

PROPER MOTION SURVEY  
WITH THE  
48-INCH SCHMIDT TELESCOPE

XXX. PROPER MOTIONS  
FOR 1357 FAINT STARS

by WILLEM J. LUYTEN

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UNIVERSITY OF MINNESOTA  
MINNEAPOLIS, MINNESOTA

PROPER MOTION SURVEY  
WITH THE  
FORTY-EIGHT INCH SCHMIDT TELESCOPE  
XXX PROPER MOTIONS FOR 1,357 FAINT STARS

by Willem J. Luyten

In December 1971 a contract was received from the National Aeronautics and Space Administration for the further operation of the automated-computerized plate scanner and measuring machine built by Control Data Corporation under NASA contract NSR 24-005-062. To-date more than 80 plates have been scanned and processed and some 40,000 proper motion stars found. Eventually the data for these stars will be made available on magnetic tape and punched cards - including positions to  $1^S$  and  $0.1$  - while the data for all those with motions larger than  $0.2$  annually will, I hope, be published in catalogue form.

Meanwhile data for the more interesting objects - the larger motions, the white dwarfs, and double stars - will be published as soon as they become available. The present list gives data for the first 1,357 such stars.

In addition to the data provided by the machine I have personally verified the motions of these stars in my hand-blink machine and have estimated the photographic magnitudes and the approximate colors on the Palomar Survey plates. It should be emphasized that these photographic magnitudes were estimated entirely independently of, and without knowledge of the machine-determined red magnitudes. On each plate therefore, the red, and photographic magnitudes will undoubtedly require separate and different systematic corrections but I hope that the estimated colors are reasonably reliable. In order to judge the accuracy of the machine-measured motions previously known data - mainly from the Bruce Proper Motion Survey - are given for 268 stars; the motions for the remaining stars are, I believe, new.

The actual scanning of the plates was done largely by Mary Evenson, and Teresa Mohr, the processing with the University's CDC 6600 computer was done by Paul Higgins and Louis Hill, while all the operations were under constant scrutiny - which included instant repairs and return of the machine to full efficiency - by Anton La Bonte and Robert Willey of Control Data Corporation. The manuscript was typed by Mary Shurr while funds for this publication were provided by the Hill Family Foundation.

Minneapolis, Minnesota  
15 March 1972

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
726- 1	8 <sup>h</sup> 40.7 <sup>m</sup> -13° 36'	16.3	16.8	g	0.25	265°	
726- 2	40.8 -14 40	18.4	21.+	m	0.26	166	
726- 3	41.2 -11 46	17.2	18.6	m	0.24	150	
726- 4	41.6 -11 18	16.4	18.5	m	0.32	322	
726- 5	41.8 -13 22	14.0	16.0	m	0.22	289	
726- 6	41.9 -10 13	14.0	15.8	m	0.61	148	
726- 7	44.2 -10 13	15.5	16.7	m	0.29	286	
-12: 2669*	44.3 -13 10	10.8	11.3	g-k	0.35	247	LTT 3236, 0.37, 247°.
726- 9	44.4 -11 08	17.3	19.3	m	0.23	131	
726- 10	45.6 -12 20	16.8	17.8	k	0.23	129	
726- 11	46.2 -13 42	12.7	14.6	m	0.32	270	
726- 12*	46.2 -13 42	13.5	15.8	m	0.32	270	Ft. comp. to 11, AB 90°, 8".
726- 13*	46.3 -13 43	15.7	17.5	m	0.32	270	Ft. comp. to 11, AC 142°, 72".
726- 14	48.5 -12 20	14.9	16.4	m	0.26	178	
726- 15	49.7 -10 33	16.4	17.7	k-m	0.25	214	
726- 16	49.7 -12 58	14.3	15.9	m	0.30	157	
726- 17	50.2 -11 21	16.0	17.6	k-m	0.25	160	
726- 18*	51.7 -12 56	12.0	13.9	m	0.63	148	L 820-19, 0.62, 144°.
726- 19*	51.7 -12 56	12.5	14.5	m	0.63	148	Ft. comp. to 18, 75°, 2".
726- 20*	51.7 -14 28	13.8	15.4	m	0.20	136	Comp. to 21, 354°, 138".
726- 21	51.7 -14 30	13.7	15.4	m	0.20	136	
726- 22	51.8 -10 16	18.7	21.2	m	0.46	145	
726- 23	53.6 -10 34	18.7	21.0	m	0.24	146	
726- 24	54.2 -14 45	17.5	19.0	m	0.28	140	
-13: 2728*	56.0 -14 10	9.0	9.8	k	0.24	178	LTT 3313, 0.23, 182°.
726- 26*	56.0 -14 10	15.8	17.1	k-m	0.24	178	Ft. comp. to -13:2728, 303°, 29".
726- 27	56.3 -14 00	15.9	16.7	m	0.23	136	
726- 28	56.6 - 9 33	15.8	17.3	m	0.24	108	
726- 29*	56.9 -12 22	12.3	14.5	k	0.26	172	L 820-15, 0.27, 165°.
726- 30*	56.9 -12 22	14.8	16.3	m	0.26	172	Ft. comp. to 29, 17°, 5".
726- 31	57.3 -12 49	15.8	17.5	m	0.40	150	
726- 32	58.2 - 9 53	15.6	16.6	m	0.33	201	
-14: 2728*	59.0 -14 28	10.4	11.5	g	0.35	156	LTT 3334, 0.37, 150°.
726- 34	59.4 -14 05	17.6	19.5	m	0.21	158	
726- 35	59.6 -11 13	15.8	17.6	m	0.23	174	
726- 36	9 00.1 -10 23	14.6	15.9	k-m	0.25	219	
726- 37	02.3 -12 07	15.5	17.7	m	0.68	172	
726- 38	02.3 -12 52	18.8	21.0	m	0.25	120	
726- 39	03.0 -13 02	14.8	16.8	m	0.22	121	
726- 40	03.4 -12 46	14.5	16.3	m	0.28	225	
726- 41	04.1 -12 34	16.1	17.2	k-m	0.21	140	
726- 42	04.2 -14 44	16.7	18.5	m	0.22	263	
726- 43	04.8 -10 44	13.7	15.4	m	0.27	200	
727- 3	07.4 -11 14	13.8	15.6	m	0.49	118	
727- 4	07.7 -12 06	15.7	17.0	m	0.22	209	
727- 5	08.2 -14 00	16.6	18.4	m	0.25	285	
727- 6	09.2 -13 06	16.5	17.5	k	0.24	87	
727- 7*	11.3 -13 44	11.5	12.4	k	0.24	300	L 821-46, 0.25, 312°.
727- 8	11.7 -15 21	18.2	18.2	f	0.26	162	
727- 9	12.5 -10 53	15.4	16.8	m	0.23	283	

LP	RA (1950) Dec	$m_R$	$m_{pg}$	Sp	$\mu$	$\theta$	NOTES
727- 10	9 <sup>h</sup> 12.7 <sup>m</sup> -14° 33'	15.0	16.8	m	0.23	158°	
727- 11	13.0 -11 20	17.1	19.5	m	0.23	166	
727- 13	13.7 -13 34	15.9	17.3	m	0.36	105	
727- 14*	16.2 -10 22	12.7	13.7	k	0.28	326	L 821-3, 0:29, 315°.
727- 16	17.7 -10 58	12.9	14.3	m	0.21	129	
727- 19	20.6 -13 11	13.1	14.8	m	0.11	44	
727- 20*	20.6 -13 11	13.7	15.5	m	0.11	44	Ft. comp. to 19, 148°, 30".
727- 21	21.7 -11 28	15.0	16.8	m	0.28	288	
727- 22*	21.8 - 9 36	11.2	11.5	k	0.36	232	L 893-34, 0:42, 230°.
727- 23*	22.3 -13 04	12.2	13.0	k	0.25	193	L 821-65, 0:30, 188°.
727- 24	22.8 -10 20	15.9	16.8	m	0.26	188	
727- 25*	23.3 -15 16	15.8	16.9	m	0.16	266	If a comp. to 26, 261°, 328".
727- 26	23.6 -15 17	13.2	14.4	k-m	0.17	264	
727- 27	23.8 - 9 58	16.0	17.6	m	0.30	162	
727- 28	23.8 -10 09	16.5	17.8	m	0.23	304	
727- 29	25.7 -12 19	14.5	15.8	m	0.39	262	
727- 30	26.2 -15 07	13.4	14.6	k-m	0.21	152	
727- 31*	26.3 -11 57	11.8	12.8	k	0.38	175	L 822-19, 0:40, 173°.
727- 32	26.7 -15 32	17.3	18.7	m	0.21	124	
727- 33*	27.2 -14 22	11.8	12.4	g-k	0.13	254	Ft. comp. to -13:2867, 260°, 34".
-13:2867*	27.3 -14 22	9.1	9.7	g	0.13	254	BPM 73408/9, 0:13, 243°.
727- 35	27.4 -15 04	16.6	18.0	m	0.33	202	
727- 36	27.6 -15 10	15.0	15.8	k	0.26	276	
727- 37	27.7 -12 19	15.2	16.6	k-m	0.29	324	
727- 38	29.0 -14 02	14.3	15.3	k-m	0.49	214	
728- 2	30.2 -10 39	15.7	17.2	m	0.21	273	
728- 3	30.8 -11 53	16.8	17.7	k	0.21	261	
728- 4	31.2 -14 54	14.3	16.0	k-m	0.43	185	
728- 5*	31.4 - 9 57	12.9	14.7	m	0.26	16	L 894-62, 0:28, 17°.
728- 6	31.9 -12 50	16.0	17.3	k-m	0.25	131	
668- 1	33.4 - 4 47	16.5	17.5	g-k	0.25	239	
728- 7	33.6 -13 07	15.5	16.7	m	0.25	291	
668- 2	35.2 - 6 19	15.3	16.8	m	0.23	134	
668- 3	35.3 - 7 48	18.4	20.5	m	0.26	196	
728- 8	35.4 - 9 49	17.0	18.4	m	0.40	291	
728- 9	35.4 -10 03	15.4	16.8	m	0.21	218	
728- 10	35.4 -11 30	16.2	17.4	m	0.22	125	
668- 4	35.8 - 9 26	16.2	17.4	m	0.37	315	
668- 5	36.4 - 6 06	16.1	17.2	k-m	0.34	212	
668- 6*	36.9 - 7 47	16.8	17.7	k	0.19	219	Ft. comp. to 7, 314°, 46"5.
668- 7*	37.0 - 7 48	11.7	12.8	k	0.19	219	L 894-29, 0:21, 218°.
668- 8	37.2 - 6 20	16.0	16.8	k	0.28	156	
	37.3 - 9 32	16.3	16.7	k	0.25	156	
668- 9*	37.3 - 9 32	17.1	17.9	k-m	0.25	156	Ft. comp. to prec. star, 353°, 13".
728- 14	37.4 -14 45	18.5	20.6	m	0.51	268	
728- 15*	37.5 - 9 45	12.6	14.8	k	0.24	299	BPM 73546, 0:19, 307°.
668- 11	38.0 - 4 23	17.7	19.5	m	0.24	152	
728- 16	39.2 -13 51	15.3	16.9	m	0.21	275	
728- 17	39.6 -14 43	16.4	17.6	m	0.20	201	
-7:2867*	39.7 - 7 32	8.0	9.0	g	0.25	234	LTT 3557, 0:26, 215°.

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
668- 16*	9 <sup>h</sup> 42.6 <sup>m</sup> - 3°31'	12.6	15.0	k	0.23	115°	L 966-27, 0.27, 112°.
728- 19	43.1 -15 01	16.8	18.7	m	0.31	205	
-3: 2764*	43.2 - 4 27	10.2	11.5	g-k	0.30	151	LTT 3581, 0.27, 150°.
728- 20	43.2 -11 50	15.2	16.2	k-m	0.27	234	
668- 18	43.3 - 7 56	18.2	19.2	k	0.24	192	
668- 19	43.5 - 5 10	18.0	19.8	m	0.37	248	
668- 20	43.6 - 5 58	17.6	17.0	b	0.39	236	
728- 22	43.6 -10 28	16.5	17.6	k-m	0.13	223	
728- 21*	43.6 -10 28	18.5	21.0	m	0.13	223	Ft. comp. to 22, 314°, 10".
668- 22*	44.0 - 9 11	16.8	18.3	m	0.21	160	Ft. comp. to 23, 273°, 56"5.
728- 23	44.0 -12 15	16.8	18.3	m	0.25	232	
668- 23	44.1 - 9 11	15.4	17.0	m	0.21	160	
728- 24	44.3 -11 53	17.8	19.2	m	0.25	151	
728- 26	44.6 -12 54	14.8	15.7	k	0.18	265	
728- 25*	44.6 -12 54	16.1	17.2	k	0.18	265	Ft. comp. to 26, 338°, 10".
668- 24	45.2 - 7 13	15.5	17.4	k	0.23	188	
668- 25	46.0 - 8 34	14.7	16.6	m	0.21	140	
728- 27*	46.2 -10 22	12.4	14.7	k-m	0.31	172	L 823-8, 0.31, 165°.
728- 28	46.4 -12 17	15.9	16.8	k	0.61	223	
668- 26*	46.5 - 8 34	11.3	13.5	k-m	0.21	258	BPM 73632, 0.21, 258°.
728- 29	47.3 -11 12	14.9	16.0	k	0.21	272	
668- 28	47.5 - 8 36	14.8	16.5	m	0.34	242	
668- 27*	47.5 - 8 36	16.4	17.6	m	0.34	242	Ft. comp to 28, 318°, 15".
728- 30	47.5 -11 07	17.5	18.8	m	0.21	289	
668- 29*	48.3 - 6 32	13.3	15.4	m	0.30	143	L 895-9, 0.29, 138°.
668- 30*	48.3 - 8 53	12.2	14.7	m	0.24	204	L 895-34, 0.20, 208°.
728- 31	48.3 -12 03	17.0	18.4	m	0.34	173	
728- 32	48.5 -11 35	18.1	19.2	k-m	0.27	133	
728- 33*	48.7 -10 15	12.9	14.8	k	0.21	316	BPM 73647, 0.19, 325°.
-11: 2741*	48.7 -12 06	9.6	12.4	m	1.82	142	LTT 3614, 1.79, 143°.
668- 31	48.9 - 7 06	15.1	16.8	m	0.23	213	
728- 35	48.9 -10 37	16.3	17.4	k-m	0.21	137	
668- 32*	49.2 - 3 37	11.9	14.0	k	0.27	281	L 967-16, 0.30, 272°.
728- 36	49.8 - 9 42	18.6	21.0	m	0.32	151	
728- 37	49.8 -11 01	15.8	17.0	k-m	0.30	240	
668- 33	50.2 - 7 39	15.4	17.2	k-m	0.22	299	
-2: 3000*	50.7 - 3 28	9.4	12.8	m	0.46	190	LTT 3625, 0.46, 189°.
728- 38	50.8 -13 57	17.2	18.8	m	0.23	277	
668- 35	50.9 - 5 37	16.5	17.5	k	0.22	242	
728- 39*	51.5 -12 02	12.7	13.8	k	0.32	149	L 823-31, 0.32, 159°.
728- 40	51.8 -15 03	17.1	18.4	m	0.20	308	
728- 41	52.4 -13 17	14.7	16.0	m	0.74	212	
668- 36	52.8 - 7 47	15.8	17.4	k-m	0.33	233	
728- 42	52.9 -13 21	15.4	16.6	k	0.19	172	
728- 43*	53.0 -13 21	17.3	18.7	m	0.19	172	Ft. comp. to 42, 80°, 36".
728- 44	53.1 -15 06	15.1	16.5	k	0.22	251	
790- 2	10 15.8 -20 13	13.5	15.4	m	0.40	285	
790- 1*	15.8 -20 13	15.0	17.2	m	0.40	285	Ft. comp. to 2, 308°, 31"5.
790- 3	16.0 -15 52	16.8	17.8	k	0.24	240	
790- 4	16.0 -16 13	18.3	20.5	m	0.32	268	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
790- 5	10 <sup>h</sup> 16.8 <sup>m</sup> -19° 51'	15.9	17.2	m	0.20	247°	
790- 6	17.3 -17 43	17.3	18.8	m	0.33	287	
790- 7	17.5 -20 30	18.5	20.8	m	0.25	130	
730- 1*	18.0 -14 03	11.4	13.6	m	0.25	267	L 824-55, 0°26, 270°.
730- 2	18.0 -14 30	16.9	18.8	m	0.32	112	
730- 3	18.2 - 9 54	17.5	19.0	m	0.26	263	
730- 4	18.4 -13 17	14.7	16.5	m	0.54	157	
-14; 3093*	18.4 -15 13	8.0	9.0	k	0.31	318	LTT 3799, 0°36, 321°.
790- 8*	18.7 -17 28	11.2	12.7	k	0.44	283	L 752-53, 0°45, 279°.
790- 9	19.3 -18 25	14.5	16.0	m	0.28	134	
730- 6*	19.4 -14 03	10.7	12.7	m	0.36	295	L 824-54, 0°41, 287°.
730- 7	19.6 -10 54	15.9	16.7	k-m	0.24	184	
790- 10	19.6 -16 13	17.6	18.6	k	0.23	192	
790- 11	18.9 <sup>h</sup> 19.8 <sup>m</sup> -19 00	16.9	18.4	m	0.21	268	
670- 1	20.6 - 7 20	15.0	16.6	m	0.32	152	
670- 2*	20.6 - 7 20	15.2	16.8	m	0.32	152	Ft. comp. to 1, 175°, 15°5.
790- 12	20.6 -19 34	16.3	17.5	m	0.36	277	
790- 13	21.1 -19 05	15.9	17.1	m	0.23	156	
670- 3	21.8 - 5 09	15.8	17.2	m	0.24	299	
670- 4	21.8 - 5 31	15.3	16.8	m	0.51	145	
790- 14	21.8 -16 47	15.7	16.8	k	0.23	250	
790- 15	22.5 -17 31	16.8	17.6	k-m	0.39	126	
670- 5	22.6 - 8 49	14.9	16.8	k	0.54	232	
730- 8	22.6 - 9 48	16.8	18.5	m	0.18	272	
670- 7	22.7 - 5 36	15.1	16.6	m	0.15	188	
670- 6*	22.7 - 5 36	16.8	18.4	m	0.15	188	Ft. comp. to 7, 183°, 10°.
-9; 3070*	22.7 - 9 58	9.5	12.5	m	0.71	274	LTT 3825, 0°72, 278°.
790- 16	22.8 -20 41	17.0	18.5	m	0.21	276	
790- 17	23.1 -16 58	16.2	17.6	m	0.41	285	
790- 18	23.2 -19 44	14.5	16.2	m	0.24	124	
730- 10	23.4 -12 00	16.9	17.8	k-m	0.46	169	
790- 19*	23.7 -17 43	11.0	12.0	k	0.57	291	L 753-28, 0°58, 292°.
790- 20	24.0 -17 46	16.3	17.6	m	0.24	240	
790- 21*	24.2 -16 36	12.3	14.0	m	0.34	211	L 753-13, 0°23, 198°.
790- 22*	24.2 -16 36	12.9	14.7	m	0.34	211	Ft. comp. to 21, 71°, 4°.
670- 8	24.4 - 8 40	15.6	17.3	m	0.30	301	
790- 23*	24.4 -17 33	11.8	12.6	k	0.25	234	L 753-22, 0°30, 218°.
790- 24	24.7 -18 09	17.4	20.6	m	0.28	207	
790- 25	25.0 -18 11	18.5	21.0	m	0.22	257	
730- 11	25.1 -15 01	17.6	19.5	m	0.27	244	
730- 12	25.2 -10 12	16.2	17.6	m	0.26	180	
670- 9*	27.4 - 3 57	9.7	11.2	g	0.27	87	-3:2935
730- 14	27.7 -12 44	17.2	18.3	k-m	0.32	170	
670- 12	29.1 - 9 15	18.1	21.0	m	0.24	174	
730- 15	29.4 -12 47	16.1	17.7	m	0.55	320	
790- 26	29.4 -21 23	13.2	15.4	m	0.42	148	
730- 16	30.1 -10 09	16.9	18.6	m	0.52	239	
730- 17	30.3 -14 23	13.0	15.6	m	0.27	180	
670- 14	30.9 - 7 04	17.2	18.9	m	0.34	250	
670- 15	31.0 - 5 46	16.5	17.5	k-m	0.26	141	

LP	RA (1950) Dec	$m_R$	$m_{pg}$	Sp	$\mu$	$\theta$	NOTES
730- 18*	10 <sup>h</sup> 31 <sup>m</sup> 2 -11° 26'	14.1	14.5	f	0.32	267°	L 825-14, 0°33, 260°.
730- 19	31.7 - 9 48	15.9	17.2	m	0.41	262	
670- 16	32.6 - 7 17	15.7	16.9	k-m	0.31	204	
670- 17*	32.6 - 9 08	11.4	14.5	m	0.32	114	L 897-47, 0°28, 125°.
670- 18	32.7 - 7 13	13.5	15.6	k	0.16	103	
790- 27	32.7 -19 52	15.7	17.0	m	0.32	154	
670- 19	32.8 - 5 15	16.6	18.3	m	0.43	342	
730- 20*	33.0 -10 07	11.6	12.8	k-m	0.29	143	L 825-4, 0°31, 138°.
670- 20	34.4 - 8 27	15.0	16.4	k-m	0.27	186	
730- 21	34.6 -13 06	16.9	17.6	k	0.28	223	
790- 28	34.6 -18 13	16.6	18.4	m	0.41	269	
790- 29	36.5 -20 26	16.2	15.7	a	0.62	331	
670- 21	36.7 - 3 32	18.2	19.5	g-k	0.26	270	
670- 22	36.8 - 7 04	14.6	16.6	k	0.27	262	
670- 23*	37.2 - 6 39	10.0	13.3	m	0.80	263	L 897-16, 0°68, 261°.
670- 25	37.2 - 8 42	14.6	16.3	k	0.12	136	
670- 24*	37.2 - 8 42	16.3	17.5	k	0.12	136	Ft. comp. to 25, 286°, 16".
670- 26	37.7 - 7 22	16.6	17.4	k	0.31	224	
790- 30*	37.9 -19 07	12.9	13.8	k	0.70	262	L 753-40, 0°65, 261°.
790- 31*	37.9 -19 07	14.0	15.0	k	0.70	262	Ft. comp. to 30, 166°, 16".
730- 22	38.2 -10 06	14.3	16.3	m	0.47	259	
730- 23	38.2 -11 21	16.0	17.5	m	0.31	231	
730- 25	38.9 -15 10	14.0	15.5	m	0.10	328	
730- 24*	38.9 -15 10	14.9	16.2	m	0.10	328	Ft. comp. to 25, 301°, 16".
790- 32*	39.3 -17 26	13.1	14.0	g-k	0.25	229	L 753-20, 0°27, 231°.
790- 33	39.3 -18 42	14.9	15.7	g	0.22	282	
790- 34	39.7 -16 48	17.4	18.6	m	0.27	151	
790- 35	40.1 -20 47	17.8	20.7	m	0.44	263	
790- 36	40.3 -21 38	16.8	18.6	m	0.71	235	
790- 37	40.4 -17 45	17.9	20.1	m	0.60	249	
731- 1	41.1 -12 07	15.7	17.0	k	0.26	275	
791- 2	41.4 -18 30	13.7	14.4	k	0.26	204	
731- 2	41.6 -12 13	15.0	16.8	m	0.48	297	
791- 3	42.1 -18 22	13.8	15.4	m	0.75	236	
731- 3*	42.2 -14 22	12.2	15.2	m	0.25	229	L 825-62, 0°27, 220°
731- 4*	42.2 -14 22	14.8	16.5	m	0.25	229	Ft. comp. to 3, 19°, 4".
791- 4	43.2 -18 37	15.0	16.5	k-m	0.49	102	
671- 1	43.3 - 6 48	15.6	16.9	m	0.32	225	
731- 5	43.5 -13 23	18.1	17.3	a	0.33	288	
731- 7	43.6 -14 44	16.4	17.8	m	0.16	146	
731- 6*	43.6 -14 44	17.8	20.5	m	0.16	146	Ft. comp. to 7, 292°, 8".
731- 8	43.8 -10 35	19.0	18.4	a	0.27	161	
671- 2	44.2 - 3 28	17.2	18.0	k	0.26	148	
671- 3	44.2 - 9 26	18.6	21.1	m	0.29	278	
791- 5	44.4 -16 26	12.8	14.4	m	0.34	243	
731- 10	44.8 -10 20	14.7	16.7	k	0.36	204	
791- 6	45.5 -20 58	16.6	17.8	m	0.27	292	
671- 4	45.8 - 9 13	16.7	17.5	k	0.28	255	
791- 8*	46.0 -19 57	11.9	12.3	g	0.25	233	L 754-45, 0°24, 253°.
791- 7*	46.0 -19 57	12.9	13.5	g	0.25	233	Ft. comp. to 8, 298°, 27".

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
671- 5	10 <sup>h</sup> 47.1 <sup>m</sup> - 3° 56'	17.7	20.2	m	0.26	244°	
791- 9	48.0 -18 50	16.2	17.6	m	0.27	261	
791- 10	48.6 -20 58	15.0	16.2	m	0.24	259	
791- 11*	48.7 -18 25	12.3	12.5	f-g	0.29	263	L 754-35, 0.27, 268°.
731- 11	48.9 -11 09	17.1	18.7	m	0.34	248	
731- 12	49.4 - 9 56	16.6	17.8	k-m	0.39	182	
671- 6*	50.0 - 8 41	12.2	13.6	m	0.32	118	L 898-38, 0.37, 114°.
791- 12	50.0 -20 46	16.4	17.5	k-m	0.29	238	
731- 13	50.1 -11 23	17.4	18.7	m	0.35	269	
791- 13	50.2 -15 59	14.4	15.8	m	0.38	314	
731- 14	50.5 -13 29	14.5	16.0	m	0.73	117	
731- 15*	50.5 -13 29	15.0	16.5	m	0.73	117	Ft. comp. to 14, 59°, 2.5.
731- 16	50.6 -14 50	13.6	16.0	m	0.48	272	
731- 17	50.7 -14 18	13.7	16.0	m	0.65	266	
731- 18	50.8 -14 51	13.9	15.6	m	0.13	343	
731- 19*	50.8 -14 51	18.0	20.8	m	0.13	343	Ft. comp. to 18, 76°, 18".
731- 21*	50.8 -15 02	11.5	13.3	k-m	0.14	291	Ft. comp. to 20, 52°, 51".
731- 20	50.8 -15 03	10.8	12.2	k-m	0.14	291	
671- 7	51.2 - 4 06	15.7	16.8	k-m	0.23	226	
731- 22*	51.2 -10 28	12.1	14.6	m	0.26	261	L 826-5, 0.28, 266°.
731- 23*	51.7 -11 54	16.1	17.3	k-m	0.11	188	Ft. comp. to 26, 287°, 423".
731- 24	51.8 -14 57	15.3	17.4	m	0.26	274	
671- 8*	52.2 - 7 02	12.3	14.6	m	0.40	201	L 898-22, 0.040, 205°.
671- 9	52.2 - 7 29	17.6	19.0	m	0.33	199	
731- 25	52.3 -11 48	13.1	15.8	m	0.25	275	
731- 26	52.3 -11 56	15.1	16.4	g-k	0.11	188	
671- 10*	53.2 - 9 06	12.7	14.8	m	0.53	333	L 898-42, 0.52, 326°.
731- 27*	53.3 -14 54	11.8	14.6	m	0.40	223	L 826-50, 0.39, 223°.
731- 28*	54.2 -15 36	11.8	13.5	m	0.46	168	L 754- 4, 0.42, 160°.
791- 15	54.7 -16 00	16.0	17.6	m	0.46	253	
791- 16	54.7 -19 04	14.2	15.7	k-m	0.37	144	
671- 11*	55.1 - 7 16	14.5	14.5	a	0.80	277	L 898-25, 0.80, 275°.
731- 29*	55.6 -15 22	12.4	14.5	k	0.24	258	L 754- 3, 0.21, 255°.
-5: 3176*	55.9 - 6 28	—	11.5	m	0.41	266	LTT 4027, 0.38, 270°.
791- 17*	56.8 -18 13	13.2	14.5	m	0.59	240	L 754-33, 0.58, 241°.
731- 30	57.8 -13 33	17.5	20.3	m	0.27	230	
731- 31	57.9 -11 52	17.7	19.4	m	0.26	262	
671- 18	58.4 - 8 14	15.5	16.8	m	0.43	267	
671- 19	58.4 - 9 11	16.8	18.4	m	0.48	270	
731- 33	58.7 -10 02	17.4	18.6	m	0.17	163	
731- 32*	58.7 -10 02	17.9	18.8	m	0.17	163	Ft. comp. to 33, 259°, 11".
731- 34*	58.7 -10 04	11.3	12.5	k	0.28	220	L 898-52, 0.25, 214°.
671- 20	59.1 - 9 31	17.3	16.9	a	0.29	246	
731- 37	59.2 -11 58	15.6	17.5	m	0.40	255	
731- 36*	59.2 -11 58	18.6	18.3	f	0.40	255	Ft. comp. to 37, 229°, 2".
731- 18	11 00.3 -16 08	16.9	18.5	m	0.23	256	
791- 19	00.3 -17 06	16.1	17.0	k	0.27	280	
671- 21	00.4 - 4 17	18.0	19.5	m	0.27	164	
731- 39	00.7 - 9 47	15.8	17.0	k-m	0.29	197	
731- 38*	00.7 - 9 47	16.0	17.2	k-m	0.29	197	Ft. comp. to 39, 223°, 15".



LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
791- 20*	11 <sup>h</sup> 00 <sup>m</sup> .7 -16° 05'	11.9	12.6	g	0.29	273°	L 754- 8, 0.31, 266°.
791- 22	01.1 -20 22	16.8	17.8	m	0.17	129	
791- 21*	01.1 -20 22	17.3	18.7	m	0.17	129	Ft. comp. to 22, 243°, 9".
671- 23*	01.4 - 4 50	10.7	12.2	k-m	0.31	256	L 970-25, 0.27, 259°.
791- 23	01.9 -17 32	15.0	16.7	m	0.47	131	
731- 40	02.0 - 9 45	14.1	16.0	m	0.27	245	
731- 41	02.2 -10 14	16.7	17.5	m	0.46	151	
731- 42	02.3 -10 41	15.0	16.8	k-m	0.27	113	
731- 43	02.5 -11 18	17.5	18.8	k-m	0.37	133	
671- 24*	02.7 - 6 06	12.4	13.6	k	0.18	226	BPM 74392, 0.19, 233°.
671- 25*	02.7 - 6 06	15.2	16.4	k-m	0.18	226	Ft. comp. to 24, 43°, 14".
791- 25	02.7 -16 41	15.8	16.7	k	0.26	195	
791- 24*	02.7 -16 41	16.7	17.6	k	0.26	195	Ft. comp. to 25, 348°, 9".
791- 26	03.5 -20 16	16.3	17.5	m	0.39	286	
671- 26	03.7 - 9 39	15.4	17.0	m	0.43	224	
731- 45	04.0 -12 50	17.6	19.6	g-k	0.35	288	
-18: 3103*	04.0 -18 32	10.1	10.5	g	0.27	186	LTT 4086, 0.20, 176°.
671- 27*	04.1 - 7 11	13.4	13.7	g-k	0.29	246	L 898-23, 0.23, 243°.
671- 28	04.4 - 9 34	16.2	17.4	m	0.25	226	
731- 47	04.4 -12 29	17.4	20.2	m	0.36	271	
731- 48	04.7 -15 15	15.3	16.0	g-k	0.26	230	
791- 28	04.9 -19 44	16.4	17.6	m	0.48	246	
731- 49	05.0 -12 17	18.6	18.2	f	0.38	270	
672- 1*	05.5 - 4 53	13.1	12.2	a	0.44	186	Ft. comp. to 2, 339°, 279".
672- 2*	05.6 - 4 58	11.7	13.8	m	0.44	186	L 970-27, 0.43, 180°.
791- 29	05.6 -16 45	13.9	15.0	k-m	0.42	163	
732- 3	05.7 -13 47	15.0	16.0	k	0.23	246	
732- 4	05.9 -13 49	17.4	19.3	m	0.25	297	
672- 4*	06.7 - 4 21	10.2	11.4	k	0.29	248	L 971-27, 0.32, 259°.
672- 5	06.8 - 5 28	15.8	18.2	m	0.46	141	
792- 3	06.8 -19 02	14.1	14.8	k	0.54	265	
732- 5	07.6 -12 54	15.1	16.5	m	0.28	274	
732- 6	07.9 -13 26	16.9	18.3	m	0.28	217	
732- 7	07.9 -15 03	18.4	21.2	m	0.32	298	
792- 4	07.9 -16 03	16.6	18.2	m	0.34	205	
672- 6	08.2 - 9 05	14.2	15.8	k-m	0.45	297	
732- 8	08.2 -13 49	15.9	17.4	m	0.29	245	
672- 8	09.0 - 5 55	15.7	17.7	m	0.36	261	
672- 9	09.1 - 6 40	16.3	15.5	f-g	0.10	264	
672- 10*	09.2 - 6 40	16.5	17.4	k	0.10	264	Ft. comp. to 9, 67°, 37".
732- 9*	09.3 -14 51	11.4	13.5	m	0.30	157	L 827-50, 0.26, 204°.
792- 5*	11.4 -18 48	18.5	19.0	g-k	0.25	299	Ft. comp. to 6, 215°, 26".
792- 6	11.5 -18 47	15.6	17.0	m	0.25	299	
732- 10	11.7 -11 54	17.8	19.7	m	0.25	253	
792- 7	11.8 -16 18	14.7	16.0	k	0.27	149	
732- 11	12.2 -15 03	17.6	20.0	m	0.49	161	
792- 8	12.2 -19 16	15.4	16.7	m	0.32	144	
672- 12	12.5 - 4 00	15.5	18.0	m	0.35	259	
732- 12	12.6 -10 40	14.8	16.3	m	0.28	287	
792- 9*	12.7 -17 51	13.4	14.7	m	0.75	170	{ L 755-50, 0.76, 166°. Ft. comp. to -17:3336/7, 320°, 83".

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
672- 13*	11 <sup>h</sup> 12. <sup>m</sup> 8 - 5° 55'	12.0	12.5	g	0.45	198°	L 899- 7, 0.43, 202°.
732- 13*	13.0 - 9 51	12.1	14.2	k	0.33	317	L 827- 2, 0.32, 312°.
792- 10	13.2 -21 11	17.0	18.6	m	0.25	282	
672- 15	14.3 - 8 03	11.5	12.0	k	0.15	251	
670- 16*	14.4 - 8 02	17.3	20.2	m	0.15	251	Ft. comp. to 15, 53°, 102".
732- 14	14.4 -12 58	15.5	16.8	m	0.31	270	
732- 15	14.6 -11 06	13.3	15.5	m	0.41	250	
792- 11	14.9 -18 45	16.9	18.8	m	0.36	247	
672- 17	15.0 - 7 33	15.7	18.2	m	0.21	264	
672- 19	15.0 - 9 21	17.2	20.8	m	0.27	163	
672- 20	15.5 - 5 37	18.1	21.0	m	0.25	190	
732- 16*	16.2 -12 43	11.0	12.8	m	0.37	137	BPM 74528, 0.40, 139°.
732- 17	16.4 -11 23	16.6	17.6	k-m	0.25	119	
792- 12*	16.4 -16 59	11.4	11.9	g	0.22	293	L 755-37, 0.22, 302°.
672- 22	16.6 - 4 58	14.4	16.0	m	0.28	215	
672- 23	16.7 - 8 16	16.3	16.3	f	0.35	278	
732- 18	16.7 -10 38	15.2	16.5	k-m	0.27	285	
672- 24	16.8 - 4 08	15.7	18.2	m	0.28	258	
732- 19	16.9 -14 57	12.4	14.5	m	0.26	182	
792- 13	17.0 -18 18	15.9	17.2	m	0.26	223	
792- 14	17.3 -16 16	15.2	16.2	k	0.35	277	
672- 25	17.5 - 7 17	16.0	18.6	m	0.28	275	
672- 26	17.6 - 7 02	16.8	19.3	m	0.24	217	
732- 20	17.9 -14 23	17.7	21.0	m	0.52	228	
792- 15	18.1 -19 08	17.6	19.8	k-m	0.33	137	
672- 27	18.3 - 4 50	17.0	19.5	m	0.25	301	
792- 16*	18.4 -19 23	12.7	14.8	k-m	0.39	247	L 755-72, 0.40, 243°.
792- 17*	18.5 -16 45	12.2	13.0	k	0.26	224	L 755-32, 0.22, 219°.
792- 18*	18.9 -17 00	12.1	12.6	g-k	0.29	156	L 755-35, 0.28, 160°.
732- 21	19.7 -11 16	16.4	18.0	m	0.30	267	
732- 22	20.0 -14 14	16.9	18.8	m	0.50	236	
792- 19	20.0 -17 36	17.1	19.7	m	0.29	261	
732- 23	20.3 -12 19	17.9	21.0	m	0.25	286	
672- 29	21.2 - 7 11	13.2	14.6	m	0.12	150	
672- 28*	21.2 - 7 11	15.0	17.0	m	0.12	150	Ft. comp. to 29, 306°, 15.5".
792- 20*	21.5 -18 05	12.9	14.5	m	0.60	267	L 755-53, 0.61, 265°.
672- 30	21.6 - 9 36	16.5	17.7	m	0.24	189	
672- 31	21.7 - 4 33	15.2	17.3	m	0.26	251	
792- 21	21.7 -16 36	14.6	15.4	k	0.28	272	
792- 22	21.8 -16 42	15.3	16.5	k-m	0.28	253	
792- 23	22.4 -19 21	18.1	19.7	m	0.32	230	
672- 32*	22.6 - 4 08	16.4	18.4	m	0.14	88	Ft. comp. to 33, 344°, 34".
672- 33	22.6 - 4 09	15.7	17.8	m	0.14	88	
672- 34*	22.6 - 5 40	11.0	11.5	k	0.30	277	L 899-44, 0.35, 264°.
672- 35	22.6 - 6 27	17.7	20.9	m	0.28	279	
792- 24	22.8 -17 17	15.1	16.7	m	0.23	277	
672- 36	23.0 - 4 50	16.8	18.5	m	0.26	205	
732- 24	23.3 -11 28	18.3	18.3	f	0.12	143	
732- 25*	23.3 -11 28	18.5	20.6	m	0.12	143	Ft. comp. to 24, 17°, 31".
792- 25	24.2 -18 24	16.3	17.6	m	0.36	146	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
732- 27	11 <sup>h</sup> 24. <sup>m</sup> 3 -14° 39'	14.7	15.7	k	0.11	159°	
732- 26*	24.3 -14 39	16.1	17.0	k	0.11	159	Ft. comp. to 27, 278°, 24".
672- 37	24.7 - 6 46	17.5	20.5	m	0.37	152	
672- 38	24.8 - 4 30	12.4	12.5	g-k	0.29	259	
732- 29	24.8 -12 53	15.7	16.4	m	0.29	247	
732- 28*	24.8 -12 53	16.1	16.8	m	0.29	247	Ft. comp. to 29, 225°, 2".
792- 27	25.1 -19 59	17.3	19.0	m	0.13	295	
792- 26*	25.1 -19 59	17.4	19.1	m	0.13	295	Ft. comp. to 27, 345°, 14".
672- 39*	25.5 - 8 53	11.4	11.8	g	1.01	147	L 900-43, 0°97', 148°.
672- 40	25.6 - 5 21	17.6	16.8	a	0.32	141	
732- 30	26.3 -15 40	16.5	18.3	m	0.57	181	
792- 28	26.3 -20 20	18.5	20.5	m	0.27	271	
732- 31	26.4 -11 16	13.9	15.7	m	0.28	161	
792- 29	26.4 -15 39	16.9	18.8	m	0.57	183	
672- 41	26.8 - 3 47	19.0	21.4	m	0.34	234	
732- 32	26.8 -13 37	18.1	20.8	m	0.28	272	
792- 30	27.1 -20 46	15.3	16.4	k	0.25	270	
792- 31	28.0 -16 04	15.5	16.6	m	0.44	255	
672- 42*	28.2 - 7 49	10.8	11.7	k-m	0.44	306	L 900-26, 0°42', 311°.
732- 33	28.3 -10 32	14.9	16.2	m	0.14	276	
732- 34*	28.3 -10 32	17.3	18.7	m	0.14	276	Ft. comp. to 33, 158°, 27".
732- 35	28.6 -14 41	13.6	15.3	m	1.40	164	
673- 1	28.8 - 6 19	14.4	15.8	m	0.25	214	
732- 36	28.8 -10 57	18.8	21.0	m	0.28	248	
732- 37*	28.9 -10 01	11.2	12.5	k	0.30	272	L 900-49, 0°39', 283°.
733- 4	28.9 -13 53	10.0	10.8	k	0.28	157	
732- 38	29.1 -14 06	14.1	15.2	k-m	0.25	224	
732- 39	29.2 -14 23	15.5	16.8	m	0.28	277	
793- 1	29.2 -18 23	16.3	17.6	m	0.21	270	
673- 2	29.4 - 9 10	15.5	16.8	m	0.26	117	
733- 8*	29.5 -11 22	10.3	10.4	k	0.23	291	BPM 74625, 0°16', 276°.
792- 32	29.6 -19 46	17.5	20.2	m	0.28	288	
673- 3	29.7 - 8 11	15.0	16.5	m	0.39	244	
733- 9	29.7 -11 22	17.1	17.3	f	0.21	248	
793- 2	29.7 -19 46	17.0	20.8	m	0.30	278	
673- 4	29.8 - 8 06	15.7	17.0	m	0.36	120	
792- 33*	29.8 -16 41	11.3	12.8	k	0.28	144	L 756-37, 0°24', 150".
673- 5	30.3 - 6 08	16.8	18.3	m	0.26	114	
733- 10	30.5 -13 24	16.2	17.5	k-m	0.29	266	
733- 11*	30.6 -12 17	13.1	14.8	m	0.24	236	L 828-14, 0°34', 231°.
733- 12	30.8 -12 29	17.4	19.8	m	0.25	129	
673- 7*	31.0 - 8 25	11.8	13.7	m	0.24	274	BPM 74648, 0°17', 269°.
673- 6*	31.0 - 8 25	14.5	15.6	m	0.24	274	Ft. comp. to 7, 264°, 4".
793- 4*	31.3 -18 08	11.8	12.8	k	0.24	281	L 756-82, 0°22', 292°.
793- 5*	31.5 -17 46	10.6	11.2	g	0.21	193	BPM 74657, 0°19', 176°.
673- 8	31.6 - 5 58	15.7	16.9	k-m	0.37	195	
793- 6	31.6 -15 59	13.4	15.7	m	0.30	264	
793- 7	31.6 -20 23	15.1	17.0	m	0.21	132	
673- 9	31.7 - 3 50	18.3	20.5	m	0.25	282	
793- 8*	31.7 -17 03	12.2	12.7	g	0.21	284	L 756-47, 0°23', 285°.

LP	RA (1950) Dec	$m_R$	$m_{pg}$	Sp	$\mu$	$\theta$	NOTES
673- 10	11 <sup>h</sup> 31.9 - 5° 57'	17.2	20.2	m	0.29	105°	
673- 1	32.2 - 4 16	16.1	17.3	m	0.39	193	
733- 13*	32.3 -12 58	9.9	11.0	k	0.29	264	L 828-19, 0.26, 260°.
673- 13	32.6 - 5 22	14.0	16.4	m	1.00	161	
673- 14	32.6 - 6 46	15.8	17.1	m	0.32	127	
793- 9	32.6 -20 00	13.4	15.6	m	0.25	282	
793- 10*	32.6 -20 00	19.1	21.4	m	0.25	282	Ft. comp. to 9, 168°, 30".
673- 15	32.8 - 6 29	14.0	15.4	m	0.29	183	
673- 16*	32.8 - 8 08	13.0	14.8	m	0.24	276	L 900-30, 0.25, 269°.
793- 11	32.9 -18 57	15.8	17.5	m	0.21	273	
793- 13	33.0 -19 31	15.0	16.8	m	0.15	240	
793- 12*	33.0 -19 31	15.9	17.7	m	0.15	240	Ft. comp. to 13, 183°, 16".
673- 17	33.1 - 4 10	17.6	19.8	m	0.24	220	
673- 18	33.1 - 7 37	17.2	19.3	m	0.33	304	
673- 19	33.9 - 9 16	17.6	19.5	m	0.32	253	
673- 20	34.2 - 8 09	16.4	17.6	k-m	0.28	288	
793- 14	34.2 -16 49	16.5	17.9	m	0.38	264	
793- 15	34.8 -17 17	16.6	17.8	m	0.23	140	
793- 16	35.5 -20 46	14.9	16.3	m	0.47	214	
793- 17*	35.8 -20 01	13.5	15.5	m	0.21	277	May have a very close np comp.
733- 14*	35.9 -13 33	11.0	11.5	g-k	0.24	212	BPM 74719, 0.13, 211°.
673- 21	36.4 - 7 28	17.0	18.5	m	0.29	281	
673- 22*	36.8 - 8 16	12.8	14.6	m	0.29	134	L 900-34, 0.25, 157°.
673- 23*	36.8 - 8 16	16.0	17.8	m	0.29	134	Ft. comp. to 22, 24°, 5".
733- 15*	36.8 -14 01	11.9	13.0	k	0.34	294	L 828-31, 0.37, 289°.
673- 24	37.2 - 4 07	14.1	16.0	m	0.28	267	
733- 17	37.3 -11 22	14.5	16.5	m	0.56	95	
793- 18*	37.4 -20 28	15.4	16.7	m	0.21	183	Ft. comp. to -19: 3318, 342°, 65".
-19: 3318*	37.4 -20 29	10.2	11.3	m	0.21	183	LTT 4319, 0.23, 186°.
673- 25*	37.8 - 7 55	12.1	13.7	m	0.42	240	{ L 900- 25, 0.44, 242°, dec erroneously given as -6: 55.
793- 20	37.8 -17 07	13.7	14.8	k	0.37	156	
793- 21*	37.8 -18 11	12.3	13.3	k	0.10	261	BPM 74741, 0.07, 261°.
793- 22*	37.8 -18 11	14.5	16.0	m	0.10	261	Ft. comp. to 21, 45°, 33".
793- 23	37.8 -21 42	14.5	16.3	m	0.35	276	
673- 26	37.9 - 6 08	16.0	17.6	m	0.28	183	
793- 25*	38.0 -16 17	11.9	13.5	k-m	0.27	282	L 756- 24, 0.29, 277°.
793- 24*	38.0 -16 17	12.2	13.8	k-m	0.27	282	Ft. comp. to 25, 338°, 4.5".
793- 26	38.0 -18 10	14.7	16.3	m	0.20	268	
673- 27	38.2 - 3 40	16.3	17.6	m	0.25	167	
673- 28	38.2 - 5 08	14.9	15.9	k	0.24	149	
793- 27*	38.3 -20 39	14.5	16.3	m	0.33	224	Ft. comp. to 28, 333°, 67".
-11: 3155*	38.4 -11 56	9.4	10.0	k	0.28	295	LTT 4331, 0.34, 293°.
793- 28*	38.4 -20 40	12.9	15.0	m	0.33	224	L 684- 4, 0.27, 223°.
673- 29	38.8 - 5 28	18.2	19.2	k	0.23	208	
793- 29*	38.8 -20 58	11.7	12.2	f-g	0.22	198	L 684-10, 0.20, 196°.
733- 19	39.3 - 9 28	16.9	17.8	k	0.25	282	
793- 30*	39.3 -18 37	12.3	14.2	k-m	0.27	261	L 756-94, 0.30, 263°.
673- 30	39.5 - 9 36	16.3	17.3	m	0.25	152	
733- 20	39.9 -11 09	16.1	16.9	k	0.24	198	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
733- 21	11 <sup>h</sup> 40 <sup>m</sup> 0 -10° 33'	14.6	16.5	m	0.35	272°	
793- 31	40.0 -21 10	15.7	17.0	m	0.26	183	
673- 31	40.1 - 9 21	15.2	16.7	m	0.24	199	
733- 22	40.1 -11 07	16.1	17.0	k	0.28	276	
673- 32*	41.5 - 5 43	11.4	12.7	k-m	0.25	270	BPM 74775, 0°11, 257°.
673- 33	41.6 - 4 36	16.1	17.3	k-m	0.25	191	
673- 34	41.6 - 7 35	15.0	16.6	k-m	0.24	215	
673- 35	42.0 - 7 08	17.6	19.8	m	0.30	160	
673- 36	42.4 - 5 33	16.4	17.7	m	0.34	153	
673- 37*	42.7 - 9 12	13.1	14.0	m	0.26	240	L 901-33, 0°26, 215°.
793- 32	42.8 -18 09	13.7	15.5	k-m	0.31	201	
793- 33	43.0 -20 05	11.4	13.2	m	0.19	68	
793- 34*	43.0 -20 05	17.3	20.8	m	0.19	68	Ft. comp. to 33, 61°, 16".
673- 38	43.1 - 3 29	18.3	17.5	a	0.27	123	
793- 35	43.4 -20 52	15.6	16.8	k-m	0.27	227	
793- 36*	43.4 -20 52	16.1	17.3	k-m	0.27	227	Ft. comp. to 35, 69°, 15".
673- 39	43.6 - 5 39	15.9	17.3	m	0.24	273	
793- 37	45.1 -18 36	16.0	17.7	m	0.21	275	
673- 40	45.2 - 9 17	16.5	17.7	m	0.28	264	
733- 23	45.3 -12 20	13.5	15.0	m	0.35	274	
793- 38	45.5 -18 22	18.8	21.2	m	0.28	247	
733- 24	45.8 -11 00	12.1	13.3	k	0.82	269	
733- 25*	45.8 -11 49	12.7	14.6	m	0.26	277	L 829- 9, 0°23, 286°.
733- 26	46.7 -11 44	18.2	20.7	m	0.26	227	
793- 39	46.8 -18 35	15.6	17.3	m	0.20	279	
733- 27	47.5 -12 17	13.8	15.1	m	0.37	272	
673- 41	48.0 - 6 20	16.9	16.3	f	0.32	256	
793- 40	48.9 -16 06	14.7	16.2	k-m	0.41	257	
793- 41	49.3 -16 21	13.0	14.8	k	0.32	300	
793- 42	49.6 -18 00	16.8	17.5	k	0.21	148	
733- 28	49.7 -11 32	17.0	18.3	k	0.29	276	
733- 29	50.2 -11 10	15.9	17.3	m	0.35	240	
793- 43*	50.6 -18 05	14.0	14.8	g-k	0.28	253	L 757-45, 0°30, 258°.
673- 42*	50.7 - 7 06	11.4	12.6	g-k	0.53	198	L 901-10, 0°54, 196°.
673- 43	50.7 - 8 24	14.5	16.4	m	0.26	99	
673- 44	51.2 - 5 02	16.4	17.5	k-m	0.26	267	
673- 45	51.4 - 3 34	13.9	15.3	k-m	0.31	281	
733- 30	51.6 -11 18	14.7	16.3	m	0.24	108	
733- 31	52.0 -13 52	16.6	17.8	m	0.24	243	
733- 32	52.2 -13 44	10.0	10.4	g-k	0.28	252	
673- 46	52.6 - 6 48	14.7	16.3	k-m	0.24	264	
733- 33	52.7 -12 13	17.0	18.9	m	0.33	221	
734- 1	52.8 -10 05	17.9	20.6	m	0.33	174	
793- 44	53.2 -18 38	13.9	15.5	m	0.61	120	
-19: 3374*	53.4 -19 42	10.7	11.3	g-k	0.22	312	LTT 3443, 0°22, 309°.
734- 3	53.8 -13 02	17.0	18.5	m	0.32	258	
-20: 3540*	54.0 -21 09	10.6	10.9	g	0.24	256	LTT 4444, 0°22, 254°.
794- 3	54.8 -19 15	15.6	16.0	m	0.23	164	
734- 4	55.3 -13 56	13.4	15.1	m	0.34	264	
794- 4	55.6 -20 53	16.8	17.6	m	0.17	239	

LP	RA (1950) Dec	$m_R$	$m_{pg}$	Sp	$\mu$	$\theta$	NOTES
734- 6	11 <sup>h</sup> 55.7 <sup>m</sup> -11° 03'	15.3	16.8	m	0.17	226°	
734- 5*	55.7 -11 03	17.2	19.0	m	0.17	226	Ft. comp. to 6, 334°, 8''5.
734- 7	55.8 - 9 47	16.6	18.4	m	0.42	281	
674- 1	56.0 - 9 19	17.0	18.2	k-m	0.32	320	
734- 9	56.5 -14 57	13.7	15.5	m	0.31	92	
794- 5*	56.6 -16 32	12.1	12.6	m	0.29	234	L 757-15, 0''35, 230°.
674- 2	57.2 - 7 07	17.2	18.7	m	0.33	264	
-17: 3526*	57.5 -18 08	11.2	12.0	k	0.25	278	LTT 4467, 0''26, 273°.
794- 7	57.8 -19 48	15.8	16.8	m	0.23	143	
734- 11*	58.1 -13 32	13.1	14.6	m	0.47	269	L 829-24, 0''46, 271°.
734- 10*	58.1 -13 32	15.0	16.7	m	0.47	269	Ft. comp. to 11, 234°, 7''5.
794- 8	58.4 -19 18	17.8	20.8	m	0.27	127	
674- 3	58.6 - 7 36	13.8	16.2	m	0.27	323	
674- 4	58.7 - 3 43	17.4	18.7	m	0.27	204	
794- 9	58.7 -19 58	15.7	16.4	m	0.27	283	
794- 10	59.0 -18 25	17.4	20.2	m	0.33	236	
794- 11*	59.0 -18 25	18.2	21.+	m	0.33	236	Ft. comp. to 10, 79°, 1''5.
734- 12	59.1 -12 29	13.3	14.8	k	0.11	274	
734- 13*	59.1 -12 29	16.8	18.2	k-m	0.11	274	Ft. comp. to 12, 149°, 25''.
734- 14*	59.2 -11 58	12.0	13.4	m	0.26	191	L 829-10, 0''23, 210°.
794- 12*	59.2 -18 49	12.8	13.6	m	0.28	263	L 757-54, 0''23, 254°.
674- 5	59.6 - 3 57	16.3	17.6	m	0.26	217	
794- 13*	59.7 -16 06	13.0	14.5	m	0.30	283	L 757- 9, 0''26, 278°.
734- 15	12 00.4 -13 53	16.0	17.5	m	0.28	271	
674- 6	00.5 - 8 59	13.1	15.4	m	0.36	285	
794- 14	00.6 -21 09	14.4	15.7	m	0.27	195	
794- 15*	00.7 -21 36	10.5	10.7	g-k	0.13	270	L 685-29, 0''12, 270°.
794- 16*	00.8 -16 13	14.7	16.3	m	0.59	135	Ft. comp. to 17, 293°5, 324''.
794- 17*	01.2 -16 16	11.0	11.4	k	0.59	135	L 757-79, 0''58, 137°.
734- 17	01.3 -13 28	14.1	15.4	m	0.14	234	
734- 16*	01.3 -13 28	18.0	20.8	m	0.14	234	Ft. comp. to 17, 308°, 25''.
674- 7	01.4 - 6 03	15.4	16.5	k	0.24	276	
674- 8	01.4 - 7 20	18.4	20.7	m	0.30	153	
734- 18	01.6 -14 30	14.7	15.7	k	0.34	249	
734- 19	01.7 -12 40	16.4	17.3	k	0.29	232	
734- 20	02.1 -14 14	17.2	18.8	m	0.32	268	
674- 9	02.3 - 3 38	17.3	18.6	m	0.11	284	
674- 10*	02.3 - 3 38	17.5	18.8	m	0.11	284	Ft. comp. to 9, 108°, 13''5.
794- 18	02.6 -16 20	15.6	16.5	m	0.23	268	
674- 11	02.8 - 4 03	16.9	18.5	m	0.32	238	
734- 21	02.8 -10 42	18.1	20.7	m	0.32	268	
674- 12	03.0 - 5 44	13.9	15.8	m	0.22	187	
794- 19	03.2 -18 33	16.1	16.9	m	0.31	181	
734- 22	03.4 -11 20	17.9	21.0	m	0.27	260	
674- 13	03.6 - 8 58	15.7	17.5	m	0.25	189	
794- 20	03.8 -19 52	16.8	17.7	m	0.26	197	
674- 14	04.0 - 6 38	16.3	18.2	m	0.43	263	
734- 23	04.1 -13 12	18.7	20.8	m	0.17	215	
674- 15	04.2 - 9 33	18.4	21.0	m	0.21	267	
734- 24	04.5 -13 13	16.8	18.4	k-m	0.24	280	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
-4: 3208*	12 <sup>h</sup> 04 <sup>m</sup> .7 - 5° 27'	10.9	11.4	g	0.40	232°	LTT 4534, 0''34, 226°.
734- 25	04.8 -11 16	16.1	17.4	m	0.31	230	
734- 26	04.8 -15 08	15.3	16.8	m	0.26	184	
674- 17	04.9 - 7 50	15.9	17.4	m	0.49	169	
794- 21	04.9 -20 39	13.5	15.1	m	0.35	289	
R 927*	05.1 - 5 02	13.7	15.8	m	0.35	259	LTT 4536, 0''37, 248°.
794- 22	05.1 -17 16	16.3	17.2	m	0.29	300	
674- 19	05.4 - 5 26	14.7	16.2	k-m	0.24	250	
734- 27	05.6 -14 56	16.8	17.6	k-m	0.39	272	
794- 23	05.7 -20 44	16.0	17.5	m	0.26	169	
734- 28	06.0 -12 50	17.1	18.6	m	0.27	266	
734- 29	06.2 -11 17	15.8	17.5	m	0.44	142	
734- 30*	06.3 -10 00	12.2	13.5	m	0.37	231	L 902-150, 0''37, 231°.
674- 20	06.7 - 9 15	17.8	20.6	m	0.28	242	
674- 21	06.8 - 7 53	15.6	17.6	m	0.29	260	
794- 24*	07.3 -18 27	13.7	14.8	k-m	0.23	307	L 758-76, 0''22, 300°.
794- 25	07.3 -18 32	17.0	18.1	m	0.20	284	
674- 22	07.4 - 6 20	17.2	18.3	k	0.54	261	
794- 26	07.4 -20 20	15.0	15.7	m	0.38	283	
734- 32	07.6 -14 47	11.7	13.3	m	0.72	183	
-17: 3566*	07.6 -18 01	10.8	11.3	k	0.29	299	LTT 4551, 0''23, 285°.
R 928*	07.7 - 6 33	13.2	15.4	m	0.46	163	LTT 4553, 0''46, 164°.
734- 33	07.7 -14 56	16.5	17.8	m	0.27	287	
674- 24	07.8 - 6 12	11.4	12.2	g-k	0.15	193	
674- 25*	07.8 - 6 12	11.4	12.2	g-k	0.15	193	Comp. to 24, 102°, 24''.
734- 34*	07.9 -12 54	13.2	15.3	m	0.42	141	L 830-43, 0''44, 152°.
734- 35	08.0 -11 11	11.1	12.6	k-m	0.25	259	
794- 28*	08.2 -18 48	12.7	13.2	m	0.30	184	L 758-84, 0''33, 194°, angle erroneously given as 294°.
794- 29	08.2 -21 16	16.6	18.2	m	0.24	252	
-9: 3451*	08.4 -10 07	9.2	10.0	g	0.26	167	LTT 4557, 0''29, 146°.
734- 37	08.4 -13 16	17.0	18.7	m	0.35	256	
734- 38	08.5 -14 57	18.4	21.0	m	0.36	250	
794- 30*	08.6 -19 41	11.5	13.2	k-m	0.27	229	L 758-108, 0''24, 233°.
794- 31*	08.7 -19 42	12.3	14.4	k-m	0.27	229	Ft. comp. to 30, 121°, 85''.
794- 32	08.8 -16 49	15.0	16.5	m	0.20	139	
734- 39*	08.9 -15 20	12.4	12.7	g	0.45	228	L 758- 8, 0''45, 234°.
794- 33	09.0 -17 17	16.6	17.9	m	0.22	274	
674- 26	09.4 - 4 23	15.8	16.8	k-m	0.32	263	
674- 27	09.4 - 7 04	14.6	16.4	m	0.54	241	
734- 40	09.5 - 9 18	17.5	17.1	f	0.38	269	
-5: 3450*	09.9 - 6 06	10.3	12.0	k-m	0.42	221	LTT 4574, 0''39, 233°.
674- 29*	10.0 - 6 07	17.4	17.2	f-g	0.42	221	Ft. comp. to -5:3450, 102°, 202''.
794- 34	10.0 -21 31	13.9	14.8	k	0.11	285	
794- 35*	10.0 -21 31	16.5	17.6	m	0.11	285	Ft. comp. to 34, 85°, 32''.
794- 36	10.2 -20 13	17.7	19.9	m	0.15	143	
794- 37	10.3 -20 14	15.7	16.6	m	0.21	288	
734- 41	10.6 -12 28	14.1	15.8	m	0.16	178	
734- 42*	10.6 -12 28	15.8	17.3	m	0.16	178	Ft. comp. to 41, 165°, 14''.
794- 38	10.7 -20 52	15.4	16.7	m	0.45	296	
794- 39*	10.7 -21 16	12.3	14.0	k-m	0.22	255	L 686-14, 0''22, 253°.

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	$\mu$	$\theta$	NOTES
674- 30*	12 <sup>h</sup> 11 <sup>m</sup> .1 - 9° 37'	12.4	14.7	k	0.25	268°	L 902-137, 0.27, 265°.
794- 40	11.1 -18 53	15.8	16.8	m	0.29	171	
R 932*	11.5 - 7 36	12.2	14.8	m	0.42	255	LTT 4589, 0.42, 256°.
794- 41	11.6 -20 25	15.7	16.8	m	0.41	223	
794- 42	12.0 -17 41	17.5	18.2	k	0.20	174	
674- 32	12.2 - 8 12	14.3	16.2	m	0.22	290	
794- 43	12.2 -17 07	16.6	17.6	m	0.33	214	
794- 44*	12.2 -17 22	12.3	12.5	k	0.24	253	L 758-50, 0.22, 246°.
R 933*	12.6 - 7 24	13.4	15.8	m	0.36	163	LTT 4602, 0.36, 170°.
734- 43	12.7 -11 51	16.4	17.7	m	0.36	273	
734- 44	12.7 -12 39	19.1	18.8	a	0.15	280	
734- 45	13.3 -11 41	17.8	20.9	m	0.39	308	
734- 46	13.6 -14 02	17.3	18.5	k-m	0.27	276	
734- 47*	13.8 -11 52	13.7	15.3	m	0.34	200	L 830-29, 0.39, 206°.
794- 45	13.8 -16 05	15.6	16.2	k	0.28	125	
R 691*	14.6 -17 21	12.1	12.7	k	0.35	264	LTT 4619, 0.32, 265°.
734- 48	15.1 -11 38	16.7	18.8	m	0.39	282	
794- 47	15.3 -19 02	15.9	16.6	k-m	0.22	291	
794- 48	15.9 -16 22	16.5	17.7	m	0.21	240	
794- 49	16.0 -20 07	15.3	16.2	m	0.35	279	
794- 50	16.1 -18 14	16.2	17.5	m	0.22	240	
674- 34	16.2 - 7 32	15.4	16.9	m	0.55	293	
734- 49	16.2 -15 07	18.9	20.3	k	0.38	247	
794- 51*	16.2 -21 14	11.6	12.5	k-m	0.35	293	L 686- 13, 0.20, 258°.
794- 52*	16.2 -21 14	11.8	12.7	k-m	0.35	293	Ft. comp. to 51, 162°, 6".
674- 35	16.4 - 6 24	17.9	20.6	m	0.34	268	
734- 50	16.6 -11 05	15.4	17.0	m	0.39	294	
735- 1	16.6 -12 36	17.0	16.0	a	0.31	259	
735- 2	16.6 -14 16	15.3	17.2	m	0.25	130	
734- 51	16.8 -15 13	17.4	20.1	m	0.39	262	
735- 4*	17.3 - 9 55	12.8	13.0	g	0.31	246	L 902-146, 0.28, 248°.
794- 53	17.5 -17 56	15.2	16.2	k-m	0.25	286	
794- 54*	17.7 -20 21	11.9	12.8	g-k	0.23	182	L 686- 3, 0.25, 194°.
794- 55	17.9 -19 52	16.6	18.0	m	0.23	254	
675- 2*	18.7 - 9 02	13.9	15.2	m	0.30	229	L 902-127, 0.33, 230°.
735- 5	18.8 -11 32	15.7	16.5	k	0.24	277	
675- 3*	19.1 - 5 10	12.6	12.2	g	0.26	285	L 902- 3, 0.22, 290°.
675- 4	19.5 - 6 12	14.7	16.0	k-m	0.34	169	
675- 6	21.1 - 8 02	16.4	17.3	k-m	0.41	260	
675- 7	21.3 - 8 41	17.0	19.6	m	0.33	211	
735- 6	21.8 -15 07	16.2	17.5	m	0.33	228	
675- 8	21.9 - 4 27	14.2	15.8	m	1.30	241	
675- 9	22.4 - 5 53	16.8	18.3	m	0.27	168	
R 945*	23.3 -11 57	12.1	12.0	g	0.27	175	LTT 4701, 0.28, 170°.
R 696*	23.4 -13 08	12.0	13.0	g-k	0.42	264	LTT 4703, 0.40, 275°.
735- 9	24.4 -15 11	14.5	15.8	k-m	0.28	141	
675- 11	25.8 - 7 53	17.7	18.9	m	0.28	231	
R 947*	25.8 - 9 39	14.5	14.8	k	0.29	236	LTT 4726, 0.28, 232°.
-6: 3580*	26.2 - 7 15	10.8	11.3	f-g	0.27	250	LTT 4729, 0.30, 251°.
735- 11*	26.4 -10 23	11.3	11.8	g	0.31	276	Ft. comp. to R 948, 222°, 4".



LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
R 948*	12 <sup>h</sup> 26.4 -10° 23'	11.0	11.5	g	0.31	276°	LTT 4730, 0:26, 269°.
735- 13	26.4 -15 06	13.0	13.5	g	0.28	283	
735- 14	27.4 -10 10	15.7	16.5	m	0.50	146	
675- 13	28.8 - 6 22	15.0	16.5	m	0.50	117	
735- 15	29.0 -12 04	12.7	13.7	k	0.27	266	
-7: 3425*	30.2 - 8 23	10.1	10.5	f-g	0.25	155	LTT 4760, 0:24, 136°.
735- 16	30.2 -15 13	15.9	17.7	m	0.26	227	
675- 15	31.0 - 5 37	14.4	15.3	k	0.30	199	
675- 16	31.0 - 7 23	15.2	16.7	k	0.25	234	
-10: 3494*	31.0 -11 20	—	8.5	f-g	0.29	314	LTT 4770, 0:23, 295°.
R 951*	31.6 -11 10	12.8	13.2	g	0.29	264	LTT 4773, 0:27, 258°.
675- 17	32.2 - 8 30	16.3	17.5	m	0.25	259	
735- 19	32.2 -10 31	13.2	14.5	k	0.34	255	
735- 20	32.8 -11 58	16.0	16.8	m	0.32	227	
675- 18*	33.2 - 7 09	13.5	14.4	k	0.29	268	L 903-26, 0:24, 280°.
735- 21	33.7 -11 07	15.1	15.8	k-m	0.43	162	
675- 19*	33.8 - 4 07	12.7	13.6	k	0.49	255	L 975-27, 0:50, 252°.
735- 22	33.9 - 9 48	14.1	14.8	k-m	0.49	279	
735- 23	34.2 -11 37	14.5	14.8	g-k	0.39	164	
675- 20	35.3 - 9 13	13.8	15.3	m	0.77	139	
675- 21	35.4 - 7 21	16.8	17.8	m	0.30	245	
675- 22*	36.1 - 5 51	12.8	13.6	m	0.44	214	L 903- 9, 0:44, 209°.
735- 24*	36.3 - 9 46	13.5	14.4	m	0.35	283	L 903-53, 0:37, 275°.
735- 25	37.4 -12 37	15.6	16.5	k	0.29	271	
735- 26	38.1 -10 12	17.4	19.3	m	0.37	247	
735- 27	38.2 -12 57	16.5	17.8	m	0.30	261	
675- 24	38.8 - 5 36	14.1	15.2	k	0.10	217	
675- 25*	38.9 - 5 35	16.1	18.0	m	0.10	217	Ft. comp. to 24, 69°, 43".
735- 28	39.3 -13 18	16.0	14.8	a	0.31	235	
675- 27*	41.3 - 9 04	13.4	15.3	k-m	0.31	230	L 903-48, 0:32, 223°.
735- 29	41.4 -10 54	13.6	15.1	m	0.48	253	
796- 1	41.4 -15 59	14.0	16.1	m	0.41	279	
736- 2*	41.6 -15 29	12.8	12.7	f	0.23	253	L 759- 6, 0:24, 254°.
796- 2	41.8 -17 56	15.0	16.8	m	0.25	239	
R 704*	42.1 -15 06	12.1	13.7	k	0.52	237	LTT 4870, 0:50, 244°.
736- 4	42.3 -10 34	14.9	14.8	a	0.37	259	
796- 3*	42.7 -16 07	14.3	15.5	k-m	0.31	165	L 760- 9, 0:45, 154°.
736- 5	42.8 -15 32	14.6	16.1	k-m	0.56	282	
796- 5	43.3 -19 10	17.5	19.7	m	0.43	136	
796- 6*	44.4 -18 47	11.7	13.3	m	0.27	204	L 759-53, 0:22, 198°.
796- 7	44.7 -18 43	16.5	17.5	m	0.26	251	
736- 6	45.2 -11 58	15.2	16.4	m	0.25	285	
736- 7	45.2 -10 08	14.7	16.8	m	0.34	251	
796- 8	46.3 -20 56	14.5	16.5	m	0.29	278	
736- 9	46.6 -11 47	16.9	19.4	m	0.27	268	
736- 10	47.4 -11 48	16.6	18.3	m	0.44	258	
-16: 3543*	47.6 -17 08	10.2	11.8	m	0.51	316	LTT 4909, 0:50, 316°.
796- 10*	47.8 -18 32	12.2	13.6	m	0.28	246	L 760-56, 0:23, 233°.
796- 11	48.8 -19 33	14.2	16.3	m	0.30	212	
796- 12	49.3 -15 58	16.2	18.4	m	0.44	238	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
736- 11	12 <sup>h</sup> 49.6 -14° 35'	15.4	15.7	g-k	0.24	155°	
736- 12	49.8 -12 11	15.3	15.8	k	0.26	249	
796- 13	50.2 -20 08	16.3	18.2	m	0.26	257	
736- 13	50.7 -15 28	15.7	17.1	m	0.36	251	
796- 15	52.2 -17 22	18.5	18.8	k	0.30	284	
736- 14	52.7 -12 34	19.0	19.2	g-k	0.28	133	
736- 15	53.4 -12 41	16.9	19.4	m	0.34	236	
736- 16	53.8 -10 20	16.9	19.2	m	0.42	223	
796- 16	53.9 -20 46	13.2	15.8	m	0.25	278	
796- 17	55.1 -21 33	11.9	12.8	g	0.09	274	
796- 18*	55.1 -21 33	12.2	13.5	g	0.09	274	Ft. comp. to 17, 50°, 25'5.
796- 19	56.4 -17 58	16.2	17.8	m	0.28	224	
736- 17*	57.0 -14 02	13.4	15.3	m	0.32	156	L 832- 32, 0'33, 157°.
736- 18	57.2 -11 37	14.6	16.2	k-m	0.32	205	
796- 20	57.4 -18 42	13.4	15.2	m	0.47	269	
796- 21	57.7 -21 03	14.1	16.4	m	0.38	260	
796- 22	57.8 -20 17	17.3	19.8	m	0.25	180	
796- 23	58.0 -15 51	18.9	21.2	m	0.28	237	
796- 24	58.0 -19 54	14.6	16.5	m	0.33	240	
796- 25	58.3 -18 54	15.3	16.6	k-m	0.32	248	
796- 26	58.3 -20 29	14.1	16.0	m	0.33	295	
796- 27	58.6 -17 55	13.3	15.3	m	0.30	282	
796- 28*	59.1 -18 32	11.7	12.8	k	0.31	288	L 760-131, 0'32, 284°.
796- 29*	59.2 -18 33	17.2	20.0	m	0.31	288	Ft. comp. to 28, 121°, 149".
796- 30	59.2 -19 03	14.0	16.2	m	0.29	273	
736- 19	59.4 -10 07	16.2	17.3	m	0.29	195	
736- 20	59.5 - 9 34	17.0	18.7	m	0.35	178	
796- 31	59.6 -17 33	16.1	18.4	m	0.32	273	
736- 21	59.7 -12 58	15.8	16.5	k	0.24	264	
796- 32	59.7 -19 04	15.1	17.2	m	0.63	175	
796- 33	13 00.1 -19 40	16.6	18.8	m	0.25	255	
736- 22	00.2 -12 18	17.0	18.0	m	0.24	282	
796- 34	00.7 -15 33	16.8	19.2	m	0.25	95	
796- 35	00.8 -20 35	17.1	19.7	m	0.27	287	
796- 36	01.4 -21 26	17.1	20.6	m	0.34	257	
736- 23	02.6 -10 50	17.9	20.6	m	0.24	241	
796- 37	03.1 -18 42	14.4	16.7	m	0.33	118	
736- 24	03.4 -10 04	18.5	20.8	m	0.39	284	
736- 25	04.0 -13 01	14.1	15.8	m	0.48	297	
736- 26	04.2 -11 18	17.0	19.8	m	0.26	128	
796- 38*	04.7 -21 12	12.3	13.5	m	0.31	212	L 689-18, 0'33, 205°.
736- 27	04.8 -10 05	15.2	16.8	m	0.37	267	
677- 1	05.0 - 8 34	16.4	17.7	m	0.46	194	
796- 39	05.5 -20 12	15.8	17.3	m	0.34	260	
737- 1	05.6 -12 35	16.0	17.0	k	0.30	187	
737- 2	05.7 -12 55	14.3	15.8	m	0.33	155	
737- 3	05.8 -15 02	16.4	17.7	m	0.33	218	
-3: 3414*	06.2 - 3 43	11.7	12.4	g	0.26	251	LTT 5032, 0'25, 250°.
737- 4	06.8 -11 38	17.7	19.8	m	0.25	275	
737- 5	08.0 - 9 39	17.9	20.6	k-m	0.28	329	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
677- 4	13 <sup>h</sup> 08. <sup>m</sup> 2 - 4° 17'	18.6	20.6	m	0.25	247°	
677- 5	08.8 - 7 56	14.9	16.3	m	0.11	284	
677- 6*	08.8 - 7 56	16.8	18.5	m	0.11	284	Ft. comp. to 5, 45°, 24"5.
677- 7	09.4 - 9 33	18.2	20.8	m	0.25	243	
677- 8	10.6 - 7 26	14.9	16.2	m	0.23	218	
677- 9*	10.6 - 7 26	15.5	16.6	m	0.23	218	Ft. comp. to 8, 45°, 10".
677- 10	11.2 - 4 14	12.8	14.7	m	0.12	241	
677- 11*	11.2 - 4 14	14.8	16.3	m	0.12	241	Ft. comp. to 10, 211°, 20".
737- 7	11.2 -15 16	12.8	14.7	m	0.36	266	
737- 8	11.3 -13 13	17.1	18.7	m	0.25	216	
677- 13*	11.8 - 3 50	12.7	13.5	k	0.58	288	L 977-51, 0"58, 288°.
737- 9	11.8 -14 09	16.2	18.2	m	0.24	281	
R 466*	12.6 -10 46	11.9	12.2	g-k	0.26	213	LTT 5081, 0"23, 205°.
737- 11	13.0 -14 18	16.8	18.5	m	0.25	254	
677- 14	13.4 - 5 02	17.2	20.3	m	0.26	152	
737- 12	13.4 - 9 44	17.2	16.4	f	0.25	133	
737- 13	14.0 - 9 32	15.7	16.8	m	0.24	257	
737- 14*	14.1 -12 05	12.8	14.7	m	0.29	259	L 833-38, 0"29, 273°.
677- 15	14.2 - 6 50	15.6	17.0	m	0.48	258	
677- 16	14.3 - 4 32	15.9	17.0	k-m	0.30	204	
737- 15*	14.9 -11 07	14.1	15.3	k	0.25	154	L 833-18, 0"28, 138°.
-14: 3687*	15.6 -14 30	10.4	11.8	k-m	0.41	236	LTT 5108, 0"42, 238°.
677- 17	15.8 - 5 01	12.7	13.5	k	0.17	284	
677- 18*	15.9 - 5 02	16.9	18.8	m	0.17	284	Ft. comp. to 17, 148°, 58".
677- 19	16.0 - 4 36	16.8	18.5	m	0.26	219	
677- 20	16.3 - 4 20	17.5	20.8	m	0.37	167	
R 469*	16.4 - 9 37	13.1	15.0	k-m	0.39	141	LTT 5118, 0"38, 139°.
737- 19	16.4 -14 58	13.6	15.0	m	0.32	165	
737- 18*	16.4 -14 58	18.9	21.+	m	0.32	165	Ft. comp. to 19, 254°, 30".
677- 23	16.8 - 9 23	13.2	14.8	g	0.12	258	
677- 24	17.0 - 7 07	16.5	18.3	m	0.25	151	
R 470*	17.2 - 9 35	11.7	12.4	k	0.24	271	LTT 5130, 0"24, 271°.
677- 25*	17.4 - 9 24	15.7	17.0	k	0.12	258	Ft. comp. to 23, 104°, 520".
677- 26	17.9 - 3 41	15.3	17.0	k-m	0.88	288	
R 471*	18.0 -12 11	12.9	13.0	g-k	0.29	255	LTT 5139, 0"28, 257°.
677- 27*	18.2 - 7 38	10.7	12.2	g	0.28	207	L 905-19, 0"25, 207°.
677- 28	18.4 - 3 55	17.4	18.8	m	0.37	183	
737- 22	19.1 -10 43	18.6	17.5	b	0.30	261	
677- 29	19.3 - 5 40	16.6	18.3	m	0.38	277	
-8: 3540*	19.4 - 8 48	—	9.3	k	0.22	244	LTT 5151, 0"21, 256°.
737- 23	20.2 -10 32	14.1	15.3	k	0.11	245	
737- 24*	20.2 -10 32	14.4	15.4	k	0.11	245	Ft. comp. to 23, 6°, 15".
737- 25	20.6 - 9 32	17.7	21.0	m	0.44	307	
677- 31	21.2 - 4 18	15.9	16.6	k	0.31	255	
737- 26	21.7 -11 20	17.8	21.0	m	0.37	281	
737- 27*	21.8 -15 01	11.9	12.8	m	0.43	248	L 762- 3, 0"38, 249°.
677- 32	21.9 - 5 30	16.1	17.2	m	0.39	260	
737- 28	21.9 -10 42	16.0	17.2	m	0.26	208	
677- 34	22.2 - 7 27	14.5	16.6	m	0.17	240	
737- 29*	22.6 -11 12	11.2	12.7	k	0.25	333	{ L 833-20, 0"25, 339°, angle erroneously given as 201°.

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
677- 35	13 <sup>h</sup> 22.7 - 7° 29'	14.9	16.0	m	0.13	209°	
677- 36*	22.7 - 7 29	17.0	18.4	m	0.13	209	Ft. comp. to 35, 302°, 11".
737- 30	22.7 -15 32	13.0	14.8	k-m	0.09	223	
737- 31*	22.7 -15 32	15.6	17.1	m	0.09	223	Ft. comp. to 30, 131°, 24".
R 984*	23.2 - 5 30	12.7	13.8	k	0.38	264	L 905-36, 0 <sup>h</sup> 39, 288°.
677- 38	24.4 - 7 24	15.4	16.8	k-m	0.32	228	
677- 39	25.1 - 4 56	15.8	16.6	k	0.30	281	
677- 40	25.4 - 4 47	14.6	15.8	k	0.24	292	
677- 41*	25.4 - 4 47	17.6	20.7	m	0.24	292	Ft. comp. to 40, 35°, 8".
737- 32	26.0 - 9 32	18.7	21.0	m	0.56	248	
737- 34	26.2 -11 20	13.4	15.3	k-m	0.13	244	
737- 33*	26.2 -11 20	15.7	17.2	k-m	0.13	244	Ft. comp. to 34, 204°, 14".
677- 42	26.4 - 4 21	12.4	13.3	k	0.11	288	
677- 43*	26.4 - 4 21	14.3	15.8	m	0.11	288	Ft. comp. to 42, 167°, 18".
677- 44	27.3 - 9 32	16.9	18.8	m	0.28	194	
R 476*	27.4 - 8 26	13.4	15.5	m	1.18	247	LTT 5214, 1 <sup>h</sup> 21, 247°, if comp to -7: 3632, 199°, 501".
-7: 3632*	27.7 - 8 18	12.8	13.0	a	1.19	248	
737- 36	27.7 - 9 43	16.4	17.8	m	0.24	278	LTT 5215, 1 <sup>h</sup> 17, 249°.
737- 37	27.9 -14 45	15.6	17.4	m	0.33	145	
677- 47	28.8 - 9 04	16.9	17.8	m	0.27	234	
678- 2	29.2 - 6 43	17.6	18.8	m	0.26	201	
738- 1	30.0 - 9 50	18.6	19.2	k	0.27	129	
678- 3	31.0 - 7 53	18.1	20.7	m	0.23	283	
738- 2	31.0 -15 36	15.4	16.8	m	0.38	215	
678- 4	31.4 - 8 10	15.0	16.2	m	0.24	109	
678- 5	31.5 - 8 34	18.0	20.4	m	0.23	224	
678- 6	32.6 - 9 23	16.8	18.6	m	0.25	287	
678- 7	33.1 - 8 28	16.2	17.6	m	0.45	140	
678- 8	33.2 - 5 27	17.0	16.5	f-g	0.25	286	
738- 3	33.2 -10 01	14.8	15.7	k-m	0.25	274	
678- 9	33.6 - 7 00	17.1	18.8	m	0.31	184	
678- 10	33.8 - 3 56	16.8	18.2	m	0.25	181	
678- 11	34.2 - 8 54	15.1	16.8	m	0.34	252	
738- 4*	34.4 -12 21	14.4	15.8	m	0.44	264	L 834-58, 0 <sup>h</sup> 47, 265°.
678- 12	34.5 - 4 32	14.3	16.0	m	0.36	241	
678- 13	34.7 - 8 35	15.7	16.9	m	0.25	284	
678- 14	35.8 - 8 16	16.8	17.2	k	0.24	208	
678- 15	36.3 - 7 56	15.9	16.5	k-m	0.23	146	
678- 16*	36.4 - 6 29	14.1	15.7	m	0.41	226	L 906-17, 0 <sup>h</sup> 43, 233°.
678- 17	36.5 - 4 19	18.2	19.5	m	0.37	191	
678- 18	37.0 - 9 21	18.4	18.6	f	0.31	234	
678- 19	37.2 - 5 09	16.9	17.3	k	0.31	203	
738- 5*	37.9 -14 32	12.8	15.3	m	0.45	225	L 834-129, 0 <sup>h</sup> 39, 237°.
738- 6	38.4 -11 23	18.3	20.6	m	0.25	202	
738- 7*	38.9 -13 46	13.1	14.8	k-m	0.31	160	L 834-103, 0 <sup>h</sup> 30, 163°.
678- 20	39.2 - 6 35	16.7	18.4	m	0.21	246	
738- 8	39.2 - 9 46	17.9	20.2	m	0.26	187	
678- 22	40.4 - 8 30	17.8	19.1	m	0.34	154	
678- 23	40.8 - 5 41	16.8	18.2	m	0.22	145	
678- 24	41.1 - 7 07	17.5	18.5	m	0.28	237	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
-8: 3624*	13 <sup>h</sup> 41 <sup>m</sup> 2 - 9° 14'	12.0	13.7	m	0.28	253°	LTT 5322, 0.25, 249°.
738- 9	42.2 -12 10	16.1	17.5	m	0.42	270	
678- 26	42.6 - 8 18	17.6	18.8	m	0.26	263	
738- 10	42.9 -15 14	17.4	17.0	a	0.36	268	
678- 27	43.1 - 9 14	18.8	20.6	m	0.32	236	
678- 28	43.7 - 5 42	16.2	17.5	m	0.24	260	
678- 29	43.8 - 3 46	16.8	18.5	m	0.54	291	
738- 12	44.6 -12 51	16.2	17.6	m	0.25	233	
738- 11*	44.6 -12 51	16.9	19.2	m	0.25	233	Ft. comp. to 12, 317°, 12".
678- 30	44.9 - 9 09	17.2	17.8	m	0.26	190	
738- 13	45.3 -12 49	18.3	20.4	m	0.26	238	
738- 14	45.5 -13 29	14.3	16.0	m	0.85	234	
678- 31	45.8 - 6 36	15.8	16.8	m	0.12	265	
678- 32*	45.8 - 6 36	15.9	17.0	m	0.12	265	Ft. comp. to 31, 3°, 22".
678- 34	46.2 - 5 22	16.2	17.4	m	0.39	145	
678- 35	46.5 - 4 52	14.6	16.0	m	0.30	249	
678- 36	47.2 - 9 17	17.1	18.0	m	0.23	206	
678- 37	47.7 - 5 26	18.1	19.7	m	0.21	300	
738- 15	47.7 -10 07	12.8	14.8	m	0.47	218	
678- 38	48.3 - 4 44	17.6	18.9	m	0.40	264	
738- 16	48.3 -12 15	17.7	20.7	m	0.37	276	
678- 39	48.6 - 8 21	16.0	16.8	m	0.25	182	
678- 40	49.2 - 8 49	15.7	16.8	m	0.28	248	
678- 41	49.7 - 7 17	17.6	18.5	m	0.23	248	
678- 42	50.1 - 7 28	15.8	17.4	m	0.28	223	
738- 17	50.2 -14 02	13.9	15.6	m	0.26	240	
678- 43*	50.6 - 9 01	15.6	15.0	a	0.46	135	L 907-37, 0.43, 135°.
678- 44	50.8 - 5 42	15.8	16.6	k-m	0.23	274	
678- 45	51.4 - 5 37	14.5	15.8	m	0.21	257	
738- 18	51.4 - 9 41	17.4	19.8	m	0.25	214	
738- 19	51.7 -10 16	15.7	16.8	k	0.26	156	
678- 46	52.3 - 9 30	17.3	18.6	m	0.24	268	
738- 20	52.4 - 9 44	17.0	18.8	m	0.29	253	
678- 47	52.5 - 7 53	15.8	16.7	k-m	0.46	257	
678- 48*	52.6 - 8 28	13.2	15.4	m	0.25	279	L 907-32, 0.21, 287°.
799- 1	52.7 -18 28	17.6	19.8	m	0.34	253	
738- 21	52.8 - 9 54	18.0	20.6	m	0.53	222	
678- 49*	53.0 - 7 09	12.4	14.3	m	0.26	108	L 907-18, 0.25, 113°.
678- 50	53.0 - 7 48	15.4	16.6	m	0.28	234	
738- 22	53.2 -13 28	17.8	19.6	m	0.27	235	
679- 3	53.9 - 5 24	16.4	18.0	m	0.22	236	
799- 2	53.9 -16 32	17.3	17.6	g-k	0.29	204	
-6: 3907*	54.1 - 7 04	9.2	11.0	k	0.27	171	LTT 5436, 0.32, 171°.
799- 3	54.1 -17 15	19.1	21. +	m	0.39	236	
679- 5	54.2 - 8 42	18.7	21.2	m	0.42	270	
739- 1	54.4 -12 56	16.7	18.6	m	0.30	178	
799- 4	54.5 -18 33	16.1	18.0	m	0.27	253	
679- 6	54.7 - 4 00	17.1	18.1	m	0.28	232	
679- 7	54.7 - 5 07	18.5	18.0	f	0.24	155	
799- 5	54.9 -20 50	17.0	18.8	m	0.27	226	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
679- 8	13 <sup>h</sup> 55.0 - 5° 10'	15.9	17.1	m	0.21	295°	
679- 10*	55.1 - 9 02	13.6	15.3	k-m	0.12	265	Ft. comp. to 9, 15°, 46".
679- 9	55.1 - 9 03	13.2	14.8	k-m	0.12	265	
679- 11	55.4 - 8 33	18.6	21.0	m	0.27	163	
739- 2	55.6 -11 48	13.7	15.5	m	0.35	278	
739- 3	55.6 -13 02	13.3	15.3	m	0.38	97	
799- 6	55.7 -20 05	14.9	16.4	m	0.28	143	
799- 7*	56.4 -19 36	12.3	14.6	m	0.56	249	L 763-63, 0°59, 253°.
739- 4	56.6 -12 54	15.2	17.0	m	0.29	276	
739- 5*	56.6 -13 27	12.8	13.5	k	0.37	195	L 835-46, 0°41, 208°.
739- 6	56.7 -12 06	16.0	17.7	m	0.27	243	
799- 9	56.7 -16 42	19.0	21.+	m	0.26	239	
799- 8	56.7 -20 09	16.0	17.3	k-m	0.24	239	
799- 10	56.8 -20 10	16.2	17.6	k-m	0.31	274	
679- 13*	57.3 - 5 09	12.3	13.2	k	0.28	275	L 979-81, 0°26, 277°.
799- 11	57.7 -17 12	17.8	19.9	m	0.27	221	
799- 12	58.0 -21 03	16.6	19.0	m	0.32	128	
739- 7	58.2 -15 22	16.6	17.6	m	0.40	206	
739- 8	58.3 -11 32	16.6	18.0	m	0.35	259	
679- 14	58.4 - 6 32	16.5	17.5	k-m	0.21	184	
739- 10	58.8 -11 48	13.9	15.3	m	0.11	143	
739- 9*	58.8 -11 48	15.0	16.3	m	0.11	143	Ft. comp. to 10, 348°, 17".
679- 15	59.3 - 9 20	13.5	15.2	k-m	0.29	242	
679- 16	59.4 - 6 37	16.2	17.7	m	0.27	237	
739- 12	59.5 -14 00	14.7	15.5	m	0.22	230	
739- 13	59.6 -13 56	16.9	19.5	m	0.97	247	
739- 14	59.7 -13 35	15.1	16.4	m	0.14	157	
739- 15*	59.7 -13 35	17.6	20.7	m	0.14	157	Ft. comp. to 14, 142°, 26°5.
799- 14*	59.7 -20 46	12.5	13.8	m	0.63	126	L 691- 8, 0°64, 125°.
799- 15	59.8 -20 26	15.2	16.7	m	0.17	261	
799- 16*	59.8 -20 26	16.4	17.8	m	0.17	261	Ft. comp. to 15, 108°, 9°5.
R 841*	59.9 - 5 25	12.0	12.4	g-k	0.41	186	LTT 5476, 0°39, 185°.
679- 18	14 00.0 - 7 22	17.3	16.6	a	0.30	256	
739- 16*	00.2 -13 23	10.7	11.8	k	0.23	319	L 835-45, 0°24, 317°.
739- 17*	00.7 -12 20	12.2	13.7	m	0.25	197	L 835-32, 0°24, 187°.
799- 17	00.8 -18 25	15.2	16.3	k-m	0.67	211	
R 842*	00.9 -10 22	11.3	13.0	m	0.23	256	LTT 5489, 0°25, 263°.
739- 19	01.0 -14 58	18.1	17.8	a	0.40	203	
739- 20	01.3 -13 44	15.7	17.2	m	0.32	156	
679- 20	01.4 - 7 50	15.8	16.6	k	0.44	194	
739- 21	01.4 - 9 54	15.4	16.7	m	0.25	300	
739- 22	01.5 -10 27	17.8	19.7	m	0.24	248	
799- 18	01.8 -21 33	14.6	16.6	m	0.24	265	
799- 19	01.9 -19 34	15.8	17.4	m	0.24	238	
799- 20	02.0 -17 10	16.8	18.2	m	0.20	203	
679- 21	02.3 - 5 17	18.3	17.5	g	0.24	253	
799- 21	02.3 -16 53	17.6	18.6	k	0.34	272	
679- 22*	02.4 - 6 31	12.8	13.5	k	0.32	225	L 907-10, 0°29, 214°.
799- 22	02.9 -15 48	16.1	17.7	m	0.24	214	
679- 23	03.0 - 5 53	15.7	16.8	m	0.24	275	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
-15:3808*	14 <sup>h</sup> 03.7 <sup>m</sup> -15° 58'	9.4	10.6	g-k	0.25	239°	LTT 5500, 0.23, 225°.
739- 23	03.9 -11 49	17.5	20.2	m	0.26	162	
679- 24	04.7 - 4 39	17.2	18.5	m	0.31	161	
679- 25	04.7 - 6 06	16.5	17.4	m	0.29	210	
799- 25	04.7 -16 40	14.8	16.3	k-m	0.14	270	
799- 24*	04.7 -16 40	15.4	16.9	k-m	0.14	270	Ft. comp. to 25, 330°, 25".
679- 26	05.0 - 5 46	15.8	17.4	m	0.73	204	
739- 24	05.2 -10 18	16.4	16.8	k	0.13	191	
739- 25*	05.2 -10 18	17.4	18.5	m	0.13	191	Ft. comp. to 24, 170°, 29".
679- 27	05.3 - 8 07	15.0	16.4	m	0.33	238	
799- 26	05.3 -16 54	14.6	16.1	m	0.29	292	
799- 27	05.4 -16 44	15.8	17.0	k	0.37	240	
679- 28	05.6 - 6 24	16.2	16.9	k	0.25	225	
679- 29*	05.6 - 7 50	12.2	13.5	m	0.22	297	L 908-59, 0.21, 284°.
739- 26	05.9 -13 57	13.5	15.3	m	0.44	247	
R 843*	06.5 -10 32	12.9	14.6	m	0.33	235	LTT 5525, 0.34, 242°.
799- 28	07.0 -18 41	15.8	16.2	k	0.26	248	
739- 28	07.2 -13 03	15.9	16.3	g-k	0.32	199	
-13:3834*	07.7 -13 42	10.9	11.8	k	0.58	215	LTT 5537, 0.50, 215°.
679- 30	08.0 - 8 13	16.8	17.2	k	0.27	248	
739- 30	08.3 -14 07	15.9	17.2	m	0.33	260	
799- 29*	08.7 -16 56	12.3	12.8	g	0.24	249	L 764-34, 0.21, 252°.
799- 30*	09.4 -18 14	13.2	15.4	m	0.37	148	L 764-63, 0.39, 151°.
679- 32	09.5 - 4 00	17.0	18.8	m	0.34	116	
679- 33	09.5 - 6 43	18.8	21.+	m	0.25	267	
679- 34*	09.6 - 5 24	14.4	15.6	k-m	0.31	225	L 908- 5, 0.23, 214°.
739- 31	09.6 -13 42	17.9	20.6	m	0.27	244	
739- 32*	10.0 -13 27	13.5	15.4	m	0.75	238	L 836-86, 0.75, 239°.
739- 33	10.1 -14 30	13.5	14.5	m	0.27	205	
R 845*	10.4 -11 47	13.2	14.8	m	0.71	238	LTT 5568, 0.79, 236°.
799- 31	10.4 -21 18	18.1	21.2	m	0.29	161	
R 846*	10.5 - 5 15	12.3	13.8	m	0.35	270	LTT 5567, 0.28, 275°.
679- 37*	10.6 - 7 20	13.3	14.4	m	0.25	262	L 908-49, 0.24, 255°.
679- 38	11.4 - 9 17	16.5	17.6	m	0.23	270	
679- 39*	11.7 - 4 40	13.5	14.5	m	0.22	236	L 980-63, 0.20, 228°.
799- 32	12.6 -18 17	16.5	17.3	k-m	0.24	295	
799- 33	12.6 -21 35	17.9	21.0	m	0.29	235	
739- 35	12.8 -11 42	12.2	13.3	k	0.22	299	
799- 34	12.8 -20 57	17.5	19.2	m	0.28	253	
739- 36*	13.1 -13 15	12.1	14.5	m	0.40	255	L 836-82, 0.42, 255°.
739- 37	13.0 -11 47	16.8	18.3	m	0.35	188	
679- 40	13.3 - 4 21	15.7	17.0	k-m	0.40	142	
679- 41	13.5 - 3 46	17.3	18.2	m	0.24	248	
679- 42	13.7 - 3 42	16.9	17.6	k-m	0.26	224	
679- 43	13.7 - 8 46	17.8	19.5	m	0.48	236	
739- 38	13.7 -10 56	16.6	17.9	m	0.28	191	
-4:3658*	14.5 - 4 36	8.5	9.7	k-m	0.28	258	{ LTT 5613, 0.25, 264°.
679- 45	14.8 - 7 53	18.7	21.2	m	0.24	207	{ Yale, 0.27, 266°.
739- 41	14.8 -14 51	13.6	15.2	m	0.12	218	
739- 40*	14.8 -14 52	16.1	17.5	m	0.12	218	Ft. comp. to 41, 192°, 64".

LP	RA (1950) Dec	$m_R$	$m_{pg}$	Sp	$\mu$	$\theta$	NOTES
799- 35	14 <sup>h</sup> 14.8 <sup>m</sup> -17° 59'	13.7	15.5	m	0.32	228°	
739- 44	14.9 -14 49	16.4	17.8	m	0.28	254	
739- 42*	14.9 -15 34	12.7	13.9	k-m	0.25	158	L 764- 6, 0'25, 160°.
739- 43*	14.9 -15 34	17.0	19.0	m	0.25	158	Ft. comp. to 42, 0°, 14".
679- 46	15.3 - 8 10	18.1	18.6	k	0.21	195	
679- 47	15.4 - 5 19	16.2	17.7	m	0.27	256	
679- 48	15.4 - 6 22	17.1	18.5	m	0.24	229	
679- 49	15.4 - 8 20	15.2	16.6	m	0.26	103	
679- 50	15.5 - 5 08	16.4	17.3	m	0.23	264	
679- 51*	15.5 - 5 08	17.2	19.8	m	0.23	264	Ft. comp. to 50, 52°, 1'5.
739- 45	15.6 -13 10	16.0	17.4	m	0.37	242	
679- 52	16.0 - 6 36	16.8	17.8	m	0.36	208	
739- 46*	16.5 -14 49	15.9	17.2	m	0.24	275	Possibly a comp. to 47, 289°, 177".
W 534*	16.6 - 7 04	13.3	15.4	m	1.34	235	LTT 5632, 1'36, 232°.
739- 47	16.7 -14 50	14.7	16.4	m	0.23	284	
799- 38	17.0 -17 01	16.0	17.5	k-m	0.27	263	
800- 1	19.2 -17 36	16.0	17.8	m	0.33	207	
800- 2	20.0 -18 27	17.2	18.5	k	0.32	235	
800- 3	21.4 -20 31	12.7	14.4	k	0.57	182	
800- 4	21.8 -18 40	18.8	21.0	m	0.31	246	
800- 5	22.0 -17 01	15.8	17.5	m	0.46	165	
800- 6	22.7 -20 02	14.1	16.2	m	0.56	286	
800- 7	23.1 -15 47	17.1	18.4	m	0.25	240	
800- 8	23.2 -17 34	15.8	16.3	g-k	0.28	229	
800- 9	23.2 -19 51	16.7	18.5	m	0.31	149	
800- 10	23.4 -19 22	13.9	16.0	m	0.46	249	
800- 11*	23.7 -20 58	12.3	13.2	g-k	0.30	207	L 693-24, 0'30, 211°.
800- 12	24.9 -15 57	16.4	17.6	m	0.26	164	
800- 13	25.6 -18 40	15.7	17.2	m	0.55	217	
800- 14	25.8 -16 30	16.2	17.7	m	0.29	294	
W 1477*	26.0 -16 12	11.9	13.0	k-m	0.33	215	LTT 5719, 0'30, 218°.
800- 16	27.2 -16 13	15.6	17.0	m	0.29	222	
800- 17	29.6 -15 53	16.3	17.8	m	0.28	186	
800- 18	30.2 -16 27	16.7	17.9	m	0.10	156	
800- 19*	30.2 -16 27	17.2	19.5	m	0.10	156	Ft. comp. to 18, 5°, 9".
800- 21	30.6 -20 21	15.1	16.4	k-m	0.16	264	
800- 20*	30.6 -20 21	16.7	18.0	k-m	0.16	264	Ft. comp. to 21, 188°, 14".
800- 22	30.7 -15 54	16.0	17.3	m	0.28	263	
800- 23	30.7 -18 13	13.9	16.0	m	0.63	265	
800- 24	31.3 -18 11	13.7	16.2	m	0.48	254	
800- 25	33.4 -16 11	16.2	17.5	m	0.34	252	
800- 26*	35.6 -19 27	10.2	11.0	g-k	0.09	245	-19: 3918.
800- 27*	35.6 -19 27	10.7	11.7	g-k	0.09	245	Ft. comp. to 26, 218°, 14".
800- 28	36.8 -19 51	17.2	19.0	m	0.32	210	
800- 29	38.8 -17 21	16.8	18.7	m	0.42	236	
W 1501*	39.2 -16 40	13.1	14.6	m	0.30	216	LTT 5836, 0'28, 205°.
800- 31	39.4 -19 35	18.2	18.8	g-k	0.57	253	
741- 1*	41.2 -10 18	12.5	13.4	k	0.39	231	L 837- 1, 0'35, 224°.
741- 2*	41.2 -11 40	12.1	12.2	f-g	0.50	260	L 837-19, 0'50, 259°.
800- 32	41.4 -20 20	17.6	19.2	m	0.36	241	



LP	RA (1950) Dec	$m_R$	$m_{pg}$	Sp	$\mu$	$\theta$	NOTES
800- 33	14 <sup>h</sup> 41 <sup>m</sup> 14.8 -20° 57'	14.1	15.5	m	0.45	233°	
741- 4	42.7 -12 59	14.2	15.6	m	0.48	139	
741- 3*	42.7 -12 59	14.3	15.7	m	0.48	139	Ft. comp. to 4, 225°, 20".
741- 5	44.0 -15 32	14.7	16.0	m	0.25	162	
-9: 3990*	44.2 - 9 46	10.0	10.5	g	0.21	238	Yale, 0"19, 243°.
741- 7	44.3 -14 48	18.5	21.0	m	0.39	240	
R 499*	44.4 -12 32	12.1	13.4	m	0.56	246	LTT 5870, 0"51, 248°.
741- 8	47.0 -10 38	17.2	18.8	m	0.31	259	
741- 10	47.3 -13 34	17.0	18.0	k-m	0.30	240	
741- 11	48.4 -13 10	16.9	18.4	m	0.41	281	
741- 12	49.1 -12 37	17.3	18.8	m	0.35	219	
741- 13	49.4 -11 30	18.5	21.2	m	0.33	219	
R 500*	49.8 -12 27	12.5	14.0	m	0.44	278	LTT 5908, 0"43, 278°.
741- 17*	50.6 -11 23	13.2	14.6	m	0.51	220	L 838-24, 0"53, 222°.
R 501*	50.7 -15 34	13.4	14.7	m	0.52	158	LTT 5918, 0"56, 154°.
741- 19*	52.3 -11 11	12.8	14.5	m	0.41	176	L 838-23, 0"44, 176°.
741- 20	52.8 -15 21	14.2	15.6	m	1.73	209	
741- 22	53.3 -10 44	10.8	11.5	k	0.22	304	
741- 21*	53.3 -10 44	16.8	18.0	m	0.22	304	Ft. comp. to 22, 315°, 9"5.
741- 23	54.0 -14 56	17.1	19.0	m	0.36	139	
741- 24	54.4 -15 23	16.3	17.5	m	0.25	193	
741- 25	56.6 - 9 51	15.7	17.4	m	0.27	229	
741- 27	56.9 -14 05	13.5	15.1	k-m	0.27	299	
741- 28	58.1 -15 21	15.5	16.8	k-m	0.39	250	
741- 29	58.4 -14 22	17.2	18.3	m	0.26	173	
-11: 3865*	59.8 -12 13	10.6	10.9	f-g	0.26	229	LTT 5989, 0"32, 230°.
741- 31	15 02.9 -11 49	18.9	21.+	m	0.27	230	
741- 32	03.2 -15 08	15.9	17.6	m	0.49	270	
741- 33	03.3 -14 49	16.7	17.7	k-m	0.57	248	
742- 2	07.9 -10 27	18.5	21.2	m	0.28	188	
742- 3	07.9 -12 57	15.5	17.5	m	0.31	242	
742- 4*	08.0 -15 18	11.5	13.5	k	0.25	188	L 767- 2, 0"21, 179°.
742- 5	08.2 -14 28	14.5	16.4	k-m	0.59	265	
742- 6	10.0 -15 12	15.7	17.4	m	0.24	170	
742- 7	12.6 -12 57	17.3	19.6	m	0.28	249	
742- 8	12.6 -15 13	17.3	19.8	m	0.33	262	
742- 10	14.6 -12 51	14.8	16.0	g-k	0.24	218	
742- 13*	19.2 -13 53	13.2	15.0	m	0.36	276	L 839-38, 0"34, 275°.
742- 14	19.3 -14 02	14.1	16.2	m	0.40	274	
742- 15	20.2 - 9 27	17.9	20.8	m	0.28	258	
742- 16	22.4 - 9 22	16.8	18.5	m	0.27	247	
742- 17	23.2 -11 39	15.5	17.1	m	0.28	179	
742- 18	23.7 -10 12	17.5	21.0	m+	0.27	226	
742- 20	24.8 -13 46	17.4	19.7	m	0.25	261	
742- 23	27.5 -10 21	17.9	20.7	m	0.24	178	
742- 24	28.1 -15 26	17.0	19.2	m	0.26	244	
R 805*	29.3 -11 13	12.5	13.8	k	0.37	276	LTT 6212, 0"36, 272°.
743- 3	30.5 -15 18	16.0	16.8	k	0.34	217	
743- 4	31.1 -14 07	17.3	18.5	m	0.25	232	
743- 5	31.3 - 9 30	17.5	19.3	m	0.28	201	
743- 6	31.8 -10 39	14.8	17.0	m	0.23	137	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
847- 1	9 <sup>h</sup> 48 <sup>m</sup> .7 -21° 38'	14.1	15.4	m	0.23	278°	
847- 2	49.8 -24 42	14.1	15.7	m	0.40	116	
847- 3	50.2 -21 43	16.0	17.3	m	0.14	146	
847- 4*	50.3 -25 52	12.6	13.0	g	0.22	289	L 607-24, 0 <sup>h</sup> 22, 296°.
847- 5*	52.0 -25 54	10.0	10.6	g	0.21	173	L 607-22, 0 <sup>h</sup> 24, 165°.
847- 6	55.2 -25 29	17.8	19.6	m	0.21	165	
847- 7*	57.0 -26 16	12.7	13.5	g-k	0.09	274	BPM 53296, 0 <sup>h</sup> 09, 268°.
847- 9*	57.2 -26 17	12.8	13.8	k	0.13	122	This star is 116°, 28" from 8.
847- 8*	57.2 -26 17	13.3	14.1	g-k	0.09	274	Maybe comp. to 7, 127°, 164".
847- 10	57.3 -21 19	15.6	16.8	m	0.24	272	
847- 11	57.8 -23 24	17.2	18.6	m	0.25	207	
847- 12	59.4 -23 50	15.7	17.7	m	0.33	268	
847- 13*	59.4 -23 50	17.0	18.5	m	0.33	268	
847- 14	10 01.2 -25 13	15.6	16.3	k	0.22	278	Ft. comp. to 12, 230°, 2 <sup>h</sup> 5.
847- 15	01.3 -23 50	14.0	15.7	m	0.28	281	
847- 16	03.6 -22 00	17.1	20.2	m	0.22	176	
847- 17*	04.8 -24 33	11.0	11.8	g-k	0.20	266	BPM 53401, 0 <sup>h</sup> 17, 257°.
847- 19	05.2 -26 51	11.8	12.7	g	0.11	163	
847- 18*	05.2 -26 51	13.8	14.8	k	0.11	163	Ft. comp. to 19, 208°, 18".
847- 20*	05.2 -26 59	13.3	14.0	k	0.24	273	L 608-33, 0 <sup>h</sup> 22, 260°.
-25:7792*	06.8 -25 57	11.2	11.8	k	0.21	313	LTT 3713, 0 <sup>h</sup> 31, 316°.
847- 22	07.1 -21 43	17.3	18.8	m	0.29	191	
-25:7802*	07.7 -25 44	10.9	12.6	k	0.35	150	LTT 3719, 0 <sup>h</sup> 31, 145°.
847- 24	07.8 -26 02	16.2	17.1	k	0.61	150	
847- 25	08.1 -24 46	15.8	16.6	k	0.19	271	
847- 27*	11.4 -22 19	17.1	18.6	m	0.27	312	Ft. comp to 26, 19°, 33".
847- 26*	11.4 -22 20	13.2	13.8	k	0.27	312	L 680-68, 0 <sup>h</sup> 26, 315°.
847- 28*	12.4 -24 00	11.4	12.5	k	0.25	303	L 680-130, 0 <sup>h</sup> 25, 318°.
847- 29*	12.5 -23 54	13.0	13.8	k	0.22	292	BPM 53625, 0 <sup>h</sup> 19, 287°.
847- 30*	13.0 -24 56	12.8	13.5	k	0.22	275	L 680-155, 0 <sup>h</sup> 24, 272°.
848- 1	15.6 -22 23	17.2	18.2	k-m	0.33	128	
848- 2	16.0 -25 54	16.1	17.5	m	0.20	164	
848- 3	17.2 -25 17	18.4	21.0	m	0.22	159	
848- 4	18.7 -24 37	15.4	16.0	k	0.19	303	
848- 5*	18.7 -24 37	17.6	18.7	m	0.19	303	Ft. comp. to 4, 39°, 31".
848- 6	18.8 -27 11	16.2	17.4	m	0.42	142	
848- 7	19.6 -25 52	18.2	19.8	m	0.32	279	
848- 8*	20.0 -25 09	13.0	14.0	m	0.37	133	L 680-151, 0 <sup>h</sup> 39, 122°.
848- 9	20.7 -24 10	16.8	18.3	m	0.26	129	
848- 11	23.3 -22 36	17.6	18.5	k-m	0.46	158	
848- 12	24.7 -23 54	16.2	16.4	k	0.29	113	
848- 14	25.5 -22 48	16.6	17.5	m	0.25	276	
848- 15	25.7 -23 18	15.9	16.7	m	0.28	258	
848- 16	26.2 -22 08	14.8	16.1	k	0.22	130	
-23:9308*	26.3 -24 08	9.2	10.0	g-k	0.20	315	BPM 53919, 0 <sup>h</sup> 19, 313°.
848- 19	27.1 -26 40	18.5	17.9	a	0.41	177	
848- 20	27.5 -24 03	15.0	16.0	m	0.20	295	
848- 21	27.6 -26 08	17.8	17.2	f	0.20	192	
848- 22	27.6 -26 23	16.0	16.6	m	0.22	270	
848- 23	28.5 -25 45	16.1	17.0	m	0.38	145	
848- 25	29.6 -26 24	17.6	19.0	m	0.21	272	
848- 26	30.0 -22 36	13.8	15.0	m	0.24	133	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
848- 28	10 <sup>h</sup> 30 <sup>m</sup> .4 -27° 07'	18.6	21.+	m	0.25	279°	
848- 29	30.7 -22 06	14.2	15.3	m	0.20	153	
848- 30	31.2 -23 30	17.2	18.2	k-m	0.26	226	
848- 31	31.8 -24 50	17.0	18.4	m	0.22	276	
848- 32	32.2 -22 44	17.9	19.4	m	0.23	232	
848- 33	32.6 -23 38	14.6	15.5	m	0.20	286	
848- 34	32.8 -23 46	13.1	13.0	g	0.33	129	
848- 35	34.3 -23 10	14.3	15.4	m	0.21	265	
848- 36*	35.4 -27 31	13.3	15.0	m	0.35	320	L 609-73, 0.31, 322°.
848- 37*	35.7 -23 17	14.6	15.6	m	0.22	229	Ft. comp. to 38, 347°, 49".
848- 38*	35.7 -23 18	11.0	11.6	g	0.22	229	L 681-45, 0.20, 220°.
848- 39	35.8 -23 20	16.5	17.6	m	0.26	260	
848- 40	36.2 -23 57	15.8	16.5	m	0.23	125	
848- 41*	36.3 -26 35	12.7	13.5	g-k	0.21	264	L 609-40, 0.22, 260°.
848- 42	36.8 -25 46	17.0	18.3	m	0.60	294	
848- 43	37.3 -24 52	18.1	18.7	k	0.22	297	
848- 44	38.0 -24 27	18.2	20.6	m	0.25	190	
848- 45	38.4 -22 10	15.5	16.4	m	0.29	188	
848- 46	38.8 -23 02	17.2	17.6	k	0.22	278	
848- 47	38.8 -26 07	18.5	20.8	m	0.21	277	
848- 48	39.3 -23 49	14.7	15.4	k	0.46	303	
848- 49	39.6 -25 15	17.8	19.3	m	0.23	151	
848- 50	40.3 -24 00	16.8	18.3	m	0.22	14	
906- 1	11 05.7 -32 32	15.6	17.5	m	0.16	275	
906- 2*	05.7 -32 32	17.4	19.8	m	0.16	275	Ft. comp. to 1, 35°, 26".
906- 3	06.3 -30 42	14.4	16.0	m	0.27	233	
906- 4	10.3 -32 14	14.5	16.0	m	0.21	146	
906- 6	11.7 -31 53	16.4	17.6	k-m	0.23	241	
906- 7	13.5 -32 34	17.6	17.8	g	0.21	162	
-29: 8959*	13.8 -29 54	10.8	12.4	m	0.31	278	L 611-120, 0.30, 303°.
906- 9*	14.2 -27 41	13.9	15.4	m	0.95	210	L 611-67, 0.94, 212°.
906- 10	14.4 -28 08	16.8	18.5	m	0.45	289	
906- 11	14.9 -30 04	15.5	16.8	k-m	0.23	275	
906- 12	16.2 -30 18	14.1	15.8	m	0.33	117	
906- 13	16.7 -32 06	17.6	19.6	m	0.25	306	
906- 14	17.8 -27 46	15.7	16.4	k	0.41	264	
906- 15	17.8 -30 40	17.4	19.8	m	0.35	289	
906- 16	17.8 -32 52	16.6	18.8	m	0.22	253	
906- 17	19.1 -33 25	16.9	18.6	m	0.29	272	
906- 18	19.3 -29 19	15.4	16.6	m	0.21	251	
906- 19*	19.3 -29 19	16.8	18.1	m	0.21	251	Ft. comp. to 18, 105°, 22".
906- 20	20.3 -31 48	16.4	17.8	m	0.61	173	
906- 21	20.4 -31 24	15.9	17.4	m	0.32	219	
906- 22	20.8 -33 27	15.7	17.3	m	0.23	271	
906- 23	20.9 -32 06	16.6	17.2	m	0.24	282	
906- 24*	20.9 -32 06	18.5	18.6	a	0.24	282	Ft. comp to 23, 121°, 19".
906- 25	21.1 -27 56	14.0	15.8	m	0.43	197	
906- 26	21.4 -28 34	16.4	17.8	m	0.23	165	
906- 27	24.5 -31 58	16.5	17.8	k-m	0.23	139	
906- 28	24.7 -29 23	16.0	15.7	a	0.32	144	
906- 29*	24.9 -33 11	12.7	14.0	k-m	0.28	294	L 539-36, 0.23, 305°.
906- 30	26.7 -33 17	15.2	16.5	m	0.27	298	

LP	RA (1950) Dec	$m_R$	$m_{pg}$	Sp	$\mu$	$\theta$	NOTES
906- 31*	11 <sup>h</sup> 27.7 <sup>m</sup> -30° 26'	13.6	15.4	m	0.37	264°	L 540- 7, 0''31, 257°.
906- 32*	28.6 -30 33	13.0	14.8	m	0.31	276	L 540-10, 0''36, 276°.
906- 34	32.9 -29 53	13.7	15.5	m	0.16	237	
906- 33*	32.9 -29 53	14.3	16.0	m	0.16	237	Ft. comp. to 34, 347°, 4''.
906- 35*	32.9 -29 54	17.6	17.8	g	0.14	237	This maybe a comp. to 34, 188°, 52''.
-31: 9113*	33.0 -32 15	10.1	12.0	m	0.88	182	LTT 4290, 0''83, 185°.
906- 37*	33.2 -33 17	13.1	14.2	k	0.26	270	L 540-69, 0''25, 273°.
906- 38	33.3 -29 46	15.9	17.6	m	0.23	130	
906- 39	33.8 -32 53	16.8	18.8	m	0.23	275	
-29: 9743*	12 24.5 -30 23	10.2	10.7	g	0.21	252	LTT 4711, 0''20, 249°.
853- 1	24.9 -27 29	15.5	16.8	k-m	0.56	301	
909- 3	26.5 -32 41	12.8	13.8	k-m	0.24	282	
-30: 9942*	26.7 -30 33	9.5	10.3	g-k	0.43	137	LTT 4731, 0''38, 144°.
853- 2*	26.8 -26 12	10.8	12.2	k	0.23	288	L 615-19, 0''23, 271°.
853- 3*	27.1 -23 18	12.7	14.0	m	0.27	269	L 687-41, 0''25, 266°.
909- 5	27.2 -28 31	15.4	17.4	m	0.34	262	
909- 6	27.7 -28 08	15.2	16.5	m	0.37	220	
909- 7*	28.2 -32 47	12.8	13.6	k-m	0.23	220	L 543-38, 0''23, 203°.
909- 8	29.2 -28 05	17.2	20.2	m	0.23	261	
853- 4	29.6 -23 36	15.1	16.1	k	0.24	256	
909- 9	29.7 -32 34	15.3	16.6	m	0.21	178	
853- 5	29.8 -25 53	13.0	15.0	m	0.98	133	
909- 10	29.9 -27 14	18.5	21.+	m	0.43	250	
-25: 9301*	30.0 -26 11	8.4	10.0	k	0.27	273	BPM 56311, 0.18, 289°.
853- 7*	30.1 -25 49	13.5	14.5	k	0.24	255	L 615-12, 0''20, 247°.
909- 11	31.3 -28 57	14.2	15.3	m	0.22	276	
-31: 9777*	32.0 -31 36	9.2	10.3	k	0.22	194	LTT 4778, 0''21, 218°.
909- 13	32.1 -29 23	15.1	16.0	k-m	0.26	245	
909- 14	32.5 -30 53	15.6	16.5	k-m	0.24	267	
909- 15	33.4 -30 59	16.9	18.7	m	0.25	259	
853- 8	33.5 -23 42	16.1	17.4	m	0.23	235	
853- 9	33.7 -25 37	14.3	15.7	k-m	0.36	146	
909- 17	34.0 -29 23	16.1	17.0	k	0.12	269	
909- 16*	34.0 -29 23	16.8	18.5	m	0.12	269	Ft. comp. to 17, 234°, 18''.
853- 10	34.4 -22 08	14.1	15.3	k-m	0.26	207	
909- 18	34.6 -31 44	14.7	16.2	m	0.50	150	
909- 19*	35.7 -30 57	13.8	15.2	m	0.21	173	L 543-13, 0''22, 166°.
853- 11*	35.9 -26 47	12.0	13.5	m	0.26	224	L 615-27, 0''21, 219°.
909- 20	36.4 -30 05	16.9	18.3	m	0.21	204	
909- 21	36.6 -29 49	17.6	19.4	m	0.23	151	
853- 12	36.9 -26 41	14.7	16.6	m	0.62	251	
853- 13	37.3 -26 43	16.1	17.5	m	0.39	310	
909- 22	37.4 -32 13	17.1	19.0	m	0.19	262	
853- 14*	37.6 -27 01	12.8	13.7	g-k	0.21	274	L 615-34, 0''20, 287°.
853- 15	37.8 -23 01	16.7	16.5	f	1.10	218	
909- 23	37.8 -33 27	15.2	16.6	m	0.20	269	
909- 24	38.1 -30 10	15.1	16.5	m	0.19	120	
909- 25*	38.1 -30 10	18.2	21.+	m	0.19	120	Ft. comp. to 24, 127°, 13''.
853- 16	38.2 -26 58	16.8	18.7	m	0.31	275	
853- 17	38.3 -24 59	15.4	16.5	k	0.47	261	
853- 18	38.4 -24 27	15.0	16.4	m	0.37	272	
909- 26	38.5 -28 43	15.3	15.5	m	0.29	239	

LP	RA (1950) Dec	m <sub>R</sub>	m <sub>pg</sub>	Sp	μ	θ	NOTES
853- 19	12 <sup>h</sup> 38 <sup>m</sup> .6 -24° 18'	17.1	16.7	a	0.35	262°	
853- 20	38.9 -22 58	15.4	16.4	k-m	0.52	270	
853- 22	39.1 -26 40	15.1	15.8	k-m	0.10	131	
853- 21*	39.1 -26 40	16.8	17.7	k-m	0.10	131	Ft. comp. to 22, 325°, 23".
853- 23	39.2 -23 44	15.0	16.0	k	0.37	277	
853- 24	39.2 -26 34	15.8	17.0	m	0.21	157	
909- 27*	39.3 -33 23	12.3	13.6	k	0.21	244	BPM 56443, 0.16, 256°.
853- 25	39.5 -21 34	17.3	18.8	m	0.21	270	
853- 26	39.7 -22 07	16.5	17.5	k-m	0.56	271	
909- 28	39.8 -31 10	18.7	21.2	m	0.15	257	
909- 29	40.1 -32 00	14.5	16.1	m	0.35	228	
853- 27	40.2 -26 38	15.8	16.8	k-m	0.21	261	
853- 28	40.4 -24 57	17.6	19.8	m	0.21	150	
853- 29	40.5 -24 43	15.9	17.5	m	0.20	241	
853- 30*	40.6 -25 54	11.9	13.8	m	0.21	240	L 615-13, 0.26, 255°.
909- 30	40.7 -29 38	16.9	18.6	m	0.20	205	
-30: 10073*	40.8 -31 07	9.4	10.1	k	0.26	252	LTT 4857, 0.25, 264°.
909- 32	42.0 -29 02	17.4	19.3	m	0.36	245	
909- 33	42.1 -33 16	15.5	16.4	m	0.20	216	
853- 31	42.7 -21 48	14.9	16.5	m	0.31	142	
853- 32	43.1 -26 42	13.6	14.3	k	0.63	259	
853- 33	43.5 -23 27	18.2	21.2	m	0.46	257	
909- 34	43.7 -30 04	15.9	17.5	m	0.23	242	
909- 35	43.9 -29 30	15.5	16.4	k-m	0.29	262	
853- 34	44.6 -22 07	12.1	13.5	m	0.25	252	
853- 35	44.8 -22 44	16.3	17.6	m	0.23	229	
853- 36	44.9 -24 17	17.3	19.5	m	0.23	257	
903- 36	44.9 -28 17	14.0	15.7	m	0.32	273	
909- 37	44.9 -30 18	17.2	18.6	m	0.31	278	
853- 37	45.0 -27 30	14.3	15.7	k-m	0.20	262	
853- 38*	45.0 -27 30	14.7	16.1	k-m	0.20	262	Ft. comp. to 37, 102°, 28".
853- 39	45.2 -21 53	15.2	16.6	m	0.66	251	
853- 40	45.2 -23 08	13.1	14.5	k-m	0.26	227	
853- 41	45.5 -22 38	15.9	16.8	k	0.24	259	
853- 42	46.2 -23 49	15.3	16.4	m	0.33	264	
909- 40	46.2 -31 00	15.9	17.2	m	0.22	249	
853- 43	46.6 -27 35	18.1	21.1	m	0.31	256	
-25: 9456	46.7 -26 22	9.2	11.0	g	0.11	282	
853- 45*	46.8 -26 22	12.5	13.2	g-k	0.11	282	Comp. to Co-25: 9456, 81°, 85".
853- 46	47.8 -24 29	15.0	16.3	m	0.31	286	
909- 42	47.8 -28 43	17.2	19.7	m	0.66	259	
853- 47	48.3 -23 38	15.7	16.3	k	0.24	214	
853- 48	48.4 -27 35	17.7	20.5	m	0.27	264	
853- 49	49.0 -24 49	16.6	18.4	m	0.25	263	
909- 44	49.3 -32 39	15.8	17.5	m	0.22	262	
909- 45*	49.6 -32 10	12.2	13.3	k-m	0.27	222	L 544-21, 0.28, 215°.
853- 50	49.9 -26 01	14.7	16.0	k	0.12	178	
853- 51*	49.9 -26 02	11.8	12.4	k	0.12	223	BPM 56559/60, 0.12, 214°.
853- 52*	49.9 -26 03	12.7	13.4	k	0.12	223	Ft. comp. to 51, 186°, 27".
853- 53	50.5 -25 37	17.3	19.7	m	0.22	275	
909- 46	50.6 -30 57	15.2	16.4	m	0.50	259	