

Annexes

Tables of fast and named stars of the Almagest that can be identified reliably

In the present annex we cite the following tables: P1.1, P1.2, P1.3 and Table 4.4. These tables were described in Chapter 1 (Section 4) and Chapter 4 (Section 3) of the present book, but not cited therein due to the greatness of their volume.

The table of the fast stars contained in the Almagest (Table P1.1) is comprised of the stars whose annual proper motion velocity by one of the coordinates equals 0.1" at least.

The tables of the Almagest's named stars (P1.2 and P1.3) contains the Almagest stars that had names of their own in mediaeval astronomy.

A detailed description of Table 4.4 can be found in Section 3 of Chapter 4. It contains the fast stars visible to the naked eye and reliably identified in the Almagest.

Explanatory notes for Table P1.1

Table P1.1 uses stellar coordinates given in the equatorial system for the epoch of the beginning of the year 1900. The proper movement speeds are rendered to the equator.

The data from table P1.1 are taken from the Bright Star Catalogue BS5 (as found online in its electronic version). All of the online coordinates were verified by the printed version of the same catalogue in its pre-

vious printed version (BS4, [1197]). All the misprints found in the electronic version were corrected.

Table P1.1 contains a list of the stars that was referred to as the "fast" star list in Chapter 1. It consists of the modern stars that can be seen by the naked eye and possess a great enough rate of shifting due to high proper speeds, identified as Almagest stars in the modern catalogues – presumably contained in the Almagest. More specifically, in the compilation of the present list we have chosen all of the stars from the Bright Star Catalogue BS5 satisfying to the following criteria:

1) The proper motion velocity of the star in question by one of the equatorial system's coordinates for the epoch of 1900 isn't any lower than 0.1" per year as rendered to the equator.

2) The modern indication of the star should contain Bayer's Greek letter or Flamsteed's number.

These criteria were applied in order to reject the stars that were a priori useless for the dating of the Almagest, qv in Chapter 1.

Symbol "i." in Table P1.1 marks the identifications in the online version of the Almagest based on the Manitius edition of the Almagest (K. Manitius, ed. B. G. Teubner, Leipzig 1913). Symbol "P." marks the

(continued on page 664)

Table P1.1 (a)

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
15	21AlpAnd	315	347	50	+26	00	2–3	
21	11BetCas	189	7	50	+51	40	3	
33	6Cet	672	329	40	–14	40	4–3	
163	30EpsAnd	337	354	20	+23	00	4	
165	31DelAnd	335	355	20	+24	30	3	
188	16BetCet	733	335	40	–20	20	3	
194*i.	17Phi1Cet	731	339	00	–14	00	5–4	D
194P.	17Phi1Cet	730	339	20	–13	00	5–4	
215	34ZetAnd	344	354	10	+17	30	4	
219	24EtaCas	180	13	00	+47	50	4	
235*i.	19Phi2Cet	730	339	20	–13	00	5–4	D
235P.	19Phi2Cet	728	341	00	–13	40	5	
269	37MuAnd	347	1	50	+30	00	4	
321i.	30MuCas	185	14	40	+44	20	4	D
330	80Psc	687	352	20	–2	00	6	
334	31EtaCet	727	345	00	–15	40	3	
337	43BetAnd	346	3	50	+26	20	3	
343P.	33TheCas	185	14	40	+44	20	4	
343i.	33TheCas	186	17	40	+45	00	5	D
361/2	86ZetPsc	686	353	00	–0	10	4	
402i.	45TheCet	726	349	40	–15	40	3	
402P.	45TheCet	726	349	40	–15	20	3	
403	37DelCas	182	20	40	+45	30	3	
417i.	48OmeAnd	356	14	10	+32	30	5	D
434	98MuPsc	689	356	30	–2	20	4	
458	50UpsAnd	352	12	20	+29	00	4	
464	51And	351	15	10	+35	40	4–3	
509	52TauCet	723	352	00	–25	20	3	
544	2AlpTri	358	11	00	+16	30	3	
545	5Gam1Ari	362	6	40	+7	20	3–4	
553	6BetAri	363	7	40	+8	20	3	
585	59UpsCet	724	353	00	–30	50	4	
617i.	13AlpAri	375	10	40	+10	30	3–2	
617P.	13AlpAri	375	10	40	+10	00	3–2	
622	4BetTri	359	16	00	+20	40	3	
646	17EtaAri	364	11	00	+7	40	5	
660	8DelTri	360	16	20	+19	40	4	

Table P1.1 (b)

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper movement speed in BS4 (" / year \times 1000)	
	h	m	s	°	'	"		$V_{RA(1900)}$	$V_{D(1900)}$
	15	00	03	13.0	+28	32		18	2.06
21	00	03	50.2	+58	35	54	2.27	+0.526	-0.177
33	00	06	10.5	-16	01	01	4.89	-0.081	-0.264
163	00	33	16.1	+28	46	08	4.37	-0.228	-0.249
165	00	33	58.7	+30	18	50	3.27	+0.137	-0.084
188	00	38	34.2	-18	32	08	2.04	+0.232	+0.036
194	00	39	08.7	-11	09	15	4.76	-0.013	-0.108
194	00	39	08.7	-11	09	15	4.76	-0.013	-0.108
215	00	42	02.1	+23	43	24	4.06	-0.100	-0.078
219	00	43	03.0	+57	17	06	3.44	+1.101	-0.521
235	00	45	07.1	-11	10	58	5.19	-0.230	-0.223
235	00	45	07.1	-11	10	58	5.19	-0.230	-0.223
269	00	51	12.0	+37	57	25	3.87	+0.152	+0.037
321	01	01	36.8	+54	25	47	5.17	+3.423	-1.575
330	01	03	13.0	+05	07	15	5.52	-0.264	-0.175
334	01	03	33.5	-10	42	44	3.45	+0.214	-0.133
337	01	04	07.8	+35	05	26	2.06	+0.179	-0.109
343	01	05	00.5	+54	37	05	4.33	+0.229	-0.017
343	01	05	00.5	+54	37	05	4.33	+0.229	-0.017
361/2	01	08	30.3	+07	02	48	5.24	+0.141	-0.050
402	01	19	01.5	-08	41	58	3.60	-0.083	-0.218
402	01	19	01.5	-08	41	58	3.60	-0.083	-0.218
403	01	19	16.1	+59	42	56	2.68	+0.300	-0.045
417	01	21	40.1	+44	53	26	4.83	+0.347	-0.100
434	01	24	56.6	+05	37	42	4.84	+0.294	-0.042
458	01	30	55.5	+40	54	19	4.09	-0.173	-0.379
464	01	31	51.0	+48	07	18	3.57	+0.066	-0.108
509	01	39	25.3	-16	27	51	3.50	-1.720	+0.858
544	01	47	22.7	+29	05	30	3.41	+0.010	-0.229
545	01	48	02.4	+18	48	21	4.83	+0.078	-0.108
553	01	49	06.8	+20	19	09	2.64	+0.097	-0.108
585	01	55	17.6	-21	33	44	4.00	+0.131	-0.020
617	02	01	32.0	+22	59	23	2.00	+0.190	-0.144
617	02	01	32.0	+22	59	23	2.00	+0.190	-0.144
622	02	03	35.4	+34	30	52	3.00	+0.148	-0.037
646	02	07	12.0	+20	44	28	5.27	+0.161	+0.007
660	02	10	56.8	+33	46	00	4.87	+1.154	-0.237

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
740	76SigCet	720	3	20	-28	00	4	
781	83EpsCet	721	6	40	-25	10	4	
799	13ThePer	194	27	30	+32	20	4	
804	86GamCet	714	12	40	-11	30	3	
812*i.	38Ari	374	15	00	-5	15	4-3	
813i.	87MuCet	717	12	40	-6	20	4	D
818	1Tau1Eri	789	5	10	-32	10	4	
824	39Ari	377	21	20	+12	40	5	
838	41Ari	376	21	40	+10	10	4	
840	16Per	219	24	40	+20	40	7	
869i.	46Rho3Ari	372	19	40	+1	30	5	
869*P.	46Rho3Ari	372	19	40	+1	10	5	
874i.	3EtaEri	788	10	30	-23	15	4	D
874P.	3EtaEri	787	12	10	-23	50	3	
919	11Tau3Eri	791	8	50	-38	30	4	
921	25RhoPer	204	27	40	+21	00	4	
937	IotPer	196	31	30	+31	10	4	
941	27KapPer	201	30	30	+27	00	4	
951	57DelAri	369	23	50	+1	40	4	
1084	18EpsEri	784	22	00	-28	00	3	
1101	10Tau	413	25	00	-17	30	4	
1136	23DelEri	783	24	10	-28	50	3	
1173	27Tau6Eri	794	21	20	-41	20	4	
1210i.	43Per	218	45	00	+31	00	5	
1231	34GamEri	781	27	00	-32	50	3	
1325	40Omi2Eri	779	35	30	-27	00	4	
1346	54GamTau	390	39	00	-5	45	3-4	
1373	61Del1Tau	391	40	20	-4	15	3-4	
1392	69UpsTau	401	42	00	+0	30	5	
1409	74EpsTau	394	41	50	-3	00	3-4	
1411	77The1Tau	392	40	50	-5	50	3-4	
1453*	50Ups1Eri	798	34	10	-50	20	4	
1457	87AlpTau	393	42	40	-5	10	1	
1473	90Tau	388	42	10	-10	00	4	
1543	1Pi3Ori	755	44	50	-15	50	3	D
1656	104Tau	396	50	20	-5	00	5	
1708	13AlpAur	222	55	00	+22	30	1	
1791	112BetTau	400	55	40	+5	00	3	

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper movement speed in BS4 (" / year \times 1000)	
	h	m	s	°	'	"		$V_{RA(1900)}$	$V_{D(1900)}$
	740	02	27	20.8	-15	41		01	4.75
781	02	34	43.6	-12	17	48	4.84	+0.141	-0.234
799	02	37	21.9	+48	48	20	4.12	+0.336	-0.083
804	02	38	07.1	+02	48	52	3.47	-0.145	-0.148
812	02	39	30.5	+12	01	30	5.18	+0.120	-0.080
813	02	39	32.1	+09	41	31	4.27	+0.281	-0.030
818	02	40	26.1	-18	59	45	4.47	+0.325	+0.042
824	02	41	57.1	+28	49	55	4.51	+0.150	-0.119
838	02	44	05.7	+26	50	54	3.63	+0.067	-0.112
840	02	44	16.0	+37	54	25	4.23	+0.189	-0.104
869	02	50	47.3	+17	37	28	5.63	+0.276	-0.207
869	02	50	47.3	+17	37	28	5.63	+0.276	-0.207
874	02	51	32.5	-09	17	46	3.89	+0.074	-0.217
874	02	51	32.5	-09	17	46	3.89	+0.074	-0.217
919	02	57	58.9	-24	00	59	4.09	-0.147	-0.051
921	02	58	45.9	+38	27	10	3.39	+0.130	-0.102
937	03	01	50.8	+49	13	53	4.05	+1.264	-0.078
941	03	02	44.8	+44	28	43	3.80	+0.178	-0.153
951	03	05	54.5	+19	20	55	4.35	+0.151	-0.007
1084	03	28	13.1	-09	47	48	3.73	-0.979	+0.019
1101	03	31	46.1	+00	05	04	4.28	-0.235	-0.481
1136	03	38	27.4	-10	06	06	3.54	-0.099	+0.746
1173	03	42	32.7	-23	32	42	4.23	-0.162	-0.527
1210	03	49	10.1	+50	24	21	5.28	+0.092	-0.127
1231	03	53	21.8	-13	47	34	2.95	+0.057	-0.110
1325	04	10	40.2	-07	48	30	4.43	-2.231	-3.420
1346	04	14	06.0	+15	23	11	3.65	+0.116	-0.024
1373	04	17	09.9	+17	18	29	3.76	+0.107	-0.028
1392	04	20	19.3	+22	35	13	4.28	+0.105	-0.045
1409	04	22	46.5	+18	57	31	3.53	+0.108	-0.036
1411	04	22	51.6	+15	44	25	3.84	+0.102	-0.026
1453	04	29	35.1	-29	58	07	4.51	-0.105	-0.274
1457	04	30	10.9	+16	18	30	0.85	+0.065	-0.189
1473	04	32	34.0	+12	18	37	4.27	+0.098	-0.010
1543	04	44	24.6	+06	47	12	3.19	+0.463	+0.017
1656	05	01	32.3	+18	30	39	5.00	+0.537	+0.019
1708	05	09	18.0	+45	53	47	0.08	+0.080	-0.423
1791	05	19	58.1	+28	31	23	1.65	+0.025	-0.175

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
1983	13GamLep	815	59	00	-45	50	4-3	
2035	15DelLep	814	61	00	-44	10	4-3	
2040	BetCol	844	59	00	-59	40	2	
2047	54Chi1Ori	744	61	40	-3	45	5	
2077	33DelAur	220	62	30	+30	00	4	
2085	16EtaLep	817	62	40	-38	10	4-3	
2134	1Gem	442	64	10	-0	40	4	
2219	44KapAur	443	66	30	+5	50	4-3	
2286i.	13MuGem	438	68	30	-1	15	4-3	
2286P.	13MuGem	438	68	10	-1	15	4-3	
2326	AlpCar	892	77	10	-75	00	1	
2451	NuPup	891	80	10	-65	40	3-2	
2484	31XiGem	441	74	40	-10	30	4	
2491	9AlpCMa	818	77	40	-39	10	1	
2574	14TheCMa	819	79	40	-35	00	4	
2821	60IotGem	428	82	00	+5	30	4	
2846*i.	63Gem	432	83	10	+0	20	5	D
2878	SigPup	881	101	10	-63	00	4	D
2890/i.	66AlpGem	424	83	20	+9	30	2	
2890/1P.	66AlpGem	424	83	20	+9	40	2	
2905	69UpsGem	429	84	00	+4	50	4	
2943	10AlpCMi	848	89	10	-16	10	1	
2990	78BetGem	425	86	40	+6	15	2	
3208/9i.	16Zet1Cnc	448	93	00	-2	40	4	
3208/9P.	16Zet1Cnc	448	95	40	-2	40	4	
3208/9T.	16Zet1Cnc	448	90	40	-2	40	4	
3323	1OmiUMa	9	85	20	+39	50	4	
3449	43GamCnc	452	100	20	+2	40	4-3	
3461	47DelCnc	453	101	20	-0	10	4-3	
3482	11EpsHya	896	105	20	-11	30	4	
3518	GamPyx	877	118	00	-43	20	4	
3556	DelPyx	878	119	00	-43	30	4	
3569	9IotUMa	20	95	30	+29	20	3	
3619	15UMa	23	95	50	+33	00	4	
3665	22TheHya	900	113	20	-13	40	4	
3690	38Lyn	39	103	20	+19	10	4	
3705	40AlpLyn	38	105	00	+17	15	4	
3757	23UMa	16	92	30	+44	20	4	

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper movement speed in BS4 (" / year \times 1000)	
	h	m	s	°	'	"		$V_{RA(1900)}$	$V_{D(1900)}$
	1983	05	40	17.6	-22	28		51	3.60
2035	05	47	01.2	-20	53	15	3.81	+0.224	-0.650
2040	05	47	26.0	-35	48	21	3.12	+0.050	+0.402
2047	05	48	27.6	+20	15	28	4.41	-0.187	-0.086
2077	05	51	17.5	+54	16	37	3.72	+0.083	-0.126
2085	05	51	51.0	-14	11	09	3.71	-0.049	+0.136
2134	05	58	02.4	+23	16	08	4.16	-0.006	-0.102
2219	06	09	00.3	+29	32	06	4.35	-0.070	-0.265
2286	06	16	54.6	+22	33	54	2.88	+0.055	-0.112
2286	06	16	54.6	+22	33	54	2.88	+0.055	-0.112
2326	06	21	43.9	-52	38	27	-0.72	+0.026	+0.022
2451	06	34	42.0	-43	06	29	3.17	-0.007	-0.005
2484	06	39	40.6	+13	00	13	3.36	-0.115	-0.194
2491	06	40	44.6	-16	34	44	-1.46	-0.545	-1.211
2574	06	49	32.6	-11	54	48	4.07	-0.144	-0.017
2821	07	19	30.9	+27	59	49	3.79	-0.121	-0.088
2846	07	21	48.2	+21	38	59	5.22	-0.056	-0.124
2878	07	26	03.4	-43	05	56	3.25	-0.059	+0.186
2890/1	07	28	13.0	+32	06	27	1.98	-0.170	-0.102
2890/1	07	28	13.0	+32	06	27	1.98	-0.170	-0.102
2905	07	29	45.6	+27	07	05	4.06	-0.033	-0.109
2943	07	34	04.0	+05	28	53	0.38	-0.706	-1.029
2990	07	39	11.8	+28	16	04	1.14	-0.627	-0.051
3208/9	08	06	28.6	+17	56	58	5.63	+0.067	-0.139
3208/9	08	06	28.6	+17	56	58	5.63	+0.067	-0.139
3208/9	08	06	28.6	+17	56	58	5.63	+0.067	-0.139
3323	08	21	57.5	+61	03	09	3.36	-0.131	-0.110
3449	08	37	29.9	+21	49	42	4.66	-0.103	-0.043
3461	08	39	00.1	+18	31	19	3.94	-0.017	-0.233
3482	08	41	28.8	+06	47	09	3.38	-0.191	-0.055
3518	08	46	17.2	-27	20	20	4.01	-0.133	+0.082
3556	08	51	14.1	-27	17	49	4.89	+0.076	-0.105
3569	08	52	21.8	+48	26	04	3.14	-0.443	-0.235
3619	09	01	49.1	+52	00	30	4.48	-0.136	-0.039
3665	09	09	09.7	+02	44	11	3.88	+0.129	-0.313
3690	09	12	37.3	+37	13	33	3.82	-0.030	-0.127
3705	09	14	57.8	+34	48	56	3.13	-0.223	+0.013
3757	09	23	38.9	+63	29	57	3.67	+0.109	+0.026

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
3759	31Tau1Hya	903	118	30	-17	10	4	
3769*i.	8LMi	41	102	10	+22	30	7	
3775	25TheUMa	19	100	40	+35	00	3	
3786	PsiVel	880	137	30	-51	15	2-3	
3815i.	11LMi	40	106	10	+20	00	7	
3852	14OmiLeo	474	117	20	-4	10	4	
3888	29UpsUMa	17	99	00	+42	00	4	
3905	24MuLeo	464	114	20	+12	00	3	
3982	32AlpLeo	469	122	30	+0	10	1	
3994*i.	41LamHya	908	131	10	-23	15	4	
4033	33LamUMa	28	112	40	+29	20	3	
4057	41Gam1Leo	467	122	10	+8	30	2	
4094	42MuHya	909	138	00	-24	40	3	
4192	41LMi	489	126	00	+13	20	5	
4209	52Leo	478	130	20	+5	20	6	
4287	7AlpCrt	921	146	20	-23	00	4	
4301	50AlpUMa	24	107	40	+49	00	2	
4310	63ChiLeo	491	137	30	+1	10	4-5	
4314	Chi1Hya	913	152	20	-30	10	4	
4357	68DelLeo	481	134	10	+13	40	2-3	
4374/5	53XiUMa	32	130	20	+25	00	3	
4374/5	53XiUMa	32						
4382	12DelCrt	923	150	00	-18	00	4	
4399	78IotLeo	484	140	20	+5	50	3	
4450	XiHya	914	162	10	-31	20	4	
4517i.	3NuVir	497	146	20	+4	15	5	
4517P.	3NuVir	497	147	00	+4	15	5	
4534	94BetLeo	488	144	30	+11	50	1.3	
4540i.	5BetVir	501	149	00	+0	20	3	
4540P.	5BetVir	501	149	00	+0	10	3	
4608	9OmiVir	499	150	40	+8	00	5	
4626*i.	10Vir	930	166	40	-18	10	5	
4660	69DelUMa	26	123	10	+51	00	3	
4662i.	4GamCrv	931	163	20	-14	50	3	
4662P.+T.	4GamCrv	931	163	30	-14	50	3	
4757	7DelCrv	932	166	40	-12	30	3	
4775i.	8EtaCrv	933	167	00	-11	40	4	
4775P.+T.	8EtaCrv	933	167	00	-11	45	4	

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper movement speed in BS4 (" / year \times 1000)	
	h	m	s	°	'	"		$V_{RA(1900)}$	$V_{D(1900)}$
	3759	09	24	04.3	-02	19		55	4.60
3769	09	25	27.3	+35	32	44	5.37	-0.056	-0.107
3775	09	26	10.3	+52	08	00	3.17	-0.952	-0.540
3786	09	26	45.6	-40	01	44	3.60	-0.189	+0.069
3815	09	29	39.7	+36	15	45	5.41	-0.706	-0.248
3852	09	35	48.8	+10	20	50	3.52	-0.143	-0.041
3888	09	43	52.9	+59	30	33	3.80	-0.293	-0.156
3905	09	47	04.6	+26	28	41	3.88	-0.215	-0.060
3982	10	03	02.8	+12	27	22	1.35	-0.249	+0.003
3994	10	05	42.7	-11	51	35	3.61	-0.207	-0.095
4033	10	11	04.0	+43	24	50	3.45	-0.165	-0.043
4057	10	14	27.6	+20	20	51	2.61	+0.307	-0.151
4094	10	21	15.2	-16	19	33	3.81	-0.132	-0.083
4192	10	37	58.7	+23	42	43	5.08	-0.117	+0.004
4209	10	41	07.5	+14	43	22	5.48	-0.126	-0.069
4287	10	54	54.1	-17	45	58	4.08	-0.465	+0.124
4301	10	57	33.6	+62	17	27	1.79	-0.118	-0.071
4310	10	59	51.5	+07	52	36	4.63	-0.342	-0.050
4314	11	00	30.7	-26	45	14	4.94	-0.190	-0.005
4357	11	08	47.4	+21	04	18	2.56	+0.143	-0.135
4374/5	11	12	50.9	+32	05	31	4.87	-0.432	-0.591
4374/5	11	12	50.9	+32	05	31	4.41	-0.432	-0.591
4382	11	14	20.4	-14	14	14	3.56	-0.128	+0.201
4399	11	18	42.7	+11	04	49	3.94	+0.166	-0.079
4450	11	28	04.9	-31	18	15	3.54	-0.207	-0.042
4517	11	40	43.1	+07	05	23	4.03	-0.021	-0.187
4517	11	40	43.1	+07	05	23	4.03	-0.021	-0.187
4534	11	43	57.5	+15	07	52	2.14	-0.497	-0.119
4540	11	45	29.1	+02	19	42	3.61	+0.741	-0.275
4540	11	45	29.1	+02	19	42	3.61	+0.741	-0.275
4608	12	00	06.9	+09	17	18	4.12	-0.221	+0.043
4626	12	04	33.8	+02	27	34	5.95	+0.042	-0.183
4660	12	10	28.7	+57	35	18	3.31	+0.102	+0.004
4662	12	10	39.7	-16	59	12	2.59	-0.163	+0.018
4662	12	10	39.7	-16	59	12	2.59	-0.163	+0.018
4757	12	24	41.3	-15	57	31	2.95	-0.213	-0.143
4775	12	26	54.9	-15	38	32	4.31	-0.430	-0.066
4775	12	26	54.9	-15	38	32	4.31	-0.430	-0.066

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
4785	8BetCVn	37	140	10	+41	20	5	
4819	GamCen	957	185	50	-40	00	3	
4825/6	29GamVir	503	163	10	+2	50	3	
4847	32Vir	508	160	10	+11	40	6	D
4905	77EpsUMa	33	132	10	+53	30	2	
4914	12Alp1CVn	36	147	50	+39	45	3	
4932i.	47EpsVir	509	162	10	+15	10	3-2	
4932P.	47EpsVir	509	162	10	+16	00	3-2	
4981i.	53Vir	526	177	10	-7	10	6	
4981P.	53Vir	526	177	10	-7	20	6	
5028	IotCen	939	186	10	-25	40	3	
5054/5	79ZetUMa	34	138	00	+55	40	2	
5054/5	79ZetUMa	34						
5056	67AlpVir	510	176	40	-2	00	1	
5064	68Vir	515	178	00	-3	00	5	D
5095	74Vir	512	176	20	+3	20	5	
5107	79ZetVir	511	174	50	+8	40	3	
5168	1Cen	937	189	10	-20	30	4-3	
5185	4TauBoo	108	170	30	+26	30	4	
5191	85EtaUMa	35	149	50	+54	00	2	
5196	89Vir	528	185	00	-7	50	6	
5235	8EtaBoo	107	171	20	+28	00	3	
5267	BetCen	970	204	10	-45	20	2	
5315	98KapVir	519	187	20	+2	40	4	
5338i.	99IotVir	518	186	40	+7	10	4	
5338P.	99IotVir	518	186	40	+7	30	4	
5340	16AlpBoo	110	177	00	+31	30	1	
5350	21IotBoo	89	154	10	+58	20	5	
5351	19LamBoo	91	159	40	+54	40	5	
5404	23TheBoo	90	155	20	+60	10	5	
5409	105PhiVir	520	188	20	+11	40	4	
5429	25RhoBoo	105	175	00	+42	10	4-3	
5435	27GamBoo	92	169	40	+49	00	3	
5447	28SigBoo	104	175	40	+41	40	4	
5459/60i.	Alp1Cen	969	218	20	-41	10	1	
5459/60	Alp2Cen	969	218	20	-41	10	1	
5459/60P.	Alp1Cen	969	218	20	-44	10	1	
5487	107MuVir	522	192	40	+9	50	4	

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper movement speed in BS4 (" / year \times 1000)	
	h	m	s	°	'	"		$V_{RA(1900)}$	$V_{D(1900)}$
	4785	12	28	59.6	+41	54		03	4.26
4819	12	35	59.9	-48	24	38	2.17	-0.190	-0.008
4825/6	12	36	35.5	-00	54	03	3.68	-0.568	+0.008
4847	12	40	33.9	+08	13	13	5.22	-0.110	+0.000
4905	12	49	37.8	+56	30	09	1.77	+0.109	-0.010
4914	12	51	19.7	+38	51	17	5.60	-0.238	+0.057
4932	12	57	11.9	+11	29	48	2.83	-0.275	+0.017
4932	12	57	11.9	+11	29	48	2.83	-0.275	+0.017
4981	13	06	44.1	-15	39	33	5.04	+0.094	-0.292
4981	13	06	44.1	-15	39	33	5.04	+0.094	-0.292
5028	13	14	58.4	-36	11	05	2.75	-0.340	-0.089
5054/5	13	19	54.0	+55	26	51	2.27	+0.119	-0.025
5054/5	13	19	54.9	+55	26	39	3.95	+0.115	-0.033
5056	13	19	55.4	-10	38	22	0.98	-0.043	-0.033
5064	13	21	26.1	-12	11	14	5.25	-0.135	-0.025
5095	13	26	45.9	-05	44	22	4.69	-0.103	-0.047
5107	13	29	35.8	-00	05	05	3.37	-0.286	+0.036
5168	13	40	00.2	-32	32	17	4.23	-0.462	-0.150
5185	13	42	30.6	+17	57	19	4.50	-0.482	+0.034
5191	13	43	36.0	+49	48	45	1.86	-0.124	-0.014
5196	13	44	26.1	-17	38	10	4.97	-0.102	-0.041
5235	13	49	55.3	+18	53	56	2.68	-0.064	-0.363
5267	13	56	45.8	-59	53	26	0.61	-0.020	-0.023
5315	14	07	33.6	-09	48	30	4.19	+0.006	+0.136
5338	14	10	46.1	-05	31	24	4.08	-0.009	-0.432
5338	14	10	46.1	-05	31	24	4.08	-0.009	-0.432
5340	14	11	06.0	+19	42	11	-0.04	-1.098	-1.999
5350	14	12	37.4	+51	49	42	4.75	-0.154	+0.088
5351	14	12	34.9	+46	32	51	4.18	-0.190	+0.158
5404	14	21	47.5	+52	18	47	4.05	-0.242	-0.400
5409	14	23	02.9	-01	46	47	4.81	-0.141	-0.005
5429	14	27	31.2	+30	48	37	3.58	-0.102	+0.117
5435	14	28	03.0	+38	44	44	3.03	-0.116	+0.149
5447	14	30	19.5	+30	10	46	4.46	+0.188	+0.129
5459/60	14	32	48.3	-60	25	22	-0.01	-3.608	+0.712
5459/60	14	32	48.3	-60	25	22	1.33	-3.608	+0.712
5459/60	14	32	48.3	-60	25	22	-0.01	-3.608	+0.712
5487	14	37	47.3	-05	13	25	3.88	+0.105	-0.321

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
5531	9Alp2Lib	529	198	00	+0	40	2	
5634i.	45Boo	99	188	10	+41	20	5	D
5634P.	45Boo	99	188	10	+41	40	5	
5646i.	Kap1Lup	978	210	30	-29	00	5	D
5647i.	Kap2Lup	978	210	30	-29	00	5	D
5646/7i.	KapLup	978	210	40P.	-29	00	5	D
5646/7P.	KapLup	980	213	40	-30	10	5	
5649	ZetLup	981	215	40	-33	10	5	
5681	49DelBoo	94	185	40	+48	40	4-3	
5698i.	Nu1Lup	980	213	40	-30	10	5	D
5709	1OmiCrB	98	188	30	+45	30	5	
5733/4	51Mu1Boo	95	185	40	+53	15	4	
5733/4	51Mu2Boo	95						
5747	3BetCrB	112	191	40	+46	30	4-3	
5777	37Lib	537	206	10	+9	00	5	
5793	5AlpCrB	111	194	40	+44	30	2-1	
5838*i.	43KapLib	542	211	10	-1	30	4	
5838P.	43KapLib	541	210	20	+0	20	5	
5849	8GamCrB	115	197	10	+44	45	4	
5854	24AlpSer	271	204	20	+25	20	3	
5868	27LamSer	270	204	50	+26	30	4	
5892	37EpsSer	272	206	20	+24	00	3	
5908	46TheLib	536	213	00	+3	30	4-5	
5914	1ChiHer	146	191	10	+60	00	4	
5933	41GamSer	265	204	20	+36	00	3	
5986	13TheDra	69	160	20	+74	40	4-3	
6056	1DelOph	240	215	00	+17	00	3	
6116	21EtaUMi	5	93	40	+77	40	4	
6212i.	40ZetHer	129	213	50	+50	40	3	
6212P.	40ZetHer	129	213	50	+53	10	3	
6241	26EpsSco	557	228	30	-11	00	3	
6271*	Zet2Sco	559	230	00	-18	00	4	D
6299	27KapOph	238	224	40	+31	50	4	
6315	19Dra	66	159	20	+83	00	5	
6380	EtaSco	561	233	10	-19	30	3	
6401/2	36Oph	247	233	00	-2	15	4	
6401/2	36Oph	247	233	00	-2	15	4	
6410	65DelHer	123	226	40	+48	00	3	

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper movement speed in BS4 (" / year \times 1000)	
	h	m	s	°	'	"		$V_{RA(1900)}$	$V_{D(1900)}$
	5531	14	45	20.7	-15	37		34	2.75
5634	15	02	54.5	+25	15	31	4.93	+0.185	-0.171
5634	15	02	54.5	+25	15	31	4.93	+0.185	-0.171
5646	15	04	58.8	-48	21	27	3.87	-0.096	-0.049
5647	15	05	00.4	-48	21	49	5.69	-0.102	-0.042
5646/7	15	04	58.8	-48	21	27	3.87	-0.096	-0.049
5646/7	15	04	58.8	-48	21	27	3.87	-0.096	-0.049
5649	15	05	05.8	-51	43	07	3.41	-0.107	-0.070
5681	15	11	28.2	+33	41	16	3.47	+0.083	-0.116
5698	15	15	10.1	-47	33	49	5.00	-0.136	-0.139
5709	15	16	00.2	+29	58	44	5.51	-0.122	-0.049
5733/4	15	20	42.7	+37	43	40	4.31	-0.147	+0.084
5733/4	15	20	44.1	+37	41	53	6.50	-0.148	+0.091
5747	15	23	42.3	+29	27	01	3.68	-0.179	+0.083
5777	15	28	42.6	-09	43	18	4.62	+0.303	-0.241
5793	15	30	27.2	+27	03	04	2.23	+0.120	-0.091
5838	15	36	11.0	-19	21	17	4.74	-0.038	-0.107
5838	15	36	11.0	-19	21	17	4.74	-0.038	-0.107
5849	15	38	32.5	+26	36	45	3.84	-0.106	+0.043
5854	15	39	20.5	+06	44	25	2.65	+0.136	+0.044
5868	15	41	35.3	+07	39	59	4.43	-0.225	-0.068
5892	15	45	49.8	+04	46	43	3.71	+0.126	+0.061
5908	15	48	07.8	-16	26	09	4.15	+0.098	+0.129
5914	15	49	13.0	+42	43	53	4.62	+0.437	+0.628
5933	15	51	50.0	+15	59	16	3.85	+0.306	-1.285
5986	16	00	00.8	+58	49	56	4.01	-0.325	+0.336
6056	16	09	06.2	-03	26	13	2.74	-0.048	-0.145
6116	16	20	25.2	+75	59	09	4.95	-0.085	+0.250
6212	16	37	30.9	+31	47	01	2.81	-0.471	+0.394
6212	16	37	30.9	+31	47	01	2.81	-0.471	+0.394
6241	16	43	41.1	-34	06	42	2.29	-0.610	-0.255
6271	16	47	32.7	-42	11	24	3.62	-0.125	-0.236
6299	16	52	56.0	+09	31	49	3.20	-0.294	-0.010
6315	16	55	28.6	+65	17	15	4.89	+0.233	+0.046
6380	17	04	59.3	-43	06	26	3.33	+0.023	-0.285
6401/2	17	09	11.7	-26	27	21	5.11	-0.463	-1.141
6401/2	17	09	11.8	-26	27	17	5.07	-0.495	-1.132
6410	17	10	55.4	+24	57	25	3.14	-0.023	-0.157

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
6445	40XiOph	246	233	40	+2	15	4–3	
6486	44Oph	249	235	00	–0	20	4	
6554/5	24Nu1Dra	45	221	50	+78	30	4–3	
6554/5	25Nu2Dra	45						
6556	55AlpOph	234	234	50	+36	00	3–2	
6566	27Dra	63	118	40	+87	30	6	
6596	28OmeDra	64	111	40	+86	50	6	
6603	60BetOph	235	238	00	+27	15	4–3	
6623	86MuHer	125	237	40	+52	00	4–3	
6636/7	31Psi1Dra	60	73	20	+84	30	4	
6636/7	31Psi1Dra	60	73	20	+84	30	4	
6698	64NuOph	243	242	20	+13	40	4–5	
6710	57ZetSer	278	243	40	+20	00	4	
6746i.	10Gam2Sgr	570	244	30	–6	30	3	
6746P.	10Gam2Sgr	570	244	30	–6	20	3	
6752	70Oph	261	243	40	+27	00	4	
6832	EtaSgr	594	246	40	–13	00	3	
6869	58EtaSer	279	248	40	+21	10	4–3	
6879	20EpsSgr	572	248	00	–10	50	3	
6913	22LamSgr	573	249	00	–1	30	3	
6927i.	44ChiDra	61	50	20	+87	30	4	
6927P.	44ChiDra	61	50	20	+83	30	4	
7001	3AlpLyr	149	257	20	+62	00	1	
7152	EpsCrA	1006	255	10	–15	20	6	
7226/7	GamCrA	1005	256	30	–15	10	4	
7226/7	GamCrA	1005	256	30	–15	10	4	
7234	40TauSgr	590	257	40	–4	30	4–3	
7328	1KapCyg	167	286	40	+74	00	4–3	
7348	AlpSgr	593	257	00	–18	00	2–3	D
7352	60TauDra	59	26	10	+80	15	5	
7377	30DelAql	297	266	00	+25	00	4–3	
7420	10Iot2Cyg	166	291	10	+71	30	4–3	
7469	13TheCyg	165	292	30	+69	40	4	
7557	53AlpAql	288	273	50	+29	10	2–1	
7560i.	54OmiAql	289	274	40	+30	00	3–4	D
7597	58OmeSgr	597	267	40	–4	50	5	
7602	60BetAql	287	274	50	+27	10	3	
7715i.	2Xi2Cap	604	275	00	+8	00	6	

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper movement speed in BS4 (" / year \times 1000)	
	h	m	s	°	'	"		$V_{RA(1900)}$	$V_{D(1900)}$
	6445	17	15	00.6	-21	00		20	4.39
6486	17	20	15.7	-24	05	00	4.17	+0.000	-0.116
6554/5	17	30	12.3	+55	15	09	4.88	+0.139	+0.055
6554/5	17	30	17.7	+55	14	28	4.87	+0.141	+0.054
6556	17	30	17.5	+12	37	58	2.08	+0.117	-0.227
6566	17	32	21.7	+68	11	56	5.05	-0.017	+0.134
6596	17	37	32.1	+68	48	15	4.80	-0.001	+0.322
6603	17	38	31.9	+04	36	32	2.77	-0.042	+0.159
6623	17	42	32.6	+27	46	45	3.42	-0.309	-0.747
6636/7	17	43	42.9	+72	11	53	4.58	+0.015	-0.267
6636/7	17	43	44.6	+72	12	22	5.79	+0.019	-0.278
6698	17	53	31.2	-09	45	41	3.34	-0.009	-0.119
6710	17	55	11.9	-03	41	02	4.62	+0.144	-0.046
6746	17	59	23.0	-30	25	31	2.99	-0.053	-0.185
6746	17	59	23.0	-30	25	31	2.99	-0.053	-0.185
6752	18	00	24.1	+02	31	22	4.03	+0.258	-1.094
6832	18	10	51.6	-36	47	30	3.11	-0.129	-0.166
6869	18	16	08.1	-02	55	29	3.26	-0.554	-0.697
6879	18	17	32.0	-34	25	55	1.85	-0.032	-0.125
6913	18	21	47.9	-25	28	37	2.81	-0.043	-0.185
6927	18	22	51.5	+72	41	22	3.57	+0.521	-0.356
6927	18	22	51.5	+72	41	22	3.57	+0.521	-0.356
7001	18	33	33.1	+38	41	26	0.03	+0.200	+0.285
7152	18	51	58.7	-37	14	16	4.87	-0.128	-0.097
7226/7	18	59	39.5	-37	12	25	4.93	+0.094	-0.273
7226/7	18	59	39.5	-37	12	25	4.99	+0.094	-0.273
7234	19	00	41.8	-27	49	00	3.32	-0.053	-0.249
7328	19	14	47.5	+53	11	02	3.77	+0.055	+0.125
7348	19	16	57.5	-40	48	14	3.97	+0.030	-0.121
7352	19	17	28.6	+73	10	12	4.45	-0.143	+0.111
7377	19	20	27.4	+02	54	55	3.36	+0.253	+0.083
7420	19	27	11.0	+51	31	00	3.79	+0.018	+0.130
7469	19	33	45.5	+49	59	22	4.48	-0.024	+0.256
7557	19	45	54.2	+08	36	15	0.77	+0.537	+0.387
7560	19	46	14.2	+10	09	55	5.11	+0.239	-0.138
7597	19	49	42.9	-26	33	53	4.70	+0.208	+0.083
7602	19	50	24.0	+06	09	25	3.71	+0.048	-0.482
7715	20	06	51.6	-12	54	38	5.85	+0.193	-0.193

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
7715*P.	2Xi2Cap	604	276	00	+8	00	6	
7715*P.	2Xi2Cap	604	279	00	+8	00	6	
7882	6BetDel	304	288	30	+32	00	3–4	
7896	7KapDel	303	288	40	+27	45	4	
7936	16PsiCap	611	280	50	–6	30	4	
7947	12Gam1Del	307	293	10	+33	10	3–4	
7949	53EpsCyg	168	300	50	+49	30	3	
7957	3EtaCep	79	339	20	+72	00	4	
8097	5GamEqu	313	296	20	+25	30	7	
8123	7DelEqu	314	297	40	+25	00	7	
8130*	65TauCyg	176	310	40	+49	40	4–3	
8162	5AlpCep	78	346	40	+69	00	3	
8213	36Cap	615	290	20	–6	00	5	
8264	23XiAqr	633	297	20	+6	15	5	
8278	40GamCap	623	294	50	–2	10	3	
8283	42Cap	625	296	50	+0	20	4	
8288	43KapCap	622	295	00	–4	30	4	
8322	49DelCap	624	296	20	–2	00	3	
8351	51MuCap	626	298	40	0	00	5	
8413	22NuPeg	330	308	00	+16	00	4	
8417	17XiCep	81	358	30	+65	30	5	
8425i.	AlpGru	1022	290	10	–22	15	4	
8353P.+T.	GamGru	1022	290	10	–22	15	4	
8430i.	24IotPeg	333	317	20	+34	15	4–3	
8430P.	24IotPeg	333	317	40	+34	15	4–3	
8450i.	26ThePeg	329	309	20	+16	30	3	
8450P.	26ThePeg	329	309	20	+16	50	3	
8494	23EpsCep	83	346	20	+60	15	5	
8499	43TheAqr	641	306	10	+3	00	4	
8518	48GamAqr	637	309	30	+8	45	3	
8544/5	53Aqr	648	304	40	–5	40	5	
8544/5	53Aqr	648	304	40	–5	40	5	
8558	55Zet1Aqr	639	312	00	+9	00	3	
8610	63KapAqr	651	315	00	+2	00	4	
8665	46XiPeg	326	320	30	+19	00	4	
8670	68Aqr	649	308	20	–10	00	5	
8684	48MuPeg	324	327	00	+29	30	4	
8694	32IotCep	82	7	30	+62	30	4–3	

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper movement speed in BS4 (" / year \times 1000)	
	h	m	s	°	'	"		$V_{RA(1900)}$	$V_{D(1900)}$
	7715	20	06	51.6	-12	54		38	5.85
7715	20	06	51.6	-12	54	38	5.85	+0.193	-0.193
7882	20	32	51.5	+14	14	50	3.63	+0.112	-0.031
7896	20	34	16.3	+09	44	02	5.05	+0.318	+0.021
7936	20	40	10.5	-25	37	49	4.14	-0.049	-0.156
7947	20	42	00.3	+15	45	49	5.14	-0.032	-0.188
7949	20	42	09.8	+33	35	44	2.46	+0.355	+0.329
7957	20	43	15.3	+61	27	01	3.43	+0.091	+0.822
8097	21	05	28.7	+09	43	43	4.69	+0.059	-0.152
8123	21	09	36.6	+09	36	06	4.49	+0.046	-0.301
8130	21	10	47.9	+37	37	06	3.72	+0.159	+0.437
8162	21	16	11.5	+62	09	43	2.44	+0.150	+0.052
8213	21	23	01.3	-22	14	34	4.51	+0.138	-0.004
8264	21	32	25.7	-08	18	10	4.69	+0.113	-0.023
8278	21	34	33.1	-17	06	51	3.68	+0.188	-0.022
8283	21	36	06.6	-14	29	37	5.18	-0.122	-0.304
8288	21	37	04.5	-19	19	20	4.73	+0.146	-0.004
8322	21	41	31.3	-16	34	52	2.87	+0.262	-0.294
8351	21	47	50.7	-14	01	21	5.08	+0.309	+0.014
8413	22	00	38.1	+04	34	11	4.84	+0.109	+0.105
8417	22	00	53.7	+64	08	26	4.29	+0.208	+0.089
8425	22	01	55.9	-47	26	43	1.74	+0.130	-0.149
8353	21	47	52.5	-37	50	06	3.01	+0.103	-0.017
8430	22	02	21.2	+24	51	24	3.76	+0.299	+0.028
8430	22	02	21.2	+24	51	24	3.76	+0.299	+0.028
8450	22	05	09.3	+05	42	21	3.53	+0.275	+0.032
8450	22	05	09.3	+05	42	21	3.53	+0.275	+0.032
8494	22	11	20.9	+56	32	41	4.19	+0.444	+0.051
8499	22	11	33.4	-08	16	53	4.16	+0.117	-0.019
8518	22	16	29.5	-01	53	29	3.84	+0.129	+0.012
8544/5	22	21	08.3	-17	14	59	6.57	+0.260	-0.010
8544/5	22	21	08.7	-17	15	03	6.35	+0.221	+0.000
8558	22	23	40.8	-00	31	53	4.59	+0.178	+0.014
8610	22	32	34.6	-04	44	38	5.03	-0.070	-0.114
8665	22	41	41.8	+11	39	36	4.19	+0.233	-0.493
8670	22	42	10.9	-20	08	06	5.26	-0.102	-0.198
8684	22	45	10.5	+24	04	25	3.48	+0.148	-0.036
8694	22	46	07.1	+65	40	28	3.52	-0.067	-0.119

Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]	Modern indication of the star	Number of the star in the Almagest (Bailey's enumeration)	Coordinates in the Almagest				Brightness in the Almagest	D?
			longitude		latitude			
			°	'	°	'		
8697	49SigPeg	328	320	30	+16	00	5	
8728	24AlpPsA	1011	307	00	-20	20	1	
8775	53BetPeg	317	332	10	+31	00	2-3	
8782	83Aqr	653	317	40	-1	10	4	
8834	90PhiAqr	654	320	00	-0	30	4	
8841	91Psi1Aqr	656	319	00	-3	30	4	
8852	6GamPsc	675	324	10	+7	30	4	
8892	98Aqr	664	317	00	-14	10	4	
8905	68UpsPeg	320	335	00	+25	00	4	
8916	10ThePsc	677	328	10	+9	30	4	
8961	16LamAnd	343	352	10	+44	00	4	
8969	17IotPsc	678	330	40	+7	30	4	
8974	35GamCep	76	33	00	+64	15	4	
8984	18LamPsc	680	329	40	+3	30	4	
8988	105Ome2Aqr	660	323	10	-10	50	5	
9072	28OmePsc	681	336	00	+6	20	4	

(from page 647)

identifications and the coordinates of the Almagest from the work by Peters and Knobel ([1339]).

Symbol "T." marks the identifications from Toomer's translation of the Almagest ([1358]).

Symbol D marks the Almagest identifications of modern stars from the electronic version considered dubious by Manitius; this symbol is cited in the last column of the table.

Notes to Table P1.1

*BS 194 – Peters identifies the Almagest star 731 in Bailey's enumeration as star O.161, which neither has Flamsteed's number, nor Bayer's letter next to it.

*BS 235 – Peters identifies the Almagest star 730 in Bailey's enumeration as star 17 PhilCet.

*BS 812 – here Peters identifies the Almagest star as 87 Mu Ceti.

*BS 869 – Peters gives a double identification of

the Almagest star – as 46 Rho3Ari and 45Rho2Ari; however, 45Rho2Ari is a slow star.

*BS 1453 – the same star is apparently referred to as Ups6Eri in the work of Peters, which must result from the confusion in the indication of this star (see [1358]).

*BS 2846 – Peters identifies this star differently (as 58 Gemini).

*BS 3769 – here Peters also suggests a different identification of the Almagest star (IIX 115), as well as different Almagest coordinates thereof: 35° 10' (longitude) and 22° 45' (latitude). (Next to vanishing luminosity-wise, according to the Almagest.)

*BS 3994 – Peters identifies this Almagest star (908 in Bailey's enumeration) as 40Ups2 of Hydra; however, the proper movement rate of this star is low.

*BS 4626 – Peters and Toomer identify this Almagest star as 5Zet Crv, which has a low proper movement rate, and not 10 Vir.

Number of the star in the Bright Star Catalogue	Upright ascent RA(1900) in BS5			Inclination D(1900) in BS5			Value in BS5	Proper motion velocity in BS4 (" / year × 1000)	
	h	m	s	°	'	"		V _{RA(1900)}	V _{D(1900)}
8697	22	47	19.9	+09	18	13	5.16	+0.522	+0.049
8728	22	52	07.6	-30	09	08	1.16	+0.336	-0.161
8775	22	58	55.5	+27	32	25	2.42	+0.188	+0.142
8782	22	59	56.9	-08	14	01	5.43	+0.126	+0.015
8834	23	09	08.6	-06	35	17	4.22	+0.037	-0.192
8841	23	10	39.1	-09	37	57	4.21	+0.369	-0.012
8852	23	11	58.8	+02	44	09	3.69	+0.759	+0.022
8892	23	17	43.1	-20	38	47	3.97	-0.122	-0.090
8905	23	20	23.2	+22	51	13	4.40	+0.193	+0.043
8916	23	22	53.7	+05	49	47	4.28	-0.122	-0.041
8961	23	32	40.0	+45	54	59	3.82	+0.160	-0.416
8969	23	34	48.3	+05	05	03	4.13	+0.375	-0.432
8974	23	35	14.3	+77	04	27	3.21	-0.065	+0.156
8984	23	36	56.6	+01	13	47	4.50	-0.130	-0.147
8988	23	37	32.2	-15	05	52	4.49	+0.096	-0.063
9072	23	54	10.5	+06	18	35	4.01	+0.152	-0.109

*BS 5838 – Peters and Toomer identify this Almagest star, which has the number of 542 in Bailey's enumeration, as a different star on the modern charts, which neither has Bayer's letter in its name, nor Flamsteed's number.

*BS 6271 – Peters identifies this Almagest star differently, as Zet1 Sco, whose proper movement speed is low.

*BS 7715 – Peters provides a double identification of the Almagest star here – as 2Xi 2Cap and 1Xi 1Cap (BS 7712); however, 1Xi 1Cap is a slow star.

*BS 8130 – Peters suggests a double identification for the Almagest star here: 65 Tau and 66 Ups in Corvus.

Explanatory notes for tables P1.2 and P1.3

Tables P1.2 and P1.3 contain data that concern the named stars. The actual stars are the same in both

tables; however, their respective order is different. In table P1.2 the stars are arranged by name, and in table P1.3 – by their respective numbers in the Bright Star Catalogue (BS4, [1197]).

Tables P1.2 and P1.3 contain all the stars that were given individual names by the astronomers according to the Bright Star Catalogue ([1197]).

It is known that many (but not all) stars had proper names in the Middle Ages, such as Arcturus, Sirius, Aldebaran etc. One must keep it in mind that some of the stars got new names as time passed by; also, a single star's name could have several forms. In tables P1.2 and P1.3 the names of the stars have the same form as they do in the Bright Star Catalogue BS4 ([1197]).

Tables P1.1 and P1.2 (P1.3) intersect between each other. The matter is that the same star can simultaneously possess a high proper movement speed, which makes it eligible for table P1.1, and also a name of its own that places it in tables P1.2 and P1.3.

Table P1.2

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
ACAMAR	Eri	897
ACHERNAR	Eri	472
Achird	Cas	219
Acrab	Sco	5984
ACRUX	Cru	4730
Acubens	Cnc	3572
ADARA	CMa	2618
Adhafera	Leo	4031
ADHARA	CMa	2618
Adhil	And	390
Adib	Dra	5291
AGENA	Cen	5267
Ain	Tau	1409
Ain al Rami	Sgr	7116
Ak	UMa	4301
Akrab	Sco	5984
Al Anchat al Nahr	Eri	850
Al Anf	Peg	8308
Al Anz	Aur	1605
Al Athfar	Lyr	6903
Al Atik	Per	1131
Al Baldah	Sgr	7264
Al Bali	Aqr	7950
Al Chiba	Crv	4623
Al Dhiba	Dra	5744
Al Dhihi	Dra	5744
Al Dibah	Dra	6396
Al Gieba	Leo	4057
Al Hammam	Peg	8634
Al Kaff al Jidmah	Cet	804
Al Kalb al Asad	Leo	3982
Al Kalb al Rai	Cep	8591
Al Kaphrah	UMa	4518
Al Kirdah	Cep	8417
Al Mankib	Ori	2061
Al Minliar al Ghurab	Crv	4623
Al Minliar al Shuja	Hya	3418

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Al Minliaral Asad	Leo	3731
Al Mizar	And	337
Al Nair	Gru	8425
Al Nasi	Sgr	6746
Al Niyat	Sco	6165
Al Niyat	Sco	6084
Al Rakis	Dra	6370
Al Rescha	Psc	596
Al Richa	Psc	596
Al Rischa	Psc	596
Al Rukbah al Dajajah	Cyg	7851
Al Sanamal Nakah	Cas	21
Al Sheratain	Ari	553
Al Suhail al Muhlif	Vel	3207
Al Suhail al Wazn	Vel	3634
Al Tarf	Cnc	3249
Al Tinnin	Dra	5291
Al Wazor	CMa	2693
Aladfar	Lyr	7298
Aladfar	Lyr	6903
Alamak	And	603
Alanf	Peg	8308
Alanz	Aur	1605
Alaraph	Vir	5056
Alaraph	Vir	4540
Alaraph	Vir	4932
Alascha	Sco	6527
Alathfar	Lyr	6903
Albaldah	Sgr	7264
Albali	Aqr	7950
Albereo	Cyg	7417
ALBIREO	Cyg	7417
Alchiba	Crv	4623
Alchita	Crv	4623
Alcione	Tau	1165
ALCOR	UMa	5062
ALCYONE	Tau	1165

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
ALDEBARAN	Tau	1457
Alderaimin	Cep	8162
ALDERAMIN	Cep	8162
Aldhafara	Leo	4031
Aldhafera	Leo	4031
Aldhibah	Dra	6396
Aldib	Dra	7310
Alfard	Hya	3748
Alfecca	Cra	7254
Alfirk	Cep	8238
Alga	Ser	7141
Algebar	On	1713
Algedi Prima	Cap	7747
Algedi Secunda	Cap	7754
Algeiba	Leo	4057
Algenib	Per	1017
ALGENIB	Peg	39
Algenubi	Leo	3873
ALGIEBA	Leo	4057
Algiedi	Cap	7747
ALGOL	Per	936
Algomeyla	CMi	2845
Algomeysa	Cmi	2943
Algorab	Crv	4757
Algoral	Crv	4757
Algorel	Crv	4757
Algores	Crv	4757
Alhajoth	Aur	1708
ALHENA	Gem	2421
Aliath	UMa	4905
ALIOOTH	UMa	4905
ALKAID	UMa	5191
Alkalurops	Boo	5733
Alkaphrah	UMa	4518
Alkes	Crt	4287
Alkhiba	Crv	4623
Alkurhah	Cep	8417

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Almaac	And	603
Almaach	And	603
Almaack	And	603
ALMAAK	And	603
Almaaz	Aur	1605
Almak	And	603
Almuredin	Vir	4932
ALNAIR	Gru	8425
Alnasl	Sgr	6746
ALNATH	Tau	1791
Alnath	An	617
Alnihan	Ori	1903
ALNILAM	Ori	1903
Alnitah	Ori	1948
ALNITAK	Ori	1948
Alnitam	Ori	1903
Alniyat	Sco	6084
Alphaca	CrB	5793
Alphacca	CrB	5793
ALPHARD	Hya	3748
Alphart	Hya	3748
Alphecca	CrB	5793
ALPHEKKA	CrB	5793
Alpherat	And	15
ALPHERATZ	And	15
Alphirk	Cep	8238
Alrai	Cep	8974
Alrami	Sgr	7348
Alrescha	Psc	596
Alrischa	Psc	596
Alrisha	Psc	596
Alruccabah	UMi	424
Alsafi	Dra	7462
Alsahm	Sge	7479
Alschain	Aql	7602
Alschairn	Aql	7602
Alsciaukat	Lyn	3275

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
ALSHAIN	Aql	7602
Alshat	Cap	7773
Alshemali	Leo	3905
Alsu hail	Vel	3634
ALTAIR	Aql	7557
Altais	Dra	7310
Altarf	Cnc	3249
Alterf	Leo	3773
Althafi	Dra	7462
Aludra	CMa	2827
Alula Australis	UMa	4375
Alula Borealis	UMa	4377
Alwaid	Dra	6536
Alwazi	Sgr	6746
Alwazn	CMa	2693
Alya	Ser	7141
Alzirr	Gem	2484
Amazon Star	Ori	1790
Ancha	Aqr	8499
Anchat	Eri	850
Andromeda's Head	And	15
Angel Stern	UMi	424
Angetenar	Eri	850
ANKAA	Phc	99
Anser	Vul	7405
ANTARES	Sco	6134
Antecanis	CMi	2943
Apollo	Gem	2891
ARCTURUS	Boo	5340
Arich	Vir	4825
Arided	Cyg	7924
Aridif	Cyg	7924
Arietis	Ari	617
Arkab Posterior	Sgr	7343
Arkab Prior	Sgr	7337
ARNEB	Lep	1865
Arrai	Cep	8974
Arrakis	Dra	6370

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Arrioph	Cyg	7924
Ascella	Sgr	7194
Aschcre	CMa	2491
Asellus Australis	Cnc	3461
Asellus Borealis	Cnc	3449
Asellus Primus	Boo	5404
Asellus Secundus	Boo	5350
Asellus Tertius	Boo	5329
Ashtaroth	CrB	5793
Asmidiske	Pup	3045
Asmidiske	Pup	3699
Aspidiske	Pup	3045
Aspidiske	Car	3699
Asterope	Tau	1151
Asuia	Dra	6536
Atair	Aql	7557
Athafi	Dra	7462
Athafiy	Dra	7462
Ati	Per	1131
Atik	Per	1131
Atlas	Tau	1178
Atria	Tri	544
Auva	Vir	4910
Avior	Car	3307
Azelfafage	Cyg	8301
Azha	Eri	874
Azimech	Vir	5056
Azmidiske	Pup	3045
Azmidiske	Pup	3699
Baham	Peg	8450
Baten Kaitos	Cet	539
Batenkaitos	Cet	539
Bcteigeux	Ori	2061
Bctelgeuze	Ori	2061
Becrux	Cru	4853
Beid	Eri	1298
BELLATRIX	Ori	1790
Benatnasch	UMa	5191

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Benetnasch	UMa	5191
Benetnash	UMa	5191
BETELGEUSE	Ori	2061
Biham	Peg	8450
Botein	Ari	951
Brachium	Sco	5603
Bunda	Agr	8264
Caiam	Her	6117
Cajam	Her	6117
Calbalakrab	Sco	6134
Calx	Gem	2286
Canicula	CMa	2491
CANOPUS	Car	2326
CAPELLA	Aur	1708
Caph	Cas	21
Caput Trianguli	Tri	544
CASTOR	Gem	2891
Castula	Cas	265
Castula	Cas	253
Ccliclo	Tau	1140
Cebalrai	Oph	6603
Ceginus	Boo	5435
Celaeno	Tau	1140
Celb-al-Rai	Oph	6603
Celeno	Tau	1140
Chaph	Cas	21
Chara	CVn	4785
Chclcb	Oph	6603
Chenan	Leo	4359
Chort	Leo	4359
Clava	Boo	5733
COR CAROLI	CVn	4915
Cor Hydrae	Hya	3748
Cor Lconis	Leo	3982
Cor Scorpii	Sco	6134
Cor Serpentis	Scr	5854
Cor Tauri	Tau	1457
Cornu	Sco	5603

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Coxa	Leo	4359
Cujam	Her	6117
Cursa	Eri	1666
Cymbae	Phe	99
Cynosura	UMi	424
Dabih	Cap	7776
Dabih Major	Cap	7776
Dabih Minor	Cap	7775
Demon Star	Per	936
Deneb	Cet	334
Deneb	Aql	7235
Deneb	Leo	4534
DENEBO	Cyg	7924
Deneb	Aql	7176
Deneb	Del	7852
Deneb Aleet	Leo	4534
Deneb Algedi	Cap	8322
Deneb Algenubi	Cet	334
Deneb Algiedi	Cap	8322
Deneb Cygni	Cyg	7924
Deneb Dulfim	Del	7852
Deneb el Adige	Cyg	7924
Deneb el Delphinus	Del	7852
Deneb el Okab	Aql	7235
Deneb el Okab	Aql	7176
Deneb Kaitos	Cet	188
Deneb Kaitos Senubiy	Cet	188
Deneb Kaitos Shamaliy	Cet	74
Deneb Kaitos Shemali	Cet	74
DENEBOA	Leo	4534
Dhabih	Cap	7776
Dhalim	Eri	1666
Dheneb	Cet	334
Dhur	Leo	4357
Diadem	Corn	4968
Difda	Cet	188
Difda al Auwel	PsA	8728
Difda al Thani	Cet	188

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
DIPHDA	Cet	188
Dog Star	CMa	2491
Dragon's Tail	Dra	5291
Driver	Aur	1708
Dschubba	Sco	5953
Dsiban	Dra	6636
Dubb	UMa	4301
DUBHE	UMa	4301
Duhr	Leo	4357
Dziban	Dra	6636
Ed Asich	Dra	5744
El Acola	UMa	4375
El Ghoul	Per	936
El Kaprah	UMa	3594
El Karidab	Sgr	6859
El Khereb	Peg	8880
El Koprah	UMa	4518
El Melik	Aqr	8414
El Nath	Ari	617
EL NATH	Tau	1791
El Phekrah	UMa	4069
El Rakis	Dra	6370
El Rischa	Psc	596
El-Dhalim	Eri	1666
El-Difda	Cet	188
El-Khereb	Peg	8880
Elacrab	Sco	5984
Eldsich	Dra	5744
Electra	Tau	1142
Elgebar	Ori	1713
Elgomaisa	CMi	2943
Elkeid	UMa	5191
Elkhiffa Australis	Lib	5531
Elkhiffa Borealis	Lib	5685
Elmathalleth	Tri	544
Elmuthalleth	Tri	544
Eltanin	Dra	6705
Enf	Peg	8308

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
ENIF	Peg	8308
Eniph	Peg	8308
Enir	Peg	8308
Er Rai	Cep	8974
Er Rakis	Dra	6370
Erakis	Cep	8316
Errai	Cep	8974
Errakis	Dra	6370
ETAMIN	Dra	6705
Etanin	Dra	6705
Ettanin	Dra	6705
Falx Italica	Boo	5533
Fidis	Lyr	7001
First Frog	PsA	8728
First Star in Aries	Ari	545
Fom	Peg	8308
FOMALHAUT	PsA	8728
Fornacis	For	963
Fum Al Samakah	Psc	8773
Furud	CMa	2282
Gacrux	Cru	4763
Gallina	Cyg	7924
Garnet Star	Cep	8316
Gemma	CrB	5793
Genam	Dra	6688
Gianfar	Dra	4434
Giansar	Dra	4434
Giausar	Dra	4434
Giauzar	Dra	4434
Giedi Prima	Cap	7747
Giedi Secunda	Cap	7754
Gienah	Cyg	7949
Gienah	Crv	4662
Gienah Cygni	Cyg	7949
Gienah Ghurab	Crv	4662
Gildun	UMi	6789
Gnosia	CrB	5793
Gnosia Stella Coronae	CrB	5793

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Goat Star	Aur	1708
Gomeisa	Cmi	2845
Gomeisa	CMi	2943
Gomelza	CMi	2845
Gorgona	Per	936
Gorgonea Prima	Per	936
Gorgonea Quarta	Per	947
Gorgonea Secunda	Per	879
Gorgonea Tcrtia	Per	921
Graffias	Sco	5984
Grafias	Sco	5984
Gredi	Cap	7754
Gredi	Cap	7754
Grumium	Dra	6688
HADAR	Cen	5267
Haedus	Aur	1612
HAMAL	Ari	617
Hamul	Ari	617
Haris	Boo	5435
Harp Star	Leo	7001
Hassaleh	Aur	1577
Hastorang	PsA	8728
Hatysa	On	1899
Head of Hydros	Hyi	591
Head of Medusa	Per	936
Head of Phoenix	Phe	99
Heka	Ori	1879
Hemal	Ari	617
Hercules	Gem	2990
Heze	Vir	5107
Hoedus I	Aur	1612
Hoedus II	Aur	1641
Homam	Peg	8634
Homan	Peg	8634
Humam	Peg	8634
Hyadum I	Tau	1346
Hyadum II	Tau	1373
Hyadum Primus	Tau	1346

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Icalurus	Boo	5733
Iclarkrau	Sco	5953
Icu of Babylon	Aur	1708
Inkalunis	Boo	5733
Isis	CMa	2657
Isis	CMa	2491
IZAR	Boo	5506
Jabbah	Sco	6027
Jed	Oph	6056
Jewel	CrB	5793
Job's Star	Boo	5340
Jugum	Lyr	7178
Juza	Dra	4434
Kabeleced	Leo	3982
Kaff	Cas	21
Kaffa	UMa	4660
Kaffaljdhma	Cet	804
Kaitain	Psc	596
Kajam	Her	6117
Kalb	Leo	3982
Kalb al Akrab	Sco	6134
Kalb al Rai	Oph	6603
Kalbalrai	Oph	6603
Kalbelaphard	Hya	3748
KAUS AUSTRALIS	Sgr	6879
Kaus Borealis	Sgr	6913
Kaus Media	Sgr	6859
Kaus Meridionalis	Sgr	6859
Keid	Eri	1325
Kelb	Leo	3982
Kelb Alrai	Oph	6603
Kelb-al-Rai	Oph	6603
Kerb	Peg	8880
Kied	Eri	1325
Kiffa Australis	Lib	5531
Kiffa Borealis	Lib	5685
Kitalpha	Equ	8131
Kitalphar	Equ	8131

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Kitel Phard	Equ	8131
KOCAB	UMi	5563
Kochab	UMi	5563
Kochah	UMi	5563
Komephoros	Her	6148
Korneforos	Her	6148
Kraz	Crv	4786
Ksora	Cas	403
Kuma	Dra	6555
Kurhah	Cep	8417
Kursa	Eri	1666
La Superba	CVn	4945
Lesath	Sco	6527
Lesath	Sco	6508
Lesath	Sco	6027
Leschath	Sco	6508
Lesuth	Sco	6508
Lesuth	Sco	6527
Lodestar	UMi	424
Lost Pleiad	Tau	1140
Lucida Cymbae	Phe	99
Maasym	Her	6526
Mabsuthat	Lyn	3275
Maia	Tau	1149
Maiaplacidus	Car	3685
Marchab	Peg	8781
Marfac	Per	1017
Marfak	Cas	321
Marfak	Cas	343
Marfak	Per	1017
Marfak	Her	6008
Marfic	Oph	6149
Marfic	Her	6008
Marfik	Oph	6149
Marfik	Her	6008
Markab	Peg	8880
Markab	Pup	2948
MARKAB	Peg	8781

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Markeb	Peg	8880
Markeb	Pup	2948
Marrha	Boo	5533
Marsic	Oph	6149
Marsik	Her	6008
Masym	Her	6526
Matar	Peg	8650
Mebstuta	Gem	2473
Mebusta	Gem	2473
Media	Sgr	6859
Megracs	UMa	4660
MEGREZ	UMa	4660
Meissa	Ori	1879
Mekab	Cet	911
Mekbuda	Gem	2650
Melboula	Gem	2473
Melucta	Gem	2473
Menchib	Per	1228
Menkab	Cet	911
Menkalina	Aur	2088
Menkalinan	Aur	2088
Menkar	Cet	896
MENKAR	Cet	911
Menkent	Cen	5288
Menkhib	Per	1228
Menkib	Per	1228
Menkib	Peg	8775
Merach	And	337
MERAK	UMa	4295
Meres	Boo	5602
Merez	Boo	5602
Merga	Boo	5533
Meridiana	Cra	7254
Merope	Tau	1156
Mesarthim	Ari	546
Mesartim	Ari	546
Metallah	Tri	544
Miaplacidus	Car	3685

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Mimosa	Cru	4853
Minelauva	Vir	4910
Minelauva	Vir	4540
Minkar	Crv	4630
MINTAKA	Ori	1852
Mintika	Ori	1852
MIRA	Cet	681
Mirac	And	337
Mirac	Boo	5506
MIRACH	And	337
Mirach	Boo	5506
Mirak	Boo	5506
Mirak	UMa	4295
Miram	Per	834
Mirfak	Her	6008
Mirfak	Per	1017
MIRPHAK	Per	1017
Mirza	UMa	5054
Mirza	CMa	2657
Mirza	CMa	2294
Mirzak	Per	1017
Mirzam	CMa	2294
Misam	Per	
Misam	Per	941
Misam	Her	6526
Mismar	UMi	424
Mizar	And	337
Mizar	Boo	5506
MIZAR	UMa	5054
Mizat	UMa	5054
Monkar	Cet	911
Mothallah	Tri	544
Mufrid	Boo	5235
Mufride	Boo	5235
Muliphein	CMa	2657
Muliphen	CMa	2657
Muphrid	Boo	5235
Muphridc	Boo	5235

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Murzim	CMf	2294
Muscida	UMa	3403
Muscida	UMa	3323
Museida	UMa	3403
Nair al Zaurak	Phc	99
Nairal Saif	Ori	1899
Naos	Pup	3165
Nash	Sgr	6746
Nashira	Cap	8278
Nath	Tau	1791
Navigatoria	UMi	424
Nekkar	Boo	5602
Nibal	Lep	1829
Nicolaus	Del	7906
NIHAL	Lep	1829
Nodus I	Dra	6396
Nodus II	Dra	7310
NUNKI	Sgr	7121
Nusakan	CrB	5747
Nushaba	Sgr	6746
Oculus Boreus	Tau	1409
Okda	Psc	596
Os Pegasi	Peg	8308
Os Piscis Meridiani	PsA	8728
Os Piscis Notii	PsA	8728
Osiris	CMa	2491
Palilicium	Tau	1457
Parilicium	Tau	1457
Peacock	Pav	7790
Phacd	UMa	4554
Phact	Col	1956
Phad	Col	1956
PHAD	UMa	4554
Phaet	Col	1956
Phakt	Col	1956
Phecda	UMa	4554
Phegda	UMa	4554
Phekda	UMa	4554

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Phekha	UMa	4554
Pherkad	UMi	5735
Pherkad Major	UMi	5735
Pherkad Minor	UMi	5714
Pherkard	UMi	6789
Phoenice	UMi	424
Phurud	CMa	2282
Pishpai	Gem	2286
Plaskett's Star		2422
Pleione	Tau	1180
POLARIS	UMi	424
Polaris Australis	Oct	7228
Pole Star	UMi	424
POLLUX	Gem	2990
Porrima	Vir	4825
Pracsacpe	Cnc	3429
Praecipua	LMi	4247
Praepes	Gem	2216
Prima Giedi	Cap	7747
PROCYON	CMi	2943
Propus	Gem	2821
Propus	Gem	2216
Protrygetor	Vir	4932
Pulcherrima	Boo	5506
Rana	Eri	1136
Rana Secunda	Cet	188
Ras al Asad	Leo	3905
Ras al Mothallath	Tri	544
Ras al Muthallath	Tri	544
Ras Algethi	Her	6406
Ras Alhagua	Oph	6556
Ras Alhague	Oph	6556
Ras Elascd Australis	Leo	3873
Ras Elased Borealis	Leo	3905
Ras Hammel	Ari	617
Ras-al-hague	Oph	6556
Rasaben	Dra	6705
Rasalas	Leo	3905

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Rasalegti	Her	6406
RASALGETHI	Her	6406
RASALHAGUE	Oph	6556
Rastaban	Dra	6705
Rastaban	Dra	6536
Rastaben	Dra	6536
Reda	Aql	7525
REGULUS	Leo	3982
Rescha	Psc	596
Rex	Leo	3982
RIGEL	Ori	1713
Rigel Kent	Cen	5459
Rigel Kentaurus	Cen	5459
RIGIL KENT	Cen	5459
Rigil Kentaurus	Cen	5459
Riji al Awwa	Vir	5487
Rotanen	Del	7882
Rotanev	Del	7882
Rucha	Cas	403
Ruchba	Cyg	7851
Ruchbah	Cas	542
Ruchbah	Cas	403
Ruchbah ur Ramih	Sgr	7348
Rukbat	Sgr	7348
Rukbat al Rami	Sgr	7348
Rukbat al-dejajah	Cyg	7851
Rutilicus	Her	6148
Saad el Melik	Aqr	8414
Saad el Sund	Aqr	8232
Sabik	Oph	6378
Saclateni	Ori	1612
Sad es Saud	Aqr	8232
Sad-al-melik	Aqr	8414
Sadachbia	Aqr	8518
Sadal Melik	Aqr	8414
Sadal Suud	Aqr	8232
Sadalachbia	Aqr	8518
Sadalbari	Peg	8684

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Sadalmeiek	Aqr	8414
SADALMELIK	Aqr	8414
Sadalsud	Aqr	8232
Sadalsund	Aqr	8232
Sadalsuud	Aqr	8232
Sadatoni	Ori	1612
Sadir	Cyg	7796
Sadira	Sgr	7121
Sadlamulk	Aqr	8414
Sador	Cyg	7796
Sadr	Cyg	7796
Sadr el dedschadsche	Cyg	7796
Saidak	UMa	5062
SAIPH	Ori	2004
Saiph	Ori	1899
Saiph	Ori	1788
Salm	Peg	8880
Sargas	Sco	6553
Sarin	Her	6410
Sartan	Cnc	3572
Scalovin	Del	7906
Sceptrum	Eri	1481
Schedir	Cas	168
Scheat	Aqr	8709
SCHEAT	Peg	8775
Schedar	Cas	168
Scheddi	Cap	8322
Schemali	Cet	74
Scutulum	Car	3699
Seat Alphas	Peg	8775
Second Frog	Cct	188
Secunda Giedi	Cap	7754
Segin	Cas	542
Seginus	Boo	5435
Sertan	Cnc	3572
Sham	Sge	7479
Sharatan	Ari	553
SHAULA	Sco	6527

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Sheat	Aqr	8709
Sheat	Peg	8775
Sheddi	Cap	8322
SHEDIR	Cas	168
SHELIAK	Lyr	7106
Shelyak	Lyr	7106
Shemali	Cet	74
Shepherd's Star	Aur	1708
Sheratan	Ari	553
Shiliak	Lyr	7106
Singer	Aur	1708
Sirah	And	15
SIRIUS	CMa	2491
Sirrah	And	15
Situla	Aqr	8610
Skat	Aqr	8709
SPICA	Vir	5056
Spica Virginis	Vir	5056
Star of Arcady	UMi	424
Sterope	Tau	1151
Sualocin	Del	7906
Subra	Leo	3852
Suha	UMa	5062
Suhail	Vel	3634
Suhail	Car	2326
Suhail al Mulif	Vel	3207
Suhail al Wazn	Vel	3634
Suhail Hadar	Pup	3165
Suhel	Car	2326
Sulafat	Lyr	7178
Sulaphat	Lyr	7178
Superba	CVn	4846
Svalocin	Del	7906
Syrma	Vir	5338
Tabit	Ori	1855
Tabit	Ori	1543
Talita	UMa	3569
Talitha	UMa	3569

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Tania Australis	UMa	4069
Tania Borealis	UMa	4033
Tarazad	Aql	7525
TARAZED	Aql	7525
Tayeta	Tau	1145
Taygeta	Tau	1145
Taygete	Tau	1145
Tcrebellum	Sgr	7604
Tegmen	Cnc	3208
Tegminc	Cnc	3208
Tejat	Gem	2286
Tejat Posterior	Gem	2286
Tejat Prior	Gem	2216
Thabit	Ori	1855
Thecmim	Eri	1464
THUBAN	Dra	5291
Toliman	Cen	5459
Tolimann	Cen	5459
Torcularis Septentrionalis	Psc	510
Tramontana	UMi	424
Turais	Car	3699
Tureis	Car	3699
Tyl	Dra	7582
Unuk	Ser	5854
Unuk al Hay	Ser	5854
Unuk Elhaia	Ser	5854
UNUKALHAI	Ser	5854
Unukalhay	Ser	5854
Urkab Posterior	Sgr	7343
Urkab Prior	Sgr	7337
Variabilis Coronae	CrB	5880
VEGA	Lyr	7001
Venabulum	Boo	5733
Venator	Del	7882
Vendemiatrix	Vir	4932
Vespertilio	Sco	6134
Vildiur	UMi	6789
Vindemiator	Vir	4932

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
VINDEMIATRIX	Vir	4932
Wasat	Gem	2777
Wazn	Col	2040
Wega	Lyr	7001
Wesat	Gem	2777
Wesen	CMA	2693
Wezen	CMA	2693
Wezn	Col	2040
Yad	Oph	6056
Yed	Oph	6056
Yed Posterior	Oph	6075
Yed Prior	Oph	6056
Yildun	UMi	6789
Yilduz	UMi	424
Yilduz	UMi	6789
Zaniah	Vir	4689
Zarijan	Vir	4540
Zaurac	Eri	1231
Zaurack	Eri	1231
ZAURAK	Eri	1231
Zavijah	Vir	4540
Zavijava	Vir	4540
Zavyava	Vir	4540
Zawijah	Vir	4540
Zenith Star	Dra	6705
Zibal	Eri	984
Zibel	Eri	984
Zosca	Leo	4357
Zosma	Leo	4357
Zozca	Leo	4357
Zozma	Leo	4357
Zubcneschamali	Lib	5685
Zuben el Chamali	Lib	5685
Zuben el Genubi	Lib	5531
Zuben el Genubi	Sco	5603
Zuben el Hakrabi	Lib	5787
Zuben Elakrab	Lib	5787
Zuben Elakribi	Lib	5586

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Zuben Elgenubi	Lib	5531
Zuben Elgenubi	Sco	5603
Zuben Elschemali	Lib	5685
Zuben Hakrabi	Lib	5723
Zuben Hakrabi	Sco	5603
Zuben Hakrabi	Lib	5622
Zuben Hakrabi	Lib	5787

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Zubeneig	Lib	5685
Zubengelgenubi	Lib	5531
Zubenesch	Lib	5685
Zubenhakrabi	Lib	5787
Zubra	Leo	4357
Zujj al Nushshabah	Sgr	6746

Table P1.3

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Alpherat	And	15	Al Mizar	And	337
ALPHERATZ	And	15	Merach	And	337
Andromeda's Head	And	15	Mirac	And	337
Sirah	And	15	MIRACH	And	337
Sirrah	And	15	Mizar	And	337
Al Sanamal Nakah	Cas	21	Marfak	Cas	343
Caph	Cas	21	Adhil	And	390
Chaph	Cas	21	Ksora	Cas	403
Kaff	Cas	21	Rucha	Cas	403
ALGENIB	Peg	39	Ruchbah	Cas	403
Deneb Kaitos Shamaliy	Cet	74	Alruccabah	UMi	424
Deneb Kaitos Shemali	Cet	74	Angel Stern	UMi	424
Schemali	Cet	74	Cynosura	UMi	424
Shemali	Cet	74	Lodestar	UMi	424
ANKAA	Phc	99	Mismar	UMi	424
Cymbae	Phe	99	Navigatoria	UMi	424
Head of Phoenix	Phe	99	Phoenice	UMi	424
Lucida Cymbae	Phe	99	POLARIS	UMi	424
Nair al Zaurak	Phc	99	Pole Star	UMi	424
Schcdir	Cas	168	Star of Arcady	UMi	424
Schedar	Cas	168	Tramontana	UMi	424
SHEDIR	Cas	168	Yilduz	UMi	424
Deneb Kaitos	Cet	188	ACHERNAR	Eri	472
Deneb Kaitos Senubiy	Cet	188	Torcularis Septentrionalis	Psc	510
Difda	Cet	188	Baten Kaitos	Cet	539
Difda al Thani	Cet	188	Batenkaitos	Cet	539
DIPHDA	Cet	188	Ruchbah	Cas	542
El-Difda	Cet	188	Segin	Cas	542
Rana Secunda	Cet	188	Atria	Tri	544
Second Frog	Cct	188	Caput Trianguli	Tri	544
Achird	Cas	219	Elmathalleth	Tri	544
Castula	Cas	253	Elmuthalleth	Tri	544
Castula	Cas	265	Metallah	Tri	544
Marfak	Cas	321	Mothallah	Tri	544
Deneb	Cet	334	Ras al Mothallath	Tri	544
Deneb Algenubi	Cet	334	Ras al Muthallath	Tri	544
Dheneb	Cet	334	First Star in Aries	Ari	545

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Mesarthim	Ari	546
Mesartim	Ari	546
Al Sheratain	Ari	553
Sharatan	Ari	553
Sheratan	Ari	553
Head of Hydros	Hyi	591
Al Rescha	Psc	596
Al Richa	Psc	596
Al Rischa	Psc	596
Alrescha	Psc	596
Alrischa	Psc	596
Alrisha	Psc	596
El Rischa	Psc	596
Kaitain	Psc	596
Okda	Psc	596
Rescha	Psc	596
Alamak	And	603
Almaac	And	603
Almaach	And	603
Almaack	And	603
ALMAAK	And	603
Almak	And	603
Alnath	An	617
Arietis	Ari	617
El Nath	Ari	617
HAMAL	Ari	617
Hamul	Ari	617
Hemal	Ari	617
Ras Hammel	Ari	617
MIRA	Cet	681
Al Kaff al Jidmah	Cet	804
Kaffaljidhma	Cet	804
Miram	Per	834
Al Anchat al Nahr	Eri	850
Anchat	Eri	850
Angetenar	Eri	850
Azha	Eri	874

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Gorgonea Secunda	Per	879
Menkar	Cet	896
ACAMAR	Eri	897
Mekab	Cet	911
Menkab	Cet	911
MENKAR	Cet	911
Monkar	Cet	911
Gorgonea Tcrtia	Per	921
ALGOL	Per	936
Demon Star	Per	936
El Ghoul	Per	936
Gorgona	Per	936
Gorgonea Prima	Per	936
Head of Medusa	Per	936
Misam	Per	941
Gorgonea Quarta	Per	947
Botein	Ari	951
Fornacis	For	963
Zibal	Eri	984
Zibel	Eri	984
Algenib	Per	1017
Marfac	Per	1017
Marfak	Per	1017
Mirfak	Per	1017
MIRPHAK	Per	1017
Mirzak	Per	1017
Al Atik	Per	1131
Ati	Per	1131
Atik	Per	1131
Rana	Eri	1136
Ccliclo	Tau	1140
Celaeno	Tau	1140
Celeno	Tau	1140
Lost Pleiad	Tau	1140
Electra	Tau	1142
Tayeta	Tau	1145
Taygeta	Tau	1145

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Taygete	Tau	1145
Maia	Tau	1149
Asterope	Tau	1151
Sterope	Tau	1151
Merope	Tau	1156
Alcione	Tau	1165
ALCYONE	Tau	1165
Atlas	Tau	1178
Pleione	Tau	1180
Menchib	Per	1228
Menkhib	Per	1228
Menkib	Per	1228
Zaurac	Eri	1231
Zaurack	Eri	1231
ZAURAK	Eri	1231
Beid	Eri	1298
Keid	Eri	1325
Kied	Eri	1325
Hyadum I	Tau	1346
Hyadum Primus	Tau	1346
Hyadum II	Tau	1373
Ain	Tau	1409
Oculus Boreus	Tau	1409
ALDEBARAN	Tau	1457
Cor Tauri	Tau	1457
Palilicium	Tau	1457
Parilicium	Tau	1457
Thecmim	Eri	1464
Sceptrum	Eri	1481
Tabit	Ori	1543
Hassaleh	Aur	1577
Al Anz	Aur	1605
Alanz	Aur	1605
Almaaz	Aur	1605
Haedus	Aur	1612
Hoedus I	Aur	1612
Saclateni	Ori	1612
Sadatoni	Ori	1612

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Hoedus II	Aur	1641
Cursa	Eri	1666
Dhalim	Eri	1666
El-Dhalim	Eri	1666
Kursa	Eri	1666
Alhajoth	Aur	1708
CAPELLA	Aur	1708
Driver	Aur	1708
Goat Star	Aur	1708
Icu of Babylon	Aur	1708
Shepherd's Star	Aur	1708
Singer	Aur	1708
Algebar	On	1713
Elgebar	Ori	1713
RIGEL	Ori	1713
Saiph	Ori	1788
Amazon Star	Ori	1790
BELLATRIX	Ori	1790
ALNATH	Tau	1791
EL NATH	Tau	1791
Nath	Tau	1791
Nibal	Lep	1829
NIHAL	Lep	1829
MINTAKA	Ori	1852
Mintika	Ori	1852
Tabit	Ori	1855
Thabit	Ori	1855
ARNEB	Lep	1865
Heka	Ori	1879
Meissa	Ori	1879
Hatysa	On	1899
Nairal Saif	Ori	1899
Saiph	Ori	1899
Alnihan	Ori	1903
ALNILAM	Ori	1903
Alnitam	Ori	1903
Alnitah	Ori	1948
ALNITAK	Ori	1948

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Phact	Col	1956
Phad	Col	1956
Phaet	Col	1956
Phakt	Col	1956
SAIPH	Ori	2004
Wazn	Col	2040
Wezn	Col	2040
Al Mankib	Ori	2061
Bcteigeux	Ori	2061
Bctelgeuze	Ori	2061
BETELGEUSE	Ori	2061
Menkalina	Aur	2088
Menkalinan	Aur	2088
Praepes	Gem	2216
Propus	Gem	2216
Tejat Prior	Gem	2216
Furud	CMA	2282
Phurud	CMA	2282
Calx	Gem	2286
Pishpai	Gem	2286
Tejat	Gem	2286
Tejat Posterior	Gem	2286
Mirza	CMA	2294
Mirzam	CMA	2294
Murzim	CMf	2294
CANOPUS	Car	2326
Suhail	Car	2326
Suhel	Car	2326
ALHENA	Gem	2421
Plaskett's Star		2422
Mebstuta	Gem	2473
Mebusta	Gem	2473
Melboula	Gem	2473
Melucta	Gem	2473
Alzirr	Gem	2484
Aschre	CMA	2491
Canicula	CMA	2491
Dog Star	CMA	2491

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Isis	CMA	2491
Osiris	CMA	2491
SIRIUS	CMA	2491
ADARA	CMA	2618
ADHARA	CMA	2618
Mekbuda	Gem	2650
Isis	CMA	2657
Mirza	CMA	2657
Muliphein	CMA	2657
Muliphen	CMA	2657
Al Wazor	CMA	2693
Alwazn	CMA	2693
Wesen	CMA	2693
Wezen	CMA	2693
Wasat	Gem	2777
Wesat	Gem	2777
Propus	Gem	2821
Aludra	CMA	2827
Algomeyla	CMi	2845
Gomeisa	Cmi	2845
Gomelza	CMi	2845
Apollo	Gem	2891
CASTOR	Gem	2891
Algomeysa	Cmi	2943
Antecanis	CMi	2943
Elgomaisa	CMi	2943
Gomeisa	CMi	2943
PROCYON	CMi	2943
Markab	Pup	2948
Markeb	Pup	2948
Hercules	Gem	2990
POLLUX	Gem	2990
Asmidiske	Pup	3045
Aspidiske	Pup	3045
Azmidiske	Pup	3045
Naos	Pup	3165
Suhail Hadar	Pup	3165
Al Suhail al Muhlif	Vel	3207

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Suhail al Mulif	Vel	3207
Tegmen	Cnc	3208
Tegminc	Cnc	3208
Al Tarf	Cnc	3249
Altarf	Cnc	3249
Alsciaukat	Lyn	3275
Mabsuthat	Lyn	3275
Avior	Car	3307
Muscida	UMa	3323
Muscida	UMa	3403
Museida	UMa	3403
Al Minliar al Shuja	Hya	3418
Pracsacpe	Cnc	3429
Asellus Borealis	Cnc	3449
Asellus Australis	Cnc	3461
Talita	UMa	3569
Talitha	UMa	3569
Acubens	Cnc	3572
Sartan	Cnc	3572
Sertan	Cnc	3572
El Kaprah	UMa	3594
Al Suhail al Wazn	Vel	3634
Alsu hail	Vel	3634
Suhail	Vel	3634
Suhail al Wazn	Vel	3634
Maiaplacidus	Car	3685
Miaplacidus	Car	3685
Asmidiske	Pup	3699
Aspidiske	Car	3699
Azmidiske	Pup	3699
Scutulum	Car	3699
Turais	Car	3699
Tureis	Car	3699
Al Minliaral Asad	Leo	3731
Alfard	Hya	3748
ALPHARD	Hya	3748
Alphart	Hya	3748
Cor Hydrae	Hya	3748

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Kalbelaphard	Hya	3748
Alterf	Leo	3773
Subra	Leo	3852
Algenubi	Leo	3873
Ras Elascd Australis	Leo	3873
Alshemali	Leo	3905
Ras al Asad	Leo	3905
Ras Elased Borealis	Leo	3905
Rasalas	Leo	3905
Al Kalb al Asad	Leo	3982
Cor Lconis	Leo	3982
Kabeleced	Leo	3982
Kalb	Leo	3982
Kelb	Leo	3982
REGULUS	Leo	3982
Rex	Leo	3982
Adhafera	Leo	4031
Aldhafara	Leo	4031
Aldhafera	Leo	4031
Tania Borealis	UMa	4033
Al Gieba	Leo	4057
Algeiba	Leo	4057
ALGIEBA	Leo	4057
El Phekrah	UMa	4069
Tania Australis	UMa	4069
Praecipua	LMi	4247
Alkes	Crt	4287
MERAK	UMa	4295
Mirak	UMa	4295
Ak	UMa	4301
Dubb	UMa	4301
DUBHE	UMa	4301
Dhur	Leo	4357
Duhr	Leo	4357
Zosca	Leo	4357
Zosma	Leo	4357
Zozca	Leo	4357
Zozma	Leo	4357

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Zubra	Leo	4357
Chenan	Leo	4359
Chort	Leo	4359
Coxa	Leo	4359
Alula Australis	UMa	4375
El Acola	UMa	4375
Alula Borealis	UMa	4377
Gianfar	Dra	4434
Giansar	Dra	4434
Giausar	Dra	4434
Giauzar	Dra	4434
Juza	Dra	4434
Al Kaphrah	UMa	4518
Alkaphrah	UMa	4518
El Koprach	UMa	4518
Deneb	Leo	4534
Deneb Aleet	Leo	4534
DENEbola	Leo	4534
Alaraph	Vir	4540
Minelauva	Vir	4540
Zarijan	Vir	4540
Zavijah	Vir	4540
Zavijava	Vir	4540
Zavyava	Vir	4540
Zawijah	Vir	4540
Phacd	UMa	4554
PHAD	UMa	4554
Phecda	UMa	4554
Phegda	UMa	4554
Phekda	UMa	4554
Phekha	UMa	4554
Al Chiba	Crv	4623
Al Minliar al Ghurab	Crv	4623
Alchiba	Crv	4623
Alchita	Crv	4623
Alkhiba	Crv	4623
Minkar	Crv	4630
Kaffa	UMa	4660

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Megracs	UMa	4660
MEGREZ	UMa	4660
Gienah	Crv	4662
Gienah Ghurab	Crv	4662
Zaniah	Vir	4689
ACRUX	Cru	4730
Algorab	Crv	4757
Algoral	Crv	4757
Algorel	Crv	4757
Algores	Crv	4757
Gacrux	Cru	4763
Chara	CVn	4785
Kraz	Crv	4786
Arich	Vir	4825
Porrima	Vir	4825
Superba	CVn	4846
Becrux	Cru	4853
Mimosa	Cru	4853
Aliath	UMa	4905
ALIOTh	UMa	4905
Auva	Vir	4910
Minelauva	Vir	4910
COR CAROLI	CVn	4915
Alaraph	Vir	4932
Almuredin	Vir	4932
Protrygetor	Vir	4932
Vendemiatrix	Vir	4932
Vindemiator	Vir	4932
VINDEMIATRIX	Vir	4932
La Superba	CVn	4945
Diadem	Corn	4968
Mirza	UMa	5054
MIZAR	UMa	5054
Mizat	UMa	5054
Alaraph	Vir	5056
Azimech	Vir	5056
SPICA	Vir	5056
Spica Virginis	Vir	5056

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ALCOR	UMa	5062
Saidak	UMa	5062
Suha	UMa	5062
Heze	Vir	5107
ALKAID	UMa	5191
Benatnasch	UMa	5191
Benetnasch	UMa	5191
Benetnash	UMa	5191
Elkeid	UMa	5191
Mufrid	Boo	5235
Mufride	Boo	5235
Muphrid	Boo	5235
Muphridc	Boo	5235
AGENA	Cen	5267
HADAR	Cen	5267
Menkent	Cen	5288
Adib	Dra	5291
Al Tinnin	Dra	5291
Dragon's Tail	Dra	5291
THUBAN	Dra	5291
Asellus Tertius	Boo	5329
Syrma	Vir	5338
ARCTURUS	Boo	5340
Job's Star	Boo	5340
Asellus Secundus	Boo	5350
Asellus Primus	Boo	5404
Ceginus	Boo	5435
Haris	Boo	5435
Seginus	Boo	5435
Rigel Kent	Cen	5459
Rigel Kentaurus	Cen	5459
RIGIL KENT	Cen	5459
Rigil Kentaurus	Cen	5459
Toliman	Cen	5459
Tolimann	Cen	5459
Riji al Awwa	Vir	5487
IZAR	Boo	5506
Mirac	Boo	5506

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Mirach	Boo	5506
Mirak	Boo	5506
Mizar	Boo	5506
Pulcherrima	Boo	5506
Elkhiffa Australis	Lib	5531
Kiffa Australis	Lib	5531
Zuben el Genubi	Lib	5531
Zuben Elgenubi	Lib	5531
Zubeneigenubi	Lib	5531
Falx Italica	Boo	5533
Marrha	Boo	5533
Merga	Boo	5533
KOCAB	UMi	5563
Kochab	UMi	5563
Kochah	UMi	5563
Zuben Elakribi	Lib	5586
Meres	Boo	5602
Merez	Boo	5602
Nekkar	Boo	5602
Brachium	Sco	5603
Cornu	Sco	5603
Zuben el Genubi	Sco	5603
Zuben Elgenubi	Sco	5603
Zuben Hakrabi	Sco	5603
Zuben Hakrabi	Lib	5622
Elkhiffa Borealis	Lib	5685
Kiffa Borealis	Lib	5685
Zubcneschamali	Lib	5685
Zuben el Chamali	Lib	5685
Zuben Elschemali	Lib	5685
Zubeneig	Lib	5685
Zubenesch	Lib	5685
Pherkad Minor	UMi	5714
Zuben Hakrabi	Lib	5723
Alkalurops	Boo	5733
Clava	Boo	5733
Icalurus	Boo	5733
Inkalunus	Boo	5733

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Venabulum	Boo	5733
Pherkad	UMi	5735
Pherkad Major	UMi	5735
Al Dhiba	Dra	5744
Al Dhihi	Dra	5744
Ed Asich	Dra	5744
Eldsich	Dra	5744
Nusakan	CrB	5747
Zuben el Hakrabi	Lib	5787
Zuben Elakrab	Lib	5787
Zuben Hakraki	Lib	5787
Zubenhakrabi	Lib	5787
Alphaca	CrB	5793
Alphacca	CrB	5793
Alphecca	CrB	5793
ALPHEKKA	CrB	5793
Ashtaroth	CrB	5793
Gemma	CrB	5793
Gnosia	CrB	5793
Gnosia Stella Coronae	CrB	5793
Jewel	CrB	5793
Cor Serpentis	Scr	5854
Unuk	Ser	5854
Unuk al Hay	Ser	5854
Unuk Elhaia	Ser	5854
UNUKALHAI	Ser	5854
Unukalhay	Ser	5854
Variabilis Coronae	CrB	5880
Dschubba	Sco	5953
Iclarkrau	Sco	5953
Acrab	Sco	5984
Akrab	Sco	5984
Elacrab	Sco	5984
Graffias	Sco	5984
Grafias	Sco	5984
Marfak	Her	6008
Marfic	Her	6008
Marfik	Her	6008

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Marsik	Her	6008
Mirfak	Her	6008
Jabbah	Sco	6027
Lesath	Sco	6027
Jed	Oph	6056
Yad	Oph	6056
Yed	Oph	6056
Yed Prior	Oph	6056
Yed Posterior	Oph	6075
Al Niyat	Sco	6084
Alniyat	Sco	6084
Caiam	Her	6117
Cajam	Her	6117
Cujam	Her	6117
Kajam	Her	6117
ANTARES	Sco	6134
Calbalakrab	Sco	6134
Cor Scorpii	Sco	6134
Kalb al Akrab	Sco	6134
Vespertilio	Sco	6134
Komephoros	Her	6148
Korneforos	Her	6148
Rutilicus	Her	6148
Marfic	Oph	6149
Marfik	Oph	6149
Marsic	Oph	6149
Al Niyat	Sco	6165
Al Rakis	Dra	6370
Arrakis	Dra	6370
El Rakis	Dra	6370
Er Rakis	Dra	6370
Errakis	Dra	6370
Sabik	Oph	6378
Al Dibah	Dra	6396
Aldhibah	Dra	6396
Nodus I	Dra	6396
Ras Algethi	Her	6406
Rasalegti	Her	6406

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RASALGETHI	Her	6406
Sarin	Her	6410
Lesath	Sco	6508
Leschath	Sco	6508
Lesuth	Sco	6508
Maasym	Her	6526
Masym	Her	6526
Misam	Her	6526
Alascha	Sco	6527
Lesath	Sco	6527
Lesuth	Sco	6527
SHAULA	Sco	6527
Alwaid	Dra	6536
Asuia	Dra	6536
Rastaban	Dra	6536
Rastaben	Dra	6536
Sargas	Sco	6553
Kuma	Dra	6555
Ras Alhagua	Oph	6556
Ras Alhague	Oph	6556
RASALHAGUE	Oph	6556
Ras-al-hague	Oph	6556
Cebalrai	Oph	6603
Celb-al-Rai	Oph	6603
Chclcb	Oph	6603
Kalb al Rai	Oph	6603
Kalbalrai	Oph	6603
Kelb Alrai	Oph	6603
Kelb-al-Rai	Oph	6603
Dsiban	Dra	6636
Dziban	Dra	6636
Genam	Dra	6688
Grumium	Dra	6688
Eltanin	Dra	6705
ETAMIN	Dra	6705
Etanin	Dra	6705
Ettanin	Dra	6705
Rasaben	Dra	6705

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Rastaban	Dra	6705
Zenith Star	Dra	6705
Al Nasi	Sgr	6746
Alnasl	Sgr	6746
Alwazi	Sgr	6746
Nash	Sgr	6746
Nushaba	Sgr	6746
Zujj al Nushshabah	Sgr	6746
Gildun	UMi	6789
Pherkard	UMi	6789
Vildiur	UMi	6789
Yildun	UMi	6789
Yilduz	UMi	6789
El Karidab	Sgr	6859
Kaus Media	Sgr	6859
Kaus Meridionalis	Sgr	6859
Media	Sgr	6859
KAUS AUSTRALIS	Sgr	6879
Al Athfar	Lyr	6903
Aladfar	Lyr	6903
Alathfar	Lyr	6903
Kaus Borealis	Sgr	6913
Fidis	Lyr	7001
Harp Star	Leo	7001
VEGA	Lyr	7001
Wega	Lyr	7001
SHELIAK	Lyr	7106
Shelyak	Lyr	7106
Shiliak	Lyr	7106
Ain al Rami	Sgr	7116
NUNKI	Sgr	7121
Sadira	Sgr	7121
Alga	Ser	7141
Alya	Ser	7141
Deneb	Aql	7176
Deneb el Okab	Aql	7176
Jugum	Lyr	7178
Sulafat	Lyr	7178

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Sulaphat	Lyr	7178
Ascella	Sgr	7194
Polaris Australis	Oct	7228
Deneb	Aql	7235
Deneb el Okab	Aql	7235
Alfecca	Cra	7254
Meridiana	Cra	7254
Al Baldah	Sgr	7264
Albaldah	Sgr	7264
Aladfar	Lyr	7298
Aldib	Dra	7310
Altais	Dra	7310
Nodus II	Dra	7310
Arkab Prior	Sgr	7337
Urkab Prior	Sgr	7337
Arkab Posterior	Sgr	7343
Urkab Posterior	Sgr	7343
Alrami	Sgr	7348
Ruchbah ur Ramih	Sgr	7348
Rukbat	Sgr	7348
Rukbat al Rami	Sgr	7348
Anser	Vul	7405
Albereo	Cyg	7417
ALBIREO	Cyg	7417
Alsafi	Dra	7462
Althafi	Dra	7462
Athafi	Dra	7462
Athafiyy	Dra	7462
Alsahm	Sge	7479
Sham	Sge	7479
Reda	Aql	7525
Tarazad	Aql	7525
TARAZED	Aql	7525
ALTAIR	Aql	7557
Atair	Aql	7557
Tyl	Dra	7582
Alschain	Aql	7602
Alschairn	Aql	7602

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
ALSHAIN	Aql	7602
Tcrebellum	Sgr	7604
Algedi Prima	Cap	7747
Algiedi	Cap	7747
Giedi Prima	Cap	7747
Prima Giedi	Cap	7747
Algedi Secunda	Cap	7754
Giedi Secunda	Cap	7754
Gredi	Cap	7754
Gredi	Cap	7754
Secunda Giedi	Cap	7754
Alshat	Cap	7773
Dabih Minor	Cap	7775
Dabih	Cap	7776
Dabih Major	Cap	7776
Dhabih	Cap	7776
Peacock	Pav	7790
Sadir	Cyg	7796
Sador	Cyg	7796
Sadr	Cyg	7796
Sadr el dedschadsche	Cyg	7796
Al Rukbah al Dajajah	Cyg	7851
Ruchba	Cyg	7851
Rukbat al-dejajah	Cyg	7851
Deneb	Del	7852
Deneb Dulfim	Del	7852
Deneb el Delphinus	Del	7852
Rotanen	Del	7882
Rotanev	Del	7882
Venator	Del	7882
Nicolaus	Del	7906
Scalovin	Del	7906
Sualocin	Del	7906
Svalocin	Del	7906
Arided	Cyg	7924
Aridif	Cyg	7924
Arrioph	Cyg	7924
DENEBS	Cyg	7924

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Deneb Cygni	Cyg	7924
Deneb el Adige	Cyg	7924
Gallina	Cyg	7924
Gienah	Cyg	7949
Gienah Cygni	Cyg	7949
Al Bali	Aqr	7950
Albali	Aqr	7950
Kitalpha	Equ	8131
Kitalphar	Equ	8131
Kitel Phard	Equ	8131
Alderaimin	Cep	8162
ALDERAMIN	Cep	8162
Saad el Sund	Aqr	8232
Sad es Saud	Aqr	8232
Sadal Suud	Aqr	8232
Sadalsud	Aqr	8232
Sadalsund	Aqr	8232
Sadalsuud	Aqr	8232
Alfirk	Cep	8238
Alphirk	Cep	8238
Bunda	Agr	8264
Nashira	Cap	8278
Azelfafage	Cyg	8301
Al Anf	Peg	8308
Alanf	Peg	8308
Enf	Peg	8308
ENIF	Peg	8308
Eniph	Peg	8308
Enir	Peg	8308
Fom	Peg	8308
Os Pegasi	Peg	8308
Erakis	Cep	8316
Garnet Star	Cep	8316
Deneb Algedi	Cap	8322
Deneb Algiedi	Cap	8322
Scheddi	Cap	8322
Sheddi	Cap	8322
El Melik	Aqr	8414

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Saad el Melik	Aqr	8414
Sadal Melik	Aqr	8414
Sadalmeiek	Aqr	8414
SADALMELIK	Aqr	8414
Sad-al-melik	Aqr	8414
Sadlamulk	Aqr	8414
Al Kirdah	Cep	8417
Alkurhah	Cep	8417
Kurhah	Cep	8417
Al Nair	Gru	8425
ALNAIR	Gru	8425
Baham	Peg	8450
Biham	Peg	8450
Ancha	Aqr	8499
Sadachbia	Aqr	8518
Sadalachbia	Aqr	8518
Al Kalb al Rai	Cep	8591
Situla	Aqr	8610
Al Hammam	Peg	8634
Homam	Peg	8634
Homan	Peg	8634
Humam	Peg	8634
Matar	Peg	8650
Sadalbari	Peg	8684
Scheat	Aqr	8709
Sheat	Aqr	8709
Skat	Aqr	8709
Difda al Auwel	PsA	8728
First Frog	PsA	8728
FOMALHAUT	PsA	8728
Hastorang	PsA	8728
Os Piscis Meridiani	PsA	8728
Os Piscis Notii	PsA	8728
Fum Al Samakah	Psc	8773
Menkib	Peg	8775
SCHEAT	Peg	8775
Seat Alpheras	Peg	8775
Sheat	Peg	8775

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Marchab	Peg	8781
MARKAB	Peg	8781
El Khereb	Peg	8880
El-Khereb	Peg	8880
Kerb	Peg	8880
Markab	Peg	8880
Markeb	Peg	8880

<i>Proper name of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>	<i>Star containing constellation</i>	<i>Number of the star in the Bright Star Catalogue (BS4, BS5) [1197]</i>
Salm	Peg	8880
Alrai	Cep	8974
Arrai	Cep	8974
Er Rai	Cep	8974
Errai	Cep	8974
Misam	Per	

Table 4.4 (a). The list of the stars from celestial areas A, Zod A, B, Zod B and M whose proper movement speed equals 0.1 sec per annum by one of the coordinates of the equatorial system (1900 epoch) at least, which can be identified in the *Almagest* reliably.

Number of the star in the catalogue [1197]	Name of the star	Direct ascension α_{1900} according to [1197]			Declination δ_{1900} according to [1197]			Luminosity according to [1197]
		h	m	s	°	'	"	
5340	16ALP BOO Arcturus	14	11	06.0	+19	42	11	-0.04
1708	13ALP AUR Capella	05	09	18.0	+45	53	47	0.08
3982	32ALP LEO Regul	10	03	02.8	+12	27	22	1.35
2943	10ALP CMI Procyon	07	34	04.0	+05	28	53	0.38
5056	67ALP VIR Spica	13	19	55.4	-10	38	22	0.98
6134	21ALP SCO Antares	16	23	16.4	-26	12	36	0.96
7001	3ALP LYR Lyra = Vega	18	33	33.1	+38	41	26	0.03
3449	43GAM CNC Aselli	08	37	29.9	+21	49	42	4.66
15	21Alp And	00	03	13.0	+28	32	18	2.06
21	11Bet Cas	00	03	50.2	+58	35	54	2.27
219	24Eta Cas	00	43	03.0	+57	17	06	3.44
337	43Bet And	01	04	07.8	+35	05	26	2.06
403	37Del Cas	01	19	16.1	+59	42	56	2.68
544	2Alp Tri	01	47	22.7	+29	05	30	3.41
545	5Gam1Ari	01	48	02.4	+18	48	21	4.83
553	6Bet Ari	01	49	06.8	+20	19	09	2.64
941	27Kap Per	03	02	44.8	+44	28	43	3.80
951	57Del Ari	03	05	54.5	+19	20	55	4.35
1346	54Gam Tau	04	14	06.0	+15	23	11	3.65
1409	74Eps Tau	04	22	46.5	+18	57	31	3.53
1457	87Alp Tau	04	30	10.9	+16	18	30	0.85
1791	112Bet Tau	05	19	58.1	+28	31	23	1.65
2821	60Iot Gem	07	19	30.9	+27	59	49	3.79
2990	78Bet Gem	07	39	11.8	+28	16	04	1.14
3323	1Omi UMa	08	21	57.5	+61	03	09	3.36
3461	47Del Cnc	08	39	00.1	+18	31	19	3.94
3569	9Iot UMa	08	52	21.8	+48	26	04	3.14
3852	14Omi Leo	09	35	48.8	+10	20	50	3.52
3905	24Mu Leo	09	47	04.6	+26	28	41	3.88
4033	33Lam UMa	10	11	04.0	+43	24	50	3.45
4301	50Alp UMa	10	57	33.6	+62	17	27	1.79
4357	68Del Leo	11	08	47.4	+21	04	18	2.56
4534	94Bet Leo	11	43	57.5	+15	07	52	2.14
4660	69Del UMa	12	10	28.7	+57	35	18	3.31
4785	8Bet CVn	12	28	59.6	+41	54	03	4.26
4825	29Gam Vir	12	36	35.5	-00	54	03	3.68

Table 4.4 (b). The list of the stars from celestial areas A, Zod A, B, Zod B and M whose proper movement speed equals 0.1 sec per annum by one of the coordinates of the equatorial system (1900 epoch) at least, which can be identified in the Almagest reliably.

Number of the star in [1197]	Name of the star	Velocity component v_{α} by [1197], 0.001" annual	Velocity component v_{δ} by [1197], 0.001" annual	IN THE ALMAGEST CATALOGUE			
				Bailey's number	Longitude ° ' "	Latitude ° ' "	Magnitude
5340	16ALP BOO	-1.098	-1.999	110	177 00	+31 30	1
1708	13ALP AUR	+0.080	-0.423	222	55 00	+22 30	1
3982	32ALP LEO	-0.249	+0.003	469	122 30	0 10	1
2943	10ALP CMI	-0.706	-1.029	848	89 10	-16 10	1
5056	67ALP VIR	-0.043	-0.033	510	176 40	-2 0	1
6134	21ALP SCO	-0.007	-0.023	553	222 40	-4 0	2
7001	3ALP LYR	+0.200	+0.285	149	257 20	62 0	1
3449	43GAM CNC	-0.103	-0.043	452	100 20	2 40	4-3
15	21Alp And	+0.137	-0.158	315	347 50	+26 00	2-3
21	11Bet Cas	+0.526	-0.177	189	7 50	+51 40	3
219	24Eta Cas	+1.101	-0.521	180	13 00	+47 50	4
337	43Bet And	+0.179	-0.109	346	3 50	+26 20	3
403	37Del Cas	+0.300	-0.045	182	20 40	+45 30	3
544	2Alp Tri	+0.010	-0.229	358	11 00	+16 30	3
545	5Gam1Ari	+0.078	-0.108	362	6 40	+7 20	3-4
553	6Bet Ari	+0.097	-0.108	363	7 40	+8 20	3
941	27Kap Per	+0.178	-0.153	201	30 30	+27 00	4
951	57Del Ari	+0.151	-0.007	369	23 50	+1 40	4
1346	54Gam Tau	+0.116	-0.024	390	39 00	-5 45	3-4
1409	74Eps Tau	+0.108	-0.036	394	41 50	-3 00	3-4
1457	87Alp Tau	+0.065	-0.189	393	42 40	-5 10	1
1791	112Bet Tau	+0.025	-0.175	400	55 40	+5 00	3
2821	60Iot Gem	-0.121	-0.088	428	82 00	+5 30	4
2990	78Bet Gem	-0.627	-0.051	425	86 40	+6 15	2
3323	1Omi UMa	-0.131	-0.110	9	85 20	+39 50	4
3461	47Del Cnc	-0.017	-0.233	453	101 20	-0 10	4-3
3569	9Iot UMa	-0.443	-0.235	20	95 30	+29 20	3
3852	14Omi Leo	-0.143	-0.041	474	117 20	-4 10	4
3905	24Mu Leo	-0.215	-0.060	464	114 20	+12 00	3
4033	33Lam UMa	-0.165	-0.043	28	112 40	+29 20	3
4301	50Alp UMa	-0.118	-0.071	24	107 40	+49 00	2
4357	68Del Leo	+0.143	-0.135	481	134 10	+13 40	2-3
4534	94Bet Leo	-0.497	-0.119	488	144 30	+11 50	1-2
4660	69Del UMa	+0.102	+0.004	26	123 10	+51 00	3
4785	8Bet CVn	-0.707	+0.288	37	140 10	+41 20	5
4825	29Gam Vir	-0.568	+0.008	503	163 10	+2 50	3

Number of the star in the catalogue [1197]	Name of the star	Direct ascension α_{1900} according to [1197]			Declination δ_{1900} according to [1197]			Luminosity according to [1197]
		h	m	s	°	'	"	
4905	77Eps UMa	12	49	37.8	+56	30	09	1.77
5107	79Zet Vir	13	29	35.8	-00	05	05	3.37
5191	85Eta UMa	13	43	36.0	+49	48	45	1.86
5235	8Eta Boo	13	49	55.3	+18	53	56	2.68
5350	21Iot Boo	14	12	37.4	+51	49	42	4.75
5404	23The Boo	14	21	47.5	+52	18	47	4.05
5435	27Gam Boo	14	28	03.0	+38	44	44	3.03
5487	107Mu Vir	14	37	47.3	-05	13	25	3.88
5531	9Alp2Lib	14	45	20.7	-15	37	34	2.75
5747	3Bet CrB	15	23	42.3	+29	27	01	3.68
5793	5Alp CrB	15	30	27.2	+27	03	04	2.23
5854	24Alp Ser	15	39	20.5	+06	44	25	2.65
6056	1Del Oph	16	09	06.2	-03	26	13	2.74
6241	26Eps Sco	16	43	41.1	-34	06	42	2.29
6410	65Del Her	17	10	55.4	+24	57	25	3.14
6556	55Alp Oph	17	30	17.5	+12	37	58	2.08
6603	60Bet Oph	17	38	31.9	+04	36	32	2.77
6879	20Eps Sgr	18	17	32.0	-34	25	55	1.85
7557	53Alp Aql	19	45	54.2	+08	36	15	0.77
7602	60Bet Aql	19	50	24.0	+06	09	25	3.71
7882	6Bet Del	20	32	51.5	+14	14	50	3.63
7949	53Eps Cyg	20	42	09.8	+33	35	44	2.46
8162	5Alp Cep	21	16	11.5	+62	09	43	2.44
8264	23Xi Aqr	21	32	25.7	-08	18	10	4.69
8278	40Gam Cap	21	34	33.1	-17	06	51	3.68
8322	49Del Cap	21	41	31.3	-16	34	52	2.87
8417	17Xi Cep	22	00	53.7	+64	08	26	4.29
8499	43The Aqr	22	11	33.4	-08	16	53	4.16
8518	48Gam Aqr	22	16	29.5	-01	53	29	3.84
8684	48Mu Peg	22	45	10.5	+24	04	25	3.48
8775	53Bet Peg	22	58	55.5	+27	32	25	2.42
8974	35Gam Cep	23	35	14.3	+77	04	27	3.21

Number of the star in [1197]	Name of the star	Velocity component v_{α} by [1197], 0.001" annual	Velocity component v_{δ} by [1197], 0.001" annual	IN THE ALMAGEST CATALOGUE			
				Bailey's number	Longitude ° ' "	Latitude ° ' "	Magnitude
4905	77Eps UMa	+0.109	-0.010	33	132 10	+53 30	2
5107	79Zet Vir	-0.286	+0.036	511	174 50	+8 40	3
5191	85Eta UMa	-0.124	-0.014	35	149 50	+54 00	2
5235	8Eta Boo	-0.064	-0.363	107	171 20	+28 00	3
5350	21Iot Boo	-0.154	+0.088	89	154 10	+58 20	5
5404	23The Boo	-0.242	-0.400	90	155 20	+60 10	5
5435	27Gam Boo	-0.116	+0.149	92	169 40	+49 00	3
5487	107Mu Vir	+0.105	-0.321	522	192 40	+9 50	4
5531	9Alp2Lib	-0.108	-0.071	529	198 00	+0 40	2
5747	3Bet CrB	-0.179	+0.083	112	191 40	+46 30	4-3
5793	5Alp CrB	+0.120	-0.091	111	194 40	+44 30	2-1
5854	24Alp Ser	+0.136	+0.044	271	204 20	+25 20	3
6056	1Del Oph	-0.048	-0.145	240	215 00	+17 00	3
6241	26Eps Sco	-0.610	-0.255	557	228 30	-11 00	3
6410	65Del Her	-0.023	-0.157	123	226 40	+48 00	3
6556	55Alp Oph	+0.117	-0.227	234	234 50	+36 00	3-2
6603	60Bet Oph	-0.042	+0.159	235	238 00	+27 15	4-3
6879	20Eps Sgr	-0.032	-0.125	572	248 00	-10 50	3
7557	53Alp Aql	+0.537	+0.387	288	273 50	+29 10	1-2
7602	60Bet Aql	+0.048	-0.482	287	274 50	+27 10	3
7882	6Bet Del	+0.112	-0.031	304	288 30	+32 00	3-4
7949	53Eps Cyg	+0.355	+0.329	168	300 50	+49 30	3
8162	5Alp Cep	+0.150	+0.052	78	346 40	+69 00	3
8264	23Xi Aqr	+0.113	-0.023	633	297 20	+6 15	5
8278	40Gam Cap	+0.188	-0.022	623	294 50	-2 10	3
8322	49Del Cap	+0.262	-0.294	624	296 20	-2 00	3
8417	17Xi Cep	+0.208	+0.089	81	358 30	+65 30	5
8499	43The Aqr	+0.117	-0.019	641	306 10	+3 00	4
8518	48Gam Aqr	+0.129	+0.012	637	309 30	+8 45	3
8684	48Mu Peg	+0.148	-0.036	324	327 00	+29 30	4
8775	53Bet Peg	+0.188	+0.142	317	332 10	+31 00	2-3
8974	35Gam Cep	-0.065	+0.156	76	33 00	+64 15	4

Notes to table 4.4.

In the initial stage of our selection we have chosen the stars for Table 4.4 that have a minimal parallax speed of 0.1 second by one of the coordinates in the equatorial system of epoch 1900 at least as listed in catalogue BS5 according to catalogue BS4 ([1197]). In the second stage we just left the stars that have a “Bayer’s letter”, a “Flamsteed’s number”, or both in their name. The point is that it was Bayer and Flamsteed who had introduced the new stellar indications, basing their research on the old tradition to a large extent, which became reflected in their new indications. The subsequent generations of astronomers already learned by the new identifications made by Bayer and Flamsteed, and the old tradition fell into oblivion as useless. In the third stage, the only stars

that remained were the ones that had possessed old names of their own. Names make identifications of stars more reliable. The only stars that made it to the fourth stage were the ones located in the celestial areas measured well by Ptolemy. In the fifth and last stage the only stars that had remained were the ones that can be unambiguously identified by their Ptolemaic coordinates, even with discrepancies of 2 or 3 degrees. We would meticulously check the descriptions of luminosity indicated in the *Almagest*, as well as the correctness of the stellar positions in Ptolemaic descriptions. Stars became rejected if any discrepancies were found.

A detailed description of the selection procedure can be seen in Chapter 4.

As a result, 68 stars of the initial list remained; those comprise table 4.4.