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THE 69th NAME-LIST OF VARIABLE STARS

The present 69th Name-List of Variable Stars compiled in the manner first introduced in the 67th Name-List (IBVS No.2681,1985) contains all data necessary for identification of 332 new variables finally designated in 1988. The total number of designated variable stars has now reached 30099.

The 69th Name-List consists of two Tables. Table 1 contains the list of new variables arranged in the order of their right ascensions. It gives the ordinal number and the designation of each variable; its equatorial co-ordinates for the equinox 1950.0; the range of variability and the system of magnitudes used (sometimes the column "Min" gives in parentheses the amplitude of light variation); the type of variability according to the system of classification described in the forewords to the first three volumes of the 4th GCVS edition (with the addition introduced in the 68th Name-List, IBVS No.3058,1987, and new addition described below); two references to the reference list which follows the Table 2 (the first reference indicates the investigation of the star, the second one indicates the paper containing a finding chart or the corresponding Durchmusterung - BD,CoD, or CPD - containing the variable).

One addition to the earlier described system of variable star classification has been introduced here. It becomes more and more clear that, although the majority of Be stars are photometrically variable, not all of them could be properly called GCAS variables. Quite a number of them show small-scale variations not necessarily related to shell events; in some cases the variations are quasi-periodic. By now we are not able to present an elaborated system of classification for Be variables, but we adopt a decision that in the cases when a Be variable cannot be readily described as a GCAS star we give simply BE for the type of variability.

In a small number of cases the value of the variability amplitude (column "Min", in parentheses) could not be expressed in the same system of magnitudes as the star's brightness; indicating the photometric band for the amplitude separately in such cases, we distinguish the Stromgren bands as "u", "v", etc.

Table 2 contains the list of variables arranged in the order of their names inside constellations. After the designation of a variable its ordinal number in Table 1 is given, as well as all identifications needed for its finding in the papers with the first (or independent) announcement of the discovery of its variability. References to these papers are given in square brackets after the corresponding identification. The name of the discoverer in its original transcription accompanies the reference only in the case of

ts being different from the name of the author of the paper referred to.

In the case of the variable stars in the open cluster NGC 3766 (V843-V849 Cen), there is some ambiguity in their identification with the HD, CoD, CPD catalogues. In particular, we do not agree with the HD catalogue identification of HD 100856 with CPD-60°3102 and consider V843 Cen=CPD-60°3102 to be identical with HDE 306794; HD 100856=CPD-60°3112.

Two corrections to the 68th Name-List have been found. The declination of EI Cnc is $+19^{\circ}57'4$, not $+17^{\circ}57'4$ (1950). V955 Tau is not identical with B13 (ref. [260] in IBVS No.3058,1987 and [271] in the present paper); the real B13 is V999 Tau.

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Table 1

No.	Name	$\alpha_{1950.0}$	$\delta_{1950.0}$	Max	Min	Type	References	
001	V658	Cas	00 ^h 04 ^m 33 ^s	+61°32'	11.5	14.0	V M	065 065
002	V659	Cas	00 15 20	+58 53	13.5	(17.0)	V M	065 065
003	OV	And	00 18 11	+40 33.3	10.4	11.0	P RRAB	002 003
004	BE	Phe	00 19 19	-40 33.9	6.41	7.04	J M:	152 152
005	V660	Cas	00 31 33	+64 16	12.8	15.0	V SR:	065 065
006	V661	Cas	00 43 54	+63 39.8	12.3	14.2	V SRB:	010
007	AQ	Scl	00 45 01	-29 00.6	16.9	17.8	B RRAB	254
008	AR	Scl	00 50 11	-29 17.8	15.9	17.3	B RRAB	254
009	CM	Tuc	00 54 12	-73 34.7	11.62	12.8	V SRB:	282 283
010	AS	Scl	01 03 10	-27 13.3	8.10	(0.03)	V ELL:	255 CoD
011	V662	Cas	01 14 42	+65 01.5	11.06	(0.10:)	V XP:	066 067
012	BB	Psc	01 22 40	+20 02.2	16.1	(0.1:)	B ZZO	231 046
013	BL	Cet	01 36 25	-18 12.7		12.52	V UV	092 093
014	OV	And	01 42 08	+37 15.3	13.7	14.2	P LB	005 005
015	UX	Tri	01 42 50	+31 09.2	10.5	11.5	P RRAB	005 005
016	UV	For	01 44 21	-24 15.9	7.97	8.07	V RS	011 CoD
017	OX	And	01 49 46	+36 58	14.2	15.5	P RRAB	005 005
018	UY	Tri	01 54 20	+32 53	15.1	16.4	P RRAB	005 005
019	OY	And	01 55 06	+38 25.0	13.7	16.6	P M	005 005
020	UZ	Tri	01 55 29	+33 17	114.2	21.0:	P M:	005 005
021	VV	Tri	01 58 02	+35 01	14.5	15.6	P RRAB	005 005
022	VV	Tri	02 00 59	+32 36	13.9	14.4	P EV/KV	005 005
023	OZ	And	02 03 51	+36 11	14.1	15.2	P RRAB	005 005
024	VV	Ari	02 05 28	+14 54.8	15.2	16.2	B UV+BY:	040 040
025	VX	Tri	02 07 03	+32 10	13.4	14.6	P RRAB	005 005
026	PP	And	02 07 43	+38 03.8	14.3	16.6	P BA/SD	005 005
027	VY	Tri	02 09 12	+33 41	15.0	15.6	P LB	005 005
028	BQ	Hyl	02 17 20	-71 41.9	8.06	8.22	V RS	011 CPD
029	VZ	Tri	02 18 37	+31 45	12.8	13.3	P EV/KV	005 005
030	VV	Tri	02 20 14	+36 47	12.2	12.7	P BA	005 278
031	VX	Tri	02 20 51	+33 41	14.0	14.8	P LB	005 005
032	VY	Tri	02 22 13	+32 47	13.8	(17.0)	P UG	005 005
033	PQ	And	02 26 22	+39 49.3	10.1	19	V MA	008 009
034	UV	For	02 32 27	-34 51.3	11.2	11.5	V CWB	144 CoD
035	VV	Hor	02 34 32	-52 32.3	18.4	(23	B R+XM	163 164
036	V493	Per	02 37 33	+56 31.0	10.6	(0.04)	V WR	223 224
037	V663	Cas	02 37 50	+71 21.9	8.8	(0.04"v")	V DSCTC	068 BD
038	UX	For	02 41 26	-38 08.3	7.97	8.11	V RS	011 CoD
039	UY	For	02 42 08	-25 03.7	8.22	8.25	V RS	011 CoD
040	VX	Ari	02 44 54	+10 23.2	14.8	15.4	V HL	042 043
041	V494	Per	02 53 21	+48 13	13	14	P ISB	225 225
042	V664	Cas	02 59 34	+64 41.8	14	(1.1)	B R	069 070
043	V495	Per	03 07 18	+45 46.8	13.8	15.5	P LB	226 226
044	EL	Bri	03 08 09	-05 35.0	7.92	8.20	V RS	011 BD
045	V496	Per	03 31 56	+37 51.0	7.70	7.79	U ACV	056 BD
046	UZ	For	03 33 19	-25 54.2	18.2	20.9	V R+XM	146 147
047	V497	Per	03 39 17	+35 28.8	9.52	9.56	V ACV	056 BD
048	V963	Tau	03 40 40	+23 22.8	10.69	10.76	V BY	258 259
049	V964	Tau	03 40 58	+22 08.6	15.6	(18	U UV	260 260
050	V965	Tau	03 41 03	+26 04.7	15.3	(18	U UV	260 260
051	V966	Tau	03 41 14	+23 13.4	11.41	11.54	V BY	258 259

No.	Name	$\alpha_{1950.0}$	$\delta_{1950.0}$	Max	Min	Type	References	
052	V967	Tau	03 ^h 41 ^m 27 ^s	+23°30'5	15	(18	U UV	260 260
053	V968	Tau	03 42 35	+25 59.2	13.3	16.2	U UV	260 260
054	V969	Tau	03 42 40	+24 45.2	9.46	9.51	V BY	258 259
055	V970	Tau	03 42 45	+26 08.6	14.8	(18	U UV	260 260
056	V971	Tau	03 43 21	+23 47.6	4.18	(0.01)	V BCEP	264 BD
057	V972	Tau	03 45 38	+26 09.1	15.6	17.5	U UV	260 260
058	V498	Per	03 46 34	+35 27.0	8.96	9.04	B ACV	056 BD
059	V973	Tau	03 47 41	+26 04.4	15.1	(18	U UV	260 260
060	V974	Tau	03 47 43	+21 49.9	15.4	(18	U UV	260 260
061	V975	Tau	03 47 55	+22 03.0	15.4	(18	U UV	260 260
062	V976	Tau	03 48 13	+24 51.1	15.8	(18	U UV	260 260
063	V977	Tau	03 48 44	+23 42.1	16.2	(18	U UV	260 260
064	V499	Per	03 49 12	+34 18.9	9.96	10.01	U ACV	056 BD
065	V978	Tau	03 49 17	+24 43.5	15	(18	U UV	260 260
066	V979	Tau	03 49 21	+23 28.5	15.9	(18	U UV	260 260
067	V980	Tau	03 49 29	+24 42.7	15.0	17.5	U UV	260 260
068	V981	Tau	03 49 42	+22 18.6	15.2	17.8	U UV	260 260
069	V982	Tau	03 51 35	+23 10.5	15.3	(18	U UV	260 260
070	ϵ^a	Eri	03 51 35	-24 45.6	4.63	(0.03)	V SXARI:	140 CoD
071	V983	Tau	03 54 03	+24 13.2	14.1	(18	U UV	260 260
072	AG	Dor	04 06 12	-52 42.0	8.66	8.83	V RS	011 CPD
073	V984	Tau	04 13 35	+21 47.1	9.15	(0.04)	V BY	265 BD
074	BR	Hyl	04 15 08	-69 39.5	10.54	10.67	V DSCT	173 CPD
075	V985	Tau	04 15 28	+15 58.1	9.60	(0.02)	V BY	266 BD
076	V986	Tau	04 17 18	+19 06.9	7.47	(0.05)	V BY	266 BD
077	EM	Eri	04 18 17	-07 42.6	5.84	(0.06)	V *	140 BD
078	V987	Tau	04 18 53	+28 11.1	8.98	9.10	V INT	268 BD
079	RR	Cae	04 19 36	-48 46.1	14.88	(3.3)	B EA/VD	047 048
080	V988	Tau	04 20 27	+19 32.6	9.40	(0.05)	V BY	266 BD
081	V989	Tau	04 20 35	+15 38.7	10.49	(0.03)	V BY	266 BD
082	V990	Tau	04 21 23	+17 53.5	9.99	(0.03)	V BY	266 BD
083	TU	Ret	04 21 35	-66 47.5	13.4	14.8	P RRAB	133 131
084	V991	Tau	04 22 08	+16 52.1	10.30	(0.04)	V BY	266 BD
085	BS	Hyl	04 22 51	-70 44.9	15.6	16.4	P RRAB	133 131
086	V992	Tau	04 23 15	+15 24.7	7.49	(0.03)	V BY:	266 BD
087	V993	Tau	04 24 45	+15 28.7	7.42	(0.02)	V BY	266 BD
088	V994	Tau	04 25 59	+16 10.6	10.71	(0.04)	V BY	266 308
089	V995	Tau	04 26 39	+16 08.0	10.32	(0.04)	V BY	266 BD
090	V996	Tau	04 29 58	+15 54.1	8.94	(0.05)	V BY	266 BD
091	V997	Tau	04 30 08	+15 42.9	8.66	(0.04)	V BY	266 BD
092	V998	Tau	04 34 41	+15 02.8	7.54	(0.03)	V BY	266 BD
093	V999	Tau	04 39 02	+25 17.3	15.1	17.2	B UVW	272 273
094	V1000	Tau	04 39 03	+25 17.4	16.1	(2.3)	B INT	272 273
095	AB	Men	04 42 46	-70 04.1	13.3	14.2	P EA/SD	133 131
096	V1001	Tau	04 44 06	+16 57.3	13.0	14.6	V INT	277 275
097	TV	Pic	04 47 32	-47 13.2	7.5	(0.12)	V ELL	228 CoD
098	V1192	Ori	04 57 31	+03 12.8	7.50	7.57	V RS	011 BD
099	V390	Aur	05 11 31	+47 06.9	7.0	(0.07)	V BY	044 BD
100	UU	Lep	05 12 29	-26 15.8	6.91	7.02	V RS	011 CoD
101	V1193	Ori	05 13 53	-00 15.5	13.95	14.28	V NL	216 216
102	AC	Men	05 16 24	-70 39.8	13.8	15.1	P RRAB	133 131

No.	Name	$\alpha_{1950.0}$	$\delta_{1950.0}$	Max	Min	Type	References	
103	V1194	Or1	05 ^h 25 ^m 38 ^s	-06°55.9	13.9	19.3	B UV	217
104	V1195	Or1	05 28 34	-04 35.8	15.0	(19.0)	U UV	217
105	V1196	Or1	05 29 17	-04 18.5	12.6	13.76	U UV	217 218
106	AH	Dor	05 29 36	-66 57.7	14.7	16.9	P SRC:	130 131
107	TW	Pic	05 34 02	-58 03.6	14.1	15.6	B NL	096 096
108	TX	Pic	05 34 41	-47 20.6	6.08	6.12	V RS	011 CoD
109	BY	Cam	05 38 16	+60 50.1	15.16	(17.0)	B XM	049 049
110	V1197	Or1	05 40 37	-01 38.1	6.30	(0.03)	V ELL	154 BD
111	TX	Col	05 41 44	-41 03.2	14.5	15.8	B XPM	096 096
112	AI	Dor	05 42 30	-66 37.4	14.7	15.3	P RRAB	133 131
113	V391	Aur	05 56 04	+35 07.9	11.5	13.0	V SRA	010
114	AD	Men	06 05 12	-71 24.9	15.0	16.6	P UGSS	133 131
115	TY	Pic	06 06 57	-54 25.8	7.61	7.68	V RS	011 CPD
116	V392	Aur	06 11 12	+28 08.8	12.4	13.8	V SRB:	010
117	V682	Mon	06 25 43	-04 52.0	7.65	7.73	U ACV	056 BD
118	AE	Men	06 26 33	-72 00.9	8.24	8.33	V RS	011 CPD
119	OV	Gem	06 28 48	+17 07.1	9.0	10.9	B EA/GS:	150 149
120	V683	Mon	06 29 46	-07 16.1	8.21	(0.40)	V E	194 BD
121	TZ	Pic	06 30 22	-58 58.1	7.59	7.66	V RS	011 CPD
122	V684	Mon	06 37 53	+09 50.1	8.44	(0.10)	V EA/DM	195 196
123	V415	Car	06 48 46	-53 33.8	4.39	(0.06)	V EA/GS	051 CPD
124	V685	Mon	07 18 22	-07 42.5	10.2	11.5	V SRB:	010
125	V686	Mon	07 23 13	-03 00.4	11.5	(21)	P M	197 198
126	V343	Pup	07 30 40	-46 50.1	8.8	(0.04)	V SXARI	233 CoD
127	BD	Lyn	07 31 29	+51 38.4	9.86	10.40	V LB:	186 BD
128	V344	Pup	07 34 41	-44 50.7	6.88	6.99	V RS	011 CoD
129	V416	Car	07 56 56	-60 38.9	10.57	10.64	V DSCTC:	052 053
130	V417	Car	07 57 25	-60 30.7	10.70	(0.02)	B DSCTC:	052 053
131	V418	Car	07 57 30	-60 41.3	11.29	(0.03)	B DSCTC:	052 053
132	V419	Car	07 57 41	-60 29.4	10.87	(0.02)	B DSCTC:	052 053
133	V420	Car	07 57 44	-60 41.3	10.53	10.56	V DSCTC:	052 053
134	V421	Car	07 58 02	-60 31.9	10.73	10.82	V DSCTC:	052 053
135	V422	Car	07 58 31	-60 40.7	9.08	9.13	V ACV	056 053
136	KV	Vel	08 07 14	-49 21.0	7.84	7.98	U ACV	056 CoD
137	LU	Hya	08 22 47	-07 00.4	7.34	7.39	V RS	011 BD
138	VX	Pyx	08 31 01	-34 27.8	6.32	6.42	V RS	011 CoD
139	EI	UMa	08 34 48	+48 48.6	13.4	14.9	P NL	284 043
140	e	Hya	08 44 08	+06 36.2	3.35	3.39	V BY:	171 BD
141	KX	Vel	08 48 52	-46 20.5	4.87	(0.08"b")	B E	287 CoD
142	KY	Vel	08 55 35	-52 03.9	10	(0.04)	V ACV	233 CoD
143	BE	Lyn	09 14 58	+46 21.8	8.60	9.00	V DSCT	188 BD
144	BF	Lyn	09 19 17	+40 25.2	7.72	(0.1)	V BY	190 BD
145	SU	LMi	09 31 10	+36 37.2	4.54	(0.02)	V RS:	181 BD
146	SV	LMi	09 32 40	+36 02.2	5.39	(0.04)	V RS:	181 BD
147	KZ	Vel	09 51 24	-54 47.0	8.64	(0.07)	V SRD	288 CPD
148	V423	Car	09 53 27	-57 08.7	6.9	(0.02)	B ACV	057 CPD
149	SV	LMi	09 54 53	+34 14.0	16.8	(0.3)	B ZZB	182 183
150	V424	Car	10 01 03	-59 43.3	9.58	9.66	U ACV	056 058
151	β	Sex	10 27 44	-00 22.8	5.00	5.10	V ACV:	140 BD
152	V425	Car	10 38 00	-58 17.6	8.61	11.48	J M	060
153	V426	Car	10 45 58	-58 52.8	10.40	10.60	V PVTEL	062 063
154	EK	UMa	10 48 34	+54 20.5	18	(19.5)	V XM	285 285

No.	Name		disso.o	disso.o	Max	Min	Type	References
155	AH	Ant	10 ^h 50 ^m 54 ^s	-32°43'4	8.40	8.56	V RS	011 CoD
156	V427	Car	10 51 04	-59 14.4	8.9	(0.015)	V SXARI:	064 CPD
157	V428	Car	10 51 44	-59 14.7	10.7	(0.05)	V E: /VR	064 CPD
158	SX	LMi	10 51 45	+30 22.5	17	(0.35)	V NL	184 204
159	EL	UMa	10 52 19	+37 15.8	14	19	P UG:	286 306
160	LL	Vel	11 01 31	-51 05.0	6.71	6.76	V ELL:	289 CoD
161	DT	Leo	11 15 46	+15 50.0	16.1	(0.1)	B ZZB	179 046
162	TT	Crt	11 32 15	-11 28.9	12.5	15.3	V UG	099 099
163	V843	Cen	11 33 35	-61 19.6	8.59	(0.12)	B BE	073 074
164	V844	Cen	11 33 45	-61 18.2	10.1	(0.03)	B BE:	073 074
165	V845	Cen	11 33 48	-61 22.1	10.0	(0.07)	B BE	073 074
166	V846	Cen	11 33 50	-61 21.1	9.27	(0.04)	B BE	073 074
167	V847	Cen	11 33 54	-61 21.0	9.7	(0.01)	B BCEP:	073 074
168	V848	Cen	11 34 02	-61 19.9	10.4	(0.06)	B BE	073 074
169	V849	Cen	11 34 11	-61 17.8	8.6	(0.06)	B BE:	073 074
170	GT	Mus	11 37 10	-65 07.2	5.08	5.21	V E: /RS	011 201
171	LV	Hya	11 54 31	-33 02.2	6.20	(0.03)	V ACV:	140 CoD
172	CD	Cru	12 40 53	-62 48.8	10.71	(0.11)	V E: /VR	064 100
173	HW	Vir	12 41 45	-08 24.1	10.5	(0.90)	V BA/D	291 BD
174	CB	Cru	12 41 53	-62 41.8	9.4	(0.03)	V SXARI:	064 CPD
175	LW	Hya	12 50 53	-22 36.1	9.56	9.63	V R:	169 166
176	V850	Cen	12 58 12	-61 20.0	13.40	13.89	V XP	075 076
177	HX	Vir	13 29 21	-18 28.3	6.01	(0.02)	V DSCTC	292 BD
178	V851	Cen	13 40 35	-61 06.9	7.78	7.88	V RS	078 CPD
179	EM	UMa	13 51 12	+48 55.1	16.4	(0.16)	B ZZB	179 046
180	BV	Cir	13 54 28	-64 29.4	16.9	(17.5)	V XM	095
181	V852	Cen	14 08 33	-51 12.3	6.7	(0.4)	K M:	079 081
182	V853	Cen	14 26 25	-55 54.5	6.97	(0.02)	V DSCTC	084 CPD
183	V854	Cen	14 31 42	-39 20.2	7.13	14.1	V RCB:	086 087
184	CV	Boo	14 56 07	+10 20.3	15.9	(0.10:)	B ZZB	045 046
185	HK	Lib	15 15 18	-22 33.8	15.0	16.1	B RRAB	185 185
186	LS	TrA	15 23 30	-62 50.8	7.30	7.53	V RS	011 CPD
187	6	CrB	15 47 30	+26 13.2	4.57	4.69	V RS:	098 BD
188	NN	Ser	15 50 36	+13 03.6	16.6	17.2	V NL	042 043
189	LT	TrA	15 59 23	-62 33.3	10.2	(0.13)	V VR	064 224
190	V347	Mor	16 09 56	-56 51.9	7.06	(1.0)	J M:	079 081
191	V961	Sco	16 17 47	-25 16.5	10.17	10.25	U ACV	056 CoD
192	V348	Mor	16 23 24	-43 41.2	7.87	7.96	V BCEP:	037 CoD
193	V823	Her	16 49 48	+15 03.4	6.40	(0.03)	U ACV	128 BD
194	V962	Sco	16 50 08	-41 42.6	10.01	(0.05)	B BE	249 250
195	V963	Sco	16 50 44	-41 50.3	10.7	(0.014)	B BCEP:	249 250
196	V964	Sco	16 50 48	-41 46.7	9.86	(0.02)	B BCEP	249 250
197	V2212	Oph	16 51 50	-07 29.1	13.6	15.0	V LB:	203
198	V824	Her	16 54 42	+16 01.0	16.2	(0.18)	B ZZB	153 046
199	V2213	Oph	17 02 44	+00 46.5	6.01	(0.04)	V BY	205 BD
200	V2214	Oph	17 08 51	-29 34.0	9.4	21	V NB	207
201	V2215	Oph	17 13 09	-26 28.6	6.26	6.34	V RS	011 CoD
202	V825	Her	17 17 01	+41 18.9	13.97	14.20	V NL	042 043
203	DY	Dra	17 17 06	+57 43.1	17.4	18.5	B RR	134 134
204	V831	Ara	17 17 24	-45 56.0	7.79	7.85	V BCEP:	037 CoD
205	V965	Sco	17 27 16	-33 37.0	8.46	8.67	V RS	252 CoD

No.	Name	$\alpha_{1950.0}$	$\delta_{1950.0}$	Max	Min	Type	References
206	V2216	Oph 17 28 50	-16 55 15	16.4	(0.5)	B XI	208 209
207	V966	Sco 17 32 01	-44 32.3	16.0	16.8	B L	253
208	V967	Sco 17 32 02	-44 34.1	16.8	17.3	B E	253
209	V2217	Oph 17 33 07	-23 47.5	14.8	17.1	R SR	211 210
210	V2218	Oph 17 33 10	-24 14.8	14.7	17.5	R M	211 210
211	V968	Sco 17 33 11	-44 49.4	16.1	17.5	B RRAB	253 253
212	V969	Sco 17 33 26	-44 43.0	15.7	17.1	B RRAB	253 253
213	V2219	Oph 17 33 38	-23 35.8	14.0	(17.1)	R M	211 210
214	V2220	Oph 17 33 39	-23 47.5	14.3	17.2	R M	211 210
215	V2221	Oph 17 34 01	-24 13.8	15.1	16.7	R E:	211 210
216	V2222	Oph 17 34 31	-24 11.3	15.6	17.0	R E:	211 212
217	V2223	Oph 17 34 57	-24 14.3	15.0	(17.1)	R M:	211 210
218	V2224	Oph 17 35 00	-23 54.4	14.6	17.0	R M:	211 212
219	V2225	Oph 17 35 17	-24 16.5	14.5	(17.1)	R M	211 210
220	V2226	Oph 17 35 18	-23 49.1	13.3	(16.3)	R M	211 212
221	V2227	Oph 17 35 18	-23 53.7	13.6	16.9	R M	211 210
222	V2228	Oph 17 35 35	-23 50.6	14.1	(18	R M	211 210
223	V2229	Oph 17 35 39	-23 56.9	15.2	17.0	R M	211 210
224	V2230	Oph 17 35 44	-23 45.6	15.6	(17.5	R M:	211 212
225	V2231	Oph 17 36 07	-23 30.6	14.6	17.5	R M	211 210
226	V2232	Oph 17 36 15	-24 03.7	14.2	(17.1)	R M	211 210
227	V2233	Oph 17 36 16	-24 08.6	13.5	17.1	R M	211 210
228	V970	Sco 17 36 25	-32 16.3	9.52	9.56	U ACV:	056 CoD
229	DZ	Dra 17 36 45	+68 31.1	7.6	(0.03)	V SRB:	136 BD
230	V2234	Oph 17 36 50	-23 35.6	13.0	(17.1	R M	211 212
231	V2235	Oph 17 36 50	-23 27.1	14.5	16.8	R SRA	211 210
232	V971	Sco 17 36 57	-32 07.8	10.19	10.24	U ACV	056 CoD
233	V2236	Oph 17 37 02	-24 17.7	15.5	17.0	R SR	211 210
234	V2237	Oph 17 37 09	-24 14.6	14.8	17.0	R SRA	211 210
235	V2238	Oph 17 37 17	-24 04.1	15.2	16.5	R SR	211 210
236	V2239	Oph 17 37 40	-23 57.4	13.8	17.1	R M	211 212
237	V2240	Oph 17 37 43	-23 32.5	13.3	17.5	R M	211 210
238	V2241	Oph 17 37 46	-24 15.7	14.1	17.1	R M	211 210
239	V2242	Oph 17 37 53	-23 33.4	14.3	16.4	R SRA	211 210
240	L	Her 17 38 03	+46 01.9	2.93	(0.02)	U BCEP	161 BD
241	V2243	Oph 17 40 15	-18 16.8	9.61	9.76	V BE	213 BD
242	V826	Her 17 44 19	+39 20.4	6.68	(0.028)	V ELL	154 BD
243	V2244	Oph 17 48 51	-01 42.5	11.5	(0.09"y")	P FVTEL	214 215
244	V4134	Sgr 17 55 22	-33 48.2	18.3	18.82	V XI	237 238
245	V4135	Sgr 17 56 29	-32 16.2	10.4	(22	V N	240 157
246	NO	Ser 18 01 24	-01 00.2	10.29	(0.08)	V FVTEL:	257 BD
247	V832	Ara 18 03 12	-48 15.2	7.08	7.16	V RS	011 CoD
248	V4136	Sgr 18 06 32	-23 26.0	11.81	12.42	V IT:	241 242
249	V694	CrA 18 09 00	-37 45.8	7.95	(0.005 B)	V ACVO	097 CoD
250	NP	Ser 18 13 11	-14 03.2	17.51	(0.5)	V XB	301 302
251	V4137	Sgr 18 21 40	-24 52.7	15.0	19	B M:	244 243
252	V827	Her 18 41 27	+15 16.3	7.5	18	V NA	156 157
253	o	Dra 18 50 28	+59 19.6	4.63	(0.10)	V RS	137 BD
254	V828	Her 18 53 51	+17 55.7	6.15	(0.04)	U ACV	128 BD
255	EE	Dra 18 59 12	+69 27.6	5.84	(0.05)	U ACV	128 BD
256	V1402	Aql 19 01 20	-04 23.4	11.59	(0.14)	B WR	021 BD
257	QV	Vul 19 02 32	+21 41.7	7.0	19	V NA	294 009

No.	Name	$\alpha_{1950.0}$	$\delta_{1950.0}$	Max	Min	Type	References
258	V488 Lyr	19 ^h 03 ^m 38 ^s	+30°09'6"	15.4	18.0	P SRA:	191 191
259	V1403 Aql	19 04 48	+03 21.8	7.41	(0.08)	V ACYG	022 BD
260	V1404 Aql	19 08 29	+04 45.7	12.25	12.39	V SRB	023 023
261	QV Vul	19 10 26	+24 16.3	9.94	(0.15)	V ACV	295 BD
262	V1405 Aql	19 16 08	-05 19.7	21.00	21.66	B XB+E:	025 304
263	V4138 Sgr	19 19 43	-20 44.3	6.57	6.85	V RS	011 BD
264	V4139 Sgr	19 24 38	-40 56.2	8.40	8.69	V RS	011 CoD
265	V1918 Cyg	19 24 55	+52 20.8	10.59	11.12	V EW/KW	102 BD
266	V1919 Cyg	19 33 03	+33 41.1	6.66	6.73	V LB	103 BD
267	QX Vul	19 43 22	+27 43.6	15.7	(17.5)	R INS:	296 307
268	V1920 Cyg	19 43 24	+33 51.1	10.30	10.41	V PVTEL	104 105
269	QW Sge	19 43 36	+18 29.4	12	13	P ZAND	033 081
270	QY Vul	19 44 14	+28 08.9	10.43	10.53	B E/VR	299 224
271	V1406 Aql	19 45 30	+04 07.2	14	(0.22)	U UV	026 027
272	V1921 Cyg	19 50 06	+44 13.9	11.8	13.1	V SRC:	106 106
273	V1407 Aql	19 54 31	-11 22.4	9.0	(13)	V M	029 030
274	V4140 Sgr	19 55 31	-39 04.1	15.5	18	P EA+UGSU:	246 246
275	V1408 Aql	19 57 02	+11 34.2	18.68	18.98	V XI	031 032
276	QX Sge	19 57 25	+20 40.0	20.4	(23)	V E/PSR	236 236
277	V1409 Aql	19 59 11	+05 39	13.6	14.8	P SR	034 033
278	V1410 Aql	19 59 35	+11 40	13.4	13.8	P LB	034 033
279	V1411 Aql	19 59 37	+13 41	15.0	15.4	P LB	034 033
280	QZ Vul	20 00 43	+25 05.7	17.5	(20)	B XN	300
281	V1412 Aql	20 11 29	+06 34.1	15.67	18.3	V E/VD	035 036
282	V1922 Cyg	20 14 53	+37 31.0	10.96	(0.03)	U BCEP	107 108
283	AT Cap	20 26 42	-21 17.6	8.87	9.18	V RS	011 BD
284	V1923 Cyg	20 30 18	+40 38.3	12.3	(0.04)	V VR	109 110
285	V1924 Cyg	20 52 00	+44 09	15.9	16.5	P UVN	111
286	V1925 Cyg	20 52 19	+44 40.2	15.3	15.9	V LB	112 112
287	V1926 Cyg	20 52 52	+43 47.8	16.2	(18)	U UVN	113 113
288	V1927 Cyg	20 54 57	+43 52.7	16.5	17.7	U INT:	116 115
289	V1928 Cyg	20 55 18	+41 50	16.0	19.5	P UVN	111
290	V1929 Cyg	20 55 48	+43 46	14.5	16.5	P UVN	111
291	V1930 Cyg	20 58 39	+44 19.2	15.5	(18.5)	U UVN	113 113
292	V1931 Cyg	20 59 26	+45 57.5	5.33	5.48	V E+BE	117 BD
293	BN Mic	21 11 31	-30 57.9	8.23	8.45	V RS	011 CoD
294	BN Mic	21 11 52	-31 23.5	7.68	7.94	V RS	011 CoD
295	V1932 Cyg	21 14 43	+36 06.8	14.7	15.7	B EA/SD	118 118
296	AU Cap	21 18 44	-15 22.1	7.98	8.02	V RS	011 BD
297	V1933 Cyg	21 22 47	+40 31.0	15.0	(18)	B M	119 119
298	V1934 Cyg	21 23 10	+49 06.4	6.51	(0.02)	U ACV	120 BD
299	V1935 Cyg	21 23 36	+38 00.9	13.2	14.1	P INS	121 121
300	KP Peg	21 24 17	+13 28.2	7.05	7.26	V EB/KE	220 BD
301	V1936 Cyg	21 24 46	+38 29.6	14.0	(16.0)	P EA:	121 121
302	BH Ind	21 24 51	-53 02.3	9.44	9.89	V RS	011 CPD
303	V1937 Cyg	21 28 04	+39 00.1	14.7	(16.0)	P INS:	121 121
304	V1938 Cyg	21 28 28	+39 12.0	13.8	15.2	P INS	121 121
305	V1939 Cyg	21 29 19	+37 03.5	13.2	14.6	P L:	121 121
306	V365 Cep	21 29 23	+61 20.2	11.8	13.4	V SRA	010
307	V366 Cep	21 40 56	+57 06.5	15.0	18.0	V M:	088 088
308	V1940 Cyg	21 43 38	+40 03.8	14.8	18.0	B M	122 122
309	V1941 Cyg	21 53 54	+42 48.1	13.3	13.8	P E:	127 127

No.	Name	$\alpha_{1950.0}$	$\delta_{1950.0}$	Max	Min	Type	References
310	V1942 Cyg	22 ^h 00 ^m 55	+44 [°] 24.5	5.47	(0.05)	U ACV	128 BD
311	V368 Lac	22 11 30	+44 42.3	15.1	(16.2)	P EA/SD	127 127
312	V369 Lac	22 13 15	+43 50	14.3	15.8	P EA/SD	177 176
313	HL Aqr	22 17 54	+01 45.8	13.35	13.58	B NL	012 013
314	V370 Lac	22 18 36	+49 08.0	13.8	14.9	P LB:	127 127
315	CD Gru	22 23 09	-45 29.5	2.48	2.86	K M:	152
316	V371 Lac	22 28 42	+47 03.5	15.1	16.4	P EA/SD	127 127
317	HM Aqr	22 32 46	-17 31.0	9.31	(0.62)	U ACYG:	015 BD
318	V372 Lac	22 33 54	+42 14.4	12.5	13.5	P SRB:	127 127
319	HN Aqr	22 34 54	-18 56	11.42	11.47	V BCEP	016
320	V373 Lac	22 40 00	+48 49.7	14.0	14.4	P LB:	127 127
321	KQ Peg	22 40 01	+19 16.6	15.70	16.28	V NL	042 043
322	V374 Lac	22 42 00	+43 29.7	15.4	16.6	P L	127 127
323	TZ PsA	22 57 42	-34 00.7	8.40	8.49	V RS	011 CoD
324	V665 Cas	22 59 03	+58 36.6	23.5		B XP	071 072
325	KR Peg	23 03 51	+24 15.8	15.5	(0.06)	V ZZA	221 046
326	V367 Cep	23 06 54	+62 32.7	8.24	8.91	B L	089 BD
327	PR And	23 13 05	+50 02.5	10.4	11.3	V SRB:	010
328	V368 Cep	23 17 50	+78 43.7	7.7	(0.04 B)	V RS	090 305
329	KS Peg	23 35 25	+18 07.4	5.37	(0.12)	B EB/KE	222 BD
330	KT Peg	23 36 59	+27 58.0	7.04	(0.03)	V RS	154 BD
331	HO Aqr	23 44 01	-10 39.7	13.6	14.5	P EA/SD	018 019
332	HP Aqr	23 45 49	-14 25.7	13.0	14.7	P RRAB	018

Table 2

OV And=003=BD+40°60'(9.5)= =BV 178 [001]=NSV 00134.	V1402 Aql=256=BD-4°46'78"(9.5)= =HD 177230(Oc) [020].
OW And=014=455.1934 [004]=NSV 00611.	V1403 Aql=259=BD+3°39'02"(8.1)= =HD 178129(B2) [022].
OX And=017=S 10909 [005].	V1404 Aql=260=C5[023]=CПЗ 2842.
OY And=019=457.1934 [004]=NSV 00679.	V1405 Aql=262=4U 1915-05 [024].
OZ And=023=S 9515 [006]=NSV 00722.	V1406 Aql=271=BD+3°41'38"[026]= =ADS 12882B.
PP And=026=458.1934 [004]= =NSV 00737.	V1407 Aql=273=Kuwano's object [028]= =Stephenson 1175 [030].
PQ And=033=Var in Andromeda [007, McAdams=TAV 0226+39 [008]= =N And 1988.	V1408 Aql=275=4U 1957+11 [031].
PR And=327=S 727 [010].	V1409 Aql=277=S 8228 [033]=NSV 12697.
AH Ant=155=CoD-32°7'22"(8.0)=CPD-32° 30'02"(8.8)=HD 94389(K2)[011].	V1410 Aql=278=S 8232 [033]=NSV 12711.
HL Aqr=313=PHL 227 [012,013].	V1411 Aql=279=S 8234 [033]=NSV 12712.
HM Aqr=317=BD-18°6'15"(8.7)=HD 213985 (B9)=HV3369[014, Leavitt]=NSV14231.	V1412 Aql=281=G24-9 [035].
HN Aqr=319=PHL 346 [016].	V831 Ara=204=CoD-45°11'41"(8.1)= =CPD-45°84'79"(8.0)= =HD 156662(B5) [037,038].
HO Aqr=331=753.1933 [017]=КЗП 5788 [019]=NSV 14702.	V832 Ara=247=CoD-48°12'28"(7.0)= =CPD-48°96'58"(7.8)= =HD 165141(K0) [011].
HP Aqr=332=CПЗ 2858 [018, Горанский].	

VW Ari=024=EXO 020528+1454.8 [039]=
 =G035-027.
 VX Ari=040=PG 0244+104 [041].
 V390 Aur=099=BD+47°1117(7.0)=
 =HD 33798(G5) [044].
 V391 Aur=113=S 123 [010].
 V392 Aur=116=S 139 [010].
 CW Boo=184=PG 1456+103 [045].
 RR Cae=079=LFT 349 [047]=LHS 1660.
 BY Cam=109=H 0538+608 [049].
 AT Cap=283=BD-21°5735(8.7)=
 =CPD-21°7697(8.8)=
 =HD 195040(K0) [050,011].
 AU Cap=296=BD-15°5958(8.0)=
 =HD 203251(K0) [011].
 V415 Car=123=HR 2554 [051]=
 =CoD-53°1613(4.3)=
 =CPD-53°1168(6.3).
 V416 Car=129=CoD-60°1950(10)=
 =CPD-60°965(9.6)=
 =Cox 42(NGC 2516) [052].
 V417 Car=130=CoD-60°1968(10)=
 =CPD-60°983(9.6)=
 =Cox 59(NGC 2516) [052].
 V418 Car=131=CoD-60°1972(10)=
 =CPD-60°987(9.7)=
 =Cox 55(NGC 2516) [052].
 V419 Car=132=CoD-60°1977(10)=
 =CPD-60°992(9.6)=
 =Cox 60(NGC 2516) [052].
 V420 Car=133=CoD-60°1982(10)=
 =CPD-60°997(9.6)=
 =Cox 54(NGC 2516) [052].
 V421 Car=134=CoD-60°1991(9.3)=
 =CPD-60°1007(9.6)=
 =Cox 51(NGC 2516) [052].
 V422 Car=135=CoD-60°2002(9.6)=
 =CPD-60°1015(7.8)=
 =HD 66295(A0)=
 =Cox 26(NGC 2516) [054,055].
 V423 Car=148=CoD-56°3030(6.9)=
 =CPD-56°2646(6.9)=
 =HD 86199(B9) [057].
 V424 Car=150=CoD-59°2796(9.1)=
 =CPD-59°1731(9.2)=
 =HD 304842(B8)=
 =NGC 3114-234 [056]=
 =Lynga 61(NGC 3114) [058].
 V425 Car=152=OH/IR286.50+0.061059,0601.
 V426 Car=153=CPD-58°2721(9.8) [061]=
 =LSS 1922 [063].
 V427 Car=156=CoD-58°3620(9.0)=
 =CPD-58°2826(8.7)=
 =HD 94465(B8) [064].
 V428 Car=157=CPD-58°2845(9.8)=
 =HD 94546(Oa) [064].
 V658 Cas=001=LD 74 [065].
 V659 Cas=002=LD 81 [065].
 V660 Cas=005=LD 84 [065].
 V661 Cas=006=S 10 [010].
 V662 Cas=011=2S 0114+650 [066].
 V663 Cas=037=BD+70°199(8.0)=HD 16439
 (A0)=SAO 004710 [068].
 V664 Cas=042=the nucleus of the plane-
 tary nebula HFG 1 [069, Bond,
 Graverl]=136+5°1 [070].
 V665 Cas=324=1E2259+586 [071]; take notice
 that in fact the variable is the
 star D which is 2"2 south and
 3"3 east of the star A in [072].
 V843 Cen=163=CPD-60°3102(8.2)=
 =HDE 306794(B)=
 =Ahmed 1(NGC 3766) [073].
 V844 Cen=164=CPD-60°3116(9.0)=
 =Ahmed 7(NGC 3766) [073].
 V845 Cen=165=CPD-60°3122(8.8)=
 =Ahmed 88(NGC 3766) [073].
 V846 Cen=166=CPD-60°3126(8.5)=
 =Ahmed 63(NGC 3766) [073].
 V847 Cen=167=CPD-60°3133(8.9)=
 =Ahmed 67(NGC 3766) [073].
 V848 Cen=168=CPD-60°3149(9.4)=
 =Ahmed 36(NGC 3766) [073].
 V849 Cen=169=CoD-60°3633(9.0)=CPD-60°
 =3157(8.4)=HDE 306791(B)=
 =Ahmed 15(NGC 3766) [073].
 V850 Cen=176=4U 1258-61 [075]=GX 304-1.
 V851 Cen=178=CoD-60°4859(8.5)=
 =CPD-60°4913(9.0)=
 =HD 119285(K0) [077,011].
 V852 Cen=181=He 2-104 [079,080].
 V853 Cen=182=CoD-55°5689(7.3)=
 =CPD-55°6025(7.6)=
 =HD 126859(A5) [082,083].
 V854 Cen=183=BV 520 [085]=NSV 06708.
 V365 Cep=306=S 687 [010].
 V366 Cep=307=New red var [088].
 V367 Cep=326=BD+62°2173(7.0) [089]=
 =HD 218673(K2)=CH3 2857.
 V368 Cep=328=BD+78°826(7.7)=HD 220140
 (G5)[090]=H 2311+77 [305].
 BL Cet=013=L 726-8A [091,092]=
 =G 272-61A=NSV 00577.
 BW Cir=180=X-ray Nova Ginga [094]=
 =W Cir 1987.
 TX Col=111=1H 0542-407 [096].
 V694 CrA=249=CoD-37°12303(7.7)=CPD-37°
 =7956(7.8)=HD 166473(A5) [097].

δ	CrB=187=10 CrB=HR 5889 (098)=BD +26°2737(4.5)=HD 141714(G5).	DY	Dra=203=A newly discovered distant RR Lyrae variable [134].
TT	Crt=162=FSV 113211 [099].	DZ	Dra=229=BD+68°945(7.7) [135,136]=
CD	Cru=172=HDE 311884(O)=		=HD 160832(K5)=IRC+70141=
	=3(Hogg 15) [100].		=NSV 09415.
CE	Cru=174=CoD-62°673(9.5)=	EE	Dra=255=HR 7224 [128]=
	=CPD-62°2914(8.8)=		=BD+69°1018(6.3)=HD 177410(B9).
	=HD 110736(B8) [064].	σ	Dra=253= σ Dra[137]=47 Dra=HR 7125=
V1918	Cyg=265=BD+52°2426(9.5)=BV 313		=BD+59°1925(4.3)=HD 175306(K0)=
	[101]=NSV 12040.		=ADS 11779A.
V1919	Cyg=266=BD+33°3507(7.5)=IRC+30376=	EL	Eri=044=BD-5°592(7.8)=
	=HD 184827(Ma) [103].		=HD 19754(K0) [138,011].
V1920	Cyg=268=HD 225642(B)=	EM	Eri=077=HR 1363=BD-7°798(6.3)=
	=LSII+33°5 [104, Landolt].		=HD 27563(B8) [139].
V1921	Cyg=272=New red var in Cyg [106].	τ^*	Eri=070=33 Eri=HR 1213=CoD-24°
V1922	Cyg=282=7(IC 4996) [107].		1945(4.4)=CPD-24°483(4.3)=
V1923	Cyg=284=WR 145 [109]=CH3 2843.		=HD 24587(B5) [141].
V1924	Cyg=285=A2 [111].	UV	For=016=CoD-24°751(8.0)=
V1925	Cyg=286=CS 1250 [112]=CH3 2845.		=CPD-24°201(8.4)=
V1926	Cyg=287=Z.B.46[113]. This star is		=HD 10909(K0) [138,011].
	not identical with B 46[114]	UW	For=034=CoD-35°886(10)=HV 8019
	which is V1700 Cyg.		[142]=BV 988 [143]=NSV 00863.
V1927	Cyg=288=LkH. 184 [115]=2 [116]=	UX	For=038=CoD-38°899(8.0)=CPD-38°
	=B 47 [114].		218(8.2)=HD17084(G5)[011].
V1928	Cyg=289=A4 [111].	UY	For=039=CoD-25°1083(8.0)=
V1929	Cyg=290=A5 [111].		=CPD-25°314(8.4)=
V1930	Cyg=291=Z.B.45 [113]. This star is		=HD 17144(K0) [138,011].
	not identical with B 45[114].	UZ	For=046=EXO 033319-2554.2 [145,
V1931	Cyg=292=60 Cyg [117]=HR 8053=		Beuermann, Thomas].
	=BD+45°3364(5.7)=HD200310(B3)=	OW	Gem=119=BD+17°1281(8.0) [148]=
	=ADS 14549A.		=HDE 258878(F2)=NSV 03005[149].
V1932	Cyg=295=CH3 2830 [118, <i>Уграсов</i>].	CD	Gru=315=IRAS 22231-4529[151,152].
V1933	Cyg=297=CH3 2828 [119, <i>Горанский</i>].	V823	Her=193=49 Her=HR 6268 [128]=BD
V1934	Cyg=298=HR 8206[128]=BD+48°3376		+15°3066(6.1)=HD 152308(A0p).
	(6.5)=HD204131(A0)[120]=ADS14962A.	V824	Her=198=PG 1654+160 [153].
V1935	Cyg=299=4(V48) [121]=CH3 2849.	V825	Her=202=PG 1717+413 [042].
V1936	Cyg=301=3(V47) [121]=CH3 2850.	V826	Her=242=HR 6626 [154, <i>Hall, Kirkpatrick, Seufert</i>]=BD+39°3219(6.0)=
V1937	Cyg=303=2(V46) [121]=CH3 2851.		=HD 161832(K0)=ADS 10782.
V1938	Cyg=304=1(V45) [121]=CH3 2852.	V827	Her=252=N Her 1987 [155, <i>Sugano, Honda</i>].
V1939	Cyg=305=5(V49) [121]=CH3 2853.		
V1940	Cyg=308=CH3 2283[122, <i>Уграсов</i>]; the	V828	Her=254=HR 7147[128]=BD+17°3778
	identification of CH3 2283 with		(7.0)=HD 175744(B9).
	HY Peg [123] is wrong, HY Peg=	ζ	Her=240= ζ Her[158,159,160]=85 Her=
	=CH3 2829 [124], see [125].		=HR 6588=BD+46°2349(4.0)=
V1941	Cyg=309=S 10902 [126].		=IRC+70141=HD 160762(B3)=
V1942	Cyg=310=HR 8407 [128]=BD+43°		=K3II 101670=NSV 09501.
	4119(6.0)=HD 209515(A0)=	VW	Hor=035=EXO 023432-5232.3 [162].
	=ADS 15578.	LU	Hya=137=BD-6°2585(8.0)=
AG	Dor=072=CoD-52°858(8.2)=CPD-52°		=HD 71071(G5)[138,011].
	497(8.4)=HD 26354(K0)[011].	LV	Hya=171=HR 4571=CoD-32°8413(6.4)=
AH	Dor=106=HV 2586 [129]; the		=CPD-32°3174(6.6)=HD 103789
	identification with		(A0)[165].
	HV 2578 [130] is wrong.		
AI	Dor=112=HV 12643 [132].		

LW Hya=175=BD-22°3467(9.0)[166,167]=
 =CoD-22°9659(9.2)=
 =CPD-22°5522(9.2)=
 =Abell 35(central star) [168]=
 =PK 303+40°1.
 e Hya=140=ε Hya [171]=11 Hya=
 =HR 3482=BD+6°2036(3.5)=
 =IRC+10193=HD 74874(F8) [170]=
 =ADS 6993=NSV 04244.
 BQ Hyi=028=CoD-72°107(8.7)=
 =CPD-72°166(8.1)=
 =HD 14643(G5) [050].
 BR Hyi=074=CoD-69°209(10.0)=
 =CPD-69°255(9.4)=HD 27503(A)=
 =LB 3345 [172].
 BS Hyi=085=HV 8033 [174]=BV 1026
 [175]=K3II 413=NSV 01601.
 BH Ind=302=CoD-53°8860(8.6)=
 =CPD-53°10073(9.2)=
 =HD 204128(G5) [011].
 V368 Lac=311=S 10903 [126].
 V369 Lac=312=S 10901 [176].
 V370 Lac=314=S 10904 [126].
 V371 Lac=316=S 10905 [126].
 V372 Lac=318=S 10906 [126].
 V373 Lac=320=S 10907 [126].
 V374 Lac=322=S 10908 [126].
 DT Leo=161=PG 1115+158 [178].
 SU LMi=145=10 LMi [180]=HR 3800=
 =BD+37°2004(4.8)=
 =IRC+40208=HD 82635(G5).
 SV LMi=146=11 LMi [180]=HR 3815=
 =BD+36°1979(5.5)=HD 82885(K0).
 SW LMi=149=CBS 114 [182].
 SX LMi=158=CBS 31 [184].
 UU Lep=100=CoD-26°2085(7.0)=
 =CPD-26°749(8.0)=
 =HD 34198(K0) [138,011].
 HK Lib=185=var [185, *Myrapsel*=
 =CH3 2839.
 BD Lyn=127=BD+51°1329(9.5) [186]=
 =CH3 2838.
 BE Lyn=143=BD+46°1490(8.5) [187]=
 =HD 79889(A3).
 BF Lyn=144=BD+40°2197(7.5)=
 =HD 80715(K2) [189].
 V488 Lyr=258=var [191]=CH3 2841.
 AB Men=095=HV 12714 [132, *Boyce*,
 McKibben Nail].
 AC Men=102=HV 924 [129].
 AD Men=114=HV 12703 [132]=
 =HV 12866 [132, *Boyce*,
 McKibben Nail]=XXV [192].
 AE Men=118=CoD-71°342(9.4)=
 =CPD-71°441(9.0)=HD 46291
 (K0) [011].
 BM Mic=293=CoD-31°18144(7.8)=
 =CPD-31°6481(8.6)=
 =HD 202077(G5) [193].
 BN Mic=294=CoD-31°18145(7.7)=CPD
 -31°6482(8.4)=HD 202134
 (K0) [138,078,011].
 V682 Mon=117=BD-4°1530(8.4)=HD 45583
 (B8)[056]=NGC 2232-9.
 V683 Mon=120=BD-7°1455(8.3)=
 =HD 46282(B9) [189,194].
 V684 Mon=122=BD+9°1332(8.5)=
 =HD 47755(B9) [195]=
 =Walker 74(NGC 2264).
 V685 Mon=124=S 223 [010].
 V686 Mon=125=McNaught's var [197,
 McNaught]=TAV 0723-03.
 GT Mus=170=HR 4492=CoD-64°554
 (6.0)=CPD-64°1685(6.4)=
 =HD 101379/80(G0/A0)=
 =12G Mus [199]=BV 475 [200]=
 =K3II 101211 [201]=NSV 05283.
 V347 Nor=190=He2-147[079,202]=
 =PK 327-4°1.
 V348 Nor=192=CoD-43°10792(8.0)=CPD-43°
 7557(7.7)=HD 147985(B8)[037].
 V2212 Oph=197=IRC-10350 [203].
 V2213 Oph=199=HR 6349=BD+0°3629(6.3)=
 =HD 154417(G0) [205].
 V2214 Oph=200=var in Oph[206]=N Oph1988.
 V2215 Oph=201=CoD-26°12036(6.8)=
 =CPD-26°5863(8.0)=
 =HD 156026(K2) [011].
 V2216 Oph=206=GX9+9[208]=3U1728-16[209].
 V2217 Oph=209=V5 [210]=NSV 09206.
 V2218 Oph=210=V6 [210]=NSV 09207.
 V2219 Oph=213=V14 [210]=NSV 09229.
 V2220 Oph=214=V15 [210]=NSV 09230.
 V2221 Oph=215=V18 [210]=NSV 09241.
 V2222 Oph=216=V112 [212]=NSV 09259.
 V2223 Oph=217=V29 [210]=NSV 09286.
 V2224 Oph=218=V132 [212]=NSV 09290.
 V2225 Oph=219=V35 [210]=NSV 09312.
 V2226 Oph=220=V147 [212]=NSV 09314.
 V2227 Oph=221=V36 [210]=NSV 09315.
 V2228 Oph=222=V43 [210]=NSV 09337.
 V2229 Oph=223=V46 [210]=NSV 09344.
 V2230 Oph=224=V167 [212]=NSV 09351.
 V2231 Oph=225=V60 [210]=NSV 09376.
 V2232 Oph=226=V65 [210]=NSV 09391.
 V2233 Oph=227=V66 [210]=NSV 09392.

V2234 Oph=230=V195 [212]=NSV 09419.
 V2235 Oph=231=V75 [210]=NSV 09418.
 V2236 Oph=233=V80 [210]=NSV 09432.
 V2237 Oph=234=V82 [210]=NSV 09436.
 V2238 Oph=235=V85 [210]=NSV 09443.
 V2239 Oph=236=V210 [212]=NSV 09466.
 V2240 Oph=237=V91 [210]=NSV 09469.
 V2241 Oph=238=V92 [210]=NSV 09473.
 V2242 Oph=239=V95 [210]=NSV 09484.
 V2243 Oph=241=BD-18°46'29"(9.2)=
 =HD 160886(B5) [213].
 V2244 Oph=243=LS IV-1°2 [214].
 V1192 Ori=098=BD+3°7'33"(8.5)=
 =HD 31993(K2) [138, 011].
 V1193 Ori=101=var [216].
 V1194 Ori=103=B 31 [217]=CNI3 2835.
 V1195 Ori=104=B 33 [217]=CNI3 2836.
 V1196 Ori=105=BD-4°11'57"(9.5)=
 =HDE 294218(K0)=II 748=
 =B 36 [217]=CNI3 2837.
 V1197 Ori=110=HR 1970 [154, Hall,
 Kirkpatrick, Seufert]=
 =BD-1°10'12"(7.8)=
 =IRC 00084=HD 38099(K2).
 KP Peg=300=BD+13°47'08"(7.0)=
 =HD 204215(A2)=
 =ADS 14977A [219]=NSV 13708.
 KQ Peg=321=PG 2240+193 [042].
 KR Peg=325=PG 2203+243 [221].
 KS Peg=329=75 Peg[222]=HR 8963=BD
 +17°49'52"(5.8)=HD 222133(A0).
 KT Peg=330=BD+27°45'58"(6.8)=
 =HD 222317(G0) [154, Hall,
 Kirkpatrick, Hall].
 V493 Per=036=BD+56°6'56"(9.1)=
 =HD 16523(Oa)[223]=WR 4[020].
 V494 Per=041=S 10920 [225].
 V495 Per=043=S 10921 [226].
 V496 Per=045=BD+37°7'54"(7.5)=
 =HD 22114(A0) [056].
 V497 Per=047=BD+35°7'38"(8.8)=
 =HD 22961(A) [056].
 V498 Per=058=BD+35°7'51"(9.1)=
 =HDE 279021(A2) [056].
 V499 Per=064=BD+34°7'55"(8.7)=
 =HDE 279110(B9) [056].
 BE Phe=004=IRAS 00193-4033 [152].
 TV Pic=097=CoD-47°15'26"(7.5)=CPD-47°
 491(7.4)=HD30861(A0)[229, Euro-
 pean Ap working group; 227].
 TW Pic=107=H 0534-581 [230].
 TX Pic=108=HR 1927=CoD-47°19'40"(6.7)=
 =CPD-47°6'20"(7.0)=
 =HD 37434(K0) [011].
 TY Pic=115=CoD-54°13'29"(7.4)=
 =CPD-54°9'73"(8.0)=
 =HD 42504(K0) [011].
 TZ Pic=121=CoD-58°14'71"(7.7)=
 =CPD-58°7'18"(8.1)=
 =HD 46697(K2) [011].
 BB Pec=012=PG 0122+200 [231, 232].
 TZ PsA=323=CoD-34°15'53"(8.3)=
 =CPD-34°9'207"(8.4)=
 =HD 217344(G5) [011].
 V343 Pup=126=CoD-46°32'19"(8.8)=
 =CPD-46°15'48"(8.2)=
 =HD 60431(B3) [233].
 V344 Pup=128=CoD-44°35'73"(7.1)=
 =CPD-44°17'10"(7.8)=
 =HD 61245(K0) [011].
 VX Pyx=138=HR 3385=CoD-34°49'59
 (6.8)=CPD-34°26'44"(7.5)=
 =HD 72688(K0) [011].
 TU Ret=083=HV 12708 [132, Boyce,
 McKibben Nail].
 QW Sge=269=S 8321 [033]=HL 80-5
 [234]=AS 360[081]=NSV 12383.
 QX Sge=276=PSR 1957+20 [235].
 V4134 Sgr=244=X 1755-338 [237]=
 =star 6 (2S 1755-338).
 V4135 Sgr=245=Nova Sgr 1987 [239].
 V4136 Sgr=248=LkH. 127[241]=CNI3 2840.
 V4137 Sgr=251=V7(NGC 6626) [243].
 V4138 Sgr=263=BD-20°55'16"(7.0)=
 =CPD-20°7'550"(7.7)=
 =HD 181809(K0)[050, 138, 011].
 V4139 Sgr=264=CoD-41°13'525"(8.3)=
 =CPD-41°9'096"(8.8)=
 =HD 182776(K0) [078, 011].
 V4140 Sgr=274=S 7273 [245]=NSV 12615.
 V961 Sco=191=CoD-25°11'483"(8.6)=
 =CPD-25°5'784"(8.4)=
 =HD 147105(A0) [247, 056].
 V962 Sco=194=CoD-41°11'007"(9.3)=
 =CPD-41°7'697"(9.2)=
 =HDE 326327(B2) [248]=
 =Seggewiss 28(NGC 6231).
 V963 Sco=195=CPD-41°7'734"(10.4)=
 =Seggewiss 80(NGC 6231)[249].
 V964 Sco=196=CPD-41°7'738"(9.4)=
 =HDE 326330(B3)=
 =Seggewiss 238(NGC 6231)[249].
 V965 Sco=205=CoD-33°12'122"(8.5)=
 =CPD-33°44'25"(8.8)=HD 158393
 (K0) [251]=NSV 08931.
 V966 Sco=207=F4 [253].
 V967 Sco=208=F3 [253].
 V968 Sco=211=F2 [253].

V969 Sco=212=F1 [253].
 V970 Sco=228=CoD-32°13074(9.2)=
 =CPD-32°4690(8.7)=
 =HDE 318107(B8) [056].
 V971 Sco=232=CoD-32°13103(9.5)=CPD-32°
 4717(9.2)=HDE 318100(B9) [056].
 AQ Scl=007=V35 [254].
 AR Scl=008=V59 [254].
 AS Scl=010=CoD-27°352(7.7)=CPD
 -27°90(7.8)=HD 6491(F0) [255].
 NN Ser=188=PG 1550+131 [042].
 NO Ser=246=BD-1°3438(9.5) [256,257].
 NP Ser=250=28[303]=G star [209]=
 =3U 1813-14=GX17+2.
 β Sex=151=30 Sex=HR 4119=BD+0°2663
 (5.3)=HD 90994(B5) [165].
 V963 Tau=048=Hz 152 [258]=CH3 2832.
 V964 Tau=049=K [260].
 V965 Tau=050=N [260].
 V966 Tau=051=HII 296 [261].
 V967 Tau=052=Q [260].
 V968 Tau=053=Q [260].
 V969 Tau=054=BD+24°551(9.2)=
 =HD 23386(G) [189]=Hz 739[258].
 V970 Tau=055=I [260].
 V971 Tau=056=23 Tau=HR 1156=
 =BD+23°522(4.5)=HD 23480(B5)
 [263]=323 [262]=NSV 01287.
 V972 Tau=057=B [260].
 V973 Tau=059=P [260].
 V974 Tau=060=G [260].
 V975 Tau=061=H [260].
 V976 Tau=062=J [260].
 V977 Tau=063=B [260].
 V978 Tau=065=L [260].
 V979 Tau=066=D [260].
 V980 Tau=067=A [260].
 V981 Tau=068=C [260].
 V982 Tau=069=M [260].
 V983 Tau=071=F [260].
 V984 Tau=073=BD+21°612(9.0)=
 =HDE 284253(G5)=VB 21 [265].
 V985 Tau=075=BD+15°609(9.0)=
 =HDE 285690(K0)=VB 25 [266].
 V986 Tau=076=BD+18°623(7.9)=
 =HD 27406(F8)=VB 31 [266].
 V987 Tau=078=BD+27°657(8.7) [267]=
 =HDE 283572(G0) [268].
 V988 Tau=080=BD+19°708(9.0)=
 =HDE 284414(K0)=VB 43 [266].
 V989 Tau=081=BD+15°616(9.5)=
 =HDE 285749(K5)=VB 173 [266].
 V990 Tau=082=BD+17°715(9.5)=
 =HDE 285720(K2)=VB 174 [266].
 V991 Tau=084=BD+16°593(9.4)=
 =HDE 285742(K0)=VB 175 [266].
 V992 Tau=086=BD+15°624(7.7)=HD 28034
 (G0)=VA 384[269]=VB 59[266].
 V993 Tau=087=BD+15°627(8.2)=HD 28205
 (G0)=VA 446[270]=VB 65[266].
 V994 Tau=088=HDE 285806(K7)=VB 190
 [266]=G7-234.
 V995 Tau=089=BD+15°634(9.5)=
 =HDE 285805(K5)=VB 181 [266].
 V996 Tau=090=BD+15°646(8.8)=HD 28783
 (K0)=VA 684 [269]=VB 91[266].
 V997 Tau=091=BD+15°647(8.6)=HD 28805
 (G5)=VA 692 [270]=VB 92[266].
 V998 Tau=092=BD+14°728(7.9)=HD 29310
 (G0)=VB 102 [269].
 V999 Tau=093=33 [274]=B 13 [271]=
 =1-C [272]=LkH_α 332/G2 [273]=
 =CH3 2833.
 V1000 Tau=094=34 [274]=1-B [272]=
 =LkH_α 332/G1 [273]=CH3 2834.
 V1001 Tau=096=37 [275]=H-R 73 [276]=
 =NSV 01715.
 UX Tri=015=456.1934 [004]=
 =K3II 164 [019]=NSV 00616.
 UY Tri=018=S 10910 [005].
 UZ Tri=020=S 10911 [005].
 VV Tri=021=S 10912 [005].
 VW Tri=022=S 10913 [005].
 VX Tri=025=S 10914 [005].
 VY Tri=027=S 10915 [005].
 VZ Tri=029=S 10917 [005].
 WW Tri=030=Vr 137 [278]=NSV 00814.
 WX Tri=031=S 10918 [005].
 WY Tri=032=S 10919 [005].
 LS TrA=186=CoD-62°937(8.4)=
 =CPD-62°4482(8.6)=
 =HD 137164(G5) [050].
 LT TrA=189=CoD-62°1009(9.0)=
 =CPD-62°5141(8.8)=
 =HD 143414(OB) [279,280]=
 =VR 71 [224]=NSV 07395.
 CM Tuc=009=LV 60 [281].
 EI UMa=139=PG 0834+488 [042].
 EK UMa=154=1E 1048.5+5421 [285].
 EL UMa=159=var [286]=CBS 132.
 EM UMa=179=PG 1351+489 [179].
 KW Vel=136=CoD-49°3370(8.3)=
 =CPD-49°1513(8.1)=HD 68074
 (B9) [056]=NGC 2547-5.
 KX Vel=141=HR 3527 [287]=
 =CoD-46°4661(5.6)=
 =CPD-46°3120(5.3)=
 =HD 75821(B0).

KY	Vel=142=CoD-51°3378(9.8)[233]= =CPD-51°1770(9.2)= =HDE 298246(B9).	HX	Vir=177=73 Vir [292]=HR 5094= =BD-17°3877(6.4)=HD 117661(A3).
KZ	Vel=147=CoD-54°3103(9.0)= =CPD-54°2820(10.0)= =HD 85891(K0) [288].	QV	Vul=257=M Vul 1987 [293].
LL	Vel=160=CoD-50°5641(7.1)= =CPD-50°3903(7.7)= =HD 96008(A5) [289].	QW	Vul=261=BD+24°3675(9.3) [295]= =HDE 343872(B8).
HW	Vir=173=BD-7°3477(9.4) [290, Lynas-Gray].	QX	Vul=267=? [296, 307].
		QY	Vul=270=HD 186943(Oa)[297, 298, 020]= =VR 127 [224].
		QZ	Vul=280=X-ray Nova Vul(Candidate B) [300].

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