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# A CATALOG OF ROTATIONAL VELOCITIES OF THE STARS

By

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## ABSTRACT

Rotational velocities of 3951 stars are compiled from various sources which are currently available. The Slettebak system of observation is adopted as the standard for the calibration, and each observational datum is converted into this system. Rotational velocities and spectral types of the stars are given in the attached table together with some other informations.

Since the pioneering work by Shajn and Struve (1929), many people have observed the rotational velocities of stars. The first extensive study on the subject was carried out by Westgate (1933a, 1933b, and 1934). Later Huang (1953), Slettebak (1949, 1954, 1955, and 1956), and Slettebak and Howard (1955) made a series of observations and discussed the distribution of the rotational velocities among the stars with various spectral types. Since that time, the discussions have shifted to specific problems, such as rotational velocities of cluster members, of binaries, of peculiar stars, of variable stars, and so on. Details on these points are given in Table 1.

On the other hand, in order to discuss the problems statistically, it seems preferable to compile as many observational data as possible in an unbiased form. Since Boyarchuk and Kopylov (1964) first made a compilation of the rotational velocities of 2558 stars, there have been many new observations with higher accuracy. The total number of stars whose rotational velocities have been observed has now increased by more than fifty per cent compared to the number of stars in the Boyarchuk-Kopylov list. The purpose of this paper is to make a supplementary compilation to their work and to prepare the basic data for some statistical discussions. We have gathered as many data as possible from various sources available up to 1967 and from recent papers prepared by Slettebak (1968), Slettebak, Wright, and Graham (1968), and by Palmer, Walker, Jones, and Wallis (1968) who have kindly offered us their observational data in advance of publication.

As is well known, works by Slettebak (1949, 1954, 1955, and 1956) and Slettebak and Howard (1955) had covered a wide range of spectral types with a consistent system of observation, and the system has been adopted by many observers as the calibration standard. In the older observations, there are many stars in common to those observed by above authors. Hence it seems preferable to calibrate these data in

Slettebak's system in order to get a homogeneous set of data. The fact that this standard system is not valid for very rapidly rotating stars (cf. Hardorp and Strittmatter 1968, Stoeckley 1968a, and Stoeckley 1968b) is not considered here since a sequence of standard stars including such objects has not been well established.

All sources used for the present compilation are listed in Table 1. Each column gives (1) the authors, (2) the spectral types of stars, or the names of clusters observed, (3) the number of stars, (4) the dispersion of the spectrographs, (5) the absorption lines used to determine the rotational velocities, (6) the weight (see the below), and (7) the reference number for the identification of sources.

Some authors did not give the rotational velocities explicitly. Wilson (1966) represented the magnitude of rotation by a series of numerical indices ranging from 1 to 5. The transformation from this system to the actual velocities was carried out by Kraft (1967b) using the calibration table given by Wilson (1966). We adopted his values in the present compilation. When line widths were given instead of rotational velocities (Westgate 1933a and 1933b, and Huang 1953), we used a conversion formula given by Huang (1953).

Transformation into the Slettebak system can be made graphically with the use of commonly observed stars. Calibration curves for individual authors were constructed by means of the least square method. A linear relation was found to be sufficient in most cases, except in the case of Herbig and Spalding (1955), whose data seemed to deviate intrinsically from any linear relations, as was also noted by Slettebak (1955). For these data, we used a calibration curve with a quadratic form.

In the case of Smith and Struve (1944), there seems to exist no systematic differences from the standard system as long as seven common stars are concerned. However, Anderson, Stoeckly, and Kraft (1966) pointed out that the agreement was quite fortuitous, and that there were rather large systematic differences when compared with Abt and Hunter's (1962) data which were calibrated to Slettebak system with an excellent internal consistency. Fortunately, the list given by Abt and Hunter (1962) contains many stars observed by Smith and Struve (1944). We therefore adopted the former's data for the calibration standard in this case.

In transforming Huang's (1953) data, we derived separate calibration curves according to the spectral types of the stars and to the types of the absorption lines measured, because the line widths are dependent not only on the rotational velocity but also on the temperature and on the apparent abundance of the element. We divided them into five groups: (a) B-type stars in which helium line was measured, (b) B-type stars in which magnesium line was measured, (c) A-type stars, (d) F-type stars, and (e) G- and later types.

When there were few stars common to Slettebak's ones, we adopted the raw data, assigning relatively low weight to them.

We assigned a weight for each observation according to the quality of the instrument used, the individual errors, and the standard deviation in the calibration process. They are listed in the 6th column of Table 1. The adopted value of the rotational velocity of a star is the weighted mean of all the observations for the star.

In Table 2, the stars are arranged in order of right ascension. Columns 1, 2, and 3 in this table are current numbers, HD or BD numbers, and the star names, respectively. MK or HD spectral types are given in column 4. They are taken from the list by Jaschek, Conde, and Sierra (1964), from Appenzellar (1967), from Hoffleit (1964), and from sources cited in Table 1. We often found discrepancies

in the spectral types and luminosity classes among the authors. The MK types appearing in the present table are those which are in best agreement among various authors. The reader may refer to the catalog of MK spectral types compiled by Jaschek, Conde, and Sierra (1964).

In column 5, the adopted rotational velocities are given. The following points should be noted : (1) The weight was reduced by half or less from the originally assigned one when the author notes the values as uncertain; (2) for a very slow rotator we emphasized those observations with higher dispersions, and the data with very low dispersions were sometimes omitted; (3) the data which showed extreme discrepancies compared with the others were generally omitted; (4) in binary systems, some authors resolved them into the components, while others did not. We omitted the latter's data if it was not discernible to which component the data were referred. All sources thus omitted are denoted by the asterisked reference numbers in the last column of the table.

Finally, columns 6 and 7 give, respectively, remarks concerning the identification of the star and the reference numbers of sources used in this compilation (see the last column of Table 1).

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All computations were made with HITAC 5020 Computer at the Kyoto University Computer Center.

#### REFERENCES

- Abt, H. A. 1957, *Ap. J.*, **126**, 503.  
— 1958, *ibid.*, **127**, 658.  
Abt, H. A., and Chaffee, F. H. 1967, *Ap. J.*, **148**, 459.  
Abt, H. A., and Hunter, J. H. 1962, *Ap. J.*, **136**, 381.  
Anderson, C. M., Stoeckly, R., and Kraft, R. P. 1966, *Ap. J.* **143**, 299.  
Appenzellar, I. 1967, *Publ. A. S. P.*, **79**, 102.  
Boyarchuk, A. A., and Kopylov, I. M. 1964, *Publ. Crimean Ap. Obs.* **31**, 44.  
Ebbighausen, E. G. 1940, *Ap. J.*, **92**, 434.  
Elvey, C. T. 1930, *Ap. J.* **71**, 221.  
Hardorp, J., and Strittmatter, P. A. 1968, *Ap. J.* **153**, 465.  
Hayford, P. 1932, *Lick Obs. Bull.* **16**, 53.  
Herbig, G. H., and Spalding, J. F. 1955, *Ap. J.* **121**, 118.  
Hertzsprung, E., et al. 1947, *Ann. Leiden*, **19**, part 1.  
Hoffleit, D. 1964, *Catalogue of Bright Stars*.  
Huang, S. S. 1953, *Ap. J.* **118**, 285.  
Jaschek, C., Conde, H., and Sierra, A. C. 1964, *Publ. Obs. Astr. La Plata, Ser. Astr.*, **28**, part 2.  
Klein-Wassink, W. 1927, *Groningen Publ. No.* 41.  
Koch, R. H., Olson, E. C., and Yoss, K. M. 1965, *Ap. J.* **141**, 955.  
Kopff, E. 1943, *A. N.*, **274**, 69.  
Kraft, R. P. 1965, *Ap. J.* **142**, 681.  
— 1967a, *ibid.*, **148**, 129.  
— 1967b, *ibid.*, **150**, 551.

- Kraft, R. P., Camp, D. C., Fernie, J. D., Fujita, C., and Hughes, W. T. 1959, *Ap. J.*, **129**, 50.  
McGee, J. D., Khogali, A., Baum, W. A., and Kraft, R. P. 1967, *M. N.* **137**, 303.  
McNamara, D. H. 1963, *Ap. J.*, **137**, 316.  
McNamara, D. H., and Hansen, K. 1961, *Ap. J.* **134**, 207.  
McNamara, D. H., and Larsson, H. J. 1962, *Ap. J.* **135**, 748.  
Meadows, A. J. 1961a, *Ap. J.*, **133**, 907.  
— 1961b, *M. N.*, **123**, 81.  
Oke, J. B., and Greenstein, J. L. 1954, *Ap. J.*, **120**, 384.  
Palmer, D. R., Walker, E. N., Jones, D. H. P., and Wallis, R. E. 1968, *Roy. Obs. Bull.*, No. 135, E 385.  
Ringuelet-Kaswalder, A. E. 1963, *Publ. A. S. P.*, **75**, 323.  
Schwarzschild, M., and Schwarzschild, B. 1950 *Ap. J.*, **112**, 248.  
Shajn, G., and Struve, O. 1929, *M. N.*, **89**, 222.  
Slettebak, A. 1949, *Ap. J.*, **110**, 498.  
— 1954, *ibid.*, **119**, 146.  
— 1955, *ibid.*, **121**, 653.  
— 1956, *ibid.*, **124**, 173.  
— 1963, *ibid.*, **138**, 118.  
— 1966a, *ibid.*, **145**, 121.  
— 1966b, *ibid.*, p.126.  
— 1968, *ibid.*, **151**, 1043.  
Slettebak, A., Bahner, K., and Stock, J. 1961, *Ap. J.*, **134**, 195.  
Slettebak, A., and Howard, R. F. 1955, *Ap. J.*, **121**, 102.  
Slettebak, A., Wright, R. R., and Graham, J. A. 1968, *A. J.*, **73**, 152.  
Smith, B., and Struve, O. 1944, *Ap. J.*, **100**, 360.  
Stoeckley, T. R. 1968a, *M. N.*, **140**, 121.  
— 1968b, *ibid.*, p. 141.  
Struve, O. 1945, *Popular Astronomy*, **53**, 201, and 259.  
Struve, O., and Elvey, C. T. 1931. *M. N.*, **91**, 663.  
Svolopoulos, S. N. 1963, *A. J.*, **68**, 428.  
Treanor, P. J. 1960, *M. N.*, **121**, 503.  
Trumpler, R. J. 1938, *Lick Obs. Bull.*, **18**, 167.  
van Dien, E. 1948, *J. R. A. S. Canada*, **42**, 249.  
Wallerstein, G., and Wolff, S. C. 1965, *Publ. A. S. P.*, **77**, 12.  
Westgate, C. 1933a, *Ap. J.*, **77**, 141.  
— 1933b, *ibid.*, **78**, 46.  
— 1934, *ibid.*, **79**, 357.  
Wilson, O. C. 1966, *Ap. J.*, **144**, 695.

Table 1

AUTHORS	OBJECTS	N	D (A/mm)	LINES	WT	ID
G. Shajn and O. Struve (1929)	Spectroscopic binaries (O-A)	83	30	He 4471, Mg 4481	1	1
C. T. Elvey (1930)	O, B, A, F	59	9.9(4481)	Mg 4481	2	2
O. Struve and C.T. Elvey (1931)	F0-K0	32	10(4500)	Mg 4481	3	3
C. Westgate (1933a)	O-B9	275	30(4500)	He 4471, Mg 4481	2	4
C. Westgate (1933b)	A	413	30(4500)	Mg 4481	3	5
C. Westgate (1934)	F0-F8	112	30(4500)	Sr 4215	3	6
B. Smith and O. Struve (1944)	Pleiades (B-K)	71	26-78(H <sub>7</sub> )		3	7
O. Struve (1945)	Pleiades and Hyades	120	40-75		3	8
E. van Dien (1948)	Pleiades (O,B)	93*	30-51(H <sub>7</sub> )	Mg 4481	2	9
A. Slettebak (1949)	O-B5	123	40(4026)	He 4026	8	10
M. and B. Schwarzschild (1950)	F-type dwarfs	9	10.36	four Fe lines	5	11
S.S. Huang (1953)	O-G	1548	10.4-26.5	He 4471, Mg 4481	2-3	12
A. Slettebak (1954)	B8-A2	179	28(H <sub>7</sub> )	Mg 4481	10	13
J.B. Oke and J.L. Greenstein (1954)	A, F, G (giants)	34	2.9-20.4	Fe 4476, 4550	10	14
A. Slettebak and R.F. Howard (1955)	B2-B5	185	28-60(H <sub>7</sub> )	He 4471, 4026	10	15
G.H. Herbig and J.F. Spalding (1955)	F0-K5	656	11	Fe 4476, 4472, 4405	5	16
A. Slettebak (1955)	A3-G0	215	28(H <sub>7</sub> )	Mg 4481, Fe 4071	10	17
A. Slettebak (1956)	O-B	153	5, 10, 2, 28	He 4026, Silicon	10-12	18
H.A. Abt (1957)	A,F (bright giants)	10	8.5	Fe 4508	12	19
H.A. Abt (1958)	A,F (supergiants)	15	8.5	Fe 4508	12	20
R.P. Kraft, D.C. Camp, J.D. Fernie, C. Fujita, and W.T. Hughes (1959)	Cepheids	11	4.5-10.2	Fe 4508	12	21
P.J. Treanor (1960)	Praesepe, Hyades, ζ Per cl.	131	40-76(H <sub>7</sub> )	Fe 4272, Mg 4481	3	22
A.J. Meadows (1961a)	M39 and UMa clusters	29	40(4481)	Mg 4481	5	23
A. Slettebak, K. Bahner, and J. Stock (1961)	Early type (N galactic pole)	84	28-85(H <sub>7</sub> )		10-5	24
D.H. McNamara and K. Hansen (1961)	β CMa stars	12	10.2	N 3995, O 4415	10	25
A.J. Meadows (1961b)	Cluster members	54	30-80	He 4471, 4026	5	26

D.H. McNamara and H.J. Larsson (1962)	Orion ass. (B0-B3)	50	10.2	Mg 4481, He, C	10	27
H.A. Abt and J.H. Hunter (1962)	Clusters, associations	116	18	He 4026, Mg 4481	10	28
D.H. McNamara (1963)	Orion ass. (B5-B9)	33	10-20	Mg 4481	10	29
A. Slettebak (1963)	Visual binaries	259	20-28(H <sub>r</sub> )		10	30
S.N. Svolopoulos (1963)	Faint B,A, and F type stars	123	75(H <sub>r</sub> )	Mg 4481	5	31
A.E. Ringuelet-Kaswalder (1963)	Be and shell stars	22**			3	32
R.H. Koch, E.C. Olson, and K.M. Yoss (1965)	Eclipsing binaries	27	20	He, Si, Fe, Mg	10	33
R.P. Kraft (1965)	Hyades and Coma clusters	86	4.5-20	Fe 4476, Mg 4481	12	34
G. Wallerstein and S.C. Wolff (1965)	Runaway stars	12	10.5	He 4026	3	35
C.M. Anderson, R. Stoeckly, and R.P. Kraft (1966)	Pleiades cluster	57	10-40	He 4471, Mg 4481	10	36
O.C. Wilson (1966)	Late type stars ( $b-\gamma \geq 0.240$ )	308	10		5	37
A. Slettebak (1966a)	Be and shell stars	56	28-40(H <sub>r</sub> )	He 4471, Mg 4481	10	38
A. Slettebak (1966b)	Rapid rotators	20	28(H <sub>r</sub> )	He 4471, Mg 4481	10	39
R.P. Kraft (1967a)	$\alpha$ Per cluster	83	18		10	40
H.A. Abt and F.H. Chaffee (1967)	IC 4665 cluster	27	13.5-39	He 4471, Mg 4481	10	41
R.P. Kraft (1967b)	F2 IV, V-G3 IV, V	164	2.4-18		12	42
J.D. McGee, A. Khogali, W.A. Baum, and R.P. Kraft (1967)	Prasepe cluster	56	2.8-60		10	43
A. Slettebak (1968)	Sco-Cen association	82	20-40	He 4471	10	44
A. Slettebak, R.R. Wright, and J.A. Graham (1968)	A type stars (N galactic pole)	77	40	Mg 4481	8	45
D.R. Palmer, E.N. Walker, D.H.P. Jones, and R.E. Wallis (1968)	A type stars	633	120	Ca-K	5	46

Note to Table I.

\* Of 93 stars observed by van Dien (1948), individual data are given only for 18 stars.

\*\* Most of the data appearing in Ringuelet-Kaswalder's (1963) list are taken from other sources.

Table 2

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1	28	33 Psc	K1 III	<17	16	16	51	2905	α Cas	B1 Ia	62		4 12 18
2	108	MWC 1	O8fp	114	18	18	52	2913	B9 V	B9 V	260		46
3	144	10 Cas	B8 IV-Ve	153	4	4 12 38	53	3003	HR 136	A2	84		12
4	358	α And	Ap	52	1	5 12 13 46	54	3112	θ Tuc	Am?	52		12
5	400	HR 17	3F4	26	42	42	55	3196	13 Cet	F8 V	18		12
6	432	β Cas	F2 IV	72	3	6 12 16 17	56	3229	14 Cet	dF2	≤10		37
7	434	α Vm	F2 IV	60	46	46	57	3240	HR 144	B8 V	58		4 12 15
8	493	α Scl	dF2	131	12	12	58	3244	HR 144	A7 III	75:		31
9	571	22 And	F2 II	47	6	12 16 17 19	59	3256	A3 V	A3 V	100		31
10	693	6 Cet	F6 V	0	12	12 16	60	3299	A4 III	A4 III	60		31
11	739	θ Scl	F4 V	0	12	12	61	3302	λ <sup>2</sup> Phe	dF7	0		12
12	787	HR 37	K5 III	<19:	62	62	62	3346	HR 152	K5 III	<17		16
13	821	FO V:	FO V:	100	31	31	63	3360	ξ Cas	B2 V	22		2 4 12 15
14	822	A1 V	A1 V	110	2	4 12 15 25	64	3369	π And	B5 V	42		1 10* 12 15
15	886	γ Peg	B2 IV	0	2	4 12 15 25	65	3450	FO III	FO III	85		31
16	965	Ap	Ap	90	31	31	66	3546	ε And	G8 III	9		14 16
17	1050	FO III	FO III	135	31	31	67	3622	A7 V	A7 V	85		31
18	1083	HR 53	A1 V	230	46	46	68	3627	δ And	K3 III	<17		16
19	1114	A7 V	A7 V	<50	31	31	69	3712	α Cas	KO II-III	<17		16
20	1154	A1 V	A1 V	165	31	31	70	3817	32 And	G8 III	<17		16
21	1185	HR 56	A1 V	100	46	46	71	3901	ξ Cas	B2 V	211		4 10 12 15
22	1279	HR 62	B7 III	0	46	46	72	3924	HR 181	B8 III	100		46
23	1280	θ And	A2 V	107	5	12 13 46	73	4058	π Cas	A5	72		1 5 12
24	1337 <sup>A</sup>	AO Cas <sup>B</sup>	O9 III	135	18	33*	74	4089	ρ Tuc	dF5	0		12
25	1383	AO Cas <sup>B</sup>	O9 III	145	18	33*	75	4128	ρ Tuc	KO III	18		14 16
26	1404	σ And	A2 V	118	18	18	76	4142	HR 189	B5 V	177		4 35
27	1522	ι Cet	K2 III	<17	60	60	77	4161	YZ Cas	A2	34		33
28	1561	HR 76	B9.5 III	60	46	46	78	4180	o Cas	B2 V	260		10 12 15
29	1581	t Tuc	G2 V	0	12	12	79	4188	σ <sup>1</sup> Cet	KO III	<17		16
30	1671	ρ And	F5 IV	41	12	16 37	80	4222	HR 196	A0	59		5
31	1743	B0 III	B0 III	67	18	18	81	4247	HR 197	F2 V	32		12
32	1976	HR 91	B5 IV	230	10	15	82	4372	ADS 639A	K1 IV	≤25		30
33	2007	12 Cas	A2 V:	<50	31	31	83	4382	23 Cas	B8	4		1 4
34	2011	HR 96	B8 V	154	4	12* 46	84	4588	ADS 639B	K3 III	≤25		30
35	2054	HR 96	B8 V	210	46	46	85	4490	59 Psc	A7 V	190		46
36	2244	α Phe	A7 V	90	46	46	86	4502	γ And	K1 II	40		14 16
37	2262	HR 104	A2	36	5	1	87	4614 <sup>a</sup>	γ Cas <sup>a</sup>	G0 V	≤6		3 6 12 16 17 37 42 30
38	2421	HR 104	A2	36	5	1	88	4614 <sup>b</sup>	γ Cas <sup>b</sup>	K3p:	≤25		30
39	2451	HR 107	F2 V	8	37	42	89	4622	HR 220	B9 V	53		12
40	2454	HR 107	F2 V	90:	31	31	90	4636	ν Cas	B8 V	210		12 46
41	2509	HR 113	B8 V	225:	46	46	91	4656	δ Psc	K5 III	<19		16
42	2626	28 And	Am	22	12	12	92	4676 <sup>a</sup>	64 Psc <sup>a</sup>	F8 V	<17		12* 16
43	2628	HR 113	B8 V	225:	46	46	93	4676 <sup>b</sup>	64 Psc <sup>b</sup>	F8 V	<17		12* 16
44	2658	λ1 Phe	A0 V	136	31	31	94	4727	ν And	B5 V	75		12 15
45	2834	AO V	A4: III	<50	31	31	95	4775	HR 233	Comp.	0		12 16
46	2834	AO V	A0 V	136	31	31	96	4815	σ <sup>1</sup> Cet	F8 V	0		12 16
47	2866	B8 V	A5 IV	90	46	46	97	4853	HR 240	A2 Vm	65		46
48	2884	ρ <sup>1</sup> Tuc	B8 V	172	12	12	98	5015	HR 244	F8 V	6		6 12 16 17 37 42
49	2885	ρ <sup>2</sup> Tuc	A2 V	94	12	12	99	5234	ν Cas	K2 III	<17		16
50	2888	HR 128	A0s1	265	46	46	100	5267	66 Psc	A1 V	175		46



No	H D	Name	Sp	Vsin. i	R	Source
101	5295	v Cas	G8 III-IV	<17	16	
102	5408	HR 266	B8 V	178	4 46	
103	5448	μ And	A5 V	77	5 12 13	
104	5516a	γ And	G8 III-IV	<17	16	
105	5516b	η And	G8 III-IV	<17	16	
106	5551		B1.5 Ib	ξ 32	18	
107	5679	U Cep	B7-B8	ξ 10	33	
108	5737	α Scl	B8 III	7	4 12	
109	5788	HR 282	A1 V	250	30	
110	5789	HR 283	B9.5 V	298	30 46	
111	6118	σ Psc	B9 V	44	4 12	
112	6182		B1 Ibp	55	16	
113	6186	ε Psc	K0 III	<17	16	
114	6210	HR 297	df5	30	37	
115	6301	HR 303	F5	12	37	
116	6322		B9 III p?	90	31	
117	6397	72 Psc	df2	410	27	
118	6416	HR 309	A5 V	125	46	
119	6456	ψ Psc	B9.5 IV	246	5 30 46	
120	6457	ψ Psc	B9 V	267	30 46	
121	6515		F0 V	90	31	
122	6582	μ Cas	G5 Vp	<17	16	
123	6658	41 And	A2m?	84	5 12	
124	6675		B0.5 III	67:	18	
125	6695	v Psc	A3 V	125	46	
126	6798	HR 333	A0 V	175	46	
127	6805	γ Cet	K2 III	<17	16	
128	6811	φ And	B7 Ve	71	4 12 13 38	
129	6829	31 Cas	B9 V	219	5 12 46	
130	6878		A3 III	70	31	
131	6882	τ Phe	B8 V	93	12	
132	6920	44 And	F8 V	ξ 10	37	
133	6960	HR 342	B9	31	4 12	
134	6961	θ Cas	A7 V	101	5 12 17 46	
135	6972	RU Cas	B5	70	4	
136	7034	82 Psc	A8 III	84	5 12 46	
137	7087	γ Psc	G8 III	<19:	16	
138	7106	τ Psc	K0 III-IV	<17	16	
139	7133	A: psc.		80	31	
140	7157	HR 354	B8.5 V	160	46	
141	7218	φ Psc	K0 III	<17	16	
142	7344	τ Psc A	A7 IV	250	30 46	
143	7345	ξ Psc B	F7 V	ξ 25	30	
144	7378		F0 V	60	31	
145	7439	37 Cet	F5 V	12	12 37	
146	7476	38 Cet	df5	ξ 10	37	
147	7788	κ Tuc	F6 V	111	12	
148	7804	89 Psc	A3 V	133	5 12	
149	7902	φ Cas C	B6 Ib	ξ 25	30	
150	7927	φ Cas A	F0 Ia	26	12 16 17 30	
151	7964	υ Psc	A2 V	93	5 12 13 46	
152	8003	35 Cas	A2 V	240	46	
153	8207	λ And	K0 III-IV	<17	16	
154	8374	47 And	Am	70	5	
155	8491	ψ Cas	K0 III	<17	16	
156	8512	φ Cas	K0 III	<17	16	
157	8538	δ Cas	A5 V	116	5 12 17	
158	8600	HR 409	A4 II	90	31	
159	8671	HR 410	df6	ξ 6	42	
160	8673	HR 410	df5	32	42	
161	8705	46 Cet	K3 III	<17	16	
162	8723	ρ Psc	F2 V:	61	12 37	
163	8799	ω And	F4 IV	69	12 17 16 37	
164	8819		A7 V	95	31	
165	8837	HR 422	B9 III	135	46	
166	8890	α UMi	F8 Ib	17	6 12 30	
167	8983	α UMi B	F2 IV-V	ξ 60	30	
168	8983	HR 428	A5 V	90	31	
169	9030	HR 428	A1 Vm	75	46	
170	9057	49 And	G9 III	<19:	16	
171	9138	μ Psc	K4 III	<17	16	
172	9270	7 Psc	G8 III	<19:	16	
173	9287		A2 V	100:	31	
174	9408	κ Cas	G8 III	<19:	16	
175	9531	HR 446	B8 Vp	215:	46	
176	9562	HR 448	dg2	ξ 10	37	
177	9709	MWC 426	B7 IV-Ve	350	38	
178	9766	101 Psc	B9 III	190	46	
179	9774	40 Cas	G8 II-III	<19:	16	
180	9780	HR 457	A7 V	90	46	
181	9826	υ And	F8 V	8	12 14 16 17	
182	9856	50 Cet	K2 III	<19:	16	
183	9906	τ Scl	df4	63	12	
184	9919	τ Psc	F0 V	85	46	
185	9927	51 And	K3 III	<17	16	
186	9996	HR 465	Ap	50	46	
187	10059		Am	95	31	
188	10072	χ And	G8 III	<17	16	
189	10125	09.5 Ib		91:	18	
190	10144	α Eri	B5 IV	411	12	
191	10205	τ And	B8 IV	91	12 13	
192	10221	ω Cas	Ap	39	5	
193	10250	42 Cas	B9 V	117	5 12 46	
194	10293	HR 482	B8 V	35	46	
195	10307	HR 483	G2 V	ξ 3	16 37 42	
196	10308	HR 484	df3	12	37	
197	10380	υ Psc	K3 III	<19:	16	
198	10390	HR 490	B8 V	70	4 12	
199	10425	44 Cas	B8 V	130:	46	
200	10476	107 Psc	K1 V	<19:	16	

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
201	10505	A4 V	95	31	10*	39	251	12534b	$\gamma$ And	B9.5V	2sp	70	30 46*
202	10516	B2e	450	46			252	12563	HR 606	A3m	0		12
203	10543	HR 499	70	16			253	12767	$\nu$ For	Ap	87		12
204	10580	HR 500	<19:	46			254	12869	$\kappa$ Ari	Am	16		5 12
205	10587	HR 502	170	46			255	12881	EDS1094b	Am,2sp	$\pm$ 25		30
206	BD+60°339	B6 Iab	125	26			255	12881	BDs1094b	Am,2sp	$\pm$ 25		30
207	10700	$\tau$ Cet	<17	16			257	12927	BDs1094a	A5 III	100:		30
208	10761	o Psc	<17	16			258	12929	$\alpha$ Ari	K2 III	<17		16
209	10830	$\epsilon$ Scl	86	12			259	12953	HR 618	A1 Ia	10		46
210	10939	6 Eri	56	12			260	13041	58 And	A5 V	151		5 12 13
211	10982	4 Ari	25	46			261	13051	MWC 27	B1 III	150:		26
212	10997	A3 V	<50	31			262	13161	$\theta$ Tri	A5 III	78		2 5 12 17
213	11007	HR 523	56	42			263	13174	14 Ari	F2 III	154		12 16* 17
214	11151	HR 529	40	37			264	13201	HR 624	F5 V	$\leq$ 10		37
215	11171	$\kappa$ Cet	64	12 17			265	13286		A7 IV	90		31
216	11241	1 Per	198	4 15			266	13294	59 AndA	B9.5 V	192		30 46
217	11291	2 Per	70	46			267	13295	59 AndB	A1 V	305		30 46
218	11335	HR 538	135	46			268	13372	5 Tri	Am	90		46
219	11353	$\zeta$ Cet	<19:	16			269	13402		B0.5 I	50		26
220	11378	A4 V	65:	31			270	13421	64 Cet	dF8	$\leq$ 10		37
221	11415	$\epsilon$ Cas	24	2 4 12 15			271	13456	HR 638	dF2	$\leq$ 10:		37
222	11443	$\alpha$ Tri	95	3 6 12 16 17			272	13480	6 Tri	G5 III	16		12
223	11502	$\gamma$ Ari	152	5 12 13 30			273	13520	o And	K4 III	<17		16
224	11503	$\gamma$ Ari	51	5 13 30			274	13555	$\eta$ Ari	F5 V	9		12 16 37 42
225	11529	$\omega$ Cas	34	1 4			275	13611	$\nu$ Cet	G8 II	<17		16
226	11559	$\zeta$ Psc	<17	16			276	13645		B0 III	150		26
227	11656	$\beta$ Ari	73	1 5 12 17			277	13841		B2 Ib	50		26
228	11727	HR 556	$\leq$ 25	30			278	13854	HR 654	B1 Iab	67		18
229	11749	56 And	$\leq$ 25	30			279	13866		B2 Ib	43		18
230	11753	$\eta$ Phe	0	12			280	13867	MWC442	B7 IV-Ve	70		38
231	11909	$\iota$ Ari	<17:	16			281	13869	7 Tri	B9.5 V	122		5 12
232	11946	HR 567	360	12*46			282	13871	20 Ari	dF3	12		37
233	11973	$\lambda$ Ari	99	5 12 17 30			283	13960	A3 V	A3 V	75:		31
234		$\lambda$ Ari B	$\leq$ 25	30			284	13969		B1 IV	125		26
235	12111	48 Cas	68	5 12 17 46			285	13974	$\delta$ Tri	GO V	$\leq$ 10		16 37
236	12140	HR 578	140	46			286	14055	$\gamma$ Tri	AO V	232		5 12 13 46
237	12216	50 Cas	84	5 12 13			287	14191	$\theta$ Ari	A1 V	175		46
238	12230	47 Cas	95	6 12 46			288	14212	62 And	A1	80		5 12
239	12255	112Psc	$\leq$ 10	37			289	14228	$\eta$ Eri	B8 V	241		12
240	12279	52 Cas	305	46			290	14252	10 Tri	A2 V	29		5 12
241	12303	4 Per	93	4 12 13			291	14357		B2 II	125		36
242	12307	$\alpha$ Hyi	160	31			292	14489	9 Per	A2 Ia	25		5 12 46
243	12311	49 Cas	185	16			293	14653	HR 690	O8 V	18		20
244	12339	$\alpha^2$ Psc	87	5 12 13			294	14662	HR 690	F7 Ib	10:		16
245	12446/7	HR 597	130	46			295	14770	64 And	G8 III	<17		16
246	12467	HR 597	130	46			296	14872	65 And	K4 III	<17		16
247	12468	HR 598	130	46			297	15089	$\iota$ Cas	Ap	51		5 12 17
248	12471	$\epsilon$ Tri	92	5 12			298	15130	$\rho$ Cet	B9 V	191		5 12 13
249	12533	$\gamma$ And	<17	16 30			299	15233	$\lambda$ Hor	F2 IIIp	106		12
250	12534a	$\gamma$ AndB	70	30 46*			300	15257	12 Tri	A7	91		12

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
301	15318	† Cet	B9 III	63		5 12 13	351	17584	16 Per	F2 III	<17		6 12 16* 17
302	15335	13 Tri	dG0	≤6		37 42	352	17709	17 Per	K5 III	<17		16
303	15371	κ Eri	B8 III	0		12	353	17729	γ For	A1	195		12
304	15365	HR 723	A6 Vm	60		46	354	17769	ε Ari	B7 V	167		12 15
305	15427	φ For	A2 IV	127		12	355	17848	γ Hor	A0	<25		12
306	15524	HR 728	dF4	50		37	356	17878	τ Per	Comp.			17
307	15550	A9 V	A9 V	150		46	357	17904	20 Per	F4 V	63		6 12 16
308	15558	26 Ari	O6	126		18	358	18256	α Ari	dF5	15		37 42
309	15642		B0 IV	300:		26	359	18262	HR 870	dF7	≤10		37
310	15656	14 Tri	K5 III	<19:		16	360	18296	21 Per	Ap	5		5 12
311	15694	HR 737	K3 III	<19:		16	361	18322	γ Eri	K1 III-IV	<17		16
312	15785	ε Cet	B1 Iab	114		18	362	18331	HR 875	A1 V	232:		12
313	15798	29 Ari	dF7	12		12 16	363	18404	47 Ari	dF5	20		37
314	15814	HR 743	G8 III	≤10		37	364	18411	κ Per	A2 V	168		12* 13
315	15820	ω For	B9	<19:		16	365	18449	24 Per	K2 III	<17		16
316	16046	γ Cet	G8 III	46		12	366	18454	4 Eri	A4	81		12
317	16161	HR 756	F5	20		16	367	18519	ε Ari	A2 V	66		5 12
318	16176	HR 756	F5	20		37	368	18537	HR 890	B7 IV	210		15 30
319	16232	30 AriB	F6 V	30		37	369	18538	HR 891	B9 V	200		30
320	16234	31 Ari	dF5	≤10		37	370	18543	HR 892	A2	63		5 12
321	16246	30 AriA	F4 IV	32		30 37	371	18552	HR 894	B8 Ve	320		38
322	16327	HR 768	GF6	40		37	372	18604	λ Cet	B5 III	150		12* 15
323	16342	HR 770	A5 III	80		31	373	18622	θ Eri	A5 V	57		12
324	16399	HR 770	F5	12		37	374	18623	θ Eri	A2	97		12
325	16432	γ Ari	A7 V	99		5 12	375	18633	5 Eri	B9	182:		12
326	16555	γ Hor	B2 IV	314		12	376	18692	5 For	A9	90		12
327	16582	γ Cet	B2 IV	16		12 15 25	377	18769	49 Ari	Am	50		46
328	16626	ε Cet	F5 IV-V	13		12	378	18866	β Hor	A5 V	84		12
329	16628	53 Ari	A5 V	104		5 12 46	379	18925/6	γ Per	Comp.	0		12 17
330	16647	HR 783	dF2	20		37	380	18970	HR 918	K0 II-III	<19:		16
331	16673	HR 784	dF8	46		37 42	381	18978	τ Eri	A5 V	119		5 12
332	16739	13 Per	F9 V	<25		17	382	19065	HR 922	B9 V	0		46
333	16734	18 Eri	A0 V	190:		12	383	19107	10 Eri	A3	155		5 12
334	16811	μ Ari	A0 IV-V	195		46	384	19275	HR 932	A0 V	247		12* 13 46
335	16895	θ Per	F7 V	6		16 17 37 42	385	19319	λ Hor	dE2	97		12
336	16908	35 Ari	B3 V	132		4 12 15	386	19356	β Per	B8 V	67		2 4 12 13
337	16970	γ Cet	A2 V	183		5 12 13	387	19373	ι Per	G0 V	≤10		16 17 37
338	16978	ε Hyl	B9 III	125		12	388	19374	53 Ari	B2 V	10		35
339	17081	κ Cet	B7 V	19		44	389	19400	φ Hyl	B8	44		12
340	17093	38 Ari	A7 IV	83		5 12	390	19476	κ Per	K0 III	<17		16
341	17094	μ Cet	F0 IV	54		6 12 16 17	391	BD+49° 868			≤20		40
342	17168	44 For	A1	48		12	392	19624	ω Per	B5	290		40
343	17206	τ Eri	F6 V	22		12 16	393	19656		K0 III	<19:		16
344	17361	39 Ari	K1 III	<17		16	394	19767	F0 V:	K0 V:	140		40
345	17378	HR 825	A5 Ia	50		46	395	19787	δ Ari	K2 III	<17		16
346	17505		O7	128:		18	396	18805	A1 V	A1 V	≤20		40
347	17506	η Per	K3 Ib	<19:		16	397	19893	B9 V	B9 V	280		40
348	17543	κ Ari	B6 IV	79		1 4 15	398	19908	F4 III	F4 III	25		40
349	17566	ε Hyl	A3	100		12	399	19954	F0 V	F0 V	85		40
350	17573	41 Ari	B8 V	111		12	400	19978	HR 961	A6 V	37		12 46

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
401	19994	94 Cet	F8 V	7		12 16 37 42	451	21046		A3 V	70		40
402	20010	$\alpha$ For	F8 IV	0		12	452	21050	65 Ari	A0 V	25		46
403	20121	71 Eri	F6 III	151		12	453	21071	HR 1029	A0 V	70		28
404	20122		F2 V	110		40	454	21091		A0 V	340		28
405	20123	HR 969	G5 II	<17		16	455	21092		A3 V	75		40
406	20135	A1 V	A1 V	35		40	456	21120	o Tau	G8 III	<17		16
407	20145	HR 971	A1 III?	29		5 46	457	21152		B9 V	225		40
408	20150	$\zeta$ Ari	A0 IV-V	128		5 12 13 46	458	21181		B9 V	345		28
409	20191	B9	B9	230		40	459	21239		A1 V	145		40
410	20193	HR 975	F0	12		37	460	21278	HR 1034	B3 V	72		4 12 15 28
411	BD+49 897		F0 II	30		40	461	21279		A0 V	200		40
412	20313	55 Hyi	B8 V	47		12	462	21291	2 Cam	B9 Ia	29		4 12 13
413	20315	30 Per	B8 V	234		4 12* 15	463	21296		A7 V	105		31
414	20320	$\zeta$ Eri	Am	68		5 12 17	464	BD+48 923		A7 V	20		40
415	20326	1 Cam	B2 Ve	351		12* 10 15	465	21302		A1 V	230		40
416	20346	HR 986	A3 V	35		46	466	21345		A2 V	200		40
417	20365	29 Per	B3 V	146		4 12 15 28	467	21362	HR 1037	B6 V	385		28
418	20391	A1 V	A1 V	275		28 40	468	21364	$\zeta$ Tau	B8P	35		12
419	20395	14 Eri	dF4	$\leq 10$ :		37	469	21375		A1 V	270		40
420	20418	31 Per	B5 V	320		10 12* 15 28	470	21379	HR 1039	B9.5 V	65		46
421	20430		F8	$\leq 6$		34	471	21389	HR 1040	A0 Ia	6		12 13 46
422	20468	HR 991	K2 II	<17		16	472	21398		B9 V	135		28
423	20475		F2 V	90		40	473	21410		Am	<50		31
424	BD+47 808		A7 V	180		40	474	21428	34 Per	B3 IV	192		5 10 12* 15 28
425	20487		A0 V	280		40	475	21447	HR 1046	A1 V	187		28
426	20630	$\kappa$ Cet	G5 V	<17		16	476	21455	HR 1047	B5 V	150		28
427	20644	HR 999	K3 II-III	<17		16	477	BD+48 931		F6 V	120		40
428	BD+48 892		A3 V	$\leq 20$		40	478	21479		A2 V	180		40
429	20677	32 Per	A3 V	128		5 12 13 46	479	21480		A7 V	50		40
430	BD+48 894		F0 V	75		40	480	21481		A0 V	270		28 40
431	20701		A1 V	130		40	481	21482		A0	75		40
432	20714		A4 V	200		40	482	21489		A5	120		40
433	20756	$\tau$ Ari	B5 Vp?	20		4 12 15	483	21499		A0 V	275		31
434	20808		A2 V	35		40	484	21527		A3 V	80		40
435	20809	HR 1011	B5 V	242		4 10 12 15	485	21551	HR 1051	B8 IV	340		28 46
436	20842		A1 V	85		40	486	21552	35 Per	K3 III	<17		16
437	20865		B9 V	200		40	487	21553		A3 V	150		40
438	20893	63 Ari	K3 III	<19:		16	488	21600		A2 V	200		40
439	BD+49 918		F0 V	175		40	489	21619		A2 V	90		40
440	20902	$\alpha$ Per	F5 Ib	18		2 6 12 16 17 20 21	490	21620	HR 1056	A0 V	230		46
441	20919		F0 V	50		40	491	21641	MHC727	B9 Ve	188		28 38
442	20931		A2 V	85		40	492	BD+49 958		F0 V	155		40
443	20961		A0 V	25		28 40	493	21661	HR 1059	B7 V	25		46
444	20969		F0 V	$\leq 20$		40	494	21672		B8 V	225		28
445	20986		A1 V	210		40	495	BD+48 944		A4 V	120		40
446	21005		A2 V	250		40	496	21685	BDS1731B	A3 V	250		30
447	BD+47 819		F0 V	85		40	497	21686	$\mu$ Tau	B9.5 V	236		4 46
448	21019	HR 1024	G0	$\leq 10$		37	498	21699	HR 1063	B8 III	59		4 28
449	21024	HR 1025	F2	0		12	499	21700	BDS1731A	A1 V	100		30
450	21038	HR 1026	A0 V	100		46	500	21743	HR 1065A	A2 V	100		30

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
501	ADS2582B	A3 V	A3 V	100		30	551		H2-538	F2 V	<40	1	36
502	21754	5 Tau	K0 II-III	<19:		16	552	23249	♃ Eri	K0 IV	<17		16
503	21770	36 Per	F4 III	29		12 16 17	553	23257	ADS2735	G5 V	<25		30
504	21790	17 Eri	B8 V	96		4 12 13	554	23258	HR 1137	A0 V	100		46
505	21794	HR 1071	F7 V	<10		37	555		H2-405	F8 V	15	1	42
506	21819	HR 1073	A1 V	185		46	556	23277	HR 1138	Am	43		5 12
507	21856	HR 1074	B1 V	150		22	557	23288	16 Tau	B7 IV	246		7 8 9 15 28 36
508	21877	HR 1075	Am	60		31	558	23289	F3 V	B6 III	<40		7 8 36
509	21882	HR 1075	A3	198		12	559	23302	17 Tau	F3 V	227		4 7 8 9 10 15 28 36
510	BD+49° 967	A2m	A2m	60		40	560	23324	18 Tau	B8 V	228		7 8 9 28 36
511	21931	B9 V	B9 V	205		28	561	23325		Am	82		7 8 36
512	21942	A0 V	A0 V	180		40	562	23326		F3 V	<12		7 36 42
513	22001	x Ret	F5 V	0		12	563	23338	19 Tau	B6 V	134		2 4 7 8 9 15 28 36
514	22049	♁ Eri	K2 V	<17		16	564	23351		F3 V	69		7 8 36
515	22136	B8 V	B8 V	25		28	565		H2-627	F2 V	25	1	42
516	22192	γ Per	B5 Ve	398		10 15 28 39	566	23361	A3 V	A3 V	200		7 8 36
517	22203	♃ Eri	B8 V	41		1 4 12	567	23363	24 Eri	B7 IV	207		4
518	22211	HR 1089	G0	<10		37	568	23375		A9 V	78		7 8 36
519	BD+46° 780	R2 V	R2 V	120		40	569		H2-708	F7 V	70	1	42
520	22316	HR 1094	B8 Vp	0:		46	570		HR-727	F7.5 V	45	1	42
521	22326a	F5 V	F5 V	20		40	571	23383	HR 1147	B9 V	415		46
522	22326b	A0 V	A0 V	<20		40	572		H2-739	G1 V	<12	1	42
523	22401	20 Eri	A0 si	35		28 40	573	23387		A1 V	18		7 8 9 28 36
524	22470	10 Tau	F8 V	190		12	574		H2-745	F4 V	65	1	42
525	22484	0	F8 V	0		12 16	575	23388		A3	94		7 8
526	22578	A0	A0	152		7 8	576	23401	γ Cam	A3 IV	189		5 12 13 46
527	22614	A4 III	A4 III	<45		7 8	577	23402	B7 III	B7 III	152		7 8
528	22615	HR 1103	A4 III	<45		7 8	578	23408	20 Tau	B7 III	38		4 7 8 9 12 15 28 36
529	22637	A4 III	A4 III	83		7 8	579	23409		A2 V	146		7 8 36
530	22642	A1 V	A1 V	50:		31	580	23410		A0 V	178		7 8 28 36
531	BD+49° 991	B8 V	B8 V	140		40	581	23430		A0	118		7 8
532	22780	HR 1113	B5-8	360		10	582	23432	21 Tau	B8 V	204		7 8 9 28 36 46
533	22805	HR 1118	A2 V	70		46	583	23441	22 Tau	B9 V	243		7 8 9 28 36
534	22920	22 Eri	B8	121		4	584	23463		K2	<54		7
535	22928	♃ Per	B5 III	271		10 12* 15	585		H2-923	G0 V	12:	1	42
536	22951	♃ Per	B0.5 V	73		4 15 22	586	23464	29 Tau	B8.5 V	<12		7 8 42
537	23061	F6 V	F6 V	40		7 8 42	587	23466		B3 V	141		4 15
538	23089/90	HR1129	Comp.	0		12 17	588	23478		B3 IV	180		22
539	23155	A2	A2	106		7 8	589	23479		A7 V	155		7 8 36
540	23156	A7 V	A7 V	66		7 8 36	590	23480	23 Tau	B6 IV	294		7 8 9 10 12* 15 28 36
541	23157	A9 V	A9 V	86		7 8 36	591	23489		A2 V	95		7 8 36
542	23159	H2-164	F6 V	30	1	42	592		H2-1101	F9.5 V	30	1	42
543	23180A	B1 III	B1 III	75:		12* 22* 18	593		H2-1122	F5.5 V	28	1	42
544	23180B	A5 V	A5 V	150:		12* 22* 18	594	23512		A0 V	137		7 8 28 36
545	23194	H2-233	F5 V	20		7 8 36	595	23513		F5 V	30		7 8 42
546	23227	♃ For	F5 V	47	1	36 42	596		H2-1132	F5 V	40	1	42
547	23230	γ Per	F5 II	231		12	597	23523	HR 1158	A4 V	230		46
548	23245	AUS2735	F2 V	44		6 12 16 17 19	598		H2-1200	F6 V	<20	1	42
549	23245	AUS2735	F2 V	60		30	599	23552	HR 1160	B5 IV-Ve	250		36
550	23246	A8 V	A8 V	195		7 8 36	600	23567		A9 V	91		7 8 36

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
601	23568	H2-1309	B9.5 V	244	1	7 8 9 28 36	651	24076	HR 1191	A2 V	133		7 8 36
602	23585	H2-1338	F5 V	85		42	652	24131	HR 1197	B1 V	140		22
603	23607	HR 1163	A9 V	111		7 8 36	653	24132		F2 V	209		7 8 36 42
604	23625	HR 1185	A7 V	512		7 8 36	654	24167		A4 V	145		46
605	23628	H2-1726	F4 V	110		36 42	655	24178		AO	106		7 8
606	23629	H2-1766	B2 V	170		22	656	24357	H2-3179	G0 V	520	1	42
607	23630	H2-1797	A4 V	187		7 8 36	657	HR 1201	F4 V	54			8 34
608	23631	7 Tau	A0 V	155		7 8 9 12 15 28 36	658	24368		AO	<45		7 8
609			B7 III	216		7 8 9 12 15 28 36	659	24388	30 Eri	B8	191		4 12
610			A2 V	≤10		7 8 36	660	24398	γ Per	B1 Ib	72		2 4 12 18 22
611			F9 V	≤20	1	42	661	24432		B3 II	532		18
612	23632	H2-1856	A1 V	219		7 8 28 36	662	24479	HR 1204	B9 Ve	113		4 12 13 38
613	23642	HR 1172	A0 V	40		7 8 28 36	663	24504	HR 1207	B6 V	286		4 12 10 15
614	23643	HR 1185	A3 V	167		7 8 36	664	24534	X Per	Ope	150		22
615	23664	H2-1613	A2 V	61		7 8	665	24546	43 Per	F5 V	<17		16
616		H2-1726	F6 V	18	1	42	666	24554		A1 V	180		30
617		H2-1766	F7 V	112	1	42	668	24555	32 Eri	G8 III	<17		16 30
618		H2-1797	A9 V	174		7 8 36	669	24587	33 Eri	B5 V	35		4 12
619	23733	H2-1912	G0 V	15	1	42	670	24626	1 Eri	B6 IV	35		12
620		H2-1924	F0 V	20		42	671	24640	HR 1215	B2 V	137		4 10 12* 15 22
621		30 Tau	B5 V	34		4 15	672	24711		AO	61		7 8
622	23753	H2-2172	F9 V	≤20	1	42	673	24760	ε Per	B0.5 V	150		4 12 30
623	23754	42 Per	A2 V	82		5 46	674		ε Per B	B8 V:?	300:		30
624	23763	27 Tau	B8 III	212		7 8 9 12* 13 28 36 46	675	24769	33 Tau	B9.5 IV	110		46
625		28 Tau	B8 IV-Ve	341		8 28 32 36 38 39	676	24817	HR 1224	A1 V	190		46
626		HR 1185	A2 V	242		7 8 36	677	24899		B9	<45		7 8
627	23791	28 Eri	B9.5 V	84		7 8 9 28 36	678	24912	γ Per	O7	216		1 4 10 18
628	23793	HR 1185	A2 V	0		5 12	679	25007/8	49 Cep	Comp.	12		12
629		HR 1185	A3 V	143		7 8 36	680	25102	HR 1233	F5 V	54		8 34
630	23848	HR 1185	F3 V	130		7 8 36 42	681	25152	HR 1234	B9.5 V	50		46
631	23850	HR 1185	B9	175		7 8 9	682	25175	HR 1237	B9.5 V	20		46
632	23852	HR 1185	B9 V	285		7 8 9 28 36	683	25202	HR 1238	F4 V	146		8 22
633	23862	HR 1185	A7 V	165		7 8 36	684	25204	λ Tau	B3 V	112		1 4 12 15
634	23863	HR 1185	A2 V	242		7 8 36	685	25267	36 Eri	Ap	34		1 5 12
635	23872	HR 1185	B9.5 V	84		7 8 9 28 36	686	25291	HR 1242	F0 II	10		6 12 16 17 19
636	23873	HR 1185	A2 V	0		5 12	687	25340	35 Eri	B5 V	179		4 10 12 15
637	23878	HR 1185	A3 V	143		7 8 36	688	25425	HR 1248	A4 Vm	40		46
638	23886	HR 1185	F3 V	130		7 8 36 42	689	25457	HR 1249	F6 V	23		12 16
639	23912	HR 1185	B9	175		7 8 9	690	25490	γ Tau	A1 V	71		5 12 13
640	23913	HR 1185	B9 V	285		7 8 9 28 36	691	25539		B3 V	120		22
641	23923	HR 1185	A7 V	72		7 8 36	692	25558	40 Tau	B3 V	51		4 12 15
642	23924	HR 1185	A2 V	102		7 8 36	693	25570	HR 1254	F2 V	40		6 8 12 37
643	23948	HR 1185	B8 III	102		7 8 9	694	25604	37 Tau	K0 III	<17		16 12 37
644	23950	H2-2500	F9.5 V	30	1	42	695	25621	HR 1257	F6 IV	14		12 16
645		H2-2506	F8 V	18		42	696	25638	SZ Cam	B0 II-III	258		26 30
646		HR 1185	A0 V	20	1	42	697	25639		B9 V	160:		30
647	23964	HR 1185	A2 V	18		7 8 9 28 36	698	25642	λ Per	Bp V	21		5 12* 13
648	23985	HR 1185	A0 V	98		5 12 46	699	25823	41 Tau	Ap	21		5
649	24071	135 Eri	AO	0		12	700	25867	γ Tau	dF1	68		12
650	24072	135 Eri	B8	218		12							

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
701	25940	48 Per	B3 Vpe	217		4 10 12 15	751	27561		F4 V	12		8 22 34
702	25945	174 Eri	F0 V	98		12	752	27616	212 Eri	A2 V	164		5 12
703	25998	50 Per	dF7	19		37 42	753	27628	60 Tau	Am	15		8 22 34
704	26015	HR 1279	F3 V	25		8 34	754	27638	x Tau	B9.5 V	300:		46
705	26171	HR 1284	B9.5 V	40		46	755	27650	HR 1371	AO II	40		46
706	26322	44 Tau	dF3	0		12	756	27691	GO V	GO V	8		22 34
707	26326	HR 1288	B3 V	31		4 12 15	757	27697	♂ Tau	K0 III	≤ 8		8 16 17 22 34
708	26343		F6 V	18		8 22 34	758	27721	FO V	F5	≤ 10		34
709	26356	HR 1289	B5 V	320:		10 12* 15	759	27749	63 Tau	Am	≤ 12		8 22 34
710	26398	HR 0468	B7 IV-Ve	180		38	760	27808		F7 V	≤ 12		34
711	26462	45 Tau	F4 V	≤ 12		8 22 34	761	27819	64 Tau	A7 V	60		5 8 17 22 34 46
712	26553	HR 1296	A3 II	50		46	762	27820	66 Tau	A2	85		5 12
713	26574	38 Eri	F2 II-III	98		12 17	763	27848		F6 V	30		22 34
714	26612	♂ Hor	dF0	193		12	764	27859		G1 V	6		34
715	26630	♂ Per	GO Ib	14		12 16 17	765	27861	♀ Eri	A1 V	161		5 12
716	26673/4	52 Per	Comp.	< 25		17	766	27901	HR 1385	F4 V	102		8 22 34*
717	26690	46 Tau	F3 V	58		6 12 16 17	767	27934	65 Tau	A7 V	80		5 8 12 17 22 34* 46
718	26737		F5 V	68		22 34	768	27946	67 Tau	A7 V	153		6 8 12 22
719	26764	HR 1314	B9.5 V	191		12 46	769	27962	68 Tau	A2 IV (wt)	16		5 8 12 13 22 34* 46
720	26784		F5	≤ 12		22 34	770	27971	HR 1390	K1 III	< 19:		16
721	26846	39 Eri	K3 III	< 19:		16	771	27991	70 Tau	F7 V	15		8 22 34
722	26911	48 Tau	F3 V	53		8 22 34	772	28024	♂ Tau	F0 III-IV	203		5 8 12 17 22 34* 46*
723	26912	κ Tau	B3 V	82		4 12 15	773	28033		F8 V	≤ 6		34
724	26913	HR 1321	G5 IV	≤ 6		30 37 42	774	28034		F8 V	≤ 6		34
725	26923	HR 1322	GO IV	4		30 37 42	775	28032	71 Tau	FO V	203		5 8 17 22 39
726	26961	HR 1324	A2	81		1 5 12	776	28069		F5	18		34
727	27022	HR 1327	G5 III	< 19:		16 17	777	28100	π Tau	G8 III	< 17		16
728	27045	ω Tau	Am	60		5 12 17	778	28149	72 Tau	B6 V	230		4 10 12 15
729	27084	HR 1330	A5	86		5	779	28205		F8 V	9		34
730	27176	51 Tau	A8 V	97		8 22 34*	780	28226	HR 1403	Am	100		8 22 34*
731	27192	HR 1333	B2 IV	0		4	781	28237		F8	8		34
732	27290	γ Dor	F0 V	82		12	782	28271	HR 1406	dF4	40		37
733	27295	53 Tau	Ap	2		4 12 46	783	28292	75 Tau	K2 III	< 19:		16
734	27309	56 Tau	Ap	46		5 12	784	28294	76 Tau	FO V	102		8 22 34*
735	27322	HR 1342	A2 V	145		46	785	28305	ε Tau	K0 III	≤ 8		8 16 34
736	27348	54 Per	G8 III	< 19:		16	786	28307	77 Tau	K0 III	≤ 8		8 16 22 34
737	27371	γ Tau	K0 III	≤ 8		8 16 22 34	787	28319	78 Tau	A7 III	80		6 8 12 17 22 34*
738	27376	HR 1347	B8.5 V	45		12	788	28355	79 Tau	A7 V	103		5 12 8 22
739	27382	γ Tau	K1 III	< 19:		16	789	28362		F8 V:	< 30		22
740	27383	55 Tau	F8 V	18		8 22 34	790	28375	44 Eri	B8	26		12
741	27396	53 Per	B6 III	20		4 12 15	791	28394		F7 V	25		34
742	27397	57 Tau	F0 V	109		8 22 34*	792	28406		F6 V	20		22 34
743	27402	HR 1352	A2 V	150		46	793	28446	1 Cam	B0 III	275		30
744	27406		GO V	10		34	794		B0 V	≤ 25			30
745	27429	HR 1354	F2 V	132		8 12 34	795	28459	HR 1419	B9.5 V	300:		46
746	27459	58 Tau	A9 V	65		6 8 22 34	796	28483		F6 V	18		34
747	27483	HR 1358	F6 V	12		24 22*	797	28485	80 Tau	F0 V	134		6 8 22
748			F5 V	94		22 34	798	28497	228 Eri	B1 Ve	340		10 12* 15
749	27524		F6 V	40		22 34	799	28527	HR 1427	A7 V	69		5 8 17 22 34*
750	27534		F6 V	40		22 34	800	28546	81 Tau	Am	23		8 12 22 34*

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
801	28556	83 Tau	F0 V	95		6 8 12 22 34*	851	30478	κ Dor	A3	177		12
802	28568		F5 V	53	8 34		852	30504	1 Aur	K4 II	<19:		16
803	28608		F5	20	34		853	30589	F8	F8	≤6		34
804	28677	85 Tau	F2 V	109	8 22 34*		854	30614	α Cam	O9.5 Ia	1 4 10 12 18		17
805	28736	HR 1436	dF4	35	34		855	30652	1 Ori	F6 V	16		6 3 12 16 37 42 17
806	28749	45 Eri	K3 II-III	<17	16		856	30676	F8	F8	13		34
807	28873	♁ Cae	B3 V	0	12		857	30738	F8	F8	12		34
808	28910	ρ Tau	F0 V	114	5 8 12 17 22 34*		858	30739	2 Ori	A0 V	225		12 13 46
809	28911		F5 V	40	34		859	30780	97 Tau	dA5	141		6 8 22 34
810	29065	HR 1452	K4 II-III	<19:	16		860	30810	F6 V	F6 V	≤6		22 34
811	29094/5 58 Per		Comp.	<25	17		861	30834	2 Aur	K3 III	<17		16
812	29139	α Tau	K5 III	<17	16		862	30836	3 Ori	B2 III	42		1 4 12 15 27 28 2
813	29140	88 Tau	Am	27	12 17 30		863	30869	F5	F5	25		34
814	BD+9° 608		F8 V	≤25	30		864	31069	HR 1558	B9.5 V	110		46
815	29169	HR 1459	dF2	80	34		865	31109	ω Eri	A9 IV	148		6 12 17
816	29225		F5 V	41	22 34		866	31134	HR 1561	A2 V	40		46
817	29248	ν Eri	B2 III	25	4 12 15 25		867	31203	8 Pic	F0 IV	57		12
818	29305	α Dor	A5	157	12		868	31236	HR 1566	dRo	102		8 34
819	29310		G1 V	6	34		869	31237	8 Ori	B2 III	97		1 4 12 15 28
820	29316	2 Cam	A8 V	112	6 12		870	31278	7 Cam	A1 V	45		12 13
821	29317	3 Cam	K0 III	<17	16		871	31283	6 Ori	A3 V	127		5 12 46
822	29335	49 Eri	B7 V	136	10 12 15		872	31295	7 Ori	A0p	99		12 13 46
823	29375	89 Tau	F0 V	112	8 22 34*		873	31327	HR 1573	B2 Ib	≤32		18
824	29388	90 Tau	A5 V	80	5 8 12 17 22 34* 46		874	31398	5 Aur	K5 II	<17		16
825	29391	51 Eri	A5	95	5 12		875	31421	9 Ori	K2 III	<17		16
826	29419		F5	≤6	34		876	31512	62 Eri	B9 IV	104		12
827	29459	HR 1477	A4 V	130	46		877	31590	HR 1589	B9.5 V	80		46
828	29479	91 Tau	Am	74	5 12		878	31592	98 Tau	B8.5 V	170		46
829	29488	92 Tau	A5 V	123	5 8 17 22 34*		879	31647	4 Aur	A0 V	92		12 13 46
830	29499	HR 1480	dA9	55	6 8 22 34*		880	31767	10 Ori	K2 II	<17		16
831	29503	53 Eri	K2 III	<17	16		881	31845	101 Tau	F5 V	25		34
832	29573	HR 1483	A2m	43	5 12		882	31910	♁ Cam	G0 Ib	19		12 16 17 30
833	29589	93 Tau	B7 IV	107	12		883	31911	F0 IV	F0 IV	100		30
834	29645	HR 1489	G0 V	<10	37		884	31964	ε Aur	F0p Ia	29		2 6 12 16 17
835	29722	59 Per	A1 V	197	5 12 46		885	32039	HR1610B	B9 V	350		30
836	29763	τ Tau	B3 V	187	1 4 10 15 30		886	32040	HR1610A	B8 V	350		30
837	29859	95 Tau	A1 V	100	30		887	32045	8 Eri	F0 IV	186		12 17
838	29859	95 Tau	dF6	≤10	37		888	32068/9	τ Aur	Comp.	19:		12
839	29867	HR 1501	A9 V	85	46		889	32249	7 Eri	B2 V	74		4 12 15
840	29875	α Cae	F2 V	44	12		890	32301	102 Tau	A7 V	127		5 8 12 17 22 34*
841	29992	♁ Cae	F8 V	140	12		891	32309	5 Lep	B9 V	237:		12
842	30020	55 EriB	F2 IIIp	60	30		892	32345	11 Cam	B2 Ve	151		10 12 15 30
843	30021	55 EriA	G8 III	≤25	30		893	32357	12 Cam	K0 III	≤25		30
844	30034	HR 1507	dF6	86	5 12 8 22 34*		894	32357	9 Aur	F0 V	14		12 17
845	30076	56 Eri	B2 Ve	240	10		895	32549	11 Ori	Ap	36		4 12 13
846	30121	4 Cam	Am	68	5 12		896	32630	7 Aur	B3 V	139		4 12 15
847	30210	HR 1519	Am	64	5 8 12 22 34*		897	32650	HR 1643	Ap	50		5 12
848	30211	57 Eri	B5 IV	185	4 12 15		898	32667	HR 1645	A5m	216		12
849	30311		F5	7	34		899	32743	10 Pic	dF4	0		12
850	30338	HR 1523	K5 III	<17	16		900	32781	HR 1650	B9 IV	60		46



No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
901	32923	104 Tau	G4 V	≤10		37	951	34865	ν Lep	B7 V:	370		12* 15
902	32964	66 Eri	B9	18		952	34904		A3 V	B3 V	150		46
903	32977	106 Tau	A5 V	86		953	242908		B2 V	O6	126:		18
904	32990	103 Tau	B2 V	98		954	242926		B2 Vp	B5p	91:		18
905	32991	105 Tau	B2 Vp	220		955	34959	HR 1761	A0 V	B5p	348		29 28
906	33021	13 Ori	dG2	≤6		956	34968	38 Lep	A0 V	B5p	51		12
907	33054	14 Ori	Am	52		957	34989	HR 1765	B1 V	B5	53		27 28
908	33111	♄ Bri	A3 III	177		958	35007	HR 1764	B3 V	B8	40		28
909	33204	HR 1670	Am	<30		959	35008		B8	B8	150		29
910	33232		B3(e)	300		960	35039	22 Ori	B2 IV	B6	6		4 15 27 28
911	33254	16 Ori	Am	30		961	35079		B3 V	B3 V	185		28 29
912	33256	68 Eri	F5 V	0		962	35148		B3 V:	B3 V	300		30
913	33262	τ Der	F8 V	12		963	35149	23 Ori	B1 V	B3 V	290		10 15 27 28 30
914	33276	15 Ori	F2 IV	49		964	35186	♄ Aur	K4 III	<19:	16		16
915	33328	λ Eri	B2 IV	336		965	35203		B6 V	B6 V	20		29
916	33554	HR 1684	K5 III	<19:		966	35239	HR 1776	B9 III	285			46
917	33564	19 Cam	F6 V	0		967	35296	111 Tau	F8 V	16			16 37 42
918	33608	HR 1687	dF6	≤10		968	35298		B9 V	B9 V	260		29 28
919	33641	μ Aur	Am	85		969	35299	HR 1781	B2 V	B2 V	15		27 28
920	33847	HR 1690	B8 V	50		970	35337	8 Lep	B2 IV	B2 IV	23		4 12 15
921	33654	HR 1692	B9 III	50		971	35369	29 Ori	G8 III	<17	16		16
922	33802	ν Lep	B8 V	193		972	35407	HR 1786	B5 V	B5 V	450		28
923	33856	ρ Ori	K3 III	<17		973	35410	27 Ori	K0 III	<19:	16		16
924	33883	HR 1701	A5 V	100		974	35411	γ Ori	B1 V	47			1 4 12* 27
925	33904	μ Lep	Ap	0		975	35439	25 Ori	B1 Vp	316			10 12* 15 27 28
926	33949	x Lep	B8 V	124		976	35468	γ Ori	B2 III	64			2 4 12 27 15
927	33959	14 Aur	A9 V	33		977	35497	♄ Tau	B7 III	68			4 12 13 46
928	34053	108 Tau	A2 IV	90		978	35501		B8 V	B8 V	135		29
929	34078	AE Aur	O9.5 V	5		979	35502		B5 V	B5 V	290		28 29*
930	34085	♁ Ori	B8 Ia	42		980	35520	HR 1795	A0 III	100			46
931	34179		B8 V	55		981	35575		B3 V	B3 V	120		28
932	34180	HR 1717	F2	50:		982	35588	HR 1803	B3 V	B3 V	170		28
933	34203	18 Ori	A0 III	74		983	35620	♄ Aur	K3p	<17	16		16
934	34310	28 Lep	B9	111		984	35633		B0.5 IV	126			18
935	34334	16 Aur	K3 III	<17		985	35640	HR 1806	B9 V?	280			29
936	34411	λ Aur	G0 V	53		986	35671	115 Tau	B5 V	155			4 10 12 15
937	34452	HR 1732	Ap	44		987	35673		B5 V	B5 V	270		29
938	34503	τ Ori	B5 III	35		988	35708	114 Tau	B5 V	B5 V	27		4 12 15
939	34511		B5 V	35:		989	35715	ψ Ori	B2 IV	143			1 4 27
940	34557	HR 1738	A1 V	200		990	35730		B5p	58			27 28
941	34559	109 Tau	G8 III	<17		991	35762		B2 V	B2 V	155		27 28
942	34578	19 Aur	A5 II	16		992	35770	116 Tau	B9 V	B9 V	260		46
943	34656		O7	90		993	35777		B2 V	B2 V	305		27 28
944	34658	21 Ori	F5 II	72		994	35792		B3 V	B3 V	65		29
945	34748	HR 1748	B1.5 V	280		995	35834		B8 V	B8 V	285		28
946	34759	ρ Aur	B5 V	102		996	35881		B8 V	B8 V	220		29
947	34787	16 Cam	B9 V	268		997	35882		B5	B5	200		29
948	34797	HR 1754	A0p	80		998	35909	HR 1819	A4 V	A4 V	145		46
949	34798	HR 1755	B5 V	≤25		999	35912	HR 1820	B2 V	B2 V	32		27 28
950	34816	λ Lep	B0.5 IV	73		1000	35921		O9.5 III	195			18

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1001	3594 <sub>A</sub>	118 Tau	B9 V	133		30 46	1051	36861	λ Ori	O8f	75		2* 4 10* 12 18 30
1002	3594 <sub>B</sub>	HR 1822	A0 V	197		30 46	1052	36862		B0 V	125		30
1003	35984	HR 1822	df2	40		37	1053	36865		B7	220		29
1004	36013		B1.5 V	298		27 28	1054		H-208a	B2 V	75		26
1005	36066	18 Cam	df7	<10		37	1055		H-238	B2.5 V	125		2 26
1006	36079	♁ Lep	G2 II	11		14 16	1056		H-249	B2 V	225		2 26
1007	36120		B7	200		29	1057		H-250	B2 V	150		2 26
1008	36133		B2 V	218		27 28	1058		H-258	B3 V	150		2 26
1009	36151		B5 V	50		29	1059	36898		B7	160		29
1010	36162	HR 1832	A3 V	230		46	1060		H-313	B2 V	175		2 26
1011	36166	HR 1833	B1.5 V	175		27 28	1061	36917		B9	110		29
1012	36167	CI Ori	K5 III	<19:		16	1062		H-350	B3 V	175		2 26
1013	36219		B7	255		29	1063		H-365	B2 Ve	150		2 26
1014	36234		B7	15		29	1064			B3 V	180		28
1015	36267	32 Ori	B5 IV	191		10 12 15 28	1065	36954	HR 1886	B1 V	26		4 27 28 30
1016	36285	HR 1840	B1.5 V	10		27 28	1066	36960	HR 1887	B0 V	32		4 12 27 28 30
1017	36351	33 Ori	B1.5 V	38		4 27 28	1067	36981		B1.5	145		27
1018	36366		B9	25		29	1068	37001		B8	75		29
1019	36371	α Aur	B5 Iab	85		1 4	1069	37017	HR 1890	B1.5 V	150		27
1020	36392		B3 V	45		28	1070	37018	42 Ori	B2 III	69		4 12 15 27
1021	36408	ADS4131A	B7 IV	56		4 12* 30	1071	37020	θ Ori A	θ Ori A	93		4 30
1022		ADS4131B	B8 V	300		30	1072	37021	θ Ori B	B1 V:	173		27 30
1023	36430	HR 1848	B2 V	25		27 28	1073	37022	θ Ori C	O6p	125		4 10 18 30
1024	36473	10 Lep	A0	62		12	1074	37023	θ Ori D	O9.5 V?	92		4 27 30
1025	36485	ADS4134C	B2 V	85		30	1075	37040	HR 1898	B2-3	140		27
1026	36486	♁ Ori	O9.5 II	148		1 4 12 18 28 30	1076	37041	θ Ori	O9.5 Vp	183		1 4 10 18 30
1027	36496	HR 1853	A5 V	225		46	1077	37042	ADS4188B	B0.5 V	10		27 30
1028	36499	HR 1854	A4 V	100		46	1078	37043	ι Ori	O9 III	122		1 2 4 10 18 30
1029	36512	ν Ori	B0 V	17		4 12 15 27 28	1079		ι Ori ft	B3p	50		30
1030	36541		B6 V	190		29	1080	37058		B2 Vp	5		27
1031	36559		B8	135		29	1081	37061		B1 V	160		27
1032	36570	HR 1857	B8.5 V	30		46	1082	37077	45 Ori	gF0	66		12
1033	36576	120 Tau	B2 IVe	271		10 12 15	1083	37128	ε Ori	B0 Ia	85		2 4 12 18
1034	36581	HR 1861	B1 V	22		4 12 15 27 28	1084	37129		B2 Vp	50		27
1035	36627		B6 V	235		29	1085	37147	122 Tau	A5	114		5 12
1036	36629		B2 V	5		27	1086	37202	ζ Tau	B2 IVp	310		10 15
1037	36646	HR 1863	B3 V	215		28	1087	37209	HR 1911	B1 V	50		27
1038	36653	35 Ori	B3	224		4	1088	37232	HR 1913	B1.5 V	120		27
1039	36655		B8	150		29	1089	37303	HR 1918	B1 V	260		27
1040	36673	α Lep	F0 Ib	13		12 16 17 20	1090	37350	β Der	F8 Ia	0		12
1041	36695	VV Ori	B1 V	183		27 28	1091	37356	HR 1923	B1.5 V	10		27
1042	36697		B9	10		29	1092	37438	125 Tau	B2 V	65		1 4 12 15
1043	36741	HR 1871	B2 V	198		27 28	1093	37439	HR 1929	A2 V	180		46
1044	36777	38 Ori	A0 V	118		5 12 46	1094	37468	σ Ori	O9.5 V	94		4 12
1045	36779	HR 1873	B3 V	200		28	1095	37481	HR 1933	B1 V	105		27
1046	36819	121 Tau	B3 V	117		4 12 15	1096	37490	47 Ori	B3 IIIe	195		4 10 12 15 27
1047	36822	37 Ori	B0 IV	46		1 2 4 12	1097	37495	34 Col	df4	31		12
1048	36824		B3 V	175		28	1098	37507	49 Ori	A4 IV	174		5 12 17
1049	36842		B5	245		29	1099	37526		B5	130		29
1050		H-120	B2 III	150	2	26	1100	37606		B8 V	230		29

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1101	37646	HR 1945	B7 V	200	30	30	1151	40292	42 Pic	FO V	0	12	12
1102	37647	ADS4262B	B9.5 V	120	30	30	1152	40312	♂ Aur	Ap	52	5	12 13 46*
1103	37700		B5 V	125	29	29	1153	40446	60 Ori	AO V	47	5	12 46
1104	37711	126 Tau	B3 IV	97	4	12 15	1154	40535	1 Mon	F2 II	25	16 19	
1105	37742	♄ Ori	O9.5 Ib	127	4	12 18	1155	40536	4 Mon	Am	43	1 5	
1106	37744	HR 1950	B1 V	35	27	27	1156	40588	HR 2110	AO V	100	46	46
1107	37756	HR 1952	B2 IV	63	1 4 15 27		1157	40626	HR 2112	B9 V	20	46	46
1108	37776		B2 V	145	27	27	1158	40857	HR 2113	K2 III	<17	16	16
1109	37788	HR 1955	A7 V	80	46	46	1159	40852	HR 2122	F4 V	12	37	37
1110	37795	♁ Col	B8 Ve	155	12	12	1160	40873	HR 2123	A5 V	46	46	46
1111	37807		B2	10	27	27	1161	40932	♄ Ori	Am	23	1 5 12 13 46	
1112	37903		B1.5 V	210	27	27	1162	40967	3 Mon	B5 IV	65	12 13	
1113	37984	51 Ori	K1 III	<17	16	16	1163	41040	64 Ori	B8 III	17	4 12	
1114	38091	26 Cam	A3 V	260	46	46	1164	41076	HR 2133	B9.5 V	15	46	46
1115	38104	♁ Aur	Ap	43	5 12	12	1165	41117	♄ Ori	B2 Ia	29	4 12 15 18	
1116	38170	42 Col	B9	41	12	12	1166	41161	♄ Ori	O9	300	18	18
1117	38284	HR 1976	A2 V	125	4 6	46	1167	41214	45 Pic	AO	0	12	12
1118	38393	♄ Lep	F6 V	0	12	12	1168	41330	HR 2141	dGo	≤10	37	37
1119	38558	130 Tau	♄ F4	51:	6	6	1169	41335	HR 2142	B2 IV-Ve	419	10 12 15 39	
1120	38622	133 Tau	B2 V	70	4 12 15	15	1170	41357	40 Aur	Am	44	1 5 12	
1121	38656	τ Aur	G8 III	<17	16	16	1171	41398		B2 Ib	79	18	18
1122	38666	♄ Col	O9.5 V	108	12 35	35	1172	41511	17 Lep	A2p	98	5 12	12
1123	38678	♄ Lep	A3 V	239	12 13	13	1173	41534	72 Col	B3 V	132	12 35	35
1124	38710	52 Ori	G6 IV	86	5 12 46	46	1174	41597	37 Cam	G8 III	<19:	16	16
1125	38751	152 Tau	G8 III	<19	16	16	1175	41692	HR 2154	B5 IV	20	4 12 15	
1126	38755		B6 V	125	29	29	1176	41695	♄ Lep	A1 V	211	12 13	13
1127	38771	♄ Ori	B0.5 Ia	81	4 12 18	18	1177	41753	♄ Ori	B3 V	42	1 4 12 15	
1128	38831	30 Cam	B8 V	400:	46	46	1178	41841	HR 2163	A2	55	12	12
1129	38899	134 Tau	B9 IV	19	4 12 13 46	46	1179	41927	36 Cam	K2 II-III	<17	16	16
1130	39003	♄ Aur	KO III	<17	16	16	1180	42083	HR 2172	A4 V?	35	46	46
1131	39014	♄ Dor	A7 V	211	12	12	1181	42088		O6	291	18	18
1132	39060	♄ Pic	A5 III	104	12	12	1182	42111	HR 2174	A1 V	250	30	30
1133	39220	TU Cam	AO	76	1 5 12	12	1183	42092?	ADS4749B	AO V	120	30	30
1134	39283	♄ Aur	A2p?	72	5 12 13	13	1184	42126	41 AurB	A5 V	120	30 46	46
1135	39286	HR 2030	B9comp.	350:	46	46	1185	42127	41 AurA	A2 V	115	30 46	46
1136	39291	55 Ori	B2 V	164	4 12 15 27	27	1186	42303	♄ Col	AO	248	12	12
1137	39357	136 Tau	AO III	38	1 5 12 13	13	1187	42379		B1 II	67	18	18
1138	39364	♄ Lep	G8 III	0	14	14	1188	42400		B5 II	<32	18	18
1139	39400	56 Ori	A2 II	<19:	16	16	1189	42545	69 Ori	B5 V	303	4 10 12* 15	15
1140	39587	♄ Ori	G0 V	6	16 17 37 42	42	1190	42560	♄ Ori	B5 V	225	4 10 12 15	15
1141	39698	57 Ori	B2 V	121	4	4	1191	42690	HR 2205	B2 V	25	4 12 15	15
1142	39746	λ Col	B1 II	244:	18	18	1192	42818	22 Cam	AO V	320	13 46	46
1143	39764		B5 V	88	12	12	1193	42833	♄ Pic	B1	270	12	12
1144	39777	HR 2058	B9 III	20	27	27	1194	42954	HR 2214	Am	90	46	46
1145	39985	HR 2075	B9 III	30	46	46	1195	43039	♄ Aur	G8 III	<19:	16	16
1146	40035	♄ Aur	KO III	<17	16	16	1196	43042	71 Ori	F6 V	13	12 16 37	37
1147	40111	139 Tau	B1 Ib	131	4 15 18	18	1197	43078		B0 IV	126	18	18
1148	40136	♄ Lep	F0 IV	0	12 17	17	1198	43107	♄ Dor	B8 V	103	12	12
1149	40183	♄ Aur	A2 IV	11	2 5 12	12	1199	43153	72 Ori	B7 V	91	4 12 46*	46*
1150	40248	♄ Col	F0	79	12	12	1200	43247	73 Ori	B9 II-III	59	4 12	12

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1201	43285	HR 2231	B6 V	290	10	10	1251	46089	HR 2375	A4 V	124	5	12
1202	43318	HR 2233	F6 V	≤6	37	42	1252	46106		O9.5 V	75	26	
1203	43358	HR 2236	F5	≤10	37		1253	46149		O9 V	18	18	
1204	43378	2 Lyn	A2 V	20	5	12 13	1254	46150		O6f	140	18	
1205	43384	9 Gem	B3 Iab	≤32	18		1255	H-15		B2 V	150:	4	26
1206	43386	74 Ori	F5 IV-V	17	11	12 16 42	1256	H-8		O8.5	125	4	26
1207	43445	HR 2244	B8 V	235	12*	73	1257	H-13		B2 V	150:	4	20
1208	43525	75 Ori	A2 V	192	5	12 46	1258	46184	HR 2379	K3 III	<19:	16	16
1209	43587	HR 2251	dG0	≤6	37	42	1259	46223		O5f	143	18	26
1210	43683	HR 2253	A2 V	120	46		1260	46273	16 Pup	F2	133	12	
1211	43753		B0.5 III	67	18		1261	46300	13 Mon	A0 Ib	17	5	12 13 20
1212	43812	4 Lyn	A1 IV	155	46		1262	46328	γ Cha	B1 IV	16	4	12 25
1213	43818		B0 II	91	18		1263	46487	HR 2395	B6 V	300	10	12 15
1214	43819	HR 2258	Ap	55	46		1264	46547	47 Cha	B3	120	12	
1215	43905	45 Aur	F5 III	19	12	16	1265	46553	49 Aur	B9.5 V	149	5	12
1216	43955	13 CMi	B2 V	88	4	12 15	1266	46933	γ Cha	A0 V	138	5	12
1217	44092	HR 2272	A1 V	55	46		1267	46966		O8	91:	18	
1218	44112	7 Mon	B2 V	152	4	12 15	1268	47054	HR 2418	B8 IV-Ve	245	4	12* 38
1219	44333	HR 2280	A4.5 V	150	46		1269	47100	52 Aur	B8 III	169	12	
1220	44402	γ Cha	B3 V	70	4		1270	47105	γ Gem	A0 IV	37	1	2 5 12 13 46
1221	44458	HR 2284	B1 Vep	265	4	10 12 15	1271	47129 <sup>a</sup>	HR 2422	O8	110:	18	
1222	44472	HR 2285	A4 III	80	46		1272	47152	53 Aur	Ap	130:	18	
1223	44506	90 Col	B2 V	211	12		1273	47152	53 Aur	Ap	325	46	
1224	44708	5 Lyn	K4 III	<19:	16		1274	47174	5 Aur	K3 III	<17	16	
1225	44743	γ Cha	B1 II-III	36	2	4 12 25	1275	47205	γ Cha	K1 IV	<17	16	
1226	44769	8 MonA	A5 IV	123	5	12 17 30	1276	47240	HR 2432	B1 Ib	126:	18	
1227	44770	8 MonB	F5 V	≤25	30		1277	47306	11 Car	B9 III	0	12	
1228	44783	HR 2300	B8.5 V	65	46		1278	47432	HR 2442	O9.5 II	105	18	
1229	44927	HR 2304	A0 V	220	46		1279	47442	γ Cha	K1 III	<17	16	
1230	44951	HR 2305	K3 III	<19:	16		1280	47575	HR 2449	A3 V	60	46	
1231	44990	T Mon	F7 Iab	21	21		1281	47667	HR 2450	K2 II	<17	16	
1232	44996	HR 2309	B4 IV-Ve	120	38		1282	47670	γ Pup	B8 III	183	12	
1233	45067	HR 2313	dF8	≤10	37		1283	47703	HR 2452	F5	≤10	37	12
1234	45105	HR 2314	B8.5 V	0	46		1284	47839	S Mon	O7	106	4	10 18
1235	45137	HR 2315	B9 V	120	46		1285	47863	HR 2457	A0 V	20	46	
1236	45229	γ Pic	Am	0	12		1286	47914	55 Aur	K5 III	<17	16	
1237	45348	α Car	F0 Ia	0	12		1287	47964	HR 2461	B8 III	95	46	
1238	45412	RT Aur	G0 Ib	0	12		1288	48097	26 Gem	A2 V	99	5	12 46
1239	45504	HR 2339	F5	≤10	37		1289	48099 <sup>a</sup>	HR 2467	O6f	90:	18	
1240	45542	γ Gem	B7 IYe	215	10	12 15	1290				75:	18	
1241	45546	10 Mon	B2 V	98	4	12 15	1291	48250 <sup>a</sup>	12 Lyn	A1.5 V	90	46	5* 12*
1242	45563	HR 2347	B8 V	50	46		1292	48272	HR 2471	A2 V	100	46	5* 12*
1243	45725	5 MonA	B3 Ve	382	4	10 15	1293	48279		A2 V	90	18	
1244	45726/7	β MonBC	B3e	202	4*	12	1294	48279		G8 Ib	126	16	
1245	45813	λ CMa	B5	138	12		1295	48329	ε Gem	G8 Ib	<17	16	
1246	45910	AX Mon	B2:III:?	430	32		1296	48432	13 Lyn	K0 III	<19:	16	
1247	45995	HR 2370	B2 V?e	320	10		1297	48433	30 Gem	K1 III	<19:	16	
1248	46052a	WV Aur	Am	41	12*	33	1298	48434	HR 2479	B0 III	70	18	
1249	46052b		Am	39	12*	33	1299	48682	56 Aur	G0 V	≤6	12	16 37 42
1250	46056	MWC808	O8	175	18	26	1300	48737	γ Gem	F5 III	72	12	14 16 17 37

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1301	BD+0° 1576	09 III:	K3 III	185:	18	18	1351	52960	HR 2649	K3 III	<19:	16	16
1302	48781 57 Aur	K1 III	F7 Ib	<19:	16	19	1352	52973	γ Gem	F7 Ib	19:	17, 21	17, 21
1303	48879 42 Cam	B3 IV	B3 Ia	126	4 15	4 15	1353	53138	δ CMa	B3 Ia	77	4, 12	4, 12
1304	48915 α CMa	A1 V	B8 II	0	2 12 13	2 12 13	1354	53244	γ CMa	B8 II	27	4, 12 15	4, 12 15
1305	49048 HR 2498	A2	B9.5 V	205	5 12	5 12	1355	53257	HR 2659	B9.5 V	345	46	46
1306	49059 HR 2499	A2 V	Am	45	46	46	1356	53704	59 Pup	Am	90	12	12
1307	49147 HR 2502	A0 IV	B9 V	149	5	5	1357	53744	HR 2669	B9 V	160	46	46
1308	49161 17 Mon	K4 III	HR 2678	<19:	16	16	1358	53811	61 Pup	A2m	59	12	12
1309	49229 11 CMa	B8	BO.5 IV	245	12	12	1359	53974	HR 2678	BO.5 IV	168	12 15	12 15
1310	49293 18 Mon	K0 III	Ap	<17	16	16	1360	54118	27 Car	Ap	0	12	12
1311	49340 43 Cam	B7 IV	B1?Ve	188	4 12* 15	4 12* 15	1361	54309	122 CMa	B1?Ve	290	10	10
1312	49520 58 Aur	K3 III	F8 Ia	<19:	16	16	1362	54605	δ CMa	F8 Ia	28	6 16	6 16
1313	49591 31 Pup	B9 IV	O6	173	12	12	1363	54662	HR 2694	O6	95:	18	18
1314	49618/9 14 Lyn	Comp.	K4 II-III	26:	12	12	1364	54716	63 Aur	K4 II-III	<17	16	16
1315	49662 HR 2522	B6 V	K2 III	157	4 10 12 15	4 10 12 15	1365	54719	γ Gem	K2 III	<17	16	16
1316	49898 HR 2527	K4 III	A4 V	<17	16	16	1366	54801	47 Gem	A4 V	80	46	46
1317	49908 36 Gem	A2 V	K0 III	135	5 12	5 12	1367	54810	20 Mon	K0 III	<19:	16	16
1318	49933 HR 2530	df2	B3 V	≤10:	37	37	1368	54893	67 Pup	B3 V	0	12	12
1319	49949 HR 2532	A6 V	AO IV	240	46	46	1369	55057	21 Mon	AO IV	121	12	12
1320	50019 θ Gem	A3 III	B9 V	128	5 12 13 46	5 12 13 46	1370	55111	HR 2710	B9 V	70	46	46
1321	50062 HR 2543	A1.5 V	df6	70	46	46	1371	55130	HR 2711	df6	≤10	37	37
1322	50223 38 Pup	F5 V	AO IV	0	12	12	1372	55185	δ Mon	AO IV	155	5 12 13	5 12 13
1323	50241 α Pic	A5 V	K2 III	140:	12	12	1373	55280	18 Lyn	K2 III	<19:	16	16
1324	50522 15 Lyn	g5 III-IV	GO V	<25	17	17	1374	55575	HR 2721	GO V	≤6	37 42	37 42
1325	50635 38 Gem	F0 Vp	Ap	131	12 17	12 17	1375	55719	70 Pup	Ap	66	12	12
1326	50658 37 Aur	B6 IV-Ve	BO IV	270	38	38	1376	55879	HR 2739	BO IV	31	10 18	10 18
1327	50692 37 Gem	df0	B3 IIIpe	≤3	37 42	37 42	1377	56014	27 CMa	B3 IIIpe	173	1 4 10 12	1 4 10 12
1328	50707 15 CMa	B1 IV	B3 IVe	48	4 12 25	4 12 25	1378	56022	72 Pup	Ap	46	12	12
1329	50747 HR 2572	A4	B3 IVe	70	5 12	5 12	1379	56139	ω CMa	B3 IVe	137	4 10 12	4 10 12
1330	50778 θ CMa	K4 III	A3 III-IV	<19:	16	16	1380	56169	HR 2751	A3 III-IV	222	5 12 13	5 12 13
1331	50877 o <sup>1</sup> CMa	K3 Lab	A4 V	<19:	16	16	1381	56221	64 Aur	A4 V	145	46	46
1332	50931 HR 2584	B9 V	B5	80	46	46	1382	56342	HR 2756	B5	0	12	12
1333	50973 ε CMa	A2 V	B9.5 V	194	12 13 46	12 13 46	1383	56386	HR 2757	B9.5 V	325	46	46
1334	51199 π CMa	df2	A3 V	120	12	12	1384	56405	HR 2758	A3 V	152	5 12	5 12
1335	51285 HR 2595	B5 II-III	A3 V	248	12	12	1385	56537	γ Gem	A3 V	152	5 12 13	5 12 13
1336	51309 ι CMa	B3 II	B2 V	26	4 12 15	4 12 15	1386	56779	80 Pup	B2 V	132	12	12
1337	51530 39 Gem	df4	F2 IV	≤10	37	37	1387	56886	φ Gem	F2 IV	111	12 3 12 16 17	12 3 12 16 17
1338	51557 ι Vol	B6 IV	F8	129:	12	12	1388	57006	HR 2779	F8	≤10	37	37
1339	51688 40 Gem	B8 III	O7f	120:	46	46	1389	57060	UV CMa	O7f	136	1 4 18	1 4 18
1340	51693 HR 2606	A3 V	O9 III	115	46	46	1390	57061	τ CMa	O9 III	120	1 2 4 10 12 18 26	1 2 4 10 12 18 26
1341	51733 HR 2607	df0	B9 V	92	12	12	1391	57102	19 Lyn	B9 V	250	30	30
1342	52018 HR 2616	B3	B8 IV	125	12	12	1392	57103	83 Pup	B8 IV	80	30	30
1343	52089 ε CMa	B2 II	B3 Ve	60	2 4 12	2 4 12	1393	57150	R CMa	B3 Ve	277	12	12
1344	52092 HR 2619	B5	F1 V	36	12	12	1394	57167	84 Pup	F1 V	98	33	33
1345	52266	O9 V	B3 V	303:	18	18	1395	57219	84 Pup	B3 V	124	12	12
1346	52497 ω Gem	G5 II	A2	<19:	16 17	16 17	1396	57240	87 Pup	A2	29	12	12
1347	52670 HR 2640	B5	K0 III	67	12	12	1397	57264	65 Aur	K0 III	<17	16	16
1348	52711 HR 2643	G8 IV	F5	≤6	37 42	37 42	1398	57517	HR 2798	F5	≤10	37	37
1349	52913 HR 2647	A3 V	F8 II	85	46	46	1399	57623	δ Vol	F8 II	0	12	12
1350	52918 19 Mon	B1 V	K0 III	336	4 10 12 15	4 10 12 15	1400	57669	66 Aur	K0 III	<19:	16	16

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1401	57682	HR 2806	O9 V	<20		18	1451	61347		O9 Ib	114		18
1402	57708	HR 2807	F5	≤10		37	1452	61421	α CMi	F5 IV	6		2, 3
1403	57727	57 Gem	G8 III	<19:		16	1453	61429	HR 2944	B8	293:		6
1404	57742	HR 2809	B8 V	0		46	1454	61497	24 Lyn	A3 III	183		12
1405	57744	58 Gem	A1 V	125		46	1455	61555	133 Pup	B6 V	65		5 12* 13
1406	57744	58 Gem	A1 V	125		46	1456	61556	133 Pup	B7 V	100		12 30
1407	57821	HR 2812	B8	117		4 12	1457	61563	HR 2950	B9 V	100		12 30
1408	57917	40 Car	B9	29:		12	1458	61715	142 Pup	F4 Iab	19		46
1409	58142	21 Lyn	A1 IV	14		5 12 13 46	1459	61831	143 Pup	B3	138		12
1410	58187	1 CMi	A4 III	150		5 12 46	1460	61887	HR 2966	B9 V	165		12
1411	58207	1 Gem	KO III	9		14 16	1461	61931	HR 2969	B9 V	183		4 46
1412	58286	163 Cha	B3	29		12	1462	61935	α Mon	KO III	<17		16
1413	58343	165 Cha	B3 Ve	33		10 12 15	1463	62044	ε Gem	K1 III	22		16
1414	58350	6 Cha	B5 Ia	57		12	1464	62226	150 Pup	B2	100		12
1415	58367	6 Cha	G8 III	<17		16	1465	62285	76 Gem	K5 III	<19:		16
1416	58551	HR 2835	dF4	≤10:		37	1466	62345	α Gem	G8 III	8		14 16
1417	58552	HR 2836	A2 V	20		46	1467	62509	ρ Gem	KO III	<17		16
1418	58552	HR 2844	B8 V	35		46	1468	62510	79 Gem	AO V	90		46
1419	58715	β CMi	B8 Ve	270		12* 13 38	1469	62623	3 Pup	A3 IIpe	68		5 12
1420	58728	65 Gem	F5 IV-V	38		12 37 42	1470	62721	81 Gem	K5 III	<17		16
1421	58855	22 Lyn	F6 V	12		12 16 42	1471	62832	11 CMi	A1 V	249		5 12 46
1422	58923	γ CMi	FO	67		5 12	1472	62952	4 Pup	FO	100		12
1423	58946	ρ Gem	F0 V	63		12 16 17	1473	63332	HR 3028	dF6	≤6		42
1424	58972	γ CMi	K3 III	<17		16	1474	63336	5 Pup	dF5	55		6
1425	58978	177 Cha	B0 IV?pe	244		18	1475	63465	187 Pup	B3	53		12
1426	59037	64 Gem	A6 V	202		5 12	1476	63598	187 Pup	B3 V	154		12
1427	59148	65 Gem	K2 III	<17		16	1477	63588	HR 3039	B9 V	325		46
1428	59294	6 CMi	K2 III	<19:		16	1478	63589	HR 3040	Am	25		46
1429	59380	HR 2866	dF9	≤10		37	1479	63922	199 Pup	B0.5 III	25		12
1430	59612	97 Pup	A5 Ib	26		5 12 20	1480	63975	τ CMi	B8	35		4 12
1431	59635	98 Pup	B3 IV	38		12	1481	64096	9 Pup	G1 V	<17		16
1432	59881	δ CMi	A5	75		5 12	1482	64145	♀ Gem	A3 V	152		5 12 13
1433	59984	HR 2883	F5	≤10		37	1483	64235	HR 3072	dF5	20:		12
1434	60107	68 Gem	A1 V	163		5 12 46	1484	64379	212 Pup	F5 V	30:		12
1435	60178	α GemB	Am	28		1 2 5 12 13 30 46	1485	64486	HR 3082	AO	35		5 12
1436	60179	α GemA	A1 V	12		1 2 5 12 13 30 46	1486	64491	HR 3083	A3 IV	70		46
1437	60275	HR 2893	B9.5 V	135		46	1487	64503	214 Pup	B3 IV	221		12
1438	60318	HR 2892	KO III	<19:		16	1488	64648	85 Gem	B9.5 V	68		5 12 46
1439	60522	υ Gem	MO III	<19:		16	1489	64740	216 Pup	B2 III	274		12
1440	60532	108 Pup	F7 IV	0		12	1490	64760	218 Pup	B1 Ib	259		12
1441	60606	115 Pup	B3? Ve	297		12	1491	64802	217 Pup	B3	81:		12
1442	60803	HR 2918	F8	≤10		37	1492	65228	11 Pup	F8 II	16 19		16 19
1443	60848	MM184	O8 V:pe	362:		18	1493	65241	HR 3103	B8.5 V	70:		46
1444	60855	HR 2921	B2 IV?e?	240:		10	1494	65345	14 CMi	KO III	<19:		16
1445	60863	119 Pup	B8	222		12	1495	65456	225 Pup	A2 V	12		12
1446	61064	25 Non	F5 III	20		12 16	1496	65460	227 Pup	B5	146:		12
1447	61110	o Gem	F3 III	89		12 17	1497	65551	228 Pup	B5	0		12
1448	61219	HR 2931	A2 V	110		46	1498	65575	α Car	B2 IV	98		12
1449	61224	HR 2932	B8 IV-Ve	250		38	1499	65626	HR 3119	dF8	12		37
1450	61330	127 Pup	B8 V	80		12	1500	65695	27 Mon	K2 III	<19:		16

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1501	65810	232 Pup	A3 V	177		5	1551	71115	HR 3306	G8 II	<19:		16
1502	65818	V Pup	B2	203:		12	1552	71118	HR 3309	B3n	118		37
1503	65873	5 Cnc	B9 V	185		46	1553	71150	9 <sup>a</sup> Cnc <sup>B</sup>	A5 IV	118		30 46
1504	65925	234 Pup	dF6	125		16	1554	71151	9 <sup>a</sup> Cnc <sup>A</sup>	A4 III	137		30 46
1505	65953	28 Mon	K4 III	<19:		16	1555	71155	HR 3314	AO V	122		5 12 13
1506	66011	HR 3144	F5	12		37	1556	71243	$\alpha$ Cha	F6 IV	0		12
1507	66141	HR 3145	K2 III	<19:		16	1557	71297	2 Hya	dF0	37		5 12
1508	66216	$\alpha$ Gem	K2 III	<19:		16	1558	71369	o UMa	G5 III	17		16 17
1509	66552	HR 3158	B9.5 V	50:		46	1559	71433	HR 3325	F5	12		37
1510	66591	77 Car	B3 IV	0		12	1560	71459	HR 3326	dB3	24		12
1511	66624	246 Pup	B9 si	104		12	1561	71496	28 Cnc	A7 IV	46		46
1512	66664	8 Cnc	AO IV	150		5 12 46	1562	71510	HR 3330	B3n	158		12
1513	66811	$\xi$ Pup	O5f	185:		18	1563	71595	29 Cnc	A5 V	120		46
1514	67006	27 Lyn	A2 V	168		46	1564	71906	HR 3348	B8 V	50		46
1515	67228	H Cnc	G2 IV	<10		16 37	1565	71939	30 Vel	dF3	122		12
1516	67447	55 Cam	G8 II	<19:		16	1566	72037	2 UMa	Am	42		5 12
1517	67456	252 Pup	Am	0		12	1567	72108	35 Vel	B2 III	66		12
1518	67483	12 Cnc	dF3	40		37	1568	72127	32 Vel	dB3	163		12
1519	67523	$\rho$ Pup	F6 IIp	14		12 14 16 17 19	1569	72291	32 Lyn	dF1	20:		37
1520	67536	HR 3186	B4 V	292		12	1570	72310	HR 3367	AO	38		12
1521	67594	$\xi$ Mon	G2 Ib	<17:		16 17	1571	72359	34 Cnc	AO V	20		46
1522	67797	16 Pup	B5 V	188		4 10 12 15	1572	72779	35 Cnc	G0 III	95		22 37*
1523	67827	HR 3193	G0	<10		37	1573	72846		A5	140		22
1524	67934	HR 3197	B9.5 V	200		46	1574	72905	$\pi$ UMa	G0 V	4		37 42
1525	68099	HR 3201	B7 III	50:		46	1575	72942		A2	58		22 43
1526	68217	7 Vel	B3	194		12	1576	BD+19 <sup>a</sup>	2045	F6	20		22 43
1527	68243	HR 3206	B3	160		12	1577	73045		Am	<20		22 43
1528	68257	$\zeta$ Cnc	F8 V	0		3 12	1578	73081		F8	40		22 43
1529	68290	19 Pup	K0 III	<17		16	1579	73108	$\pi$ <sup>a</sup> UMa	K2 III	<17		16
1530	68312	HR 3212	G8 III	<19:		16	1580	BD+19 <sup>a</sup>	2050	F6	<45		22
1531	68324	10 Vel	B3 V	188		12	1581	73161		F0	159		22 43
1532	68351	15 Cnc	A7	0:		46	1582	73174		Am	29		22 43
1533	68456	82 Car	F5	0		12	1583	73175		F0	162		22 43
1534	68520	$\epsilon$ Vel	B5 V	0		12	1584	73210		A5	72		22 43
1535	68601	268 Pup	A3p	0		12	1585	73262	$\delta$ Hya	AO V	262		5 12 13 46
1536	68930	29 Lyn	A5 IV	96		5 46	1586	73345		F0	96		22 43
1537	68980	274 Pup	B3ne	167		12	1587	73390	95 Car	B3 V	181		12
1538	69081	276 Pup	dB5	211		12	1588	73397		F4	105		22 43
1539	69144	15 Vel	B5	57		12	1589	73429		F5	88		22 43
1540	69267	$\beta$ Cnc	K4 III	<17		16	1590	73430		A9	73		22 43
1541	69863	84 Car	A2	199:		12	1591	BD+20 <sup>a</sup>	$\epsilon$ UMa	F7	20:		43 22*
1542	69897	$\alpha$ Cnc	F6 V	0		12 16 42	1592			F7	20:		43
1543	70011	$\lambda$ Cnc	B9 V	100		46	1593	73449		A9	235		22* 43
1544	70060	289 Pup	A7 III	104		12	1594	73450		A9	132		22 43
1545	70110	HR 3271	G0	<10		37	1595		KW-155	F6	30	5	22 43
1546	70272	31 Lyn	K5 III	<19:		16	1596	73471	$\epsilon$ Hya	K2 III	<17		16
1547	70556	295 Pup	B3	71		12	1597	73495	$\gamma$ Pyx	AO	203		12
1548	70930	26 Vel	B1 V	169		12	1598	73574		A5	97		22 43
1549	70958	1 Hya	dF2	35		42	1599	73575	38 Cnc	FO III	158		22 43
1550	71046	$\kappa$ Vel	B9	50		12	1600	73576		A7	210		22 43

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1601	73597		F6	45	22	43	1651	74186		F8	32		22 43
1602	73598		K0 III	<45	22	43	1652	74195	o Vel	B3 V	0		12
1603	73616		F2	131	22	43	1653	74198	γ Cnc	A1 V	91		5 12 13
1604	73617		F5	127	22	43	1654	74243	HR 3451	F2	20		37
1605	73618		Am	62	22	43	1655	74272	58 Vel	A5 II	20		12
1606	73619		Am	135	22	43	1656	74280	γ Hya	B3 V	132		4 12 15
1607	73634	48 Vel	A9 II	1	12	43	1657	74371	59 Vel	B5 Iab	47		12
1608	73640		F6	32	22	43	1658	74375	99 Car	B2 III	72		12
1609	BD+20° 2157		F6	120	22	43	1659	74395	HR 3459	G2 Ib	<17		16 17
1610	73641		F6	15	22	43	1660	74405	θ Vel	A0	82		12
1611	73665	39 Cnc	K0 III	0	22	43	1661	74444	♃ Cnc	K0 III	<17		16
1612	73666	40 Cnc	A1	≤40	22	43	1662	74455	HR 3462	B3 V	285		12
1613	73673	KW-268	F9	20	5	43	1663	74560	HR 3467	B5 IV	0		12
1614	BD+20° 2161		F2	86	22	43	1664	74575	α Pyx	B2 II	1		4 12
1615	73709	KW-275	G0	≤20	5	43	1665	74591	10 Hya	A6 V	115		46
1616	73709		Am	<45	22	43	1666	74738	ι Cnc B	A3 V	200		30
1617	73710	HR 3428	K0 III	<45	22	43	1667	74739	ι Cnc A	G8 II	<19:		16 30
1618	73711		Am	57	22	43	1668	74753	63 Vel	B0 V	288		12
1619	73712		A9	55	22	43	1669	74874	ε Hya	G0 III	19		4 12 14 16 17
1620	73729		F2	168	22	43	1670	74918	12 Hya	G8 III	<17		16
1621	BD+20° 2170		F6	95	22	43	1671	74988	HR 3486	A2	170		5 12
1622	73730		Am	30	22	43	1672	75063	66 Vel	A0 III	0		12
1623	73731	ε Cnc	Am	87	22	43	1673	75137	♁ Hya	A0 V	150		5 12 13
1624	73746		F0	95	22	43	1674	75311	HR 3498	B2 Ve	295		12
1625	73763		A9	130	22	43	1675	75332	HR 3499	df7	11		37 42
1626	73785	42 Cnc	A9 III	110	22	43	1676	75333	14 Hya	Ap	19		4 12
1627	73798		F0	166	22	43	1677	75416	γ Cha	B9 IV	301		12
1628		KW-341	F8	≤20	5	43	1678	75506	♁ Lyn	K0 III	<17		16
1629	BD+19° 2074		F6	35	22	43	1679	75528	54 Cnc	dg2	≤10		37
1630	73818		Am	84	22	43	1680	75698	ε' Cnc	Am	65		46
1631	73819		A6	140	22	43	1681	75710	76 Vel	A2	77		12
1632	73840	6 Hya	K4 III	<19:	16	43	1682	75811	HR 3526	A4 III	80		46
1633	73894		F5	116	22	43	1683	75821	78 Vel	B0 III	63		46
1634	73872		A5	156	22	43	1684	75896	HR 3528	A3 III	50		46
1635	73890		A7	141	22	43	1685	76113	HR 3536	B8	19		12
1636	BD+21° 1891		F6	<45	22	43	1686	76143	HR 3537	ε' P4	106		12
1637	73937		F4	<45	22	43	1687	76151	HR 3538	dg5	≤6		37 42
1638	BD+20° 2183		F6	<45	22	43	1688	76219	ε' Cnc	G8 II-III	<19:		16
1639	73974		K0 III	<45	22	43	1689	76294	ξ Hya	K0 III	<17		16
1640		KW-421	F9	≤20	5	43	1690	76360	84 Vel	Am	99		12
1641	73993		F2	195	22	43	1691	76369		B	50		30
1642	73994		F5	23	22	43	1692	76370	17 Hya A	A3	≤25		30
1643	74028		A9	180	22	43	1693	76398	ε' Cnc	A3	144		5 12
1644	74050		A9	142	22	43	1694	76483	δ Pyx	A3 V	90		12
1645		KW-458	A9	20	43	43	1695	76543	o Cnc	A4 IV	94		46
1646	74058		F3	130	22	43	1696	76572	61 Cnc	df3	≤10		37
1647	74067	50 Vel	B9 V	0	12	46	1697	76582	63 Cnc	A7 V	113		12 46
1648	BD+20° 2193		F6	<45	22	43	1698	76644	ι UMa	A7 V	138		2 5 12 17 46
1649	74137	9 Hya	K1 III	<19:	16	43	1699	76756	α Cnc	Am	73		5 12 17
1650	74180	53 Vel	F2 Ia	38	12	43	1700	76805	88 Vel	B5 V	0		12



No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1701	76932	HR 3578	F9 V	0	11	11	1751	80441	HR 3701	F3 V(C2sp)	≤10:	37	37
1702	76945	10 UMa	B5 V	26	3	6	1752	80499	26 Hya	G8 III	<19:	16	16
1703	77002	109 Car	B3 IV	0	12	12	1753	80586	27 Hya	G8 III-IV	<19:	16	30
1704	77140	90 Vel	FO III	59	12	12	1754	80550	F5 V	F5 V	≤60	30	30
1705	77190	67 Cnc	F8 IV	105	46	46	1755	80671	HR 3712	df5	0	12	12
1706	77258	91 Vel	F8 IV	0	12	12	1756	80951	HR 3720	A0	0	12	12
1707	77309	HR 3592	A1 V	110	46	46	1757	81146	x Leo	K2 III	<19:	16	16
1708	77327	x UMa	B9 IV	219	5	12	1758	81157	HR 3732	A3m	34	12	12
1709	77350	x Cnc	Ap	38	5	12	1759	81188	x Vel	B2 IV	31	12	12
1710	77370	110 Car	df4	66	12	12	1760	81797	α Hya	K3 III	<17	16	16
1711	77475	93 Vel	B5	0	12	12	1761	81809	HR 3750	G2 V	≤10	16	37
1712	77557	70 Cnc	A0 V	180	46	46	1762	81817	HR 3751	K3 III	<19:	16	16
1713	77653	94 Vel	B9si	0	12	12	1763	81848	HR 3753	B5	201	12	12
1714	77692	HR 3608	A0 IV	55	46	46	1764	81937	23 UMa	FO IV	140	12	17
1715	77800	φ UMa	K5 III	<19:	16	16	1765	81997	τ Hya	F6 V	28	12	16
1716	77912	HR 3612	G8 Ib-II	<19:	16	16	1766	82210	24 UMa	G2 IV	<19:	16	17
1717	77996	ω Hya	K2 II-III	<19:	16	16	1767	82308	λ Leo	K5 III	<17	16	16
1718	78045	α Vel	A5 V(m?)	27	12	12	1768	82328	θ UMa	F6 IV	13	3	6
1719	78154	φ <sup>2</sup> UMa	F7 IV-V	0	12	16	1769	82381	6 Leo	K3 III	<17	16	16
1720	78209	15 UMa	Am	38	5	12	1770	82395	ξ Leo	K0 III	<19:	16	16
1721	78235	τ Cnc	G8 III	<19:	16	16	1771	82434	ψ Vel	F2 IV	201:	12	12
1722	78316	x Cnc	Ap	18	1	4	1772	82446	τ <sup>2</sup> Hya	A3 III	70	5	12
1723	78362/3	τ UMa	Am	18	12	16	1773	82543	HR 3794	F5	≤10	37	17
1724	78366	HR 3625	dG0	<3	37	42	1774	82554	ι Cha	df2	123	12	12
1725	78515	γ Cnc	K0 III	<17	16	16	1775	82621	26 UMa	A2 V	180	5	12
1726	78556	19 Hya	B8	172	4	4	1776	82635	10 LMi	G8 III	<19:	16	16
1727	78764	115 Car	B2 Ve	111	12	12	1777	82741	HR 3809	K0 III	<19:	16	16
1728	78791	116 Car	F6 II-III	53	12	12	1778	82885	11 LMi	G8 IV-V	<17	16	16
1729	78922	ε Pyc	Am	129	12	12	1779	83038	HR 3819	B5	207	12	12
1730	78935	HR 3645	A6 Vm	90	46	46	1780	83183	HR 3825	B5 II	0	12	12
1731	79028	16 UMa	df9	0	12	37	1781	83240	10 Leo	K1 III	<17	16	16
1732	79108	HR 3651	B9 V	150	46	46	1782	83287	42 Lyn	A5	96	5	12
1733	79158	36 Lyn	A1	29	4	12	1783	83425	HR 3834	K5 III	<19:	16	16
1734	79186	103 Vel	B3 Ia	31	12	12	1784	83446	148 Vel	df5	137	12	12
1735	79351	117 Car	B2 IV	0	12	12	1785	83506	27 UMa	K0 III	<19:	16	16
1736	79354	17 UMa	K5 III	<19:	16	16	1786	83618	ι Hya	K3 III	<17	16	16
1737	79416	HR 3661	B8 V	384	12	12	1787	83754	x Hya	B5 V	185	4	10
1738	79439	18 UMa	A5 V	171	5	12	1788	83805	43 Lyn	G8 III	<19:	16	16
1739	79447	HR 3663	B3 IV	0	12	12	1789	83808	o Leo	Comp.	24	6	12
1740	79469	θ Hya	A0 Vpec	86	5	12	1790	83869	HR 3854	B9.5 V	105	46	46
1741	79735	HR 3674	B5 V	201	12	12	1791	83944	150 Car	B9 V	68	12	12
1742	79837	ξ Oct	FO III	81	12	12	1792	83951	13 LMi	df1	12	37	37
1743	79910	23 Hya	K2 III	<19:	16	16	1793	83953	174 Hya	B5 V	358	10	12
1744	79931	24 Hya	B9	121	4	4	1794	83979	ξ Cha	B5 IV	88	12	12
1745	79940	117 Vel	F5 IV-V	100	12	12	1795	84121	HR 3863	A2	39	12	12
1746	80007	ρ Car	A1 IV	167	12	12	1796	84441	ε Leo	G0 II	<17	16	17
1747	80064	HR 3689	A3 V	60	46	46	1797	84461	HR 3875	A0 V	16	12	16
1748	80081a	38 Lyn a	A1 V	165	5	12	1798	84737	HR 3881	G2 V	≤10	16	37
1749	80081b	38 Lyn b	A4 V	190	5	12	1799	84816	HR 3886	B3 V	114	12	12
1750	80404	ι Car	FO Ib	0	12	12	1800	84999	ν UMa	F2 IV	104	3	6

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1801	85123	v Car	A7 II	0		12	1851	89904	27 LMI	A4 V	120		46
1802	85235	v UMa	A3	5 12		5 12	1852	90089	HR 4084	F5 IV	107		12 16
1803	85355	HR 3898	B8	130:		12	1853	90132	HR 4086	A4	208		12
1804	85376	22 Leo	A5 V	119		5 12	1854	90264	HR 4089	B8	79:		12 17
1805	85380	HR 3901	G0	≤10		16	1855	90277	30 LMI	F0 V	31		16
1806	85444	v Hya	G8 III	<19:		16	1856	90432	κ Hya	K4 III	<19:		16
1807	85503	κ Leo	K2 III	<17		16	1857	90508	HR 4098	G1 V	≤10		37
1808	85558	γ Sex	A0n	114		5 12	1858	90537	β LMI	G8 III-IV	<19:		16
1809	85795	31 UMa	A2	147		5 12	1859	90569	45 Leo	Ap	50		46
1810	86146	19 LMI	F5 V	0	12 16 42	12	1860	90589	193 Car	F3 IV-V	98		46
1811	86560	v Leo	B9.5 V	96	5 12 46	5 12 46	1861	90745	HR 4108	A5 V	105		46
1812	86440	γ Vel	B5 I-II	33		12	1862	90772	195 Car	F0 Ia	42		12
1813	86728	20 LMI	G2 V	≤10		37	1863	90839	36 UMa	F8 V	0		12 16 17 37 42
1814	87141	HR 3954	dF4	10		42	1864	90840	32 LMI	A4 III	70		46
1815	87243	HR 3958	A2 V	120		46	1865	90853	196 Car	F0 II	22		12
1816	87330	HR 3963	A1 V	50		30	1866	90882	δ Sex	B9	191		4 12
1817	87344	HR 3965	A0 III-IV	≤25		30	1867	90972	δ Ant	B9	0		12
1818	87504	v Hya	B8 III	76	4 12 13	4 12 13	1868	90994	ε Sex	B6 V	124		4 12 15
1819	87696	21 LMI	A7 V	157	5 12 17	5 12 17	1869	91120	HR 4123	B9 IV-Ve	330		38
1820	87737	7 Leo	A0 Ib	18	2 12 13 20 46	2 12 13 20 46	1870	91150	33 LMI	A0 IV	125		46
1821	87822	HR 3979	F5	8	37 42	37 42	1871	91190	HR 4126	K0 III	<19:		16
1822	87837	31 Leo	K4 III	<19:		16	1872	91244	A7 V	A7 V	140		45
1823	87884	α Sex	K0 Vb	≤25		30	1873	91312	HR 4132	A7 IV	132		12 17 46
1824	87887	α Sex	A0 III	9	5 12 13	5 12 13	1874	91316	ρ Leo	B1 Ib	69		5 46
1825	87901	α Leo	B7 V	354	4 12 13 30 39 46*	4 12 13 30 39 46*	1875	91365	34 LMI	A2 V	153		12
1826	87971	κ Cha	A0	76		12	1876	91375	HR 4138	A2m	0		12
1827	88206	HR 3990	B2 V	217		12	1877	91465	HR 4140	B5 Ve	356		12
1828	88215	HR 3991	F5 V	148		12 16	1878	91480	37 UMa	F1 V	79		12 23
1829	88284	λ Hya	K0 III	<19:		16	1879	91612	48 Leo	G8 II-III	<19:		16
1830	88737	HR 4012	F5	13	37 42	37 42	1880	91752	35 LMI	dF3	8		37 42
1831	88824	HR 4017	A5	163		12	1881	92125	37 LMI	G2 II	<19:		16 17
1832	88849	HR 4021	Am	≤25		30	1882	92139	HR 4167	Comp.	0		12
1833	88850	ADS7705B	Am	≤25		30	1883	92207	HR 4169	A0 Ia	0		12
1834	88955	191 Vel	A2 V	98		12	1884	92214	γ Hya	K0 III	<17		16
1835	88960	23 LMI	A0 V	139	5 12*	5 12*	1885	92278		A3 IV	250		45
1836	88981	HR 4025	Am	24		12	1886	92400		A5 V	60		42
1837	88983	32 UMa	A4 V	100		46	1887	92424	38 UMa	K2 III	<19:		16
1838	88986	24 LMI	dG0	≤10		37 42	1888	92523	HR 4181	K3 III	<19:		16
1839	89010	35 Leo	dG2	≤6	37 42	37 42	1889	92539		A5 V	100		45
1840	89021	λ UMa	A2 IV	48	5 12 13 46	5 12 13 46	1890	92572		Am	100		45
1841	89025	v Leo	F0 III	82	6 12 14 17 16	6 12 14 17 16	1891	92728	39 UMa	B9 V	40		46
1842	89125	39 Leo	dF3	≤6	37 42	37 42	1892	92764	40 LMI	A7 V(m?)	130		45
1843	89254	ε Sex	F1 III	76		12	1893	92769		A5 V	162		5 46
1844	89389	HR 4051	F8	≤6	37 42	37 42	1894	92787	HR 4191	dF0	52		6 12
1845	89449	40 Leo	F6 IV	16	11 12 16 17 37 42	11 12 16 17 37 42	1895	92825	41 LMI	A2 V	154		5 12 46
1846	89484	γ Leo	A0	<17		16	1896	92840		A7 V	140		45
1847	89571	HR 4062	A6 V	105		46	1897	92845	HR 4194	A0	131		12
1848	89744	HR 4067	dF6	8	37 42	37 42	1898	92938	HR 4196	B3 V	220		12
1849	89822	HR 4072	Ap	17	1 5 13	1 5 13	1899	92941	HR 4197	A4 V	175		46
1850	89890	HR 4074	B3 IV	24		12	1900	92964	HR 4198	E3 Ia	70		12

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
1901	93030	ø Car	B0 Vp			12	1951	95884	F2 V		120	45	45
1902	93044	A7 III	A7 III	100		45	1952	96097	A2 III-IV		25	12	17
1903	BD+50°1766	A3 V	A3 V	100		24	1953	96113	HR 4311		202	12	
1904	93152	42 LMi	B9 V	80		46	1954	96202	ø Hya	F7 V	186	12	
1905	93194	HR 4205	B5 V	330		12	1955	96514	ø Hya	B8	193	12	
1906	93427	HR 4215	B9 V	170		46	1956	96616	HR 4327	Ap	56	12	
1907	93521	HR 4221	B8	303		18	1957	96819	HR 4334	Ap	227	12	
1908	93563	HR 4222	B4 IV	218		12	1958	96833	ø UMa	K1 III	<19:	16	
1909	93607	HR 4222	B4 IV	204		12	1959	96918	HR 4337	GO Ia	23	12	
1910	93702	53 Leo	A2 V	191		5 12* 46	1960	96919	HR 4338	B9 Ia	0	12	
1911	93765	44 LMi	dA8	≤10		37	1961	96951	A1 V		50	45	
1912	93813	γ Hya	K2 III	<17		16	1962	97034	A3 V		120	45	
1913	93845	δ Cha	B3 V	0		12	1963	97273	ø Cr t	A2 III-IV	61	12	
1914	94118		A3 V	110		45	1964	97333	A2 V (m?)		70	45	
1915	94180	HR 4244	A2 IV	75		46	1965	97334	HR 4345	GO V	≤6	37	42
1916	94247	44 UMa	K3 III	<19:		16	1966	97495	HR 4350	A3m Ia	128	12	
1917	94563		A4 V	200		45	1967	97531	HR 4352	FO Ia	34	12	
1918	94584	46 LMi	K0 III-IV	<19:		16	1968	97583	HR 4355	B9 V	206	12	
1919	94334	ω UMa	A1 V	26		1 5 13	1969	97585	69 Leo	AO	177	5 12	
1920	94367	HR 4250	AO Ia	41		12	1970	97603	ø Leo	A4 V	179	2 5 12 17 46	
1921	94388	HR 4251	F6 V	14		12 16	1971	97633	ø Leo	A2 V	14	5 12 13 46	
1922	94479		Am	≤40		45	1972	97855	HR 4363	dF2	≤6	42	
1923	94480	48 LMi	A8 V(m?)	140		46	1973	97907	73 Leo	K3 III	<19:	16	
1924	94600	46 UMa	K1 III	<19:		16	1974	97991	B2 V		170	35	
1925	94601	54 Leo	AO V	182		30 46 5*	1975	98058	ø Leo	A7 IV	234	5 12 17	
1926	94602		A1 V	233		46	1976	98152	AO V	AO V	170	45	
1927	94763		Am	≤40		45	1977	98154	A3 V		120	45	
1928	94779		Am	60		45	1978	98230	B	GO V	<19:	16	3* 12* 17*
1929	BD+44°2143		Am	≤50		24	1979	98231	U Ma A		<17	16	
1930	94938		A7 V	120		45	1980	98262	U Ma	K3 III	<19:	16	
1931	BD+41°2144		Ap	≤50		24	1981	98353	55 UMa	A2 V	47	1 5 12	
1932	95126	47 UMa	AO V	130		45	1982	98430	δ Cr t	G8 III-IV	<19:	16	
1933	95128	47 UMa	GO V	≤3		16 37 42	1983	98664	ø Leo	B9 V	67	5 12 13	
1934	95216	HR 4281	F5 III	8		37 42	1984	98673	HR 4388	A3 V	190	46	
1935	95241	HR 4285	dG0	6		37 42	1985	98696		A3 III	120	45	
1936	95256	HR 4286	A2 Vm	50		46	1986	98710	Am	Am	70	45	
1937	95272	α Cr t	K0 III	<19:		16	1987	98718	α Cen	B6 V	350	12	
1938	95310	49 UMa	F0m	72		12	1988	98772	HR 4391	A1 V	160	46	
1939	95345	58 Leo	K1 III	<19:		16	1989	98839	56 UMa	G8 II	<19:	16	
1940	95370	HR 4293	A2 IV	112		12	1990	98840	A2 III-IV		120	45	
1941	95382	59 Leo	A5 V	71		12	1991	98989	AO V	AO V	160	45	
1942	95418	ø UMa	A1 V	43		5 12 13 23 46	1992	98991	λ Cr t	F5 IV	14	12 16	
1943	95578	61 Leo	K5 III	<19:		16	1993	99028	ι Leo	F2 IV	16	3 6 12 17 37	
1944	95608	60 Leo	Am	27		5 12 13	1994	99052		A2 III	220	45	
1945	95658		Am	70		45	1995	99104	HR 4401	B5	78	12	
1946	95689	α UMa	K0 III	<17		16	1996	99167	HR 4401	K5 III	<19:	16	
1947	95735		M2 V	58		6	1997	99211	γ Cr t	A5 V	99	5 12	
1948	95768(ft)		Am	75		24	1998	99285	81 Leo	dF2	30	45	
1949	95768(br)		G8 III-IV	≤50		24	1999	99302		Am	≤40	45	
1950	BD+33°2070		A1 Vp?	≤50		24	2000	99373	HR 4412	F5 V	≤6	37 42	

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2001	99453	HR 4413	dF8	84		12	2051	102510	4 Vir	A0	68		5 12
2002	99596	HR 4415	B5 IV	205		12	2052	102574	HR 4529	G0	≤10		37
2003	99632		A3 V(m)	≤40		45	2053	102589		A2 V	140		45
2004	99648	τ Leo	G8 II-III	<19:		16	2054	102634	HR 4533	F8	≤6		37 42
2005	99787	57 UMa	A1 V	176		5 12	2055	102647	β Leo	A3 V	123		2 5 12 13 46
2006	99803	HR 4423	B9	0		12	2056	102776	HR 4537	B3 Ve	270		12
2007	99831		Am	56		24 45	2057	102870	θ Vir	F8 V	0		3 12 16 17 37 42
2008	99900		A7 IV	80		45	2058	103079	HR 4549	B4 IV	49		12
2009	99914		Am	60		45	2059	103287	γ UMa	A0 V	165		5 12 13 23 38 46
2010	99966		A0 V	100		45	2060	103485	65 UMa A	A5 V	150		30
2011	99984	58 UMa	dF5	≤6		37 42	2061	103498		A2p	≤25		30
2012	99998	87 Leo	K4 III	<19:		16	2062	103578	95 Leo	A3 V	54		1 5 46
2013	100180	88 Leo	dF7	≤10		37	2063	103632	γ Cr1	A0 V	93		5 12
2014	100203	HR 4439	F6 V	0		12 16	2064	103799	HR 4572	F6 V	7		42
2015	100262	α Cen	A2 Ia	0		12	2065	103884	HR 4573	B3 V	162		12
2016	100311		A3 V	180		45	2066	103966		A3 V(m?)	100		45
2017	100493	41 Cen	A2	137		12	2067	104174	ε Cha	B9 V	205		12
2018	100563	89 Leo	dF5	14		37 42	2068	104181	7 Vir	A0	78		5 12
2019	100600	90 Leo	B3 V	117		4	2069	104204		Am	≤40		45
2020	100673	42 Cen	B8.5 V	191		12	2070	104241		A2 V(m?)	120		45
2021	100679		Am	≤40		45	2071	104321	π Vir	A3 V	69		5 12 17 46
2022	100696	2 Dra	K0 III	<19:		16	2072	104337	HR 4590	B1.5 V	138		1 4 12 15
2023	100825	HR 4466	F0 V	43		12	2073	104366		A3 V	120		45
2024	100843		A7 V	130		45	2074	104513	67 UMa	Am	98		5 12
2025	100889	θ Cr1	B9 V	192		12 17	2075	104671	θ Cr1	Am	0		12
2026	100920	v Leo	G9 III	<19:		16	2076	104731	HR 4600	F4 V	0		12
2027	101107	59 UMa	A7n	51		6	2077	104841	θ Cr1	B2 IV	23		12
2028	101108		A5pec.	100		45	2078	104878	HR 4604	A0 V	187		12
2029	101189	54 Cen	B9 IV	0		12	2079	BD+32°2217		Am	≤50		24
2030	101320a	ADS8256	A3 V+G0:	≤40		45	2080	104957		Am	≤40		45
2031	101320b		A3 V+G0:	≤40		45	2081	104979	o Vir	G8 III	<19:		16
2032	101393		Am	≤40		45	2082	105058		A2pec.	130		45
2033	101431	o Hya	B9	188:		12	2083	105199		A2 V	≤40		45
2034	101484	92 Leo	K0 III	<17		16	2084	105211	γ Cru	F0 III	58		12
2035	101501	61 UMa	G8 V	<17		16	2085	105382	HR 4618	B6 III-IV	149		12
2036	101549		A3 V	140		45	2086	105388		A0 V	130		45
2037	101606	62 UMa	F4 V	≤10		37	2087	105435	δ Cen	B2?V2pe	215		12
2038	101615	HR 4502	K5 III	0		12	2088	105452	α Crv	F2 IV	16		12
2039	101675	3 Dra	A2 V	<17		16	2089	105521	HR 4625	B3	204		12
2040	101968		A2 V	≤40		45	2090	105601		Am	50		45
2041		NGP-23	sd F-G	≤50		24	2091	105805	HR 4653	A4 V	172		34 46
2042	102070	γ Cr1	G8 III	<19:		16	2092	105850	3 Crv	B2	124		12
2043	102124	1 Vir	A5	158		5 12	2093	105937	ρ Cen	B4 V	147		12
2044	102224	γ UMa	K0 III	<19:		16	2094	106103		F5 V	≤12		34
2045	102232	HR 4519	B8	56		12	2095	106112	HR 4646	Am	69		1 5 12
2046	102249	λ Mus	A5 V	66		12	2096	106223		Am	100		24
2047	102328	HR 4521	K3 III	<19:		16	2097	106420	δ Cru	B7 V	≤40		24 45
2048	BD+32°2188	Hor-brensch	A2 V	≤50		24	2098	106490		B2 IV	218		12
2049	102481		A2 V	120		45	2099	106516	HR 4657	F6 V	8		11 37 42
2050	102509	93 Leo	Comp.	0:		12 17	2100	106557		A2 V	120		45

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2101	106591	J UMa	A3 V	177		2 5 12 13 23 46	2151	108250	25 Cru	B4 IV	137		12
2102	106625	γ Crv	B8 III	41		2 4 12	2152	108283	14 Com	F0p(shell)	227		34 39
2103	106661	6 Com	A2 V	170		5 12 46	2153	108381	γ Com	K1 III-IV	<17		16
2104	106691		F2 V	30			2154	108382	16 Com	Am	89		5 12 34
2105	106714	7 Com	K0 III	<17		16	2155	108408		Am	≤40		45
2106	106760	HR 4668	K1 III	<17		16	2156	108483	σ Cen	B3 V	231		12
2107	BD+25°2478		A0 V	200		24	2157	108486		Am	30		34
2108	106784		A3 IV	130		45	2158	108541	HR 4748	B8	174		12
2109	106911	β Cha	B6 V	230:		12	2159	108642	HR 4750	Am	≤12		34
2110	106946		F2 V	50		34	2160	108651	HR 4751	Am	≤12		30 34
2111	106983	ε Cru	B3 IV	188		12	2161	108660		A2 V	250		45
2112	106999	Am	Am	60		45	2162	108662	17 ComA	Ap	19		12 30 34
2113	107054	HR 4680	A9.5 III	135		46	2163	108722	18 Com	F5 III	104		12 14 16 37*
2114	107067		F8 V	≤12		34	2164	108767	φ Crv	B9 V	148		5 12
2115		NGP-122	sd-F	≤75		24	2165	108844	74 UMa	A5	87		5 12
2116	107131	HR 4684	A5 V	175		34	2166	108845	7 CVn	dF6	≤10		37
2117	107132		GO V	12		34	2167	BD+37°2284		Am	100		24
2118	107168	8 Com	Am V	≤12		34	2168	108945	21 Com	Ap	55		34
2119	107193	HR 4687	B9 V	217		5 12* 46	2169	108954	HR 4767	dF7	≤6		37 42
2120	107213	9 Com	F7 V	8		37 42	2170	108976		GO V	12		34
2121	107259	γ Vir	A2 V	12		1 5 12 13	2171	109026	γ Mus	B5 V	278		12
2122	107276		A6 IV-V(m?)	95		34	2172	109030		Ap	56		24 45
2123	107326	HR 4694	FO III-IV	125		46	2173	109068		F7 V	100:		24
2124	107328	16 Vir	K0 III	<19:		16	2174	109085	γ Crv	FO IV	59		12
2125	107383	11 Com	G8 III	<19:		16	2175	109268		A2 V	68		24 45
2126	107418	HR 4699	K1 III	<19:		16	2176	109269SE		F3 V	≤50		24
2127	107427		A3 V	119		24 45	2177	109269NW		F3 V	≤50		24
2128	107513		A9 V(m?)	86		34	2178	109307	22 Com	Am	8		34
2129	107566	ε <sup>2</sup> Mus	A5m	50		12	2179	109309	21 Vir	AO	110		5 12
2130	107611		F6 V	15		34	2180	109317	HR 4783	K0 III	<19:		16
2131	107685		F5 V	≤12		34	2181	109358	β CVn	GO V	≤3		16 17 37 42
2132		Tr-92	F7 V	15:		6	2182	109379	φ Crv	G5 II	<17		16
2133			F7 V	35		34	2183	109387	x Dra	B5 IIIe	249		1 10 12* 15
2134	107700	12 Com	Comp.	≤25		34	2184	BD+31°2384		A3 V	≤50		24
2135	107705	17 Vir	dF7	≤10		37	2185	BD+44°2207		A7 V	150		24
2136	107740		A5 V	120		45	2186	BD+42°2323		FO V	≤50		24
2137	107832	HR 4712	B9 III	45		12	2187	109485	23 Com	AO III	≤67		5 12 13
2138	107877		F5 V	20		34	2188			Am	≤25		30
2139	107935		A8 V(m?)	150		34	2189	109510	ADS8600B	Am	≤25		30
2140	107950	5 CVn	G7 III	<17		16	2190	109511	ADS8600A	K2 III	≤25		30
2141	107966	13 Com	A3 V	54		5 12 34	2191	109536	HR 4794	Am	81		12
2142	108007	HR 4719	FO V	158		34 46	2192	BD+48°2038		A3 V	≤50		24
2143	108101		Am	90		45	2193	109615		AO V	≤40		24 45
2144	108102		F8 V	35		34	2194	109668	α Mus	B3 IV	195		12
2145			F8 V	35		34	2195	109680		FO V	≤30		24 45
2146	BD+49°2137		B7 V	300		24	2196	109691		AO V	262		24 45
2147	108154		F8 V	≤12		34	2197	109762		Am	≤40		24 45
2148	108225	6 CVn	G8 III-IV	<19:		16	2198	109787	τ Cen	A2 V	116:		12
2149	108226		F6 V	≤12		34	2199	BD+25°2534		sd-O	≤75		24
2150	108248	α <sup>1</sup> Cru	B1 IV	124		12	2200	109799	HR 4803	F2 V	0		12

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2201	109838		F2 V	≤50		24	2251	111456	HR 4867	F6 V	36		12 23 37 42
2202	109845		F5 V	≤75		24	2252	111525		A7 V	68		24 45
2203	109860	HR 4805	B9.5 V	50		46	2253	111573		F0 V	75		24
2204	BD+39°2541		F0 V	≤75		24	2254	111597	HR 4874	AO IV	178:		12
2205	109980	9 CVn	A5 V	237		24	2255	111604	HR 4875	F0 V	183		24 46
2206	109995		Hor-branch	30		24 45	2256	BD+38°2374		F0 V	≤50		24
2207	110012	∞ Vir	A2 V	118		24 45	2257	BD+32°2283		A2 V	100		24
2208	110014	∞ Vir	K2 III	<17		16	2258	111812	31 Com	GO III	72		14 16 17 37
2209	110066	HR 4816	Ap	≤25		24	2259	111859		F3 V	75		24
2210	110073	HR 4817	Ap	≤28		12	2260	111904	48 Cru	B9 Ia	41		12
2211	110085		A7 V	150		24	2261	111968	HR 4889	A7 III	80		12
2212	BD+48°2045		F2 V	≤50		24	2262		ADS8682B	AO V	≤25		30 12*
2213	110166		B8 V	172		24 45	2263	112014	a	A2 V	≤25		30
2214	BD+49°2153		Am	≤50		24	2264	112028	HR 4893	A2 Vp	275		30 39 46*
2215	110248		Am	≤40		24 45	2265	112033	35 Com	G8 III	<17		16
2216	110304	∞ Cen	AO III	75		12	2266	112078	λ Cru	B5? V	341		12
2217	110326		Am	50		24	2267	112091	μ* Cru	B5 Ve	124:		12
2218	110335	39 Cru	B7 IVe	185:		12	2268	112092	μ* Cru	B5 IV	16		12
2219	110377	27 Vir	A7 V	130		46	2269	BD+43°2271		F2 V	100		24
2220	110379	∞ Vir	F0 V	27		2 3 6 12 16 17 30 37	2270	BD+31°2419		A2 V	≤100		24
2221	110380	∞ Vir	F0 V	29		2 6 12 16 17 30 37	2271	112152		A3 V	50		45
2222	110411	∞ Vir	AO V	173		5 12* 13	2272	112171	HR 4904	A5 V	120		24
2223	110423	31 Vir	B9	136		5 12	2273	112185	ε UMa	Ap	35		1 2 5 12 13 23
2224	110500		Am	131		24 45	2274	BD+47°2001		A2 V	≤100		24
2225	BD+38°2360		F0p	≤75		24	2275	112244	54 Cru	O9 Ib	138		12
2226	BD+38°2361		Am	75		24	2276	112244	54 Cru	O9 Ib	138		12
2227	110628		F2 IV	101:		16	2277	112409	HR 4913	B8 V	255		12
2228	110787		Am	75		24	2278	112412	α1 CVn	F0 V	8		12 16 24 30
2229	110854		AO V	≤40		24 45	2279	112413	α2 CVn	Ap	33		1 2 6 12 13 30 24
2230	110879	∞ Mus	B3 V	95		12	2280	112431	8 Dra	F0	132		12
2231	110886		F0 III:	200:		30	2281	112486	HR 4917	Am	≤40		24 45
2232	BD-5°3348		F0 V:	120:		30	2282	112487		Am	70		46
2233	110897	10 CVn	GO V	≤6		37 42	2283		NGP-235	A3 V	≤75		24
2234	BD+48°2052		A7 V	≤50		24	2284	112501		A4 V	200		24
2235	110932	NGP-206	A2 V(p?)	≤50		24	2285	112515br		Am	50		24
2236	BD+15°2503		B8 V	90		30	2286	112515ft		F2 Vp?	≤50		24
2237	110951	32 Vir	F6 V	≤25		30	2287	112640		F6 V	≤50		24 45
2238	110951	32 Vir	Am V	90		1 5	2288	112689	37 Com	Am	50		24 45
2239	110956	45 Cru	B3 V	0		12	2289	113022	HR 4926	G9II-III	<19:		16
2240	111041NE		F6 IV	≤50		24	2290	113092	9 Dra	G8 III	20		37
2241	111041SW		F5 IV	≤50		24	2291	BD+48°2073		F0 V	≤75		24
2242	111067	27 Com	K5 III	<17		16	2292	113139	78 UMa	F2 V	96		12 16 17 23 37*
2243	111112	HR 4852	Am	50		46	2293	113226	ε Vir	G9 III	<17		16
2244	111123	β Cru	EO III	35		12	2294	113314	ξ Cen	AO V	185		12
2245	111164	34 Vir	A3 V	120		46	2295	113337	HR 4934	dF4	≤6		37 42
2246	111199	HR 4856	dF5	12		37	2296	113436	HR 4936	AO Vm	200		46
2247	111270	HR 4859	A6 V	90		46	2297	113703	HR 4940	B4 IV	216		12
2248	BD+43°2260		F3 V	≤50		24	2298	113791	ξ Cen	B2 IV	39		12
2249	111421	11 CVn	Am V	40		24	2299	113797	14 CVn	B9 V	54		4 12* 46
2250	111422		A5 V	≤75		24	2300	113848	39 Com	F4 V	30		37

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2301	113889	HR 4950	A7 V	90	46	118623	2351	118623	25 CVn	A7 III	213	6	12 17
2302	113904	θ Mus	Comp.	106:	12	118889	2352	118889	HR 5138	F0 V	111:	6	
2303	113996	41 Com	K5 III	<19:	16	118978	2353	118978	HR 5140	B9 IV	281:	12	
2304	114038	49 Vir	K1 III	<19:	16	118991	2354	118991	HR 5141	B8 V	281:	12	
2305	114330	15 Vir	A1 V	12	5 12 13	119024	2355	119024	82 UMa	A1 V	181	5 12 46	
2306	114376	15 CVn	B7 III	0:	46	119055	2356	119055	1 Boo	A1 V	30	46	
2307	114378	α Com	F5 V	28	3 6 12 37 42	119124	2357	119124	HR 5148	dF9	12	37 42	
2308	114447	17 CVn	A9 III-IV	77:	2	119288	2358	119288	HR 5156	dF3	12	37	
2309	114529	HR 4975	B8 V	216:	12	119476	2359	119476	HR 5162	A1 V	105	46	
2310	114642	53 Vir	F6 III-IV	15	6 11 12 14 16	119608	2360	119608	HR 5162	B1 Ib	55:	18	
2311	114710	μ Com	G0 V	6	14 16 17 37 42	119756	2361	119756	1 Cen	F2 III	106	12	
2312	114837	HR 4989	F8 V	0	12	119765	2362	119765	HR 5169	B9 V	80	46	
2313	114971	η Mus	B8 V	246	12	119821	2363	119821	HR 5174	AO	437	12	
2314	115004	HR 4997	K0 III	<19:	16	119992	2364	119992	HR 5177	dF4	9	37 42	
2315	115043	HR 5010	G1 V	<50	23	120047	2365	120047	HR 5179	A5 V	175	46	
2316	115365	HR 5010	A7 V	170	46	120066	2366	120066	HR 5183	dG2	≤10	37	
2317	115383	59 Vir	G0 V	≤6	16 37 42	120136	2367	120136	1 Boo	F7 V	14	3 6 12 16 17 37 42	
2318	115478	HR 5013	K3 III	<19:	16	120198	2368	120198	84 UMa	Ap	20	46	
2319	115604	20 CVn	F0 II-IIIp	17	6 12 14 17	120307	2369	120307	γ Cen	B2 V	94	12 44	
2320	115612	HR 5018	B8 IV	120:	46	120315	2370	120315	γ UMa	B3 V	216	4 10 12 15	
2321	115617	61 Vir	G6 V	<17	16	120324	2371	120324	μ Cen	B2 Ve	191	12 44	
2322	115659	γ Hya	G5 III	<17	16	120452	2372	120452	89 Vir	K1 III	<19:	16	
2323	115735	21 CVn	A0	106	5 12	120477	2373	120477	υ Boo	K5 III	<17	16	
2324	115823	HR 5026	B5 III	32	12	120539	2374	120539	6 Boo	K4 III	<19:	16	
2325	115882	ι Cen	A2 V	87	12	120642	2375	120642	HR 5207	B9 V	186	12	
2326	115993	HR 5031	A2 V	80	46	120709	2376	120709	3 Cen A	B5 IVp	0	12 30 44	
2327	116072	HR 5034	B4 V	270:	12	120710	2377	120710	3 Cen B	B8 V	150	30	
2328	116160	HR 5037	B9.5 V	200	46	120955	2378	120955	4 Cen	B5 IV	50	12 44	
2329	116457	HR 5048	F5	0	12	120987	2379	120987	HR 5222	dF6	0	12	
2330	116568	HR 5050	dF3	40	37	121263	2380	121263	ξ Cen	B2 IV	191	12	
2331	116656 <sup>a</sup>	ξ UMa A	A2 V(2sp)	≤25	30 1* 5* 12* 23*	121299	2381	121299	90 Vir	K2 III	<17	16	
2332	116656 <sup>b</sup>	ξ UMa B	Am	≤25	30	121370	2382	121370	γ Boo	G0 IV	13	12 14 16 17 37	
2333	116657	ξ UMa B	B1 V	59	2 5 12 13 23 30	121409	2383	121409	86 UMa	B8 V	225	46	
2334	116658	α Vir	B1 V	196	1 4 12*	121560	2384	121560	HR 5243	F6 V	≤6	37 42	
2335	116706	HR 5057	A3 V	60	46	121607	2385	121607	92 Vir	A6 V	420	46	
2336	116842	80 UMa	A5 V	226	5 12 17 23 39 46	121682	2386	121682	HR 5245	F4 IV-V	8	37 42	
2337	117150	HR 5071	A2	243:	12 12 17 23 39 46	121710	2387	121710	9 Boo	K3 III	<19:	16	
2338	117176	70 Vir	G5 V	≤10	16 37	121743	2388	121743	γ Cen	B3 IV	115	12 44	
2339	117200	HR 5074	F2 V	≤25	30	121790	2389	121790	υ Cen	B3 IV	153	12	
2340	117201	HR 5075	F3 V	≤30	30	121996	2390	121996	10 Boo	AO V	81	5 12	
2341	117360	S Cha	F5	0	12	122106	2391	122106	HR 5258	F5 V	12	37	
2342	117376	HR 5085	B9.5 V	144	5 12 46	122233	2392	122233	η Cen	F7 I-II	0	12	
2343	117818	76 Vir	K0 III	<19:	16	122365	2393	122365	HR 5262	A2 V	100	46	
2344	118022	78 Vir	Ap	24	5 12 13	122405	2394	122405	11 Boo	A7 III	105	46	
2345	118098	γ Vir	A3 V	186	5 12* 13	122408	2395	122408	τ Vir	A3 V	161	5 12 13	
2346	118156	HR 5108	A8 V	110	46	122451	2396	122451	μ Cen	B1 II	161:	12	
2347	118214	81 UMa	AO V s1	156	5 12 46	122797	2397	122797	HR 5275	F2	90	37	
2348	118216	HR 5110	F2 IV	0	12 17	122866	2398	122866	HR 5280	AO IV	60	46	
2349	118232	24 CVn	A4 V	147	5 12 17	122980	2399	122980	κ Cen	B2 V	0	12 44	
2350	118261	HR 5113	dF5	111	12	123299	2400	123299	α Dra	AO III	12	1 5 12 13 46	

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2401	123998	γ Aps	A2p	47		12	2451	127067	HR 5415	AO V	100		30
2402	123999	12 Boo	F8 IV	26	6 12 17	37	2452	127334	HR 5423	σ Lup	≤10		37
2403	124115	HR 5307	F5	30	5 13 46*	37	2453	127381	σ Lup	B2 V	119		12
2404	124224	CU Vir	Ap	112		16	2454	127665	5 UMi	K3 III	<17		16
2405	124294	α Vir	K3 III	<19:		16	2455	127600	5 UMi	K4 III	<17		16
2406	124367	B3 Ve	B3 Ve	301		12	2456	127726	HR 5433	A7 IV-V	220		46
2407	124547	4 UMi	K3 III	<17		16	2457	127762	γ Boo	A7 III	145	6 12 14 17 46	37
2408	124570	14 Boo	dF6	0	12 37 42	30	2458	127821	HR 5436	dF4	50		37
2409	124674	F2 V	F2 V	40		30	2459	127972	γ Cen	B3 Ve	300	12* 44	37
2410	124675	α Boo A	A7 IV	126	5 12 17 30 46	30	2460	127986	HR 5441	F5	≤10		37
2411	124679	15 Boo	K0 III	<19:		16	2461	128093	HR 5445	F2	12		37
2412	124683	HR 5332	B9	87		4	2462	128167	σ Boo	F2 V	0	6 12 16 17 37	37
2413	124771	ε Aps	B4 IV	255		12	2463	128332	HR 5451	F5	≤6	37 42	37
2414	124850	ι Vir	K2 IIIp	15	12 16 17 37 42	16	2464	128345	σ Lup	B5 V	240		12
2415	124897	α Boo	F6 III	<17		16	2465	128429	HR 5455	F5 V	15	11	11
2416	125111	HR 5347	F2	≤6	37 42	12	2466	128898	α Cir	FO Vp	0		12
2417	125158	HR 5349	Am	0		12	2467	128998	HR 5467	B9 V	100	5 46	5
2418	125161	λ Boo	A7 V	126	12 17	16	2468	129002	33 Boo	A0 V	90	5 12 46	5
2419	125162	λ Boo	A0pec.	110	5 13	16	2469	129056	α Lup	B2 II	0		12
2420	125238	ι Lup	B5 V	370		12	2470	129116	HR 5471	B5 V	197		12
2421	125248	GS Vir	Ap	59	5	5	2471	129174	π Boo	Ap	21	5 12 13 30 46	5
2422	125288	HR 5358	B5 II	57	12	12	2472	129175	π Boo	Am	131	5 30 46	5
2423	125337	λ Vir	Am	84	5 12	16	2473	129246/7	ε Boo	A2 III	156	5 46	5
2424	125349	HR 5360	A0.5 IV	85	46	16	2474	129312	31 Boo	G8 III	<17	16	16
2425	125351	HR 5361	K1 III	<17		16	2475	129422	19 Cir	A7 V	156		12
2426	125406	HR 5363	F5	30	37	12	2476	129502	μ Vir	F3 IV	54	12 16 17 37	12
2427	125442	HR 5364	dA8	33		12	2477	129685	HR 5489	A0	455		12
2428	125451	18 Boo	F5 IV	39	6 12 16 37	16	2478	129926	54 Hya	FO III	161		12
2429	125454	υ Vir	G8 III	<19:		16	2479	129956	HR 5501	B9 V	95	4 46	4
2430	125473	ψ Cen	A0 IV	113		12	2480	129972	o Boo	K0 III	<17		16
2431	125489	HR 5368	A6 V	155	46	16	2481	129988	ε Boo	A2 V	147	12 46*	12
2432	125560	20 Boo	K3 III	<17		16	2482	130109	HR 5511	A0 V	333	13 39	13
2433	125823	HR 5378	B6 III	<17	12 44	16	2483	130158	55 Hya	Ap	0		12
2434	125835	10 Cir	A2 Ia	0		12	2484	130274	57 Hya	B9 V	183		12
2435	126053	HR 5384	dG3	≤10		37	2485	130559	μ Lab	Ap	41	5 12	5
2436	126128	HR 5385	A9 V	70	30 5* 12*	30	2486	130807	o Lup	B2 III?	51		12
2437	126129	HR 5386	A0 V	100		30	2487	130817	HR 5529	dF3	12	37	37
2438	126141	HR 5387	F2	8	37 42	16	2488	130819	α Lab	F5 IV	22	6 12 16 30	6
2439	126200	HR 5388	A2 V	90	46	16	2489	130841	α Lab	Am	84	5 30	5
2440	126248	HR 5392	A4 V	173	5 12 46	16	2490	130917	HR 5532	A3 III	175	46	46
2441	126341	11 Lup	B2 IV	0		12	2491	130945	38 Boo	dF4	20	37	37
2442	126354	τ Lup	dF7	0	12	12	2492	130952	11 Lab	G8 III-IV	<17	16	16
2443	126366	A4 V	A4 V	60		30	2493	131111	HR 5541	K0 III-IV	<17	16	16
2444	126367	HR 5397	A2 V	80		30	2494	131120	HR 5543	B6 V	95	12	12
2445	126660	θ Boo	F7 V	31	6 12 16 17 37 42	16	2495	131156	γ Boo	G8 V	<16	3	3
2446	126661	22 Boo	A5	53	5 12	16	2496	131562	36 Lup	A2 V	106	12	12
2447	126868	ψ Vir	G2 III	0	12 16	16	2497	131625	HR 5558	A0	202	12	12
2448	126981	14 Lup	Comp.	174		12	2498	131873	8 UMi	K4 III	<17	16	16
2449	126983	13 Lup	Comp.	0	12	12	2499	131951	HR 5567	B9.5 V	150	46	46
2450	127043	HR 5414	A0 V	80	30	16	2500	132052	16 Lab	FO IV	117		12



No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2501	132058	β Lup	B2 V	130		12 44	2551	137052	ε Lib	F5 V	0		12 16
2502	132200	α Cen	B2 V	30		12 44	2552	137058	AO IV		231		12
2503	132254	HR 5581	δ F7	6		37 42	2553	137391	α Boo	G1 V	84		3 6 12 17 30
2504	132375	HR 5583	δ F6	8		37 42	2554	137392	α Boo	F0 V	<25		30
2505	132742	δ Lib	AO	106		1 5	2555	137422	α UMi	A3 III-III	171		2 5 12 13
2506	132909		F2 IV	≤30		30	2556	137432	HR 5736	B5 V	130		44
2507	132910		F0 IV	80		30	2557	137510	HR 5740	G0	≤10		37
2508	132955	HR 5595	B4 IV	0		12 44	2558	137759	ι Dra	K2 III	<17		16
2509	133124	ω Boo	K4 III	<17		16	2559	137898	10 Ser	A5	127		5 12
2510	133165	110 Vir	K0 III	<17		16	2560	137909	α CrB	Fp	32		6 12 14 27
2511	133208	β Boo	G8 III	<17		16	2561	138413	HR 5762	Am	50		5 12
2512	133242/3	π Lup	B5 IV	225		12	2562	138481	γ Boo	K5 III	<17		16
2513	133484	HR 5612	δ F5	20		37	2563	138485	ε Lib	B2 V	251		4 44
2514	133582	γ Boo	K2 III	<17		16	2564	138525	HR 5769	F5	≤10		37
2515	133640	44 Boo	G2 V	≤16		3 30	2565	138527	τ Ser	B8 V	0:		46
2516	133937	HR 5625	B7 V	350:		44	2566	138629	ν Boo	A3 V	171		5 46
2517	133955	ι Lup	B3 V	169		12	2567	138690	γ Lup	B3 V	283		12 44
2518	133962	λ Boo	AO	81		5	2568	138716	37 Lib	K1 III	<19:		16
2519	134044	HR 5630	F5	≤6		37 42	2569	138743	θ CrB	B5 Ve:	400:		10 15 39
2520	134064	HR 5633	A2 V	160		46	2570	138764	HR 5780	B7 IV	18		4 12 15 44
2521	134083	45 Boo	F5 V	44		6 12 16 17 37	2571	138769	HR 5781	B3 IV	106		12
2522	134190	HR 5635	G8 III	<19:		12	2572	138905	γ Lib	G8 III-IV	<17		16
2523	134181	κ Lup	B9 V	280		12	2573	138917	δ Ser	F0 IV-V	70		12 30
2524	134482	κ Lup	AO	188		12	2574	138918	δ Ser	F0 IV	80		6 12 17 30
2525	134687	HR 5651	B5 III	0		12	2575	139006	α CrB	AO V	132		1 2 5 12 13
2526	134759	ι Lib	Ap	72		5 12	2576	139129	HR 5798	B9 V	0		12
2527	135153	1 Lup	F0 I	0		12	2577	139160	HR 5801	B8 V(p?)	130:		44
2528	135240	δ Cir	O9 V	252:		12	2578	139195	16 Ser	K0p	<17		16
2529	135379	δ Cir	A3 V	75		12	2579	139365	τ Lib	B5 V	130		44 4 12*
2530	135584	HR 5672	A4 V	200		46	2580			B5:	100:		44
2531	135502	α Boo	A2 V	101		5 12	2581	139460	HR 5815	F7 V	≤25		30
2532	135559	4 Ser	A4, 5 V	110		46	2582	139461	HR 5816	F7 V	≤25		30
2533	135591	HR 5680	O9 Ib	131		12	2583	139486		B9.5 V	250		44
2534	135722	δ Boo	G8 III	<19:		16	2584	139641	φ Boo	G8 IV	<19:		16
2535	135724	μ Lup	B8	308:		12	2585	139664	HR 5825	F5 IV-V	87		12
2536	135742	β Lib	B8 V	230		12* 13	2586	139669	θ UMi	K5 III	<17		16
2537	135876	HR 5687	B9 V	96:		12	2587	139891	ε CrB	B7 V	≤25		30
2538	136064	HR 5691	F8 V	≤6		16 37 42	2588	139892a	ν CrB	B6 V	100:		30 1* 12*
2539	136202	5 Ser	F8 IV-V	0		11 12 16 37 42	2589	139892b		B6 V	100:		30
2540	136298	δ Lup	B2 IV	235		12 44	2590	140008	ψ Lup	B6 V	42		12 44
2541	136351	ν Lup	δ F7	0		12	2591	140159	ι Ser	A1 V	95		5 12 46
2542	136415/6	γ Cir	Comp.	278		12	2592	140456	γ CrB	AO III-IV	112		5 12 13
2543	136504	ε Lup	B3 IV	142		12	2593	140573	α Ser	K2 III	<17		16
2544	136514	6 Ser	K3 III	<17		16	2594	140728	HR 5857	Ap	100		5 12
2545	136664	φ Lup	B3 V	208		12 44	2595	140729	τ Ser	AO V	85		46
2546	136726	11 UMi	K4 III	<17		16	2596	140873	25 Ser	B8	118		1 4
2547	136729	HR 5715	A3	181		5	2597	141003	β Ser	A2 IV	181		5 13 46
2548	136831	7 Ser	B9.5 V	80		46	2598	141004	λ Ser	AO V	≤6		16 17 37 42
2549	136849	50 Boo	B9 V	220		12 46	2599	141513	μ Ser	G0 V	87		5 12 13
2550	136933	ν Lup	Ap	0		12	2600	141527	R CrB	Fpep	18		12

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2601	141556	χ Lup	Apec	0		12	2651	144217	φ Sco	B0.5 V	107		4 12 30 44
2602	141637	1 Sco	B2.5 V	311		10 12 44	2652	144218	φ Sco	B2 V	84		12 15 30 44
2603	141675	HR 5887	Am	75		5	2653	144284	φ Dra	F8 IV-V	27		6 12 16 17
2604	141680	φ Ser	G8 III	<17		16	2654	144294	φ Lup	B5 IV	351		12 44
2605	141714	φ CrB	G5 III-IV	<17		16	2655	144470	φ Sco	B1 V	141		4 12 44
2606	141774	B9 V	B9 V	160		44	2656	144480	φ Nor	B9 V	96		12
2607	141795	ε Ser	Am	43		12 13 46	2657	144661	HR 5998	B7 IV	100:		44
2608	141891	β Tra	F2 IV	79		12	2658	144844	HR 6003	B9 V	180		44
2609	141992	φ Ser	K5 III	<17		16	2659	144987	HR 6007	B8	181		12
2610	142091	χ CrB	K0 III-IV	<17		16	2660	145000	χ Her B	K2 III	≤25		30
2611	142096	λ Lib	B3 V	207		10 12 15 44	2661	145001	χ Her A	G8 III	<19:		16 30
2612	142105	ξ DM1	A3 V	206		5 13 46	2662	145102	B9 Vp	B9 Vp	44		44
2613	142114	2 Sco	B2.5 V	321		10 44	2663	145122	8 Her	A0 V	275		46
2614	142165	HR 5906	B6 V	264		10 12 44	2664	145328	τ CrB	K0 III	<17		16
2615	142184	HR 5907	B2 V	364		10 12 44	2665	145389	φ Her	Ap	11		4 12 13 46
2616	142198	φ Lib	G8 III-IV	<19:		16	2666	145484	HR 6025	B8.5 V	204		5 12 46
2617	142250	HR 5910	B7 V	500		44	2667	145482	13 Sco	B2.5 V	227		10 44
2618	142315	χ Her	F9 V	300:		44	2668	145501	ν Sco C	A0 IV	70:		30
2619	142373	47 Lib	B5 V	240		12 16 17 37 42	2669	145502	ν Sco AB	B9 V	300:		4 10 12 15 30 44
2620	142378	40 Ser	A4 V	210		46	2670	145519	B9 V	B9 V	180		44
2621	142500	η Lup	A0	77		12	2671	145554	ψ Sco	A2 V	33		5 12 13
2622	142629	ψ Lup	A0	216		12	2672	145570	16 Sco	A3	201		5 12
2623	142630	ρ Sco	B2 V	157		10 12 44	2673	145607	HR 6034	B9.5 V	80		46
2624	142669	ρ Sco	B2 V	157		46	2674	145622	HR 6034	B9.5 V	160:		44
2625	142763	HR 5931	B7 III	80		3 6 12 16 17 37 42	2675	145631	HR 6035	A0 V	30		46
2626	142860	γ Ser	F6 V	7		44	2676	145647	HR 6036	B9.5 V	195		46
2627	142883	HR 5934	B3 V	100:		44	2677	145674	HR 6036	B9.5 V	44		44
2628	142884	λ CrB	B9p	200		6 12	2678	145792	HR 6042	B7 IV	<50		44
2629	142908	4 Her	F2	74		38	2679	145842	φ Nor	B8	251		12
2630	142926	4 Her	B7 IV-Ve	350		44	2680	145897	χ Sco	K3 III	<17		16
2631	142983	48 Lib	B3e	400		12* 10 15 38* 44	2681	146001	HR 6054	B8 IV	200		44
2632	142990	HR 5942	B3 V	200		12* 44	2682	146029	B9 V	B9 V	250:		44
2633	143018	π Sco	B1 V	100:		44 1* 4* 12*	2683	146285	B8 V	B8 V	160		44
2634	143107	ε CrB	K5 III	<17		16	2684	146361	σ CrB A	F8 V(2sp)	≤25		30
2635	143118	7 Lup	B2 V	242		12 44	2685	146362	σ CrB B	G1 V	525		30
2636	143187	HR 5949	B9 V	180		46	2686	146416	HR 6066	B9 V	530		30
2637	143275	δ Sco	B0 V	174		4 12 18 44	2687	146462	HR 6070	A2 V	300:		44
2638	143466	HR 5960	F0 IV	140		5 12 17	2688	146624	ν CrB	A3 III	80		46
2639	143474	ι Nor	A5 V	151		12	2689	146738	ε Oph	G8 III	<17		16
2640	143567	B9 V	B9 V	180		44	2690	146791	HR 6077	F5 III	0		12
2641	143600	5 Her	K0 III	<17		16	2691	146836	B9.5 V	B9.5 V	160		44
2642	143666	HR 5967	G2 V	7		12 44	2692	147009	B9p	B9p	≤50		44
2643	143699	φ CrB	G2 V	180		6 12 16 37 42	2693	147010	o Sco	A5 II	0		12 44
2644	143761	ι CrB	A3 V	15		5 13 46	2694	147084	HR 6083	B6 IV	155		12
2645	143807	τ Ser	A3 V	110		5 12 15 46	2695	147152	σ Sco	B1 III	47		12 25 44
2646	143894	φ Sco	F6 IV	27		6 12 17	2696	147165	HR 6091	A9n	50		37
2647	144070	φ Nor	Am	0		12	2697	147365	τ Her	B5 IV	27		2 4 12 15
2648	144197	ν Her	Ap	3		4 12 13	2698	147394	σ Ser	F0 V	80		6 12 17
2649	144206	4 Her	Ap	3		4 12 13	2699	147449	γ Her	A9 III	142		6 12 14 16 17

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2701	147628	HR 6100	B8 IV	160:		12	2751	150449	HR 6199	K1 III	<17		16
2702	147677	ε CrB	KO III	<17		16	2752	150483	A2 V	A2 V			46
2703	147700	ψ Oph	KO III	<17		16	2753	150680	ε Her	GO IV	≤10		3 16 17 37
2704	147701		B6 V	80:		44	2754	150745	HR 6215	B3	219		12
2705	147767	ν <sup>2</sup> CrB	K5 III	<17		16	2755	150898	BO Ia	BO Ia	108		12
2706	147787	ι TrA	df4	0		42	2756	150997	η Her	G8 III-IV	8		14 16
2707	147835	HR 6110	A3 V	155		46	2757	151101	18 Dra	K1p	<19:		16
2708	147888	ρ Oph D	B5 V	180		44	2758	151133	16 Oph	B9 V	100		46
2709	147889		B2 V	100		44	2759	151199	HR 6226	Ap	110		46
2710	147890		B9.5p	≤50:		44	2760	151217	43 Her	K5 III	<17		16
2711	147932	ρ Oph C	B6 V	180		44	2761	151235	45 Her	Ap	42		12
2712	147935	ρ Oph A	B2 V	303		10 44	2762	151613	HR 6257	F2 V	53		6 12 17
2713	147934	ρ Oph B	B2 V	307	12*	10 44	2763	151769	20 Oph	F6 III	14		11 12 16 14 17
2714	147971	ε Nor	B3?V	107		12	2764	151890	μ Sco	B1.5 V	216		12 44
2715	148048	η UMi	df8	76		44	2765	151900	HR 6248	F2	40		37
2716	148112	ω Her	Ap	28	5 12 13 46*	38	2766	151956	47 Her	Am	38		5 12
2717	148184	α Oph	B2 Ve	123	4 0 12 15 44	44	2767	151985	μ Sco	B2 IV	58		12 44
2718	148199		A0p	≤50		44	2768	152107	52 Her	Ap	50		5 12 13
2719	148283	25 Her	A3	167		5	2769	152127	21 Oph	A0	59		5 12
2720	148293	HR 6126	K2 III	<19:		16	2770	152233		O6	125		26
2721	148367	ν Oph	Am	60	5 12 13	44	2771	152234	HR 6260	BO.5 Ia	80		12 26
2722	148379	HR 6131	B2 Ia	92		12	2772	152236	μ Sco	B1 Iae	107		12
2723	148387	η Dra	G8 III	<17		16	2773	152249	HR 6263	BO Iab	100		26
2724	148478	α Sco	M1 Ib	≤20		44	2774	152266	51 Her	K2 II-III	<17		16
2725	148513	HR 6136	K4 IIIp	<19:		16	2775	152598	52 Her	df8	59		6 12
2726	148579		B9 V	150		44	2776	152601	23 Oph	K2 III	<19:		16
2727	148594		B8 V	300		44	2777	152614	ι Oph	B8 V	118		4 12 13
2728	148605	22 Sco	B2 V	241	10 12 44	44	2778	152815	HR 6287	G8 III	<17		16
2729	148688	HR 6142	B1 Ia	131		12	2779	153210	α Oph	K2 III	<17		16
2730	148703	HR 6143	B2 V	83	12 44	44	2780	153345	AI Dra	A0	97		33
2731	148786	γ Oph	G8 III	<19:		16	2781	153580	δ Ara	F6 V	58		12
2732	148856	β Her	G8 III	<19:		16	2782	153597	19 Dra	F6 V	0		12 16 17
2733	148857	λ Oph	A1 V	132	5 12 13 46	46	2783	153687	30 Oph	K4 III	<19:		16
2734	148897	HR 6152	G8 Iip	<17		16	2784	153751	ε UMi	G5 III	23		12 16
2735	148898	ω Oph	Ap	41	6 12	42	2785	153808	ε Her	A0 V	78		1 5 12 13
2736	149038	κ Nor	B8 Ia	133		12	2786	153897	HR 6328	F5	40		37
2737	149161	29 Her	K5 III	<19:		16	2787	153914	HR 6329	A2 V	115		46
2738	149212	15 Dra	B9 IV	160	12 13	46	2788	154029	59 Her	A3 III	35		5 12 46
2739	149363		BO.5 III	86	18 35	46	2789	154090	HR 6334	B1 Iab	159		2
2740	149438	τ Sco	BO V	20	4 12 18 44	44	2790	154099	HR 6335	A7 V	180		46
2741	149630	σ Her	B9 V	270	5 13	46	2791	154228	HR 6341	A1 V	45		46
2742	149650	HR 6170	A2 IV	80	12*	10 18 35 39	2792	154417	HR 6349	df8	≤6		37 42
2743	149757	ξ Oph	09.5 V	396		46	2793	154451	HR 6351	A4 V	105		46
2744	150012	HR 6181	F2	30		37	2794	154441	HR 6352	B9.5 V	100		46
2745	150100	16 Dra	B9.5 V	83	5 30	46	2795	154494	60 Her	A3 IV	122		5 12 17
2746	150117	17 DraA	B9 V	216	5 30 46	46	2796	154905	μ Dra B	df6	23		12 37
2747	150118		A0 V	250	30 46	46	2797	154906	μ Dra A	df6	13		12 37
2748	150378	37 Her	A0 V	140	30 46	46	2798	155103	HR 6377	A5	82		5 12
2749	150379	36 Her	A5 V(m?)	80		16	2799	155125	η Oph	A2 V	11		5 12
2750	150416	HR 6196	G8 II	<19:		16	2800	155203	γ Sco	F2 III	175		12

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2801	155410	HR 6368	K3 III	<17		16	2851	B0-9 <sup>+</sup> 3423		FO IV	150	30	
2802	155446	HR 6394	F5	≤10		37	2852	π Ara		A7 V	48	12	
2803	155711	HR 6395	B9 V	50		46	2853	θ Sco		FO Ib	105	12	
2804	155763	κ Dra	B6 III	28	2 4 12 15 46	2854	159532	ν Dra	Am	5 12 17 30	58	5	5 12 17 30
2805	155806	HR 6397	O8e	211		2855	159560	ν Dra	Am	5 12 17 30	56	5	5 12 17 30
2806	156014	α Her	M5 II	21		2856	159561	α Oph	A5 III	218	36	5	12 17 46
2807	156098	HR 6409	df6	290		2857	159876	ξ Ser	FO IV	36	1	5 12	
2808	156164	δ Her	A3 IV	290	13 46	2858	159966	27 Dra	K0 III	<17	16	16	
2809	156208	HR 6412	A1 III	25		2859	159975	μ Oph	B8 V	134	4	4 12 13	
2810	156247	U Oph	B5 V	107		2860	160032	λ Ara	df4	0	12	12	
2811	156266	41 Oph	K2 III	87		2861	160181	HR 6571	A2 V	210	46	46	
2812	156283	π Her	K3 II	<17		2862	160269	26 Ara	G1 V	41	6	16	
2813	156295	HR 6421	A7 V	114		2863	160578	κ Sco	B2 IV	124	12	12	
2814	156633	u Her	B3 III	116	5 12 46	2864	160613	o Ser	A2 V	125	12	13	
2815	156653	HR 6432	A1 V	88	1 * 4 *	2865	160782	ι Her	B3 V	8	4	2 12 15	
2816	156653	HR 6432	A1 V	30		2866	160785	HR 6589	A2 V	90	46	46	
2817	156681	HR 6433	K4 II-III	<17		2867	160910	HR 6594	df1	30	37	37	
2818	156729	69 Her	A2 V	149		2868	160915	58 Oph	F5 V	0	12	12	
2819	156729	69 Her	A2 V	149	5 12 13	2869	160922	ω Dra	F5 V	26	6	12 16 17	
2820	156897	ξ Oph	F2 V	0		2870	161096	ρ Oph	K2 III	<17	16	16	
2821	156928	ν Ser	A1 V	118	5 12 13	2871	161165	κ pf-22	B9 V	240	7	41	
2822	157042	ι Ara	B3ne	386		2872	161184a	κ pf-23A	B8 V	240	7	41	
2823	157056	θ Oph	B2 IV	32	4 12 25 44	2873	161184b	κ pf-23B	B9.5	65	7	41	
2824	157087	HR 6455	A3 III	11		2874	161239	84 Her	A3 V	≤40	7	41	
2825	157198	70 Her	A1 V	99	5 12 46	2875	161261	κ pf-32	g66	≤10	37	37	
2826	157214	72 Her	G0 V	0	12 16 37 42	2876	161270	61 Oph	A0 IV-V	350	7	41	
2827	157243	HR 6460	B6 V	150:		2877	161289	HR 6610	A0 V	110	30	46	
2828	157246	7 Ara	B1 III	352:		2878	161370	κ pf-39	A1 V	120	7	41	
2829	157462	HR 6469	df8	12		2879	161426	κ pf-43	A0 V	185	7	41	
2830	157741	HR 6482	B9.5 IV	375		2880	161471	ι Sco	F2 Ia	36	12	12	
2831	157778	ρ Her	B9 V	190	5 12 * 30	2881	161480	κ pf-49	B6 V	25	7	41	
2832	157779	44 Oph	A9 V	59	12 13 30	2882	161481	κ pf-50	A1 V	≤40	7	41	
2833	157792	HR 6489	F5	8	37 42	2883	161482	κ pf-51	A2 V	80	7	41	
2834	157856	HR 6489	F5	8		2884	161572	κ pf-58	B6 V	200	7	41	
2835	157857	07f		114:		2885	161573	κ pf-62	B4 V	50	7	41	
2836	157919	45 Oph	F5 IV	30		2886	161592	κ pf-63	A3 V	≤40	7	41	
2837	157950	HR 6493	F3 V	52	6 12 17	2887	161592	κ pf-64	B5 V	24	7	41	
2838	157959	σ Oph	K3 II	<19:		2888	161603	κ pf-66	A3 V	220	7	41	
2839	158148	HR 6502	B6 V:	251	12 15	2889	161621S	κ pf-67S	A1 V	200	7	41	
2840	158352	HR 6507	A5	141	5 12	2890	161621N	κ pf-67N	A2 V	265	7	41	
2841	158408	υ Sco	B3 Ib	104		2891	161660	κ pf-72	B7 V	35	7	41	
2842	158414	77 Her	A2 V	120		2892	161677	κ pf-73	B5 V	210	7	41	
2843	158427	α Ara	B3 Ve	288:		2893	161693	HR 6618	B9 IV	130	46	46	
2844	158661	80.5 Ib		91		2894	161698a	κ pf-76A	B9 V	80	7	41	
2845	158899	λ Her	K4 III	<17		2895	161733	κ pf-82	B7 V	40	7	41	
2846	158926	λ Sco	B2 IV	237		2896	161734	κ pf-81	B8 V	225	7	41	
2847	159139	78 Her	B9.5 V	245	14 16 17	2897	161786	κ pf-83	A2 V	270	7	41	
2848	159181	φ Dra	G2 II	13		2898	161786	κ pf-89	A2 V	220	7	41	
2849	159332	HR 6541	df4	≤10		2899							
2850	159480	53 Oph	A A2 V	≤25		2900							

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
2901	161797	$\mu$ Her	G5 IV	20		3 16 17	2951	165024	$\theta$ Ara	B1 II	139		12
2902	161833	HR 6627	A0 V	55		46	2952	165040	$\pi$ Pav	A5 V(m?)	139		12
2903	161840	HR 6628	B8 V	45		12	2953	165049		B2 III	<32		18
2904	161868	$\gamma$ Oph	A0 V	211		5 13 46	2954	165052		O7	150:		26
2905	161912	$\gamma$ Sco	A3	0		12	2955	165319		B0 Ia	79		18
2906	161940	Kpf-102	A1 V	90	?	41	2956	165341		KO V	16		3 16 30
2907	161961		B0.5 III	18		18	2957	165437	70 Oph <sup>B</sup>	K4 V	$\geq 25$		30
2908	162003	$\psi$ Dra A	F5 IV-V	55		6 12 16 17 30	2958	165474		A1 V	110		31
2909	162004		F8 V	$\leq 25$		30	2959	165474	A7 <sup>B</sup>	A7 <sup>B</sup>	$\leq 25$		30
2910	162028	Kpf-105	B7 V	30	7	41	2960	165475	HR 6758	A5 IV	250		30
2911				10	7	41	2961	165477		B9 V	350		31
2912	162064		B0 Ia	79		18	2962	165501		A3 V	120		30
2913	162161	HR 6642	A0 IV	75	46	46	2963	165502		F0 V	60		30
2914		Kpf-118	A3 V	60	7	41	2964	165512		A5 III	70		31
2915	162211	87 Her	K2 III	<17		38	2965	165567	HR 6764	F5	12		37
2916	162428	MWC 594	B7 IV-Ve	350		38	2966	165572		A1 V:	<50		31
2917	162579	$\zeta$ Dra	A2	140		5 12	2967	165591		A3 V	120:		31
2918	162732	88 Her	B6 IV-V	500:		37 42	2968	165760	71 Oph	G8 III-IV	<19:		16
2919	162826	HR 6669	dF8	$\leq 6$		37 42	2969	165777	72 Oph	A4 V	84		5 12 17 46
2920	162917	HR 6670	dF4	30	37		2970	165908	99 Her	F7 V	5		11 12 16 37 42
2921	163217	90 Her	K3 III	<19:		16	2971	166014	o Her	B9 V	134		5 12* 13
2922	163506	89 Her	F2 Ia	23		6 12 16	2972	166016		Ap	60		31
2923	163568	$\eta$ Dra	K2 III	<17		16	2973	166045	100 Her A	A3 V	176		5 30 46
2924	163770	$\theta$ Her	K1 II	<19:		16	2974	166046	100 Her B	A3 V	168		5 30 46
2925	163800		B0	138		18	2975	166182	102 Her	B2 V	35		4 12 15 2
2926	163840	HR 6697	G0	$\leq 6$		42	2976	166205	$\delta$ UMi	A1 V	174		5 12 13
2927	163848	MWC 899	B8 IV-Ve	300:		38	2977	166208	HR 6791	K0p	16		16
2928	163917	$\nu$ Oph	KO III	<17		16	2978	166312		A7 V	<17		31
2929	163955	$\lambda$ Sgr	A0	191		12	2979	166328	HR 6792	A0 V	210		46
2930	163969	$\zeta$ Dra	F6 IV-V	11		6 12 16	2980	166230	101 Her	A6 III	54		5 12 46
2931	163993	$\xi$ Her	KO III	<19:		16	2981	166285	HR 6797	dF4	$\leq 10$		37
2932	164058	$\gamma$ Dra	K5 III	<17		16	2982	166286		B1 II	126:		18
2933	164136	$\nu$ Her	F2 II	27		6 12 16 17 19	2983	166287		B0.5 III	67:		18
2934	164239	$\mu$ Ser	F3 V	70		12 16 17 37	2984	166540		B0.5 IV	55		18
2935	164284	66 Oph	B2 Ve	241		12 15	2985	166546		O9.5 III	67		18
2936	164349	93 Her	KO II-III	<17		16	2986	166596	HR 6804	B5	197:		12
2937	164353	67 Oph A	B5 Ib	17		2 4 12 15 30	2987	166689		B1 II	67		18
2938	ED+2-3459		B3 V	150		30	2988	166865	40 Dra	F7 V	$\leq 25$		30
2939	164429	HR 6718	Apec	200:		46	2989	166866	41 Dra	F7 V	0		12 30
2940	164447	HR 6720	B7 IV-Ve	250		38	2990	166937	$\mu$ Sgr	B8 Iap	88		1 4 12
2941	164577	68 Oph	A1 V	252		5 13 46	2991	166988	HR 6814	A2 III	100		46
2942	164584	7 Sgr	F5 II	24		12	2992	167263	16 Sgr	O9 II	126:		18
2943	164668	95 Her B	G5 III	$\leq 25$		30	2993	167264	15 Sgr	B0 Ia	80		12 18
2944	164669	95 Her A	A7 III	180		12*	2994	167287		B1 Ib	244:		18
2945	164765	$\nu$ Oph	F0	205		6 12	2995	167387	HR 6827	B9 V	300		46
2946	164704	9 Sgr	O5	168		10 18	2996	167588	HR 6831	G0	$\leq 6$		37 42
2947	164844		B1 V	50		26	2997	167659		G5	126:		18
2948	164852	96 Her	B3 V	205		4 10 15	2998	167660	$\omega$ Sgr	O8	24		21
2949	164883		B0 V	225:		26	2999	167965	HR 6845	B6 V:	201		4 12 15 46*
2950	164975	W Sgr	F8p	25		12	3000	168009	HR 6847	dG0	$\leq 6$		37 42

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3001	168075		O7	75		26	3051	171802	HR 6985	dF2	14		12 37
3002	168137		O8 V	50		26	3052	171834	HR 6987	dF1	55		12 37
3003	168151	36 Dra	F5 V	8		46	3053	172044	HR 6997	Fp	69		4 12 46
3004	168270	HR 6852	B9.5 III	90		46	3054	172052		F5 Ib	12		20
3005	168503		FO II	110		31	3055	172167	$\alpha$ Lyr	A0 V	17		2 5 12 13 46
3006	168608	$\gamma$ Sgr	F8 I	18		12	3056	172187	HR 7003	A5 V	185		46
3007	168656	74 Oph	G8 III	<19:		16	3057	172275		O6	326		18
3008	168723	$\eta$ Ser	K0 III-IV	<19:		16	3058	172385		A0 V	275:		31
3009	168735	HR 6870	AP	0		12	3059	172555	HR 7012	A2	134		12
3010	168775	$\pi$ Lyr	K2 III	<17		16	3060	172569	HR 7013	A8 V	135		46
3011	168797	HR 6873	B5e	300		10	3061	172671	HR 7017	B9 IV	130		46
3012	168905	HR 6875	B3 V	289		12	3062	172748	$\delta$ Sct	F5 III-IV	32		6 12 17
3013	168914	107 Her	A4 V	206		5 46	3063	172777	$\lambda$ CrA	A1 V	131		12
3014	169033	HR 6881	B8 IV-Ve	250		38	3064	172883	HR 7028	B9 V	65		46
3015	169062		A0 V	130		31	3065	172910	HR 7029	B2 V	31		12
3016	169156	$\epsilon$ Sct	K0 III	<17		16	3066	173009	$\epsilon$ Sct	G8 II	<19:		16
3017	169191	HR 6885	K3 III	<17		16	3067	173087	HR 7033	B3 V	130		30
3018	169414	109 Her	K2 III	<17		16	3068	BD+34* 3286		B8 V	150		30
3019	169467	$\alpha$ Tel	B3 III	0		12	3069	173168	$\theta$ Pav	A3	180		12
3020	169702	$\mu$ Lyr	A5 III	165		5 12 46	3070	173300	$\eta$ Sgr	B3 III	68		4 12
3021	169718	HR 6904	A2 V	105		46	3071	173370	4 Aql	B9 V	325		12 15
3022	169978	$\nu$ Pav	B8 III	91		12	3072	173371	MWC 956	B7 IV-Ve	350		38
3023	169985/6 59 Ser	Comp.	B8 III	149		5	3073	173438		B0.5 Ia	79		18
3024	170000	$\phi$ Dra	Ap	86		5 12 13 46	3074	173495	HR 7048	A0 V	130		46
3025	170073	39 Dra <sup>A</sup>	A1 V	175		5 12 13 30 45	3075	173524	46 Dra	Ap	32		5 12
3026	170153	$\chi$ Dra <sup>B</sup>	A5pec	80		30	3076	173582	$\epsilon$ Lyr A	A5 V	200		30 5*
3027	170153	$\chi$ Dra	F7 V	11		6 12 16 17	3077	173583	$\epsilon$ Lyr B	A7 V	150		30 5*
3028	170296	$\alpha$ Sct	A2 V	241		5 12 17	3078	173607	$\epsilon$ Lyr C	A6 V	170		46 5*
3029	170465	$\delta$ Tel	B6 IV	0		12	3079	173608	$\epsilon$ Lyr D	A7 V	205		46 5*
3030	170474	60 Ser	K0 III	<17		16	3080	173638	HR 7055	F2 Ib-II	16		20
3031	170479	HR 6936	A3m	120		12	3081	173648	$\epsilon$ Lyr	Am	30		1 5 12 17 30
3032	170523	$\delta$ Tel	B5 IV	0		12	3082	173649	$\epsilon$ Lyr	F0 IV	230		5 30 46*
3033	170642	HR 6942	A2	151		12	3083	173653		A1 V	31		170
3034	170693	42 Dra	K2 III	<17		16	3084			Am	425		30
3035	170716		B0.5 Ib	67		18	3085	173654	5 Aql B	Am	425		30
3036	170757	RX Her	A0	28		33	3086	173667	110 Her	F6 V	14		6 12 16 17 37 42
3037				68		33	3087	173764	$\theta$ Sct	G5 II	10		12 16 17
3038	170938		B1 Ia	67		18	3088	173780	HR 7064	K5 III	<17		16
3039	170973	HR 6958	Ap	15		46	3089	173785		O9 I	91:		18
3040	171034	HR 6960	B3 IV	173		12	3090	173880	111 Her	A3 V	79		2 5 12 17
3041	171219	MWC 938	B7 IV-Ve	300		38	3091	173936	HR 7073	B7 V	125		46
3042	171301	HR 6968	B8 IV	74		4 12	3092	173948	$\lambda$ Pav	B1 Ve	217		46
3043	171391	HR 6970	G8 III	<19:		16	3093	173987		B0.5 Iab	79		18
3044	171443	$\alpha$ Sct	K3 III	<17		16	3094	174105	MWC 305	B6 IV-Ve	250		38
3045	171589		O7f	126		16	3095	174237	HR 7084	B3 IV	170		170
3046	171623	HR 6977	B9.5 IV	280		46	3096	174240	HR 7085	A0 V	75		46
3047	171635	45 Dra	F7 Ib	18		21	3097	174481	HR 7096	A6 V	185		46
3048			GO II	20:		16	3098	174602	$\nu$ Lyr	A3 V	141		5 12
3049	171779	HR 6983	K0 III	<17		16	3099	174639	$\delta$ Lyr(ft)	B6 V	120		30
3050	171780	HR 6984	B5	310		10	3100	174935	112 Her	B9 II-III	20		1 4 12

no	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3101	174980	HR 7117	K0 II-III	<17	16	3151	177812			B1 Ib	67	18	
3102	BD-0 3584		G8	102	18	3152	177879			A3 V	155	31	
3103	175132	HR 7118	B8 V	95	46	3153	178010			A3 V	95	31	
3104	175156	HR 7119	B5 III	20	4	3154	178125	Y Aql		B7 V	103	1 4	
3105	175191	σ Sgr	B4 IV	213	4 12 15	3155	178175	HR 7249	B2 Ve?	B7 V	103	10 12 15	
3106	165286	50 Dra	A0	54	4 10 12	3156	178207	51 Dra	B9 V	B9 V	173	5 12 46	
3107	175306	o Dra	K0 II-III	<19:	1 5 12	3157	178207	HR 7253	A7 V	A7 V	158	5 46	
3108	175362	HR 7129	B8 IV	0	16	3158	178241			A3 V:	55:	31	
3109	175426	σ Lyr	B3	123	1 4	3159	178253	α CrA		A2	188:	12	
3110	175492/3	113Her	Comp.	0	12 17	3160	178559	TT Aql	F5 I	F5 I	22	21	
3111	175510	λ Tel	B9 III	72	12	3161	178449	17 Lyr	dA7	dA7	127	12 37*	
3112	175535	HR 7137	G8 III	<19:	16	3162	178475	1 Lyr	B7 IV	B7 IV	310:	10 15	
3113	175638	θ Ser	A5 V	136	5 12 17 30 46	3163	178476	HR 7263	dF3	dF3	50	37	
3114	175659	γ Ser	A7 V	196	5 12 30 46	3164	178524	κ Sgr	F2 II	F2 II	27	14 12 16 19	
3115	175687	γ Sgr	A0 I?	14	12	3165	178596	19 Aql	dF2	dF2	104	12	
3116	175751	γ Sct	K2 III	<19:	16	3166	178639			B8 V	110	31	
3117	175813	ε CrA	F0 V	132:	12	3167	179077	B9 III:		B9 III:	45	31	
3118	175824	HR 7154	dF4	50	37	3168	179218	MWC 614	AO IV-Ve	AO IV-Ve	60	38	
3119	175869	64 Sgr	B8 V	105	46	3169	179285			AO V	170:	31	
3120	176051	HR 7162	G0 V	<17	16	3170	179343	MWC 978	Ae	Ae	350:	38	
3121	176095	HR 7163	F5	≤10	37	3171	179406	20 Aql	B3 IV	B3 IV	183	4 10 12 15	
3122	176155	FF Aql	F5 Ia	17	12	3172	179422	HR 7280	F5	F5	40	37	
3123	176162	HR 7166	B5 V	185	4 10 12 15	3173	179648	HR 7286	A2 V	A2 V	160	46	
3124	176232	10 Aql	Ap	91	5	3174	179761	21 Aql	B7 V	B7 V	19	12 46	
3125	176303	11 Aql	F8 III-IV	26	6 12 16 37	3175	179791	HR 7288	A2 V	A2 V	175	46	
3126	176411	ε Aql	K2 III	<17	16	3176	179950	ψ Sgr	dF5	dF5	0	12	
3127	176437	γ Lyr	B9 III	75	5 12 13 46	3177	180006	53 Dra	G8 III	G8 III	<19:	16	
3128	176524	ν Dra	K0 III	<17	16	3178	180165	γ Lyr	B2 IV	B2 IV	20	2 4 12 15	
3129	176527	HR 7181	K2 III	<17	16	3179	180317	1 Sgr	A3	A3	251	5	
3130	176560	HR 7184	A2 V	105	46	3180	180379			A4 V	180	31	
3131	176670	λ Lyr	K3 II	<19:	16	3181	180482	22 Aql	A2 IV	A2 IV	73	5 12 46	
3132	176678	12 Aql	K1 III	<17	16	3182	180540	45 Sgr	G8 II	G8 II	<19:	16	
3133	176687	κ Sgr	A2 IV	102	12	3183	180553	HR 7305	B5 III	B5 III	50	46	
3134	176723	HR 7179	dF1	203	12	3184	180594	1 Vul	B3 IV	B3 IV	130	4 10 12 15	
3135	176795	HR 7199	A0 V	100	30	3185	180555	HR 7307	B9 V	B9 V	147	5 12 46	
3136	176871	HR 7202	B5 V	296	10 12 15	3186	180610	54 Dra	K2 III	K2 III	<19:	16	
3137	176984	14 Aql	A0	64	5	3187	180711	σ Dra	G9 III	G9 III	<17	16	
3138	176984	14 Aql	A0	64	7	3188	180777	59 Dra	F2 V	F2 V	55	6 12	
3139	170003	HR 7210	B5 V	7	4 12 15	3189	180782	HR 7313	B9 V	B9 V	215	46	
3140	177074	HR 7211	A0 IV	107	12	3190	180809	θ Lyr	K0 II	K0 II	<19:	16	
3141	177171	μ Tel	dF8	46	12	3191	180868	ω Aql	A5	A5	113	5 12	
3142	177178	HR 7214	A5 V	160	46	3192	180885	HR 7316	B4 IV	B4 IV	158:	12	
3143	177196	16 Lyr	A5	129	5 12	3193	180939	BS Vul	B5 V	B5 V	80	12	
3144	177442		K4 III	≤25	30	3194	180968	ES Aql	B0.5 IV	B0.5 IV	332	4 12	
3145	177463	15 Aql	K1 III	≤25	30	3195	180972	23 Aql	K2 II-III	K2 II-III	<19:	16	
3146	177474	γ CrA	F8 V	0	12	3196	180996	HR 7322	dF3	dF3	76	37 42	
3147	177482	σ Oct	F0	108	12	3197	181182	U Sge	Comp.	Comp.	76	32	
3148	177517	HR 7230	Ap	245	5	3198	181276	κ Cyg	K0 III	K0 III	<17	16	
3149	177724	κ Aql	B9 V	331	5 13 39 46	3199	181296	γ Tel	AO	AO	323	12	
3150	177756	λ Aql	B8.5 V	176	2 12 13	3200	181333	28 Aql	σ P4:	σ P4:	59	6 12	

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3201	181383	29 Aql	A3 V	160	46	46	3251	184930	ι Aql	B5 III	105	4	10 12 15
3202	181391	26 Aql	G8 III-IV	<17	16	16	3252	184960	HR 7451	F8 V	46	42	42
3203	181440	27 Aql	B9 V	77	12	12	3253	184961	HR 7452	A0	50	46	46
3204	181454	β Sgr	B8 V	94	12	12	3254	185037	ι Cyg	E7 IV-Ve	400:	38 39	38 39
3205	181572	μ Sgr	A2 V	<50:	12	12	3255	185144	σ Dra	K0 V	<17	16	16
3206	181577	ρ Sgr	F0 IV	74	12	12	3256	185351	HR 7468	K0 III	<19:	16	16
3207	181615/6	ν Sgr	Apep	58	1 4 12	12	3257	185395	θ Cyg	F5 IV	7	3 6 12 16 17 37 42	37 42
3208	181623	β Sgr	dF1	126	12	12	3258	185507	σ Aql	B3 V	117(br)	33 1* 4*	33 1* 4*
3209	181686	α Sgr	A0 V	150	12	12	3259	185758	α Sge	G0 II	135(ft)	12 16 17	12 16 17
3210	181869	α Sgr	B9 III	92	12	12	3260	185758	α Sge	G0 II	0	12 16 17	12 16 17
3211	181960	HR 7351	A0 V	125	46	46	3261	185762	45 Aql	A0	96	5	5
3212	181984	τ Dra	K3 III	<17	16	16	3262	185837	HR 7481	A3 V	80	46	46
3213	182080	HR 7354	Am	<50	31	31	3263	185872	4 Cyg	Apec	45	4 12	4 12
3214	182101	HR 7354	F6 V	12	37 42	42	3264	185958	β Sge	G8 II	<19:	16	16
3215	182255	3 Vul	B6 III	52	4 12 15 46	46	3265	186005	55 Sge	F0 III	133	6 12	6 12
3216	182308	HR 7361	B9 IV	145:	46	46	3266	186155	HR 7495	F2 III	42	12 37	12 37
3217	182337	α Sgr	A0 V	280	31	31	3267	186185	HR 7496	F6 IV	9	12	12
3218	182369	α Sgr	dA5	68	12	12	3268	186203/4	α Aql	Comp.	0	12	12
3219	182494	HR 7361	A0 V	185:	31	31	3269	186219	HR 7498	Am	72	12	12
3220	182564	κ Dra	A2 IV	27	5 12 13	13	3270	186377	HR 7502	A4 III	65	46	46
3221	182568	2 Cyg	B3 IV	158	4 12 15	15	3271	186408	16 Cyg	G2 V	410	30 37	30 37
3222	182572	31 Aql	G8 IV	<17	16	16	3272	186427	HR 7504	G5 V	410	30 37	30 37
3223	182640	δ Aql	F0 IV-V	83	2 3 6 12 16 17	17	3273	186440	HR 7505	A1 V	155	46	46
3224	182762	4 Vul	K0 III	<19:	16	16	3274	186486	10 Vul	G8 III	<17	16	16
3225	182807	HR 7386	F6 V	≤6	37 42	42	3275	186675	15 Cyg	G8 III	<19:	16	16
3226	182835	ν Aql	F2 Ib	12	6 12 16 17 20	20	3276	186760	HR 7522	F8	410	37	37
3227	182900	HR 7389	F6 III	30	37	37	3277	186791	α Aql	K3 II	<17	16	16
3228	182904	HR 7389	A4 V	160:	31	31	3278	186882	δ Cyg	A0 III	139	5 12 13 46	5 12 13 46
3229	182919	5 Vul	A0 V	150	46	46	3279	186901	HR 7529	B9.5 III	50	30	30
3230	183019	HR 7351	B2 III	60	31	31	3280	186902	HR 7502	B9.5 V	250	30	30
3231	183056	4 Cyg	A0 V	32	12	12	3281	186957	HR 7531	A2	50	12	12
3232	183227	HR 7397	B8 V	35	46	46	3282	186980	HR 7567	B1 IV?	138	18	18
3233	183224	35 Aql	B9 V	90	46	46	3283	186994	HR 7567	G0.5	126	18	18
3234	183334	7 Cyg	A0 V	55	46	46	3284	187013	17 Cyg	F5 V	9	12 16 37 42	12 16 37 42
3235	183656	HR 7415	B6pe	180	38 46	46	3285	187203	HR 7542	G0 Ib	28	20	20
3236	183912	HR 7415	A3 II:	≤25	30	30	3286	187362	κ Sge	A3 V	225	12* 46	12* 46
3237	183914	8 Cyg	B8 Ve	250	30 38	38	3287	187459	HR 7551	B0.5 Ib	126:	18	18
3238	183986	HR 7419	B9.5 III	100	46	46	3288	187474	HR 7552	A0	12	12	12
3239	184006	ι Cyg	A2 V	211	5 13	13	3289	187642	α Aql	A7 IV-V	231	0	0
3240	184146	HR 7425	A2 V	105	46	46	3290	187691	o Aql	F8 V	≤6	2 5 12 17 39 46	2 5 12 17 39 46
3241	184171	8 Cyg	B3 IV	10	4 12 15	15	3291	187811	12 Vul	B3 Ve	281	4 10 12 15	4 10 12 15
3242	184406	μ Aql	K3 III	<19:	16	16	3292	187879	HR 7567	B1 IV?	84	33	33
3243	184474	HR 7425	A2 V	<50	31	31	3293	187921	SV Vul	K0	24	21	21
3244	184552	51 Sgr	Am	0	12	12	3294	187923	HR 7569	G2 V	≤10	37	37
3245	184606	9 Vul	B7 V	235	12* 13	13	3295	187929	7 Aql	F6 Ib	0	12	12
3246	184663	HR 7438	F2	40	37	37	3296	188001	9 Sge	O8r	110	18	18
3247	184707	52 Sgr	B9	68	12	12	3297	188056	20 Cyg	K3 III	<19:	16	16
3248	184759/60	9 Cyg	Comp.	26	6 12	12	3298	188107	HR 7580	B9 V	260	46	46
3249	184875	HR 7444	A1 IV	87	5 12 46	46	3299	188119	ε Dra	G8 III	<19:	16	16
3250	184915	α Aql	B0.5 III	276	12 18	18	3300	188162	HR 7587	A0	51	12	12



No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3301	188209	HR 7589	O9.5 III	91		10 18	3351	237696		B0.5 III	244:		18
3302	188211	BDS 9705 A1 V		≤25		30	3352	191096	HR 7692	B0.5 III	40		37
3303	188212	BDS 9705 Am V		60		30	3353	191139		B0.5 III	55		16
3304	188228	ε Pav	A0 V	132		12	3354	191195	HR 7697	dF4	≤10		37
3305	188260	13 Vul	A0 III	50		5 12 13	3355	191201		B0 III	138		18
3306	188293	57 Aql <sup>A</sup>	B6 V	350		30	3356	191230		A5 V	175		31
3307	188294	B8 V	B6 V	250		30	3357	191314		A1 V	<50		31
3308	188310	ξ Aql	K0 III	<19:		16	3358	191386		A7 V	220		31
3309	188350	58 Aql	B9 V	130		46	3359	191495		B0 V	362:		18
3310	188485	HR 7601	A0 III	117		5 46	3360	191566		B0.5 IV	79:		18
3311	188512	β Aql	G8 IV	≤16		3 16	3361	191610	28 Cyg	B3 Ve	310		4 10 12• 15
3312	188665	23 Cyg	B5 V	145		4 10 12 15	3362	191612		O8	102:		18
3313	188727	S Sge	F6 Ib	20:		21	3363	191617		A0 V	215		31
3314	188728	φ Aql	A1 V	44		1 5 12	3364	191692	θ Aql	B9 IV	52		1 2 5 12
3315	188793	HR 7611	A1 IV	110		46	3365	228053		B1 II	79		18
3316	188892	22 Cyg	B6 III	108		4 10 12 15	3366	191747	18 Vul	A3 III	41		12
3317	188899	61 Sgr	A2 IV	102		5 12	3367	191917		B1 III	43		18
3318	188947	γ Cyg	K0 III	<19:		16	3368	191978		O8	138		18
3319	189037 <sup>A</sup>	ψ Cyg <sup>B</sup>	A3 IV-V	276		5 12• 17 30 39 46	3369	192044	20 Vul	B7 Ve?	350		38
3320	189037 <sup>B</sup>		A7 V	120		30	3370	192281		O5f	290		18
3321	189090	11 Sge	B9 IV	52		12 46	3371	192422		B0.5 Ib	79:		18
3322	189103	θ <sup>1</sup> Sgr	B3 IV	79		12	3372	192425	μ Aql	A2 V	152		5 12 13
3323	189118	θ <sup>2</sup> Sgr	Am?	0		12	3373	192455	68 Dra	dF5	≤10		37
3324	189178	HR 7628	B5 Vp?	115		15	3374	192514	30 Cyg	A3 III	146		12 13 46
3325	189245	HR 7631	F8 V	86		15	3375	192518	21 Vul	A5 V	188		5 12 46
3326	189276	HR 7633	K5 II-III	<19:		12	3376	192520		A2 V	<50		31
3327	189296	HR 7634	A1 V	175		46	3377	192577	ο <sup>1</sup> Cyg	K3 II	<25		30
3328	189319	γ Sge	K5 III	<17		16	3378	192579		B5 V	≤25		30
3329	189395	HR 7640	B9 III	184:		12	3379	192639		O8f	120		18
3330	189687	25 Cyg	B3 Ve	229		4 10 12• 15	3380	192640	29 Cyg	A2pec	91		5 12 13
3331	189689	MVC 625	B7 IV-Ve	150		38	3381	192685	HR 7739	B3 V	249		4 12 15
3332	189849	15 Vul	Am	25		5 12 17	3382	192688		A4 V	66		31
3333	190004	16 Vul	F5 II	121		12	3383	192696	33 Cyg	A3 IV-V	268		5 12 17 39 46
3334	190147	26 Cyg	K1 II-III	<19:		16	3384	192713	22 Vul	G2 Ib	17:		16
3335	190150	MVC 998	B6 IV-Ve	300:		38	3385	192806	23 Vul	K3 III	<19:		16
3336	190229	14 Sge	B8 II-III	61		5 12	3386	192876	α <sup>1</sup> Cap	K3 Ib	<17		16 17
3337	190406	15 Sge	G1 V	4		37 42	3387	192907	× Cep	B9 III	16		12 13 46
3338	190429N		O5f	170		18	3388	192909	ο <sup>2</sup> Cyg	Comp.	<25		17
3339	190517		A5 V	195:		31	3389	192934	HR 7752	B9.5 Vp	90		46
3340	190603	HR 7678	B1.5 Ia	≤32		18	3390	192944	24 Vul	G8 III	<19:		16
3341	190608	γ Sge	K2 III	<19:		16	3391	192947	α <sup>2</sup> Cap	G9 III	<17		16
3342	190663		Am	<50		31	3392	192954	MVC 335	B6 IV-Ve:	350		38
3343	190864		O6f	100		18	3393	192983	HR 7755	A1 V	335		46
3344	190870		A0 V	450:		31	3394	192985	HR 7756	F5	<10		37
3345	190924		A0 V	170		31	3395	193007		B0.5 II	50		26
3346	BD+35°3956		B0.5 V	300		26	3396	193092	HR 7759	K4 II	<19:		16
3347	227634		B0 Ib	82		18 26	3397	193182	MVC 632	B7 IV-Ve:	200		32 38•
3348	190940	ρ Dra	K3 III	<19:		16	3398	193237	P Cyg	Bpec	75		12
3349	190967		B1 Ib-II	161:		18	3399	193332	HR 7767	O8	200:		10
3350	190993	17 Vul	B3 V	214		4 10 12 15	3400	193369	36 Cyg	A3 V	105		46

Ho	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3401	193370	35 Cyg	F5 Ib	13		6 12 16 20	3451	196724	29 Vul	A0 V	54		5 12 13
3402	193432	v Cap	B9 V	12		5 12 13	3452	196740	28 Vul	B5 V	350		10 12* 15
3403	193495/6	$\beta$ Cap	Comp.	0		12	3453	196755	x Del	G5 IV	<19:		16
3404	193514	O7i	O7i	120		18	3454	196758	1 Aqr	K1 III	<19:		16
3405	193722	HR 7786	Ap	250		46	3455	196822		A0 V	<50		31
3406	193894	A0 V	A0 V	50		31	3456	196867	$\alpha$ Del	B9 V	158		4 12 13 46
3407	193911	25 Vul	B7 IVe	250		38	3457	197051	7 Pav	A5 IV	74		12
3408	193924	$\alpha$ Pav	B3 IV	24		12	3458	197120	HR 7917	A3 V	110		46
3409	193964	71 Dra	B9 V	0		46	3459	197157	$\uparrow$ Ind	dA9	117		12
3410	194012	HR 7793	F8 Ib	6		37 42	3460	197345	$\alpha$ Cyg	A2 Ia	21		2 5 12 13 46
3411	194013	HR 7794	G8 III-IV	<19:		16	3461	197373	HR 7925	dF4	30		37
3412	194093	F8 Ib	F8 Ib	20		6 16 17 20	3462	197419	HR 7927	B2 Ve	115		35
3413	194179	$\tau$ Cyg	A2 V	340		31	3463	197460		B0.5 Ib	185		18
3414	194225	A0 V	A0 V	<50		31	3464	197461	$\uparrow$ Del	A7 III(m?)	41		5 12 17
3415	194244	HR 7803	B8.5 V	265:		46	3465	197508	HR 7930	Am	65		46
3416	194317	39 Cyg	K3 III	93		16	3466	197511	51 Cyg	B2 V	42		4 12 15
3417	194636	x Cap	B8	93		4 12	3467	197572	x Cyg	F7 Ib	22		21
3418	194839	MWC1017	B0.5 Ia	79		18	3468	197692	$\psi$ Cap	F5 V	37		12
3419	194943	$\rho$ Cap	F2 IV	105		12 16	3469	197734	HR 7938	A1.5 IV	55		46
3420	195050	40 Cyg	A3 V	133		5 12	3470	197752	30 Vul	K2 III	<17		16
3421	195055	A7 V	A7 V	100:		31	3471	197912	52 Cyg	K0 III	<17		16
3422	195066 <sup>a</sup>	HR 7827 <sup>a</sup>	B9 V	165		46	3472	197937	$\iota$ Mic	F1 V	84		12
3423	195093	B A8 V	A2 V	75		4 6	3473	197950	4 Cep	A6 V	205		46
3424	195094	o CapA	A2 V	150		30	3474	197963	$\gamma^1$ Del	F7 V	$\leq 25$		30
3425	195094	41 Cyg	F5 II	325		30 39	3475	197964	$\gamma^2$ Del	K1 IV	0		12 30
3426	195295	$\uparrow$ Del	A0pe	320		2 6 12 16 17 19	3476	197989	$\epsilon$ Cyg	K0 III	<17		16
3427	195325	1 Del	A1 V	300		38*	3477	198001	$\epsilon$ Cyg	A1 V	115		5 12 13
3428	195345	EO IVpe:	EO IVpe:	310		31	3478	198069	$\iota^5$ Del	B9 V	202		5 46
3429	195407	A7 V	A7 V	<50:		32	3479	198084	HR 7955	F8 IV-V	0		12 16 17 37
3430	195411	B8 IV-Ve	B8 IV-Ve	250		31	3480	198134	$\tau$ Cyg	K3 III	<19:		16
3431	195554	$\omega$ Cyg	B2 V	184		38	3481	198149	$\uparrow$ Cap	K0 IV	<17		16
3432	195556	MWC 347	O9.5 Ia	79		4 12 15	3482	198151	HR 7958	A2 V	125		46
3433	195592	$\psi$ Pav	FO V	113		18	3483	198183	$\lambda$ Cyg	B5 V	168		4 12 15 38
3434	195627	$\theta$ Pav	F0 V	113		12	3484	198390	15 Del	dF4	$\leq 10$		37
3435	195725	$\theta$ Cep	Am	59		5 12 17 46	3485	198478	55 Cyg	B3 Ia	32		4 12 15 18
3436	195810	$\epsilon$ Del	B6 III	52		2 4 12 15	3486	198513	HR 7978	B8 V	100		46
3437	195943	7 Del	A2 V	70		5 12 46	3487	198639	56 Cyg	A4m?	90		5 12
3438	196057	A1 V	A1 V	115:		31	3488	198667	5 Aqr	B8	5 4 12		4 12
3439	196083/4	47 Cyg	Comp.	<25		17	3489	198743	$\mu$ Aqr	Am	53		12 17
3440	196180	$\zeta$ Del	A3 V	119		5 12 13	3490	198809	31 Vul	G8 III	<19:		16
3441	196366	$\phi^2$ Pav	F8 V	80		31	3491	198846 <sup>b</sup>	$\gamma$ Cyg	B0 IV	146		33
3442	196378	AF Dra	Ap	0		12	3492	199081	57 Cyg	B5 V	148		33
3443	196502	27 Vul	B9 V	300		46	3493	199081	76 Dra	B9 V	69		1 4 15
3444	196504	$\delta$ Del	F5 III	56		6 12 16 17	3494	199095	EW Vul	B2 III	40		46
3445	196524	71 Aql	G8 III	<19:		16	3495	199140	52 Vul	B2 III	26		25
3446	196574	48 Cyg	B8 IV(p?)	80		30	3496	199169	32 Vul	K4 III	<17		16
3447	196606	HR 7887	FO V	150		30	3497	199216	17 Del	B1 II	67		18
3448	196629	$\tau$ Cap	B6 III	151		4 10 12 15	3498	199253	16 Del	K0 III	<19:		16
3449	196662	HR 7890	B7 IV-Ve	250		38	3499	199254	17 Del	A4 V	135		46
3450	196712						3500	199532	$\alpha$ Oct	F4 III	57		12

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3501	199579	HR 8023	O6	170		10	3551	203280	$\alpha$ Cep	A7 IV-V	240		5 12 17 39 46
3502	199629	$\nu$ Cyg	A0 V	241		5 12* 13 46	3552	203292		A3 V	100		31
3503	199786	1 Equ	F5 IV	56		12 16	3553	203356	MWC1043	B8 IV-Ve	350:		38
3504	199892	HR 8036	B8 V	100:		46	3554	203387	1 Cap	G8 III	<17		16
3505	199941	HR 8037	F2	40		37	3555	203454	HR 8170	F8 V	12		37
3506	199942	HR 8038	A7 V	145		46	3556	203467	B3 Ve	B3 Ve	148		3* 12 15
3507	199960	11 Agr	G1 V	$\leq$ 10		37	3557	203504	1 Peg	K1 III	<17		16
3508	200163	$\Sigma$ Mic	dF2	47		12	3558	203562	$\theta$ Equ	A0	78		5 12
3509	200310	60 Cyg	B1 Ve	320:		10 12 15	3559	203608	$\gamma$ Pav	F6 V	0		12
3510	200499	$\gamma$ Cap	A3m?	82		5 12	3560	203749		A4 V	170:		31
3511	200614	HR 8065	B8 V	60		46	3561	203873		A5 III	75		31
3512	200753	HR 8074	F2 III	190		46	3562	203938		B0.5 IV	220		18
3513	200761	$\theta$ Cap	A0 V	123		5 12	3563	204018	HR 8202	Am	53		12
3514	200780		F0 V	<50		31	3564	204075	$\nu$ Cap	G4 Ibp	<19		16
3515	200790	4 Equ	F8	$\approx$ 6		37 42	3565	204121	HR 8205	F5	12		37
3516	200864		A7 V:	85		31	3566	204249		A2 III	<50		31
3517	200905	$\xi$ Cyg	K5 Ib	<17		16	3567	204403	70 Cyg	B3 V	135		4 12 15
3518	200963		A4 III	60		31	3568	204411	HR 8216	Ap	32		5 12
3519	201078	DT Cyg	F5-5 I-II	0		12 16	3569	204414	35 Vul	A1 V	97		5 12
3520	201091	K5 V		<17		16 30	3570	204754	HR 8226	B7 IV	0		46
3521	201092	61 CygB	K7 V	$\approx$ 25		30	3571	204770	7 Cep	B7	295		4 10 12* 15
3522	201184	$\times$ Cap	A0 V	199:		12	3572	204771	71 Cyg	K0 III	<19:		16
3523	201381	$\nu$ Agr	G8 III	<17		16	3573	204862	HR 8231	B9 V	190		46
3524	201508		A7 V	125:		31	3574	204867	$\rho$ Agr	G0 Ib	18		16 17 21
3525	201601	$\gamma$ Equ	Fp	10		6 12 14 17 30	3575	204949		F0 III:	115:		31
3526	201616	6 Equ	A2 V	60		30	3576	204965	HR 8237	A1 III	65		46
3527	201726		A3 V	0		31	3577	205021	$\beta$ CepB	A1 V:	28		1 12 25 30
3528	201772	5G Mic	dF4	0		12	3578	205028		F0 V:	60:		30
3529	201836	HR 8107	B5 V	120		30	3579	205028		F0 V	70		31
3530	201837		M5 III	$\approx$ 25		30	3580	205314	HR 8246	B9 V	265		46
3531	201908	HR 8112	B8 V	210		46	3581	205435	$\rho$ Cyg	G8 III	<19:		16
3532	201910		B5 V	235		35	3582	205512	72 Cyg	K1 III	<17		16
3533	202109	$\Sigma$ Cyg	G8 II	<17		16	3583	205541	HR 8258	A3 V	170		46
3534	202124		O9.5 Ib	114		18	3584	205551	HR 8259	B8 IV-Ve	200		38
3535	202187		A7 V	170		31	3585	205637	$\epsilon$ Cap	B3 V?p	274		10 12 15
3536	202214	HR 8119	B0 V	70		4	3586	205767	$\eta$ Agr	A7 V	157		5 12 17
3537	202243		A0 V	160		31	3587	205811	$\zeta$ Peg	A1 V	93		30 46
3538	202275	$\delta$ Equ	F8 V	10		6 12 17	3588	BD+5 4829		F2 V	30		30
3539	202444	$\tau$ Cyg	F0 IV	94		3 6 12 17	3589	205835	74 Cyg	A4 V	171		5 12 46
3540	202447	$\alpha$ Equ	Comp.	29		6 12 17	3590	205852	5 Peg	F0 IV	134		6 12
3541	202553		A7 V	55		31	3591	205943		A4 III	80		31
3542	202627	$\epsilon$ Mic	A2p	104		12	3592	206067	25 Agr	K0 III	<19:		16
3543	202671	30 Cap	B8	61		4 12	3593	206088	$\times$ Cap	Am	30		6 12 14
3544	202720	$\theta$ Ind	A5 V	133		12	3594	206155	EE Peg	A7 V	45		33
3545	202850	$\phi$ Cyg	B9 Iab	29		1 5 12 13 46	3595	206165	9 Cep	B2 Ib	35		4 12 15
3546	202885		A0 V	95		31	3596	206265		B9 III	165:		31
3547	202904	$\nu$ Cyg	B2 Ve	261		4 10 12 15	3597	206267	HR 8281	O6	185:		1* 10* 18
3548	202923	HR 8147	A0 IV	85		46	3598	206301	42 Cap	G2 IV	17		16
3549	203006	$\theta$ Mic	A0	48		12	3599	206453	$\times$ Cap	G8 III	<19:		16
3550	203064	68 Cyg	O8f	328		10 18	3600	206538	76 Cyg	A2 V	120		46

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3601	206644	77 Cyg	A0	90		1 12	3651	209515	HR 8407	Ap	116		5
3602	206672	$\epsilon^1$ Cyg	B3 V	109	4 12 15		3652	209522	25 Psa	B5 V	300		10
3603	206742	$\iota$ Psa	Ap	0	12		3653	209625	32 Agr	Am	51	5 12	1
3604	206773	MWC 376	B0 V:pe	480:	18		3654	209711	$\gamma$ Peg	K4 III:	<17		31
3605	206778	E Peg	K2 Ib	<17	16		3655	209747	$\alpha$ Agr	K5 III:	<17	16 17	16
3606	206826	$\mu$ Cyg	F6 V	18	3 6 12 16 17		3656	209750	$\alpha$ Agr	G2 Ib	<17	16 17	16
3607	206834	46 Cap	G8 II-III	<17	16		3657	209790	$\xi$ Cep	Am	53	5 12 17 30 46	20
3608	206859	9 Peg	G5 Ib	20	16 21		3658	209791	$\nu$ Cep	F7 V	$\leq 25$		30
3609	208860	HR 8314	dG0	11	37 42		3659	209819	$\iota$ Agr	B8 V	155	4 12 13	15
3610	206901	$\pi$ Peg	F5 IV	29	12 17		3660	209833	23 Peg	A0 V	360		46
3611	206932	11 Cep	K0 III	<17	16		3661	209932	HR 8422	B9 V	90		46
3612	207052	$\lambda$ Cap	A2 V	190	5 12		3662	209942	HR 8423	F7 V	30		30
3613	207098	$\rho$ Cap	Am	104	1 5 12		3663	209945	HR 8424	K5 III	<17		16
3614	207130	78 Dra	K1 III	104	16		3664	209952	$\alpha$ Gru	B5 V	290		12
3615	207155	$\theta$ Psa	A2 III	149	12		3665	209960	20 Cep	K4 III	<17		16
3616	207198	HR 8327	O9 II	80:	10		3666	209961	HR 8427	B2 V	160		28
3617	207203	11 Peg	A0 V	139	5 12		3667	209975	19 Cep	O9.5 Ib	33	4 10 12	4
3618	207218	HR 8329	A2 V	90	4 6		3668	210027	$\iota$ Peg	F5 V	7	6 12 16 17 37 42	7
3619	207232	MWC 377	B7 IV-Ve	330	38		3669	210049	$\mu$ Psa	A2 V	237		12
3620	207260	$\nu$ Cep	A2 Ia	33	5 12 13		3670	210076	$\lambda$ Cep	A4 V	<50		31
3621	207330	$\kappa^2$ Cyg	B3 III	48	4 12 15		3671	210129	25 Peg	B7 V	200		38
3622	207336	HR 8342	B9 V	205	4 6		3672	210221	HR 8443	A3 Ib	26	20 46*	20
3623	207690	14 Peg	A0 V	81	5 12		3673	210253	A0 V	A0 V	100		31
3624	207652	13 Peg	F2 III	71	12 37		3674	210371	29 Psa	A5 V	201		31
3625	207673	HR 8345	A2 Ib	21	20		3675	210418	6 Peg	A2 V	129	5 13 46	5
3626	207956	AW Peg	A2	85:	33		3676	210424	38 Agr	B6 III	12	4 12 15	4
3627	207958	$\mu$ Cap	F0 V	87	12		3677	210459	$\pi$ Peg	F5 II-III	139	12 14 16 17 37*	12
3628	207971	$\gamma$ Gru	B8 III	57	37 42		3678	210671	HR 8463	A3 V	70		31
3629	207978	15 Peg	dF0	$\leq 6$	12		3679	210715	$\tau$ Cep	K1 Ib	122	5 12 46	5
3630	208057	16 Peg	B3 V	152	4 10 12 15		3680	210745	$\zeta$ Cep	K1 Ib	<17		16
3631	208063		A1pec	60	30		3681	210763	HR 8467	F5	12		37
3632	208095	HR 8357	B7 V	120:	30		3682	210807	24 Cep	G8 III	<19:		16
3633	208321	HR 8366	A3 V	222	12		3683	210809	09 Ib	O6f	114	18	18
3634	208392	MWC 380	B1 IV	304	26 30		3684	210839	$\lambda$ Cep	O6f	285	4 10 12 18	4
3635	208419		A0 V	170	51		3685	210855	HR 8472	F8 V	0	12 16 37	12
3636	208440		B1 V	140	30		3686	210889	HR 8475	K2 III	<19:		16
3637	208450	$\delta$ Ind	F0 IV	110	12		3687	210934	$\lambda$ Psa	B8 III	38		12
3638	208501	13 Cep	B8 Ib	53	4		3688	211073	HR 8485	K3 III	<17		16
3639	208509		A2 V	85	4 6		3689	211096	HR 8487	A0	111		5
3640	208565	17 Peg	A2 V	240	4 6		3690	211211	HR 8489	B9 V	245		46
3641	208682	HR 8375	B2 IV	350:	10		3691	211387	HR 8491	B9 V	305		46
3642	208703	HR 8376	dF2	12	37		3692	211536	$\epsilon$ Cep	F0 IV	86	6 12 16 17	6
3643	208718		Am	60	30		3693	211388	1 Lac	K3 II-III	<19:		16
3644	ADS 15493B		F2 V	120	30		3694	211391	$\theta$ Agr	G8 III-IV	<17:		16
3645	208727	HR 8377	B2 V	140	4 6		3695	211575	HR 8507	F5	12		37
3646	208947	HR 8384	B8 V	250	30		3696	211627	MWC 652	A3 V	70		31
3647	208971	HR 8384	M2 III	$\leq 25$	30		3697	211835	MWC 652	B3 Ve	265		28
3648	209149	HR 8591	F5	40	37		3698	211838	$\rho$ Agr	B8 V	72	4 12	4
3649	209369	16 Cep	F5 V	26	16 12		3699	211924	30 Peg	B5 III	38	4 12 15	38
3650	209409	$\omicron$ Agr	B8 Ve	325	15 38		3700	211925		A3 III	80:		31

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3701	211976	HR 8514	dF4	7		37 42	3751	214698	41 Peg	A2 V	80		46
3702	211977	A3 V	dF5	90		31	3752	214734	30 Cep	A1 V	140		46
3703	212061	γ Agr	A0 V	82		5 12 13	3753	214748	ε Psa	B8 Ve	290		12
3704	212076	31 Peg	B2 Ve	134		10 12 15	3754	214846	δ Oct	dA9	64		12
3705	212097	52 Peg	B8 V	81		4 12 13	3755	214868	11 Lac	K3 III	<17		16
3706	212120	2 Lac	B6 IV	47		1 4 12	3756	214923	t Peg	B8 V	196		4 12 13 46
3707	212187	HR 8536	dF5	≤10		37	3757	214930		B3 V	0		35
3708	212495	HR 8537	B9 V	165		46	3758	214993	DD Lac	B2 III	64		4 15 25 28
3709	212496	β Lac	G9 III	<17		16	3759	214994	α Peg	A1 V	6		5 12 13
3710	212571	τ Agr	B1 Ve	278		4 12* 32	3760	215167	66 Agr	K4 III	<19:		16
3711	212593	4 Lac	B9 Iab	29		4 12 13 46	3761	215182	γ Peg	G2 II-III	9		14 16 17
3712	212623	Am	B9 V	105		5 12 46	3762	215243	HR 8653	F5	≤6		37 42
3713	212710	HR 8546	B9 V	219		5 12 46	3763	215373	13 Lac	K0 III	<19:		16
3714	212754	34 Peg	dF5	7		37 42	3764	215573	γ Oct	B5	0		12
3715	212883	HR 8549	B2 V	25		28	3765	215648	t Peg	F7 V	7		6 12 14 16 17 42
3716	212943	35 Peg	K0 III	<19:		16	3766	BD <sub>2</sub> 39 <sup>4926</sup>	Hor-branch	G8 II-III	≤50		24
3717	212978	B2 V	B2 V	115		28	3767	215665	A Peg	B1 II	<19:		16
3718	213051	τ Agr	F2 IV	69		12 16 17*	3768	215733	B1 II	A2 V	67:		18
3719	213052	κ Agr	F2 IV	59		12 16 17*	3769	215789	ε Gru	A2 V	230		12
3720	213235	37 Peg	F5 III	67		12 14 16	3770	215835		O6n	244:		18
3721	213306	δ CepA	F5 Ib	9		12 30*	3771	215907	HR 8677	B9 III	60		46
3722	213307	β CepB	B8 V	135		12 30	3772	216014	AH CepB	A B0.5 III	185		33
3723	213320	σ Agr	A0 IV	25		12 13	3773	216057	HR 8682	B5 IV-Ve	172		33
3724	213323	36 Peg	B9 V	104		5 46	3774	216131	μ Peg	K0 III	7		370
3725	213398	β Psa	A0 V	0		12	3775	216131	μ Peg	K0 III	7		14 16
3726	213403	28 Cep	A2 Vm	45		46	3776	216200	14 Lac	B3 IV	225		28
3727	213420	6 Lac	B2 IV	74		4 15 28	3777	216228	ι Cep	K1 III	<19:		16
3728	213429	HR 8581	F8	≤6		37 42	3778	216336	γ Psa	A0 V	50		12
3729	213437	α Lac	A5 V:	60:		31	3779	216385	φ Peg	F7 IV	0		12 16 17 37 42
3730	213558	α Lac	A2 V:	146		5 12 13	3780	216411	MWC1074	B1 Ia	91		18
3731	213660	HR 8588	A3 IV	100		46	3781	216446	HR 8702	K3 III	<19:		16
3732	213798	ρ Cep	A0 V	115		5 12 46	3782	216532		O8	244:		18
3733	213840	γ Agr	A5 V	<50		31	3783	216534		B5 V	74		28 35
3734	213845	ν Agr	F3 V	18		12	3784	216608	HR 8708	Am	50		46
3735	213876	η Agr	B1.5 V	135		28	3785	216627	δ Agr	A3 V	89		5 12
3736	213998	γ Agr	B8 V	288		13	3786	216662		A5 IV	175		31
3737	214035	HR 8599	A0 V	100		46	3787	216684		B5 V	125		28
3738	214080	HR 8602	A2	102		18	3788	216735	ρ Peg	A1 V	103		5 12 13
3739	214150	HR 8602	A2	58		12	3789	216756	HR 8718	F2	≤10		37
3740	214167	8 Lac B	B2 V	40		28 30	3790	216851	MMC 660	B3 Vn	310		28
3741	214168	8 Lac A	B1 Ve	348		10 4 28 30	3791	216916	EH Lac	B2 IV	22		1 4 12 25 28
3742	214240	HR 8606	B3 V	60		28	3792	216956	α Psa	A3 V	85		2 12
3743	214263	B2 V	B2 V	125		28	3793	217014	51 Peg	G4 V	≤3		42
3744	214376	κ Agr	K2 III	<19:		16	3794	217050	EW Lac	B2pe	350		4 10 12* 15
3745	214432	B5 V	B5 V	185		28	3795	217101	HR 8733	B2 IV-V	150		28
3746	214454	9 Lac	A7 IV	90		5 12 17 46	3796	217194		AO V	45:		31
3747	214470	31 Cep	F4 II-III	87		6 12 16	3797	217227		B2 V	30		12
3748	214484	HR 8616	Am	0		12	3798	217256	HR 8740	A5	90		28
3749	214652	HR 8616	B2 V	115		28	3799	217249		A7 III	50		31
3750	214680	10 Lac	O9 V	23		2 4 10 12 18 28	3800	217382	HR 8748	K4 III	<17		16

No	H D	Name	Sp	Vsin i	R	Source	No	H D	Name	Sp	Vsin i	R	Source
3801	217475	HR 8752	G0 Ia	35		12 16	3851	220278	97 Agr	A3	154		5 12
3802	217543	HR 8758	B3e	370		28	3852	220300	MWC1081	B6 IV-Ve	28		38
3803	217675	o And	B5 IV-Ve	330		10 12 15 38	3853	220318	65 Peg	B9.5 IV	25		46
3804	217782	z And	A0 V	190		5 12 46	3854	220365	66 Peg	K5 III	<19:		16
3805	217792	τ Psa	F0 IV	0		12	3855	220582	MWC 661	B6 IV-Ve	320		38
3806	217811	HR 8768	B2 V	25		18	3856	220599	67 Peg	B9 III	110		5 12
3807	217831	HR 8769	F2 III	87		12	3857	220657	ν Peg	F8 IV	79		12 16 17 37
3808	217891	♁ Psc	B5 Ve	147		10 12 15	3858	220729	o Gru	F3 IV	0		12
3809	217926	HR 8776	F2	50		37	3859	220762	A7 V	A7 V	130		31
3810	218029	HR 8779	K3 III	<17		16	3860	220825	x Psc	Ap	47		5 12 13
3811	218031	z And	K0 III	<17		16	3861	220885	13 And	B8 V	120:		46
3812	218045	α Peg	B9 V	149		5 12 13 46	3862	220954	θ Psc	K1 III	<17		16
3813	218227	θ Gru	F6 IV	64		42	3863	220974	HR 8918	A4 IV	95		46
3814	218261	HR 8792	G0	7		4 2	3864	221115	70 Peg	G8 III	<19:		16
3815	218325		B3 V	220		28	3865	221126		B9 III	75		31
3816	218344		B2 V	95		28	3866	221253	AR Cas	B5 V	146		4 1 15
3817	218356	56 Peg	K0 IIP	<17		16	3867	221345	14 And	K0 III	<19:		16
3818	218376	1 Cas	B0.5 IV	74		4 12	3868	221356	HR 8931	dG0	≤ 6		37 42
3819	218395	HR 8798	A3 V	165		46	3869	221507	♁ Scl	Ap	41		12
3820	218407	HR 8800	B2 V	160		28	3870	221565	101 Agr	A0	297		12
3821	218470	5 And	F5 V	9		12 37 42	3871	221673	72 Peg	K4 III	<19:		16
3822	218525	HR 8806	A2 III	70		46	3872	221756	15 And	A2 III	109		5 12 46
3823	218658	π Cep	G2 III	22		16 17	3873	221760	ι Phe	Ap	22		12
3824	218700	58 Peg	B8	172:		12	3874	221789		A7 III:	85		31
3825	218744		A3 III	50		31	3875	221925		F0 V	155		31
3826	218804	6 And	F5 IV	18		37 42	3876	221950	16 Psc	dF0	<10		37
3827	218915		O9 I	102		18	3877	222095	HR 8959	A2 V	126		12
3828	218918	59 Peg	A2 V	214		5 12 46	3878	222107	λ And	G8 III-IV	<19:		16
3829	218953		F0 V	<50		31	3879	222109	HR 8962	B8 V	50		46
3830	219080	7 And	F0 V	59		3 6 12 17	3880	222133	75 Peg	A1 V	216		5 12 46
3831	219188		B0.5 III	185:		18	3881	222173	ι And	B8 V	84		4 12 13
3832	219449	ψ Agr	K0 III	<17		16	3882	222504	18 And	B8 V	178		4 12 46*
3833	219487	HR 8845	F2	20		37	3883	222345	ω Agr	A5	102		5 12
3834	219502		F7 III	<50		31	3884	222368	ι Psc	F7 V	6		3 6 2 12 16 17 42
3835	219571	γ Tuc	F0 III	64		12	3885	222377	HR 8970	A2 IVm	80		46
3836	219586		A7 V	140		46	3886	222386	HR 8971	A3 V	125		46
3837	219615	γ Psc	G8 III	7		14 16	3887	222404	χ Cep	K1 IV	<17		16
3838	219623	HR 8853	dF7	≤ 6		37 42	3888	222439	x And	B8 V	184		5 13 46
3839	219688	ψ Agr	B5 V	331		4 10 12 15	3889	222451	HR 8977	F5	30		37
3840	219693	γ Gru	dF6	0		12	3890	222574	104 Agr	G0 II	17		16
3841	219749	HR 8861	Ap	70:		46	3891	222602	HR 8983	A1 V	210		46
3842	219832	ψ Agr	A0 V	143		5 12	3892	222603	λ Psc	A7 V	71		5 12 17 46
3843	219834	9h Agr	G5 IV	≤ 17		16	3893	222643	HR 8987	K4 III	<17		16
3844	219877	96 Agr	F2	50:		37	3894	222661	ω Agr	B9.5 V	170		5 12
3845	219916	o Cep	K0 III	<17		16	3895	222753		A0 V	150		31
3846	219945	11 And	K0 III	<19:		16	3896	222842	78 Peg	K0 III	<19:		16
3847	220009	7 Psc	K2 III	<19:		16	3897	222847	106 Agr	B8 V	258		4 12*
3848	220061	τ Peg	A5 IV	162		5 12 17	3898	222903		A7 IV:	70		31
3849	220117	12 And	dF5	12		37	3899	223024	107 Agr	F0 IV-V	98		5 12
3850	220222	64 Peg	B3 V	161		4 12	3900	223047	ψ And	G5 Ib	<19:		16

## NOTE TO THE TABLE 2

Although most of the star names in the 3rd column of this table is taken from Bayer or Flamsteed designation, another designations are sometimes adopted.

## REMARKS

1. Hertzprung (1947) number for the Pleiades members.
  2. Identification of the star is given by Hayford (1932).
  3. HD number of this star is inferred from the position, the spectral type, and the other parameters.
  4. Identification of the star is given by Hayford (1932).
  5. Klein-Wassink (1927) number for the Praesepe cluster.
  6. Trumpler (1938) number for the Coma cluster.
  7. Kopff (1943) number for the IC 4665 members.
  8. Ebbighausen (1940) number for the M39 members.
- \*(No. 2786) This star is denoted as HD 153987 by Wilson (1966). However, on the basis of several parameters given in his table, we presume this star to be HD 153897.

No	H D	Name	Sp	Vsin i	R	Source
3901	223145	$\sigma$ Phe	B5	217		12
3902	223165	$\tau$ Cas	K1 III	<17		16
3903	223274	HR 9013	A0 V	185		5 12 46
3904	223346	HR 9015	F2	12		37
3905	223428	21 Psc	A5 V	50		46
3906	223610	108 Aqr	A4 V	64		5 12
3907	223781	82 Peg	A5 V	156		5 12 46
3908	223855	25 Psc	B9 V	50		46
3909	223987	B1 Ib	B1 Ib	91		13
3910	224004	A0 IV	A0 IV	90		31
3911	224014	$\rho$ Cas	F8 Iap	29		6 12 16 17
3912	224392	$\eta$ Tuc	A2	191		12
3913	224424	MWC 405	B1 Iab	79		18
3914	224429		B9 V	245		46
3915	224533	27 Psc	G9 III	<19		16
3916	224572	$\sigma$ Cas	B1 V	189		4 10 12 15
3917	224617	$\omega$ Psc	F4 IV	34		6 12 16 17
3918	224652	HR 9074	dG0	7		37 42
3919	224656	HR 9075	dG0	7		42
3920	224686	$\epsilon$ Tuc	B8.5 V	174		12
3921	224801	CG And	A4	70		46
3922	224906	HR 9086	B8 III	15		46
3923	224926	29 Psc	B8 III	117		4 12
3924	224930	85 Peg	G2 V	$\leq 6$		37 42
3925	224990	$\iota$ Scl	B4 III	67		12
3926	224995	31 Psc	A6 V	110		46
3927	225009	HR 9094	G8 III	$\leq 25$		30
3928	225010	ADS 1B	A2 Vb	275		30 39
3929	225132	2 Cet	B9 IV	186		5 12
3930	225146		B0 Ibp	91		18
3931	225160	MWC 410	O8f	114		18
3932	225212	3 Cet	K3 Ib	<17		16
3933	225289	HR 9110	B6 III	50		46
3934	204917	E-1	A0 V	125		8 23
3935	BD+47°3433(E-2)	A2 V	A2 V	150		8 25
3936	BD+47°3438(E-4)	A2 V	A2 V	175		8 25
3937		E-5	A0 V	$\leq 50$		8 23
3938		E-8	A7 V	150		8 25
3939	205085	E-17	A1 V	125		8 23
3940	BD+47°3453(E-19)	A2 V	A2 V	75		8 23
3941		E-20	A5 V	200		8 23
3942	BD+47°3452(E-22)	Am	Am	75		8 23
3943	205117	E-23	A0 IV	100		8 23
3944	205116	E-26	B9.5 V	100		8 23
3945	BD+47°3458(E-31)	A0 V	A0 V	75		8 23
3946	205210	E-33	B9.5 IV	150		8 23
3947		E-34	A5 V	250		8 23
3948	BD+47°3462(E-35)	A2 V	A2 V	100		8 23
3949		E-38	A1 V	$\leq 50$		8 23
3950	205331	E-40a	B9 IV	$\leq 50$		8 23
3951		E-45	A7 V	125		8 23