dG5	-28.6	1.2	3	
G 9101	51000	53.7	+33 45	6.0	.016	gG2	-10.6	0.8	3	- 10.1 D
2° 1483	51565	55.3	+ 2 24	7.7	---	*	-20.	var	4*	
G 9152	50885	55.7	+70 53	5.8	.028	gK4	-17.1	0.6	3	- 15.8 D
G 9175	51814	6 56.3	+ 3 40	6.0	.014	gG7	+17.8	0.3	2	+ 17.4 D
A 5669B	----	57.5	+75 18	7.6	.277	dG8	+16.3	1.8	3	
G 9265	52556	59.4	+15 25	5.9	.021	gK1	-11.6	0.8	2	- 13.1 D
G 9275	52609	59.7	+16 45	6.0	.028	gM2	+34.0	1.2	3	+ 36.9 D
B 1817	53138	7 00.9	-23 46	3.1	.000	cB3	+45.2	2.7	3*	+ 48.6 M
B 1814	268518	7 01.1	+20 40	8.6	.107	dGo	+19.7	0.4	3	
G 9355	53510	02.9	+ 9 16	6.0	.052	gMo	+44.2	1.5	3	+ 48.7 D
B 1834	54153	04.3	-38 18	6.1	.016	gGo	+21.4	1.8	4	
B 1825	53683	05.3	+60 49	8.7	.060	gG9	+37.0	1.7	3	
A 5816A	54244	05.9	+16 59	7.6	.025	gK5	+38.6	1.8	3	
A 5816B	----	7 05.9	+16 59	8.4	---	gK5	+36.7	0.8	2	
60° 1034	54122	07.0	+60 20	7.3	.033	gG6	+ 5.6	1.3	3	
B 1850	55052	09.4	+24 13	5.8	.055	gF4	+10.6	1.7	4	+ 13.3 V
G 9570	55178	11.2	+59 52	7.3	.030	gG6	+ 8.2	0.4	3	
A 5911A	55775	11.7	- 3 49	6.1	.017	gK5	+22.4	2.1	4	
B 1864	55730	7 11.8	+12 12	5.8	.058	gG6	+31.8	0.1	2	+ 28.8 V
G 9600	55832	11.9	- 9 52	6.1	.007	gK3	+43.9	1.5	3	
G 9628	56031	12.9	+ 8 04	6.0	.028	gM4	-10.4	0.5	2	- 6.6 D
G 9642	55866	13.6	+52 13	6.0	.030	gK1	- 6.3	1.1	3	
14° 1810	56617	14.8	-14 45	8.1	---	dF5	+33.7	1.9	3	
B 1876	56099	7 14.9	+59 13	7.6	.083	dF7	-54.9	1.9	3	
λ Gem	56537	15.2	+16 38	3.6	.061	A3n	+ 0.3	1.8	6*	- 13.8 M
67° 483	56168	16.0	+67 45	8.6	.089	dK1	- 8.3	0.9	3	
B 1893	56790	16.4	+22 07	8.0	.010	gG8	+ 7.	var	4*	
15° 1537	56888	16.6	+15 18	8.3	.017	gA8	+ 4.8	1.6	3	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′		″		km	km		
G 9739	56989	7 16.8	+ 2 50	6.1	0.018	gG8	+25.7	0.4	2	+ 23.9 D
B 1908	57146	16.8	-26 30	5.4	.020	cG5	+31.3	2.5	3	+ 33.1 L
G 9752	57006	17.1	+ 7 14	6.0	.098	dF8	+22.7	0.6	3	+ 21.3 S
15° 1544	----	17.8	+15 00	8.5	.018	gG9	-41.2	0.7	3	
B 1902	57067	18.4	+50 15	7.4	.060	dA5n	+ 5.	var	3	+ 5.v V
B 1903	57066	7 18.4	+50 15	7.3	.051	dA5n	+14.5	2.4	3*	- 2.0 V
14° 1644	57496	19.2	+14 45	8.6	.062	gG2	+25.3	0.9	3	
14° 1649	57675	19.9	+14 24	8.3	.017	gF4	+31.6	1.5	3	
B 1921	57727	20.4	+25 09	5.1	.070	gG2	+ 4.2	0.3	2	+ 6.4 L
B 1871	55966	20.7	+82 31	5.1	.041	gM4	+24.0	1.5	3*	+ 12.4 M
G 9860	57646	7 21.1	+51 59	5.9	.044	gK5	+20.3	1.9	3	+ 18.0 D
η CMa	58350	22.1	-29 12	2.4	.008	cB7	+49.8	1.8	2*	+ 40.4 M
B 1935	58343	22.4	-16 06	5.2	.017	cB5e	- 5.9	0.5	5r*	- 3.8 L
ι Gem	58207	22.6	+27 54	3.9	.147	sgG7	+ 6.4	1.1	4	+ 8.7 M
B 1941	58579	24.0	+20 22	5.9	.023	gA7n	+14.	var	6*	- 0.2 S
G 9956	58683	7 24.7	+27 24	8.1	.122	gG6	+54.7	1.3	3	
B 1957	59067	25.5	-11 27	5.9	.007	*	+14.1	0.9	4	
B 1948	58855	26.1	+49 47	5.4	.144	dF5	-27.9	2.3	3	- 26.6 M
B 1964	59380	27.0	- 7 27	6.0	.144	dF9	+ 8.6	1.2	3	
B 1965	59438	27.1	-14 53	5.9	.316	dF4	- 9.6	2.8	4	- 1. Md
B 1984	60357	7 31.6	+ 3 29	5.8	.020	Aon	+35.1	2.7	3	+ 32.0 D
G 10288	61294	36.9	+38 28	5.9	.049	gMo	+47.2	1.1	3	+ 47.1 D
G 10304	61606	37.5	- 3 29	7.2	.298	dK3	-20.6	0.4	3	
70° 471	61091	37.8	+69 50	8.3	---	gK1	+ 3.5	0.6	3	
B 2016	61772	38.1	-15 09	5.2	.026	gK5	- 3.0	2.5	4	+ 0.6 M
B 2035	62623	7 41.8	-28 50	4.1	.010	cA2e	+30.6	0.5	7*	+ 23.6v L
G 10433	61994	42.2	+70 20	7.1	.173	dG5	-23.4	2.0	4	
β Gem	62509	42.3	+28 09	1.2	.625	gG8	+ 4.7	0.5	12	+ 3.3 M
B 2040	62721	43.2	+18 38	5.0	.097	gK5	+84.7	2.5	3	+ 80.v M
B 2037	62647	43.3	+37 38	5.4	.026	gM3	-30.4	1.8	3	- 36.0 L
A 6381B	----	7 45.6	-12 04	8.2	.142	dG2	+24.5	1.9	3	
88° 39	57535	45.9	+87 51	8.9	---	dA5	+ 4.	var	4*	
C 928	63103	46.7	+64 14	8.0	.11:	dG7	+12.2	1.4	3	
B 2077	64152	49.5	-21 03	5.8	.066	gG8	+32.4	1.2	3	
B 2074	64092	50.0	+22 28	7.1	.012	gG7	- 8.2	1.1	3	
B 2078	64145	7 50.4	+26 54	5.0	.048	A4n	+ 6.3	1.8	4	+ 3. LYV
B 2076	64106	50.8	+47 31	6.4	.015	gK2	-63.3	1.1	6	- 60.6 D
G 10682	64324	51.6	+34 45	7.7	.218	dG3	+14.0	1.2	3	
G 10694	64606	52.0	- 1 17	7.5	.271	dG5	+93.8	2.0	4	
G 10699	64385	52.4	+50 41	8.5	.246	dF5	+ 6.9	0.9	3	
B 2084	64307	7 54.3	+74 03	5.6	.039	cK5	+35.6	1.2	3r	
G 10751	65066	54.6	+ 8 47	6.1	.021	gG6	-35.2	1.2	3	- 35.1 D
C 946	65277	55.4	- 0 42	8.3	.177	dK5	- 3.2	2.7	4*	
G 10821	65583	57.4	+29 22	6.9	1.178	dG7	+13.0	0.4	7r	
B 2106	65448	58.0	+63 14	6.0	0.025	gG1	+22.2	2.2	3	+ 18.2 D
B 2107	65429	7 58.0	+61 08	6.7	.026	dF3	-20.5	0.8	3	
B 2122	65873	58.7	+16 36	5.9	.012	Aon	-18.	var	4*	- 15.v SD
B 2121	65856	58.7	+25 14	6.2	.024	Aln	- 9.	6.	4	- 9.1 SV
B 2133	66347	8 00.9	+22 13	6.8	.041	gK3	- 3.0	1.0	3	
B 2129	66138	01.1	+57 55	6.8	.122	dF3	+10.4	1.8	3	
B 2139	66751	8 05.2	+69 52	6.6	.189	dF8	- 6.	var	4*	
G 11028	67404	05.2	- 3 16	6.8	.009	gM4	+24.0	2.0	3	
74° 348	66633	05.4	+74 31	8.2	.059	gFon	+ 3.	3.4	3	+ 6. L
G 11050	67224	06.0	+58 24	6.0	.082	gK4	+33.5	0.9	3	+ 36.2 D
G 11073	67587	06.9	+35 36	6.6	.314	dGo	-55.3	0.8	3	
B 2159	67880	8 07.2	-16 06	5.5	.018	cB3	+32.9	1.5	5r	
B 2162	68077	09.9	+56 36	5.9	.040	gG9	+ 7.4	1.2	3	+ 8.3 D
B 2173	68351	10.1	+29 48	5.6	.024	Aop	+22.	3.1	4*	+ 18. V
A 6659A	68483	10.2	+ 9 44	7.6	.054	gA5	+32.	var	4*	
A 6659B	----	10.2	+ 9 44	9.3	---	dF5	+38.1	0.6	3	
G 11211	68638	8 12.1	+57 15	7.8	.396	dG6	+17.4	1.3	4r	
74° 350	67739	12.2	+74 39	8.5	.015	gK3	-12.1	0.7	3	
G 11220	68579	12.4	+64 45	8.6	.099	gG5	+11.2	2.3	4	
B 2185	68930	13.7	+59 44	5.5	.001	A4n	-14.3	1.5	7	- 19.6 Y
15° 2351	69371	13.9	-15 32	7.3	---	gKo	+28.3	1.1	3	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 11280	69530	8 14.6	-15 00	7.3	0.010	gK5	- 4.7	0.9	3	
B 2197	69548	16.4	+57 54	5.9	.062	dF2	-13.5	2.2	3	- 16.9 V
14° 1872	69809	16.4	+14 21	8.2	.038	dGo	+16.6	0.4	3	
14° 1878	70319	19.0	+14 29	7.9	.055	gKo	+73.1	1.1	3	
B 2212	70442	19.1	-19 55	5.6	.022	gGo	- 9.	var	6*	
15° 1809	70594	8 20.5	+15 26	8.4	.034	A2	-16.1	1.3	3	
70° 510	70311	21.4	+70 19	7.5	---	sgG3	-63.1	0.5	3	
G 11478	70923	22.0	- 0 59	6.8	.227	dGo	+ 8.7	0.8	3	
G 11493	71095	23.0	+ 2 16	5.9	.029	gK5	+12.1	1.3	3	+ 13.1 D
B 2237	71155	23.2	- 3 45	4.0	.071	Aon	+ 5.4	1.4	4	+ 10.1 M
B 2245	71250	8 24.0	+12 49	5.8	.108	gM3	- 6.8	0.8	4r	
29° 1759	71594	26.2	+29 38	8.3	.023	Aon	+23.	3.7	4*	
30° 1719	72052	28.8	+29 53	8.2	.025	gF2	-22.8	1.9	3	- 26. L
29° 1770	----	29.2	+29 38	8.5	.066	gF5	+10.3	2.0	3	
G 11372	72561	31.1	+ 4 56	6.1	.017	gG5	+ 1.3	1.5	3	+ 1.6 D
22° 2317	72769	8 31.6	-23 11	7.4	.368	dG5	+18.6	1.3	3	
G 11769	72846	32.9	+19 57	8.3	.053	dA5n	+30.3	1.0	3	
20° 2125	72942	33.5	+20 32	8.2	.034	A3	+30.4	1.5	4	
19° 2047	73045	34.1	+19 05	8.5	.040	A4	+22.8	0.9	4	
20° 2129	73142	34.7	+20 39	8.1	.039	dF8	-16.2	1.9	4	
20° 2131	73161	8 34.7	+20 12	9.1	.034	dFo	+34.1	2.8	3	
G 11815	73174	34.7	+19 54	8.3	.046	dF2p	+33.9	2.0	3	
G 11818	73210	34.9	+19 27	6.7	.034	sgA7n	+27.4	0.8	4	
20° 2133	73175	35.0	+19 41	8.2	.040	dA6n	+31.0	0.3	3	
δ Hya	73262	35.0	+ 5 53	4.2	.070	Aon	+21.0	2.6	4*	+ 10.3 M
20° 2136	73294	8 35.7	+20 23	8.1	.025	dF6	- 9.9	2.5	3	
20° 2138	73345	35.9	+20 10	8.6	.038	dA8	+34.8	1.7	3	
21° 1880	73428	36.2	+20 59	8.6	---	gG5	-22.1	1.1	3	
20° 2141	73430	36.2	+20 10	8.7	.035	dA6	+28.4	1.5	3	
B 2300	73449	36.2	+19 51	8.1	.037	dA6n	+30.	var	5*	
B 2301	73450	8 36.3	+19 46	8.6	.038	dA7n	+31.8	2.5	4	
G 11873	73574	36.8	+20 16	8.1	.031	dFon	+36.5	2.9	3	
B 2305	73575	36.8	+19 57	6.7	.039	sgA7n	+30.6	1.2	4	+ 29.8 V
19° 2064	73576	37.0	+19 27	7.8	.043	A4	+32.	3.1	3	
G 11879	73598	37.0	+19 43	6.7	.037	gG8	+34.3	0.6	3	
G 11881	73618	8 37.1	+19 44	6.9	.044	gA5	+39.3	2.2	4	
G 11886	73596	37.2	+32 07	6.1	.047	gF3	+12.	var	4*	+ 12.0 D
G 11893	73711	37.4	+19 43	7.4	.040	sgA6n	+38.5	1.6	4	
G 11898	73712	37.5	+19 32	6.8	.057	sgA5n	+30.7	1.0	4	
20° 2168	73730	37.5	+20 02	8.7	.039	dA9	+27.3	0.4	3	
20° 2169	73729	8 37.6	+20 22	9.1	.035	dA5n	- 6.	var	4*	
B 2311	73731	37.6	+19 43	6.3	.039	gA6n	+21.	var	8*	+ 38.1 V
B 2313	73785	37.9	+19 54	6.7	.037	gA8n	+36.8	1.1	3	+ 26.6 V
19° 2073	73763	38.0	+19 24	8.0	.044	A4	+37.1	2.3	3	
B 2314	73819	38.1	+19 46	6.8	.038	sgA5n	+27.6	1.5	6	
20° 2179	73872	8 38.3	+20 06	8.8	.035	A4n	+30.3	2.9	3	
45° 1620	73759	38.4	+45 04	7.9	.035	gF2	+21.0	2.0	3	
19° 2078	73890	38.4	+19 27	8.7	.039	dA5n	+39.	var	3*	
G 11950	73974	39.0	+20 03	7.0	.039	gG7	+31.0	0.6	3	
19° 2083	74028	39.4	+19 35	7.9	.041	dA5	+30.0	1.9	3	
44° 1783	74327	8 41.6	+44 22	8.5	.040	gF3	+22.9	1.9	5	
α Pyx	74575	41.6	-33 00	3.7	.019	B1	+11.8	1.5	2	+ 15.6 M
B 2343	74591	42.4	+ 5 52	6.0	.009	A3n	0.	4.3	4*	
B 2345	----	42.8	- 2 25	7.5	.024	dF6	-18.3	0.6	3	
67° 559	74462	43.8	+67 38	8.5	---	sdGo	-168.6	1.3	3r	
ε Hya	74874	8 44.1	+ 6 36	3.5	.198	dF8	+30.4	0.5	7	+ 36.8 L
B 2353	74873	44.2	+12 17	5.7	.090	Ao	+28.2	1.8	2	+ 21.0 D
B 2357	74988	44.7	- 1 43	5.2	.033	Ao	- 0.3	2.0	5r	0. M
G 12154	66368	45.9	+88 46	7.0	.011	A2	- 8.	3.1	4	
G 12155	75157	45.9	+10 37	7.1	.029	gM4	-12.2	1.7	4	
G 12156	75156	8 45.9	+12 44	6.8	.023	gM3.5	+67.1	0.6	3	
45° 1642	75135	46.4	+44 52	7.7	.031	Ao	+ 2.6	1.9	3	
45° 1643	75172	46.7	+45 10	8.6	.015	dA6n	-22.2	2.0	4	
64° 710	75073	47.0	+64 37	8.5	---	dG3	-43.5	1.5	3	
B 2370	75558	48.4	+16 11	7.2	.031	sgG3	+49.5	1.0	3	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′		″		km	km		
C 1039	75596	8 48.4	- 0 28	8.6	0.194	dF7	+ 36.0	1.3	3	
G 12226	75523	48.8	+45 30	6.1	.051	gK1	+ 12.2	0.7	3	+ 13.7 D
G 12228	75556	48.9	+42 12	6.1	.086	gK2	+ 54.5	0.4	3	+ 58.9 D
G 12234	75487	49.2	+59 15	6.1	.015	gF2	+ 8.3	0.4	3	+ 9.1 D
B 2367	75486	49.3	+62 09	5.7	.022	gFon	- 31.1	1.1	3	- 31.3 D
B 2383	75958	8 52.4	+64 48	5.6	.088	gG3	+ 9.1	1.1	3*	- 0.1 V
B 2385	75972	52.6	+65 43	7.4	.019	gG6	- 33.2	1.5	3	
G 12341	76292	53.3	+40 24	5.9	.098	gF3	+ 25.4	0.7	3	+ 25.4 D
B 2413	76943	57.4	+41 59	4.1	.505	dF2	+ 23.5	1.1	5r	+ 26.3 M
G 12441	76539	57.7	+76 36	7.8	.193	dG4	+ 14.3	1.2	3	
G 12468	77236	8 58.7	- 2 22	7.9	.149	sgKo	+142.5	0.3	3	
G 12499	77445	9 00.1	+ 7 30	6.1	.020	dK3	+ 26.4	0.7	3	+ 28.0 D
B 2429	77557	01.2	+28 06	6.3	.007	Aon	- 22.	4.3	5	- 26. S
B 2432	77601	02.0	+48 44	5.6	.026	gF1	- 15.	var	6*	0.v VL
G 12551	77692	02.9	+59 33	6.2	.031	Ao	+ 5.6	2.6	5	+ 3. DV
B 2439	77996	9 03.3	+ 5 18	5.4	.019	gK2	+ 17.8	1.5	5*	+ 25.8 M
G 12613	78366	05.8	+34 05	6.0	.222	dGo	+ 26.3	1.1	3	+ 27.6 S
G 12638	78274	06.6	+67 40	8.1	.237	dF5	+ 9.1	1.0	3	
59° 1223	78364	06.6	+59 29	8.2	.082	dF4	- 1.1	1.7	3	
B 2446	78362	06.8	+63 43	4.7	.120	gF6	- 8.8	0.1	2	- 6.5 L
A 7213AB	78608	9 06.8	+16 19	9.0	.031	A2	+ 21.6	2.8	4	
B 2476	79439	12.6	+54 14	4.9	.078	dA5n	- 7.6	2.2	4	- 17.v M
G 12774	79752	13.1	-14 49	6.2	.033	Aon	+ 32.4	1.2	3	
G 12779	79726	13.4	+14 20	8.3	.256	dG1	- 45.4	0.8	3	
G 12785	79765	13.6	+19 01	6.9	.159	dFo	+ 30.0	1.5	4	
A 7281A	79872	9 14.4	+23 52	7.8	.089	dF5	+ 12.1	1.5	3	
A 7281B	----	14.4	+23 52	8.1	.081	dF6	+ 6.3	1.4	3	
G 12811	80050	14.8	-14 22	6.0	.050	gKo	- 36.1	0.9	3	
G 12816	79969	14.9	+28 47	7.3	.511	dK4	- 17.5	1.9	4r	
B 2496	80105	15.1	-11 45	7.3	.057	gG6	+ 9.2	1.3	3	
G 12838	79968	9 16.1	+65 14	7.6	.331	dG4	+ 22.	var	5*	
B 2498	80130	16.7	+60 00	7.5	.044	gKo	- 32.5	1.1	3	
B 2505	80479	17.2	-15 37	5.9	.071	gK4	- 29.1	1.9	4	
B 2510	80550	17.9	- 9 24	6.9	.041	gFo	+ 15.5	2.9	4*	
B 2511	80586	18.0	- 9 21	5.0	.037	gG9	+ 22.1	1.0	4	+ 25.5 L
G 12883	80390	9 18.1	+56 55	6.0	.013	gM4	+ 23.0	1.6	4	+ 21.0 D
G 12897	80719	18.6	-15 24	6.3	.123	dF6	- 1.	var	4*	
G 12947	81028	20.8	+ 7 56	7.2	.037	gM4	+ 57.8	1.7	2	+ 58. L
B 2520	81058	21.2	+26 08	6.8	.049	gK3	- 15.6	1.1	4	
G 12967	80768	21.6	+76 09	9.1	.375	dK5	- 1.6	2.0	3	
G 12987	81265	9 22.5	+30 43	7.8	.198	sgG8	- 1.0	0.8	3	0. L
B 2528	81361	22.8	+16 48	6.3	.089	gG9	+ 13.6	1.1	4	+ 8.5 V
G 13010	81567	23.8	- 1 15	6.1	.007	gK3	- 14.3	0.7	3	
G 13013	81540	23.9	+16 55	7.9	.014	gM2.5	+ 67.5	0.7	3	
29° 1903	81594	24.5	+29 28	8.9	.016	gK3	+ 3.7	0.9	3	
B 2530	81688	9 25.4	+45 49	5.6	.131	gG5	+ 39.4	1.0	2	+ 37.9 V
B 2531	81704	25.4	+45 48	8.1	.052	gGo	+ 8.6	0.3	2	+ 8. L
G 13088	82077	26.9	-20 32	6.0	.025	gM1	- 8.	var	4*	
G 13122	82232	28.0	-15 21	6.1	.087	gK3	+ 24.4	1.6	3	
ψ Vel	82434	28.7	-40 15	3.6	.207	dA7n	+ 11.	4.5	3	+ 12.4 L
B 2547	82189	9 30.2	+72 26	5.8	.110	dF6	- 37.8	0.9	3	- 38.9 D
B 2582	83240	34.6	+ 7 04	5.1	.060	gG9	+ 20.	var	3*	+ 20.4 L
G 13388	83951	39.7	+35 19	6.0	.057	dF1	- 8.2	1.3	4	- 8.4 D
A 7500A	84184	40.9	+ 2 51	7.3	.033	gF7	- 3.1	1.4	4*	
B 2611	84179	42.1	+63 53	6.5	.049	dA8n	- 25.	var	8*	- 32.5 V
B 2623	84607	9 43.8	+ 2 01	5.7	.074	gFo	+ 13.	var	5*	+ 16.3 S
13° 2946	84636	43.9	-14 22	8.0	.044	gK2	+ 22.7	1.0	3	
C 1161	----	44.0	-14 17	9.2	.306	dG4	- 4.7	0.4	3	
12° 2093	----	44.6	+11 40	9.4	---	gK4	+ 97.3	1.6	3*	
B 2625	84739	44.9	+20 50	7.8	.079	dF2	- 15.9	2.0	3	
G 13512	84937	9 46.2	+13 59	8.1	.877	sdA4p	- 18.1	1.9	5r	- 15.3 Md
B 2634	85040	47.0	+21 25	6.0	.048	gFo	+ 22.	var	3*	var L
G 13531	85091	47.1	+11 20	7.5	.311	dGo	+ 40.	var	4*	
G 13544	85162	47.8	+31 38	7.3	.018	gM2.5	- 33.4	0.2	2	- 34. L
B 2641	85364	48.7	- 4 00	6.0	.033	gA5n	- 10.0	2.7	5	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
B 2644	85373	9 49.3	+38 09	6.7	0.048	A3n	+ 14.0	2.7	2	+ 16.v V
G 13579	85441	49.6	+27 13	8.1	.220	dKo	- 11.6	0.7	3	
G 13607	85515	51.0	+65 29	9.1	.188	dG5	- 16.7	1.9	4	
G 13608	85709	51.1	+ 6 12	6.3	.014	gM2.5	+ 0.4	2.5	2	- 0.3 D
+0° 2582	85904	52.4	+ 0 03	8.1	.015	gM4	+ 30.	var	4*	
-0° 2270	85990	9 53.1	- 0 53	8.1	.071	gKo	+ 1.6	1.0	3	
+0° 2588	86135	54.1	- 0 14	8.3	.014	gK5	- 6.4	1.7	3	
A 7589A	86133	54.3	+20 00	7.7	.231	dF8	+ 27.2	0.6	3	
A 7589B	----	54.3	+20 00	9.2	.221	dG3	+ 28.7	1.7	3	
B 2670	86359	55.5	+15 28	7.6	.044	sgG7	+ 17.7	0.5	3	
G 13732	86335	9 56.2	+56 43	7.3	.012	gKo	+ 13.8	0.9	3	
G 13733	86476	56.2	+ 5 03	7.3	.037	gM3.5	- 26.5	1.9	3	- 32. L
B 2673	86378	56.4	+57 03	5.7	.046	gK5	- 12.4	1.3	8	- 14.2 V
G 13748	86590	57.2	+24 48	7.9	.242	dG5	0.	var	4*	
G 13790	86986	59.8	+14 48	7.9	.266	A2	+ 12.6	0.6	3	
B 2683	87096	10 00.1	-13 03	7.0	.138	dF9	+ 16.	var	4*	
B 2685	87301	01.6	+ 3 27	6.4	.126	dF3	+ 4.0	0.8	2	- 2.4 V
η Leo	87737	04.6	+17 00	3.6	.008	cAo	+ 3.2	0.5	11*	+ 2.2 M
G 13901	87598	04.7	+68 41	9.0	.296	dKo	+ 32.4	1.4	3	
G 13902	87808	04.8	-16 54	5.9	.054	gK5	+ 11.4	0.4	3	
G 13941	88021	10 06.6	+20 35	6.6	.036	*	+ 9.2	1.5	4	
G 13949	88071	06.9	+ 9 50	7.5	.040	gM3	+ 6.1	0.7	3	
G 13951	88108	06.9	-13 07	7.3	.052	gM3	- 10.6	1.8	2	- 13. L
B 2701	88161	08.0	+40 54	6.5	.017	gK3	+ 14.3	1.0	3r	
G 13985	88231	08.3	+37 39	6.1	.043	gK3	+ 10.3	0.8	3	+ 9.7 D
C 1225	233719	10 10.8	+52 46	9.2	.75:	dMo	- 24.3	1.0	6r	
G 14037	88639	11.0	+27 23	6.1	.016	gG2	- 6.2	1.3	3	+ 21.v S
B 2717	88697	11.3	- 7 08	7.3	.192	dF6	+ 14.1	1.5	3	
B 2719	88764	11.6	- 7 45	7.1	.026	gG7	+ 9.8	1.8	4	
G 14056	88737	11.7	+21 25	6.1	.166	dF8	+ 14.9	1.3	3	+ 17.5 SV
B 2724	88960	10 13.4	+29 34	5.4	.079	Ao	+ 16.6	2.7	4	+ 16.7 VL
A 7705A	88849	13.9	+71 19	6.6	.062	gA8	+ 10.2	0.9	2	+ 10.0 V
A 7705B	88850	13.9	+71 18	7.2	.058	gFo	+ 13.5	1.6	2	+ 12.0 V
G 14106	89024	13.9	+25 37	6.0	.109	gK2	+ 34.4	0.4	5r	
ξ Leo	89025	13.9	+23 40	3.6	.023	gFo	- 19.3	2.9	3	- 18.7 M
73° 491	88988	10 15.3	+72 42	7.7	---	gKo	+ 18.7	1.3	3	
B 2736	89269	15.8	+44 18	6.7	.307	dG5	- 10.1	0.7	5r	- 6.9 V
G 14167	----	16.9	+20 07	9.4	.491	dM4e	+ 10.4	1.6	5r	
B 2746	89619	17.9	+ 6 41	8.4	.058	gF7	+ 1.8	1.7	4	
G 14202	89707	18.4	-15 14	7.0	.358	dF8	+ 78.8	2.3	4r	
B 2748	89688	10 18.5	+ 2 33	6.5	.009	B3	+ 11.	3.3	6r*	- 1. V
B 2752	89774	19.2	+15 14	6.1	.041	B9	+ 7.3	2.7	5	+ 8.8 V
G 14237	89813	19.5	+11 34	8.0	.335	dG6	- 16.3	0.7	3	
B 2757	89962	20.4	+ 6 48	6.3	.106	dK3	- 24.1	1.9	7	
G 14292	90197	21.9	-24 21	7.0	.353	dGo	+ 57.4	2.4	4	
A 7762A	90204	10 22.8	+52 53	7.9	.129	dF5	+ 14.2	1.2	4	
A 7762B	----	22.8	+52 53	8.4	---	dF8	+ 16.4	1.4	3	
B 2769	90303	23.0	+ 9 02	7.7	.026	gA7	- 18.6	1.4	3	
G 14237	----	23.7	+69 07	9.4	.169	dK4	- 53.0	0.6	3	
B 2772	90473	24.1	- 0 44	6.8	.050	gK3	+ 4.5	0.6	3	
G 14336	90441	10 24.2	+29 56	7.8	.075	gF2	+ 12.8	0.9	4	
A 7778A	90483	24.4	+18 19	8.7	.169	dG7	+ 15.1	0.9	3	
A 7778B	----	24.4	+18 19	8.7	.158	dG8	+ 6.7	2.4	3	
G 14346	90494	24.5	+20 04	8.9	.268	dGo	+ 3.9	1.5	3	
G 14355	90572	24.9	+ 3 49	7.2	.111	sgKo	+ 45.6	2.1	5	
30° 2022	----	10 26.6	+29 56	8.5	.005	gKo	+102.7	0.8	4	
B 2789	90957	27.2	-29 24	5.8	.061	gK5	- 4.2	2.4	5	
B 2797	91120	28.5	-13 20	5.5	.047	B9n	+ 8.	var	7*	var Y
B 2798	91130	29.0	+32 38	5.8	.015	B9n	- 14.	5.	4	- 10.9 D
ρ Leo	91316	30.2	+ 9 34	3.8	.009	cBo	+ 41.5	1.4	11*	+ 42.2 M
B 2810	91369	10 30.3	-16 42	7.6	.092	dGo	+ 11.9	2.2	5	
B 2818	91706	32.6	-22 55	6.2	.103	dF7	+ 11.6	1.3	4	
G 14569	91816	33.6	-11 39	7.9	.288	dK3	+ 4.0	1.1	3*	
B 2821	91880	33.8	-16 05	6.2	.027	gM1	+ 16.2	1.4	9	
B 2836	92214	36.1	-16 37	5.1	.104	gKo	+ 18.7	2.3	4	+ 16.8 M

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	Decl.	Vis. Mag.	P.M.	Spec.	Vel.	No. P.E. Pl.	Others
		h m	° ′		″		km	km	
B 2831	92168	10 36.3	+38 10	5.8	0.224	dF8	+ 4.	var 11*	+ 16.v V
A 7873A	92321	37.3	+38 40	8.0	.022	gK5	+ 25.8	2.6 3*	
A 7873B	----	37.3	+38 40	8.5	---	gK3	+ 26.1	3.1 4*	
B 2839	92371	37.6	+27 47	6.9	.010	Aon	- 9.	4.4 6*	+ 6. D
88° 60	90162	37.8	+88 08	8.7	---	dF8	- 23.	var 4*	
B 2841	92424	10 38.6	+65 59	5.1	.180	gK4	- 17.1	1.9 4*	- 8.8 L
B 2846	92588	38.9	- 1 29	6.4	.188	sgK1	+ 43.5	0.4 10r	
G 14698	92587	39.0	+14 14	7.9	.011	gM2.5	- 10.9	0.5 3	
G 14719	92668	39.8	+51 04	7.2	.017	dA7n	- 2.0	1.4 4	
45° 1857	92764	40.5	+45 12	8.8	.025	dA5n	- 8.	var 4*	
B 2855	92844	10 40.5	-23 17	6.9	.005	gG3	- 12.	var 4*	
B 2857	92855	41.1	+46 28	8.1	.286	dGo	+ 9.	var 10*	- 2.v L
A 7925A	93270	44.4	+65 43	7.6	.096	dF5	- 1.4	1.6 3	
B 2877	93527	45.2	-15 22	7.4	.128	dF5	+ 30.0	1.9 3	
G 14852	----	45.2	-15 21	8.3	.155	dF8	+ 21.0	1.5 3	
G 14877	93655	10 46.1	- 1 42	6.2	.014	gM1.5	+ 3.0	1.0 3	
B 2882	93704	46.5	- 8 50	7.2	.028	gG5	- 11.6	1.1 3	
G 14900	93833	47.2	- 9 35	6.0	.041	gG8	+ 40.8	1.0 4	
C 1304	93932	48.0	-14 50	8.1	.30:	dGo	+ 36.	var 4*	
B 2895	94083	49.5	+52 50	6.7	.036	gG8	- 4.1	1.7 4*	- 12.8 V
B 2897	94132	10 50.1	+70 07	6.1	.402	dG9	+ 15.8	1.1 4r	
G 14963	94340	50.6	-20 21	7.1	.315	dG3	- 13.6	1.9 3	
G 14968	94336	50.9	+26 28	7.3	.034	gM3	- 5.8	0.6 3	0. L
C 1318	94387	51.0	-15 33	8.3	.332	dKo	+ 30.	var 4*	
A 7979B	94602	52.9	+25 01	6.3	.080	Aln	- 3.3	2.3 2	- 2.v SV
G 15019	94549	10 53.0	+64 48	7.3	.140	dG8	+ 19.9	0.6 3	
B 2910	94600	53.0	+33 46	5.2	.114	gK1	- 22.3	0.8 4r	- 22.3 M
B 2914	94671	53.3	+18 25	7.6	.058	gG4	- 10.7	2.2 6r	
G 15034	94718	53.6	+28 01	8.6	.475	dG6	+ 5.9	1.3 8r	
-0° 2392	94808	54.1	- 0 53	8.1	.045	gA5	- 10.2	0.9 3	
G 15062	94791	10 55.3	+75 59	7.6	.159	dF6	+ 14.1	1.2 3	
G 15101	95234	57.0	-16 05	6.2	.052	gM2.5	+ 33.7	1.5 3	
G 15116	95314	57.7	-13 49	6.1	.035	gK5	- 5.9	0.5 3	
G 15144	95486	58.8	+15 17	7.9	.319	dG5	- 55.9	1.5 3	
B 2931	95578	59.3	- 2 13	5.0	.040	gM1	- 15.0	1.9 4	- 13.1 L
A 8022A	95577	10 59.4	+14 53	8.9	.066	dF4	+ 4.3	1.3 4	
B 2935	95735	11 00.6	+36 18	7.6	4.779	dM2	- 85.6	1.0 9r	
α UMa	95689	00.7	+62 01	2.0	0.138	gG7	- 10.4	0.5 3	- 8.6 M
B 2937	95808	00.7	-11 02	5.6	.135	gG6	- 7.0	1.5 5r	
G 15199	95544	01.1	+81 19	8.3	.226	dG4	+ 11.3	1.4 3	
B 2940	95934	11 01.7	+38 31	6.1	.074	dA5n	+ 6.5	2.5 3	+ 4.9 V
B 2941	95976	02.0	+38 31	7.4	.076	dF5	+ 4.3	2.1 5r	
χ Leo	96097	02.4	+ 7 36	4.7	.308	dF3	+ 3.0	0.8 4	+ 6.1 L
G 15275	96373	04.1	+15 27	7.6	.029	gM3	- 0.9	0.4 3	
B 2949	96418	04.4	+25 48	6.7	.071	dF6	- 7.4	2.7 4	
A 8061A	96478	11 04.6	+11 11	9.3	.061	gKo	+ 11.6	2.3 3	
A 8061B	----	04.6	+11 11	9.5	---	gKo	+ 8.8	1.5 2	
G 15294	96360	04.7	+68 38	8.4	.031	gM4	- 53.7	1.6 3	
G 15299	96553	04.9	-15 05	8.3	.296	dGo	+ 9.3	0.9 3	
59° 1351	96656	06.0	+59 29	7.3	.032	dG5	+ 7.5	0.8 4	
G 15327	96734	11 06.4	+51 39	7.1	.021	gM4	- 19.2	2.1 3	
66° 703	96972	07.9	+66 18	8.8	---	gG7	- 1.6	2.1 4*	
G 15361	97068	08.0	+11 34	7.5	.031	gM4.5	+ 0.4	1.1 3	
14° 3289	97635	11.6	-15 10	8.1	---	gFon	+ 6.3	2.1 4	
A 8100B	----	12.0	+73 45	7.5	---	gMo	+ 3.5	1.9 3	
C 1371	97783	11 12.3	-23 22	8.7	.309	dG2	+ 87.4	2.0 4	
G 15480	97918	13.1	-12 19	6.7	.037	gM4	- 0.8	1.7 3	
B 2979	97937	13.4	+13 07	6.5	.071	dA8n	- 20.	var 4*	- 20.7 V
G 15514	98088	14.4	- 6 52	6.0	.016	gFop	- 55.	var 5*	
A 8119A	98231	15.5	+31 49	4.4	.733	dGo	- 14.6	0.8 4	- 15.7 L
A 8119B	----	11 15.5	+31 49	4.9	---	dGo	- 16.0	0.6 4	
A 8131B	----	16.8	- 1 23	8.0	.282	dG3	+ 16.4	1.0 3	
σ Leo	98664	18.6	+ 6 18	4.1	.096	B9	- 3.2	1.5 3	- 5.3 M
15° 2325	----	19.8	+14 46	9.5	.567	dK5	+ 20.9	2.1 4	
15° 2326	98883	20.3	+14 36	8.3	.032	gK1	- 29.8	1.1 3	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
ι Leo	99028	11 21.3	+10 48	4.0	0.188	dF4	- 12.4	0.1	2	- 9.7 M
14° 2382	99088	21.7	+14 11	8.1	.131	dF7	+ 21.5	1.5	3	
B 3007	99283	23.1	+56 07	5.8	.082	gG6	- 4.7	1.3	3	- 6.7 V
B 3011	99329	23.3	+ 4 08	6.4	.093	dA6n	+ 2.1	2.3	3	- 6.v VS
B 3019	99625	25.1	-25 35	6.7	.068	dG7	- 14.1	1.5	3	
A 8175A	99787	11 26.4	+39 37	5.3	.052	A2n	- 3.	4.0	4	- 11.5 M
A 8175B	----	26.4	+39 37	8.4	---	dG5	- 3.2	0.7	2	
G 15790	100041	28.3	+28 44	7.0	.085	gM3.5	+ 85.3	2.4	4*	
A 8190A	100070	28.3	- 6 27	7.6	.040	dF3	+ 3.6	0.9	3	
B 3034	100238	29.4	- 6 12	6.9	.092	gK1	+ 4.2	0.6	3	
B 3039	100343	11 30.2	- 7 33	6.2	.012	gK4	- 0.8	1.8	4	
ξ Hya	100407	30.5	-31 35	3.7	.215	gG7	- 2.9	1.1	3	- 4.6 M
G 15847	100418	30.7	-16 00	6.0	.049	gGo	- 4.8	0.5	3	
A 8220B	-----	32.1	+17 04	7.3	.012	B6	+ 15.	5.	4	+ 14. V
B 3052	100808	33.7	+28 03	5.8	.023	A4n	+ 16.3	2.1	5	+ 3.7 DV
A 8236A	100831	11 33.9	+56 25	7.9	.208	dG2	- 15.7	0.7	3	
A 8236B	------	33.9	+56 25	8.4	---	dG6	- 17.6	0.9	3	
30° 2180	------	36.0	+30 03	8.1	.036	gF8	- 6.8	1.5	5	
C 1437	101227	36.5	+44 34	8.0	.240	dG4	+ 13.5	1.8	5	
45° 1951	101330	37.1	+44 48	8.2	.032	gG4	+ 3.1	0.9	4	
G 16008	101370	11 37.3	-16 21	6.5	.019	gM2.5	+ 26.4	2.5	4*	
44° 2115	101549	38.7	+44 17	7.8	.010	A3n	- 8.9	2.7	3	
68° 658	101656	39.6	+68 28	9.1	---	dG4	- 1.0	2.1	4	
44° 2118	101716	39.9	+44 03	8.0	.053	dF8	- 26.2	0.9	4	
G 16106	101967	41.6	+44 46	7.8	.209	dF4	+ 14.6	1.5	5	
ξ Vir	102124	11 42.7	+ 8 32	5.1	.066	A3n	- 2.	5.	5*	0. YLV
G 16127	102159	43.0	+36 10	7.2	.057	gM5	+ 61.2	1.1	2	+ 58. L
G 16138	102253	43.5	+ 7 27	7.1	.056	gM2	- 18.8	1.3	4	
G 16159	102326	44.6	+77 19	8.9	.207	dG7	- 92.1	2.5	4r	
B 3097	102510	45.3	+ 8 31	5.2	.057	A1	- 1.0	2.0	4	- 0.8 LYV
β Leo	102647	11 46.5	+14 51	2.2	.511	A4n	+ 4.9	1.8	5	- 2.3 M
β Vir	102870	48.1	+ 2 03	3.8	.792	dF8	+ 2.5	0.9	5	+ 5.0 M
G 16223	102942	48.6	+33 39	6.1	.024	dF1	+ 2.8	0.9	7	0.0 V
G 16227	102925	48.7	+69 07	7.1	.064	A2	+ 13.	var	4*	
B 3112	103095	50.1	+38 05	6.5	7.047	dG5	- 98.6	0.5	11r	- 97.2 L
23°10243	103191	11 50.1	-24 12	8.7	0.315	dG5	0.0	2.0	3	
G 16259	103126	50.7	+86 30	9.1	.326	dKo	+ 10.	var	4*	
A 8344A	103321	51.4	+72 12	7.5	---	dF5	- 7.8	1.3	3	
-0° 2507	103341	51.5	- 0 46	8.5	.021	gG7	+ 12.4	1.6	3	
G 16290	103459	52.3	- 1 10	7.9	.343	dG5	+ 18.8	1.4	3	
+0° 2858	103486	11 52.5	- 0 17	8.3	.050	gF2	0.	var	4*	
G 16299	103500	52.7	+37 02	6.5	.079	gM2.5	+ 18.8	0.8	2	+ 20.7 D
-0° 2512	103631	53.4	- 1 11	8.5	---	dF6	+ 1.3	0.8	3	
G 16322	103661	53.6	+16 00	8.5	.044	gM4.5	- 28.6	1.2	3	
G 16410	104207	57.5	+19 42	7.1	.104	gM4	+ 35.0	1.6	3	
B 3137	104304	11 58.2	-10 10	5.6	.498	dG7	+ 0.2	0.5	5r	+ 1.8 V
29° 2245	104319	58.3	+29 28	8.5	.059	dGo	+ 14.8	1.7	4	
G 16437	104436	59.1	+65 13	7.2	.062	gA8	- 5.4	1.9	4	
A 8395A	104435	59.1	+71 08	7.4	.011	gKo	+ 3.6	1.1	3	
30° 2212	104451	59.2	+29 50	8.4	.062	gF3	- 13.	var	4*	
B 3142	104453	11 59.2	+22 22	6.6	.043	gF8	+ 10.9	2.0	7	+ 9.8 V
29° 2251	104688	12 00.8	+29 25	8.5	.027	gK4	- 5.2	1.3	4	
B 3154	104904	02.2	+85 52	6.4	.103	dF6	+ 7.7	1.8	3	+ 7.0 D
A 8413A	105028	03.0	+69 04	7.6	.048	gKo	- 23.5	0.9	3	
A 8413E	105029	03.0	+69 02	8.1	.058	gM4	+ 12.7	1.5	3	
G 16520	105036	12 03.0	- 5 34	6.8	.012	gM3	- 18.3	0.8	3	
A 8414A	105031	03.0	+52 13	7.0	.014	gG5	- 17.5	1.3	5	
A 8414B	------	03.0	+52 13	8.0	---	gFo	- 17.2	0.4	3	
30° 2223	105182	04.1	+29 48	8.5	.060	gK4	- 16.2	1.7	4	
A 8434A	105421	05.6	+55 45	8.0	.187	dF8	+ 3.5	1.3	3	
A 8434B	105422	12 05.7	+55 45	8.4	.184	dG1	+ 7.0	1.6	4	
B 3173	105778	08.0	+17 05	6.3	.022	Aon	- 10.	3.3	5	- 12.8 V
G 16640	105901	08.8	- 5 39	8.2	.290	dG4	- 9.	var	4*	
B 3181	106057	09.6	+20 49	5.7	.034	gG8	- 23.3	1.4	4r	- 25.8 V
A 8470A	106365	11.6	+33 04	6.8	.113	gK3	- 9.8	0.9	4r	

TABLE I (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
A 8470B	------	12 11.6	+33 04	8.8	---	dF8	- 4.4	2.2	4	
G 16712	106384	11.7	- 5 26	6.5	0.141	dF3	+ 8.6	0.4	3	
G 16723	106485	12.4	-20 34	6.0	.003	gG7	+ 16.6	2.1	4	
δ UMa	106591	13.0	+57 19	3.4	.106	A2n	- 7.7	2.0	5	- 12. M
G 16745	------	13.4	+ 5 55	9.3	.301	dK6	+ 44.2	0.2	3	
B 3192	106661	12 13.5	+15 11	5.1	.091	A2n	+ 4.	var	5	+ 11.v M
A 8489B	------	13.6	+40 56	8.0	---	dF6	- 17.3	0.2	2	
G 16759	106811	14.3	+63 54	8.4	.282	dG3	+ 52.3	2.5	4*	
B 3198	106887	15.0	+29 13	5.7	.054	gA5n	- 7.6	2.4	5	- 7.5 V
G 16773	106949	15.3	+15 18	8.3	.148	dF6	+ 7.3	0.7	3	
G 16784	107028	12 15.7	+69 04	7.8	.122	dG3	- 29.7	2.0	3	
A 8506A	107068	16.2	+12 04	9.1	.040	dGo	+ 12.5	2.5	5*	
A 8506B	------	16.2	+12 04	9.3	---	dG2	+ 16.1	2.2	3	
B 3211	107274	17.4	+49 16	5.6	.011	gM1	+ 7.8	0.9	6	+ 11.0 D
G 16822	107295	17.6	-21 54	6.1	.115	dG2	- 1.7	1.1	3	
G 16827	107326	12 17.8	+26 17	6.1	.146	dA8n	+ 4.0	2.6	4	+ 5. V
B 3213	107328	17.8	+ 3 35	5.1	.301	gK1	+ 35.5	0.3	5r	+ 35.4 M
C 1553	107632	19.6	+42 30	9.2	.30:	dG1	- 30.3	1.1	3	
G 16868	107642	19.7	-15 17	6.7	.030	gK2	+ 10.8	1.2	3r	
G 16886	107814	20.7	-11 32	6.7	.073	gM3	+ 4.0	1.6	4	
B 3228	107869	12 21.2	-30 03	6.6	.014	gMo	+ 68.	3.5	2	
B 3229	107904	21.3	+42 49	6.0	.077	gFon	- 11.	var	5*	- 4.v D
B 3230	107950	21.6	+51 50	5.0	.013	gG7	- 10.8	1.3	3	- 13.0 M
G 16907	107937	21.6	+ 6 15	8.0	.028	gM4	+ 26.	var	4*	
A 8539A	108007	21.9	+25 52	6.3	.018	dA6n	- 10.	3.6	7	- 15.5 V
G 16925	108081	12 22.4	- 3 57	8.3	.270	dG4	+ 47.	var	7*	
36° 2268	------	22.8	+36 16	9.1	---	B3	+ 43.3	1.1	5	
G 16960	108399	24.2	+72 12	6.4	.156	gG8	+ 3.9	0.2	3	+ 8.7 D
A 8553B	------	24.7	+27 18	9.5	---	dK6	- 0.3	2.7	3	
G 16978	108464	25.1	+41 38	6.8	.029	gF5	- 5.4	1.4	6	- 7.9 V
C 1576	108523	12 25.5	-15 23	8.3	.30:	dG4	+ 20.7	1.6	3	
A 8569A	108693	26.6	+31 40	8.1	.139	dF8	- 47.8	1.1	3	
B 3257	108765	27.2	+21 10	5.7	.046	A1n	- 4.8	1.8	8	- 8.1 V
A 8572B	------	27.3	-16 15	8.2	.249	dK2	+ 7.7	2.3	3	
B 3265	108907	27.9	+69 29	5.2	.082	gM4	- 8.4	0.6	3	- 14.v L
B 3262	108875	12 28.0	+10 00	7.9	.079	dF5	- 14.5	1.9	3	
A 8586A	109054	29.2	+27 18	9.2	.015	dG3	- 7.0	0.9	3	
G 17115	109282	31.0	+24 43	7.4	.021	gM3	- 5.	var	4*	
B 3276	109307	31.1	+24 34	6.1	.021	cA4	+ 1.4	2.0	2	+ 2.3 SV
B 3278	109317	31.2	+33 31	5.4	.045	gG7	- 15.5	2.1	4	- 20.8 M
B 3277	109309	12 31.2	- 9 11	5.4	.083	B9n	- 9.	5.	2	- 11. M
G 17125	109345	31.3	+33 40	6.4	.016	gG8	- 40.8	0.3	3	- 42.7 D
B 3288	109646	33.7	+80 32	7.4	.096	dF4	+ 34.8	0.5	3	
G 17165	109585	33.4	-20 15	6.1	.046	dFon	- 2.0	2.3	5	
A 8605A	109654	33.5	+56 51	8.0	.040	gK1	- 29.6	0.5	3	
G 17208	110010	12 35.7	+79 29	7.0	.122	dG2	- 19.0	1.2	4	
G 17216	109931	36.1	-17 59	6.1	.118	dA6n	- 13.4	2.0	4	
B 3299	110024	36.6	+21 20	5.5	.086	gG8	- 11.4	2.0	3*	- 26.1 V
75° 479	110312	38.1	+74 41	8.1	.004	gK4	- 40.8	2.1	5	
G 17273	110385	39.2	-19 29	6.0	.215	dF2n	- 3.3	0.3	3	
B 3308	110418	12 39.4	- 7 14	7.2	.048	gM1	- 1.1	0.5	11	
C 1612	------	40.2	+73 14	9.3	.30:	dG2	- 45.7	2.0	3	
76° 464	110611	40.2	+75 37	8.0	---	dG9	- 33.2	1.5	4	
G 17302	110612	40.7	+10 22	8.0	.063	gM3	- 13.6	2.0	4	
G 17326	110833	42.0	+52 02	7.0	.440	dKo	+ 9.1	1.3	3	
G 17344	------	12 42.9	+14 38	7.5	.092	dF5	- 44.6	0.3	3	
B 3326	111028	43.8	+ 9 49	5.9	.529	sgK1	+ 51.7	0.6	6r	+ 51.6 V
B 3327	111067	44.1	+16 51	5.3	.009	gK5	+ 56.8	2.9	6*	+ 50.7 L
B 3329	111164	44.7	+12 14	6.0	.048	Aon	0.	3.3	4	- 3.5 D
1° 2756	------	45.2	+ 1 28	9.5	---	dG8	- 12.1	1.3	3	
G 17392	111307	12 45.8	+19 36	7.8	.016	gM3	- 6.0	0.9	3	
G 17415	111499	47.2	-14 48	7.0	.014	gM5	- 13.9	1.2	3	
B 3343	111604	47.8	+37 47	5.9	.099	Aon	- 8.	3.9	3	- 14. V
B 3355	112033	50.8	+21 31	5.1	.055	gG8	- 3.8	1.1	4	- 6.6 M
G 17496	112082	51.0	+46 56	7.6	.013	gM4	- 25.1	1.7	4	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 17541	112278	12 53.0	+11 46	7.0	0.022	gM4	- 51.9	0.3	3	
A 8705AB	------	53.6	+70 10	9.0	---	dG8	- 27.6	1.4	3	
G 17582	112570	54.8	+46 27	6.2	.056	gG5	+ 7.5	0.3	4	+ 8.5 D
44° 2238	112610	55.2	+44 05	8.0	.056	dF4	+ 2.8	0.9	5	
13° 3627	112575	55.2	-14 12	8.9	.536	dK6	+ 5.6	1.6	4	
B 3407	114282	12 58.4	+87 55	7.6	.016	gK3	- 54.1	1.1	3	
A 8740A	113097	58.8	+16 08	9.5	.045	dF6	+ 7.0	1.8	3	
G 17676	113126	59.0	+ 1 47	7.9	.021	gM3.5	+ 9.5	2.1	4	
A 8749A	113303	13 00.1	+23 46	7.6	.049	dF2	+ 5.5	1.4	3	
G 17706	113406	00.8	+24 06	7.2	.043	gM2.5	+ 5.7	1.9	4	+ 1. L
B 3388	113459	13 01.3	- 3 24	6.5	.055	dA7n	+ 2.	3.1	6r	
85° 214	113826	01.5	+84 32	9.2	---	dG4	- 31.0	0.7	3	
G 17717	113496	01.5	+11 30	7.9	.014	gM4.5	- 2.0	0.7	3	
G 17722	113545	01.6	+43 17	7.0	.013	gM3	+ 14.5	1.0	3	
B 3392	113797	03.4	+36 04	5.1	.031	B9n	- 11.2	2.3	8	- 13.6 M
B 3394	113817	13 03.8	-14 39	7.2	.042	gG5	- 11.7	1.3	3	
A 8786A	113984	04.8	+ 0 51	7.2	.158	dF5	- 32.7	1.9	4r	
A 8786B	------	04.8	+ 0 51	7.6	.158	dGo	- 87.0	1.5	3	
G 17808	114159	06.0	+43 27	7.8	.043	gM3	- 17.0	1.7	3	
C 1688	114172	06.2	+29 39	8.6	.222	dGo	- 40.2	1.6	4	
G 17821	114300	13 07.0	+17 45	8.7	.035	gM1	- 24.6	1.3	4r	
G 17826	114357	07.3	+37 41	6.1	.103	gK4	- 17.3	0.7	4	- 18.7 D
B 3409	114330	07.4	- 5 16	4.4	.053	A2	- 5.9	1.2	3	- 3.4 YLV
29° 2374	114401	07.6	+29 06	8.8	.010	gK1	- 3.7	1.5	5	
30° 2372	114448	08.0	+29 42	8.6	.026	gKo	+ 2.6	2.2	3	
29° 2379	114635	13 09.1	+29 08	8.8	.043	dF7	- 11.4	2.3	4	
A 8814A	114723	09.7	+32 21	6.7	.043	dF4	- 14.9	2.3	5	- 12.7 D
G 17881	114762	09.9	+17 47	7.7	.576	dF7	+ 49.4	0.5	7r	
G 17911	115061	11.3	+67 34	7.0	.156	sgK2	+ 4.5	0.9	3	
57° 1424	115019	11.4	+56 56	8.6	.023	gKo	- 18.2	1.7	3	
B 3431	114960	13 11.4	+ 1 43	6.8	.076	gK5	+ 2.1	2.3	4	+ 9.5v V
B 3432	115004	11.4	+40 25	5.0	.050	gG8	- 20.1	0.8	4r	- 21.6 L
G 17919	115043	11.6	+56 58	6.7	.117	dG2	- 10.0	1.5	3	- 7.9 L
B 3433	115062	12.1	-10 06	7.2	.064	gM2	+ 27.8	1.8	3	
B 3435	115080	12.3	-11 06	6.9	.380	dG3	+ 7.7	0.8	6r	
B 3436	115079	13 12.4	-11 05	7.8	.007	gK2	+ 9.6	1.3	3	
G 17962	115322	13.9	+ 6 46	7.2	.056	gM4	- 20.4	1.0	2	- 24. L
G 17981	115404	14.4	+17 17	6.6	.686	dK3	+ 6.0	0.6	5r	
B 3445	115478	14.8	+13 56	5.4	.032	gK5	- 24.8	0.8	5r	- 25.6 L
G 17992	115467	14.9	-15 17	6.7	.083	gG5	+ 24.7	1.0	5	
G 18010	115723	13 16.2	+34 22	6.0	.042	gK5	- 18.0	0.4	4	- 19.6 D
A 8852A	115721	16.2	+40 10	8.1	.045	dG2	- 25.4	1.7	4	
22° 3557	------	16.5	-22 46	9.4	.340	dKo	- 57.6	1.1	3	
B 3465	116292	20.3	-17 28	5.4	.060	gG5	- 29.2	0.1	3	- 26.4 L
14° 3708	116332	20.5	-15 09	8.6	---	gK5	+ 30.6	1.8	4	
G 18112	116475	13 21.0	+47 16	6.9	.006	gM4	- 8.8	1.1	3	
B 3471	116568	22.0	- 4 54	5.8	.161	dF3	+ 14.4	2.4	4	+ 11.5v S
G 18158	116926	23.3	+68 26	9.7	.237	dG8	- 20.1	1.8	4	
23° 11071	116858	23.9	-24 02	8.4	.366	dKo	- 10.4	1.0	3	
23° 11076	116920	24.3	-24 02	8.6	.314	dK1	- 6.5	1.4	3	
A 8903AB	117173	13 24.3	+76 15	8.2	---	dF2n	- 11.4	2.0	3	
G 18201	117655	25.6	+83 34	7.3	.104	dG4	- 25.9	0.7	3	
B 3484	117104	25.7	-24 57	7.3	.058	dF7	- 34.3	2.2	4	
34° 2426	117262	26.4	+33 56	8.2	.042	gK2	- 7.4	1.3	4r	
B 3497	117566	26.5	+78 54	5.9	.138	gG4	+ 15.6	0.2	2	+ 14.3 V
G 18281	117673	13 29.0	+36 44	7.7	.015	gM3.5	- 1.4	1.3	3	
B 3500	117710	29.1	+42 22	6.2	.096	gK3	- 19.1	0.7	4r	- 19.7 D
B 3499	117675	29.4	- 6 00	4.8	.112	gM3	+ 18.4	1.5	4r	+ 18.3 M
A 8934A	117846	30.1	+37 05	7.3	.018	gG5	- 24.2	1.0	4	
A 8934B	------	30.1	+37 05	8.2	---	dF2	- 21.3	1.4	3	
o Vir	118022	13 31.6	+ 3 55	4.9	.050	oA2	- 8.4	0.6	5r	- 10.9 M
G 18377	118289	33.4	+ 8 33	7.1	.050	gM4	+ 23.6	1.3	3	
G 18399	118508	34.6	+24 52	5.9	.029	gM2	- 35.7	1.1	4*	- 26.1 D
+0° 3082	118526	34.9	+ 0 02	8.5	.010	gFo	+ 14.2	0.7	4	
A 8972A	118511	35.0	- 7 37	7.1	.013	gG5	- 4.3	1.2	4	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
A 8972B	------	13 35.0	- 7 37	7.6	---	gG4	- 1.2	0.9	3	
G 18429	118788	35.6	+67 17	6.8	0.083	gG4	- 1.1	0.5	3	
B 3523	118741	35.7	+50 58	6.8	.014	gM3	- 47.5	1.6	5	- 46.6 D
A 8981C	------	35.8	+39 26	9.6	.270	dG8	- 26.2	1.8	2	
G 18479	119035	38.0	+31 16	6.1	.112	gG3	- 17.8	1.2	3	- 17.6 SV
A 8991A	119055	13 38.3	+20 12	5.6	.051	A2	- 28.9	1.8	2	- 23.0 V
A 8991B	------	38.3	+20 12	9.1	---	dF8	- 26.8	1.8	3	
G 18523	119290	39.8	+ 1 15	7.9	.019	gM3.5	- 7.2	0.8	3	
B 3539	119476	40.0	+65 04	5.7	.055	B9n	+ 2.2	2.3	4*	- 15.4 V
G 18535	119392	40.2	+23 34	7.5	.068	gM4	- 35.7	1.2	3	
G 18539	119458	13 40.5	+35 14	6.0	.018	gG2	- 5.	var	4*	- 26. S
A 9000B	------	40.5	+ 3 47	8.2	---	dG5	- 41.2	0.6	2	
17° 3918	119608	41.8	-17 41	7.3	---	cBo	+ 25.3	2.4	5*	+ 19.9 L
B 3543	119706	42.3	- 7 23	7.1	.039	gK1	- 31.6	0.8	4	
G 18602	119850	43.2	+15 10	8.5	2.507	dM2	+ 15.7	0.9	5r	
B 3548	119853	13 43.3	-12 11	5.8	0.021	gG6	- 10.4	1.0	3	
G 18605	119992	43.4	+56 08	6.4	.382	dF4	- 2.9	1.1	3r	- 6.0 V
G 18621	120048	44.2	+38 45	6.0	.052	gG5	- 14.4	0.2	3	- 11.9 S
η UMa	120315	45.6	+49 34	1.9	.123	B3n	- 10.0	2.7	2	- 10.9 M
B 3563	120235	45.7	- 6 35	6.6	.045	gG4	- 1.4	1.6	4	
B 3568	120348	13 46.0	+42 18	6.8	.072	gK2	- 0.4	0.2	4r	
G 18704	120787	48.1	+61 44	6.0	.124	dG3	- 11.6	0.2	3	- 11.7 D
G 18705	120771	48.2	+55 07	8.2	.049	gM4.5	- 9.2	1.5	3	
42° 2444	120817	48.6	+42 23	7.5	.011	A2n	- 2.5	2.0	5*	- 16. D
G 18742	120950	49.6	+39 55	7.8	.026	gM4.5	+ 33.0	0.7	3	
G 18744	121146	13 49.8	+68 34	6.4	.202	sgK2	- 46.0	0.5	3	- 43.5 D
G 18747	120901	49.9	-18 28	7.0	.049	dF3	- 38.	var	5*	
B 3598	121457	50.2	+79 15	6.6	.046	gK1	- 3.6	1.1	3	- 3.8 V
G 18785	121297	51.5	+52 34	7.0	.016	gM4	- 18.4	1.7	3	
η Boo	121370	52.3	+18 39	2.8	.370	dF7	- 7.2	1.1	6	- 0.2v O
G 18864	121979	13 55.0	+67 11	8.2	.147	dG6	- 14.3	1.9	3	
A 9069A	122189	55.1	+78 39	7.9	.016	dF4	- 3.4	0.6	3	
A 9069B	------	55.1	+78 39	9.7	---	dGo	- 2.5	1.7	3	
B 3604	121847	55.7	-24 44	5.2	.061	B8n	+ 11.	4.1	4*	- 3.7 L
A 9072A	121906	55.8	+19 42	8.6	---	dFo	+ 3.2	2.3	4	
2° 2752	121908	13 55.8	+ 2 29	8.5	---	dF9	+ 8.1	1.8	3	
G 18910	122132	56.8	+46 50	7.2	.024	gM2	- 57.9	2.0	3	- 60. L
B 3609	122135	57.4	- 7 55	6.6	.061	gG5	- 3.	var	4*	
G 18965	122563	14 00.1	+ 9 56	6.1	.211	sdF5p	- 26.1	0.6	3*	- 21.1 S
73° 615	123154	01.3	+73 12	8.8	.12:	dG7	- 14.6	3.1	4r	
G 19040	123214	14 04.0	-13 58	6.7	.025	gM4	+ 8.7	1.7	3	
G 19043	123303	04.1	+17 12	6.8	.012	gM4	+ 14.3	1.4	3	
G 19067	123802	05.1	+74 57	7.6	.136	gK3	- 68.1	1.5	4r	
G 19088	123598	06.2	-19 01	7.2	.058	gM3	+ 52.0	1.3	2*	+ 65. L
B 3631	123782	06.4	+49 42	5.4	.084	gM2	- 11.5	1.0	5r	- 13.5 M
G 19105	123760	14 07.0	+10 29	7.9	.181	dG3	- 3.5	2.7	5*	+ 2. L
A 9136A	123963	07.9	+26 50	8.4	.188	dG4	- 24.6	2.1	4	
A 9136B	------	07.9	+26 50	9.4	---	dG7	- 26.2	0.6	3	
B 3649	124547	09.0	+77 47	5.0	.043	gK4	+ 10.	var	6	+ 9.5v V
G 19144	124106	09.1	-12 22	7.9	.309	dKo	+ 8.1	1.0	3	
B 3640	124248	14 09.9	- 9 40	7.3	.046	dA8	0.0	2.7	4	
G 19195	124752	11.4	+67 49	8.2	.154	dK1	- 7.6	1.7	3	
G 19223	124681	12.4	+ 3 34	6.6	.052	gM4	- 45.2	0.3	2	- 47.8 D
α Boo	124897	13.4	+19 26	0.2	2.284	gKo	- 5.0	0.1	76	- 5.1 M
A 9188A	124929	13.8	+ 6 19	7.9	0.014	A5	- 18.2	1.2	3	
A 9197A	125193	14 14.4	+56 55	6.6	.105	dG2	- 29.4	0.4	3	
B 3675	125377	16.4	+ 4 07	8.7	.065	gG5	- 44.4	0.2	3	
B 3678	125454	17.0	- 2 02	5.2	.141	gKo	- 26.9	1.1	5	- 27.2 M
15° 2695	125504	17.0	+15 10	8.1	.012	gK5	- 18.4	0.9	4	
G 19347	125796	18.5	+48 44	7.2	.057	dF8	- 18.3	1.1	3	
G 19385	126009	14 20.0	+29 36	6.6	.047	gM4.5	- 18.4	1.7	3	
B 3688	125823	20.0	-39 17	4.6	.048	B7	+ 5.2	1.4	2	+ 8.7 L
B 3694	126201	21.5	+ 6 03	7.7	.047	dG8	- 39.9	0.6	3	
G 19433	126271	21.8	+ 8 19	6.2	.152	gK4	- 31.0	1.1	3	- 29.0 D
B 3698	126251	22.0	-11 27	6.5	.083	dF2	- 36.3	2.0	4	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 19438	126273	14 22.0	- 2 07	7.4	0.035	gM3	- 27.2	2.5	4*	
G 19473	126795	23.7	+65 23	9.1	.181	dG2	+ 20.3	0.3	3	
C 1898	126681	24.7	-18 11	9.1	.30:	dGo	- 47.7	1.3	3	
B 3708	126766	25.0	-13 08	6.7	.075	gF4	- 18.8	2.2	4	
G 19512	126947	26.0	+ 5 54	7.5	.033	gM3	+ 18.	var	4*	
G 19528	127093	14 26.5	+26 05	7.0	.031	gM4	+ 0.3	0.5	3	
G 19550	127334	27.6	+42 01	6.4	.273	dG4	- 1.6	0.7	3	0.0 D
G 19572	127337	28.2	+ 5 00	6.1	.021	gK4	+ 6.9	2.3	4*	
υ 19598	127618	29.7	+ 4 22	7.4	.015	gM3	+ 0.8	2.1	4	
B 3723	127929	30.4	+60 27	6.2	.052	gFo	- 19.1	1.9	3	- 19.5 D
G 19627	128000	14 31.0	+55 37	6.0	.023	gK5	+ 2.4	0.8	3	+ 4.8 D
G 19705	129245	35.0	+79 53	6.4	.127	gK3	- 22.2	1.4	3	- 22.9 V
G 19724	128684	35.9	- 3 24	7.4	.022	gM3.5	- 2.0	1.6	3	- 11. L
B 3737	128756	36.5	-24 49	8.1	.042	gKo	+ 12.3	1.8	3	
G 19757	129333	37.9	+64 30	7.4	.148	dGo	- 31.0	1.3	3	
69° 765	130043	14 41.4	+69 19	9.2	---	dGo	- 6.6	1.5	3	
A 9366A	129868	42.3	+ 7 55	8.0	.016	gG4	- 15.2	0.7	3	
A 9366B	------	42.3	+ 7 55	8.5	---	dA8n	- 17.2	1.9	4	
G 19852	129902	42.6	+ 1 12	6.2	.057	gM1	- 46.7	0.3	3	
ϵ Boo	129989	42.8	+27 17	2.7	.051	gKo	- 14.3	1.3	4r	- 16.4 M
G 19867	130084	14 43.1	+33 00	6.5	.093	gM1	+ 27.5	1.8	3	+ 33.3 D
34° 2559	130083	43.2	+34 35	7.8	.005	gM2	- 24.	var	7r*	
G 19871	129944	43.2	-22 57	5.9	.069	gG5	+ 7.8	1.7	4	
A 9383A	130256	44.6	+ 1 11	6.8	.048	Ao	+ 3.	4.0	4*	
A 9383B	------	44.6	+ 1 11	9.1	---	dF3	- 7.6	1.9	4	
B 3775	130259	14 44.8	-25 53	5.4	.044	gG5	+ 0.1	0.4	3	- 0.9 M
G 19934	130604	46.4	+ 6 10	6.7	.093	dF5	- 1.5	0.7	3	
B 3778	130529	46.4	-24 03	5.8	.028	gK1	- 25.8	0.5	3	
A 9396A	130559	46.6	-13 57	5.4	.068	A3	- 10.8	1.6	4	- 2.0 LYV
A 9396B	------	46.6	-13 57	6.3	---	A3	+ 0.7	1.1	4	
G 19943	130669	14 46.8	+10 25	8.2	.229	dG9	- 91.1	1.5	3	
68° 801	131020	47.0	+68 10	9.2	---	dG8	+ 5.0	1.8	3	
B 3788	130917	47.8	+28 49	5.7	.022	B9n	+ 6.	var	6*	- 14.7 V
A 9405A	131040	47.9	+51 35	6.4	.011	dF4	- 5.9	1.6	3	- 6.0 V
G 19983	131023	48.6	+ 9 56	7.3	.230	dG5	- 35.1	1.8	3	
B 3791	130989	14 48.8	-17 35	6.7	.134	dF5	+ 25.3	1.2	3	
B 3801	131430	51.4	-24 26	5.4	.038	gK2	+ 9.7	2.1	3	+ 8.7 M
G 20049	131582	51.5	+23 33	8.8	.837	dK6	- 29.8	1.9	4r	
B 3877	135294	53.6	+87 25	7.2	.020	gK1	- 26.6	1.5	3	
B 3833	133002	53.6	+82 43	5.7	.340	dGo	- 42.4	1.0	4r	- 46.3 V
G 20124	132112	14 55.0	-12 14	7.6	.036	gM5	+ 4.7	1.0	3	
G 20131	132770	55.3	+75 05	7.0	.002	gM3	+ 30.4	1.3	3	
B 3820	132230	55.5	-10 57	6.4	.026	Aon	- 17.	var	4*	
B 3823	132345	56.2	-10 57	6.0	.125	gK4	- 11.0	1.9	8*	
B 3827	132813	56.8	+66 08	4.9	.082	gM5	+ 7.1	1.1	5	+ 6.8v V
B 3826	132772	14 57.7	+39 28	5.6	.044	gF3n	+ 10.6	0.4	4	+ 12.6 D
G 20204	132971	58.9	+31 34	8.0	.072	gM4	- 16.2	1.5	3	
B 3834	133124	59.9	+25 12	4.9	.055	gK5	+ 13.6	0.7	4	+ 13.5 L
G 20239	133254	15 00.4	+31 53	6.8	.026	gM4	- 27.4	2.2	4	
G 20249	133235	00.9	- 7 23	8.1	.016	gM2	+ 14.9	1.9	4	
B 3844	133604	15 03.3	-23 08	7.1	.052	gF5n	- 28.0	1.0	3	
29° 2621	------	03.9	+29 12	8.5	.013	gG4	-- 8.0	1.3	3	
29° 2622	------	04.0	+29 37	8.5	.014	gFon	- 25.	3.9	5*	
G 20325	133894	04.5	- 8 44	8.3	.017	gM3.5	- 1.3	1.2	3	
B 3854	134044	04.6	+36 39	6.3	.068	dF7	- 4.4	1.0	3	- 6.5 V
30° 2611	------	15 04.8	+30 13	8.8	.018	dG2	-278.7	0.5	4	
G 20334	134319	05.0	+64 14	8.3	.159	dG5	- 3.8	0.9	3	
G 20351	134584	05.4	+74 05	7.2	.037	A3	- 16.4	1.8	3	
G 20362	134585	05.7	+72 04	7.6	.107	gK1	- 17.1	1.5	3	
A 9520A	134646	06.9	+63 18	7.0	.002	gF2	0.	var	4*	
A 9527A	134679	15 08.0	+39 10	7.9	.088	dF8	- 12.8	2.7	4*	
G 20402	134627	08.1	+11 52	7.1	.022	gM2.5	- 19.2	1.0	3	
ι L1b	134759	09.4	-19 36	4.7	.059	B9n	- 18.1	2.2	6	- 11.6v M
B 3870	135100	09.8	+48 53	8.2	.019	dF1	- 14.3	2.3	4*	
G 20444	134963	09.8	+22 30	6.8	.050	gM2.5	- 27.2	1.5	4	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
A 9535B	------	15 10.5	+19 28	7.6	0.665	dG6	- 39.6	1.4	6r	- 38.4 V
A 9538A	135051	10.9	-26 00	6.0	.018	gG5	- 27.8	1.6	3	
A 9543A	135264	11.4	+14 38	8.4	.079	dF6	+ 29.0	0.8	4	
A 9543B	------	11.4	+14 38	9.2	---	dF8	+ 28.1	1.5	4	
3° 3746	------	11.4	- 3 37	9.2	.78:	dMo	-107.2	1.3	4r	
G 20478	135694	15 11.5	+72 02	8.9	.208	dG1	- 84.5	2.0	3	
G 20479	135207	11.6	-14 01	7.0	.029	gM2.5	+ 6.2	2.6	4*	
G 20494	135530	12.4	+42 21	6.4	.026	gM2.5	- 7.6	1.0	3	- 4.8 D
14° 4160	135485	13.0	-14 30	8.3	.015	cB5	- 5.6	1.8	4*	- 15.8 L
G 20536	135775	14.2	+ 9 54	6.6	.020	dF7	- 11.0	2.1	7r	- 7.6 V
G 20537	135725	15 14.2	- 8 06	8.0	.256	dG5	- 34.3	1.4	3	
B 3891	125758	14.8	-29 58	4.4	.019	gKo	- 6.2	2.1	2	- 3.3 L
G 20570	136028	15.9	- 0 17	6.0	.013	gK5	- 12.6	1.8	3	
G 20588	136140	16.7	- 8 58	7.5	.067	gM4	+ 10.7	1.0	3	
B 3912	136726	17.1	+72 00	5.1	.009	gK4	- 15.7	0.4	7	- 16.1 L
G 20623	136406	15 18.2	-15 12	7.5	.027	gKo	- 19.8	1.8	4	
B 3902	136407	18.2	-15 22	6.1	.029	gA8	+ 5.	3.4	5*	
B 3911	136729	18.6	+52 08	5.5	.011	Aln	+ 12.3	2.1	5	+ 6.3 M
B 3922	137071	20.8	+39 46	5.8	.022	gK4	- 10.6	1.5	2	- 11.1 S
η CrB	137107	21.1	+30 28	5.0	.236	dF9	- 8.3	1.0	4	- 6.5v Y
G 20757	137570	15 24.1	+10 13	7.1	.033	gM1.5	- 52.5	0.6	3	
B 3935	137744	25.4	-16 33	5.9	.040	gK5	- 20.9	2.0	4	
G 20819	138265	26.9	+60 51	6.1	.020	gK5	- 49.9	0.7	4	- 42.8 D
G 20843	139213	28.0	+82 04	8.0	.204	dG2	- 6.	var	5*	
A 9681A	138268	28.8	-20 00	6.1	.083	dA5n	- 40.	var	4*	
A 9681B	------	15 28.8	-20 00	8.7	.085	dF5	- 31.	var	4*	
B 3946	138527	29.8	+16 13	6.1	.001	B9	- 7.8	2.2	4	
G 20912	138648	31.1	-16 50	8.3	.358	dG9	+ 51.	var	4*	
B 3983	139777	32.0	+80 37	6.5	.253	dG3	- 14.1	1.5	4r	
A 9701A	138918	32.4	+10 42	4.2	.077	dA5n	- 43.7	1.5	3r	- 42.1 M
A 9701B	138917	15 32.4	+10 42	5.2	.078	dFo	- 36.6	2.0	3r	- 37.5 M
G 20968	139087	33.5	+11 26	6.1	.047	gKo	- 28.8	2.0	4r	- 23.8 S
28° 2447	139224	33.9	+28 35	8.3	.027	dF1	- 4.0	1.5	4	
G 20989	139586	34.2	+67 58	6.9	.151	dG5	- 33.9	1.8	3	
-0° 2990	139308	34.9	- 0 43	8.1	.029	gK1	- 24.2	1.5	4	
G 21033	139608	15 36.1	+24 41	7.1	.032	gM5	- 21.4	1.4	4	
B 3984	139780	36.7	+43 46	6.8	.013	Aln	+ 7.	3.2	4*	- 11.6 V
B 3981	139663	37.3	-23 39	5.1	.032	gK4	- 17.7	2.7	4	- 22.6 M
G 21071	140064	37.8	+57 37	7.6	.032	gM3	+ 1.6	0.8	3	
A 9740A	139862	37.8	+12 13	6.3	.018	gG5	- 19.9	1.4	3	- 20.5 D
-0° 2997	139840	15 37.8	- 0 45	8.3	.076	gKo	- 4.4	1.1	3	
B 3990	139997	39.1	-19 31	5.0	.120	gMo	+ 11.6	1.9	3	- 5.v M
C 2105	140611	40.1	+66 00	9.2	.27:	dG5	- 19.9	1.5	4	
G 21119	140590	40.3	+60 09	8.4	.276	dG6	+ 33.7	1.7	4	
G 21124	140283	40.4	-10 46	7.3	1.187	sdA5p	-171.0	1.0	10r	-175. V
γ CrB	140436	15 40.6	+26 27	3.9	0.111	Ao	- 10.9	2.2	6	- 10.4 M
B 4020	141652	42.3	+80 08	6.9	.051	gF3n	- 32.6	1.4	4	
B 4002	140687	42.8	-24 34	7.5	.110	sgKo	+ 2.2	0.1	3	
G 21233	141472	45.4	+55 38	5.9	.142	gK3	- 1.1	0.9	3	- 4.4 D
G 21239	141272	45.6	+ 1 44	7.9	.234	dG7	- 27.9	1.7	3	
A 9799A	141690	15 47.4	+25 37	8.2	.043	dG4	- 37.	var	4*	
44° 2511	141930	48.2	+44 40	7.6	.026	A2n	- 12.8	2.7	6*	- 20.2 D
B 4065	143173	48.5	+83 06	7.3	.007	dA6n	- 8.5	1.3	3	
81° 530	142653	48.5	+81 27	8.7	---	dF6	- 29.	var	4*	
B 4028	141851	48.6	- 2 56	5.2	.096	Aon	- 7.	3.4	4	- 7. M
G 21307	142474	15 49.0	+74 34	9.3	.332	dK6	- 27.	var	4*	
A 9816A	142282	49.8	+53 03	6.5	.019	A2	- 11.2	2.3	2	- 8.5 V
A 9816B	------	49.8	+53 03	8.8	---	dF5	- 16.	3.7	3*	
B 4047	142531	51.1	+55 58	5.9	.055	gG8	- 29.4	2.5	4*	- 28.6 D
G 21348	142357	51.3	+16 13	6.1	.037	dF2	- 2.3	0.3	3	+ 3.v VS
B 4043	142378	15 52.1	-19 14	5.9	.033	B5n	- 6.	var	4*	
A 9842A	142661	53.3	- 2 01	7.0	.120	dF7	- 38.5	0.6	8	
A 9842B	------	53.3	- 2 01	8.1	---	dG8	- 40.6	1.5	4	
B 4051	142640	53.4	-14 15	6.4	.086	dF5	- 7.	var	4*	
B 4057	142908	54.0	+38 05	5.5	.082	dFo	- 13.7	1.9	4	- 11.1 M

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′		″		km	km		
B 4059	142983	15 55.4	-14 08	4.7	0.030	A2pe	- 27.	var	12*	- 12.1 M
17° 4461	143016	55.5	-17 38	8.7	.315	dG1	+ 16.0	2.3	4	
C 2141	143665	57.2	+65 32	9.1	.25:	dG8	- 8.	var	4*	
δ Sco	143275	57.4	-22 29	2.5	.032	B1n	- 2.1	1.4	3*	- 16.v M
G 21499	143584	57.6	+50 01	5.9	.061	dA8	+ 2.1	1.7	3	+ 4.0 V
30° 2735	143586	15 58.2	+29 47	8.6	.013	gG8	- 20.7	1.1	4	
30° 2736	143585	58.2	+30 15	8.7	.020	gG5	+ 3.3	1.3	5	
G 21515	144061	58.6	+71 02	7.4	.261	dG2	- 9.7	1.3	3	
30° 2742	144044	16 00.8	+30 18	8.7	.022	gK1	+ 3.1	1.2	5	
B 4085	144204	00.8	+53 03	6.2	.041	gK5	- 6.3	0.5	6r	
29° 2758	144063	16 00.9	+29 05	8.7	.031	gG4	- 6.3	2.5	4*	
A 9913C	144218	02.5	-19 40	5.1	.034	B3	- 6.4	1.7	9r*	- 1.0 L
G 21618	------	03.1	+68 40	9.6	.287	dG8	+ 27.7	2.0	3	
G 21623	144579	03.2	+39 17	6.8	.573	dG8	- 59.2	0.6	11r	- 60.8 V
B 4093	144470	03.9	-20 32	4.1	.031	B2	+ 2.1	2.9	6*	- 6.4 M
G 21674	------	16 05.0	+66 55	9.8	.243	dGo	- 77.	3.4	3r	
A 9930A	144999	05.6	+29 08	7.7	.028	cFo	- 23.7	1.4	4	
B 4099	144937	05.7	+10 13	6.7	.046	A4n	- 22.3	2.7	4	
G 21706	145050	06.2	+ 8 45	6.7	.047	gM4.5	+ 52.9	2.1	4	
τ CrB	145328	07.1	+36 37	4.9	.328	sgK1	- 20.1	0.4	3	- 18.4 LBV
φ Her	145389	16 07.2	+45 04	4.3	.041	Ao	- 14.3	1.6	3	- 15.7 LYV
G 21781	145991	09.3	+65 58	9.3	.268	dKo	- 30.0	2.7	4*	
G 21792	145802	09.8	+33 28	6.4	.010	gK2	+ 2.0	1.7	3	- 1.5 V
G 21794	145730	09.8	+12 02	8.4	.065	dA5	+ 1.7	1.7	3	
Σ 2017pr	145743	09.8	+14 41	8.7	.044	gG9	- 46.8	1.3	4	
G 21802	145931	16 10.1	+42 30	6.0	.023	gK5	- 19.7	1.0	4	- 21.2 D
G 21811	145976	10.7	+26 48	6.4	.055	dF2	- 5.9	0.3	2	- 9.0 D
δ Oph	146051	11.7	- 3 34	3.0	.156	gMo	- 19.4	0.6	8r	- 19.8 M
B 4151	146926	12.2	+76 00	5.5	.010	B9n	- 1.1	2.5	7	- 0.8 M
75° 585	------	12.6	+74 47	8.4	.025	gM5	- 30.1	0.7	4	
B 4137	146233	16 12.9	- 8 14	5.6	.556	dG1	+ 10.1	0.6	5r	
G 21867	146254	13.0	-14 44	6.1	.012	Aon	- 8.3	2.9	5	
B 4141	146452	13.6	+11 33	7.5	.059	gG7	- 25.4	2.0	4	
B 4142	146605	14.2	+23 15	6.6	.026	gG8	+ 12.4	1.5	6	+ 15.0 V
G 21895	146514	14.3	- 3 50	6.1	.037	dA6n	- 6.4	1.6	3	- 11.3 S
14° 4389	146543	16 14.5	-15 12	7.4	---	dA8n	+ 6.	var	5*	
G 21907	147231	15.2	+71 03	7.8	.299	dG5	- 17.0	0.6	3	
G 21958	147009	17.1	-19 56	8.8	.030	B9n	- 4.	var	3*	
G 21960	147010	17.2	-19 56	7.2	.025	A1	- 8.8	2.2	3	
G 21976	147266	17.9	+21 15	6.1	.057	dG7	- 24.6	1.3	3	- 23.9 S
B 4161	147365	16 18.2	+39 50	5.5	.127	dF2	- 28.0	2.6	4	- 30.7 V
C 2189	147676	18.3	+67 23	9.3	.117	dGo	+ 7.6	1.1	3	
G 21995	147395	18.5	+37 06	6.8	.038	gM2	- 15.	var	4*	
24° 12671	147284	18.9	-24 52	9.1	.296	dG3	- 23.0	2.1	4	
A 10030A	147735	20.8	+13 57	7.6	.037	dF2	- 42.	var	4*	
A 10030B	------	16 20.8	+13 57	9.9	---	dG2	- 43.1	2.3	3	
B 4176	147835	21.0	+32 27	6.2	.020	A1	+ 4.6	0.9	3*	- 7.3 V
G 22055	147776	21.5	-13 31	8.6	.320	dK2	+ 10.2	1.3	3	
B 4186	148293	21.9	+69 14	5.4	.023	gK2	- 8.6	1.0	6	- 7.8 M
B 4184	148283	23.6	+37 30	5.5	.017	Ao	+ 2.8	2.3	5	- 2.4 M
χ Oph	148184	16 24.1	-18 21	4.8	.034	B3e	- 1.8	2.6	7*	- 8.1 M
G 22125	148296	24.4	+11 06	7.0	.046	gM3.5	- 29.8	1.8	3	
α Sco	148478	26.3	-26 19	1.2	.029	cM1	- 3.6	0.4	11	- 3.2v C
A 10074B	------	26.3	-26 19	6.8	---	B4p	+ 1.8	2.0	4*	
A 10077A	148683	27.0	+10 42	7.7	.021	gG4	- 14.9	2.1	4	
A 10077B	------	16 27.0	+10 42	9.2	---	dF2	- 6.4	2.2	4	
B 4213	149212	28.1	+68 53	5.0	.041	B9	- 5.9	2.9	7	- 9.1 M
G 22199	149198	28.2	+67 09	6.7	.037	gM3	- 80.0	2.0	4	
G 22210	149222	28.7	+64 54	7.8	.204	dG2	- 34.0	1.1	3	
G 22216	149009	29.1	+22 18	6.0	.015	gK5	- 25.	var	4*	- 22.9 D
B 4211	149141	16 29.6	+33 27	6.7	.040	A2n	- 18.	4.6	4*	- 43. V
A 10113A	149394	31.3	+31 01	7.5	.010	dF2	- 12.9	1.6	3	.
τ Sco	149438	32.8	-28 07	2.9	.030	Bo	- 1.3	1.5	4*	+ 0.6 M
G 22306	------	33.0	+ 8 55	8.9	.256	dG2	+ 11.6	0.3	3	
G 22337	150706	34.5	+79 54	7.0	.118	dG3	- 14.1	2.9	4*	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′		″		km	km		
G 22343	149956	16 34.7	+36 08	7.4	0.041	gM3	- 51.5	1.9	3	
G 22369	150102	35.8	+27 09	7.1	.040	gM2.5	+ 1.1	1.5	3	
G 22391	------	36.8	+38 25	9.2	.009	A3n	- 19.1	2.9	3	
A 10140A	150693	36.9	+69 52	7.9	---	dA8	- 0.2	1.4	3	
G 22404	150409	37.2	+48 58	6.7	.026	gM4	- 37.	var	4*	
B 4235	150365	16 38.4	-17 58	6.6	.058	gA6	- 2.8	1.8	3	
B 4241	150453	39.0	-19 50	5.6	.040	dF5	+ 4.4	0.4	3	
66° 969	------	39.1	+65 55	9.3	---	dF9	- 24.	var	4*	
ζ Her	150680	39.4	+31 42	3.0	.608	dGo	- 69.0	1.3	4	- 69.9v L
G 22491	151623	40.7	+79 01	6.4	.040	gG9	- 18.2	0.8	3	- 19.8 D
78° 565	151698	16 41.2	+77 57	8.2	---	gKo	- 59.2	1.7	4	
G 22511	151481	41.5	+72 46	6.9	.008	gM2	- 61.4	1.5	3	
B 4263	151199	42.0	+55 47	6.2	.092	A2p	- 42.	var	5*	- 49.9 V
B 4258	151087	42.0	+34 08	5.9	.087	dA8	- 10.7	1.9	3	- 11.2 V
G 22537	151061	42.6	- 3 00	7.2	.027	gM4.5	- 10.6	1.1	3	- 6. L
A 10194A	151237	16 43.1	+28 27	7.2	.033	gF5	- 48.7	2.5	4*	
G 22564	151388	43.6	+43 18	6.1	.056	gK4	- 16.9	1.7	3*	- 8.6 D
A 10201A	151367	43.8	+30 06	8.7	.063	dF1	+ 7.3	1.9	3	
B 4261	151179	43.8	-25 26	6.6	.022	gG6	+ 2.8	2.6	5*	
45° 2449	------	43.9	+45 43	8.1	.003	gM4	- 26.6	2.0	4	
A 10203A	151428	16 44.0	+35 43	7.3	.062	dF6	- 3.9	0.7	3	
A 10203B	------	44.0	+35 43	9.7	---	dKo	- 2.6	2.7	3	
B 4293	152303	45.3	+77 36	6.0	.212	dF4	+ 8.8	1.1	3	+ 5.5 D
G 22629	151658	46.6	-21 46	7.6	.026	gM2.5	-101.5	2.6	4*	
45° 2453	152030	47.7	+45 16	8.7	.050	dF3	- 6.7	1.8	4	
B 4278	151884	16 48.0	-16 28	7.0	.018	B6n	- 13.	5.	4*	
B 4274	151804	48.1	-41 09	5.9	.005	O9e	- 64.	3.4	3*	- 60.9 L
B 4288	152234	50.5	-41 44	5.3	.016	Bo	- 0.5	0.8	3*	- 8.7 LMd
B 4290	152311	50.5	-20 20	5.9	.061	dG5	- 17.2	1.3	3	
G 22743	153372	50.8	+79 35	6.9	.029	gK1	- 28.2	0.9	3	
B 4301	152601	16 51.9	- 6 04	5.4	.045	gK1	- 14.7	1.3	4	- 18.0 L
74° 690	153752	54.7	+74 24	7.6	---	dFo	- 21.7	1.9	3	
G 22852	153299	54.8	+50 07	6.7	.028	gM2	- 31.2	1.2	3	- 29.6 D
B 4325	153697	56.2	+65 07	7.0	.053	dFo	- 17.5	0.5	3	- 25.0 D
G 22890	------	56.5	+68 06	9.3	.262	dG4	- 16.3	1.6	3	
B 4319	153363	16 57.1	-24 55	5.8	.087	dF2	+ 18.8	1.3	3	
29° 2915	153650	57.6	+29 37	7.8	.015	A1	+ 3.	var	5*	
G 22923	153698	57.9	+27 23	7.3	.040	gM3.5	- 24.2	0.8	3	- 20. L
G 22924	154159	57.9	+71 32	8.0	.224	dGo	- 19.7	0.8	3	
G 22993	154100	17 00.5	+20 48	7.1	.010	gM3	- 12.6	1.5	4	
30° 2925	------	17 00.8	+29 54	8.4	.029	dF2	- 13.6	0.6	4	
B 4434	154090	01.5	-34 03	4.9	.009	cB1e	+ 4.4	1.4	2*	+ 10.2 L
G 23035	154633	02.0	+64 40	6.1	.058	dG5	- 23.3	0.6	3	- 26.1 V
29° 2933	------	02.8	+29 44	8.0	.013	gK5	- 7.	var	4*	
A 10332A	154510	02.8	+28 09	7.2	.014	gKo	- 1.1	1.5	3	
B 4345	154445	17 03.0	- 0 50	5.6	.005	B3	+ 12.	3.3	7	+ 18.4 SV
29° 2935	154651	03.8	+29 42	7.6	.015	Ao	- 10.1	1.5	5	
B 4348	154660	04.3	- 1 35	6.2	.050	A2n	+ 7.	3.7	6	
7° 3303	154694	04.3	+ 6 54	9.8	---	dF4	- 41.3	1.1	3	
G 23095	------	04.5	+ 6 52	9.3	.091	dK2	- 30.7	1.7	3	
G 23097	154734	17 04.5	+ 6 52	9.1	.059	dK3	- 29.9	1.5	3	
B 4356	155078	07.0	-10 28	5.6	.124	dF5	- 3.8	1.1	3	
G 23181	155456	08.6	+24 35	8.3	.313	dKo	- 56.1	1.0	3	
81° 574	156648	09.2	+81 27	8.6	---	dG5	+ 4.4	1.9	3	
A 10394B	------	10.0	+21 17	8.5	.045	sgKo	+ 0.7	1.0	3	
G 23264	156162	17 12.0	+54 12	7.0	.100	dFo	- 18.8	1.5	3	
B 4371	155886	12.3	-26 32	5.3	1.240	dK2	- 1.5	0.6	3	- 0.6 L
α Her	156014	12.4	+14 27	3.5	0.032	gM5	- 32.8	0.9	8	- 32.5 M
G 23290	156558	12.8	+69 22	8.3	.185	dG4	- 55.3	0.5	3	
15° 3141	156144	13.2	+14 57	8.3	.034	gG8	- 16.4	2.4	4*	
G 23309	156284	17 13.6	+23 48	6.1	.032	gK2	- 43.9	0.6	3	- 39.0 D
14° 3213	156342	14.3	+14 44	8.0	---	dG1	- 63.4	0.7	5	
15° 3149	156431	14.8	+15 19	8.3	.020	A4	- 19.	3.1	4*	
14° 3215	156432	14.8	+14 43	8.4	.013	dF7	- 43.	var	4*	
15° 3153	156483	15.0	+15 13	8.3	.015	Ao	- 15.8	1.7	3	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′		″		km	km		
15° 4511	156461	17 15.4	-15 45	7.2	---	sdG3	+ 19.5	1.0	3	
B 4391	156729	16.0	+37 21	4.8	0.068	A2n	- 14.1	1.5	4	- 9.4 M
G 23390	156891	16.7	+38 52	6.0	.074	gG7	- 37.7	1.4	3	- 36.4 D
G 23404	156860	17.2	+ 2 11	6.9	.023	gM5	- 25.6	1.0	3	
G 23406	156802	17.3	- 7 58	8.0	.222	dGo	- 89.3	1.7	4	
G 23413	156966	17 17.4	+27 20	7.1	.035	gM2	+ 59.4	2.0	3	
A 10480AB	156952	18.0	- 7 04	8.8	---	dG4	- 1.6	1.5	3	
G 23438	157089	18.6	+ 1 29	7.0	.310	dGo	-162.5	2.1	5r	
B 4397	156992	18.6	-24 51	6.6	.057	gK1	- 11.5	2.3	3	
G 23466	157257	19.3	+16 47	6.6	.037	gM2	+ 39.2	0.9	2	+ 40.4 D
B 4411	157482	17 20.1	+40 01	5.7	.070	dGo	0.	var	4*	+ 3.v VS
G 23505	157681	20.7	+53 28	6.0	.020	gK5	- 6.0	1.3	4	- 8.2 D
G 23527	157617	21.6	+ 8 54	5.9	.009	gK1	+ 14.7	0.8	3	+ 17.9 D
G 23542	158209	21.9	+73 03	8.3	.222	dKo	- 23.	var	4*	
G 23572	------	22.7	+32 18	8.8	.035	gK5	- 3.7	1.7	3	
G 23573	------	17 22.8	+32 20	9.1	.002	gM3.5	- 2.3	1.3	3	
G 23583	------	23.1	+19 58	8.5	.016	gM3	- 40.6	1.5	3	
G 23599	158996	23.4	+80 11	5.9	.016	gK5	- 5.5	1.0	3	- 5.9 D
G 23608	157967	23.7	+16 58	6.3	.011	gM4.5	- 12.8	0.1	2	- 6.5 D
G 23623	158537	24.0	+71 55	7.0	.026	gM4.5	- 21.4	0.8	3	
A 10553B	------	17 24.3	+29 30	9.1	---	gK1	- 28.0	2.0	2	
A 10561AB	158122	25.3	-20 55	8.0	---	dF5	- 10.5	1.7	3	
G 23655	158228	25.3	+ 8 29	6.6	.054	gM4	+ 10.2	2.0	3	
B 4430	158414	25.4	+48 18	5.8	.010	A2n	- 0.7	2.9	7*	- 17.8 V
C 2329	158332	25.9	+26 49	8.0	.289	dG8	- 25.0	0.7	3	
β Dra	159181	17 29.3	+52 20	3.0	.019	cG2	- 20.9	0.8	7	- 20.1 M
59° 1823	159266	29.4	+59 44	8.4	.051	gKo	- 15.0	2.4	4*	
G 23805	159354	31.4	+14 53	6.7	.077	gM4.5	+ 30.0	0.3	2	+ 31.2 D
G 23811	159906	31.7	+69 38	7.3	.034	gG7	+ 6.8	0.4	3	
B 4464	159966	32.2	+68 10	5.2	.132	gG9	- 68.3	1.1	4	- 73.9 L
B 4450	159433	17 33.1	-38 36	4.3	.205	gKo	- 48.	3.3	3	- 48.8 M
G 23872	159968	34.4	+27 36	6.6	.079	gM4	- 35.7	2.0	3	
G 23929	160346	36.8	+ 3 35	6.6	.208	dK3	+ 19.6	1.9	4	
G 23939	160933	37.1	+69 36	6.5	.218	dGo	- 54.1	0.7	3	- 53.3 D
G 23953	160471	37.6	- 2 08	6.4	.033	gM4	- 48.2	2.5	4*	
ι Her	160762	17 38.0	+46 02	3.8	.007	cB3	- 21.7	1.1	4*	- 20.0 MV
G 23967	160677	38.1	+31 14	6.3	.020	gM2	- 7.0	2.2	2	- 8.9 D
G 23968	161178	38.1	+72 29	6.0	.026	gG8	+ 7.6	1.2	3	+ 9.0 D
G 23980	160529	38.7	-33 29	6.7	.009	cA4e	- 34.	3.1	4*	
A 10715B	------	39.0	+24 32	8.5	---	dFon	- 28.8	2.4	4	
G 23991	160781	17 39.1	+ 6 20	6.0	.016	gG7	- 28.2	0.8	3	- 31.2 D
G 23996	------	39.3	+71 21	9.2	.345	dMo	+ 2.1	1.8	3	
B 4484	161016	39.6	+41 41	7.0	.019	A2n	- 36.	var	7*	- 42.2 V
G 24025	161193	40.2	+51 50	6.1	.037	gKo	- 9.2	1.5	3	- 7.0 D
+0° 3763	161201	41.6	+ 0 23	8.1	.011	dF4	- 34.1	1.1	4	
A 10748A	161262	17 41.9	+ 2 59	8.6	.018	gKo	+ 12.4	0.8	3	
C 2367	161897	42.1	+72 26	8.4	.324	dG6	- 16.5	1.2	3	
-0° 3352	161304	42.3	- 0 06	8.5	.008	B9n	- 11.	3.6	6*	
B 4494	161693	42.9	+53 49	5.7	.028	B9n	- 0.4	2.2	6r	- 8.0 V
A 10765A	161550	43.0	+31 09	8.0	.022	dF5	- 37.3	0.9	3	
A 10765B	------	17 43.0	+31 09	8.5	---	dF6	- 37.1	0.2	2	
A 10775A	161589	43.8	- 4 27	9.3	---	dG2	- 14.3	1.5	3	
C 2370	------	44.0	+67 19	9.2	.30:	dG2	- 78.6	1.2	3r	
A 10777A	161865	44.0	+51 58	8.6	.012	gG5	- 48.8	1.7	4	
A 10781A	161623	44.1	- 1 12	8.2	.003	dGo	+ 15.4	0.8	3	
A 10781B	------	17 44.1	- 1 12	9.1	---	dG5	+ 15.8	0.3	2	
C 2368	------	45.7	+27 49	9.8	.25:	dG2	- 56.0	1.8	3	
2° 4458	161961	46.0	- 2 10	8.2	---	09	- 6.0	2.0	2*	- 13.0 L
G 24180	163240	46.1	+80 18	7.1	.018	gM2.5	- 27.7	2.0	3	
G 24183	162159	46.2	+36 34	6.7	.030	gM3	- 14.3	0.6	3	
B 4503	161912	17 46.7	-40 05	4.9	.011	cA3	- 15.8	1.4	2	- 18.0 L
44° 2777	162751	49.0	+44 30	7.7	.027	A3	- 0.7	2.4	5	
78° 612	163859	49.8	+78 25	8.2	---	dG2	- 46.6	0.2	3	
B 4516	162917	50.8	+ 6 07	5.8	.144	dF4	- 35.5	2.7	4	- 31.7 V
G 24331	163077	51.3	+25 00	8.1	.111	sgG6	+ 6.3	1.9	3	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
B 4522	163217	17 51.7	+40 01	5.1	0.048	gK4	- 36.1	2.1	3	- 34.7 M
G 24347	162978	51.8	-24 53	6.1	.010	Bon	- 11.	4.6	5*	
B 4521	163245	53.0	-18 48	6.4	.027	A2n	+ 4.	3.8	5	
G 24379	163608	53.3	+45 13	8.0	.013	A2n	- 25.6	1.9	5r	
B 4528	163506	53.4	+26 03	5.5	.004	cF5	- 32.2	1.4	6	- 29.4 L
B 4526	163428	17 54.1	-23 56	6.8	.008	cM1	- 12.	var	6*	
G 24439	163947	55.6	+33 48	8.7	.020	gM5	- 29.4	1.3	3	
33° 2997	163992	55.6	+33 50	7.9	.011	gKo	- 24.8	1.7	3	
G 24441	164446	55.6	+69 37	7.0	.026	gG8	- 7.4	1.4	4	
13° 4807	163810	55.9	-13 05	9.5	.825	dGo	+187.2	1.0	3	+198. Md
G 24454	163799	17 55.9	-22 33	8.6	.339	dF6	- 16.6	2.4	4	
4° 3562	------	56.0	+ 4 28	9.8	.062	dK5	- 11.6	1.1	3	
G 24464	163972	56.1	+14 37	8.4	.013	gK1	- 17.2	1.4	3	
G 24487	164064	57.0	- 4 49	6.0	.098	gK5	- 31.2	0.7	3	
G 24488	164280	57.0	+36 17	6.0	.060	gG5	+ 10.9	0.7	3	+ 10.5 D
G 24489	164394	17 57.0	+52 13	7.7	.029	A4	- 1.0	1.7	3	
B 4548	164353	58.1	+ 2 56	3.9	.011	cB7	- 4.6	0.8	5*	
G 24515	164432	58.4	+ 6 16	6.2	.006	B3	- 11.2	1.9	2*	- 24.v VS
B 4552	164577	59.2	+ 1 18	4.4	.018	B9	+ 17.1	2.1	7	- 6.v YLV
A 10991A	164492	59.4	-23 02	6.9	.005	O7	- 1.	var	7*	+ 8.v V
A 10991C	------	17 59.4	-23 02	9.4	.028	B2	- 2.	var	3*	
22° 4510	164514	59.4	-22 54	7.3	---	cA5	- 1.6	2.0	3	
A 10993B	164668	59.4	+21 36	5.2	.028	gG3	- 32.2	0.5	6	- 30.6 LV
B 4562	164852	18 00.2	+20 50	5.1	.014	B4	- 14.0	1.3	6	- 15.1 YV
τ Oph	164764	00.4	- 8 11	4.9	.048	dF3	- 41.4	0.5	3	- 39.3 LV
G 24573	164924	18 00.8	+15 00	8.0	.014	gM4	- 29.2	0.8	3	
G 24589	165042	01.2	+19 33	7.2	.014	gM4	- 20.0	0.2	2	- 23. L
A 11016A	165522	01.3	+65 57	7.6	.037	gF5	- 20.9	1.3	3	
A 11016B	------	01.3	+65 57	9.2	---	dF6	- 22.5	1.5	3	
G 24637	165374	02.8	+16 55	7.2	.037	gM3	- 11.	var	4*	- 17.v L
A 11045A	165569	18 02.9	+21 26	8.2	---	dF8	- 8.	3.6	5*	
A 11046A	165341	02.9	+ 2 31	4.3	1.127	dK1	- 5.6	1.3	7	- 7.2v L
A 11046B	------	02.9	+ 2 31	6.0	---	dK6	- 14.9	1.0	9	- 6.5 LV
C 2393	165504	03.0	+33 16	7.6	0.191	dG2	- 7.7	1.3	3	
B 4603	166866	03.9	+80 00	5.8	.127	dF6	+ 11.4	1.4	6	+ 8.8v LV
G 24676	165626	18 04.1	+15 34	8.2	.222	dGo	+ 5.7	0.8	3	
B 4576	165516	04.2	-21 27	6.2	.011	Bo	- 5.2	1.0	4r*	- 13.9 L
49° 2728	166011	04.8	+49 27	7.7	.020	gA8n	- 14.9	1.3	3	
G 24699	165848	05.1	+15 55	6.8	.149	gK1	+ 18.0	0.5	3	
C 2402	166356	05.4	+65 04	7.4	.120	dG3	- 2.3	1.5	3	
G 24713	165784	18 05.6	-21 28	6.6	.017	cA2	- 15.5	2.3	5*	
B 4589	166208	06.0	+43 27	5.1	.064	gG9	- 17.6	1.2	3	- 15.5 M
G 24733	166253	06.3	+41 43	7.7	.050	gM3.5	- 16.3	1.9	4	
B 4590	166182	06.6	+20 48	4.3	.012	B2	- 15.8	1.3	3*	- 13.7 M
B 4594	166233	07.1	+ 3 59	5.7	.036	dFo	- 21.	3.3	6*	- 14.6 V
G 24793	166821	18 08.6	+48 23	8.0	.067	dF8	+ 7.8	0.8	3	
C 2407	167605	10.4	+69 39	9.1	.15:	dKo	- 7.7	1.5	3	
G 24852	------	10.7	+31 34	8.3	.008	gM1	- 15.4	1.1	3	
G 24855	167106	10.8	+22 49	7.1	.023	gM2	+ 17.2	1.7	3	
66° 1087	167779	11.8	+66 06	7.3	---	gG5	- 14.4	0.2	3	
G 24885	167278	18 12.0	+ 0 10	7.9	.030	dF5	- 8.1	1.2	3	
15° 4889	167246	12.1	-15 24	7.3	---	gK1	- 17.0	1.6	4	
G 24900	167356	12.6	-18 41	6.1	.013	cAo	- 1.0	2.1	4	
G 24914	167654	13.6	+ 2 22	6.3	.019	gM4	+ 22.8	2.5	2	+ 23.0 D
G 24955	167838	14.8	-15 27	6.6	.016	B4	- 3.4	1.7	5	- 6.6 L
A 11240AB	168021	18 15.8	-18 38	6.7	.011	Bo	+ 16.	var	4*	- 8.2 L
A 11240C	------	15.8	-18 38	8.0	.012	B2	+ 25.9	2.1	3*	
A 11257B	------	17.1	- 5 00	9.2	---	dG4	- 12.9	0.9	3	
B 4646	169027	17.3	+68 43	6.7	.096	Ao	- 25.5	0.7	3	
G 25009	168499	17.3	+10 15	8.2	.229	dG2	- 10.0	0.9	3	
G 25025	168694	18 17.9	+29 39	6.1	.007	gK4	- 36.0	0.5	3	- 34.8 D
G 25052	168701	18.9	-16 21	7.9	.013	gKo	+ 22.3	1.8	5*	
A 11282A	168815	19.4	-15 07	7.4	.025	cK5	- 28.1	0.9	3	
A 11282B	------	19.4	-15 07	8.0	---	gF5	- 25.8	0.5	2	
G 25071	169508	19.8	+67 25	7.1	.031	gM3	- 22.2	1.9	3	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
A 11292A	------	18 19.9	+11 24	9.4	0.061	gKo	- 15.5	1.8	3	
G 25131	169493	22.4	- 1 36	6.1	.023	dF2n	- 10.8	2.7	3	- 11.1 S
B 4655	169420	22.4	-20 34	5.0	.030	gK1	- 12.1	2.1	3	- 11.7 M
A 11353B	------	24.6	+ 0 10	7.8	---	A2	- 22.2	1.7	4	
G 25194	170137	25.4	+ 3 43	6.1	.011	gK3	- 20.4	0.2	2	- 17.7 D
G 25225	171299	18 26.6	+77 32	7.8	.048	dG8	- 6.4	1.5	3	
43° 2984	170594	26.7	+43 53	7.8	.007	A3	+ 2.7	2.1	3	
C 2425	170493	27.3	- 1 51	8.2	.252	dK5	- 52.8	0.7	3	
C 2433	171314	31.2	+22 17	9.3	.48:	dM1	+ 37.0	1.2	3	
G 25364	174878	31.8	+86 38	6.8	.030	gM3	- 35.8	1.8	3	
34° 3238	171568	18 32.3	+34 24	7.4	.046	gG8	+ 3.1	1.8	4	
C 2438	171620	32.3	+34 22	7.8	.268	dF7	- 32.8	1.1	3	
G 25382	171394	32.4	-19 19	7.2	.022	gM5	- 23.8	0.6	3	
G 25394	234677	32.8	+51 41	8.3	.365	dM1	- 23.0	1.5	3	- 39. Md
G 25404	171911	33.4	+51 44	6.7	.061	gM4	- 86.0	1.2	3	
A 11483A	171746	18 33.6	+16 56	6.8	.085	dGo	+ 9.1	0.9	4r	
B 4713	171834	34.2	+ 6 38	5.4	.146	dF2	- 26.6	2.9	6	- 30.1 V
B 4716	171893	35.0	-17 17	6.8	.001	dF2	- 5.2	2.0	4	
α Lyr	172167	35.2	+38 44	0.1	.345	A1	- 13.3	0.8	9	- 13.8 M
B 4720	172051	35.9	-21 06	5.9	.174	dG4	+ 35.1	0.1	3	
G 25498	172669	18 36.4	+66 52	7.6	.120	dG2	- 5.8	1.5	3	
G 25501	------	36.4	+20 35	9.2	.219	dG2	+ 28.5	1.1	3	
G 25503	172393	36.5	+42 37	8.7	.293	dKo	+ 32.5	0.9	3	
+0° 3989	172327	37.1	+ 0 07	8.2	.010	gKo	- 12.2	1.1	3	
G 25524	172348	37.3	- 7 50	6.1	.034	gK4	- 22.9	1.0	3	
B 4729	172711	18 37.6	+55 12	7.6	.062	dF5	- 13.3	1.9	3	
G 25551	173084	38.4	+67 05	8.5	.235	dG1	- 43.0	0.7	3	
B 4726	172546	38.8	-23 53	6.1	.040	dFo	+ 0.4	2.0	4r	
+0° 3993	172651	38.9	+ 0 32	7.8	.031	gK3	+ 13.1	2.1	4	
+0° 3995	172829	39.8	+ 0 07	9.1	.034	gK5	+ 18.9	1.9	4	
G 25603	173398	18 40.5	+62 42	6.0	.060	gKo	- 24.6	0.7	3	- 25.7 D
-0° 3540	173160	41.3	- 0 16	7.9	.028	Ao	- 24.	var	4*	
B 4742	173417	42.0	+31 53	5.5	.139	dFo	- 2.3	1.7	5	- 3.7 V
G 25654	173371	42.4	- 0 25	6.8	.015	B8n	- 18.2	1.7	4	
G 25677	173425	43.1	-19 40	6.6	.005	gM4.5	- 39.0	2.0	4	
-0° 3546	173514	18 43.2	- 0 19	8.3	.039	B9n	- 12.4	1.9	4	
B 4753	173667	43.5	+20 30	4.3	.338	dF5	+ 20.6	1.1	3	+ 23.6 M
G 25725	174156	44.3	+64 45	7.3	.105	gKo	+ 46.6	1.1	3	
B 4761	173880	44.8	+18 07	4.4	.129	A4	- 39.4	1.6	3	- 45.7 LYV
A 11685A	174022	45.3	+31 21	7.2	.012	gG5	- 21.9	1.2	3	
Anon.	------	18 45.9	+35 56	11.5	---	dKo	-178.8	1.9	3*	
+0° 4023	174066	46.2	+ 0 28	8.5	.018	gK1	+ 35.2	1.4	3	
B 4764	174116	46.7	-20 23	5.4	.034	gK4	- 15.4	2.1	4	- 18.6 M
10° 4819	174142	46.9	-10 26	7.9	.010	gK2	- 48.0	1.1	11r	
C 2464	174433	47.2	+34 28	8.4	.219	dF6	- 13.0	2.0	3	
45° 2779	174600	18 47.7	+45 15	8.6	.028	gK3	+ 12.8	0.4	3	
B 4767	174309	47.8	-22 13	6.2	.049	gA8n	- 35.9	1.5	3	
G 25844	174403	48.2	-20 22	7.6	.026	B9n	+ 12.	var	4*	
G 25846	174464	48.2	- 9 50	5.9	.006	gF2	- 18.8	2.1	4	
C 2469	175305	48.4	+74 40	7.3	.331	dF9	-181.2	2.9	4r	
G 25853	174512	18 48.4	- 6 20	8.0	.006	cA3	+ 28.	var	11*	
G 25885	174912	49.7	+38 34	7.2	.322	dF8	- 13.9	0.9	3	
44° 3003	175055	50.0	+45 04	7.2	.008	B9	- 22.	var	5*	
A 11773A	174897	50.0	+14 28	6.5	.040	gKo	+ 11.2	0.5	3	
B 4779	174933	50.1	+21 22	5.3	.016	Ao	- 21.	var	6*	- 19.8v L
G 25911	175018	18 50.9	+ 3 19	8.8	.041	dF3	- 24.7	1.3	3	
G 25926	175404	51.7	+40 56	6.6	.040	gM5	+ 9.6	1.0	3	
G 25942	175443	52.2	+27 51	5.8	.079	gK4	+ 15.7	0.6	3	+ 16.3 D
G 25968	175541	53.2	+ 4 12	8.1	.087	dKo	+ 18.9	1.8	3	
C 2474	175742	53.8	+23 29	8.4	.33:	dK1	- 6.	var	4*	
B 4813	175869	18 54.8	+ 2 28	5.6	.017	B9n	- 10.7	2.6	4	
C 2476	176213	56.0	+23 45	8.6	.12:	dF7	- 19.7	1.9	3	
C 2479	176252	56.4	+23 43	7.4	.12:	sgG6	- 35.1	0.8	3	- 37. V
B 4833	176668	56.8	+62 20	6.4	.041	gG6	- 7.2	1.3	3	- 8.6 V
G 26078	176377	56.9	+30 06	6.6	.206	dGo	- 39.2	0.8	4	- 38.2 D

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 26080	176304	18 56.9	+10 04	6.5	0.023	B4	- 23.	1.1	2*	- 22.5 V
B 4819	176246	57.4	-25 01	6.4	.066	gK1	- 24.0	0.5	3	
G 26118	176386	58.3	-36 58	6.9	.038	B9n	+ 7.3	0.9	3	
B 4842	177003	59.0	+50 28	5.2	.018	B3n	- 20.7	0.6	5r	- 19.0 M
G 26157	176938	59.4	+29 27	6.6	.017	Aln	- 14.3	2.2	3	- 20.6 D
B 4835	176704	18 59.4	-24 55	5.7	.181	gK4	+ 0.3	2.2	4	
B 4848	177249	59.7	+55 35	5.5	.021	gG2	+ 11.8	0.3	2	+ 8.6 V
B 4846	177196	19 00.0	+46 52	5.1	.089	dA5n	+ 5.2	1.8	4	+ 8.8 M
G 26184	176884	00.1	-19 19	6.0	.006	gG6	- 19.7	1.7	3	
30° 3392	------	00.2	+30 22	8.5	.012	gA5	- 5.6	1.8	6	
A 11977A	177279	19 00.8	+31 20	8.2	.001	gA5	- 15.1	2.1	8*	
A 11977B	------	00.8	+31 20	9.3	---	sgG7	- 13.	var	4*	
B 4856	177517	02.8	-15 44	5.9	.009	B9	- 20.	var	4*	- 37.v Y
65° 1319	178326	03.2	+65 30	7.2	---	sgG5	+ 20.9	0.5	3	
A 12040A	178091	04.2	+30 22	8.2	.059	dG5	- 45.6	1.1	3	
B 4865	178175	19 05.3	-19 22	5.4	.008	B3ev	- 20.	var	50*	- 27.8 L
C 2496	178450	05.6	+30 10	8.1	.167	dG6	+ 9.	var	4*	
B 4875	178596	06.6	+ 6 00	5.4	.079	dF2	- 50.9	1.6	5	- 45.4 M
G 26392	178849	06.9	+34 41	6.6	.008	B6	+ 3.1	1.0	3*	- 17.1 V
G 26397	179094	07.2	+52 21	5.9	.121	sgKo	+ 9.	var	5*	var D
G 26412	180427	19 08.2	+79 34	7.9	.088	gKo	- 71.5	1.0	3	
71° 933	179907	08.9	+71 13	9.0	---	dF5	- 27.0	1.3	3	
B 5140	190250	09.4	+88 56	8.4	.143	dG3	- 13.7	2.2	4	
G 26447	179343	09.5	+ 2 32	6.8	.010	B9e	- 10.7	0.5	3*	
B 4884	179497	10.5	-12 22	5.6	.028	gK4	- 17.0	0.2	3	
B 4892	179957	19 10.8	+49 46	6.8	.662	dG5	- 40.6	0.8	4r	
B 4893	179958	10.8	+49 46	6.6	.666	dG3	- 38.1	1.3	4r	
14° 3831	179786	11.1	+14 32	7.8	.031	gM2	+ 35.8	0.6	3	
G 26496	180841	11.3	+76 06	8.2	.174	dF8	- 43.8	1.2	3	
15° 3739	180080	12.2	+15 17	8.3	.011	Ao	- 19.4	1.7	5	
G 26529	180110	19 12.9	-14 56	7.9	.019	B9	- 8.8	1.6	4	
14° 3845	180243	13.0	+15 00	7.8	.021	Ao	- 27.	var	4*	
B 4898	180262	13.0	+15 00	5.7	.014	gG7	- 24.6	1.0	7r	
B 4907	180610	13.0	+57 37	5.3	.073	gK2	- 22.7	1.9	4	- 29.1 V
G 26549	181204	13.5	+73 48	8.1	.035	gM3	- 0.6	2.5	4*	
14° 3849	231014	19 13.5	+15 08	8.1	.027	dG6	+ 4.5	1.5	3	
A 12248B	------	14.2	+14 28	8.9	---	dG2	- 28.6	0.2	2	
15° 3752	231039	14.3	+15 16	8.2	.037	dF4	- 14.8	1.4	3	
B 4900	180416	14.3	-21 10	7.4	.015	gKo	- 3.9	1.2	3	
C 2525	------	15.4	+71 27	9.0	.22:	dK2	+ 7.2	1.5	4	
G 26616	181468	19 15.6	+66 11	8.7	.137	dF9	+ 11.7	0.6	3	
B 4916	180972	16.0	+ 1 00	5.3	.018	gK2	- 23.3	1.5	3	- 24.2 L
15° 3762	181120	16.4	+15 35	7.7	.040	Ao	- 22.	3.1	4	
τ Dra	181984	16.5	+73 16	4.6	.180	gK4	- 25.7	1.0	3	- 30.v M
14° 5387	181058	16.7	-14 15	8.3	---	gG6	+ 34.4	1.5	3	
41° 3306	------	19 17.3	+41 33	8.7	.662	dK1	-123.0	1.9	4r	
A 12322A	181386	17.7	+ 3 57	8.4	.020	gG5	+ 7.5	2.1	4	
A 12322B	------	17.7	+ 3 57	9.0	---	gG8	+ 19.	var	4*	
G 26708	182190	19.4	+57 33	6.1	.022	gM1	- 18.4	0.3	3	- 21.7 D
α Sgr	181869	20.4	-40 43	4.1	.124	B8	- 4.7	1.5	4	+ 4. L
C 2531	182712	19 20.7	+69 49	9.3	.24:	dK1	- 35.4	1.4	3	
71° 949	182951	21.4	+72 00	7.2	---	gKo	- 11.5	1.6	3	
B 4952	182629	23.3	-21 53	5.6	.032	gK3	- 19.6	0.2	3	
26° 3549	------	23.4	+26 14	8.2	.064	gKo	- 63.3	1.5	4	
ν Aql	182835	24.0	+ 0 14	4.9	.004	cFo	- 3.2	1.3	2	- 0.6 M
B 4965	182919	19 24.0	+20 00	5.6	.038	B9n	- 13.1	2.3	7*	- 29.7 V
B 4964	182926	24.8	-18 27	7.3	.020	dF5	- 0.4	1.8	5	
G 26873	183143	25.2	+18 12	6.9	.015	cB8e	+ 12.5	0.9	13*	+ 13.0 V
12° 3913	183145	25.3	+12 23	7.8	.026	gK1	- 0.2	0.9	3	
49° 3009	183255	25.4	+49 21	8.0	.846	dK1	- 65.4	1.8	3	
B 4980	183534	19 26.2	+52 13	5.7	.032	Ao	+ 4.6	2.1	7	+ 0.5 V
12° 3923	183401	26.6	+12 21	7.7	---	gA8n	- 31.8	0.8	6	
α Vul	183439	26.6	+24 34	4.6	.176	gM1	- 85.7	0.8	4r	- 85.6 M
12° 3925	183421	26.7	+12 45	7.2	---	Aop	- 22.3	1.7	6	
C 2537	183536	26.8	+34 30	8.2	.220	dF8	- 50.4	1.8	3	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
12° 3926	183460	19 26.9	+13 04	7.9	---	dFon	- 31.6	1.6	6	
12° 3929	183512	27.2	+12 18	7.7	---	gA5	- 16.6	0.6	6	
G 26923	183650	27.4	+31 31	7.0	0.419	dG5	- 11.3	1.6	3	
12° 3932	183615	27.6	+13 02	7.6	---	gFo	- 35.3	0.6	6	
β Cyg	183912	28.7	+27 51	3.2	.009	gK1p	- 23.6	0.8	5	- 23.9 M
G 26968	184010	19 29.3	+26 31	6.0	.038	sgG8	+ 2.6	0.6	4*	- 5.0 S
B 4994	184293	30.0	+50 12	5.7	.056	gK1	- 8.4	2.4	2	- 9.3 V
G 26996	184467	30.3	+58 29	6.7	.606	dK5	+ 11.6	0.7	9r	
C 2545	184152	30.5	+ 7 19	9.1	.33:	dG6	- 12.8	1.8	4	
71° 956	184824	30.6	+72 10	7.8	---	sgKo	- 26.6	1.1	3	
G 27003	184201	19 30.6	+ 4 55	6.8	.008	gM2.5	+ 1.6	1.5	3	
A 12594B	------	31.1	+20 18	8.9	---	dF2	- 42.6	1.1	3	
G 27016	184279	31.1	+ 3 39	6.8	.016	cB3e	- 15.	3.4	4*	- 2.9 V
27° 3428	184384	31.2	+27 17	8.5	---	gF8	+ 1.7	1.1	3*	
G 27028	184926	31.6	+67 36	8.1	.143	sgG7	- 39.2	1.3	3	
G 27042	184590	19 32.2	+25 15	7.2	.026	gM2	+ 24.0	1.0	2*	+ 15. L
G 27045	184786	32.3	+49 09	6.2	.006	gM4	- 10.2	1.6	3	- 7.8 D
B 4998	184606	32.4	+19 40	4.9	.003	B8n	+ 1.	5.	4	+ 7. M
B 5000	184759	32.9	+29 21	5.4	.025	dF4	- 12.5	1.9	3	- 14.3 M
G 27076	184700	33.2	- 0 21	9.1	.344	dG2	- 22.3	1.0	3	
G 27082	184768	19 33.4	- 0 01	7.9	.406	dG4	- 14.6	1.6	6	
G 27083	184767	33.4	+ 0 08	7.1	.016	A1	- 17.6	0.5	3	
B 5007	185037	34.0	+36 50	5.9	.006	B9n	- 15.2	2.3	7	
B 5011	185264	34.6	+50 08	6.6	.036	gG8	+ 8.3	1.1	3	+ 9.3 D
B 5020	185713	34.9	+71 30	6.7	.131	dF4	+ 16.0	2.1	4	
G 27136	185090	19 35.0	- 0 15	7.4	.035	gA8n	+ 7.0	1.5	3	
G 27154	185799	35.6	+69 42	7.1	.034	gM5	- 10.1	0.4	3	
G 27160	185297	35.8	+ 0 14	7.4	.017	dA5n	+ 2.7	2.5	5	
A 12730A	185855	36.5	+63 43	8.7	.038	gF5	- 34.7	1.6	4	
A 12730B	------	36.5	+63 43	10.2	---	dF2	- 22.7	1.4	4	
G 27195	185622	19 37.2	+16 27	6.6	.006	cK5	- 5.9	0.8	3	- 0.4 D
G 27226	185859	38.3	+20 22	6.4	.026	cBo	+ 4.4	1.7	5*	+ 5.6 V
+0° 4270	185823	38.4	+ 0 35	7.9	.013	gK2	- 2.2	1.9	4	
G 27240	186121	39.1	+42 58	6.4	.009	gM2.5	- 1.8	1.8	2	- 4.2 D
G 27288	186922	40.7	+76 18	8.0	.202	dKo	- 8.2	1.5	3	
G 27294	186532	19 41.0	+55 21	6.5	.043	gM5	- 28.7	1.6	3	- 25.7 D
G 27296	186379	41.0	+24 29	6.8	.283	dF9	- 8.8	0.6	4	
G 27321	186587	42.6	+10 39	7.4	.012	B3	- 1.7	1.9	3	+ 3.4 V
3° 4698	186610	42.9	- 3 17	9.1	---	B3n	+ 27.7	2.5	2*	+ 21.5 L
G 27341	186776	43.1	+40 36	6.4	.074	gM4	- 92.6	1.6	2	- 98.1 D
γ Aql	186791	19 43.9	+10 29	2.8	.012	cK4	0.0	0.8	15	- 2.0 M
G 27356	187053	43.9	+55 44	7.8	.005	gM4	- 5.4	0.7	3	
27° 3507	186884	43.9	+28 12	8.8	.045	Ao	- 10.8	2.1	3	
G 27402	187193	45.7	+25 16	6.0	.081	gKo	- 17.3	0.3	3	- 16.7 S
G 27406	187237	46.0	+27 44	6.8	.224	dG5	- 32.8	0.7	3	- 35.9 D
G 27407	187372	19 46.0	+47 47	6.2	.046	gM1	- 1.6	2.3	4*	+ 7.8 D
B 5061	187532	48.0	-10 54	5.6	.048	dF2n	+ 5.6	2.3	3	
B 5065	187691	48.6	+10 17	5.2	.275	dF8	- 0.4	0.5	13r	- 0.5 M
G 27498	187880	49.0	+37 42	6.3	.020	gM3	- 16.8	2.0	2	- 14.2 D
B 5066	187739	49.3	-19 10	6.0	.058	gG5	- 26.	var	4*	
A 13038A	187981	19 49.7	+31 01	6.9	.024	gA8n	+ 6.	var	3*	+ 7. DV
B 5073	188001	50.1	+18 33	6.3	.009	07	- 1.1	1.9	10r*	+ 11.1 M
G 27552	188268	51.7	+ 1 49	8.5	.283	dKo	+ 11.7	1.7	3	
G 27560	188311	51.9	+ 1 49	8.8	.272	dK1	+ 9.3	1.5	3	
45° 3001	188537	52.2	+45 20	7.8	.007	gG9	- 17.8	0.6	3	
B 5092	188485	19 52.4	+24 11	5.5	.020	A1n	- 9.	5.	6	- 8. M
C 2597	188427	52.6	+ 3 55	9.5	.39:	dK3	+ 50.2	2.1	4	
G 27579	188442	52.6	+ 3 52	8.7	.111	dG8	+ 1.3	0.8	3	
A 13125A	188753	53.3	+41 44	7.4	.306	dKo	- 20.4	0.8	3	
G 27608	188875	53.9	+40 02	6.7	.017	gK5	- 17.0	1.8	3	
G 27628	189344	19 54.7	+66 37	7.2	.039	gKo	+ 0.8	1.5	3	
A 13156AB	188914	54.8	+ 5 05	8.6	---	dF8	- 11.6	2.2	4	
C 2605	189087	55.2	+29 40	8.2	.26:	dG7	- 29.2	1.1	3	
B 5121	189377	56.2	+42 07	6.5	.006	Ao	- 5.	var	3*	- 7. DV
A 13196A	189378	56.6	+33 08	7.5	.072	dF2	- 22.4	0.5	3	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′		″		km	km		
B 5130	189775	19 57.9	+51 55	6.0	0.011	B5n	- 17.8	1.5	5	- 15.1 V
B 5124	189561	58.4	-22 53	6.1	.017	dG7	+ 8.7	0.5	3	
G 27739	189695	58.6	+ 8 25	6.1	.009	gK5	- 40.5	0.9	3	- 36.8 D
29° 3844	189779	58.6	+29 46	8.2	.011	B2	- 5.0	2.1	3*	
A 13256B	------	59.1	+10 37	7.8	---	dF6	- 39.3	1.6	2	
G 27776	190066	20 00.2	+22 01	6.6	.001	cBo	+ 14.9	0.2	2*	+ 16.1 V
G 27782	190007	00.3	+ 3 11	7.8	.147	dK4	- 30.8	1.3	3	
5° 4393	190073	00.6	+ 5 36	7.9	---	Ape	- 0.7	0.1	7*	
B 5135	190009	00.8	-22 44	6.5	.048	dF6	+ 6.0	2.4	4	
29° 3871	------	01.4	+29 49	8.5	.011	gK4	- 8.7	0.3	3	
29° 3875	------	20 01.8	+29 56	8.5	.005	dA8n	- 13.	3.6	4*	
A 13323A	------	01.9	+16 51	8.7	.016	gF2	+ 5.9	0.9	3	
A 13323B	------	01.9	+16 51	9.4	---	dA8n	- 4.8	1.3	3	
36° 3841	190467	01.9	+36 16	8.0	.012	cB4	+ 29.	var	6*	
B 5141	190283	02.0	-21 27	7.1	.056	dG4	- 20.7	2.1	3	
G 27849	190513	20 02.2	+30 24	8.2	.011	gFo	- 18.0	2.1	4	
B 5145	190390	02.3	-11 45	6.5	.014	gF4	- 12.6	1.0	3	
36° 3848	190570	02.4	+37 02	8.1	.001	Ao	- 6.7	1.7	6	
B 5150	190603	02.6	+32 05	5.7	.021	cBoe	+ 18.8	2.2	13r*	+ 18.0 M
C 2625	190605	02.8	+25 55	7.8	.40:	dG5	+ 23.3	1.9	3	
54° 2281	190780	20 02.9	+54 20	8.0	.154	dKo	- 8.5	0.5	3	
G 27872	190658	03.1	+15 21	6.6	.032	gM2.5	-110.9	1.1	2	-110.v D
35° 3949	190864	03.8	+35 27	8.2	.016	06	- 4.0	1.9	5*	+ 3. V
B 5161	191096	04.2	+56 12	6.2	.078	gF4	- 12.6	1.3	3	- 12.2 D
G 27926	191633	05.3	+72 51	8.1	.220	dGo	- 36.2	1.8	3	
37° 3772	191176	20 05.4	+37 35	8.2	.02:	Ao	- 1.3	1.3	6	
16° 5509	191069	05.7	-15 52	8.2	.44:	dG4	- 1.0	2.0	3	
G 27940	191178	05.8	+16 31	6.7	.004	gM3	+ 10.4	1.3	3	+ 13.4 D
B 5164	191250	06.6	-20 44	7.3	.080	dF2	- 7.3	1.5	3	
B 5167	191571	07.7	+20 45	7.3	.009	gK2	- 4.4	0.9	34r	
36° 3916	191720	20 08.2	+36 50	8.0	.02:	Aon	- 14.8	1.7	6	
G 28008	191707	08.7	+ 6 12	7.8	.013	gM4	+ 15.7	2.5	4*	
B 5172	191709	08.8	- 0 17	7.1	.033	gF3	- 19.6	1.8	3	
14° 4223	192126	10.5	+15 18	8.5	.012	gKo	- 3.1	0.1	3	
15° 5584	192031	10.6	-15 30	8.6	.26:	dG8	+ 23.1	1.9	3	
G 28070	192575	20 10.7	+68 07	6.8	.013	B2	- 35.9	0.1	2*	- 38.1 V
36° 3937	192382	11.4	+36 35	8.7	.01:	A3	+ 15.	var	6*	
B 5182	192425	12.0	+15 03	5.0	.075	A2n	- 16.9	2.7	3	- 24.5 M
66° 1276	192800	12.2	+66 19	7.9	---	gKo	- 50.	var	4*	
14° 4240	192686	13.2	+15 17	8.5	.021	Aop	- 13.1	1.8	4	
31° 4013	------	20 14.0	+32 12	9.1	---	dF7	- 17.4	2.0	4	
15° 5606	192700	14.0	-15 20	7.8	---	gK2	- 20.8	2.0	3	
A 13611AB	192911	14.0	+43 30	8.1	.018	dFo	- 9.1	1.5	3	
A 13611C	------	14.0	+43 30	10.0	---	dF5	- 4.7	1.9	3	
G 28188	192954	14.9	+15 43	7.3	.020	cAoe	+ 20.3	2.2	5	
74° 854	193591	20 15.0	+75 15	8.5	.032	gM3	- 16.8	1.0	4	
G 28207	193216	15.5	+50 08	8.2	.304	dG7	- 33.	var	4*	
15° 4124	193097	15.7	+15 51	8.6	.017	gK5	+ 32.7	1.1	3	
G 28225	193102	16.2	-14 27	7.4	.033	gKo	- 47.3	1.4	3	
B 5206	193150	16.5	-19 17	5.5	.008	gK4	- 10.6	1.9	9	- 10.2 M
G 28243	193347	20 16.8	+26 50	6.7	.025	gM1.5	- 35.5	0.6	3	
G 28257	193373	17.1	+13 04	6.5	.036	gM1	+ 22.2	1.9	3	+ 25.9 D
B 5212	193353	17.3	- 0 48	7.4	.012	gK1	+ 4.6	1.5	3	
G 28292	193579	18.1	+17 38	6.0	.038	gK5	- 33.6	0.8	3	- 30.0 D
G 28303	193793	18.8	+43 42	6.8	.012	05	- 10.	8.	3*	+ 2. M
γ Cyg	194093	20 20.4	+40 06	2.3	.001	cF7	- 6.3	0.3	12r	- 7.6 M
B 5230	194152	20.4	+45 38	5.9	.048	gKo	- 28.4	1.3	3	- 24.v M
G 28340	194298	20.5	+63 49	5.9	.025	gK5	+ 30.4	1.2	3	+ 31.9 D
3° 4888	194454	23.1	- 3 11	6.1	.159	gK1	+ 24.0	1.2	3	
74° 859	195121	23.4	+75 17	8.9	.073	gKo	+ 1.0	1.1	4	
75° 739	195191	20 23.8	+75 53	8.0	.006	gK3	+ 10.4	2.5	4*	
9° 4529	194598	23.8	+ 9 18	8.5	.57:	dF5	-246.8	1.1	3	
ρ Cap	194943	26.0	-17 59	5.0	.028	dFo	+ 14.6	1.6	5	+ 19.5 L
B 5254	195135	27.0	- 3 03	5.1	.068	gK3	- 20.8	1.6	4	- 23.8 M
B 5261	195527	27.0	+68 36	7.2	.014	gG5	+ 8.4	2.4	4*	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 28546	195592	20 28.9	+44 09	7.2	0.016	cBo	- 40.0	1.8	2*	- 24. V
B 5273	195838	31.4	-13 54	6.2	.101	dF8	- 43.2	0.4	3	
B 5308	196787	31.5	+81 15	5.6	.033	gKo	- 6.8	1.6	4	- 3.9 D
B 5279	196093	32.0	+35 05	4.8	.007	cK4	- 3.0	1.9	6	- 4.4 L
G 28720	196610	35.6	+18 06	6.3	.099	gM6	- 67.0	0.9	4	- 63.3 D
G 28745	196753	20 36.4	+23 30	6.1	.012	cKo	+ 11.	var	5*	- 1. V
G 28760	196850	36.8	+38 28	6.8	.264	dG2	- 21.1	1.1	3	
G 28765	196794	36.9	+ 9 53	8.9	.310	dK1	- 52.4	0.5	3	
G 28797	196857	37.7	-16 18	5.9	.101	gG7	- 3.2	0.5	3	
B 5314	197039	38.2	+15 28	6.8	.096	dF6	- 31.0	0.9	4r	
A 14152A	197042	20 38.6	- 1 16	8.7	.010	gK1	- 6.7	1.8	3	
A 14158A	197177	39.0	+32 08	6.0	.015	cK2	- 28.2	0.4	5r	
A 14158B	197178	39.0	+32 08	8.1	---	A1	- 31.	var	3*	
G 28859	------	40.3	+15 57	8.9	.006	gMo	- 29.9	1.6	4	
G 28861	197419	40.4	+35 17	6.5	.025	B3	- 7.2	1.8	6	- 6.2 V
45° 3245	197488	20 40.7	+45 38	7.6	.191	dG2	+ 10.3	1.7	4	
-0° 4076	197409	41.0	+ 0 18	8.7	.011	A2	- 19.2	1.9	4	
G 28905	197795	42.1	+55 07	7.6	.010	Ao	+ 0.8	1.8	4	
G 28912	197623	42.4	+ 0 07	7.4	.146	dG3	- 71.2	2.2	5*	
A 14238AB	197683	42.6	+12 35	8.0	---	dF5	+ 16.1	1.1	6	
A 14238C	197704	20 42.6	+12 33	7.3	---	dF2	- 24.9	0.4	3	
G 28926	197939	43.1	+56 18	6.2	.015	gM3	- 25.0	1.8	2	- 27.3 D
ϵ Cyg	197989	44.2	+33 47	2.6	.481	gKo	- 8.3	0.8	3	- 10.5 M
A 14278A	198180	44.4	+63 21	8.5	---	dA6n	- 8.0	2.7	4*	
G 28988	198385	45.4	+68 22	8.5	.186	dG5	- 18.5	0.8	3	
B 5339	198044	20 45.4	-22 55	7.3	.172	dF5	+ 12.	var	4*	
A 14299A	198063	45.6	-18 23	6.7	.020	gG7	- 9.0	1.3	3	
A 14299B	------	45.6	-18 23	7.2	.013	gG6	- 7.4	1.1	3	
G 29020	198188	46.4	-20 49	8.2	.305	dG3	- 82.6	1.9	3	- 90. L
B 5351	198208	46.5	-18 13	6.4	.034	gK2	+ 44.6	1.9	3	
B 5361	198478	20 47.2	+45 56	4.9	.001	cB2e	- 9.7	1.3	5*	- 6.6 M
A 14355A	198626	48.5	+30 43	6.8	.060	gFo	- 26.6	0.5	2	- 30.4 D
G 29104	198729	49.8	- 3 25	8.0	.042	gM4	- 29.7	1.7	3	
B 5368	198732	50.1	-23 58	6.4	.110	sgG5	- 39.9	0.5.	3	
A 14382A	198896	50.2	+43 34	8.5	---	sgG8	+ 4.	var	5*	
A 14382B	------	20 50.2	+43 34	8.8	---	A3	- 10.6	2.2	4	
44° 3621	199138	51.9	+44 59	8.3	.033	A1	- 43.9	1.1	4	
A 14412AB	199306	52.5	+59 07	6.8	.058	dA8n	+ 7.6	2.0	3	- 0.8 V
C 2711	------	52.8	+74 24	9.9	.120	dG5	- 74.1	2.1	3	
G 29194	199221	52.9	+27 54	8.0	.124	dG2	+ 4.9	0.4	3	
G 29195	199251	20 52.9	+33 34	7.4	.020	gM3	- 6.6	0.7	3	
B 5389	199478	54.1	+47 14	5.8	.007	cB8e	- 14.2	0.9	8r*	- 21.0 Y
B 5392	199611	54.8	+50 32	5.8	.038	dA8n	- 7.6	1.0	3*	- 19.6 D
ν Cyg	199629	55.3	+40 58	4.0	.018	B9n	- 29.	6.	3	- 27. M
G 29285	200099	56.7	+68 52	7.1	.074	gK4	- 39.9	0.3	3	
B 5405	199955	20 56.9	+50 16	5.5	.013	B8n	- 14.	3.5	5	- 25.0 M
G 29292	199802	56.9	+ 0 54	8.7	.157	dF9	- 17.4	0.9	3	
G 29294	199803	57.0	+ 0 52	8.7	.244	dG4	- 20.2	0.9	3	
G 29309	199942	57.6	+ 7 19	6.0	.033	A3n	- 20.4	1.0	4	- 23. V
B 5403	199947	58.0	-17 44	6.5	.030	gK2	+ 1.6	0.7	3	
C 2716	199976	20 58.1	- 8 32	8.2	.240	dG7	- 37.4	0.5	3	
B 5412	200205	58.2	+59 15	5.8	.041	gK4	- 18.6	1.7	8	- 14.2 V
G 29350	200253	59.2	+35 50	6.1	.019	gG5	- 12.	var	4*	- 7.4 S
29° 4283	------	59.7	+30 20	8.5	.033	dF5	+ 4.4	1.1	4	
29° 4284	200390	21 00.2	+30 20	7.8	.036	A2n	- 23.	3.7	4	
G 29407	200494	21 01.1	+ 2 44	7.9	.148	gK2	+ 6.0	0.8	3	
G 29413	200563	01.3	+23 48	7.4	.017	gM5	- 8.4	0.5	3	
3° 4492	200535	01.4	+ 3 54	8.5	---	gK2	- 27.8	1.7	3	
30° 4299	200631	01.6	+30 51	7.8	.018	gK2	- 14.0	1.7	4	
G 29421	200565	01.6	+ 3 47	8.5	.173	dG3	- 7.3	1.1	3	
B 5425	200723	21 02.0	+41 26	6.3	.054	gF2n	- 5.1	2.6	4	- 11.5 V
30° 4307	------	02.6	+30 43	8.3	.016	gKo	- 22.6	1.8	4	
B 5428	200790	03.0	+ 5 46	6.0	.159	dF7	- 27.2	2.4	2	- 23.4 V
26° 4070	200860	03.2	+27 06	8.6	.235	dG5	- 26.6	1.1	3	
30° 4314	------	03.6	+30 34	8.5	.022	Aon	- 6.4	2.0	3	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° ′		″		km	km		
29° 4307	------	21 03.7	+30 00	8.5	0.021	gM5	- 13.3	0.3	3	
B 5433	201091	04.7	+38 30	5.6	5.204	dK6	- 63.1	0.9	13r	- 65.1 M
B 5436	201251	04.9	+47 27	4.9	0.005	cK5	- 24.2	0.4	2	- 26.1 M
G 29550	201636	06.1	+71 14	6.0	.121	dFon	+ 0.7	0.9	2	+ 1.5 V
G 29560	201651	06.4	+69 28	8.1	.131	dG8	- 13.2	1.5	3	
B 5437	201301	21 06.4	-20 24	6.9	.025	gG7	- 45.6	0.9	3	
B 5438	201352	06.7	-20 46	6.2	.170	dF1	- 43.2	1.1	3	
G 29578	201479	07.1	+17 08	9.4	.007	dF6	- 15.2	0.3	3	
14° 4550	201640	08.1	+15 02	8.1	.030	gK3	+ 10.9	1.2	3	
G 29598	201733	08.2	+45 18	6.5	.002	B5ne	+ 8.5	0.3	2	+ 9.2 V
14° 4552	201706	21 08.6	+15 14	9.2	.033	dGo	+ 10.9	1.3	4	
15° 4362	201751	08.8	+15 40	8.7	.028	gK1	- 13.4	1.1	3	
G 29612	201707	08.9	-14 41	6.4	.036	gFon	- 39.7	1.4	3	
B 5449	201921	10.4	-25 03	7.5	.031	gK2	- 7.1	0.5	3	
14° 4556	202017	10.5	+15 23	8.1	.057	dF7	- 69.3	1.4	5	
δ Equ	202275	21 12.0	+ 9 48	4.6	.306	dF5	- 16.8	2.1	4	- 15.4 L
τ Cyg	202444	12.8	+37 50	3.8	.464	dFon	- 22.1	1.9	3	- 22.0 Y
15° 5938	202495	13.8	-15 02	8.0	.016	Aln	- 9.	3.5	4	
B 5465	202671	15.2	-18 12	5.4	.014	B8	- 10.8	2.6	4	- 11.3 L
σ Cyg	202850	15.4	+39 11	4.3	.006	cAo	+ 1.5	1.2	6*	- 3.8 M1
A 14839A	202908	21 16.2	+11 22	7.0	.039	dF8	+ 5.7	0.7	12*	
B 5470	202890	16.5	-16 23	6.9	.036	gG7	- 35.4	1.7	3	
B 5474	203064	16.6	+43 44	5.1	.009	08n	- 19.	var	5*	+ 4.v M
A 14843A	------	16.6	+33 35	9.0	---	gF5	- 29.2	1.9	4	
B 5509	204149	17.4	+84 03	7.1	.022	gKo	+ 5.0	1.8	3	
G 29855	203400	21 17.7	+65 57	8.1	.162	dG6	- 35.7	0.7	3	
B 5475	203142	18.2	-21 02	7.1	.067	dFo	- 7.5	2.0	3	
B 5490	203525	20.2	- 9 32	6.2	.040	gMo	+ 18.7	1.0	7r	
B 5495	203644	20.3	+49 10	5.9	.073	gKo	- 1.6	0.4	2	- 2.1 V
β Equ	203562	20.4	+ 6 36	5.1	.052	A2	- 10.4	0.9	3	- 10.4 M
G 29941	203712	21 20.9	+40 43	7.3	.012	gM6	- 47.4	1.5	2	- 53. L
B 5500	203843	22.2	- 3 37	6.4	.051	gA9	- 23.7	1.0	3	
G 30078	204585	26.7	+21 58	6.2	.042	gM4	- 21.4	0.2	2	- 20.5 D
B 5525	204770	26.8	+66 35	5.4	.023	B7n	+ 6.2	2.9	6	+ 1. M
G 30083	204734	26.9	+64 10	8.8	.282	dKo	- 9.2	0.4	3	
C 2791	204627	21 27.0	+25 13	8.6	.23:	dG5	- 15.0	0.2	3	
B 5520	204577	27.2	-19 22	6.5	.053	gF2	- 12.4	1.5	3	
B 5528	204905	28.2	+52 43	7.2	.017	Ao	- 19.8	0.9	3	- 11.v V
59° 2387	204964	28.4	+60 09	7.5	.022	B3	- 18.7	2.7	6r*	
G 30129	204832	28.6	+ 5 21	8.5	.018	gM3	- 5.2	1.3	3	
B 5535	205139	21 29.6	+60 14	5.5	.004	B1	- 13.6	2.0	5r	- 15.7 M
G 30162	205196	30.1	+57 17	7.4	.010	Bo	- 20.5	2.2	7r	- 10.0 V
B 5534	205132	30.9	-16 25	7.1	.110	dF4	- 40.1	1.0	3	
B 5537	205289	32.0	-20 18	5.8	.051	dF2	+ 5.5	1.1	3	
B 5538	205306	32.1	-20 29	7.0	.061	dF6	- 13.2	0.7	4	
B 5540	205342	21 32.4	-23 41	6.4	.074	gG7	- 14.4	1.9	4	
B 5548	205551	32.7	+51 28	6.0	.005	B9n	- 22.	4.0	5*	
G 30237	205741	33.4	+66 30	7.0	.042	gK1	- 12.7	1.8	4	
G 30240	205776	33.6	+66 33	7.2	.016	gK2	- 12.1	1.3	3	
B 5554	205850	34.5	+57 15	8.8	.020	gF2	- 15.5	0.9	3	
G 30283	205941	21 35.8	+32 58	7.5	.113	dG8	- 29.1	0.5	3	
B 5556	205924	36.0	+ 5 33	5.8	.112	A2n	- 16.6	2.6	4	- 21.0 D
B 5563	206165	36.6	+61 51	4.9	.004	cB2	- 11.0	1.5	5r	- 14.3 M
B 5559	206058	37.0	- 0 17	6.8	.229	dF7	- 28.	var	6r*	
A 15186A	206224	37.5	+41 30	8.1	---	dG9	- 14.8	1.9	3	
A 15186E	206225	21 37.5	+41 30	8.7	---	dG7	- 17.9	0.1	3	
60° 2776	206327	37.6	+61 19	8.5	.006	B2	- 29.6	2.5	3r	
B 5577	206554	38.5	+71 05	7.1	.131	dF5	- 7.8	1.0	4	
B 5568	206356	39.2	-23 29	5.3	.133	gG9	- 39.3	2.5	3*	- 44.9 M
G 30371	206404	39.4	+ 0 07	7.7	.063	dF7	+ 16.7	0.3	3	
G 30407	206731	21 40.8	+49 22	6.1	.008	gG5	+ 0.6	0.7	3	- 3.4 D
-0° 4257	206660	41.1	+ 0 18	7.1	.035	gG8	- 29.4	1.3	3	
A 15267AB	206792	41.7	+27 37	8.0	.102	dF5	- 57.3	0.3	3	
ε Peg	206778	41.7	+ 9 39	2.5	.025	cKo	+ 4.0	0.5	7r	+ 5.2 M
μ Cep	206936	42.0	+58 33	var	.002	gM2	+ 23.	var	3	+ 20.v M

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 30443	206860	21 42.1	+14 33	6.1	0.277	dGo	- 20.1	1.4	3	- 18.4 S
B 5586	206833	42.2	- 9 16	7.1	.049	gK3	- 25.3	1.6	3	
C 2830	------	42.7	+74 13	9.4	.23:	dG7	- 29.6	1.6	4	
A 15300AB	207033	43.5	+11 39	8.5	---	dGo	- 28.1	1.9	3	
G 30473	207198	43.5	+62 14	6.0	.009	09	- 15.	5.	2*	- 19.8 V
ν Cep	207260	21 44.0	+60 53	4.5	.003	cA2	- 18.4	0.1	2*	- 21.5 M
B 5597	207061	44.0	-11 56	7.0	.131	dF6	+ 1.8	0.9	3	
61° 2194	207308	44.3	+62 04	7.9	.017	B3	- 22.6	2.1	2*	
B 5610	207435	46.4	- 5 38	6.8	.065	gKo	+ 0.8	1.7	4	
B 5613	207503	47.0	-12 57	6.1	.018	gA8	- 1.	4.	4*	
G 30566	207673	21 47.6	+40 55	6.5	.009	cAo	- 1.9	1.5	4r*	- 6.6 V
B 5619	207780	47.8	+61 02	6.4	.021	gM1.5	- 18.3	0.7	3	- 19.7 V
G 30585	207692	48.6	-23 30	6.8	.352	dF5	- 49.0	0.6	3	
B 5618	207760	48.9	-18 51	6.1	.165	dF1	- 42.2	1.7	3	
C 2845	207992	50.2	+39 34	8.7	.46:	dG5	- 51.2	0.8	3	
B 5623	207598	21 50.6	-13 47	5.2	.308	dFo	- 23.8	0.8	5	- 21.0 L
G 30643	208011	51.0	-20 15	8.1	.131	dF2	- 10.0	1.1	3	
G 30645	208218	51.2	+62 29	6.8	.020	B1	- 23.6	1.0	2	- 20.9 V
G 30661	208174	51.7	+28 06	6.7	.197	dA5n	- 5.6	2.6	3	- 8.4 D
67° 1370	208376	51.9	+67 51	9.6	---	A2	- 8.9	1.8	3	
G 30666	208411	21 52.0	+67 52	7.6	.014	gG4	- 2.9	1.2	3	
44° 3980	208310	52.3	+45 19	8.5	.007	Aon	- 1.6	2.9	4	
C 2850	208313	52.5	+32 06	7.6	.33:	dKo	- 15.4	1.4	4	
A 15442A	208395	52.9	+45 33	8.5	.006	Ao	0.	var	4*	
44° 3985	208513	53.5	+44 42	7.8	.014	Ao	- 16.	var	5*	
B 5641	208565	21 54.5	+11 50	5.6	.035	Ao	+ 13.0	2.9	7	+ 18. V
B 5643	208703	55.6	- 5 40	6.2	.102	dF2	+ 0.1	2.4	4	+ 0.6 S
B 5644	208704	55.7	-12 54	7.0	.068	dG2	+ 2.6	1.5	3	
B 5649	208808	56.5	-23 07	7.4	.061	dF5	- 10.9	1.5	3	
G 30774	209112	57.4	+62 27	6.2	.029	gM3	- 16.4	1.6	3	- 14.5 D
B 5653	209008	21 57.6	+ 6 29	6.0	.006	B5	- 6.	3.4	3	- 7.3 V
B 5661	209369	58.5	+72 57	5.2	.172	dF3	- 21.3	1.5	8	- 21.2 M
30° 4587	209206	58.8	+30 31	8.7	.017	dA5n	- 0.6	1.8	4*	
B 5659	209240	59.4	-18 09	6.4	.127	dG7	- 16.0	0.6	3	
30° 4591	209440	22 00.6	+30 32	8.2	.007	A3	+ 4.5	1.9	4*	
G 30849	209484	22 01.0	+29 58	7.0	.014	B9	- 3.	var	4*	- 7.v D
30° 4594	209516	01.1	+30 45	8.2	.011	A1	+ 3.4	1.8	4	
29° 4570	209517	01.1	+29 48	7.9	.028	B9n	+ 1.	3.2	3	+ 1. D
G 30851	209675	01.4	+68 01	8.8	.196	dG8	+ 56.0	1.2	3	
B 5671	209625	02.2	- 1 09	5.2	.052	gA8	+ 16.9	2.0	6	+ 20.4v L
G 30883	209709	22 02.6	+14 34	6.7	.018	gM2.5	- 3.2	0.7	3	
A 15610A	209745	02.9	+29 37	8.7	.045	dF8	- 25.2	1.3	3	
B 5681	209833	03.3	+28 43	5.6	.023	Aon	- 5.7	1.8	5	- 15.8 DV
B 5687	209975	03.6	+62 02	5.2	.003	09	- 11.3	1.6	7*	- 12.8 M
G 30929	209977	04.6	+11 31	7.3	.039	gM1	- 63.9	2.4	4*	- 68. L
B 5692	210129	22 05.5	+21 28	5.7	.071	B8ne	- 52.	4.	4r	
B 5700	210353	06.7	+47 41	6.8	.034	A1	+ 6.	3.1	3*	- 7.v V
B 5696	210269	06.8	- 8 26	7.0	.077	gG4	- 46.2	0.6	3	
B 5704	210422	07.9	-11 04	7.0	.055	gG7	+ 1.1	0.8	3	
G 31026	210502	08.2	+11 23	5.9	.063	gM1	+ 11.8	0.4	3*	+ 21.7 D
B 5716	210807	22 08.8	+72 06	5.0	.031	gG3	- 9.6	2.3	3*	- 15.9 M
B 5712	210705	09.7	-14 26	6.2	.045	dF3	+ 14.7	1.2	3	
A 15729A	210885	10.1	+59 28	7.6	.017	gKo	- 3.9	1.8	4	
A 15729B	------	10.1	+59 28	9.5	---	A2	+ 1.3	2.5	3	
B 5715	210763	10.1	- 4 58	6.4	.065	dF4	+ 2.	var	6*	
69° 1229	211003	22 10.4	+70 07	8.3	---	dFo	- 5.0	2.0	4	
B 5727	210939	10.4	+60 31	5.5	.024	gG9	- 2.0	0.9	2	- 3.8 V
B 5717	210845	10.8	-12 10	7.1	.029	gGo	- 8.8	2.5	4*	
G 31086	211029	10.8	+63 03	6.1	.010	gM3	- 13.8	1.0	3	- 12.3 D
G 31087	210925	10.9	+25 42	6.8	.154	dG6	- 68.4	0.3	3	
B 5735	211140	22 12.6	- 5 50	8.2	.020	gG7	- 0.2	1.7	4	
15° 6174	211234	13.3	-14 43	8.0	---	gK3	- 20.	var	4*	
14° 4764	211286	13.4	+15 11	8.6	.023	dF5	+ 4.7	2.5	4*	
15° 4604	211341	13.7	+15 46	8.2	.013	dF6	+ 6.4	1.3	4	
B 5743	211361	14.1	-13 05	5.6	.013	gKo	+ 13.8	2.2	4	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 31156	211380	22 14.2	-14 54	7.1	0.077	dF8	+ 18.6	1.7	3	
G 31201	211733	16.4	+16 00	6.9	.023	A3n	- 30.0	1.5	3	- 24.1 D
15° 4618	------	16.6	+15 41	8.4	.030	gG6	- 18.3	1.3	4	
B 4754	211797	16.7	+37 31	6.1	.071	dF2	+ 6.7	0.9	3	+ 6.5 V
15° 4620	211837	17.2	+15 55	8.6	.014	dA8n	+ 13.	4.9	4*	
53° 2844	211868	22 17.5	+54 19	8.0	---	A4	- 60.4	1.4	6	
B 5787	212774	17.8	+85 58	6.8	.038	gKo	- 9.3	1.0	3	
B 31242	212047	18.7	+26 41	6.5	.013	gM4	- 0.2	0.8	3	- 4.8 D
B 5760	212022	18.8	- 6 30	7.5	.030	A4	- 11.2	2.8	4	
G 31260	212081	19.2	- 6 26	8.1	.007	gM3	+ 11.4	1.1	3	
B 5767	212247	22 19.8	+43 30	8.0	.038	gK2	- 22.4	2.0	4	
A 15881A	212391	20.3	+66 27	7.2	.034	gG6	- 2.8	1.5	5r	- 1.5 V
A 15881B	212392	20.3	+66 27	8.0	.028	A3	- 8.	var	4*	- 10.v V
G 31288	212291	20.6	+ 9 12	7.8	.307	dG6	- 7.5	1.0	3	
54° 2756	212455	21.2	+55 29	8.4	---	cB5	- 59.4	2.3	6r*	
G 31312	212470	22 21.6	+31 00	7.5	.017	gM4.5	- 4.0	1.2	3	
51° 3359	212510	21.7	+52 13	8.6	---	A2	- 38.4	1.3	6	
B 5774	212430	21.8	-13 47	5.9	.047	gG6	- 20.6	1.9	4	
B 5779	212593	22.5	+49 13	4.6	.010	cB8	- 22.7	1.3	2*	- 26.4 M
B 5780	212643	23.4	-23 56	6.2	.006	Ao	- 15.3	2.3	4	
51° 3372	212791	22 23.8	+52 11	8.2	.016	B4ne	- 13.0	0.7	6*	
74° 964	212955	23.8	+74 35	8.0	---	gG5	- 3.3	1.1	3	
74° 965	213021	23.9	+74 34	8.0	---	cGo	- 23.1	0.8	3	
G 31350	212810	23.9	+53 41	7.4	.061	dF1	- 15.3	2.4	3	
53° 2882	212898	24.5	+53 51	7.6	.007	Aon	- 4.	5.	6*	
B 5790	212943	22 25.3	+ 4 27	4.9	.318	sgKo	+ 53.9	0.3	13r	+ 53.9 M
G 31388	213014	25.8	+17 00	7.5	.022	gG8	- 39.2	0.7	9r	
B 5804	213310	27.4	+47 27	4.6	.005	cMop	- 0.8	1.5	11r*	- 11.6 M
σ Aqr	213320	28.0	-10 56	4.9	.028	Ao	+ 5.0	1.7	6	+ 13.v LV
G 31451	213470	28.4	+56 58	6.7	.012	cA3	- 61.9	1.0	3	- 61.2 V
B 5812	213464	22 29.0	-11 10	6.4	.081	dF2	+ 4.	var	4*	
B 5817	213789	31.5	- 1 50	5.9	.046	gG6	- 7.5	0.7	3	
B 5816	213780	31.5	- 9 52	6.8	.010	gK2	+ 5.1	1.9	4	
B 5823	213973	31.6	+69 39	6.0	.135	dF2	+ 1.0	0.7	3	- 5.5 V
B 5821	213930	31.7	+56 22	5.8	.086	gG9	- 10.1	1.8	6*	
A 16095A	214168	22 33.6	+39 23	5.8	.005	B3ne	- 8.	6.	6*	- 1. M
A 16095B	214167	33.6	+39 22	6.6	.012	cB2	- 11.4	1.0	4*	- 15.1 V
53° 2931	214357	34.5	+53 32	8.6	---	Ao	- 5.9	0.9	6	
B 5838	214470	34.5	+73 23	5.2	.172	gF3	+ 2.3	0.9	8r	+ 0.7 M
A 16111AB	214511	34.9	+72 37	7.5	.009	dF6	- 12.	var	4*	
A 16111D	------	22 35.0	+72 37	8.3	.098	dF7	- 5.0	1.1	3	
G 31604	214710	36.2	+75 07	6.1	.046	gM1	- 5.7	0.7	3	- 5.3 D
G 31608	214547	36.4	+ 2 16	10.1	.013	dF2	+ 6.	3.1	6*	
B 5839	214572	36.6	-10 17	7.2	.049	dGo	+ 11.4	1.5	3	
A 16145pr	214615	36.9	-12 52	8.6	.269	dKo	- 10.8	0.6	3	
A 16145fo	------	22 36.9	-12 52	8.6	---	dKo	- 6.8	0.6	3	
B 5844	214680	37.1	+38 47	4.9	.006	09	- 12.	3.3	2*	- 9.5 M
G 31632	214714	37.3	+37 20	6.1	.004	gGo	- 7.7	0.3	3	- 6.5 D
B 5845	214690	37.6	-30 55	6.0	.234	gK2	+ 79.8	0.6	2	
G 31650	214878	38.3	+53 35	6.1	.013	gG4	- 6.3	1.0	3	- 5.7 D
54° 2836	214956	22 38.8	+54 45	8.8	---	Aon	+ 1.4	2.5	6*	
G 31689	215093	40.2	- 0 02	6.9	.006	dF2	- 16.2	2.2	4	
B 5859	215081	40.3	-21 55	7.3	.028	gG3	+ 7.5	0.3	4	
B 5861	215097	40.4	-10 22	7.2	.018	gKo	+ 14.6	1.3	3	
G 31694	215110	40.4	+ 0 09	8.0	.226	dG4	- 9.5	1.2	3	
G 31695	215129	22 40.4	+ 0 57	6.9	.015	A3	- 9.0	0.5	3	
G 31739	215500	42.3	+64 19	7.8	.297	dG5	- 41.4	2.5	4*	
C 2972	215696	44.6	-16 24	7.4	.358	dG4	- 30.4	1.7	4	
B 5879	215766	45.1	-14 19	5.7	.029	Aon	+ 15.	var	5*	
B 5883	215907	45.4	+58 13	6.3	.005	Ao	+ 6.4	2.6	5	- 0.6 D
B 5882	215874	22 45.9	-10 49	6.2	.030	dFo	- 6.3	0.5	3	
G 31824	215943	45.9	+37 09	6.0	.084	gG8	- 25.9	0.7	3	- 23.2 D
G 31825	215953	46.0	+49 19	7.2	.035	gM4	- 56.0	2.2	4	- 52. L
G 31880	216720	49.3	+84 31	7.1	.049	gKo	+ 2.4	0.9	3	
B 5894	216385	49.9	+ 9 34	5.3	.520	dF5	+ 8.6	1.5	7	+ 12.8 L

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
G 31927	------	22 51.2	+75 46	9.3	0.330	dK1	+ 39.3	1.8	3	
B 5902	216567	51.5	-12 27	7.2	.062	gK2	+ 5.3	0.5	3	
B 5918	217050	54.9	+48 25	5.2	.014	B3ne	- 17.4	1.0	3*	- 10.9 M
A 16407A	217294	55.6	+78 14	8.0	.148	gG5	- 21.8	0.7	3	
A 16407B	------	55.6	+78 14	9.0	.135	dF6	- 25.1	1.5	3	
B 5920	217166	22 56.0	+ 9 05	6.5	.420	dG1	- 27.0	0.6	4r	
G 32067	217459	58.2	+ 2 45	6.0	.082	gK4	+ 17.5	0.7	3	+ 21.4 D
o And	217675	59.6	+42 03	3.6	.022	B7n	- 18.3	0.9	3*	- 13.9 M
56° 2933	240170	23 00.2	+56 48	8.6	---	dG6	- 38.7	0.7	3	
β Peg	217906	01.4	+27 49	2.6	.234	gM2	+ 9.5	0.6	6r	+ 8.6 M
B 5945	218060	23 02.6	- 7 58	5.6	.124	dFon	- 8.1	1.0	4	- 19. S
B 5946	218081	02.7	- 8 01	7.6	.012	gKo	- 23.	var	4*	- 25. L
G 32173	218209	03.1	+68 09	7.5	.623	dG3	- 18.7	0.7	8r	
29° 4855	218199	03.4	+30 27	8.3	.013	gG7	- 5.6	2.2	4	
29° 4858	218301	04.1	+30 21	8.0	.020	dA8n	- 3.0	2.1	5	
B 5954	218356	23 04.7	+25 12	5.0	.031	cKo	- 26.	3.4	2	- 26.8 LV
G 32217	218454	05.4	+30 10	7.5	.024	gK4	- 19.9	1.0	3	
29° 4867	------	05.9	+29 57	8.5	.050	gKo	+ 4.1	1.3	4	
30° 4885	------	06.3	+30 35	9.0	.046	gA8	+ 1.1	1.7	4	
G 32299	218853	08.7	+ 4 44	6.9	.007	gM5	- 5.7	0.5	3	
G 32331	219139	23 10.9	+10 48	5.9	.017	gG5	+ 16.2	1.9	4	+ 18.0 D
14° 6429	219364	12.7	-14 18	7.6	---	dG9	+ 9.5	1.8	3	
G 32395	219542	14.0	- 1 52	8.3	.177	dG4	- 17.0	1.4	3	
G 32412	219617	14.5	-14 06	8.3	1.292	sdA8p	+ 8.0	1.4	8r	+ 23. Md
γ Psc	219615	14.6	+ 3 01	3.8	0.756	gG6	- 15.0	0.9	3	- 13.4 M
G 32420	219657	23 15.0	- 1 48	8.2	.265	dG4	- 47.8	2.0	3	
G 32430	219702	15.3	-14 04	6.8	.012	gK2	- 9.6	2.7	4*	- 5.5 L
14° 4967	219738	15.6	+15 19	8.2	.084	dF8	- 52.8	1.1	3	
G 32467	219879	16.8	-18 21	6.1	.026	gK3	+ 5.2	1.0	3	
G 32486	220007	17.6	+56 58	7.2	.007	gMo	+ 1.7	1.8	3	
G 32489	219983	23 17.7	- 4 11	6.6	.302	dGo	- 14.6	1.6	3	
G 32493	220140	17.8	+78 44	7.7	.166	dKo	- 15.1	1.3	3	- 19. L
14° 4974	220078	18.2	+14 46	7.6	.036	dA5	- 16.1	1.0	4	
G 32532	220382	20.0	+75 31	8.0	.017	gK1	- 14.4	0.6	3	
A 16713B	------	20.3	+20 17	9.5	---	dK6	- 21.6	0.2	2	
B 6012	220321	23 20.4	-20 22	4.2	.158	gKo	- 10.6	2.8	3	- 6.0 M
G 25345	220373	20.6	+15 48	8.6	.138	dGo	+ 4.1	0.7	3	
B 6019	220466	21.4	-22 03	6.5	.112	dF2	+ 24.0	1.8	3	
A 16730A	220512	21.7	+ 3 26	6.8	.033	gK2	- 13.0	1.0	3	
A 16730B	------	21.7	+ 3 26	8.8	---	dF4	- 19.9	1.9	4	
G 32589	------	23 23.0	+69 41	9.2	.185	dG4	- 12.1	2.0	3	
G 32611	220819	24.1	+60 49	6.7	.007	gA5	+ 0.9	1.6	3	
58° 2595	220999	25.6	+59 25	7.4	.041	A3n	- 26.2	2.5	4	
B 6041	221147	26.9	- 2 04	6.6	.025	gG8	+ 12.2	2.4	4	
B 6056	221525	27.6	+87 02	5.6	.082	dA8	- 11.4	1.1	3	
B 6045	221257	23 28.0	-24 28	7.5	.068	dG3	- 25.0	0.3	3	
B 6050	221357	29.1	-21 39	6.2	.008	gA8n	- 8.	var	5*	
A 16819A	221445	29.7	+ 6 49	6.8	.055	dF6	- 12.7	1.0	3	
17° 6769	221503	30.1	-17 07	8.6	.35:	dK5	- 1.9	1.9	3	+ 3. Md
G 32767	------	31.3	+70 05	8.6	.035	gM1	- 32.7	1.0	3	
G 32771	221662	23 31.4	+20 34	6.3	.022	gM3	+ 5.6	1.0	3	+ 6.7 D
G 32793	221861	32.8	+71 22	6.1	.008	cK1	- 1.4	1.3	3	- 2.4 D
B 6064	221833	32.9	+ 1 02	6.6	.056	gK4	+ 7.8	1.9	4	+ 5.3 V
B 6065	221835	33.0	- 7 44	6.5	.025	gG5	+ 5.2	1.0	3	
18° 6342	221974	34.1	-17 31	9.1	.44:	dKo	- 22.8	1.2	3	
B 6069	222093	23 35.1	-13 20	5.7	.043	gG6	- 12.1	0.7	3	
G 32872	222387	37.2	+73 44	6.1	.013	gG5	+ 4.	var	4*	+ 14.6 D
G 32907	222589	38.9	+74 07	8.8	.218	dG7	- 24.3	1.1	3	
B 6082	222547	39.0	-18 18	5.6	.079	gK5	+ 25.6	0.9	3	
B 6083	222574	39.2	-18 06	5.0	.014	cG1	- 2.2	2.5	4*	+ 4.8 L
B 6086	222641	23 39.8	+44 43	6.7	.018	gK5	- 9.9	1.4	4r	
G 32961	222860	41.7	+ 0 26	8.0	.040	dF8	+ 4.2	1.4	3	
B 6100	223029	43.4	- 0 01	7.8	.050	dF8	- 33.0	1.7	4	
β 12558A	------	44.6	+68 47	9.2	---	dF6	- 45.3	1.5	3	
β 12558B	------	44.6	+68 47	9.3	---	dF6	- 41.0	0.8	3	

TABLE 1 (Cont'd)

STAR	H.D.	1950 R.A.	1950 Decl.	Vis. Mag.	P.M.	Spec.	Vel.	P.E.	No. Pl.	Others
		h m	° '		"		km	km		
B 6109	223311	23 46.0	- 6 39	6.3	0.019	gK4	- 20.0	0.7	11r	
A 17022A	223385	46.4	+61 56	5.6	.007	cA2e	- 45.3	1.8	11r*	- 47.0 V
A 17022B	------	46.4	+61 56	8.0	---	cAo	- 43.6	1.5	2*	
B 6112	223421	46.7	+58 41	6.4	.038	dF3	+ 29.0	1.9	4	+ 29.4 V
B 6116	223524	47.7	-10 15	6.1	.155	sgKo	- 17.2	1.5	4	
B 6118	223559	23 48.0	-14 41	5.9	.043	gK5	- 57.9	1.9	3	
A 17052AB	223688	49.2	- 6 53	8.9	---	dG2	+ 11.5	0.9	3	
B 6126	223744	49.9	-14 32	6.0	.104	gK3	+ 2.5	0.2	3	
B 6128	223781	50.1	+10 40	5.4	.026	A2n	+ 3.	3.7	7	- 7. M
B 6131	223807	50.3	- 9 16	6.0	.061	gKo	- 17.6	1.3	3	
B 6132	223825	23 50.4	- 3 26	6.1	.080	gG9	- 5.7	1.7	5	
19° 6533	223932	51.2	-18 39	7.4	---	dG6	- 19.7	1.8	3	
G 33149	223960	51.3	+60 35	7.0	.010	cAoe	- 48.7	1.5	5*	- 48. V
60° 2637	223987	51.6	+61 20	7.6	.031	Bo	- 44.8	2.0	5*	
G 33163	224055	52.2	+61 34	7.2	.036	cB3e	- 41.9	2.5	7*	- 42.7 V
G 33191	224186	23 53.4	+14 57	6.6	.100	gM3.5	+ 4.2	0.7	3	
A 17107A	224253	53.8	- 9 47	8.5	.279	dG3	+ 36.9	0.9	3	
A 17107B	------	53.8	- 9 47	9.0	---	dK3	+ 40.5	1.8	2	
G 33208	224303	54.1	+22 22	6.3	.023	gM2.5	+ 2.0	1.5	3	+ 1.8 D
47° 4331	224380	54.8	+48 00	7.5	.012	B9n	+ 2.	4.3	5*	- 12.2 D
58° 2676	224424	23 55.2	+59 26	7.8	---	cB1e	- 70.9	2.7	5*	
B 6152	224481	55.8	-16 08	6.4	.078	gG8	+ 4.8	2.0	3	
G 33252	224559	56.2	+46 08	6.5	.017	B3ne	+ 0.3	1.0	7*	- 3.0 V
σ Cas	224572	56.5	+55 29	4.9	.008	B3n	- 16.9	2.5	2*	- 9.9 M
A 17140B	------	56.5	+55 29	7.0	---	B3	- 5.	var	4*	
17° 6856	224618	23 56.8	-17 13	8.5	1.145	dG6	- 42.3	1.3	4r	
G 33276	224677	57.2	- 0 33	7.0	0.026	gM2	- 30.4	1.9	3	
G 33283	------	57.5	+19 46	9.5	.288	dKo	+ 8.5	1.3	4	
59° 2813	224905	59.1	+60 11	9.2	---	B3n	- 16.9	1.1	3r*	
B 6168	224906	59.2	+42 05	6.1	.002	B9	- 7.	3.0	5	- 15. S
B 6175	225003	23 59.9	+ 8 12	5.8	.111	dFo	+ 9.5	0.9	5	+ 8.2 S

NOTES

STAR	R.A. h m	
G 17	0 00.8	IS -17.0 ±2.6, 5.
G 61	02.8	Hydrogen faint; λ4215 and λ4077 strong.
B 26	10.5	-2, -22, -15, -23.
γ Peg	10.6	IS -5.2 ±1.1, 2.
A 237A	14.8	-21, -18, +48, -23.
A 252A	15.9	Lines may be double on one plate.
30° 60	24.8	Velocity probably variable; -21, -27, -12, -29.
κ Cas	30.1	IS -16.5 ±1.2, 6.
G 1017	48.4	IS -16.5 ±0.7, 5.
G 1066	50.8	-8, -18, -23, +9.
B 222	59.5	+35, +19, +25, +17.
G 1271	1 01.0	IS -25.0 ±2.1, 5; IS lines may be double.
G 1290	01.7	Large difference, S-W; Velocity probably variable.
B 234	02.4	Velocity variable; lines are double on two plates.
A 988A	10.1	Spectrum is composite, A2 + A1; lines are double on one plate.
G 1472	10.9	IS -16.3 ±0.6, 3.
G 1825	27.9	IS -19.2 ±1.1, 3.
29° 260	30.8	+20, +23, -12, +22.
B 340	31.4	Lines are poor but velocity is probably variable; -20, -21, +5, +9, +6.
G 1977	35.5	Fine spectrum; velocity is probably variable; -6, 0, +11, -6.
B 365	36.5	Lines are poor.
B 398	43.9	-14, +19, +7, +16, -7, -2.
B 457	59.3	IS -10.7 ±1.5, 7.
44° 422	2 03.9	All plates with dispersion of 130A.
55° 554	12.4	IS -19.9 ±1.7, 3.
55° 469	13.2	-32, -46, -32, -64; IS -30 ±3.4, 4.
G 2724	13.5	IS -14 ±4.5, 2.
55° 564	14.3	-34, -19, -35, -25, +14, -16; lines are double on second plate.
G 2800	17.2	IS -23.3 ±2.1, 4.
B 534	18.9	IS -16.9 ±2.1, 4.
15° 331	19.2	-10, -16, -30, -28.

STAR	R.A. h m	
B 535	2 19.4	IS -20.6 ±2.5 4.
14° 392	21.7	-51, -48, -17, -38, -40.
G 2925	23.2	-38, -17, -35, -19, -29, -10.
G 2973	26.4	IS -26.4 ±2.3 4.
B 608	37.8	Fine spectrum; velocity probably variable; +5, -10, -12, +1.
B 599	40.4	Large difference, D-W; velocity probably variable.
G 3315	42.7	+33, +25, +8.
15° 554	3 09.4	+54, +37, +30, +23.
15° 450	11.3	Velocity probably variable; +9, +5, +28, +27, +17.
B 724	12.0	IS -10.8 ±1.7 6.
B 721	13.9	Lines are poor but velocity probably varies; range -23 to +21.
G 4009	18.5	-28, -10, -26, -46.
B 781	25.0	IS -8.3 ± 0.7 4.
A 2559A	25.8	IS +0.3 ± 1.5 3.
B 786	25.9	IS -7.7 ± 1.5 3.
29° 568	27.2	Velocity probably variable; -2, +16, +12, -8.
44° 732	28.9	Velocity probably variable; -14, -1, -5, -19.
B 839	39.2	Range +50 to +14.
22° 535	40.6	In Pleiades.
B 845	41.3	IS +22.6 ±1.7 2.
A 2772A	44.7	Lines double on two plates; IS +18.0 ±2.5 5.
21° 530	45.8	In Pleiades.
G 4598	46.6	IS -4.7 ±0.9 5.
B 876	46.6	+34, +18, +15, +31.
ζ Per	51.0	IS +12.9 ±0.6 9.
A 2850B	51.8	+4, +14, +8, +31, +27.
ε Per	54.5	IS +10.8 ±0.8 8.
ξ Per	55.7	IS +10.5 ±0.3 7.
G 4919	4 02.4	Lines are poor.
B 947	05.0	IS +3.8 ±1.0 4.
75° 167	08.8	-14, -14, +5, -6; lines are double on third plate.
B 963	09.4	Large difference, L-W; velocity probably variable.
B 971	10.9	-12, +3, +15, +7.
B 974	12.8	Lines are poor; but velocity is probably variable.
A 3093B	13.0	Companion to 0^2 Eri; velocities depend upon measures of one hydrogen line on each plate; the small p.e. is accidental.
15° 754	13.8	Velocity probably variable; -17, -4, -3, +1.
15° 765	17.3	Velocity probably variable; +23, +31, +10, +22.
B 1019	21.0	Velocity probably variable; range +30 to -6.
A 3243A	25.7	Velocity probably variable; -28, -46, -46, -37.
A 3274B	28.1	IS +0.6 ±0.9 5.
A 3353S	35.4	Sanford's orbit of the N star of this pair gives V_o = +3.4.
B 1100	42.1	-8, -30, -12, -2, +7.
B 1139	49.1	IS -8.6 ±0.6 5.
38° 1012	5 00.6	Ca+ lines give +4.7 ±0.6 6; Hydrogen lines are fair and velocity is probably variable; range +10 to -30.
B 1215	04.9	IS +15.1 ±2.1 2.
B 1248	12.5	+12, -18, -7.
B 1249	13.0	IS +14.9 ±0.6 6.
G 6485	15.3	+71, +71, +96, +29.
15° 787	16.8	Lines are poor; they appear double on one plate.
B 1282	19.0	IS +20.0 ±1.5 3.
B 1284	19.2	IS +12.8 ±1.2 2.
γ Ori	22.4	IS +21.6 ±1.5 4.
B 1310	23.9	IS +14.8 ±0.4 4.
B 1353	32.1	IS +15.9 ±1.8 4.
A 4179A	32.4	IS +17.0 ±1.2 4.
A 4179B	32.4	IS +15.8 ±1.6 5.
B 1361	32.6	IS +27. ±3.1 2.
B 1362	32.6	IS +25.2 ±1.9 4.
ε Ori	33.7	IS +18.5 ±0.5 12; IS lines are double on four high dispersion plates, +9.1 ±0.8; +25.2 ±0.5.
G 6975	34.3	-96, -118, -114, -96.
ζ Tau	34.7	IS +19.8 ± 0.4 4.
B 1367	34.9	+7, +26, ±25, +8.
B 1443	45.3	Velocity probably variable.
G 7335	48.1	Velocity probably variable; +10, +7, -6, +2.
G 7483	53.9	IS +8.0 ±1.2 9.
G 7523	55.5	Dunlop calls this a binary with two spectra showing on one plate, the other three agree and give a velocity -3.7 ± 0.7.

STAR	R.A. h m	
G 7671	6 00.8	+58, +48, +32, +56.
B 1518	03.8	Velocity probably variable; -15, -25, -9.
B 1578	13.9	IS +12.4 ±0.8 6.
29° 1231	24.9	Velocity probably variable; +7, -3, -11, -8.
30° 1245	27.1	+21, +26, +3, +11.
B 1651	29.1	Velocity probably variable in long period.
5° 1282	29.3	IS +24.8 ± 1.5 3.
G 8477	29.3	IS +22. 1 plate.
B 1657	30.2	IS +11.6 ± 1.0 5.
6° 1303	33.8	IS +19. ±3.2 2.
G 8686	36.6	-21, +4, -15, -22.
B 1743	45.2	Velocity probably variable; +39, +29, +30, +21.
18° 1365	47.2	Velocity probably variable; +22, +32, +32, +17, +34.
G 9063	52.2	Spectrum composite, B_3 + F_3.
2° 1483	55.3	Spectrum composite, gF5 + A5; -14, -45, +24, -44.
B 1817	7 00.9	IS +17.4 ±2.5 2.
λ Gem	15.2	Lines are broad and ill-defined but velocity may be variable, as announced by Hnatek at Vienna.
B 1893	16.4	-12, +11, +14, +14.
B 1903	18.4	Lines are poor but large difference, V-W, suggests that the velocity is probably variable.
B 1871	20.7	Velocity probably variable.
η CMa	22.1	IS +21.4 ±1.3 2.
B 1935	22.4	IS +15.2 ±2.5 2.
B 1941	24.0	+24, +32, +23, +9, +4, -4.
B 1957	25.5	Spectrum composite, gF8 + B3n.
B 2035	41.8	IS +29.5 ±1.9 2.
88° 39	45.9	+16, +5, -7, +3.
C 946	55.4	Velocity probably variable; +4, -2, +1, -15.
B 2122	58.7	-35, -9, -27, -2.
B 2139	8 05.2	0, +4, -13, -16.
B 2173	10.1	λ4128 and λ4130 strong.
A 6659A	10.2	+41, +12, +52, +22.
B 2212	19.1	+2, -28, +1, -16, -13, 0.
29° 1759	26.2	Velocity probably variable; +30, +8, +20, +33.
δ Hya	35.0	Velocity probably variable; +25, +26, +9, +23.
B 2300	36.2	+45, +28, +19, +34, +23.
G 11886	37.2	+20, -12, +21, +18.
20° 2169	37.6	Double-lined binary; range -95 to +84.
B 2311	37.6	Range +49 to -21.
19° 2078	38.4	+30, +28, +60; lines may be double on last plate.
B 2343	42.4	Lines are poor.
B 2383	52.4	Large difference, V-W; velocity probably variable.
B 2432	9 02.0	-6, +4, -15, -30, -8, -34.
B 2439	03.3	Large difference, M-W; velocity probably variable.
G 12838	16.1	+16, -1, +59, +1, +34.
B 2510	17.9	Good lines; velocity probably variable; +28, +12, +13, +9.
G 12897	18.6	+6, +16, -30, +5.
G 13088	26.9	+19, -74, +5, +18.
B 2582	34.6	+32, +18, +10.
A 7500A	40.9	Lines are double on two plates.
B 2611	42.1	Range -10 to -41.
B 2623	43.8	+26, +15, 0, +6, +20.
12° 2093	44.6	Companion to R Leo.
B 2634	47.0	+27, +8, +25; lines fuzzy or double on two plates.
G 13531	47.1	+35, +8, +45, +72.
+0° 2582	52.4	+37, +38, +14, +30.
G 13748	57.2	+30, -52, +69, -51.
B 2683	10 00.1	+19, +28, +12, +4.
η Leo	04.6	IS +2.9 ±0.8 6.
G 13941	06.6	Spectrum composite; gF5 + A2.
B 2748	18.5	IS +5.6 ±0.8 9.
B 2797	28.5	Range +35 to -4.
ρ Leo	30.2	IS lines are double; -10.1 ±0.2 10; +15.1 +0.6 10.
G 14569	33.6	Lines are abnormally wide for the type.
B 2831	36.3	Range +30 to -15.
A 7873	37.6	Velocities of both components are probably variable.
B 2839	37.6	Lines are poor.

STAR	R.A. h m	
88° 60	10 37.8	-58, -28, +30, -36.
B 2841	38.6	Large difference, L-W; velocity probably variable.
45° 1857	40.5	-33, +3, -6, +5.
B 2855	40.5	-21, +3, +2, -30.
B 2857	41.1	Range +23 to -22.
C 1304	48.0	+32, +44, +42, +24.
B 2895	49.5	Large difference, V-W; velocity probably variable.
C 1318	51.0	+30, +20, +33, +39.
66° 703	11 07.9	This velocity was ascribed (MWC N° 387) to C 1359 = Lal. F 1822A= BD 66° 704. BD 66° 703 is Lal.F 1822 C. For velocity of C 1359 see MWC N° 726.
B 2797	13.4	-20, -21, -6, -35; lines are double on first plate.
G 15514	14.4	-54, -74, -54, -9, -82; lines are double on fourth plate; λ4077 is strong.
G 15790	28.3	Velocity probably variable; +83, +96, +83, +79.
G 16008	37.3	Velocity probably variable; +31, +15, +30, +30.
G 16227	48.7	-28, +30, +24, +24.
G 16259	50.7	+25, +4, +12, +1.
+0° 2858	52.5	+16, +4, -16, -4.
30° 2212	59.2	-56, +23, -13, -7; lines are double on all except third plate.
G 16640	12 08.8	-5, -16, -18, +2.
B 3192	13.5	+17, -15, -2, +11, +7.
G 16759	14.3	Velocity probably variable; +63, +46, +48, +53.
A 8506A	16.2	Velocity probably variable; +17, -1, +10, +14, +21.
B 3229	21.3	-17, -3, -12, -25, 0.
G 16907	21.6	+14, +42, +19, +17.
G 16295	22.4	Range +65 to +31.
G 17115	31.0	-12, +7, +14, -14.
B 3299	36.6	Large difference, V-W; velocity probably variable.
B 3327	44.1	Velocity probably variable; +54, +52, +69, +68, +52, +46.
G 18399	13 34.6	Large difference, D-W; velocity probably variable.
B 3539	40.0	Large difference, V-W; velocity probably variable.
G 18539	40.5	-28, -7, +10, +7.
17° 3918	41.8	IS -4.2 ±2.0 3.
G 18747	49.9	-22, -40, -43, -22, -63.
B 3609	57.4	0, -19, +3, +4.
G 18965	14 00.1	Hydrogen and metallic lines weak.
G 19088	06.2	Large difference, L-W; velocity probably variable.
G 19105	07.0	Velocity probably variable; -4, -1, -18, +6, -1.
G 19438	22.0	Velocity probably variable; -21, -30, -37, -21.
G 19512	26.0	+6, +25, +25, +15.
G 19572	28.2	Velocity probably variable; -2, +14, +7, +10.
34° 2559	43.2	Range +3 to -41.
A 9383A	44.6	Lines are poor.
B 3788	47.8	+27, -4, +6, -5, +4, +12.
B 3820	55.5	+11, -19, -29, -33.
B 3823	56.2	Velocity probably variable; range +2 to -20.
29° 2622	15 04.0	Velocity probably variable; -34, -20, -39, -29, -9.
A 9520A	06.9	+74, -55, +13, -33.
A 9527A	08.0	Velocity probably variable; -18, -12, -2, -19.
B 3870	09.8	Velocity is variable; lines are double on one plate.
G 20479	11.6	Velocity probably variable; +17, +7, 0, +1.
14° 4160	13.0	IS -10.8 ±1.2 4.
B 3902	18.2	Velocity probably variable; +5, -4, +25, 0, +2.
G 20843	28.0	-1, -9, +12, -24, -7.
A 9681A	28.8	-42, -38, -61, -20; lines are double on first two plates.
A 9681B	28.8	-34, +3, -12, -82.
G 20912	31.1	+44, +67, +41, +51.
A 9799A	47.4	-46, -54, +2, -49.
44° 2511	48.2	Velocity probably variable; -26, -14, 0, -21, -11, -4.
81° 530	48.5	-17, -6, -66, -26.
G 21307	49.0	-8, -42, -23, -34.
A 9816B	49.8	Velocity probably variable; -16, -6, -27.
B 4047	51.1	Velocity probably variable; -32, -26, -38, -20.
B 4043	52.1	+6, -19, +10, -22.
B 4051	53.4	-5, -19, -7, +3.
B 4059	55.4	Range +1 to -77.
C 2141	57.2	-21, +10, -2, -19.
δ Sco	57.4	IS -12.2 ±0.4 6.

STAR	R.A. h m	
29° 2758	16 00.9	Velocity probably variable; -17, -4, -2, -1.
B 4093	03.9	IS -15.0 ±2.7 5.
G 21781	09.3	Velocity probably variable; -23, -28, -42, -27.
14° 4389	14.5	-7, +5, +25, -17, +22; lines are double on second and third plates.
G 21958	17.1	+23, -27, -9.
G 21995	18.5	-25, -5, -10, -18.
A 10030A	20.8	-47, -31, -49, -41.
B 4176	21.0	Lines are double on one plate; large difference, V-W. Velocity is variable.
χ 0ph	24.1	IS -14.5 ±1.5 6.
A 10074B	26.3	IS -16.2 ±1.7 4.
G 22216	29.1	-19, -39, -21, -27.
B 4211	29.6	Lines are very poor, but velocity is probably variable.
τ Sco	32.8	IS -12.2 ±2.2 3.
G 22337	34.5	Velocity probably variable; -3, -16, -19, -19.
G 22404	37.2	-27, -30, -53, -38.
66° 969	39.1	-3, -36, -48, -7.
B 4263	42.0	λ4077 and λ4215 strong.
A 10194A	43.1	Lines abnormally wide, but velocity is probably variable; -39, -46, -58, -51.
G 22564	43.6	Large difference, D-W; velocity probably variable.
B 4261	43.8	Velocity probably variable; +15, +8, -7, +1, -3.
G 22629	46.6	Velocity probably variable; -101, -105, -91, -109.
B 4278	48.0	Lines are very poor.
B 4274	48.1	IS -8.9 ±2.1 2.
B 4288	50.5	IS -8.6 ±0.9 3.
29° 2915	57.6	+15, +14, -11, -13, +12.
B 4434	17 01.5	IS -2.5 ±0.8 2.
29° 2933	02.8	-21, -6, -2, 0.
15° 3141	13.2	Velocity probably variable; -8, -19, -25, -13.
15° 3149	14.8	Velocity probably variable; -30, -18, -8, -19.
14° 3215	14.8	-26, -52, -62, -29.
B 4411	20.1	Lines are fuzzy and appear double on two plates.
G 23542	21.9	-36, -16, -8, -31.
B 4430	25.4	Velocity probably variable; range -18 to 12.
59° 1283	29.4	Velocity probably variable; -22, -11, -7, -21.
G 23953	37.6	Velocity probably variable; -50, -37, -51, -54.
ι Her	38.0	IS -20.0 ±1.5 4.
G 23980	38.7	IS -22.2 ±1.6 2.
B 4484	39.6	Range -52 to -10.
-0° 3352	42.3	Lines are poor.
2° 4458	46.0	IS -13.5 ±1.0 2.
G 24347	51.8	IS -11.2 ±1.7 3; stellar lines are very poor.
B 4526	54.1	-22, -9, -26, -24, -9, +6.
B 4548	58.1	IS -14.2 ±0.3 6.
G 24515	58.4	IS -10.5 ±3.0 3.
A 10991A	59.4	IS -12.8 ±1.8 3; Lick records five plates but no velocities.
A 10991C	59.4	+17, +28, -49.
G 24637	18 02.8	-28, -25, +50, -41.
A 11045A	02.9	Plates are too poor to substantiate possible velocity variation.
B 4576	04.2	IS -12.2 ±2.2 3.
G 24713	05.6	IS -3.0 ±1.9 4.
B 4590	06.6	IS -22.4 ±0.5 4.
B 4594	07.1	Velocity probably variable; -30, -1, -29, -33, -17, -16.
A 11240AB	15.8	+34, +12, -1, +20; IS -16.4 ±2.4 3.
A 11240C	15.8	IS -12 ±3.7 3.
G 25052	18.9	Hydrogen strong.
Anon.	45.9	8″ distant from EZ Lyr.
G 25844	48.2	-5, +12, +37, +4.
G 25853	48.4	Range +77 to -131; lines are double on four plates.
44° 3003	50.0	-4, -73, +6, -21, -19.
B 4779	50.1	-35, -10, -12, -17, -26, -24.
C 2474	53.8	-25, -11, -54, -42.
G 26080	56.9	IS -4.8 ±1.5 2.
A 11977A	19 00.8	Velocity variable; lines are double on four plates.
A 11977B	00.8	+1, -18, -36, +12.
B 4856	02.8	-30, -26, -2, -24; lines are double on fourth plate.
B 4865	05.3	Range +18 to -60; lines appear double on several of the plates; IS -4.6 ±2.0 4.

STAR	R.A. h m	
C 2496	19 05.6	+25, -18, +16, +11.
G 26392	06.9	Large difference, V-W; velocity probably variable.
G 26397	07.2	-3, -4, +9, +18, +26.
G 26447	09.5	IS -11.7 ±0.7 3.
14° 3845	13.0	-27, -44, -32, -5.
G 26549	13.5	+7, +4, -4, -10.
A 12322B	17.7	+19, +36, -3, +24.
B 4965	24.0	Large difference, V-W; velocity probably variable.
G 26873	25.2	IS +0.3 ±0.8 6.
G 26968	29.3	Large difference, S-W; velocity probably variable.
G 27016	31.1	IS -8.1 ±0.6 3.
27° 3428	31.2	This star is identified as C 2551 in Cincinnati 18 with a proper motion of 0".190. Such a motion would be surprising for a giant star of the magnitude and type.
G 27042	32.3	Large difference, L-W; velocity probably variable.
G 27226	38.3	IS -9.9 ±1.1 5.
3° 4698	42.9	IS +3.1 ±2.3 2.
G 27407	46.0	Large difference, D-W; velocity probably variable; +7, -10, -1, -3.
B 5066	49.3	-38, -20, -19, -26.
A 13038A	49.7	+8, +14, -5.
B 5073	50.1	IS -5.8 ±1.0 3.
B 5121	56.2	+19, -44, +10.
29° 3844	58.6	IS -18.1 ±1.4 3.
G 27776	20 00.2	IS -6.0 ±0.8 3.
5° 4393	00.6	All plates with dispersion of 10 A/mm.
36° 3841	01.9	-42, +59, +49, +43, +12, +53; IS -9.0 ±1.7 5.
B 5150	02.6	IS-12.5 ±0.9 12.
35° 3949	03.8	IS -12.4 ±2.2 4.
G 28008	08.7	+21, +11, +6, +24.
G 28070	10.7	IS -20.2 ±1.0 2.
36° 3937	11.4	+63, -54, -4, +78, +52, -45.
66° 1276	12.2	-59, -53, -48, -39.
G 28207	15.5	-32, -31, -47, -22.
G 28303	18.8	IS -12.4 ± 1.3 9.
75° 739	23.8	Velocity probably variable; +17, +17, +5, +3.
B 5261	27.0	Velocity probably variable; +12, +6, -1, +16.
G 28546	28.9	IS -11.0 ±0.7 3.
G 28745	36.4	+17, +8, +29, -4, +5.
A 14158B	39.0	-46, -28, -20; lines are double on the first two plates.
G 28912	42.4	Velocity probably variable; -61, -72, -82, -70, -70.
A 14278A	44.4	Lines are double on one plate; velocity probably variable.
B 5339	45.4	+12, +17, +26, -6.
B 5361	47.2	IS -15.4 ±0.9 6.
B 5389	54.1	IS -15.8 ±0.7 4.
B 5392	54.8	Lines are double on two plates.
B 5405	56.9	Velocity probably variable; -26, +1, -6, -24, -16.
G 29350	59.2	Velocity probably variable; -19, -14, -1, -14.
σ Cyg	21 15.4	IS -6.9 ±1.3 6.
A 14839A	16.2	V from approximate orbit by R. E. Wilson; double-lined binary; P = 3.97 days; $K_1 = K_2$ = 65 km/sec.
B 5474	16.6	IS -14.2 ±0.6 8.
59° 2387	28.4	IS -12.7 ±2.3 4.
B 5548	32.7	Velocity probably variable; -14, -29, -42, -18, -8.
B 5563	36.6	IS -22.2 ±1.5 8.
B 5559	37.0	-51, -44, -23, -19, -16, -17.
B 5568	39.2	Velocity probably variable; -47, -34, -37.
μ Cep	42.0	+33, +19, +16.
G 30473	43.5	IS -15. ±3.2 2.
ν Cep	44.0	IS -22.2 ±2.0 2.
61° 2194	44.3	IS -22. ± 4.2 2.
B 5613	47.0	Velocity probably variable; +5, +15, -16, -6.
G 30566	47.6	IS -11.8 ±2.7 3.
A 15442A	52.9	-10, +13, -16, +16.
44° 3985	53.5	-9, -57, +12, -10, -18; two spectra suspected but not measured.
30° 4587	58.8	Lines are double on one plate.
30° 4591	22 00.6	Lines are double on one plate.
G 30849	01.0	+29, -21, -17, -3.
B 5687	03.6	IS -12.5 ±0.5 5.
B 5700	06.7	Lines are double on one plate.

STAR	R.A. h m	
G 31026	22 08.2	Large difference, D-W; velocity probably variable.
B 5716	08.8	Velocity probably variable; -11, -15, -3.
B 5715	10.1	-18, +6, +7, 0, -20, +40.
B 5717	10.8	Velocity probably variable; -6, -18, 0, -10.
15° 6174	13.3	-24, -29, -21, -4.
14° 4764	13.4	Velocity probably variable; -2, +2, +15, +4.
15° 4620	17.2	Lines are very poor.
A 15881B	20.3	-28, -20, -13, +29.
54° 2756	21.2	IS -3.±3.1 6.
B 5779	22.5	IS -17.6 ± 2.8 2.
51° 3372	23.8	IS - 3.6 ± 0.7 6.
53° 2882	24.5	Lines are poor but velocity is probably variable; +21, +3, -24, -19, +13, -18.
B 5804	27.4	Large difference, M-W; velocity probably variable; five late Coude plates give V = -0.6 ± 0.3; IS -12.8 ± 1.9 7.
B 5812	29.0	+1, +16, -6, +5.
B 5821	31.7	Announced binary, MWC N° 593.
A 16095A	33.6	IS -14.0 ± 1.3 7.
A 16095B	33.6	IS -14.0 ± 0.7 5.
A 16111AB	34.9	-14, -16, +7, -25.
G 31608	36.4	+14, -11, +19, -5, +10, +8.
B 5844	37.1	IS -13.6 ±0.6 4.
54° 2836	38.8	Velocity is variable; lines are double on two plates.
G 31739	42.3	Velocity probably variable; -49, -35, -47, -35.
B 5879	45.1	+9, +12, +24, +28, 0.
B 5918	54.9	IS -11.6 ± 0.5 5.
o And	59.6	IS -12.2 ± 0.2 3.
B 5946	23 02.7	-26, -30, -8, -30.
G 32430	15.3	Velocity probably variable: - 8, 0, -20, -11.
B 6050	29.1	+22, -2, -45, -20, -17.
G 32872	37.2	-6, -1, +13, +12.
B 6083	39.2	Velocity probably variable; -11, -6, +8, +1.
A 17022A	46.4	IS -32.3 ± 1.3 8.
A 17022B	46.4	IS -34. ± 3.4 2.
B 6128	50.1	Velocity probably variable; +20, +21, 0, +8, -3, -19, -9.
G 33149	51.3	IS -33.7 ± 1.7 5.
60° 2637	51.6	IS -29.8 ± 0.6 4.
G 33163	52.2	IS -25.3 ± 1.3 7.
47° 4331	54.8	Velocity probably variable; +21, -4, -16, +11, -1.
58° 2676	55.2	IS -17.0 ± 2.2 4.
G 33252	56.2	IS -14.5 ± 0.7 2.
σ Cas	56.5	IS -12.8 ± 2.8 4.
A 17140B	56.5	+5, -19, -9, +2; lines are double on first plate and suspected on the third.
59° 2813	59.1	IS -8.4 ± 0.4 3.

December, 1949.