

The 82nd Name-List of Variable Stars. Part II – RA 18^h to 20^h and Novae

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We present the second part of a new Name-List of variable stars containing information on 1353 variable stars recently designated in the system of the General Catalogue of Variable Stars. With the exception of Novae and other unusual variables named upon request from the IAU CBAT or by our initiative, these stars are in the range of J2000.0 right ascensions from 18 hours 00 minutes to 20 hours 00 minutes.

1 INTRODUCTION

For many years, Name-Lists of variable stars were regularly published in the Information Bulletin on Variable Stars (IBVS), issued on behalf of variable-star-related commissions of the International Astronomical Union. Soon after the first part of the 82nd Name-List of variable stars (Kazarovets et al., 2019) had been published in the IBVS, the IBVS was discontinued.

After discussions, we came to the decision to publish the second and third parts of the 82nd Name-List in the electronic journal “Peremennye Zvezdy/Variable Stars”. One of important reasons for this decision is that, since 2019, the main part of the electronic journal “Peremennye Zvezdy/Variable Stars” is covered by SCOPUS.

2 THE SECOND PART OF THE NAME-LIST

This publication, Part II of the 82nd Name-List of Variable Stars, contains information on 1353 stars newly named in the system of the General Catalogue of Variable Stars (GCVS; Samus et al., 2017), six of them being extraordinary namings for recent Novae, provided either upon request from the Central Bureau for Astronomical Telegrams or on our initiative.

Like in the first part of the current 82nd Name-List, we separate the catalogue of newly designated variables (it will be presented at the GCVS web site). Table 1 of the current Name-List contains the new GCVS name, equatorial coordinates (rounded to an accuracy sufficient for identification), and variability type for each star. The order of stars in Table 1

corresponds to the order of stars in the GCVS. The electronic version of the Name-List at <http://www.sai.msu.su/gcvs/gcvs/nl82>, to be presented in the nearest future, will additionally contain variability ranges, light elements, spectral types, identifications with astronomical catalogues, detailed remarks, bibliographic references for the newly named variable stars (the first reference, to the photometric study, is to the published or unpublished studies of the GCVS authors in more than 60% of all cases), accurate coordinates and proper motions (with references to corresponding positional catalogs or sources in the literature). Like in the first part, the majority of variable stars in the second part of the 82nd Name-List are included into it with coordinates from Gaia DR2 (Gaia Collaboration, 2018).

As mentioned above, six recent Novae were given their GCVS names quickly after their discoveries. Currently, the Central Bureau for Astronomical Telegrams suggests for quick naming only those stars that were announced through its publications. It usually does not consider Nova announcements in other publications, for instance, in “The Astronomer’s Telegrams”. We also selected several such stars for immediate naming. The list of the six recent Novae that obtained their GCVS names soon after their announcement is presented in Table 2.

During the preparations of the Name-list, we also identified 7 unnamed Novae and an X-ray Nova in overlooked publications. We give them their GCVS names in the normal order. A list of these stars is presented in Table 3; besides, they are included in Table 1.

The first part of the 82nd Name-list additionally contained a list of 324 variable stars from 10 globular clusters in four constellations (Apus, Ara, Aquila, Aquarius), now added to the GCVS. We are continuing this work, and recent additions to the GCVS from several globular clusters will be announced in the 3rd part of the present Name-list.

The total number of named variable stars, not counting designated non-existing stars or stars subsequently identified with earlier-named variables, is now 54 821.

Acknowledgments: This study was supported in part by the Programme No. 12 “Origin and Evolution of the Universe from Ground-based Observations and Space Studies” of the Presidium of Russian Academy of Sciences. We gratefully acknowledge the use of the ASAS-3 (Pojmanski, 1997), Catalina (Drake et al., 2009), ASAS-SN (Shappee et al., 2014; Kochanek et al., 2017) databases.

References:

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Table 1

Name	R.A., Decl., 2000.0					Type	Name	R.A., Decl., 2000.0					Type				
	h	m	s	o	'	"		h	m	s	o	'	"				
V0511	Aps	18	07	55.9	-69	25	06	EA	V1960	Aql	19	39	10.6	+08	30	19	M:
V1907	Aql	18	42	44.8	-03	44	43	DCEP	V1961	Aql	19	39	44.8	-05	45	50	SRB
V1908	Aql	18	59	09.1	+10	23	40	M	V1962	Aql	19	40	02.8	+15	03	22	SR
V1909	Aql	19	00	09.0	+11	51	19	EW	V1963	Aql	19	42	43.3	+11	07	37	SRB
V1910	Aql	19	00	56.4	-03	02	57	SRB	V1964	Aql	19	42	51.2	+13	21	04	SRB
V1911	Aql	19	01	47.7	+04	54	45	LB	V1965	Aql	19	43	54.5	+09	50	33	DSCT
V1912	Aql	19	02	29.8	-04	59	03	M	V1966	Aql	19	44	22.1	-04	22	36	SRB
V1913	Aql	19	02	36.0	-01	06	18	M	V1967	Aql	19	44	23.2	+06	05	48	SRB
V1914	Aql	19	02	39.6	-04	19	11	SRB	V1968	Aql	19	44	31.9	+07	35	04	M
V1915	Aql	19	03	51.5	+14	33	42	LB	V1969	Aql	19	44	43.3	-03	58	08	SRB
V1916	Aql	19	03	53.1	+13	50	49	SRB	V1970	Aql	19	45	02.9	-01	37	30	LB
V1917	Aql	19	03	56.7	+14	12	25	M	V1971	Aql	19	45	31.0	+11	36	31	EA
V1918	Aql	19	04	46.9	+02	59	03	SRB	V1972	Aql	19	45	53.9	+11	23	40	SRB
V1919	Aql	19	05	04.7	+05	37	11	EB	V1973	Aql	19	46	43.3	+14	26	24	SR
V1920	Aql	19	05	06.3	-02	42	09	M	V1974	Aql	19	47	34.6	+09	22	58	M
V1921	Aql	19	08	16.6	+04	29	52	M	V1975	Aql	19	48	28.6	+09	12	34	SRB
V1922	Aql	19	09	55.5	-02	47	37	ZAND	V1976	Aql	19	48	55.6	-02	51	20	SRB
V1923	Aql	19	12	38.8	+06	52	58	LB	V1977	Aql	19	48	55.8	-02	53	09	SR
V1924	Aql	19	13	07.9	-01	27	13	LB	V1978	Aql	19	49	13.5	+14	39	37	EW
V1925	Aql	19	14	58.9	+14	40	18	SRB	V1979	Aql	19	50	12.6	-01	07	46	SRB
V1926	Aql	19	14	59.1	+04	51	49	LB	V1980	Aql	19	50	25.7	+03	26	00	SR
V1927	Aql	19	17	27.2	+06	29	50	DSCT	V1981	Aql	19	51	18.7	+00	25	50	SRB
V1928	Aql	19	17	44.8	+08	46	54	EW	V1982	Aql	19	53	15.8	+07	29	55	SRB
V1929	Aql	19	20	08.6	-03	01	59	M	V1983	Aql	19	53	30.5	+09	22	12	M
V1930	Aql	19	21	22.1	+04	32	47	EB	V1984	Aql	19	54	23.2	+05	43	05	LB
V1931	Aql	19	21	30.8	+00	16	59	SR	V1985	Aql	19	54	33.0	+08	54	17	UG
V1932	Aql	19	22	53.4	-00	37	17	M	V1986	Aql	19	54	53.4	+15	17	38	SR
V1933	Aql	19	23	17.1	-10	30	58	SRB	V1987	Aql	19	55	02.9	-00	29	02	SRB
V1934	Aql	19	23	30.2	+01	31	20	M	V1988	Aql	19	55	06.5	+15	39	26	SRB
V1935	Aql	19	23	36.4	-02	15	35	M	V1989	Aql	19	55	06.9	-11	01	03	M
V1936	Aql	19	23	47.6	+14	36	39	SRB	V1990	Aql	19	55	13.5	-02	06	24	M
V1937	Aql	19	23	56.2	+07	09	57	SRB	V1991	Aql	19	55	26.4	+13	14	59	SRB
V1938	Aql	19	24	12.2	+03	08	37	SRB	V1992	Aql	19	55	59.4	+15	37	56	SRB
V1939	Aql	19	27	19.5	+08	20	53	SRB	V1993	Aql	19	56	28.8	-01	47	24	SRB
V1940	Aql	19	27	38.5	+07	42	50	LB	V1994	Aql	19	56	39.5	+14	58	46	LB
V1941	Aql	19	27	40.2	+06	54	00	M	V1995	Aql	19	57	53.2	+01	28	57	SRB
V1942	Aql	19	28	49.2	+05	46	24	SRB	V1996	Aql	19	58	09.8	+05	19	25	UV
V1943	Aql	19	29	13.5	+06	09	20	M:	V1997	Aql	19	58	10.0	+10	47	04	SRB
V1944	Aql	19	30	06.9	+07	41	45	M	V1998	Aql	19	59	16.1	+10	18	49	SRB
V1945	Aql	19	31	00.8	+02	43	22	M	V1999	Aql	19	59	17.5	-01	52	51	EA
V1946	Aql	19	31	25.4	+10	10	42	SRB	V1157	Ara	18	04	00.6	-48	02	33	M
V1947	Aql	19	32	10.0	+07	21	50	LB	V1158	Ara	18	04	03.3	-54	09	56	RRAB
V1948	Aql	19	33	01.8	+04	51	30	SRB	V1159	Ara	18	05	24.5	-53	48	26	LB
V1949	Aql	19	34	04.8	+01	18	45	SRB	V1160	Ara	18	06	23.6	-49	07	17	M
V1950	Aql	19	34	17.6	+05	53	05	SRB	V1161	Ara	18	06	26.2	-45	43	13	LB
V1951	Aql	19	34	42.7	+06	13	34	M	V1162	Ara	18	07	08.9	-47	35	36	LB
V1952	Aql	19	36	36.4	+04	37	03	ACV:	V1163	Ara	18	07	17.9	-46	48	43	SRA
V1953	Aql	19	37	11.1	+11	48	14	EW	V1164	Ara	18	07	38.8	-53	15	34	EB
V1954	Aql	19	37	36.7	-06	19	36	SRB	V1165	Ara	18	07	51.3	-56	54	50	SR
V1955	Aql	19	37	39.8	-06	22	34	SRB	V1166	Ara	18	07	57.0	-56	55	05	RRAB
V1956	Aql	19	37	59.5	+09	24	26	SRB	V1167	Ara	18	08	26.4	-47	53	41	M
V1957	Aql	19	38	47.0	+08	27	32	LB	V1168	Ara	18	08	34.2	-45	59	07	RRAB
V1958	Aql	19	38	54.9	+06	19	58	SRB	V1169	Ara	18	08	41.4	-46	54	48	UG
V1959	Aql	19	38	54.9	+07	57	44	SRA	V1170	Ara	18	08	51.2	-51	58	28	LB

Table 1 (continued)

Name	R.A., Decl., 2000.0						Type	Name	R.A., Decl., 2000.0						Type		
	h	m	s	o	'	"			h	m	s	o	'	"			
V1171	Ara	18	09	24.2	-50	00	20	EA:	V0810	CrA	19	05	38.4	-44	21	54	RRAB
V1172	Ara	18	09	31.9	-49	02	32	M	V0811	CrA	19	06	27.1	-40	52	25	LB
V1173	Ara	18	09	36.7	-50	16	39	SR	V0812	CrA	19	06	58.4	-40	18	39	SRB
V0759	CrA	18	04	20.5	-39	59	23	EB	V0813	CrA	19	07	09.5	-38	04	04	RRC
V0760	CrA	18	04	35.5	-40	02	43	RRC	V0814	CrA	19	08	06.7	-43	50	45	RRC
V0761	CrA	18	05	07.1	-39	16	32	SRB	V0815	CrA	19	08	44.5	-41	22	59	RRAB
V0762	CrA	18	06	01.8	-40	59	17	SR	V0816	CrA	19	08	46.6	-40	28	21	RRC
V0763	CrA	18	06	29.9	-39	22	21	SRB	V0817	CrA	19	11	27.1	-44	57	06	RRC
V0764	CrA	18	06	38.9	-41	37	03	M	V2842	Cyg	19	12	21.1	+55	05	07	RRAB
V0765	CrA	18	06	44.2	-39	46	12	EW	V2843	Cyg	19	12	39.4	+53	10	32	SR
V0766	CrA	18	06	50.9	-41	39	46	SRB	V2844	Cyg	19	14	20.5	+50	36	41	SRB
V0767	CrA	18	07	19.2	-39	41	26	SRB	V2845	Cyg	19	16	09.3	+51	34	44	SRB
V0768	CrA	18	08	14.2	-38	47	44	SRB	V2846	Cyg	19	18	48.1	+55	35	40	EW
V0769	CrA	18	08	47.8	-44	09	38	M	V2847	Cyg	19	20	51.4	+48	14	25	SRB
V0770	CrA	18	12	18.5	-40	54	36	LB	V2848	Cyg	19	21	11.6	+47	58	43	EA+DSCTC
V0771	CrA	18	13	12.7	-45	26	08	SR	V2849	Cyg	19	22	02.1	+53	44	13	SRB
V0772	CrA	18	13	34.3	-39	34	02	LB	V2850	Cyg	19	22	14.5	+49	33	25	DSCTC
V0773	CrA	18	14	45.7	-40	46	36	SRB	V2851	Cyg	19	22	19.2	+44	15	12	SRB
V0774	CrA	18	17	53.3	-37	52	30	SRB	V2852	Cyg	19	25	47.4	+47	09	07	EA
V0775	CrA	18	20	04.6	-45	22	20	SRB	V2853	Cyg	19	26	34.2	+52	29	13	SRB
V0776	CrA	18	20	44.1	-42	14	05	M	V2854	Cyg	19	30	37.9	+49	40	40	SRB
V0777	CrA	18	21	06.0	-42	15	08	SR	V2855	Cyg	19	31	27.1	+46	58	09	DSCT
V0778	CrA	18	24	59.3	-41	54	08	SR	V2856	Cyg	19	32	32.6	+52	32	04	SRB:
V0779	CrA	18	26	36.8	-41	46	34	M	V2857	Cyg	19	32	42.1	+28	38	17	SRB
V0780	CrA	18	30	55.1	-44	43	30	SRB	V2858	Cyg	19	33	43.7	+48	24	03	M
V0781	CrA	18	31	05.0	-41	50	18	M	V2859	Cyg	19	34	19.9	+53	53	24	LB
V0782	CrA	18	32	20.3	-44	50	53	M	V2860	Cyg	19	35	36.8	+46	05	56	ELL+DSCTC
V0783	CrA	18	33	24.6	-39	59	32	SRB	V2861	Cyg	19	36	55.8	+46	18	37	SRB
V0784	CrA	18	34	23.7	-44	27	22	M	V2862	Cyg	19	37	04.3	+56	55	21	LB
V0785	CrA	18	34	46.8	-44	41	09	SR:	V2863	Cyg	19	38	08.1	+46	34	56	DSCTC
V0786	CrA	18	35	06.8	-42	42	31	SRB	V2864	Cyg	19	38	13.0	+28	37	35	LB
V0787	CrA	18	40	44.8	-45	13	08	SRB	V2865	Cyg	19	39	32.5	+51	10	26	SRB
V0788	CrA	18	41	27.0	-40	58	37	SRB	V2866	Cyg	19	39	43.2	+40	08	49	EW
V0789	CrA	18	42	31.9	-40	42	07	SRB	V2867	Cyg	19	40	34.6	+53	07	51	SRB:
V0790	CrA	18	42	39.5	-40	31	23	SRB	V2868	Cyg	19	43	19.9	+28	09	32	M:
V0791	CrA	18	42	45.7	-37	44	20	SRB	V2869	Cyg	19	43	20.9	+30	51	10	M:
V0792	CrA	18	42	52.4	-37	45	16	SR	V2870	Cyg	19	43	24.8	+53	56	46	SRB
V0793	CrA	18	47	23.0	-42	03	32	SRB	V2871	Cyg	19	43	36.7	+32	25	21	EW
V0794	CrA	18	48	37.8	-44	30	09	RRAB	V2872	Cyg	19	46	43.4	+47	20	29	EW
V0795	CrA	18	50	27.2	-42	14	23	RRAB	V2873	Cyg	19	49	57.6	+46	15	21	ZAND
V0796	CrA	18	51	18.9	-45	15	43	SR	V2874	Cyg	19	51	19.6	+34	09	30	EW
V0797	CrA	18	51	21.9	-43	05	55	SR	V2875	Cyg	19	52	13.3	+37	57	55	EB
V0798	CrA	18	51	32.6	-45	05	48	RRAB	V2876	Cyg	19	52	34.3	+37	53	13	EB
V0799	CrA	18	51	54.3	-44	43	06	RRAB	V2877	Cyg	19	53	27.0	+37	54	00	DSCTC
V0800	CrA	18	56	44.0	-44	39	57	RRAB	V2878	Cyg	19	53	45.6	+33	49	51	EA
V0801	CrA	18	57	17.1	-40	59	27	RRAB	V2879	Cyg	19	54	17.0	+37	11	28	SRB
V0802	CrA	18	58	15.0	-43	00	14	SRB	V2880	Cyg	19	56	04.8	+47	13	14	EB
V0803	CrA	18	59	17.6	-43	29	05	RRAB	V2881	Cyg	19	57	41.3	+35	47	07	M:
V0804	CrA	18	59	23.1	-40	30	29	RRAB	V2882	Cyg	19	57	52.3	+46	56	53	M
V0805	CrA	19	00	23.5	-42	02	26	RRAB	V2883	Cyg	19	58	03.9	+36	09	35	M:
V0806	CrA	19	01	56.4	-44	09	56	RRAB	V2884	Cyg	19	58	35.8	+38	10	43	EB
V0807	CrA	19	02	52.2	-41	14	09	RRAB	V2885	Cyg	19	58	36.1	+37	14	02	SR
V0808	CrA	19	02	52.3	-42	00	16	EA	V2886	Cyg	19	58	44.3	+37	14	33	LB
V0809	CrA	19	03	48.9	-42	40	16	RRC	V2887	Cyg	19	59	03.7	+38	20	34	DSCT:

Table 1 (continued)

Name	R.A., Decl., 2000.0					Type	Name	R.A., Decl., 2000.0					Type
	h	m	s	o	' "			h	m	s	o	' "	
V2888 Cyg	19	59	13.9	+38	14 09	EB	V0827 Lyr	18	14	49.7	+40	09 48	DSCT:
V2889 Cyg	19	59	30.9	+40	28 57	EW	V0828 Lyr	18	15	58.4	+39	36 24	EW
V2890 Cyg	19	59	31.8	+38	14 14	DSCTC	V0829 Lyr	18	16	29.3	+37	50 16	RRC
V2891 Cyg	21	09	25.5	+48	10 52	N	V0830 Lyr	18	16	30.8	+37	11 03	EW
V0566 Dra	18	03	49.3	+60	10 16	M	V0831 Lyr	18	16	31.5	+43	00 00	EB
V0567 Dra	18	04	58.8	+69	42 53	DSCTC:	V0832 Lyr	18	18	43.0	+31	48 55	RRAB
V0568 Dra	18	15	07.0	+69	17 32	EW	V0833 Lyr	18	21	42.3	+39	15 21	EW
V0569 Dra	18	21	35.2	+82	38 39	M	V0834 Lyr	18	25	14.7	+35	05 34	RRAB
V0570 Dra	18	32	39.2	+57	38 54	EB	V0835 Lyr	18	28	09.3	+27	24 04	M
V0571 Dra	18	35	58.8	+53	10 29	EW	V0836 Lyr	18	29	47.5	+37	45 01	DSCT
V0572 Dra	18	38	27.6	+50	51 28	LB	V0837 Lyr	18	33	37.5	+40	26 02	SRB
V0573 Dra	18	41	17.1	+62	37 38	SRB	V0838 Lyr	18	34	31.6	+35	39 41	EP
V0574 Dra	18	45	42.6	+48	31 30	EA+XM	V0839 Lyr	18	35	10.1	+42	33 34	SRB
V0575 Dra	18	56	33.2	+54	03 56	LB	V0840 Lyr	18	37	38.2	+40	24 27	EW
V0576 Dra	18	57	17.8	+70	02 10	EW	V0841 Lyr	18	39	50.7	+38	59 01	LB
V0577 Dra	19	00	25.0	+78	28 53	M	V0842 Lyr	18	39	52.3	+43	23 08	EB
V0578 Dra	19	02	49.7	+53	47 18	RRAB	V0843 Lyr	18	40	29.2	+37	26 51	EB
V0579 Dra	19	04	24.0	+54	13 47	EW	V0844 Lyr	18	41	09.5	+45	19 48	RRAB
V0580 Dra	19	05	58.0	+70	12 28	EW	V0845 Lyr	18	42	57.9	+45	18 18	SRD
V0581 Dra	19	07	14.0	+49	18 59	EP	V0846 Lyr	18	44	10.6	+38	23 24	RRC
V0582 Dra	19	14	19.3	+56	47 19	SRB	V0847 Lyr	18	44	15.0	+45	47 08	EB
V0583 Dra	19	15	23.3	+68	31 24	EW	V0848 Lyr	18	45	44.9	+40	17 20	EW
V0584 Dra	19	21	04.5	+56	19 42	EW	V0849 Lyr	18	48	06.5	+41	11 17	EA
V0585 Dra	19	23	13.1	+57	00 56	SRB	V0850 Lyr	18	48	18.5	+40	17 55	SRB
V0586 Dra	19	24	22.7	+59	56 04	M	V0851 Lyr	18	51	26.2	+46	16 57	SRB
V0587 Dra	19	55	53.4	+81	38 47	EW	V0852 Lyr	18	52	26.8	+44	55 21	EW
V0588 Dra	19	56	39.7	+60	05 18	SRB	V0853 Lyr	18	54	50.8	+40	14 09	EA
V1516 Her	18	00	01.2	+40	16 11	EW	V0854 Lyr	18	55	38.3	+42	07 52	EA
V1517 Her	18	02	44.0	+40	03 31	EA	V0855 Lyr	18	55	46.7	+40	10 56	SRB
V1518 Her	18	04	42.9	+34	57 52	LB	V0856 Lyr	18	55	56.8	+30	09 07	M:
V1519 Her	18	06	25.5	+32	36 44	RRAB	V0857 Lyr	18	57	27.2	+42	57 38	EW
V1520 Her	18	08	07.8	+43	04 51	EW	V0858 Lyr	18	57	37.3	+42	20 58	LB
V1521 Her	18	08	40.1	+44	55 52	RRAB	V0859 Lyr	18	57	59.9	+27	01 28	EA
V1522 Her	18	10	32.7	+40	38 48	EW	V0860 Lyr	18	58	35.7	+40	23 01	RRAB
V1523 Her	18	11	06.8	+49	08 58	EW	V0861 Lyr	18	58	41.2	+34	32 19	SR
V1524 Her	18	11	52.5	+37	38 46	EW	V0862 Lyr	18	59	20.8	+45	44 06	RRAB
V1525 Her	18	13	49.2	+38	42 35	EW	V0863 Lyr	18	59	28.5	+31	06 46	M:
V1526 Her	18	14	30.9	+38	07 55	EW	V0864 Lyr	19	01	09.1	+43	46 15	EW
V1527 Her	18	18	11.7	+23	05 35	EB	V0865 Lyr	19	01	38.6	+39	02 28	EW
V1528 Her	18	18	55.9	+27	26 28	LB:	V0866 Lyr	19	01	45.3	+42	14 35	RRAB
V1529 Her	18	22	40.7	+29	31 16	SR	V0867 Lyr	19	03	48.9	+29	42 01	EB
V1530 Her	18	23	53.3	+26	34 11	SRB	V0868 Lyr	19	03	50.5	+46	01 44	RRC
V1531 Her	18	27	30.0	+15	41 30	M	V0869 Lyr	19	04	08.8	+29	48 02	EB
V1532 Her	18	28	45.4	+21	07 11	EW	V0870 Lyr	19	05	19.4	+30	15 25	NL+EA
V1533 Her	18	35	13.8	+13	07 51	M	V0871 Lyr	19	05	24.5	+47	33 46	SRB
V1534 Her	18	44	19.5	+18	54 27	SRB	V0872 Lyr	19	07	05.8	+37	54 34	EW
V1535 Her	18	47	43.8	+23	13 12	DSCT	V0873 Lyr	19	07	19.6	+37	55 16	EW
V1536 Her	18	49	31.8	+21	39 30	LB	V0874 Lyr	19	07	26.2	+38	01 39	EA+ELL/RS
V1537 Her	18	49	57.3	+20	32 13	M	V0875 Lyr	19	07	47.6	+38	55 42	EA
V1538 Her	18	50	14.1	+15	20 38	M	V0876 Lyr	19	08	00.3	+38	01 57	EW
V1539 Her	18	52	59.7	+24	10 57	SRB	V0877 Lyr	19	08	03.9	+37	53 59	EW
V1540 Her	18	55	18.6	+14	18 46	SRB	V0878 Lyr	19	08	09.6	+37	56 16	EW
V1541 Her	18	56	48.9	+14	30 27	M	V0879 Lyr	19	08	36.0	+30	55 12	EW
V1542 Her	18	56	53.2	+24	34 52	SRB	V0880 Lyr	19	09	32.0	+42	20 18	LB

Table 1 (continued)

Name	R.A., Decl., 2000.0					Type	Name	R.A., Decl., 2000.0					Type		
	h	m	s	o	'			h	m	s	o	'			
V0881 Lyr	19	09	33.8	+29	03	29	EB	V0463 Pav	18	15	42.8	-71	02	57	RRAB
V0882 Lyr	19	09	33.9	+43	05	55	EB	V0464 Pav	18	17	24.2	-58	18	41	RRAB
V0883 Lyr	19	10	43.4	+36	16	24	RRAB	V0465 Pav	18	17	49.4	-63	42	32	M
V0884 Lyr	19	11	37.5	+43	09	05	RRAB	V0466 Pav	18	17	57.5	-57	47	40	RRAB
V0885 Lyr	19	13	14.6	+33	29	28	RRAB	V0467 Pav	18	18	12.9	-57	28	48	SRB
V0886 Lyr	19	15	33.7	+43	39	56	SRB	V0468 Pav	18	18	30.6	-69	51	58	RRAB
V0887 Lyr	19	15	54.9	+33	44	53	EW	V0469 Pav	18	19	41.6	-62	52	20	EA
V0888 Lyr	19	17	53.1	+40	26	04	LB	V0470 Pav	18	19	42.1	-57	18	51	RRC
V0889 Lyr	19	18	40.4	+43	25	39	SRB	V0471 Pav	18	19	55.4	-57	41	31	SR
V0890 Lyr	19	18	45.8	+37	08	16	EW	V0472 Pav	18	20	06.7	-58	25	40	SRB
V0891 Lyr	19	19	29.1	+25	45	35	SRB	V0473 Pav	18	20	06.7	-58	17	55	EW
V0892 Lyr	19	21	44.2	+42	04	41	UG	V0474 Pav	18	21	49.8	-63	00	51	RRAB
V0893 Lyr	19	21	48.9	+42	09	46	UG:	V0475 Pav	18	22	53.1	-62	11	49	RRAB
V0894 Lyr	19	24	47.2	+36	27	43	SRB	V0476 Pav	18	23	38.5	-63	38	12	RRAB
V0895 Lyr	19	24	59.1	+36	01	42	M	V0477 Pav	18	24	20.4	-61	28	26	RRAB
FU Oct	18	20	00.4	-83	50	04	RRC	V0478 Pav	18	25	11.6	-58	09	32	SR
FV Oct	18	24	32.0	-84	23	24	EA	V0479 Pav	18	26	07.7	-62	57	48	RRAB
FW Oct	19	19	13.6	-79	22	20	RRAB	V0480 Pav	18	26	43.2	-62	52	19	EA
FX Oct	19	43	05.6	-87	46	53	RRAB	V0481 Pav	18	27	46.0	-63	23	56	SRB
FY Oct	19	59	53.3	-79	27	20	RRAB	V0482 Pav	18	28	35.2	-57	25	58	EA
V3706 Oph	18	00	57.2	+01	36	44	SR:	V0483 Pav	18	29	08.4	-61	49	14	RRAB
V3707 Oph	18	01	29.3	+14	17	45	EB	V0484 Pav	18	29	58.7	-57	44	50	SR
V3708 Oph	18	02	21.4	+11	01	42	DSCT	V0485 Pav	18	30	31.4	-59	51	18	RRC
V3709 Oph	18	03	05.0	+11	39	24	RRAB	V0486 Pav	18	30	38.2	-60	07	42	RRAB
V3710 Oph	18	04	56.9	+07	09	53	LB	V0487 Pav	18	32	05.5	-57	21	51	EA
V3711 Oph	18	05	34.9	+12	30	51	SRB	V0488 Pav	18	34	20.5	-65	02	26	RRAB
V3712 Oph	18	06	04.9	+02	01	43	EW	V0489 Pav	18	34	26.6	-63	12	06	RVA
V3713 Oph	18	07	31.5	+04	15	32	SR	V0490 Pav	18	34	33.4	-61	33	31	RRAB
V3714 Oph	18	08	45.4	+09	27	08	LB	V0491 Pav	18	35	28.3	-74	00	39	SR
V3715 Oph	18	09	52.7	+03	41	59	SRB	V0492 Pav	18	35	49.9	-57	01	40	EW
V3716 Oph	18	12	49.1	+04	08	51	SR	V0493 Pav	18	36	05.2	-63	33	06	M
V3717 Oph	18	13	09.7	+04	28	58	LB	V0494 Pav	18	36	39.7	-61	52	11	RRAB
V3718 Oph	18	13	15.1	+03	46	03	SR	V0495 Pav	18	37	59.9	-57	36	58	SRB
V3719 Oph	18	14	00.5	+03	50	35	LB	V0496 Pav	18	38	33.4	-62	49	54	M
V3720 Oph	18	14	07.6	+05	21	45	SRB	V0497 Pav	18	39	54.0	-69	49	44	RRAB
V3721 Oph	18	20	21.9	+07	11	07	XN	V0498 Pav	18	40	24.5	-57	13	41	LB
V3722 Oph	18	23	58.6	+07	26	59	SR	V0499 Pav	18	41	15.5	-60	44	36	M
V3723 Oph	18	38	44.0	+10	25	33	SR	V0500 Pav	18	43	32.3	-71	13	47	RRC
V3724 Oph	18	39	57.1	+09	58	22	SRB	V0501 Pav	18	45	08.3	-65	27	31	SR
V3725 Oph	18	43	22.6	+08	21	05	SRB	V0502 Pav	18	49	03.6	-58	16	55	EA
V3726 Oph	18	43	26.9	+08	41	32	EA	V0503 Pav	18	49	32.3	-59	05	35	SRB
V3727 Oph	18	43	51.5	+10	42	47	SRD	V0504 Pav	18	49	55.0	-63	33	42	RRAB
V3728 Oph	18	44	19.9	+11	43	40	SRB	V0505 Pav	18	50	21.9	-65	26	59	SRB
V3729 Oph	18	45	38.1	+08	37	20	M	V0506 Pav	18	51	32.4	-56	52	02	EB
V3730 Oph	17	38	31.8	-29	03	47	N	V0507 Pav	18	52	36.4	-60	49	42	RRAB
V2860 Ori	06	09	57.5	+12	12	25	NA	V0508 Pav	18	54	08.1	-57	46	06	RRAB
V0455 Pav	18	06	18.8	-57	41	44	LB	V0509 Pav	18	54	41.7	-70	30	17	RRAB
V0456 Pav	18	06	22.0	-58	49	26	SR	V0510 Pav	18	54	48.3	-73	39	30	RRAB
V0457 Pav	18	06	30.0	-59	55	34	LB	V0511 Pav	18	56	51.6	-72	10	20	UG
V0458 Pav	18	13	13.3	-57	36	15	RRAB	V0512 Pav	18	56	57.8	-70	35	35	RRAB
V0459 Pav	18	13	33.2	-59	35	38	SRB	V0513 Pav	18	58	45.8	-64	26	13	RRAB
V0460 Pav	18	15	02.9	-59	23	09	SRB	V0514 Pav	19	01	05.8	-59	07	24	RRAB
V0461 Pav	18	15	15.7	-61	13	48	M	V0515 Pav	19	02	48.3	-68	08	36	SRB
V0462 Pav	18	15	18.0	-61	15	39	SR	V0516 Pav	19	03	43.9	-58	17	21	RRAB

Table 1 (continued)

Name	R.A., Decl., 2000.0					Type	Name	R.A., Decl., 2000.0					Type
	h	m	s	o	' "			h	m	s	o	' "	
V0517 Pav	19	05	41.3	-57	34 36	RRAB	V5895 Sgr	18	00	12.1	-27	19 06	M
V0518 Pav	19	06	01.3	-63	09 14	SRB	V5896 Sgr	18	00	14.7	-28	16 56	M
V0519 Pav	19	09	02.0	-63	42 19	RRAB	V5897 Sgr	18	00	16.0	-27	55 51	M
V0520 Pav	19	11	09.6	-58	38 27	BCEP:	V5898 Sgr	18	00	16.6	-29	35 27	M
V0521 Pav	19	12	34.3	-57	34 05	EA	V5899 Sgr	18	00	17.6	-28	20 26	M
V0522 Pav	19	12	59.4	-61	28 35	RRAB	V5900 Sgr	18	00	20.9	-28	13 37	M
V0523 Pav	19	14	04.8	-66	46 12	M	V5901 Sgr	18	00	21.0	-27	24 31	M
V0524 Pav	19	15	11.4	-69	37 21	SR	V5902 Sgr	18	00	24.2	-28	08 57	M
V0525 Pav	19	15	15.3	-60	27 21	RRAB	V5903 Sgr	18	00	29.2	-29	41 48	M
V0526 Pav	19	23	31.2	-74	13 30	SR	V5904 Sgr	18	00	29.6	-29	54 32	M
V0527 Pav	19	23	31.6	-64	21 04	RRAB	V5905 Sgr	18	00	31.2	-29	33 47	M
V0528 Pav	19	30	15.7	-72	14 17	M	V5906 Sgr	18	00	33.6	-28	11 57	M
V0529 Pav	19	30	25.3	-69	47 34	LB	V5907 Sgr	18	00	34.6	-27	23 59	M
V0530 Pav	19	32	52.8	-65	04 08	EA	V5908 Sgr	18	00	39.0	-27	30 42	M
V0531 Pav	19	34	29.1	-71	23 21	SR	V5909 Sgr	18	00	43.3	-28	14 25	M
V0532 Pav	19	39	53.0	-63	42 28	RRAB	V5910 Sgr	18	00	43.6	-27	53 31	M
V0533 Pav	19	41	12.9	-69	38 57	SRB	V5911 Sgr	18	00	44.9	-28	31 15	M
V0534 Pav	19	52	52.3	-59	02 44	EW	V5912 Sgr	18	00	45.4	-27	43 13	M
V0535 Pav	19	53	36.7	-63	08 22	RRAB	V5913 Sgr	18	00	48.1	-27	54 54	M
V0536 Pav	19	55	21.8	-71	32 47	LB	V5914 Sgr	18	00	49.7	-30	48 59	N
V0537 Pav	19	59	39.5	-74	17 34	RRAB	V5915 Sgr	18	00	52.4	-28	10 52	M
V0410 Sge	19	00	22.6	+18	49 29	SRB	V5916 Sgr	18	00	54.4	-27	43 10	M
V0411 Sge	19	07	24.0	+19	01 24	DSCT	V5917 Sgr	18	00	58.7	-27	43 53	M
V0412 Sge	19	07	33.5	+21	15 55	SR	V5918 Sgr	18	00	59.0	-28	36 38	M
V0413 Sge	19	13	13.7	+20	28 55	EW	V5919 Sgr	18	00	59.9	-28	06 02	M
V0414 Sge	19	16	09.6	+19	18 17	EW	V5920 Sgr	18	01	06.5	-27	41 24	M
V0415 Sge	19	17	50.4	+18	22 47	EW	V5921 Sgr	18	01	08.9	-28	19 11	M
V0416 Sge	19	19	10.6	+20	59 24	M	V5922 Sgr	18	01	09.0	-28	19 16	SR
V0417 Sge	19	26	19.1	+16	40 32	SRA	V5923 Sgr	18	01	10.0	-28	14 20	M
V0418 Sge	19	28	52.4	+16	41 17	DCEP	V5924 Sgr	18	01	14.1	-29	18 12	M
V0419 Sge	19	32	38.6	+18	40 26	SRB	V5925 Sgr	18	01	15.2	-27	29 34	M
V0420 Sge	19	50	03.1	+16	50 13	SRB	V5926 Sgr	18	01	22.2	-25	18 39	NA
V0421 Sge	19	51	24.3	+18	41 10	RVA:	V5927 Sgr	18	01	26.4	-26	56 21	NA
V0422 Sge	19	51	48.7	+19	22 52	EA	V5928 Sgr	18	01	35.8	-28	37 10	M
V0423 Sge	19	51	57.8	+19	20 34	SRB	V5929 Sgr	18	01	39.6	-27	32 01	M
V0424 Sge	19	54	22.0	+18	52 05	LB	V5930 Sgr	18	01	42.9	-28	21 11	M
V0425 Sge	19	54	28.1	+18	19 49	LB	V5931 Sgr	18	01	53.2	-29	09 58	M
V0426 Sge	19	54	43.0	+17	22 13	SR+ZAND	V5932 Sgr	18	01	54.6	-27	48 57	M
V0427 Sge	19	57	29.2	+19	17 29	SRB	V5933 Sgr	18	01	58.4	-26	03 26	N
V0428 Sge	19	58	05.2	+19	14 09	SRB	V5934 Sgr	18	02	03.3	-27	59 46	M
V0429 Sge	19	58	17.1	+18	33 38	LB	V5935 Sgr	18	02	05.4	-27	36 46	M
V0430 Sge	19	58	35.5	+19	10 06	SRB:	V5936 Sgr	18	02	05.7	-28	04 01	M
V0431 Sge	19	58	56.8	+18	06 16	EW	V5937 Sgr	18	02	08.8	-29	24 38	M
V0432 Sge	19	59	07.0	+18	44 18	EW	V5938 Sgr	18	02	20.4	-29	26 55	M
V0433 Sge	19	59	07.8	+18	07 26	SRB	V5939 Sgr	18	02	21.5	-27	38 13	M
V0434 Sge	19	59	32.2	+19	00 30	M	V5940 Sgr	18	02	30.1	-29	00 55	M
V5887 Sgr	18	00	00.4	-27	38 23	M	V5941 Sgr	18	02	34.0	-29	18 44	M
V5888 Sgr	18	00	00.7	-28	09 29	M	V5942 Sgr	18	02	42.8	-29	14 12	M
V5889 Sgr	18	00	01.3	-27	39 47	M	V5943 Sgr	18	02	49.1	-27	43 28	M
V5890 Sgr	18	00	05.5	-27	54 06	M	V5944 Sgr	18	02	53.1	-27	35 16	M
V5891 Sgr	18	00	05.8	-29	32 07	M	V5945 Sgr	18	02	55.2	-29	25 03	M
V5892 Sgr	18	00	08.5	-28	01 27	M	V5946 Sgr	18	02	57.2	-27	38 01	M
V5893 Sgr	18	00	09.3	-28	30 33	M	V5947 Sgr	18	03	00.4	-28	04 43	M
V5894 Sgr	18	00	10.4	-30	06 07	M	V5948 Sgr	18	03	02.0	-29	16 42	M

Table 1 (continued)

Name	R.A., Decl., 2000.0				Type	Name	R.A., Decl., 2000.0				Type
	h	m	s	o ' "			h	m	s	o ' "	
V5949 Sgr	18	03	05.8	-29 30 39	M	V6003 Sgr	18	06	24.4	-30 12 29	M
V5950 Sgr	18	03	05.8	-27 47 38	M	V6004 Sgr	18	06	26.0	-26 15 11	M
V5951 Sgr	18	03	08.4	-28 38 59	M	V6005 Sgr	18	06	26.6	-27 29 22	M
V5952 Sgr	18	03	10.8	-28 04 37	M	V6006 Sgr	18	06	26.9	-26 18 15	M
V5953 Sgr	18	03	11.4	-32 54 39	M	V6007 Sgr	18	06	28.0	-27 02 41	M
V5954 Sgr	18	03	14.5	-31 27 04	M	V6008 Sgr	18	06	29.5	-25 54 19	M
V5955 Sgr	18	03	17.2	-33 59 41	M	V6009 Sgr	18	06	30.0	-30 38 42	M
V5956 Sgr	18	03	20.4	-28 40 54	M	V6010 Sgr	18	06	30.4	-27 25 00	M
V5957 Sgr	18	03	21.2	-29 07 30	M	V6011 Sgr	18	06	30.9	-27 21 26	M
V5958 Sgr	18	03	28.5	-27 57 02	M	V6012 Sgr	18	06	31.5	-30 49 00	M
V5959 Sgr	18	03	31.3	-27 29 13	M	V6013 Sgr	18	06	32.0	-29 29 20	M
V5960 Sgr	18	03	32.0	-29 42 04	SR	V6014 Sgr	18	06	33.5	-29 56 13	M
V5961 Sgr	18	03	34.8	-27 52 30	M	V6015 Sgr	18	06	35.8	-26 16 33	M
V5962 Sgr	18	03	35.7	-27 34 36	M	V6016 Sgr	18	06	38.3	-28 56 38	M
V5963 Sgr	18	03	44.0	-29 09 38	M	V6017 Sgr	18	06	39.7	-29 52 41	M
V5964 Sgr	18	03	44.9	-27 35 24	M	V6018 Sgr	18	06	40.4	-29 54 04	M
V5965 Sgr	18	03	49.5	-27 48 48	M	V6019 Sgr	18	06	42.9	-28 46 45	M
V5966 Sgr	18	03	50.7	-29 20 30	M	V6020 Sgr	18	06	43.2	-28 43 16	M
V5967 Sgr	18	03	55.5	-28 08 36	M	V6021 Sgr	18	06	45.9	-26 02 33	M
V5968 Sgr	18	03	56.6	-27 53 28	M	V6022 Sgr	18	06	46.2	-29 09 15	M
V5969 Sgr	18	03	58.4	-32 23 17	M	V6023 Sgr	18	06	48.4	-25 54 55	M
V5970 Sgr	18	03	58.5	-30 10 54	EW	V6024 Sgr	18	06	50.1	-28 02 03	M
V5971 Sgr	18	04	20.1	-26 58 30	M	V6025 Sgr	18	06	54.2	-28 05 58	M
V5972 Sgr	18	04	26.1	-26 55 55	M	V6026 Sgr	18	06	57.5	-29 41 32	M
V5973 Sgr	18	04	27.8	-27 02 57	M	V6027 Sgr	18	06	57.7	-29 35 29	M
V5974 Sgr	18	04	41.4	-31 33 53	M	V6028 Sgr	18	06	59.2	-31 04 00	M
V5975 Sgr	18	04	42.5	-26 59 02	M	V6029 Sgr	18	07	00.9	-27 43 15	M
V5976 Sgr	18	04	46.1	-21 51 27	ZAND	V6030 Sgr	18	07	01.8	-28 37 27	M
V5977 Sgr	18	04	49.2	-27 52 17	SR	V6031 Sgr	18	07	02.5	-26 14 33	M
V5978 Sgr	18	04	57.9	-28 04 50	M	V6032 Sgr	18	07	03.2	-30 41 30	M
V5979 Sgr	18	05	13.3	-28 02 23	M	V6033 Sgr	18	07	04.9	-27 43 10	M
V5980 Sgr	18	05	25.4	-31 54 05	NA	V6034 Sgr	18	07	05.1	-30 56 51	M
V5981 Sgr	18	05	38.1	-27 38 58	M	V6035 Sgr	18	07	05.2	-31 38 00	M
V5982 Sgr	18	05	39.6	-34 06 31	M	V6036 Sgr	18	07	05.3	-29 27 46	M
V5983 Sgr	18	05	49.1	-28 05 56	M	V6037 Sgr	18	07	07.4	-29 11 26	M
V5984 Sgr	18	05	49.2	-29 23 13	M	V6038 Sgr	18	07	07.7	-26 18 03	M
V5985 Sgr	18	05	51.3	-27 20 50	SR	V6039 Sgr	18	07	09.3	-31 03 04	M
V5986 Sgr	18	05	54.7	-28 46 16	M	V6040 Sgr	18	07	10.5	-29 33 28	M
V5987 Sgr	18	05	55.1	-27 23 37	M	V6041 Sgr	18	07	11.2	-30 39 44	M
V5988 Sgr	18	05	58.6	-29 27 24	M	V6042 Sgr	18	07	11.3	-31 20 51	M
V5989 Sgr	18	06	01.4	-28 58 11	M	V6043 Sgr	18	07	11.8	-30 04 18	M
V5990 Sgr	18	06	01.6	-28 12 07	M	V6044 Sgr	18	07	14.5	-27 59 17	M
V5991 Sgr	18	06	03.2	-21 19 47	N:	V6045 Sgr	18	07	17.5	-25 45 49	M
V5992 Sgr	18	06	03.5	-28 11 37	M	V6046 Sgr	18	07	20.6	-26 19 37	M
V5993 Sgr	18	06	03.8	-27 42 15	M	V6047 Sgr	18	07	21.4	-25 54 03	M
V5994 Sgr	18	06	08.1	-29 27 07	M	V6048 Sgr	18	07	23.9	-29 03 09	M
V5995 Sgr	18	06	08.6	-29 46 07	SR	V6049 Sgr	18	07	23.9	-31 24 48	M
V5996 Sgr	18	06	08.9	-28 02 21	M	V6050 Sgr	18	07	24.9	-25 47 47	M
V5997 Sgr	18	06	11.0	-28 41 48	M	V6051 Sgr	18	07	25.6	-28 41 56	M
V5998 Sgr	18	06	15.1	-27 34 42	M	V6052 Sgr	18	07	25.8	-25 48 33	M
V5999 Sgr	18	06	15.2	-27 24 54	M	V6053 Sgr	18	07	26.4	-29 13 29	M
V6000 Sgr	18	06	15.4	-29 58 19	M	V6054 Sgr	18	07	31.7	-28 00 27	M
V6001 Sgr	18	06	17.2	-28 35 06	M	V6055 Sgr	18	07	31.9	-28 18 11	M
V6002 Sgr	18	06	23.5	-29 01 53	M	V6056 Sgr	18	07	32.2	-31 07 24	M

Table 1 (continued)

Name	R.A., Decl., 2000.0					Type	Name	R.A., Decl., 2000.0					Type
	h	m	s	o	' "			h	m	s	o	' "	
V6057 Sgr	18	07	34.3	-30	49 19	M	V6111 Sgr	18	08	41.0	-29	24 25	M
V6058 Sgr	18	07	34.7	-28	12 39	M	V6112 Sgr	18	08	41.1	-31	19 42	M
V6059 Sgr	18	07	35.8	-29	43 43	M	V6113 Sgr	18	08	43.5	-27	26 42	M
V6060 Sgr	18	07	36.0	-30	01 36	M	V6114 Sgr	18	08	45.4	-30	16 12	M
V6061 Sgr	18	07	39.0	-32	14 38	M	V6115 Sgr	18	08	46.1	-29	28 49	M
V6062 Sgr	18	07	39.9	-26	19 29	M	V6116 Sgr	18	08	47.7	-25	19 38	M
V6063 Sgr	18	07	40.6	-29	26 32	SR	V6117 Sgr	18	08	49.3	-32	05 11	M
V6064 Sgr	18	07	41.1	-28	37 36	M	V6118 Sgr	18	08	55.1	-26	18 36	M
V6065 Sgr	18	07	41.1	-26	05 11	M	V6119 Sgr	18	08	57.2	-30	38 48	M
V6066 Sgr	18	07	42.5	-30	11 23	M	V6120 Sgr	18	08	58.4	-29	40 43	M
V6067 Sgr	18	07	49.2	-25	52 37	M	V6121 Sgr	18	08	59.2	-29	06 30	M
V6068 Sgr	18	07	49.6	-31	26 39	M	V6122 Sgr	18	09	03.2	-29	56 54	M
V6069 Sgr	18	07	53.5	-28	54 29	M	V6123 Sgr	18	09	04.5	-26	11 30	M
V6070 Sgr	18	07	55.6	-26	04 09	M	V6124 Sgr	18	09	07.9	-25	03 19	M
V6071 Sgr	18	07	55.7	-31	27 05	M	V6125 Sgr	18	09	08.5	-25	27 11	M
V6072 Sgr	18	07	55.9	-26	01 32	M	V6126 Sgr	18	09	08.8	-29	30 01	M
V6073 Sgr	18	07	56.0	-25	11 13	SR	V6127 Sgr	18	09	09.3	-30	28 45	M
V6074 Sgr	18	07	56.2	-27	47 33	M	V6128 Sgr	18	09	11.8	-25	10 51	M
V6075 Sgr	18	07	56.2	-24	55 35	M	V6129 Sgr	18	09	11.9	-27	56 16	M
V6076 Sgr	18	07	56.4	-25	11 13	M	V6130 Sgr	18	09	12.1	-30	36 02	M
V6077 Sgr	18	07	58.3	-26	09 25	M	V6131 Sgr	18	09	12.1	-31	20 47	M
V6078 Sgr	18	08	00.6	-28	15 01	M	V6132 Sgr	18	09	13.7	-24	57 47	M
V6079 Sgr	18	08	03.0	-25	46 25	M	V6133 Sgr	18	09	16.2	-34	05 52	SRB
V6080 Sgr	18	08	08.2	-26	20 00	M	V6134 Sgr	18	09	16.6	-17	22 49	LB
V6081 Sgr	18	08	08.6	-28	14 13	M	V6135 Sgr	18	09	16.7	-28	57 26	M
V6082 Sgr	18	08	09.8	-28	36 25	M	V6136 Sgr	18	09	17.6	-24	53 01	M
V6083 Sgr	18	08	12.2	-30	32 11	M	V6137 Sgr	18	09	27.1	-31	13 15	M
V6084 Sgr	18	08	12.5	-28	42 29	M	V6138 Sgr	18	09	27.1	-27	55 22	M
V6085 Sgr	18	08	12.6	-28	57 02	M	V6139 Sgr	18	09	27.5	-25	03 48	M
V6086 Sgr	18	08	12.9	-28	13 41	M	V6140 Sgr	18	09	28.7	-30	21 00	M
V6087 Sgr	18	08	13.2	-31	59 27	M	V6141 Sgr	18	09	28.7	-34	07 41	M
V6088 Sgr	18	08	15.8	-25	30 55	M	V6142 Sgr	18	09	31.7	-28	31 26	M
V6089 Sgr	18	08	18.5	-29	58 18	M	V6143 Sgr	18	09	32.7	-27	56 39	M
V6090 Sgr	18	08	19.8	-28	14 59	M	V6144 Sgr	18	09	34.6	-28	37 33	M
V6091 Sgr	18	08	21.4	-28	53 09	M	V6145 Sgr	18	09	35.0	-28	42 24	M
V6092 Sgr	18	08	22.3	-26	16 41	M	V6146 Sgr	18	09	35.9	-25	25 58	M
V6093 Sgr	18	08	22.9	-33	20 28	M	V6147 Sgr	18	09	36.5	-29	41 59	M
V6094 Sgr	18	08	23.2	-31	20 01	M	V6148 Sgr	18	09	38.3	-24	50 15	M
V6095 Sgr	18	08	25.7	-34	17 20	M	V6149 Sgr	18	09	39.0	-25	23 51	M
V6096 Sgr	18	08	28.9	-25	30 54	M	V6150 Sgr	18	09	39.0	-25	01 03	M
V6097 Sgr	18	08	29.4	-25	08 11	M	V6151 Sgr	18	09	39.8	-25	22 59	M
V6098 Sgr	18	08	30.0	-25	19 40	M	V6152 Sgr	18	09	40.8	-25	19 56	M
V6099 Sgr	18	08	30.5	-28	15 01	M	V6153 Sgr	18	09	43.1	-31	55 47	M
V6100 Sgr	18	08	33.0	-28	29 37	M	V6154 Sgr	18	09	54.5	-25	45 38	M
V6101 Sgr	18	08	33.7	-28	52 27	M	V6155 Sgr	18	09	55.3	-32	10 23	M
V6102 Sgr	18	08	34.3	-36	40 58	SR	V6156 Sgr	18	10	01.8	-25	02 56	M
V6103 Sgr	18	08	35.4	-28	51 50	M	V6157 Sgr	18	10	02.9	-25	03 35	M
V6104 Sgr	18	08	35.7	-16	27 18	EA	V6158 Sgr	18	10	04.0	-28	46 36	M
V6105 Sgr	18	08	36.4	-24	49 07	M	V6159 Sgr	18	10	07.7	-24	55 26	M
V6106 Sgr	18	08	38.7	-29	47 44	M	V6160 Sgr	18	10	11.3	-25	30 28	M
V6107 Sgr	18	08	38.9	-30	54 23	M	V6161 Sgr	18	10	12.2	-28	44 37	M
V6108 Sgr	18	08	40.0	-28	18 33	M	V6162 Sgr	18	10	13.4	-29	32 59	M
V6109 Sgr	18	08	40.1	-31	16 10	M	V6163 Sgr	18	10	20.8	-25	22 46	M
V6110 Sgr	18	08	40.2	-29	17 04	M	V6164 Sgr	18	10	22.3	-28	30 10	M

Table 1 (continued)

Name	R.A., Decl., 2000.0					Type	Name	R.A., Decl., 2000.0					Type		
	h	m	s	o	' "			h	m	s	o	' "			
V6165 Sgr	18	10	23.7	-27	31	29	M	V6219 Sgr	18	12	47.5	-27	22	17	M
V6166 Sgr	18	10	28.0	-25	21	38	M	V6220 Sgr	18	12	50.3	-31	53	18	LB
V6167 Sgr	18	10	29.8	-28	29	14	M	V6221 Sgr	18	12	54.9	-27	30	55	M
V6168 Sgr	18	10	31.5	-29	56	57	M	V6222 Sgr	18	12	56.7	-26	30	57	M
V6169 Sgr	18	10	32.2	-30	48	02	M	V6223 Sgr	18	12	57.4	-25	51	46	M
V6170 Sgr	18	10	33.7	-30	23	46	M	V6224 Sgr	18	12	58.8	-27	14	24	M
V6171 Sgr	18	10	37.9	-30	05	17	M	V6225 Sgr	18	12	58.9	-27	38	20	M
V6172 Sgr	18	10	40.3	-26	00	22	M	V6226 Sgr	18	12	58.9	-26	15	17	M
V6173 Sgr *	18	10	42.0	-26	21	56	SRB	V6227 Sgr	18	12	58.9	-26	21	51	M
V6174 Sgr	18	10	42.4	-30	46	55	M	V6228 Sgr	18	12	59.2	-28	38	47	M
V6175 Sgr	18	10	49.3	-27	41	20	M	V6229 Sgr	18	12	59.3	-26	14	50	M
V6176 Sgr	18	10	49.3	-27	38	55	M	V6230 Sgr	18	12	59.4	-29	50	57	M
V6177 Sgr	18	10	53.5	-25	21	43	M	V6231 Sgr	18	13	03.0	-29	00	30	M
V6178 Sgr	18	10	58.5	-25	11	07	M	V6232 Sgr	18	13	03.5	-26	11	01	M
V6179 Sgr	18	11	00.5	-29	58	17	M	V6233 Sgr	18	13	04.4	-26	24	01	M
V6180 Sgr	18	11	01.5	-30	14	58	M	V6234 Sgr	18	13	14.5	-27	45	14	M
V6181 Sgr	18	11	02.8	-29	51	29	M	V6235 Sgr	18	13	28.1	-28	33	43	M
V6182 Sgr	18	11	14.2	-28	07	41	M	V6236 Sgr	18	13	35.8	-26	07	41	M
V6183 Sgr	18	11	16.2	-35	16	25	EA	V6237 Sgr	18	13	36.6	-26	24	58	M
V6184 Sgr	18	11	21.5	-34	07	51	M	V6238 Sgr	18	13	42.6	-26	09	34	M
V6185 Sgr	18	11	27.2	-29	41	30	M	V6239 Sgr	18	13	44.7	-25	56	39	M
V6186 Sgr	18	11	28.5	-30	57	24	M	V6240 Sgr	18	13	45.2	-26	40	21	M
V6187 Sgr	18	11	33.7	-26	01	33	M	V6241 Sgr	18	13	54.0	-35	46	05	EB
V6188 Sgr	18	11	35.8	-28	03	21	M	V6242 Sgr	18	13	54.6	-26	49	51	M
V6189 Sgr	18	11	36.4	-26	58	31	M	V6243 Sgr	18	13	59.5	-25	59	51	M
V6190 Sgr	18	11	37.5	-29	52	52	M	V6244 Sgr	18	14	04.0	-26	14	08	M
V6191 Sgr	18	11	40.8	-28	46	54	RV	V6245 Sgr	18	14	04.3	-25	10	43	M
V6192 Sgr	18	11	41.3	-26	58	16	M	V6246 Sgr	18	14	05.9	-26	15	08	M
V6193 Sgr	18	11	43.5	-30	11	02	M	V6247 Sgr	18	14	09.2	-24	43	47	M
V6194 Sgr	18	11	45.4	-30	51	19	M	V6248 Sgr	18	14	10.8	-25	10	45	M
V6195 Sgr	18	11	46.3	-26	20	33	M	V6249 Sgr	18	14	24.2	-25	13	56	M
V6196 Sgr	18	11	53.6	-29	41	04	M	V6250 Sgr	18	14	24.6	-27	07	11	M
V6197 Sgr	18	11	54.7	-27	32	16	M	V6251 Sgr	18	14	24.7	-27	03	56	M
V6198 Sgr	18	11	56.3	-26	09	56	M	V6252 Sgr	18	14	26.4	-21	55	32	M
V6199 Sgr	18	12	03.0	-26	56	50	M	V6253 Sgr	18	14	30.7	-21	38	28	M
V6200 Sgr	18	12	04.2	-26	48	03	M	V6254 Sgr	18	14	31.6	-26	00	19	M
V6201 Sgr	18	12	05.8	-30	49	34	M	V6255 Sgr	18	14	32.2	-21	42	39	M
V6202 Sgr	18	12	06.8	-29	56	46	M	V6256 Sgr	18	14	34.6	-21	50	06	M
V6203 Sgr	18	12	07.3	-32	42	09	M	V6257 Sgr	18	14	36.0	-23	58	02	SR
V6204 Sgr	18	12	12.4	-26	30	30	M	V6258 Sgr	18	14	40.9	-21	49	29	M
V6205 Sgr	18	12	18.9	-26	41	57	M	V6259 Sgr	18	14	43.2	-26	04	36	M
V6206 Sgr	18	12	22.8	-25	46	11	M	V6260 Sgr	18	14	45.9	-21	27	48	M
V6207 Sgr	18	12	23.3	-27	17	41	M	V6261 Sgr	18	14	46.0	-26	40	37	M
V6208 Sgr	18	12	24.2	-29	13	24	M	V6262 Sgr	18	14	48.5	-21	47	15	M
V6209 Sgr	18	12	27.8	-26	48	59	M	V6263 Sgr	18	14	48.8	-22	27	40	M
V6210 Sgr	18	12	28.6	-25	56	08	M	V6264 Sgr	18	14	51.3	-22	10	01	M
V6211 Sgr	18	12	29.3	-29	10	36	M	V6265 Sgr	18	14	56.2	-22	38	20	M
V6212 Sgr	18	12	33.4	-27	44	34	M	V6266 Sgr	18	15	03.8	-26	45	08	M
V6213 Sgr	18	12	36.3	-26	24	36	M	V6267 Sgr	18	15	04.9	-22	43	10	M
V6214 Sgr	18	12	37.1	-27	19	38	M	V6268 Sgr	18	15	06.0	-27	32	30	M
V6215 Sgr	18	12	41.0	-26	02	00	M	V6269 Sgr	18	15	07.2	-22	15	47	M
V6216 Sgr	18	12	43.4	-29	43	29	M	V6270 Sgr	18	15	10.9	-24	55	39	M
V6217 Sgr	18	12	44.0	-27	01	51	M	V6271 Sgr	18	15	11.6	-22	42	28	M
V6218 Sgr	18	12	45.3	-25	49	25	M	V6272 Sgr	18	15	14.2	-24	45	00	M

Table 1 (continued)

Name	R.A., Decl., 2000.0						Type	Name	R.A., Decl., 2000.0						Type
	h	m	s	o	'	"			h	m	s	o	'	"	
V6273 Sgr	18	15	14.3	-26	15	24	M	V6327 Sgr	18	17	26.6	-25	30	29	M
V6274 Sgr	18	15	15.0	-22	26	29	M	V6328 Sgr	18	17	29.4	-25	32	36	M
V6275 Sgr	18	15	15.3	-22	04	11	M	V6329 Sgr	18	17	33.2	-26	32	01	M
V6276 Sgr	18	15	16.2	-22	44	42	M	V6330 Sgr	18	17	33.8	-25	43	02	M
V6277 Sgr	18	15	17.9	-16	56	01	EA	V6331 Sgr	18	17	34.3	-26	27	36	SRB
V6278 Sgr	18	15	17.9	-21	37	32	M	V6332 Sgr	18	17	39.1	-26	40	24	M
V6279 Sgr	18	15	20.1	-22	40	21	M	V6333 Sgr	18	17	44.1	-27	02	45	M
V6280 Sgr	18	15	25.7	-36	08	35	SRB	V6334 Sgr	18	17	44.2	-24	40	11	M
V6281 Sgr	18	15	25.8	-25	40	39	M	V6335 Sgr	18	17	46.7	-32	15	39	M:
V6282 Sgr	18	15	26.7	-26	41	31	M	V6336 Sgr	18	17	46.9	-32	28	38	M
V6283 Sgr	18	15	26.8	-25	30	24	M	V6337 Sgr	18	17	55.4	-25	08	38	M
V6284 Sgr	18	15	31.1	-22	19	02	M	V6338 Sgr	18	18	01.3	-26	32	45	M
V6285 Sgr	18	15	32.2	-27	20	46	M	V6339 Sgr	18	18	13.3	-26	36	52	M
V6286 Sgr	18	15	32.5	-22	40	26	M	V6340 Sgr	18	18	14.5	-26	06	43	M
V6287 Sgr	18	15	32.7	-26	52	18	M	V6341 Sgr	18	18	20.9	-26	16	27	M
V6288 Sgr	18	15	35.4	-26	39	56	M	V6342 Sgr	18	18	23.6	-27	23	50	M
V6289 Sgr	18	15	39.2	-27	11	08	M	V6343 Sgr	18	18	26.0	-25	51	15	M
V6290 Sgr	18	15	39.3	-22	33	12	M	V6344 Sgr	18	18	28.1	-26	10	04	M
V6291 Sgr	18	15	40.2	-25	52	11	M	V6345 Sgr	18	18	34.0	-28	49	20	N
V6292 Sgr	18	15	42.1	-27	01	27	M	V6346 Sgr	18	18	34.2	-25	09	20	M
V6293 Sgr	18	15	54.2	-25	51	51	M	V6347 Sgr	18	18	41.0	-26	27	45	M
V6294 Sgr	18	15	54.6	-22	23	52	M	V6348 Sgr	18	18	42.1	-25	04	01	M
V6295 Sgr	18	15	59.0	-35	02	55	EB	V6349 Sgr	18	18	45.5	-24	56	02	M
V6296 Sgr	18	15	59.6	-25	23	15	M	V6350 Sgr	18	18	51.9	-30	53	54	M
V6297 Sgr	18	16	01.3	-24	55	35	M	V6351 Sgr	18	18	52.1	-25	42	32	M
V6298 Sgr	18	16	02.3	-21	21	46	SRB	V6352 Sgr	18	18	53.7	-26	06	11	M
V6299 Sgr	18	16	09.4	-25	00	18	M	V6353 Sgr	18	18	55.6	-24	55	03	M
V6300 Sgr	18	16	12.2	-22	16	10	M	V6354 Sgr	18	18	59.8	-24	53	48	M
V6301 Sgr	18	16	13.3	-24	54	22	M	V6355 Sgr	18	19	00.0	-32	00	00	M
V6302 Sgr	18	16	13.4	-24	54	17	M	V6356 Sgr	18	19	02.1	-24	43	36	M
V6303 Sgr	18	16	19.0	-24	41	37	M	V6357 Sgr	18	19	02.4	-25	03	39	M
V6304 Sgr	18	16	19.7	-25	14	35	M	V6358 Sgr	18	19	05.3	-25	59	16	M
V6305 Sgr	18	16	20.0	-26	54	30	M	V6359 Sgr	18	19	07.4	-24	37	18	M:
V6306 Sgr	18	16	24.9	-25	05	12	M	V6360 Sgr	18	19	08.0	-25	01	37	M
V6307 Sgr	18	16	27.1	-25	43	40	M	V6361 Sgr	18	19	17.9	-25	42	11	SRB
V6308 Sgr	18	16	30.1	-30	28	43	M	V6362 Sgr	18	19	18.5	-25	40	38	M
V6309 Sgr	18	16	31.6	-26	30	55	M	V6363 Sgr	18	19	24.2	-24	42	25	M
V6310 Sgr	18	16	37.7	-27	01	34	SRB:	V6364 Sgr	18	19	25.9	-26	23	50	M
V6311 Sgr	18	16	38.7	-25	45	53	M	V6365 Sgr	18	19	28.9	-26	14	38	M
V6312 Sgr	18	16	41.0	-22	06	57	M	V6366 Sgr	18	19	34.1	-24	53	39	LB
V6313 Sgr	18	16	43.4	-25	33	49	M	V6367 Sgr	18	19	35.7	-26	16	40	M
V6314 Sgr	18	16	48.6	-25	57	20	M	V6368 Sgr	18	19	37.6	-25	08	46	M
V6315 Sgr	18	16	51.4	-25	51	17	M	V6369 Sgr	18	19	39.8	-23	47	38	LB
V6316 Sgr	18	16	54.2	-22	29	01	M	V6370 Sgr	18	19	47.9	-25	17	32	M
V6317 Sgr	18	16	54.5	-25	17	47	M	V6371 Sgr	18	19	54.4	-25	47	13	M
V6318 Sgr *	18	16	59.9	-28	22	56	M	V6372 Sgr	18	20	03.1	-26	04	31	M
V6319 Sgr *	18	17	00.6	-28	23	02	M	V6373 Sgr	18	20	05.1	-25	34	08	M
V6320 Sgr	18	17	04.5	-32	29	05	M	V6374 Sgr	18	20	05.4	-26	24	14	M
V6321 Sgr	18	17	04.6	-24	44	14	M	V6375 Sgr	18	20	13.3	-28	21	59	M
V6322 Sgr	18	17	13.2	-24	56	42	M	V6376 Sgr	18	20	20.0	-29	00	09	M
V6323 Sgr	18	17	14.4	-25	29	32	M	V6377 Sgr	18	20	24.0	-23	56	43	M
V6324 Sgr	18	17	20.3	-22	44	37	M	V6378 Sgr	18	20	24.6	-26	27	29	M
V6325 Sgr	18	17	20.7	-24	56	02	M	V6379 Sgr	18	20	33.1	-28	02	54	SRA
V6326 Sgr	18	17	22.0	-22	34	21	M	V6380 Sgr	18	20	39.2	-31	06	03	M

Table 1 (continued)

Name	R.A., Decl., 2000.0						Type	Name	R.A., Decl., 2000.0						Type
	h	m	s	o	'	"			h	m	s	o	'	"	
V6381 Sgr	18	20	55.5	-25	07	17	M	V6435 Sgr	18	29	21.9	-20	40	36	EW
V6382 Sgr	18	20	56.3	-34	54	27	LB	V6436 Sgr	18	29	22.8	-29	32	43	M
V6383 Sgr	18	21	05.7	-25	31	39	M	V6437 Sgr	18	29	24.8	-24	45	51	LB
V6384 Sgr	18	21	09.1	-25	21	24	M	V6438 Sgr	18	29	42.8	-26	33	13	M
V6385 Sgr	18	21	25.0	-28	14	47	M	V6439 Sgr	18	30	26.5	-29	48	53	M
V6386 Sgr	18	21	28.1	-23	53	34	SR:	V6440 Sgr	18	30	41.3	-26	50	26	M
V6387 Sgr	18	21	29.4	-22	19	56	SRB	V6441 Sgr	18	31	41.8	-26	46	38	M
V6388 Sgr	18	21	38.3	-25	44	45	M	V6442 Sgr	18	32	05.2	-17	02	02	M
V6389 Sgr	18	21	40.6	-25	32	52	M	V6443 Sgr	18	32	38.2	-22	06	34	LB
V6390 Sgr	18	21	45.1	-28	09	39	M	V6444 Sgr	18	33	04.0	-24	56	09	SR
V6391 Sgr	18	21	52.0	-25	35	12	M	V6445 Sgr	18	33	04.4	-26	22	21	LB
V6392 Sgr	18	21	59.4	-28	23	25	M	V6446 Sgr	18	33	14.0	-29	54	59	M
V6393 Sgr	18	21	59.9	-23	54	26	EW	V6447 Sgr	18	33	29.3	-30	34	12	SRB
V6394 Sgr	18	22	02.1	-23	33	37	SR	V6448 Sgr	18	33	32.0	-22	47	36	SR
V6395 Sgr	18	22	03.8	-30	32	47	M	V6449 Sgr	18	33	35.5	-32	51	02	SRB
V6396 Sgr	18	22	13.0	-35	14	15	SRB	V6450 Sgr	18	33	45.5	-25	04	06	LB
V6397 Sgr	18	22	36.0	-24	30	49	M	V6451 Sgr	18	34	08.1	-26	44	59	M
V6398 Sgr	18	22	53.1	-23	36	56	LB	V6452 Sgr	18	34	16.2	-17	36	14	BE
V6399 Sgr	18	22	54.6	-34	17	15	SRB	V6453 Sgr	18	34	56.4	-23	39	43	SRB
V6400 Sgr	18	23	06.9	-23	49	00	SRB	V6454 Sgr	18	35	22.2	-20	54	21	SRB
V6401 Sgr	18	23	09.5	-24	21	56	SR	V6455 Sgr	18	35	48.3	-29	49	52	SR
V6402 Sgr	18	23	12.3	-24	38	26	LB	V6456 Sgr	18	35	57.0	-29	14	32	M
V6403 Sgr	18	23	27.7	-28	26	14	M	V6457 Sgr	18	36	20.6	-21	31	32	SRB
V6404 Sgr	18	23	29.3	-29	54	40	M	V6458 Sgr	18	36	48.4	-22	09	05	SRB
V6405 Sgr	18	24	17.8	-21	40	03	LB	V6459 Sgr	18	37	06.5	-26	52	25	SRB
V6406 Sgr	18	24	34.5	-26	36	10	M	V6460 Sgr	18	37	20.2	-25	19	24	EB
V6407 Sgr	18	24	44.0	-26	44	36	M	V6461 Sgr	18	37	40.1	-27	59	08	BE
V6408 Sgr	18	24	50.1	-26	54	38	M	V6462 Sgr	18	37	41.5	-27	49	09	SRB
V6409 Sgr	18	25	17.0	-26	27	50	M	V6463 Sgr	18	37	59.0	-17	00	58	M
V6410 Sgr	18	25	46.8	-36	44	12	EA	V6464 Sgr	18	38	55.7	-19	51	06	SRB
V6411 Sgr	18	25	53.0	-26	42	41	M	V6465 Sgr	18	39	24.0	-28	40	10	SRD
V6412 Sgr	18	25	53.7	-26	32	52	M	V6466 Sgr	18	40	21.1	-30	42	17	M:
V6413 Sgr	18	26	08.4	-22	06	31	SRB	V6467 Sgr	18	40	48.8	-25	13	53	SR
V6414 Sgr	18	26	27.3	-33	03	38	RVA	V6468 Sgr	18	40	49.0	-28	37	40	M
V6415 Sgr	18	26	29.9	-24	49	18	CWB	V6469 Sgr	18	41	52.1	-23	13	24	ACV:
V6416 Sgr	18	26	35.5	-26	46	58	M	V6470 Sgr	18	42	13.4	-29	47	49	M
V6417 Sgr	18	26	46.6	-27	55	01	SRB	V6471 Sgr	18	42	37.2	-18	26	31	M
V6418 Sgr	18	26	48.1	-24	14	12	EW	V6472 Sgr	18	42	54.2	-33	18	17	EW
V6419 Sgr	18	26	56.3	-21	43	00	SRB	V6473 Sgr	18	42	55.3	-26	02	17	SRB
V6420 Sgr	18	27	05.3	-29	03	15	SR	V6474 Sgr	18	44	01.8	-21	42	10	SR
V6421 Sgr	18	27	11.5	-24	56	16	LB	V6475 Sgr	18	45	08.4	-25	16	22	M
V6422 Sgr	18	27	19.9	-22	02	53	LB	V6476 Sgr	18	45	17.3	-33	32	15	M
V6423 Sgr	18	27	22.2	-26	49	24	M	V6477 Sgr	18	45	42.9	-18	28	09	M
V6424 Sgr	18	27	38.7	-27	15	03	SRB	V6478 Sgr	18	48	17.3	-18	50	18	SRB
V6425 Sgr	18	27	46.2	-23	50	03	SRB	V6479 Sgr	18	49	31.3	-31	10	06	SRD
V6426 Sgr	18	28	03.8	-27	34	37	M	V6480 Sgr	18	50	02.1	-34	45	59	RRC
V6427 Sgr	18	28	05.2	-26	24	31	SRB	V6481 Sgr	18	50	28.6	-16	36	56	M
V6428 Sgr	18	28	13.1	-25	11	54	SRA	V6482 Sgr	18	50	32.9	-35	12	10	M
V6429 Sgr	18	28	29.9	-24	24	20	SRB	V6483 Sgr	18	55	26.6	-26	41	43	M
V6430 Sgr	18	28	47.3	-22	26	20	SRB	V6484 Sgr	18	55	57.4	-18	02	22	M
V6431 Sgr	18	28	57.2	-27	35	41	M	V6485 Sgr	18	56	13.4	-17	42	50	SRB
V6432 Sgr	18	29	07.2	-26	20	56	M	V6486 Sgr	18	56	24.8	-23	03	52	LB
V6433 Sgr	18	29	10.7	-26	26	12	M	V6487 Sgr	18	57	00.9	-21	28	21	M
V6434 Sgr	18	29	11.1	-20	48	41	SR	V6488 Sgr	18	59	32.5	-14	29	37	SR

Table 1 (continued)

Name	R.A., Decl., 2000.0					Type	Name	R.A., Decl., 2000.0					Type
	h	m	s	o	' "			h	m	s	o	' "	
V6489 Sgr	19	00	49.5	-25	53 43	LB	V6543 Sgr	19	47	26.6	-24	39 41	EW
V6490 Sgr	19	01	11.9	-27	38 51	M	V6544 Sgr	19	47	33.9	-35	47 45	DSCT
V6491 Sgr	19	02	23.6	-25	32 35	SR	V6545 Sgr	19	48	01.8	-26	15 50	SR
V6492 Sgr	19	02	29.2	-31	08 58	SRB	V6546 Sgr	19	48	07.9	-38	48 57	SRB
V6493 Sgr	19	04	01.9	-19	23 47	LB	V6547 Sgr	19	49	49.5	-42	26 47	SRB
V6494 Sgr	19	06	13.2	-15	49 49	M	V6548 Sgr	19	49	55.6	-37	11 37	RRAB
V6495 Sgr	19	06	37.7	-31	23 17	SRB	V6549 Sgr	19	51	01.6	-43	49 27	RRC
V6496 Sgr	19	10	45.0	-36	33 28	RRAB	V6550 Sgr	19	52	26.4	-23	06 37	EW
V6497 Sgr	19	14	22.0	-14	45 08	SRB	V6551 Sgr	19	52	52.5	-38	10 03	SRB
V6498 Sgr	19	14	30.8	-34	02 53	SRD	V6552 Sgr	19	53	10.0	-43	27 58	SRB
V6499 Sgr	19	14	36.6	-16	05 45	SRB	V6553 Sgr	19	53	14.4	-39	11 29	SRB
V6500 Sgr	19	15	01.5	-15	58 36	EA	V6554 Sgr	19	53	19.0	-19	04 44	RR(B)
V6501 Sgr	19	16	13.8	-27	39 56	SRB	V6555 Sgr	19	53	20.0	+18	59 34	M
V6502 Sgr	19	16	16.6	-27	18 12	SRB	V6556 Sgr	19	54	04.2	-18	41 00	SR
V6503 Sgr	19	16	27.7	-25	16 33	M	V6557 Sgr	19	54	28.4	-39	59 36	SRB
V6504 Sgr	19	17	07.5	-31	00 19	SR	V6558 Sgr	19	55	15.3	-39	41 17	EW
V6505 Sgr	19	18	49.3	-13	06 41	M	V6559 Sgr	19	55	17.1	-38	22 23	SRD:
V6506 Sgr	19	20	16.3	-28	17 42	M	V6560 Sgr	19	56	21.9	-40	08 47	RRC
V6507 Sgr	19	20	25.0	-27	13 07	SRB	V6561 Sgr	19	56	48.7	-40	33 02	LB
V6508 Sgr	19	20	58.9	-31	27 28	RRAB	V6562 Sgr	19	57	38.4	-39	10 12	RRAB:
V6509 Sgr	19	21	07.6	-42	05 39	RRC	V6563 Sgr	19	58	10.3	-41	56 17	RVA
V6510 Sgr	19	22	18.8	-30	33 14	EW	V6564 Sgr	19	58	27.2	-15	06 19	M
V6511 Sgr	19	24	07.6	-19	57 36	SRB	V6565 Sgr	19	58	42.5	-34	22 04	M
V6512 Sgr	19	25	47.6	-21	31 22	SRB	V1706 Sco	17	07	34.2	-36	08 23	N
V6513 Sgr	19	26	40.2	-19	14 54	SRB	V1707 Sco	17	37	09.5	-35	10 23	NA
V6514 Sgr	19	27	53.6	-21	35 53	M	V0614 Sct	18	27	42.2	-08	40 38	SRB
V6515 Sgr	19	29	25.6	-39	23 44	RRAB	V0615 Sct	18	28	04.8	-13	03 39	LB
V6516 Sgr	19	29	30.9	-42	58 35	EB	V0616 Sct	18	29	47.6	-14	49 59	M
V6517 Sgr	19	30	15.5	-23	20 48	M	V0617 Sct	18	30	00.0	-14	42 01	M
V6518 Sgr	19	31	05.2	-30	51 20	RRAB	V0618 Sct	18	30	38.8	-14	13 37	M
V6519 Sgr	19	31	14.0	-35	18 52	SRA	V0619 Sct	18	30	45.2	-15	01 58	M
V6520 Sgr	19	31	43.4	-30	53 47	RRAB	V0620 Sct	18	31	04.6	-14	02 32	M
V6521 Sgr	19	33	47.7	-36	38 47	RRAB	V0621 Sct	18	31	05.7	-14	23 33	M
V6522 Sgr	19	34	10.9	-24	04 32	SRB	V0622 Sct	18	31	08.3	-14	33 57	M
V6523 Sgr	19	34	16.8	-31	08 55	EW	V0623 Sct	18	31	11.1	-13	48 31	M
V6524 Sgr	19	34	55.4	-31	58 11	SRB	V0624 Sct	18	31	14.9	-14	07 56	M
V6525 Sgr	19	34	56.2	-30	49 12	RRAB	V0625 Sct	18	31	25.9	-14	16 31	M
V6526 Sgr	19	34	59.3	-34	09 53	SRB	V0626 Sct	18	31	25.9	-14	28 15	M
V6527 Sgr	19	35	37.1	-40	14 09	EW	V0627 Sct	18	31	31.5	-14	19 59	M
V6528 Sgr	19	36	37.6	-14	36 20	LB	V0628 Sct	18	31	34.4	-13	45 22	M
V6529 Sgr	19	37	02.6	-25	51 25	SRB	V0629 Sct	18	31	50.0	-15	15 22	M
V6530 Sgr	19	39	12.4	-16	41 10	M	V0630 Sct	18	31	54.7	-14	23 58	M
V6531 Sgr	19	39	15.7	-44	30 00	SR	V0631 Sct	18	31	56.0	-14	06 17	M
V6532 Sgr	19	39	28.6	-42	51 35	EW	V0632 Sct	18	31	56.4	-13	39 59	M
V6533 Sgr	19	39	42.0	-43	12 24	EW	V0633 Sct	18	31	58.4	-15	01 27	M
V6534 Sgr	19	40	35.9	-42	13 17	EW	V0634 Sct	18	31	59.1	-14	22 05	M
V6535 Sgr	19	43	00.8	-37	46 41	SR	V0635 Sct	18	31	59.7	-14	28 20	M
V6536 Sgr	19	43	11.7	-38	35 05	SRD	V0636 Sct	18	31	59.9	-14	31 57	M
V6537 Sgr	19	43	18.4	-38	26 06	EW	V0637 Sct	18	32	02.9	-13	39 05	M
V6538 Sgr	19	44	32.2	-39	47 40	SRB	V0638 Sct	18	32	12.9	-15	03 33	M
V6539 Sgr	19	44	47.0	-37	48 37	SRB	V0639 Sct	18	32	36.4	-13	55 37	M
V6540 Sgr	19	44	58.0	-37	26 48	RRC	V0640 Sct	18	32	41.0	-14	06 41	M
V6541 Sgr	19	45	12.1	-37	10 16	EA	V0641 Sct	18	32	49.1	-13	52 00	M
V6542 Sgr	19	47	09.9	-37	40 14	RRC	V0642 Sct	18	33	14.5	-13	39 54	M

Table 1 (continued)

Name	R.A., Decl., 2000.0				Type	Name	R.A., Decl., 2000.0				Type		
	h	m	s	o' "			h	m	s	o' "			
V0643	Sct	18	35	25.5	-08 00 57	EA	V0418	Tel	18	20	40.2	-54 47 21	RRC
V0644	Sct	18	38	05.3	-12 22 29	SRB	V0419	Tel	18	20	41.4	-53 12 04	RRAB
V0645	Sct	18	40	16.1	-15 13 44	SRA	V0420	Tel	18	21	27.2	-56 24 15	BY:
V0646	Sct	18	41	25.3	-04 20 32	SRB	V0421	Tel	18	22	14.8	-54 08 27	RRC
V0647	Sct	18	44	41.6	-07 27 43	SR	V0422	Tel	18	23	08.8	-52 46 59	RRAB
V0648	Sct	18	45	15.5	-13 34 42	M	V0423	Tel	18	23	30.3	-47 54 39	SRD
V0649	Sct	18	47	24.7	-07 13 43	EA	V0424	Tel	18	24	17.8	-52 54 44	RRAB
V0650	Sct	18	47	41.8	-09 50 43	M	V0425	Tel	18	25	07.0	-52 49 17	EW
V0651	Sct	18	49	21.5	-09 44 58	SRB	V0426	Tel	18	25	18.8	-53 02 52	EA
V0652	Sct	18	50	52.3	-11 07 19	SRB	V0427	Tel	18	26	31.5	-48 20 05	SRB
V0653	Sct	18	51	20.9	-14 26 07	SRB	V0428	Tel	18	26	52.4	-49 08 00	M
V0654	Sct	18	51	41.8	-11 23 11	LB	V0429	Tel	18	27	17.0	-47 34 14	M
V0655	Sct	18	52	51.0	-12 35 51	SRB	V0430	Tel	18	28	09.0	-54 10 25	RRAB
V0656	Sct	18	55	40.3	-09 14 57	EA	V0431	Tel	18	28	32.9	-45 59 28	SR
V0657	Sct	18	55	49.8	-05 56 13	M	V0432	Tel	18	29	03.3	-52 54 05	SR
V0658	Sct	18	56	54.2	-06 19 32	M	V0433	Tel	18	29	14.2	-50 53 45	SRB
V0659	Ser	18	05	59.4	-07 26 25	EB	V0434	Tel	18	29	45.3	-55 44 55	RRAB
V0660	Ser	18	06	31.8	-12 53 40	EA	V0435	Tel	18	31	19.6	-48 14 15	M
V0661	Ser	18	06	42.9	-08 13 12	M	V0436	Tel	18	31	39.0	-54 52 36	EA
V0662	Ser	18	08	11.4	-00 04 19	EW	V0437	Tel	18	31	58.8	-56 20 15	RRAB
V0663	Ser	18	09	43.0	-15 16 57	LB	V0438	Tel	18	31	59.1	-46 38 26	SRB
V0664	Ser	18	10	24.8	-10 34 16	M	V0439	Tel	18	32	53.4	-52 04 55	LB
V0665	Ser	18	17	48.5	-12 01 48	EA	V0440	Tel	18	32	53.5	-55 39 14	RRC
V0666	Ser	18	21	38.2	-09 52 32	EA	V0441	Tel	18	32	54.8	-53 23 44	RRC
V0667	Ser	18	34	49.3	-00 43 08	EA	V0442	Tel	18	33	16.7	-48 07 08	RRC
V0668	Ser	18	37	07.3	+03 05 12	SRB	V0443	Tel	18	33	32.6	-49 12 43	SRB:
V0669	Ser	18	39	04.4	+01 41 18	M	V0444	Tel	18	33	51.5	-49 46 18	LB
V0391	Tel	18	10	25.3	-46 12 49	M	V0445	Tel	18	34	48.3	-52 17 33	RRC
V0392	Tel	18	10	55.3	-54 49 47	RRAB	V0446	Tel	18	34	50.7	-51 12 46	RRAB
V0393	Tel	18	11	01.3	-52 52 01	EB	V0447	Tel	18	35	17.3	-52 54 48	RRC
V0394	Tel	18	11	18.7	-46 08 42	M	V0448	Tel	18	36	08.9	-55 35 15	EW
V0395	Tel	18	11	26.1	-54 57 44	LB	V0449	Tel	18	36	15.6	-55 05 24	EA
V0396	Tel	18	11	43.5	-46 38 14	M	V0450	Tel	18	37	25.3	-56 44 47	SRB
V0397	Tel	18	11	50.3	-45 49 03	SR	V0451	Tel	18	37	58.1	-52 50 16	RRAB
V0398	Tel	18	13	03.0	-49 40 32	SR	V0452	Tel	18	38	02.5	-47 10 40	SR
V0399	Tel	18	13	17.0	-49 55 02	SRB	V0453	Tel	18	38	05.1	-54 21 10	EW
V0400	Tel	18	14	47.4	-52 26 40	EB	V0454	Tel	18	38	41.0	-55 26 39	RRC
V0401	Tel	18	15	05.4	-54 45 11	EW	V0455	Tel	18	39	12.6	-49 56 39	SRB
V0402	Tel	18	15	47.9	-49 58 34	SRB	V0456	Tel	18	39	21.3	-55 37 41	RRAB
V0403	Tel	18	16	01.6	-54 37 16	RRAB	V0457	Tel	18	39	31.7	-49 28 18	RRC
V0404	Tel	18	16	05.0	-49 58 24	EW	V0458	Tel	18	40	00.2	-55 04 50	EB
V0405	Tel	18	16	07.5	-55 43 56	CWB	V0459	Tel	18	40	22.2	-52 42 19	RRC
V0406	Tel	18	17	04.7	-47 32 15	EA	V0460	Tel	18	40	58.4	-50 11 02	SRB
V0407	Tel	18	17	29.3	-52 51 44	RRAB	V0461	Tel	18	41	09.2	-55 51 21	EW
V0408	Tel	18	18	05.7	-56 44 08	EB	V0462	Tel	18	42	59.1	-45 32 54	RRAB
V0409	Tel	18	18	12.8	-55 59 45	RRC:	V0463	Tel	18	43	24.6	-46 19 07	M
V0410	Tel	18	18	34.0	-53 48 57	SRB	V0464	Tel	18	43	35.3	-52 03 07	SRB
V0411	Tel	18	18	56.4	-55 57 23	RRAB	V0465	Tel	18	43	41.2	-52 39 36	RRC
V0412	Tel	18	19	01.0	-47 52 26	M	V0466	Tel	18	43	47.8	-53 16 47	RRAB
V0413	Tel	18	19	17.1	-53 05 22	SRB	V0467	Tel	18	44	43.2	-47 07 59	SRB
V0414	Tel	18	19	42.6	-54 32 51	RRAB	V0468	Tel	18	44	55.8	-47 13 25	RRAB
V0415	Tel	18	19	44.1	-53 35 46	RRC	V0469	Tel	18	45	05.4	-46 12 53	SRB
V0416	Tel	18	19	51.9	-54 11 54	RRAB	V0470	Tel	18	45	59.0	-54 09 15	RRC
V0417	Tel	18	20	05.2	-46 09 34	M	V0471	Tel	18	46	09.4	-54 02 04	RRAB

Table 1 (continued)

Name	R.A., Decl., 2000.0						Type	Name	R.A., Decl., 2000.0						Type		
	h	m	s	o	'	"			h	m	s	o	'	"			
V0472	Tel	18	46	28.8	-48	34	38	RRAB	V0501	Tel	19	31	38.3	-52	49	01	SRB
V0473	Tel	18	46	54.0	-54	39	20	RRC	V0502	Tel	19	34	24.0	-45	23	32	M
V0474	Tel	18	47	01.9	-47	21	13	CWB	V0503	Tel	19	34	53.9	-45	22	23	M
V0475	Tel	18	47	14.6	-48	01	41	EA	V0504	Tel	19	43	50.4	-48	11	05	M
V0476	Tel	18	47	20.5	-53	03	41	EW	V0505	Tel	19	55	21.9	-48	26	53	RRAB
V0477	Tel	18	47	45.4	-51	32	57	RRAB	V0506	Tel	19	55	34.3	-45	34	14	EW
V0478	Tel	18	47	57.9	-55	02	23	RRAB	V0507	Tel	19	57	50.3	-53	22	42	EW
V0479	Tel	18	47	58.7	-52	35	55	RRAB	V0508	Tel	19	58	24.8	-54	30	52	RRAB
V0480	Tel	18	48	05.8	-46	25	37	RRAB	V0509	Tel	19	58	51.4	-52	16	02	EW
V0481	Tel	18	48	17.5	-55	23	41	EB	V0553	Vul	18	58	11.5	+21	52	53	M
V0482	Tel	18	49	17.9	-55	44	58	SRB	V0554	Vul	18	59	58.2	+23	49	33	SRB
V0483	Tel	18	50	57.6	-56	11	32	BY	V0555	Vul	19	01	14.6	+22	01	46	SR
V0484	Tel	18	51	48.6	-56	48	01	EW	V0556	Vul	19	14	56.8	+22	04	30	M
V0485	Tel	18	53	33.0	-45	25	01	RRAB	V0557	Vul	19	22	12.0	+22	34	39	M
V0486	Tel	18	55	15.3	-48	07	52	M	V0558	Vul	19	23	04.1	+24	58	14	EA
V0487	Tel	18	55	21.8	-47	55	02	RRAB	V0559	Vul	19	29	01.9	+23	16	04	SR
V0488	Tel	18	56	21.4	-46	22	25	RRAB	V0560	Vul	19	31	37.5	+26	35	41	EB
V0489	Tel	18	56	46.8	-47	43	36	RRAB	V0561	Vul	19	35	41.5	+22	20	08	SRB
V0490	Tel	18	56	54.1	-45	45	58	SRB	V0562	Vul	19	38	40.3	+26	25	29	SRB
V0491	Tel	18	57	35.6	-45	28	09	SR	V0563	Vul	19	45	09.1	+28	32	15	SR
V0492	Tel	18	58	59.4	-49	39	29	SRB	V0564	Vul	19	45	21.0	+29	01	09	SR
V0493	Tel	19	03	20.6	-45	58	39	SR	V0565	Vul	19	45	30.4	+28	21	24	EA
V0494	Tel	19	07	23.1	-45	55	09	RRAB	V0566	Vul	19	47	13.1	+29	04	06	M:
V0495	Tel	19	07	41.8	-48	34	29	SRB	V0567	Vul	19	49	27.0	+21	34	44	SRA
V0496	Tel	19	09	33.8	-45	35	58	RRAB	V0568	Vul	19	50	52.4	+20	04	53	SRA
V0497	Tel	19	13	36.7	-49	35	34	RRAB	V0569	Vul	19	52	08.2	+27	42	21	N
V0498	Tel	19	13	56.7	-45	59	58	SRB	V0570	Vul	19	59	21.3	+26	38	48	EB
V0499	Tel	19	15	12.0	-45	20	46	M	V0571	Vul	19	59	29.7	+22	45	13	M
V0500	Tel	19	23	03.0	-46	20	36	SR									

Table 2. Recent Novae

GCVS	Nova name	GCVS	Nova name
V2891 Cyg	Nova Cyg 2019	V1706 Sco	Nova Sco 2019
V3730 Oph	Nova Oph 2019	V1707 Sco	Nova Sco 2019 No. 2
V2860 Ori	Nova Ori 2019	V0569 Vul	Nova Vul 2019

Table 3. Other Novae and rare-type variables in Table 1

GCVS	Nova name	GCVS	Nova name
V3721 Oph	ASASSN-18ey (XN)	V5933 Sgr	OGLE-2015-NOVA-02
V5914 Sgr	OGLE-2006-NOVA-01	V5980 Sgr	OGLE-2010-NOVA-03
V5926 Sgr	OGLE-2013-NOVA-04	V5991 Sgr	VVV-NOV-001 (N:)
V5927 Sgr	OGLE-2014-NOVA-06	V6345 Sgr	WISE J181834.00-284919.6