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COMMUNICATION FROM THE OBSERVATORY AT LEIDEN.

New Southern Double Stars, eleventh list ¹⁾, by *W. H. van den Bos*.

B	C. P. D. [B. D.]	1900		θ	ρ	mag.	spec.	Remarks
		α	δ					
		^h	^m	[°]	["]			
1903	21 3	0 3'9	-21 46'	125	1'7	7.2, 12.2	Ko	
1904	38 8	4'6	37 52	75	0'5	8.3, 10.7	F5	
1905	21 7	8'2	21 11	110	3'1	7.3, 12.2	Fo	
1906	[18 40]	15'0	18 2	117	0'9	9.9, 10.8		
1907	72 31	16'1	72 32	44	5'0	8.7, 13.0	Ko	
1908	72 34	19'6	72 49	207	0'2	9.4, 9.5	F5	10' s of 47 Tuc
1909	21 30	23'3	20 53	119	0'2	7.2, 7.2	Go	
1910	[19 74]	27'0	18 46	214	0'2	8.0, 8.1	Ko	
1911	21 35	28'4	21 25	313	0'7	10.7, 11.6		
1912	74 48	31'8	74 26	58	3'9	9.1, 12.5	K5	
1913	64 109	1 0'1	64 41	150	0'3	9.8, 9.8	G5	
1914	38 96	3'6	38 49	334	1'2	9.3, 13.3	G5	
1915	73 80	24'1	73 16	302	3'1	9.0, 11.6	F2	
1916	74 110	31'4	74 13	151	1'0	8.9, 13.4	G5	
1917	74 153	59'2	74 49	163	1'4	9.9, 12.0		
1918	[18 417]	2 19'7	18 37	115	5'1	8.7, 9.8	Go	
1919	70 149	23'1	70 35	24	0'6	10.2, 10.4		
1920	21 239	25'4	21 20	227	0'4	9.9, 10.1	G5	
1921	70 165	31'8	70 11	196	0'6	9.4, 9.9	G5	
1922	21 259	35'1	21 40	250	1'5	10.9, 11.9		
1923	71 156	40'6	71 53	216	0'6	8.1, 8.9	G5	
1924	19 281	44'3	19 27	236	0'4	9.2, 11.0	Mb	
1925	53 480	44'8	53 31	185	4'1	9.5, 14.1	F5	
1926	[18 484]	45'7	17 58	170	0'2	10.5, 10.8	Go	
1927	[18 514]	56'9	18 7	245	0'7	9.3, 10.7		
1928	73 199	3 3'3	73 33	28	2'5	9.1, 14.0	Ko	
1929	[18 571]	11'2	18 44	226	1'4	8.2, 11.8	Ko	
1930	21 420	44'4	21 36	270	0'9	9.5, 12.5	G5	
1931	[18 678]	47'3	18 42	270	1'5	9.1, 14.0		
1932	72 270	52'7	72 19	87	0'3	9.8, 10.0	F8	
1933	70 267	53'5	70 28	303	2'0	10.2, 10.3	A5	
1934	21 513	4 11'8	21 27	52	0'3	10.0, 10.2		
1935	21 538	17'1	21 9	88	0'3	9.4, 10.4	G5	
1936	19 522	18'2	19 30	77	2'2	10.1, 12.0		
1937	[18 853]	25'8	18 0	190	0'2	9.5, 9.7	G5	
1938	[18 880]	32'3	18 34	283	0'2	9.6, 10.0		
1939	[18 883]	33'6	18 1	143	0'1	8.4, 8.6	Ko	

¹⁾ Previous lists: *B. A. N.* III, No. 107, p. 187; No. 111, p. 213; No. 114, p. 229; IV, No. 126, p. 45; No. 139, p. 109; No. 153, p. 235; No. 155, p. 255; V, No. 163, p. 17; No. 180, p. 125; No. 188, p. 179.

B	C. P. D. [B. D.]	1900		θ	ρ	mag.	spec.	Remarks
		α	δ					
1940	[18° 903]	4 ^h 38 ^m .4	-18° 9'	12° 2'0		9.6, 10.1	F2	
1941	19 676	52.4	19 22	306	0.6	9.7, 10.1	Go	
1942	62 406	59.1	62 25	179	2.2	8.9, 10.8	Go	
1943	[18 1035]	5 10.1	18 30	282	2.5	7.6, 11.5	Ko	
1944	19 804	20.7	19 28	76	2.7	7.0, 11.5	Ao	
1945	62 468	22.9	62 40	331	1.2	7.3, 9.2	F5	
1946	32 831	26.3	32 32	184	0.2	9.4, 9.6	A5	
1947	[18 1134]	31.7	18 45	152	3.0	8.6, 13.5	F5	
1948	[18 1141]	33.2	18 33	250	4.5	9.2, 10.7		
1949	[18 1166]	38.5	18 25	171	0.7	8.9, 9.4	Ao	
1950	21 932	40.6	21 33	232	0.3	9.7, 9.9	F5	
1951	21 946	42.4	21 4	276	0.3	8.6, 9.4	F5	
1952	[18 1187]	42.7	18 12	218	4.0	8.2, 15.0	B9	
1953	[18 1243]	52.5	18 37	243	3.0	10.1, 10.3	F8	
1954	35 798	58.1	35 3	229	0.2	8.0, 8.2	A2	
1955	64 528	6 17.1	64 34	125	2.2	8.8, 11.0	Ao	
1956	[18 1395]	17.6	18 49	129	4.0	9.2, 11.2	F5	
1957	21 1263	20.5	21 6	298	0.2	9.6, 9.8		
1958	21 1318	25.5	21 19	260	2.1	9.6, 14.2		
1959	19 1324	28.2	19 41	165	0.3	9.3, 9.5		
1960	21 1390	33.6	21 41	265	0.3	9.6, 9.8	F8	
1961	21 1412	36.2	21 18	13	0.5	8.2, 8.4	A3	
1962	58 748	37.5	58 45	192	0.5	8.2, 9.4	Fo	
1963	22 1400	37.9	22 21	9	1.3	7.7, 11.8	B5	
1964	[18 1529]	39.9	18 24	295	1.0	9.5, 10.0		
1965	[18 1550]	42.5	18 41	71	0.7	8.9, 10.4	Ko	
1966	[18 1608]	51.7	18 58	316	0.8	9.3, 11.3	G5	
1967	19 1912	7 10.2	19 49	179	2.2	7.3, 11.8	B3	
1968	[18 1758]	12.1	19 2	16	0.6	9.6, 9.9	Fo	
1969	[18 1767]	13.0	18 32	8	3.0	9.7, 9.7	B5	
1970	[18 1777]	14.3	18 48	230	0.7	9.6, 10.1	B9	
1971	19 2066	17.0	19 6	328	2.2	9.3, 9.4		
1972	19 2082	17.8	19 53	30	0.9	8.3, 10.3		
1973	[18 1817]	19.2	18 44	147	4.0	8.5, 12.0	Ao	
1974	21 2229	24.7	21 11	147	11.3	8.5, 11.0	B8	A, BC
				16	0.9	11.6, 12.0		BC
1975	21 2325	28.9	21 43	44	0.5	9.3, 9.5	Ao	
1976	70 673	40.1	70 13	247	1.2	9.8, 10.3	B9	
1977	[18 2110]	54.2	18 24	143	4.5	8.5, 14.5	B9	
1978	21 3270	8 7.4	21 27	77	1.4	8.2, 11.9	Ko	
1979	[18 2229]	9.1	18 33	8	0.2	8.9, 9.1	A2	
1980	21 3353	10.6	21 22	306	4.4	7.3, 13.4	Ko	
1981	74 491	12.3	74 12	14	0.2	9.5, 9.8	Ko	
1982	20 3570	13.5	20 7	161	0.3	9.6, 10.0		
1983	21 3418	14.2	21 37	69	1.8	9.6, 9.9		
1984	72 686	19.8	72 49	15	0.6	9.8, 10.8		
1985	35 2343	20.3	35 11	240	2.5	7.3, 14.3	A2	
1986	35 2790	36.8	35 43	4	0.2	9.0, 9.2	Ao	
1987	21 3863	38.7	21 28	301	1.5	10.4, 10.4		
1988	21 3895	40.5	21 7	198	0.5	10.1, 10.6	B9	
1989	21 4194	9 13.6	21 58	173	0.9	10.0, 10.3		
1990	71 806	15.1	71 45	22	0.3	8.5, 8.8	A3	
1991	70 909	29.2	70 50	185	0.6	9.8, 10.2		
1992	[18 2718]	29.3	18 33	26	0.8	10.0, 10.0	A5	
1993	[18 2720]	29.4	18 40	288	3.5	9.1, 12.1	K2	

B	C. P. D. [B. D.]	1900		θ	ρ	mag.	spec.	Remarks
		α	δ					
1994	71° 847	9 ^h 30 ^m 9	-72° 1'	218°	4".4	8.0, 14.5	B3	
1995	70 921	35.2	70 45	200	2.8	8.4, 11.5	K0	
1996	34 3700	37.5	34 24	351	0.3	9.9, 10.1	A5	
1997	71 872	44.6	71 19	333	5.0	7.8, 13.0	K2	
1998	21 4554	50.7	21 31	183	1.5	9.9, 12.2		
1999	71 908	10 3.8	72 1	194	1.2	8.6, 12.0	G5	
2000	19 4678	33.9	20 3	97	0.4	8.9, 9.8	A5	
2001	35 4320	36.3	35 13	63	0.7	6.6, 8.8	G5	
2002	35 4342	38.4	35 59	127	2.3	9.4, 13.0	K0	
2003	35 4433	44.7	35 41	13	2.0	9.5, 11.1		
2004	61 2064	11 1.4	61 18	325	0.2	9.4, 10.0	B5	
2005	70 1297	1.9	70 20	267	5.0	8.3, 11.9	A0	
2006	70 1304	3.2	70 17	12	0.2	7.8, 8.0	F2	
2007	[18 3113]	4.2	18 19	230	0.5	8.9, 11.5	K0	
2008	70 1324	5.8	70 36	338	0.2	9.2, 9.6	A0	
2009	73 819	9.4	73 29	123	0.3	9.6, 10.0	G5	
2010	34 4578	11.6	35 3	55	0.3	9.8, 10.1		
2011	73 851	21.7	73 26	130	0.5	9.7, 9.8	F0	
2012	61 3388	12 48.3	61 16	203	1.9	9.3, 10.6	A0	
2013	61 3401	53.2	61 45	46	0.3	9.4, 10.6	B8	
2014	[18 3543]	13 2.5	18 30	102	2.5	7.8, 10.3	K2	
2015	34 5543	4.8	34 15	217	0.2	9.0, 9.1	F0	
2016	32 3368	8.5	32 51	331	0.2	9.5, 9.6	A3	
2017	19 5411	20.0	19 53	254	1.1	8.3, 12.9	G5	
2018	45 6488	34.2	45 12	158	0.9	9.2, 9.8	F8	primary of <i>h</i> 4602
2019	34 5889	50.7	34 50	2	0.2	9.7, 9.8	A3	
2020	34 5909	54.5	34 48	152	1.4	9.3, 12.4	A0	
2021	55 6004	14 16.5	55 52	21	2.4	9.1, 12.2	G5	
2022	61 4649	30.5	61 24	161	1.2	7.9, 10.2	A3	
2023	55 6106	33.2	55 23	210	4.3	8.9, 14.2	A0	
2024	35 6371	42.4	35 25	139	0.1	7.6, 7.6	K0	primary of <i>h</i> 4702
2025	61 4749	45.6	61 57	274	0.2	8.9, 9.2	B9	
2026	61 4768	48.6	61 57	285	0.2	7.2, 7.6	B3	
2027	32 3765	53.0	32 8	344	0.2	9.8, 10.0	F5	
2028	73 1461	57.3	73 26	97	0.2	9.9, 10.0	F5	
2029	34 6315	57.5	34 58	157	3.1	9.4, 12.1	G5	
2030	36 6746	15 6.2	36 14	341	0.5	10.1, 10.7	F8	
2031	73 1499	6.4	73 18	185	0.2	9.5, 9.5	F0	
2032	61 4872	7.8	62 0	333	0.7	9.6, 10.2	A3	4875, 7.2 B9 is 2' <i>nf</i>
2033	72 1794	18.4	72 49	83	2.6	9.7, 10.6	F0	
2034	72 1810	22.1	72 15	286	1.2	9.1, 10.5	B8	
2035	70 2080	24.1	70 33	77	3.1	9.7, 13.5	A	2081, 9.7 A is 1' <i>nf</i>
2036	33 3881	25.0	33 29	167	0.1	7.7, 7.9	A2	primary of Howe 78
2037	73 1658	37.7	73 57	257	4.4	9.6, 11.9	A2	
2038	35 6610	40.7	35 12	15	0.3	6.9, 8.5	B9	primary of Δ 192
2039	70 2146	52.0	71 1	15	0.5	9.4, 11.4	A0	
2040	73 1718	16 11.4	73 17	150	2.6	9.1, 12.1		
2041	72 1946	16.0	72 51	58	0.3	8.0, 8.2	A0	
2042	62 5403	30.9	62 24	61	0.7	10.2, 11.6		
2043	32 4235	38.8	32 27	344	0.2	9.0, 9.3	A0	
2044	74 1602	57.9	74 16	312	1.2	8.6, 11.1	G5	
2045	71 2116	59.6	71 36	92	0.6	9.4, 9.9	A2	
2046	72 2047	17 4.3	72 26	297	3.3	8.2, 14.0	K2	
2047	73 1838	18.8	73 4	242	1.1	8.5, 11.5	K5	
2048	74 1650	31.8	74 56	165	2.8	9.2, 11.7	K2	

B	C. P. D. [B. D.]	1900 α δ		θ ρ	mag.	spec.	Remarks
2049	72° 2125	17 ^h 44 ^m 3	-72° 17'	34° 09"	8.7, 10.7	Fo	AB BC
2050	71 2259	58.4	71 7	60 0.8	10.0, 10.3	Ao	
2051	71 2272	18 2.6	71 2	47 0.2	9.9, 10.1		
2052*	71 2284	6.2	71 3	80 8.0	9.5, 11.2		
				88 2.0	11.2, 12.5		
2053	72 2290	29.4	72 19	94 0.3	9.1, 9.4	Go	
2054	72 2322	48.0	72 50	310 2.9	9.4, 14.0	A5	
2055	37 8600	19 45.0	37 45	130 0.2	9.9, 10.0	Go	
2056	38 8372	22 7.5	37 59	165 0.1	8.6, 8.6	A3	
2057	58 7976	31.3	58 22	71 0.4	9.1, 12.1	Fo	
2058	57 10118	34.5	57 37	170 0.4	9.7, 12.7	G5	
2059	57 10143	41.6	57 37	280 0.2	9.6, 9.7	Go	
2060	56 10185	23 51.4	56 2	30 1.3	7.8, 12.4	Fo	

The following list (like those given in *B. A. N.* 180 and 188, Vol. V, p. 133 and 183) contains wide or faint pairs noted during the searches. With a few exceptions these pairs have not yet been measured. The columns give respectively the identification in the *C. P. D.* (square brackets *B. D.* or *Cor. D.*), the magnitude in the Durchmusterung, the magnitude on the Harvard scale and the spectral type, the position for 1900, a rough description of angle and distance (mostly estimated), the magnitudes or difference of magnitude, remarks.

C. P. D.	mag.	Harv.	1900 α δ		θ ρ	m , Δm	Remarks
56° 10218	9.6	10.6	0 ^h 0.1	-56° 21'	5° 1"	10.0, 13.0	2' <i>sf</i> 21°128
56 20	8.1	8.0 G5	4.6	56 45	11 8	8.0, 10.5	
74 10	9.2	9.9 F5	5.6	74 12	149 0.5	0.4	
....			6.5	18 22	21 1.1	11.0, 11.8	
74 18	9.2	9.7 Go	11.4	74 34	190 5	0.5	
33 54	9.0	10.0	26.1	33 11	" 10	13.0	
73 33	9.8	10.4 G5	26.2	73 38	90 7	9.5, 13.0	
38 40	9.4	10.3	27.9	38 13	224 1	10.0, 10.5	
21 37	7.8	7.87 Fo	31.1	21 19	230 7	13.0	
[18 118]	9.4	10.4	39.5	17 48	109 1.4	10.5, 11.5	
19 89	9.0	10.0	44.7	19 13	<i>sf</i> 7	14.0	
[18 153]	9.1	9.8 Go	50.9	18 4	307 6.9	9.2, 10.8	
31 147	7.9	7.8 G5	1 9.0	31 39	" 10	12.0	
41 120	8.8	9.6 F8	9.6	41 13	<i>p</i> 8	10.0	
....			15.1	21 27	200 4	11.5, 12.0	
38 115	9.7	10.9	18.0	38 30	222 3	10.0, 15.0	
[18 232]	9.3	10.3	21.6	17 59	353 0.3	10.5, 10.7	
[18 243]	9.0	9.6 Go	25.6	18 5	97 5.7	9.2, 10.5	
19 162	7.9	8.0 G5	27.4	19 5	95 8	1.5	
72 106	9.8	10.6	32.4	72 49	0 2.0	10.7, 11.2	
40 164	7.6	7.8 F5	48.0	40 10	<i>nf</i> 7	13.0	
20 234	8.8	9.6 Go	59.0	20 22	10		
21 235	6.8	7.15 F5	2 24.7	21 29	310 10	15.0	
44 279	9.2	9.3 K5	25.0	44 34	<i>p</i> 8	13.0	
42 231	8.8	9.6 F5	25.0	42 19	<i>nf</i> 12	14.0	
....			29.1	73 42	65 2	12.0, 12.2	

C. P. D.	mag.	Harv.	1900		θ	ρ	$m, \Delta m$	Remarks
			α	δ				
72 ^o 190	8.0	7.9 Go	2 ^h 32.4 ^m	-72 ^o 53'	105 ^o 8"		13.0	
73 182	9.3	10.0	35.8	72 55	182	2	10.5, 10.8	
43 277	5.7	4.53 A2	36.0	43 19	<i>n</i>	25	14.0	
73 183	8.3	8.3 Go	36.5	73 7	261	7	9.0, 13.0	
53 473	9.0	9.4	40.6	53 22	270	8	2.0	
40 230	8.0	7.98 G5	41.8	40 8	37	7	15.0	
73 194	9.4	10.1	53.4	73 9	85	0.3	10.2, 10.4	
45 305	9.2	9.4 G5	3 0.4	45 50	<i>n</i>	10	14.0	
73 200	9.3	10.0	5.1	73 47	306	0.7	10.0, 12.0	
71 193	9.3	10.0 G5	8.8	71 5	170	0.5	0.3	
[26 1249]	10	...	16.9	26 41	218	6	10.5, 12.0	
26 358	9.4	10.4	17.6	26 38	<i>sp</i>	10	15.0	
31 394	8.0	8.0 Go	22.1	30 58	<i>sf</i>	10	15.0	
[18 621]	9.1	9.8 Go	26.0	18 13	166	25		AB BC
28 373	7.6	7.81 F5	26.5	28 16	<i>nf</i>	8	13.0, 14.0	
70 236	9.7	10.4	30.0	70 44	197	0.5	0.4	
[18 639]	8.2	8.4 G5	32.6	18 12	67	18	13.5	
56 569	8.6	9.4 F2	38.5	56 24	350	6	12.0	
56 572	9.4	10.4	41.0	56 47	40	1	3.0	
73 237	9.0	8.9 G5	43.6	73 38	273	8	9.0, 12.0	
54 601	9.4	10.4	47.6	54 19	55	0.4	0.3	
41 408	8.3	8.3 F8	52.4	41 22	<i>sp</i>	7	15.0	
45 392	8.7	8.77 G5	54.5	45 1	80	7	12.5	
73 250	9.6	10.1	4 7.5	73 32	4	5	9.5, 12.5	
42 417	8.8	9.1 F8	9.2	42 55	<i>n</i>	10	13.0	
52 505	8.8	9.8 A5	10.7	52 9	<i>nf</i>	7	12.0	
30 567	8.9	8.7 Ko	11.7	30 48	<i>sp</i>			AB BC
27 498	8.4	8.7 F8	14.8	26 59	253	12.4	9.1, 13.1	AC is <i>h</i> 3637
21 534	9.6	10.8	16.2	21 34	50	5	15.0	
21 545	10.2	11.6	19.0	21 52	310	5	11.0, 13.5	
23 519	9.8	11.1	20.4	23 19	<i>np</i>	5	1.0	
37 514	8.8	9.3 F5	21.1	37 3		8		
28 541	8.8	9.8	23.4	28 10	<i>nf</i>			AB BC
40 546	8.7	9.5 A2	37.3	40 37	<i>np</i>	3	12.0	
34 533	9.3	10.0 Go	42.9	34 19	<i>s</i>	30		AB BC
28 665	9.0	9.5	44.8	28 33	<i>nf</i>	3	13.0	
36 593	8.9	8.9 Ko	46.6	36 32	<i>n</i>	40		AB BC
19 679	9.2	9.8	53.1	19 15	<i>s</i>	5		AB BC
[18 973]	8.2	8.3 Ko	55.4	18 48	208	6	14.0	
19 696	9.2	9.8	55.6	19 0	<i>s</i>	120		AB BC
19 715	9.8	10.7	58.8	19 37	101	2.0	11.0, 11.5	
41 618	8.8	9.6 A2	5 0.0	41 52	240	6	13.0	
25 819	8.8	8.7 G5	4.8	25 38	<i>sf</i>	10	14.0	
62 427	9.4	9.7	7.1	62 20	33	4	0.5	
41 670	8.2	8.0 G5	13.0	41 11	<i>n</i>	12	13.0	
74 321	9.5	9.8	16.1	74 16	167	0.4	10.5, 10.7	
62 459	9.3	9.1 Ko	19.6	62 8	326	3	2.5	
23 807	8.7	9.2 A5	26.1	23 36	<i>p</i>	8	12.0	

C. P. D.	mag.	Harv.	α 1900	δ	θ	ρ	$m, \Delta m$	Remarks
[18 1110]	9.3	9.9	5 ^h 26.9	-18° 38'	288°	8"	1.5	
70 396	9.1	9.6 A	28.8	70 36	175	1	2.5	
23 871	8.6	8.8 Fo	38.6	23 35	<i>sf</i>	10	13.0	
33 928	8.6	8.8 F8	46.8	33 23	<i>sf</i>	60		AB BC
37 788	8.2	6.99 K5	47.1	37 39	<i>nf</i>	8	14.0	
[18 1235]	7.7	7.6 Ko	51.2	18 59	198	10	7.5, 14.5	
25 1181	8.8	9.4 A5	56.4	25 20	<i>np</i>	10	10.0	
27 1081	9.0	9.3	59.1	27 11	<i>sf</i>	6	12.0	
70 480	8.2	8.44 A3	6 2.3	70 1	337	9	8.5, 13.5	
[18 1309]	9.3	9.7	3.4	18 23	358	1.5	10.0, 10.5	
[18 1316]	6.4	6.17 Ao	4.9	18 7	357	17	6.5, 11.5	
26 1151	9.0	9.3	7.7	26 40	<i>np</i>	8	14.0	
27 1168	8.4	7.9 Ko	7.7	27 12	<i>n</i>	10	12.0	
21 1187	9.2	9.2	11.7	21 8	270	3	2.5	
27 1246	9.9	10.4	17.7	27 26		4		
21 1254	9.6	9.8	19.8	21 34	90	2	0.7	
21 1280	9.8	10.1	22.0	21 49	130	1	0.1	
21 1282	9.2	9.2	22.2	21 17	210	2.5	2.5	
21 1283	9.2	9.2	22.3	21 4	40	0.7	2.0	
19 1274	9.2	9.2	22.7	19 14	80	1.5	0.0	
27 1311	9.5	9.9	24.7	27 34		7		
[18 1439]	9.2	9.5 A3	25.2	18 52	22	3.5	10.5, 13.5	
19 1306	9.2	9.2	26.4	19 52	190	2	2.5	
64 566	9.2	9.6	27.3	64 3	12	0.7	1.0	
52 940	9.6	10.4	29.5	52 47		5		
21 1365	9.8	10.1	30.8	21 52	<i>np</i>	30		AB BC
27 1372	8.8	9.2 A3	31.0	27 12	<i>nf</i>	8	11.0, 12.0	
[18 1483]	9.4	9.8	32.1	18 23	168	5	13.0	
64 586	9.1	9.4	34.2	64 47	55	4.5	1.5	
[18 1495]	8.6	8.6 Ko	34.2	18 16	130	6	2.0	AB AC
21 1399	8.9	8.8 F5	34.6	21 12	179	12	2.5	
21 1431	9.6	9.8	34.6	21 12	190	8	13.0	
64 601	9.3	9.4	38.5	21 49	328	0.3	3.0	
19 1425	7.9	7.64 A3	39.1	64 21	108	9	0.1	
31 1320	8.5	8.9 A5	40.2	19 33	85	6	3.0	
19 1442	9.0	9.3 A2	41.8	31 24	<i>n</i>	6	13.5	
21 1486	9.0	8.9	42.1	19 5	272	9	13.0	
27 1471	9.0	8.9	43.3	21 23	140	7	2.0	
21 1510	8.1	8.6 Ko	43.9	27 29	<i>sp</i>	6	3.0	
31 1333	8.5	8.2 G5	45.3	21 4	<i>sf</i>	60	14.0	AB BC AC CD
70 562	8.8	8.9	45.9	31 9	300	1	12.0, 13.0	
21 1540	9.5	9.7	47.7	21 20	89	12.2		(B added by Jsp)
25 1704	8.4	7.5 K5	46.6	70 42	<i>n</i>	60	3	
38 1072	7.9	8.0 A2	47.7	21 20	258	6	10.0, 12.0	
19 1544	9.3	9.2	48.6	26 0	120	4	2.5	
47 1010	9.2	9.2 G5	49.0	38 30	255	8	14.0	
21 1588	8.6	8.7 B5	50.6	19 29	<i>p</i>	8	14.0	
26 1560	9.2	8.7 K5	51.4	47 35	318	1	0.3	
24 1788	8.4	8.7 Ao	51.8	21 23	299	3	9.5, 13.5	
			52.2	26 44	170	7	14.0	
			52.8	24 23	<i>f</i>	6	14.0	
					<i>sf</i>	8	12.0	

C. P. D. :	mag.	Harv.	1900		θ	ρ	$m, \Delta m$	Remarks
			α	δ				
[18° 1614]	9.1	9.2 A2	6 ^h 53 ^m 0	— 18° 13'	235° 13"		0.2	AB
19 1608	9.2	9.0	54.6	19 16	84	2	1.2	BC
20 1830	9.2	9.0	55.0	21 1	287	6	1.2	
21 1654	9.4	9.3	55.6	21 8	322	1	2.0	
24 1837	8.8	8.9 A0	56.1	24 9	20	1.5	1.5	
24 1843	9.0	8.4 G5	56.4	24 9	305	11.2	9.5, 10.5	
[33 3445]	10	....	59.4	33 2	<i>sp</i>	7	14.0	
52 1073	9.8	10.6	7 2.9	52 29		3		1' n of B 1527
37 1142	9.8	10.4	3.2	37 34	<i>sp</i>	7	0.8	
27 1742	7.5	7.0 B8	5.0	28 0	<i>sf</i>	6	13.0	
25 2012	6.2	5.76 B3	5.6	25 4	<i>sf</i>	6	12.0	
19 1858	8.4	8.2 A5	7.8	19 27	79	10	12.5	
21 1894	8.9	8.9 A0	9.3	21 11	64	7	0.0	
25 2122	7.8	7.44 B8	10.4	25 8	<i>sp</i>	8	11.0	
[18 1744]	9.1	9.2 A2	10.6	18 46	162	0.4	0.3	
25 2129	8.8	8.9 A	10.9	25 33	<i>sp</i>	8	13.0	
28 1868	8.9	8.5	13.4	28 33		6		
24 2224	8.4	8.3 A0	14.6	24 28	<i>sf</i>	7	12.0	
24 2242	9.0	8.7	14.9	24 28	<i>sf</i>	6	13.0	
24 2264	8.6	8.6 B9	15.7	24 49	<i>sp</i>	6	15.0	
24 2359	8.8	8.33 K2	19.3	24 46	<i>np</i>	10	12.0	
25 2312	9.0	8.7	19.9	25 42	<i>np</i>	6	10.0	
23 2180	8.7	8.5 A5	20.8	23 38	<i>f</i>	10		
29 1689	9.4	9.5	20.9	29 48		5		
40 1490	9.1	8.8 G0	24.4	40 49		5		
26 2162	9.0	8.7	24.5	26 14		8		
24 2504	8.2	8.0 B8	26.8	24 27	<i>p</i>	10	13.0	
25 2467	9.8	9.9	27.6	25 6	<i>n</i>	5	10.0, 11.0	
28 2161	7.8	7.6 B3	29.0	28 7		8		
29 1825	8.5	8.6 B8	29.8	29 4	<i>nf</i>	30		AB BC
41 1501	8.9	9.1 A0	30.8	41 35	<i>n</i>	10	12.0	
26 2271	8.7	8.7 A0	30.9	27 1		6		
70 662	9.6	10.5	34.1	71 2	290	0.8	10.5, 11.0	
52 1242	6.5	6.22 A0	36.6	53 3	230	15	14.0	
41 1612	8.6	8.4 F0	40.0	41 48	<i>sf</i>	7	13.0	
24 2818	8.8	8.9 B9	40.7	24 46	<i>n</i>	10	15.0	
23 2851	8.8	9.1 A3	41.5	23 21	<i>n</i>	6	14.0	
21 2736	8.5	8.1 G0	42.0	21 21		7		
21 2740	10.5	11.1	42.2	21 47		1		21°2739 is 1' n
27 2408	8.6	8.5 A2	42.4	27 4	<i>n</i>	30		AB BC AB BC
19 2694	9.8	10.2	44.0	19 7	200	3		
24 2913	9.0	8.7 F8	44.3	24 15	200	1.5	12.5, 12.5	
19 2736	10.4	10.9	45.8	19 31	334	6	14.0	
19 2740	8.9	9.2 A5	45.9	19 19		3		19°2734, 9.2 A0 is 2' np
27 2584	9.0	9.2 A0	51.4	27 12	350	6	13.0	
21 3013	8.6	8.8 A5	55.2	21 41	340	6	12.0	
26 2891	8.8	8.6 F0	56.5	26 33		6		
21 3098	9.0	8.9 G0	59.2	21 56	220	8	1.5	AB AC CD
41 2064	8.6	8.8 A5	8 0.8	42 2	<i>s</i>	60	12.0, 13.0	
					<i>p</i>	8	13.0	

C. P. D.	mag.	Harv.	α 1900	δ	θ	ρ	$m, \Delta m$	Remarks
19° 3072	8.3	8.4 B9	8 ^h 0 ^m 8	-19° 7'	60°	10"	3.0	
[18 2167]	9.0	9.2 F5	1.7	18 46	92	10	1.0	
21 3155	8.8	9.2 A0	2.4	21 23	180	8	13.5	
21 3157	8.3	8.0 F5	2.4	21 21	150	10	13.5	
21 3163	9.6	9.9	2.7	21 21	270	2	2.5	
74 482	9.7	10.4	4.2	74 30	95	5	10.2, 10.5	
38 2028	8.5	7.23 B9	7.4	38 46	160	6	14.0	
70 728	9.3	9.4	8.4	70 35	245	1	1.5	
24 3526	9.2	9.0	13.5	25 4	<i>np</i>	7	15.0	
25 3580	9.0	9.1 A2	19.2	25 45	80	7	13.0	
21 3520	9.0	9.0	19.3	21 18	270	6	2.0	
[18 2341]	9.1	9.3	22.2	18 50	310	5	10.0, 10.2	
28 3166	8.9	8.9 A2	23.1	28 25	7	7		
[18 2364]	8.0	7.66 B8	25.0	18 25	265	8	8.3, 13.8	
26 3512	9.0	8.9	31.1	26 38	<i>sf</i>	7	12.0	
21 3748	9.6	10.5	31.6	21 50	0	1	0.3	
21 3753	8.8	9.3	31.9	21 38	85	8	13.0	
26 3537	8.9	9.2 A0	33.8	26 46	<i>np</i>	8	12.0	
21 3783	8.4	8.8 F5	33.8	21 50	140	10	3.0	
27 3354	8.9	8.8 F5	37.2	27 48	7	7		
23 4048	8.8	9.3	37.2	23 57	<i>nf</i>	7	12.0	
74 529	9.7	10.3	37.6	74 13	302	3.5	10.0, 14.0	
71 728	8.6	7.8 K0	40.2	71 56	140	5	9.0, 10.5	
28 3371	9.0	9.3 A2	40.2	28 10	<i>nf</i>	7	15.0	
71 740	10.0	9.6	43.9	71 6	266	4	10.0, 14.0	
21 3952	9.5	10.4	45.3	21 33	86	2	13.0	
25 3908	8.6	7.6 K5	47.3	25 50	<i>n</i>	10	15.0	
71 756	9.6	9.2 K2	50.0	71 6	33	4	10.0, 10.3	
35 3009	8.1	7.1 K0	50.9	35 40	165	10	14.5	
74 547	9.1	9.4	53.6	74 24	295	8	9.5, 13.0	
23 4253	7.8	8.0 F2	55.3	23 51	6	10	15.0	
38 2938	8.7	7.9 K0	9 0.0	38 24	10	10	12.0	
41 3340	8.9	8.4 G5	2.8	41 36	140	7	12.0	
71 783	9.0	8.6	3.6	71 59	207	9	9.5, 12.0	
35 3237	9.0	8.8 G5	6.4	35 30	146	7	13.5	
49 2269	9.0	8.6 K0	9.7	49 29	<i>np</i>	7	13.0	
26 3906	8.0	7.6 K0	11.6	26 47	<i>np</i>	10	12.0	
71 801	9.1	9.0	12.0	71 44	136	0.8	10.5, 11.0	
24 4073	8.8	9.0 G5	12.1	24 53	<i>sp</i>	7	14.0	
34 3374	9.8	10.3	12.2	34 38	252	4	10.5, 12.5	
27 3725	9.0	10.1 A0	13.3	27 56	<i>np</i>	7	11.0	
23 4394	8.6	9.1	14.3	23 44	67	8	10.0	
38 3207	8.3	7.6 K0	15.0	39 1	6	6		
50 2261	9.2	8.7 K2	17.3	50 17	<i>sp</i>	60		
						2		
28 3713	8.4	8.9 F2	18.6	28 18	<i>np</i>	12	13.0	
38 3297	9.3	9.2 K0	20.4	38 24	<i>np</i>	5	13.0	
21 4304	8.8	9.4	21.8	21 27	55	10	9.0, 12.5	
70 889	9.2	9.5	23.3	70 48	352	3	3.0	
21 4327	8.8	9.4	23.8	21 41	308	8	10.0, 12.0	
43 3722	8.1	7.6 F8	25.0	43 22	<i>sf</i>	10	13.5	
49 2501	8.8	9.1 A2	26.1	49 53	<i>nf</i>	10	13.0	
27 3789	8.8	8.7 K2	26.9	27 42	<i>sp</i>	10	14.0	
72 825	9.5	10.0	27.7	72 31	40	3.5	10.0, 11.5	
55 2244	8.6	8.72 G5	27.8	55 12	98	9	9.0, 12.0	

AB
BC

C. P. D.	mag.	Harv.	α	δ	θ	ρ	$m, \Delta m$	Remarks
			$^{\circ}$	$^{\circ}$	$^{\circ}$	$''$		
23 4579	7.7	8.3 A0	9 28.5	-23 22	p	8	11.0	
19 4260	10.2	11.1	29.5	19 23	170	0.6	0.3	
24 4133	8.2	8.1 G5	30.2	24 42	nf	10	11.0	
38 3474	8.8	8.3 K2	31.3	38 27	250	6	13.0	
71 851	9.3	9.7	32.7	71 57	52	8	10.0, 11.5	
35 3699	8.1	7.33 F8	37.0	35 35	88	11	13.0	
28 3808	8.6	9.2 A5	37.2	28 55	np	8	13.0	
71 860	9.4	9.8	37.9	71 18	227	7	10.5, 11.0	
42 3964	8.9	8.2 K2	38.1	42 54	np	6	14.0	
42 3983	9.2	9.3	39.6	42 52	np	7	12.5	
26 4034	8.4	8.9 A3	39.7	26 12	sp	10	14.0	
38 3591	10.2	10.7	40.3	38 23	322	2.0	11.3, 11.6	
27 3855	7.5	7.02 F0	40.3	27 10	p	15	12.0	
71 864	8.8	9.4 B9	40.4	71 44	122	10	9.0, 12.0	
49 2746	8.5	7.9 G5	41.2	49 33	np	6	13.0	
24 4194	7.8	8.0 A2	43.7	24 45	np	8	15.0	
24 4197	8.9	8.7 K0	44.6	24 53	155	10.5	9.3, 11.0	
39 3969	9.0	9.0	47.6	39 56	p	10	15.0	
23 4744	8.2	7.7 K0	48.6	23 13	sf	10	14.0	
....			51.7	53 30	80	6	11.0, 12.0	near LPI 23
53 3033	10.4	10.9	51.9	53 33	262	3	11.0, 13.0	near LPI 23
25 4310	8.8	9.3 F0	51.9	25 20	sp	10	12.0	
31 2932	10.0	10.8	56.4	31 11	282	2.0	10.7, 12.3	NGC 3100 is $1\frac{1}{2}' p$
71 895	7.4	7.4 B8	56.6	71 35	195	8	7.5, 12.5	
25 4375	8.7	9.25 K0	10 0.9	25 12	n	10	13.0	
70 968	8.6	8.0 K2	5.8	70 48	335	8	13.0	
48 3047	9.0	9.0	7.3	48 8		9	15.0	
50 3126	8.9	8.3 K0	7.4	50 48	p	6	13.0	
50 3161	8.8	8.8 F5	8.7	50 53	n	6	13.0	
43 4511	8.5	8.5 F5	10.5	43 8	sp	6	13.0	
28 4089	7.9	8.0 F0	14.5	28 28	f	8	12.0	
49 3323	8.5	7.3 K5	14.7	49 25	f	10	14.0	
62 1521	9.6	9.9	15.6	62 49	23	2	0.0	
23 4912	8.8	8.9 G0	18.0	23 16	nf	8	15.0	
42 4563	9.9	10.6	18.4	42 16		6	14.0	AB
						9	13.5	AC
26 4333	7.9	8.2 F2	20.1	26 46	np	8	13.0	
26 4340	8.8	9.8 A3	22.0	26 38	np	7	12.0	
36 4349	9.0	9.3	23.5	37 5	20	6	14.0	
62 1610	9.6	9.6	26.4	63 2	145	3	0.5	
42 4679	8.2	8.6 B9	26.7	42 12	s	30		AB
						2		BC
....			27.8	73 59	40	4	11.0, 11.5	73°745 is $\frac{1}{2}' np$
62 1621	8.4	8.5 A5	28.0	62 27	318	8	3.0	
26 4352	9.0	9.7	28.6	26 28	nf	6	15.0	
36 4441	9.0	9.0 G5	31.7	37 6	s	120		AB
						2		BC
34 4217	9.1	9.4	32.9	34 57	67	0.3	10.5, 10.5	
62 1677	9.6	9.6	34.2	62 47	77	1	2.0	AB
					sf	30		AC
					166	3	12.0, 13.0	CD
					f	60		AE
					36	3	12.0, 14.0	EF
31 3085	10.1	10.8	34.2	31 10		4		31°3084, 8.7 G5 is $3' s$
50 3617	8.8	9.2 F0	35.5	50 36	f	10	13.0	

C. P. D.	mag.	Harv.	1900		θ	ρ	$m, \Delta m$	Remarks*
			α	δ				
25° 4630	8.4	8.3 Ko	10 ^h 38 ^m .4	-25° 21'	sp°	"		AB BC
62 1739	8.8	9.1 Ao	41.7	62 13	244	9	2.5	
62 1741	9.8	10.1	41.8	62 14	255	2	11.0, 13.0	
34 4353	8.6	8.8	46.9	34 52	105	6	15.0	
39 4735	10.0	10.5	48.1	39 53	20	1.5	1.0	39°4737, 7.9 K5 is 5' <i>sf</i>
26 4408	7.5	7.30 B9	49.2	26 13	<i>s</i>	15	13.0	
34 4375	9.2	9.7	49.6	34 46	117	0.3	10.5, 10.5	
70 1245	8.6	8.8 Fo	50.2	71 1	18	7	14.0	
34 4429	9.2	9.7	55.1	34 52	205	5	10.0, 15.0	
50 3890	8.4	7.82 G5	58.8	50 27	<i>np</i>	7	13.0	
53 4311	8.9	9.2 B8	59.3	53 24	225	4.7	10.2, 13.2	BC AB is LPl 32
73 799	9.3	9.1 K5	11 1.6	73 32	100	4	13.5	
23 5056	8.2	7.8 Ko	2.1	23 37	<i>sf</i>	10	14.0	
70 1305	5.8	5.80 B3	3.2	70 20	140	15	14.0	
60 2593	8.9	8.2 Ko	6.4	60 23	<i>n</i>	6		two other companions north
61 2090	9.4	10.1 Ao	6.8	61 38	68	0.4	10.5, 10.8	
61 2100	10.0	10.4	7.7	61 16	104	3	11.0, 12.0	AB
					119	3	12.0, 13.0	BC
70 1339	9.6	(9.0) var.	8.4	70 53	10	3	13.0	AB AC is h 4416. Dawson
27 4317	7.9	6.73 Ko	15.4	27 47	<i>p</i>	15	15.0	[finds A variable.]
24 4646	9.6	10.5	16.6	24 14	114	0.5	1.2	
23 5110	8.0	7.7 G5	16.9	23 38	<i>nf</i>	10	13.0	
59 3387	9.4	9.6	17.3	59 25	15	3.9	9.9, 12.0	in field with h 4429
39 5068	8.8	8.9 Fo	20.4	39 11	10	7	2.0	
....			20.7	74 2	212	3	11.0, 12.0	73°847, 9.8 Ao is 1' <i>s</i>
70 1379	9.2	9.2	22.6	70 54	229	3	1.5	
60 3022	10.0	10.4	27.5	61 1	341	4.7	10.6, 12.5	
70 1391	9.6	9.8	28.1	70 49	28	5	0.5	
28 4324	10.0	10.4 K5	34.3	28 47	<i>sf</i>	7	13.0	
35 4924	9.6	9.9	35.2	35 37	136	1	3.5	
73 879	9.6	10.3	37.5	73 19	125	2	2.0	
24 4727	9.6	10.1 Ko	42.4	24 17	<i>n</i>	120		AB
						2	11.0, 12.0	BC
25 4823	8.7	9.6 A2	43.2	25 59	<i>s</i>	120		AB
						3		BC
26 4599	9.0	8.8 Mb	44.8	27 2	<i>np</i>	7	14.0	
36 5200	7.8	7.53 Ao	46.2	36 23	<i>sp</i>	8	10.0	
26 4618	8.8	8.5 Ma	48.5	26 17	<i>np</i>	6	14.0	
41 5638	9.5	10.3	50.5	41 46	<i>p</i>	8	13.0	
26 4621	9.0	9.2 Ko	50.8	26 54	<i>nf</i>	8	14.0	
24 4767	8.8	9.8 A3	56.7	24 30	<i>np</i>	60		AB
						3	13.0, 14.0	BC
[18 3304]	9.4	10.2 G5	57.8	18 35	289	3	9.5, 9.7	
[18 3305]	9.2	9.8 A3	57.9	18 40	260	2.5	9.5, 11.5	
73 929	9.6	10.3	12 0.0	74 5	147	2	0.0	
40 5581	9.3	10.0	8.9	40 22	136	2.8	0.9	
61 3375	9.5	9.0 G5	44.2	61 54	269	5.0	9.6, 11.0	
[32 9000]	9.9	....	47.9	32 17	95	2.0	11.0, 12.5	
45 6096	9.2	9.7	48.9	45 35	340	2	3.0	
61 3427	9.7	9.8	56.6	61 42	40	6	10.0, 11.5	
61 3524	9.0	9.3 B9	13 8.4	61 30	45	6	10.0, 13.0	
61 3586	9.2	9.8 Bo	12.5	61 22	170	6	10.0, 11.5	
61 3608	8.6	8.9 Bo	13.7	61 29	180	8	8.5, 12.0	
61 3615	8.6	8.6 A3	14.3	61 29	150	8	9.0, 13.0	

C. P. D.	mag.	Harv.	1900 δ		θ	ρ	$m, \Delta m$	Remarks
			α	δ				
34 5619	9.4	9.8	13 ^h 17 ^m 0	— 34 41'	5°	0.3"	0.2	
61 3704	9.0	10.0 B8	20.8	61 21	297	8	10.0, 14.0	
34 5676	9.4	9.3 Ko	24.6	34 39	2	6	3.0	
45 6471	9.4	10.0	31.8	45 25	19	2	2.5	45°6470, 8.4 K5 is 3' <i>np</i>
34 6036	8.5	8.8 Ao	14 9.3	34 40	206	8	1.2	
34 6089	9.4	9.7 F8	21.6	34 39	150	1	2.0	
73 1407	9.3	9.9	49.2	73 46	325	5	1.0	
73 1455	9.4	10.0	56.2	73 27	194	5	0.5	
34 6311	9.2	9.9 A2	57.0	34 25	145	5	14.0	
73 1548	8.8	9.1 F8	15 14.4	73 42	164	6	2.2	
72 1833	9.0	9.4	27.7	72 51	90	8	0.3	
70 2097	9.3	9.7	28.3	70 35	240	5	11.0, 12.0	
73 1626	8.2	8.2	29.3	73 9	0	6	3.0	73°1625, 5.76 B8 is 2' <i>np</i>
....			41.0	70 50	220	4	11.0, 11.7	70°2126, 9.0 Ao is 1' <i>sf</i>
73 1671	9.1	9.1 F8	41.7	73 36	33	4	0.0	
70 2143	8.6	8.4 A2	48.9	70 49	240	8	8.0, 14.0	
33 3958	10.0	10.8	54.0	33 50	4	3.5	11.0, 11.4	
....			59.5	32 26	222	4	11.0, 13.5	32°4076, 8.7 G5 is 2' <i>np</i>
74 1543	9.2	9.3	16 14.1	74 55	68	4	10.0, 13.0	
70 2214	9.0	9.7 Ao	14.2	70 43	28	8	10.0, 13.5	
33 4062	9.9	10.6	28.3	33 25	14	1.2	10.5, 10.7	B 1321 is closely <i>sf</i>
71 2065	7.8	7.3 Go	34.0	71 39	82	14	7.5, 14.5	
71 2070	9.0	9.6 A5	35.2	71 7	177	8	10.0, 12.5	
70 2310	9.2	9.2 G5	39.3	70 59	175	8	9.5, 11.0	
73 1765	9.1	9.2	41.2	73 25	203	4	10.5, 11.0	
73 1772	9.4	9.7	44.3	73 30	164	1.5	11.0, 11.0	
71 2091	9.2	9.5	44.6	71 20	195	6	10.0, 12.5	AB
					130	6	12.5, 13.0	BC
71 2125	9.6	10.3	17 4.5	71 39	294	1.2	9.5, 13.0	
73 1815	9.1	9.2	6.4	73 18	40	3.5	9.5, 14.0	
73 1819	9.5	9.9	8.2	73 23	350	5	10.0, 13.0	73°1820, 9.6 is 30" <i>n</i>
71 2139	9.6	10.3	14.2	71 8	40	5	10.2, 11.0	
71 2152	9.4	10.0	18.8	71 2	129	1.2	9.5, 9.7	
74 1634	9.1	9.2	21.4	74 9	53	4	10.0, 13.5	
71 2157	9.2	9.7	24.1	71 20	331	0.6	9.5, 11.0	
72 2131	9.1	9.6	45.3	72 14	208	0.6	0.5	
72 2166	7.8	8.1 A3	52.4	72 57	15	8	3.0	
71 2248	9.6	10.4	54.0	71 15	140	1.5	11.0, 11.3	
71 2317	8.9	9.3	18 18.8	71 51	282	10	9.5, 12.0	
72 2305	8.6	9.0 A5	37.9	72 47	85	8	13.5	
....			57.3	70 13	130	2.5	10.0, 11.0	
70 2603	9.6	10.3	19 3.0	70 47	213	7	9.0, 11.0	
37 8485	9.6	10.0	5.1	37 27	232	0.6	2.5	
[37 13359]	10	....	41.9	37 20	160	3	11.0, 13.0	
58 7788	6.2	3.72 Ko	20 47.0	58 50	100	15	4.5, 12.0	
38 8147	9.4	10.2	51.3	38 8	228	3	10.0, 14.5	
38 8157	9.0	9.6 F8	52.8	38 43	312	9	9.5, 13.5	
74 1980	9.4	9.9	21 11.3	74 45	171	0.3	10.0, 10.2	
38 8250	9.2	9.3 K5	20.1	38 27	326	7	9.0, 13.5	
38 8272	9.2	10.4 A5	27.7	38 33	127	1	9.5, 14.0	
58 7877	8.4	8.0 Ko	33.9	58 11	232	7	7.5, 13.0	
74 2023	9.6	10.0 Ko	50.8	74 36	0	2	9.5, 14.0	
57 10012	9.4	10.2	55.3	57 46	219	7	10.0, 12.0	
27 7368	9.6	10.1 G5	57.2	27 21	103	2.5	0.5	near Cor 248
58 7935	9.8	10.9	22 9.1	58 30	148	1.5	11.0, 11.2	

C. P. D.	mag.	Harv.	1900		θ	ρ	$m, \Delta m$	Remarks
			α	δ				
57 10117	9.2	10.2	22 ^h 34 ^m 1	57° 6'	202°	0.2	10.5, 10.7	
58 7998	9.2	10.0	40.0	58 51	120	2	9.5, 14.0	
38 8453	9.4	9.7 K0	47.5	38 22	266	3	10.0, 15.0	
38 8454	9.6	10.5	47.6	38 31	177	3	10.5, 11.0	
57 10172	8.6	9.4 F2	54.0	57 12	151	7	8.5, 11.5	AB
					295	15	11.8	AC
					156	18	12.0	AD
56 10015	9.2	10.1	23 5.3	56 29	340	0.3	10.0, 10.4	

ERRATA.

B. A. N. 237. Page 244, first column: in formula (14) for: λ read λ_2

„ 244, „ „ : line 22 „ : $\sin \theta_1$ „ $\sin \varphi_1$

240. „ 300, diagram *g*: The point with coordinates (counted from lower left hand corner)
 $x = 2.4$ cm, $y = 0.9$ cm is not a star, but the smudged letter **e**.