

The 87th Name-List of Variable Stars. Globular Clusters (Fifth Part) and Novae

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We present a new Name-List of variable stars containing information on 1315 variable stars in 23 globular star clusters, mainly in ten constellations (Scorpius – Virgo; several variables in NGC 6496, its center being in Scorpius, belong to Corona Austrina). With this Name-list, we have finished merging catalogs of variable stars in globular clusters with the General Catalogue of Variable Stars (GCVS). In the five parts of our globular-cluster Name-lists, we have added 6346 variable stars in 121 globular clusters into the GCVS. Also in the present Name-list, GCVS names are assigned to 9 recent Novae and one rare-type variable star in our Galaxy.

1 INTRODUCTION

This Name-list of variable stars is the final, fifth part of our list of variable stars in globular clusters and their closest surroundings (the first four parts appeared in Kazarovets et al. 2019 and Samus et al. 2020, 2021, 2024, with correction in Samus et al. 2025, and contained 5031 stars in 98 globular clusters, belonging to 111 constellations from Apus to Ophiuchus). Compilation of such lists in the format of the General Catalogue of Variable Stars (GCVS; Samus et al. 2017) became possible after determination of equatorial coordinates for a large number of variable stars in globular clusters (Samus et al. 2009) and introduction of equatorial coordinates into new versions of the electronic Catalogue of Variable Stars in Galactic Globular Clusters (CVSGGS; Clement et al. 2001).

As usual, we also take the opportunity of the present Name-list to announce new GCVS names for 9 Novae and one rare-type variable discovered in 2025.

2 THE NAME-LIST

This publication, the 87th Name-List of Variable Stars, contains information on 1315 variable stars in 23 galactic globular clusters newly named in the system of the GCVS (Samus et al. 2017). The clusters belong to the end of the alphabet list of the constellations. They are mainly in 10 constellations (Scorpius, Sculptor, Scutum, Serpens, Sextans, Telescopium, Tucana, Ursa Major, Vela, Virgo). Some of the variable stars in

the globular star cluster NGC 6496 belong to the constellation Corona Austrina, while other variables and the cluster center are in Scorpius.

The 87th Name-List of Variable Stars ends our work on merging the CVSGGS with the GCVS. The GCVS names were given only for those stars that satisfy our criteria for GCVS stars (generally speaking, known variability type and variation amplitude). The rest of the stars are considered, by our standards, suspected variable stars. It should be also mentioned that, in some cases, original publications contain variable stars that are in globular-cluster fields but are not listed (though sometimes mentioned) in the CVSGGS. Such stars are also included into the current Name-list.

As mentioned in the Introduction, this work became possible only when equatorial coordinates had been determined by Samus et al. (2009) for all globular-cluster variable stars contained in the Clement et al. (2001) catalogue (CVSGGC) by that time. Since then, the CVSGGC was considerably appended. Fortunately, the authors of new discoveries and of new thorough investigations now use to present equatorial, rather than rectangular, coordinates in their publications. We are now able to check the coordinates using the Gaia DR3 catalogue (Gaia Collaboration et al. 2023); even in the dense fields of globular clusters, Gaia coordinates are available for a majority of variable stars.

Many variable stars in globular clusters are faint, some of them are in rather crowded fields. Nevertheless, in quite a number of cases, we were able to check photometric information and/or to derive new light elements. For this purpose, we mainly used the ASAS-SN (Shappee et al. 2014; Kochanek et al. 2017), Catalina (Drake et al., 2009) databases. There are cases where we used observations from ZTF DR 17 object viewer (Malanchev et al. 2022) or newer ZTF versions. This facility has a very good limiting magnitude and excellent angular resolution but, unfortunately, is restricted to northern or only moderately southern declinations. In total, improving light elements was possible for 392 stars (30% of all stars in the current Name-list).

It should be noted that the CVSGGC does not contain, for some clusters of the current Name-list, continuous numbers of variable stars in the cluster. The CVSGGC numbering system in the globular cluster NGC 104 (47 Tuc) is especially complex and confusing. The numbers used are: V1 to V56; Par V1, Par V2, and Sha-V3; PC1-V17 to PC1-V53; WF2-V01 to WF2-V48; WF3-V01 to WF3-V27; WF3-V1 to WF4-26; W2_opt to W184_opt; A19; LW1 to LW22; Wel9 to Wel 96; KalW1 to KalW14; KalE1 to KalE39; EM1 to EM7. Also complex (though simpler) are numbering systems in NGC 362, M4 (NGC 6121).

Like in the previous Name-lists, we separate the catalogue of newly designated variables (it will be presented at the GCVS web site) from the Name-list. Table 1 of the present Name-List contains the new GCVS names, CVSGGS names (or, if not available, names from other sources), equatorial coordinates (rounded to an accuracy sufficient for identification), and variability types for each of the 1315 stars included into the Name-list. The order of clusters in Table 1 corresponds to the order of right ascensions of the first star of the corresponding cluster in the Name-list. Like in the Name-list No. 86 (Samus et al. 2024), there are cases when right ascensions within different clusters overlap, causing discontinuities in the GCVS names in some clusters. Other data will be presented at <http://www.sai.msu.su/gcvs/gcvs/nl87> and in the tables of the GCVS proper (<http://www.sai.msu.su/gcvs/gcvs/>), where we will additionally give variability ranges, light elements, spectral types (if available), identifications with astronomical catalogues, detailed remarks, bibliographic references for the newly named variable stars, accurate coordinates and proper motions (with references to corresponding positional catalogs or sources in the literature).

Table 2 announces GCVS names for 9 recent, spectroscopically confirmed Novae in our

Galaxy (one of them additionally shows a dwarf nova behavior) plus one FU Orionis star.

The total number of named variable stars, not counting designated non-existing stars or stars subsequently identified with earlier-named variables, is now 62 041.

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Table 1. Variable stars in globular clusters

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0						Type
		h	m	s	o	'	"	
		NGC 104 (47 Tuc)						
FQ	Tuc NGC 104 We160	00	18	21.21	-72	26	24.6	RR:
FR	Tuc NGC 104 We193	00	21	07.61	-72	08	55.8	EA
FS	Tuc NGC 104 We173	00	21	30.52	-71	46	31.4	ELL:
FT	Tuc NGC 104 We191	00	21	51.49	-72	10	50.3	RRAB
FU	Tuc NGC 104 V42	00	22	00.63	-72	02	04.0	EW
FV	Tuc NGC 104 V28	00	22	35.83	-72	11	11.3	SR
FW	Tuc NGC 104 KalW14	00	22	36.78	-72	07	11.9	SXPHE:
FX	Tuc NGC 104 We196	00	22	40.86	-72	09	22.5	BY:
FY	Tuc NGC 104 V50	00	22	47.48	-72	13	17.2	EW
FZ	Tuc NGC 104 KalW8	00	22	47.96	-71	56	49.1	RS
GG	Tuc NGC 104 KalW13	00	22	53.65	-72	03	46.7	EA
GH	Tuc NGC 104 KalW12	00	22	55.57	-72	05	15.3	EA
GI	Tuc NGC 104 V13	00	22	58.42	-72	06	56.2	SR
GK	Tuc NGC 104 We197	00	23	05.99	-72	09	30.5	EB
GL	Tuc NGC 104 V49	00	23	15.82	-72	18	54.0	EW
GM	Tuc NGC 104 LW1	00	23	22.34	-72	05	39.9	SR:
GN	Tuc NGC 104 LW2	00	23	29.22	-72	06	20.3	SR
GO	Tuc NGC 104 KalW2	00	23	39.68	-72	01	40.4	EW
GP	Tuc NGC 104 V09	00	23	40.55	-72	06	00.0	RRAB
GQ	Tuc NGC 104 LW3	00	23	47.38	-72	06	52.7	SR
GR	Tuc NGC 104 V24	00	23	47.61	-72	02	49.8	SR
GS	Tuc NGC 104 KalW7	00	23	49.33	-72	13	08.1	EA
GT	Tuc NGC 104 V21	00	23	50.38	-72	05	50.4	SR
GU	Tuc NGC 104 LW4	00	23	51.25	-72	03	49.1	SR:
GV	Tuc NGC 104 LW5	00	23	53.16	-72	04	15.6	SR
GW	Tuc NGC 104 LW6	00	23	54.66	-72	03	38.7	SR:
GX	Tuc NGC 104 V17	00	23	55.64	-71	57	28.4	SR
GY	Tuc NGC 104 LW7	00	23	56.93	-72	05	32.6	SR
GZ	Tuc NGC 104 LW8	00	23	57.57	-72	05	29.4	SR:
HH	Tuc NGC 104 LW9	00	23	58.18	-72	05	49.2	SR
HI	Tuc NGC 104 V25	00	23	58.93	-72	02	34.6	SR
HK	Tuc NGC 104 KalW5	00	23	59.16	-72	06	48.2	EW
HL	Tuc NGC 104 V04	00	24	00.53	-72	07	26.8	SR
HM	Tuc NGC 104 W58_opt	00	24	00.90	-72	04	53.4	X
HN	Tuc NGC 104 V41	00	24	01.38	-72	04	47.7	EA
HO	Tuc NGC 104 PC1-V42	00	24	01.72	-72	05	01.6	BY
HP	Tuc NGC 104 LW10	00	24	02.51	-72	05	07.4	SR
HQ	Tuc NGC 104 EM6	00	24	02.75	-72	05	02.8	LB
HR	Tuc NGC 104 EM1	00	24	03.09	-72	04	55.1	SR
HS	Tuc NGC 104 LW11	00	24	03.17	-72	04	50.7	SR
HT	Tuc NGC 104 V36	00	24	03.18	-72	05	05.1	EW
HU	Tuc NGC 104 V37	00	24	03.26	-72	04	26.7	EB
HV	Tuc NGC 104 PC1-V30	00	24	03.85	-72	05	12.3	BY
HW	Tuc NGC 104 LW12	00	24	04.00	-72	05	10.0	SR
HX	Tuc NGC 104 PC1-V19	00	24	04.05	-72	05	01.2	EB
HY	Tuc NGC 104 PC1-V37	00	24	04.25	-72	04	56.9	BY
HZ	Tuc NGC 104 Par-V1	00	24	04.29	-72	04	57.7	AM
II	Tuc NGC 104 WF4-V12	00	24	04.50	-72	05	37.3	BY
IK	Tuc NGC 104 WF2-V20	00	24	04.51	-72	03	56.5	BY
IL	Tuc NGC 104 PC1-V28	00	24	04.61	-72	04	59.5	BY
IM	Tuc NGC 104 W38_opt	00	24	04.64	-72	04	46.0	E/RS
IN	Tuc NGC 104 V39	00	24	04.64	-72	04	55.3	EA+UG:
IO	Tuc NGC 104 WF4-V01	00	24	04.71	-72	06	08.6	EA

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
IP	Tuc NGC 104 PC1-V22	00 24 04.77 -72 04 56.0	BY
IQ	Tuc NGC 104 WF2-V02	00 24 04.84 -72 04 04.3	EA
IR	Tuc NGC 104 WF2-V25	00 24 04.88 -72 04 24.9	BY
IS	Tuc NGC 104 V35	00 24 04.95 -72 04 51.2	EB
IT	Tuc NGC 104 PC1-V39	00 24 04.97 -72 05 00.6	BY
IU	Tuc NGC 104 KalW4	00 24 05.00 -72 05 22.5	EW
IV	Tuc NGC 104 EM5	00 24 05.11 -72 04 54.4	LB
IW	Tuc NGC 104 W34_opt	00 24 05.19 -72 04 46.9	E
IX	Tuc NGC 104 PC1-V32	00 24 05.40 -72 04 52.3	BY
IY	Tuc NGC 104 V34	00 24 05.58 -72 04 53.7	EW
IZ	Tuc NGC 104 PC1-V40	00 24 05.64 -72 04 53.5	BY
KK	Tuc NGC 104 V56	00 24 05.69 -72 05 15.6	SXPHE
KL	Tuc NGC 104 WF2-V27	00 24 05.70 -72 04 18.7	BY
KM	Tuc NGC 104 W29_opt	00 24 05.78 -72 04 49.0	E
KN	Tuc NGC 104 WF2-V01	00 24 05.89 -72 04 24.8	EA
KO	Tuc NGC 104 PC1-V38	00 24 05.90 -72 04 57.1	BY
KP	Tuc NGC 104 Par-V2	00 24 06.02 -72 04 55.9	UG
KQ	Tuc NGC 104 PC1-V23	00 24 06.07 -72 04 52.7	BY
KR	Tuc NGC 104 WF2-V06	00 24 06.07 -72 04 16.8	EW
KS	Tuc NGC 104 WF2-V17	00 24 06.20 -72 04 30.2	BY
KT	Tuc NGC 104 PC1-V36	00 24 06.22 -72 04 52.2	ELL
KU	Tuc NGC 104 EM2	00 24 06.29 -72 04 45.4	SR
KV	Tuc NGC 104 Sha-V3	00 24 06.35 -72 04 43.2	UG:
KW	Tuc NGC 104 V29	00 24 06.37 -72 04 37.0	SXPHE
KX	Tuc NGC 104 PC1-V20	00 24 06.38 -72 04 49.3	EW
KY	Tuc NGC 104 WF4-V10	00 24 06.38 -72 05 42.0	BY
KZ	Tuc NGC 104 PC1-V26	00 24 06.48 -72 04 46.0	BY
LL	Tuc NGC 104 V31	00 24 06.53 -72 04 50.0	SXPHE
LM	Tuc NGC 104 PC1-V25	00 24 06.56 -72 04 55.9	BY
LN	Tuc NGC 104 W26_opt	00 24 06.57 -72 05 12.3	EW
LO	Tuc NGC 104 PC1-V43	00 24 06.58 -72 04 44.1	BY
LP	Tuc NGC 104 PC1-V33	00 24 06.66 -72 04 44.4	BY
LQ	Tuc NGC 104 PC1-V35	00 24 06.73 -72 04 42.0	BY
LR	Tuc NGC 104 PC1-V31	00 24 06.89 -72 04 48.8	BY
LS	Tuc NGC 104 WF2-V22	00 24 06.89 -72 04 20.2	BY
LT	Tuc NGC 104 PC1-V34	00 24 06.91 -72 04 52.7	BY
LU	Tuc NGC 104 PC1-V24	00 24 06.94 -72 04 57.4	BY
LV	Tuc NGC 104 WF2-V19	00 24 07.05 -72 04 14.3	BY
LW	Tuc NGC 104 PC1-V18	00 24 07.08 -72 05 04.1	EW
LX	Tuc NGC 104 EM4	00 24 07.20 -72 04 46.5	SR
LY	Tuc NGC 104 WF4-V08	00 24 07.28 -72 06 19.9	BY
LZ	Tuc NGC 104 WF4-V09	00 24 07.40 -72 05 53.7	BY
MM	Tuc NGC 104 W21_opt	00 24 07.50 -72 05 27.2	E+NL:
MN	Tuc NGC 104 V32	00 24 07.53 -72 04 58.2	EW
MO	Tuc NGC 104 W23_opt	00 24 07.53 -72 04 41.5	EW
MP	Tuc NGC 104 WF4-V19	00 24 07.55 -72 05 20.1	SRS:
MQ	Tuc NGC 104 W22_opt	00 24 07.56 -72 05 24.3	ELL:
MR	Tuc NGC 104 V38	00 24 07.64 -72 05 01.8	EB
MS	Tuc NGC 104 LW13	00 24 07.73 -72 04 31.5	SR
MT	Tuc NGC 104 PC1-V29	00 24 07.88 -72 05 13.2	BY
MU	Tuc NGC 104 V55	00 24 08.08 -72 05 14.0	SXPHE
MV	Tuc NGC 104 WF4-V15	00 24 08.11 -72 06 21.5	BY
MW	Tuc NGC 104 WF2-V14	00 24 08.14 -72 04 26.2	BY
MX	Tuc NGC 104 W15_opt	00 24 08.19 -72 05 00.2	EA

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
MY	Tuc NGC 104 WF2-V47	00 24 08.21 -72 04 27.2	EA
MZ	Tuc NGC 104 WF4-V04	00 24 08.30 -72 05 35.0	EA
NN	Tuc NGC 104 EM3	00 24 08.34 -72 04 50.7	SR
NO	Tuc NGC 104 WF2-V34	00 24 08.43 -72 04 35.9	LB
NP	Tuc NGC 104 PC1-V41	00 24 08.48 -72 05 07.4	BY
NQ	Tuc NGC 104 PC1-V27	00 24 08.48 -72 05 00.4	BY
NR	Tuc NGC 104 V08	00 24 08.59 -72 03 54.8	SR
NS	Tuc NGC 104 V30	00 24 09.07 -72 05 04.9	SXPHE
NT	Tuc NGC 104 PC1-V17	00 24 09.25 -72 05 04.5	EA
NU	Tuc NGC 104 LW14	00 24 09.42 -72 04 49.0	SR
NV	Tuc NGC 104 WF4-V14	00 24 09.52 -72 06 00.8	BY
NW	Tuc NGC 104 WF2-V04	00 24 09.57 -72 03 47.6	EW
NX	Tuc NGC 104 WF2-V21	00 24 09.78 -72 04 26.2	BY
NY	Tuc NGC 104 V33	00 24 09.78 -72 04 51.6	EW
NZ	Tuc NGC 104 W11_opt	00 24 09.83 -72 03 59.7	E
OO	Tuc NGC 104 V22	00 24 10.03 -72 02 38.2	SR:
OP	Tuc NGC 104 PC1-V48	00 24 10.18 -72 04 59.8	BY:
OQ	Tuc NGC 104 WF4-V06	00 24 10.27 -72 05 06.5	BY
OR	Tuc NGC 104 KalW1	00 24 10.29 -72 04 01.8	EW
OS	Tuc NGC 104 W184_opt	00 24 10.31 -72 05 29.1	E
OT	Tuc NGC 104 W71_opt	00 24 10.38 -72 05 17.2	E+NL:
OU	Tuc NGC 104 W8_opt	00 24 10.51 -72 04 25.6	EA
OV	Tuc NGC 104 WF2-V05	00 24 10.66 -72 03 52.6	EW
OW	Tuc NGC 104 W120_opt	00 24 10.81 -72 06 19.9	E/NL:
OX	Tuc NGC 104 WF2-V15	00 24 10.82 -72 04 43.9	BY
OY	Tuc NGC 104 WF4-V20	00 24 10.98 -72 05 08.8	LB:
OZ	Tuc NGC 104 WF2-V29	00 24 11.13 -72 04 40.1	BY
PP	Tuc NGC 104 LW15	00 24 11.17 -72 05 09.4	SR:
PQ	Tuc NGC 104 W94_opt	00 24 11.52 -72 05 14.5	EA/RS
PR	Tuc NGC 104 WF4-V17	00 24 11.55 -72 06 31.7	BY:
PS	Tuc NGC 104 WF4-V18	00 24 11.75 -72 05 12.4	BY:
PT	Tuc NGC 104 WF4-V02	00 24 11.87 -72 05 07.7	EA
PU	Tuc NGC 104 WF2-V23	00 24 12.29 -72 04 11.6	BY
PV	Tuc NGC 104 WF4-V07	00 24 12.29 -72 05 21.8	BY
PW	Tuc NGC 104 WF2-V18	00 24 12.39 -72 04 22.2	BY
PX	Tuc NGC 104 V01	00 24 12.67 -72 06 39.8	M
PY	Tuc NGC 104 WF4-V13	00 24 13.05 -72 06 04.1	BY
PZ	Tuc NGC 104 WF2-V12	00 24 13.25 -72 04 47.2	BY
QQ	Tuc NGC 104 WF2-V13	00 24 13.30 -72 04 36.2	BY
QR	Tuc NGC 104 WF2-V32	00 24 13.54 -72 03 34.5	BY:
QS	Tuc NGC 104 KalE31	00 24 13.56 -71 58 02.5	RS
QT	Tuc NGC 104 LW16	00 24 13.71 -72 04 52.4	SR:
QU	Tuc NGC 104 WF2-V11	00 24 13.79 -72 04 02.8	BY
QV	Tuc NGC 104 WF3-V07	00 24 14.29 -72 04 54.7	E:
QW	Tuc NGC 104 WF3-V11	00 24 14.44 -72 05 05.3	BY
QX	Tuc NGC 104 V20	00 24 14.47 -72 05 09.3	SR
QY	Tuc NGC 104 WF2-V28	00 24 14.59 -72 04 05.3	BY
QZ	Tuc NGC 104 WF4-V05	00 24 14.62 -72 05 40.4	EW
V0335	Tuc NGC 104 V19	00 24 14.77 -72 04 44.5	SR
V0336	Tuc NGC 104 WF3-V16	00 24 14.80 -72 05 03.0	BY
V0337	Tuc NGC 104 WF2-V30	00 24 14.84 -72 03 44.8	E:
V0338	Tuc NGC 104 WF2-V31	00 24 14.92 -72 04 43.5	BY:
V0339	Tuc NGC 104 WF2-V16	00 24 14.97 -72 03 32.0	BY
V0340	Tuc NGC 104 WF4-V11	00 24 14.98 -72 05 29.0	BY

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
V0341	Tuc NGC 104 WF3-V03	00 24 15.02 -72 04 56.6	EW
V0342	Tuc NGC 104 WF3-V22	00 24 15.07 -72 04 49.7	BY
V0343	Tuc NGC 104 WF2-V24	00 24 15.11 -72 04 23.0	BY
V0344	Tuc NGC 104 WF2-V08	00 24 15.12 -72 03 36.6	E:
V0345	Tuc NGC 104 V27	00 24 15.16 -72 04 36.4	SR
V0346	Tuc NGC 104 WF2-V03	00 24 15.43 -72 04 41.2	EA
V0347	Tuc NGC 104 WF2-V10	00 24 15.58 -72 04 33.3	BY
V0348	Tuc NGC 104 W2_opt	00 24 15.63 -72 04 36.3	NL:
V0349	Tuc NGC 104 WF3-V08	00 24 15.73 -72 04 51.7	E:
V0350	Tuc NGC 104 WF3-V23	00 24 16.04 -72 04 59.3	BY
V0351	Tuc NGC 104 LW17	00 24 16.31 -72 01 30.7	SR
V0352	Tuc NGC 104 WF3-V12	00 24 16.48 -72 04 47.0	BY
V0353	Tuc NGC 104 WF2-V09	00 24 16.72 -72 04 27.1	EW/NL:
V0354	Tuc NGC 104 WF2-V44	00 24 17.25 -72 04 30.2	LB
V0355	Tuc NGC 104 WF3-V04	00 24 18.36 -72 04 55.2	EW
V0356	Tuc NGC 104 WF4-V03	00 24 18.47 -72 06 02.9	EA
V0357	Tuc NGC 104 WF3-V21	00 24 18.59 -72 05 04.4	BY
V0358	Tuc NGC 104 V02	00 24 18.59 -72 07 58.9	M
V0359	Tuc NGC 104 Ka1E33	00 24 18.78 -72 04 54.6	ELL:
V0360	Tuc NGC 104 WF3-V01	00 24 19.17 -72 04 31.3	EA
V0361	Tuc NGC 104 WF3-V20	00 24 19.82 -72 05 25.4	BY
V0362	Tuc NGC 104 LW18	00 24 20.54 -72 04 49.7	SR:
V0363	Tuc NGC 104 WF3-V14	00 24 21.03 -72 05 02.8	BY
V0364	Tuc NGC 104 A19	00 24 21.74 -72 04 13.2	SR
V0365	Tuc NGC 104 WF3-V17	00 24 21.77 -72 04 25.5	BY
V0366	Tuc NGC 104 WF2-V26	00 24 22.45 -72 04 05.3	BY
V0367	Tuc NGC 104 V10	00 24 22.47 -71 53 28.6	SR
V0368	Tuc NGC 104 WF3-V13	00 24 22.86 -72 05 31.8	BY
V0369	Tuc NGC 104 LW19	00 24 23.18 -72 04 22.9	SR
V0370	Tuc NGC 104 Ka1E36	00 24 23.23 -72 07 22.6	EW
V0371	Tuc NGC 104 Ka1E35	00 24 23.45 -72 08 29.6	EW
V0372	Tuc NGC 104 WF3-V15	00 24 24.37 -72 05 00.3	BY
V0373	Tuc NGC 104 WF3-V24	00 24 24.55 -72 04 53.9	BY
V0374	Tuc NGC 104 WF3-V05	00 24 24.93 -72 05 07.2	EW
V0375	Tuc NGC 104 Ka1E39	00 24 25.31 -72 13 38.4	EA
V0376	Tuc NGC 104 WF3-V06	00 24 25.46 -72 04 38.2	E:
V0377	Tuc NGC 104 V06	00 24 25.70 -72 06 30.0	SR
V0378	Tuc NGC 104 Ka1E34	00 24 25.84 -72 07 03.5	RS:
V0379	Tuc NGC 104 WF3-V18	00 24 26.84 -72 05 25.7	BY
V0380	Tuc NGC 104 WF3-V19	00 24 28.69 -72 05 00.6	BY
V0381	Tuc NGC 104 WF3-V25	00 24 28.84 -72 04 42.5	SRS:
V0382	Tuc NGC 104 V23	00 24 29.55 -72 09 07.6	SR
V0383	Tuc NGC 104 WF3-V02	00 24 30.43 -72 04 46.8	EA
V0384	Tuc NGC 104 We116	00 24 31.78 -72 09 29.5	BY:
V0385	Tuc NGC 104 OGLEGC 237	00 24 34.86 -71 52 12.6	BY:
V0386	Tuc NGC 104 Ka1E32	00 24 37.52 -72 03 53.1	EA
V0387	Tuc NGC 104 Ka1E26	00 24 41.31 -72 06 11.8	BY:
V0388	Tuc NGC 104 We131	00 24 42.52 -71 59 23.7	BY:
V0389	Tuc NGC 104 Ka1E25	00 24 42.54 -72 06 21.6	EB:
V0390	Tuc NGC 104 V48	00 24 43.91 -71 47 38.1	EA
V0391	Tuc NGC 104 Ka1E23	00 24 49.30 -71 56 19.8	EW
V0392	Tuc NGC 104 LW20	00 24 52.07 -71 56 11.2	SR
V0393	Tuc NGC 104 V51	00 24 58.20 -72 22 11.1	EW
V0394	Tuc NGC 104 V43	00 25 00.47 -72 00 02.6	EW

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
V0395	Tuc NGC 104 V05	00 25 03.67 -72 09 31.7	SR
V0396	Tuc NGC 104 We115	00 25 06.19 -72 10 23.5	RS
V0397	Tuc NGC 104 V11	00 25 09.09 -72 02 16.0	SR
V0398	Tuc NGC 104 V18	00 25 09.21 -72 02 39.5	SR
V0399	Tuc NGC 104 V52	00 25 11.16 -72 12 14.4	EW
V0400	Tuc NGC 104 V03	00 25 16.00 -72 03 54.7	M
V0401	Tuc NGC 104 V47	00 25 16.20 -71 56 05.5	EW
V0402	Tuc NGC 104 V07	00 25 20.56 -72 06 39.9	SR:
V0403	Tuc NGC 104 V16	00 25 23.20 -72 11 05.3	SR
V0404	Tuc NGC 104 V44	00 25 32.25 -72 01 51.5	EA
V0405	Tuc NGC 104 We109	00 25 34.12 -72 09 58.2	BY:
V0406	Tuc NGC 104 Ka1E7	00 25 37.50 -71 56 03.7	BY:
V0407	Tuc NGC 104 Ka1E19	00 25 38.38 -72 14 08.6	LB
V0408	Tuc NGC 104 V15	00 25 43.95 -72 06 50.8	SR
V0409	Tuc NGC 104 Ka1E8	00 26 02.73 -71 58 21.9	RS:
V0410	Tuc NGC 104 We128	00 26 03.06 -72 03 03.1	BY:
V0411	Tuc NGC 104 V46	00 26 08.86 -72 07 01.5	EA
V0412	Tuc NGC 104 V45	00 26 10.54 -72 11 07.8	EW
V0413	Tuc NGC 104 Ka1E10	00 26 12.39 -72 02 13.2	BY
V0414	Tuc NGC 104 V53	00 26 42.99 -72 15 20.7	EB
V0415	Tuc NGC 104 Ka1E2	00 26 46.16 -71 59 43.3	BY:
V0416	Tuc NGC 104 Ka1E1	00 27 00.02 -71 55 08.9	EW
V0417	Tuc NGC 104 We111	00 27 33.67 -72 04 38.3	EW
V0418	Tuc NGC 104 We125	00 27 56.58 -71 57 26.7	BY:
V0419	Tuc NGC 104 We178	00 28 21.18 -71 43 40.8	EA
V0420	Tuc NGC 104 We121	00 29 09.43 -71 51 26.4	EW
NGC 288			
EM	Sc1 NGC 288 V03	00 52 40.27 -26 32 29.4	RRC
EN	Sc1 NGC 288 V01	00 52 41.13 -26 33 27.0	SR
EO	Sc1 NGC 288 V07	00 52 41.44 -26 34 00.4	SXPHE
EP	Sc1 NGC 288 V06	00 52 42.45 -26 34 55.3	SXPHE
EQ	Sc1 NGC 288 V04	00 52 42.85 -26 34 46.1	SXPHE
ER	Sc1 NGC 288 V09	00 52 42.93 -26 34 10.3	SXPHE
ES	Sc1 NGC 288 V08	00 52 44.32 -26 34 00.3	SXPHE
ET	Sc1 NGC 288 V05	00 52 45.03 -26 33 52.8	SXPHE
EU	Sc1 NGC 288 V02	00 52 46.69 -26 34 08.1	RRAB
EV	Sc1 NGC 288 V10	00 52 47.92 -26 33 02.6	EW
NGC 362			
V0421	Tuc NGC 362 Sz 2	01 00 59.22 -70 36 33.4	EA
V0422	Tuc NGC 362 V09	01 01 54.54 -70 46 59.6	RRAB
V0423	Tuc NGC 362 VN04	01 01 56.48 -70 57 48.9	RS:
V0424	Tuc NGC 362 V01	01 02 24.08 -70 51 56.6	RRAB
V0425	Tuc NGC 362 V19	01 02 33.41 -70 47 03.2	EW
V0426	Tuc NGC 362 Sz 17	01 02 38.06 -70 51 21.6	SR
V0427	Tuc NGC 362 V26	01 02 38.20 -70 54 51.6	RS:
V0428	Tuc NGC 362 V28	01 02 40.57 -70 49 00.4	RS:
V0429	Tuc NGC 362 Sz 20	01 02 42.11 -70 47 00.3	EW:
V0430	Tuc NGC 362 V11	01 02 46.65 -70 51 16.9	RRC
V0431	Tuc NGC 362 V17	01 02 46.96 -70 45 46.4	SXPHE
V0432	Tuc NGC 362 VN06	01 02 48.41 -70 50 26.0	EW
V0433	Tuc NGC 362 V23	01 02 55.65 -70 51 09.8	EA
V0434	Tuc NGC 362 Sz 26	01 02 57.33 -70 50 41.0	RRC
V0435	Tuc NGC 362 V05	01 02 58.17 -70 51 23.9	RRAB
V0436	Tuc NGC 362 Sz 28	01 02 59.50 -70 59 16.0	EW

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
V0437	Tuc NGC 362 Sz 29	01 03 02.02 -70 49 43.4	RRAB
V0438	Tuc NGC 362 VN01	01 03 04.25 -70 50 29.8	EW
V0439	Tuc NGC 362 V04	01 03 04.33 -70 51 20.1	RRAB
V0440	Tuc NGC 362 Sz 31b	01 03 04.46 -70 51 20.4	RRAB
V0441	Tuc NGC 362 Sz 32	01 03 05.19 -71 00 06.3	ELL:
V0442	Tuc NGC 362 Sz 33	01 03 05.41 -70 51 03.5	RRAB
V0443	Tuc NGC 362 Sz 34	01 03 07.36 -70 50 53.2	RRAB
V0444	Tuc NGC 362 V12	01 03 07.67 -70 52 49.4	RRAB
V0445	Tuc NGC 362 Sz 36	01 03 07.78 -70 49 46.5	LB
V0446	Tuc NGC 362 Sz 39	01 03 08.17 -70 50 06.5	RRAB
V0447	Tuc NGC 362 V14	01 03 09.20 -70 52 01.0	RRAB
V0448	Tuc NGC 362 Sz 42	01 03 09.26 -70 50 43.1	RRAB
V0449	Tuc NGC 362 Sz 41	01 03 09.27 -70 49 45.4	RR
V0450	Tuc NGC 362 LW 2	01 03 10.65 -70 50 54.1	SR:
V0451	Tuc NGC 362 Sz 43	01 03 11.24 -70 50 25.6	RRAB
V0452	Tuc NGC 362 Sz 44	01 03 11.75 -70 50 46.6	RRAB
V0453	Tuc NGC 362 Sz 45	01 03 11.81 -70 50 50.9	RRAB
V0454	Tuc NGC 362 V22	01 03 12.49 -70 50 47.5	RRAB
V0455	Tuc NGC 362 Sz 46	01 03 12.61 -70 50 49.5	RRAB
V0456	Tuc NGC 362 LW 3	01 03 13.63 -70 50 37.1	SR
V0457	Tuc NGC 362 Sz 48	01 03 13.93 -70 50 53.5	RRC:
V0458	Tuc NGC 362 Sz 49	01 03 14.18 -70 50 41.2	RRAB
V0459	Tuc NGC 362 Sz 50	01 03 14.55 -70 51 50.5	RR(B)
V0460	Tuc NGC 362 V16	01 03 15.09 -70 50 32.4	SR
V0461	Tuc NGC 362 LW 5	01 03 15.23 -70 51 03.8	SR:
V0462	Tuc NGC 362 V21	01 03 16.61 -70 50 52.6	RRAB
V0463	Tuc NGC 362 Sz 53	01 03 17.29 -70 50 43.1	RRAB
V0464	Tuc NGC 362 Sz 54	01 03 17.38 -70 50 37.7	RRAB
V0465	Tuc NGC 362 LW 6	01 03 17.41 -70 50 49.8	SR:
V0466	Tuc NGC 362 V13	01 03 17.70 -70 50 15.1	RRAB
V0467	Tuc NGC 362 Sz 57	01 03 17.76 -70 49 27.5	RRAB
V0468	Tuc NGC 362 V18	01 03 17.87 -70 50 34.2	SXPHE
V0469	Tuc NGC 362 Sz 58	01 03 18.66 -70 51 16.0	RRAB
V0470	Tuc NGC 362 LW 7	01 03 19.04 -70 50 51.5	SR
V0471	Tuc NGC 362 V20	01 03 19.75 -70 50 43.9	EB
V0472	Tuc NGC 362 V02	01 03 21.84 -70 54 20.1	SR
V0473	Tuc NGC 362 V24	01 03 22.12 -70 50 44.8	EA
V0474	Tuc NGC 362 Sz 64	01 03 23.02 -70 50 35.6	RRAB
V0475	Tuc NGC 362 Sz 65	01 03 24.26 -70 50 43.5	RRAB
V0476	Tuc NGC 362 V27	01 03 30.07 -70 55 22.1	RS:
V0477	Tuc NGC 362 V06	01 03 31.37 -70 50 41.8	RRAB
V0478	Tuc NGC 362 V03	01 03 32.68 -70 53 19.8	RRAB
V0479	Tuc NGC 362 LW 8	01 03 33.01 -70 49 37.4	SR
V0480	Tuc NGC 362 Sz 69	01 03 34.20 -70 41 42.6	DSCTC
V0481	Tuc NGC 362 LW 9	01 03 35.71 -70 50 52.2	SR
V0482	Tuc NGC 362 V07	01 03 40.48 -70 51 18.8	RRAB
V0483	Tuc NGC 362 Sz 74	01 03 56.84 -70 46 19.1	RRC
V0484	Tuc NGC 362 Sz 82	01 05 38.56 -70 44 09.3	EW
Pal 3			
DG	Sex Pal 3 V14	10 05 27.38 +00 05 09.5	RRAB
DH	Sex Pal 3 V03	10 05 28.23 +00 03 34.0	RRAB
DI	Sex Pal 3 V05	10 05 29.65 +00 04 11.8	RRAB
DK	Sex Pal 3 V13	10 05 30.43 +00 03 37.8	RRAB
DL	Sex Pal 3 V06	10 05 31.35 +00 04 14.2	RRAB

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
DM	Sex Pal 3 V02	10 05 31.53	+00 04 21.5		RRAB
DN	Sex Pal 3 V07	10 05 32.63	+00 04 21.0		RRAB
DO	Sex Pal 3 V04	10 05 32.87	+00 04 35.9		CWB:
DP	Sex Pal 3 V01	10 05 35.91	+00 05 10.1		RRAB:
NGC 3201					
V0573	Vel NGC 3201 V094	10 13 02.51	-45 53 44.3		M
V0574	Vel NGC 3201 V096	10 13 05.16	-46 32 03.1		RRAB
V0575	Vel NGC 3201 V091	10 15 11.31	-46 04 43.2		RRC
V0576	Vel NGC 3201 V061	10 15 49.23	-46 21 39.7		RRAB
V0577	Vel NGC 3201 V062	10 15 55.74	-46 27 55.3		RRAB
V0578	Vel NGC 3201 V063	10 16 01.31	-46 23 51.9		RRAB
V0579	Vel NGC 3201 V053	10 16 13.05	-46 37 01.2		RRAB
V0580	Vel NGC 3201 V060	10 16 15.52	-46 23 16.0		RRAB
V0581	Vel NGC 3201 V064	10 16 35.78	-46 10 31.1		RRAB
V0582	Vel NGC 3201 V059	10 16 50.03	-46 25 49.8		RRAB
V0583	Vel NGC 3201 V066	10 16 59.09	-46 19 48.2		RRC:
V0584	Vel NGC 3201 V046	10 16 59.09	-46 33 04.0		RRAB
V0585	Vel NGC 3201 V067	10 17 00.89	-46 26 35.3		RRC
V0586	Vel NGC 3201 V043	10 17 01.35	-46 24 25.9		RRAB
V0587	Vel NGC 3201 V132	10 17 04.39	-46 19 54.6		SXPHE
V0588	Vel NGC 3201 V024	10 17 04.92	-46 24 25.2		RRAB
V0589	Vel NGC 3201 VN10	10 17 05.11	-46 34 00.4		EA
V0590	Vel NGC 3201 V055	10 17 05.38	-46 12 00.1		RRAB
V0591	Vel NGC 3201 VN5	10 17 05.94	-46 20 36.8		EW
V0592	Vel NGC 3201 V042	10 17 08.66	-46 21 28.1		RRAB
V0593	Vel NGC 3201 V143	10 17 09.60	-46 28 03.6		EA
V0594	Vel NGC 3201 V030	10 17 09.90	-46 20 14.3		RRAB
V0595	Vel NGC 3201 V159	10 17 09.91	-46 23 09.3		EW
V0596	Vel NGC 3201 V142	10 17 10.29	-46 22 38.4		EA
V0597	Vel NGC 3201 V015	10 17 10.56	-46 27 32.5		RRAB
V0598	Vel NGC 3201 V068	10 17 10.58	-46 10 46.1		SR
V0599	Vel NGC 3201 V029	10 17 12.91	-46 22 49.6		RRAB
V0600	Vel NGC 3201 V048	10 17 13.33	-46 24 28.8		RRC
V0601	Vel NGC 3201 VN21	10 17 13.38	-46 22 20.6		BY:
V0602	Vel NGC 3201 V140	10 17 15.32	-46 24 45.8		EA
V0603	Vel NGC 3201 V131	10 17 15.36	-46 23 12.2		SXPHE
V0604	Vel NGC 3201 V115	10 17 16.16	-46 25 32.8		SR
V0605	Vel NGC 3201 V069	10 17 16.26	-46 08 10.8		RRAB
V0606	Vel NGC 3201 V051	10 17 17.66	-46 25 06.2		RRAB
V0607	Vel NGC 3201 V016	10 17 18.47	-46 28 36.5		RRC
V0608	Vel NGC 3201 V071	10 17 19.36	-46 26 36.5		RRAB
V0609	Vel NGC 3201 V010	10 17 20.13	-46 20 50.1		RRAB
V0610	Vel NGC 3201 V112	10 17 20.17	-46 26 38.0		SXPHE
V0611	Vel NGC 3201 V147	10 17 21.26	-46 26 21.1		BY:
V0612	Vel NGC 3201 V158	10 17 21.79	-46 26 44.4		EW:
V0613	Vel NGC 3201 V013	10 17 22.03	-46 23 11.2		RRAB
V0614	Vel NGC 3201 V072	10 17 22.27	-46 14 50.6		RRC:
V0615	Vel NGC 3201 V014	10 17 22.42	-46 22 31.4		RRAB
V0616	Vel NGC 3201 V139	10 17 22.58	-46 23 58.1		EA
V0617	Vel NGC 3201 V092	10 17 22.71	-46 25 10.0		RRAB
V0618	Vel NGC 3201 V136	10 17 24.64	-46 24 43.9		ELL
V0619	Vel NGC 3201 V155	10 17 25.16	-46 25 19.3		BY:
V0620	Vel NGC 3201 V073	10 17 25.20	-46 23 15.1		RRAB
V0621	Vel NGC 3201 V098	10 17 25.59	-46 25 18.6		RRC

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V0622	Vel NGC 3201 V113	10 17 25.86	-46 26 21.0		SR
V0623	Vel NGC 3201 V006	10 17 26.09	-46 27 02.2		RRAB
V0624	Vel NGC 3201 V036	10 17 27.02	-46 24 52.6		RRAB
V0625	Vel NGC 3201 V154	10 17 27.35	-46 23 48.4		SXPHE:
V0626	Vel NGC 3201 V011	10 17 27.55	-46 22 55.5		RRC
V0627	Vel NGC 3201 V022	10 17 27.65	-46 25 38.0		RRAB
V0628	Vel NGC 3201 V040	10 17 28.01	-46 23 35.9		RRAB
V0629	Vel NGC 3201 V138	10 17 28.34	-46 23 26.5		EA
V0630	Vel NGC 3201 V007	10 17 28.48	-46 27 48.6		RRAB
V0631	Vel NGC 3201 V012	10 17 29.03	-46 22 55.8		RRAB
V0632	Vel NGC 3201 V124	10 17 30.25	-46 26 10.2		SXPHE
V0633	Vel NGC 3201 V146	10 17 30.48	-46 24 42.4		BY:
V0634	Vel NGC 3201 V037	10 17 30.69	-46 25 55.6		RRAB
V0635	Vel NGC 3201 V008	10 17 30.75	-46 26 19.3		RRAB
V0636	Vel NGC 3201 V076	10 17 31.28	-46 25 23.5		RRAB
V0637	Vel NGC 3201 V038	10 17 31.41	-46 25 41.0		RRAB
V0638	Vel NGC 3201 V114	10 17 31.59	-46 29 01.1		LB
V0639	Vel NGC 3201 V103	10 17 32.22	-46 22 38.0		SXPHE
V0640	Vel NGC 3201 V009	10 17 32.28	-46 26 12.6		RRAB
V0641	Vel NGC 3201 V157	10 17 32.60	-46 26 45.5		EW:
V0642	Vel NGC 3201 V023	10 17 32.63	-46 25 32.5		RRAB
V0643	Vel NGC 3201 V141	10 17 33.15	-46 25 07.5		EA
V0644	Vel NGC 3201 V117	10 17 33.46	-46 24 34.7		SR
V0645	Vel NGC 3201 V049	10 17 33.63	-46 22 13.4		RRAB
V0646	Vel NGC 3201 V156	10 17 34.72	-46 26 29.9		SXPHE:
V0647	Vel NGC 3201 V090	10 17 34.90	-46 24 33.1		RRAB
V0648	Vel NGC 3201 V129	10 17 35.73	-46 23 01.1		SXPHE
V0649	Vel NGC 3201 V050	10 17 35.98	-46 24 15.6		RRAB
V0650	Vel NGC 3201 VN2	10 17 36.02	-46 25 12.4		EW
V0651	Vel NGC 3201 V077	10 17 36.12	-46 25 36.0		RRAB
V0652	Vel NGC 3201 V109	10 17 36.15	-46 25 40.4		SXPHE
V0653	Vel NGC 3201 V100	10 17 36.15	-46 24 28.1		RRAB
V0654	Vel NGC 3201 V106	10 17 36.15	-46 24 38.4		SXPHE
V0655	Vel NGC 3201 V035	10 17 36.30	-46 22 43.2		RRAB
V0656	Vel NGC 3201 V121	10 17 36.56	-46 24 43.8		SXPHE
V0657	Vel NGC 3201 V128	10 17 36.63	-46 23 55.1		SXPHE
V0658	Vel NGC 3201 V104	10 17 36.76	-46 23 03.5		SXPHE
V0659	Vel NGC 3201 V078	10 17 36.88	-46 27 03.9		RRAB
V0660	Vel NGC 3201 V120	10 17 38.22	-46 25 38.2		SXPHE
V0661	Vel NGC 3201 V052	10 17 38.29	-46 37 58.2		RRAB
V0662	Vel NGC 3201 V017	10 17 38.30	-46 25 07.2		RRAB
V0663	Vel NGC 3201 V079	10 17 38.38	-46 26 23.8		SR
V0664	Vel NGC 3201 V135	10 17 39.12	-46 24 29.9		ELL
V0665	Vel NGC 3201 V018	10 17 39.37	-46 25 06.2		RRAB
V0666	Vel NGC 3201 V116	10 17 39.47	-46 25 32.3		SR
V0667	Vel NGC 3201 V019	10 17 39.47	-46 19 30.8		RRAB
V0668	Vel NGC 3201 VN1	10 17 39.94	-46 23 24.7		EW
V0669	Vel NGC 3201 V002	10 17 39.99	-46 26 37.8		RRAB
V0670	Vel NGC 3201 V044	10 17 40.08	-46 23 36.8		RRAB
V0671	Vel NGC 3201 V122	10 17 40.12	-46 25 13.3		SXPHE
V0672	Vel NGC 3201 V108	10 17 40.28	-46 25 08.1		SXPHE
V0673	Vel NGC 3201 V130	10 17 40.52	-46 25 17.7		SXPHE
V0674	Vel NGC 3201 V127	10 17 40.68	-46 24 33.5		SXPHE
V0675	Vel NGC 3201 V020	10 17 41.01	-46 20 03.5		RRAB

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V0676	Vel NGC 3201 V039	10 17 41.23	-46 23 49.6		RRAB
V0677	Vel NGC 3201 V005	10 17 41.29	-46 25 06.3		RRAB
V0678	Vel NGC 3201 V107	10 17 42.61	-46 24 49.4		SXPHE
V0679	Vel NGC 3201 V105	10 17 42.75	-46 24 19.4		SXPHE
V0680	Vel NGC 3201 V027	10 17 42.81	-46 30 01.2		RRAB
V0681	Vel NGC 3201 V001	10 17 42.81	-46 26 37.7		RRAB
V0682	Vel NGC 3201 V080	10 17 43.07	-46 24 16.8		RRAB
V0683	Vel NGC 3201 VN8	10 17 43.08	-46 22 14.0		EA
V0684	Vel NGC 3201 V137	10 17 43.15	-46 22 13.0		EA
V0685	Vel NGC 3201 V028	10 17 43.50	-46 25 30.4		RRAB
V0686	Vel NGC 3201 V102	10 17 43.69	-46 21 53.7		SXPHE
V0687	Vel NGC 3201 V134	10 17 44.08	-46 24 04.2		ELL
V0688	Vel NGC 3201 V126	10 17 44.12	-46 20 58.4		SXPHE
V0689	Vel NGC 3201 VN3	10 17 44.23	-46 28 27.8		EW
V0690	Vel NGC 3201 V133	10 17 44.70	-46 23 00.0		EW
V0691	Vel NGC 3201 V119	10 17 44.95	-46 25 13.3		EA
V0692	Vel NGC 3201 VN11	10 17 45.55	-46 27 21.1		BY
V0693	Vel NGC 3201 V025	10 17 46.15	-46 21 52.1		RRAB
V0694	Vel NGC 3201 V021	10 17 46.23	-46 22 29.4		RRAB
V0695	Vel NGC 3201 V081	10 17 46.35	-46 27 17.2		RRAB
V0696	Vel NGC 3201 V047	10 17 47.56	-46 20 41.7		RRAB
V0697	Vel NGC 3201 V123	10 17 48.12	-46 25 32.2		SXPHE
V0698	Vel NGC 3201 V110	10 17 48.18	-46 25 53.7		SXPHE
V0699	Vel NGC 3201 VN9	10 17 48.19	-46 26 43.6		EA
V0700	Vel NGC 3201 V145	10 17 48.26	-46 29 05.0		BY:
V0701	Vel NGC 3201 V045	10 17 49.30	-46 25 14.6		RRAB
V0702	Vel NGC 3201 VN15	10 17 50.54	-46 17 21.8		BY:
V0703	Vel NGC 3201 V111	10 17 51.04	-46 25 58.0		SXPHE
V0704	Vel NGC 3201 V118	10 17 51.53	-46 22 09.8		SR
V0705	Vel NGC 3201 V004	10 17 52.01	-46 24 40.4		RRAB
V0706	Vel NGC 3201 V003	10 17 54.48	-46 25 25.5		RRAB
V0707	Vel NGC 3201 V031	10 17 54.55	-46 22 34.1		RRAB
V0708	Vel NGC 3201 V083	10 17 54.76	-46 21 54.4		RRAB
V0709	Vel NGC 3201 V032	10 17 55.78	-46 21 26.7		RRAB
V0710	Vel NGC 3201 V026	10 17 58.09	-46 27 01.7		RRAB
V0711	Vel NGC 3201 VN12	10 17 58.25	-46 28 46.0		BY
V0712	Vel NGC 3201 VN14	10 17 58.56	-46 13 00.8		EW:
V0713	Vel NGC 3201 V101	10 17 59.04	-46 33 25.4		EW
V0714	Vel NGC 3201 V088	10 18 00.50	-46 06 40.1		RRAB
V0715	Vel NGC 3201 V056	10 18 00.72	-46 23 10.0		RRAB
V0716	Vel NGC 3201 V149	10 18 01.81	-46 21 55.8		BY:
V0717	Vel NGC 3201 VN13	10 18 01.98	-46 15 40.9		EW
V0718	Vel NGC 3201 V057	10 18 04.87	-46 25 54.6		RRAB
V0719	Vel NGC 3201 V041	10 18 05.02	-46 24 14.8		RRAB
V0720	Vel NGC 3201 V034	10 18 05.48	-46 20 02.3		RRAB
V0721	Vel NGC 3201 VN18	10 18 06.95	-46 20 55.0		BY
V0722	Vel NGC 3201 V125	10 18 07.44	-46 21 49.8		SXPHE
V0723	Vel NGC 3201 VN7	10 18 08.12	-46 27 24.3		EA
V0724	Vel NGC 3201 V058	10 18 10.58	-46 26 04.6		RRAB
V0725	Vel NGC 3201 V084	10 18 11.70	-46 13 06.6		RRAB
V0726	Vel NGC 3201 VN6	10 18 11.70	-46 18 44.2		EA/RS
V0727	Vel NGC 3201 V144	10 18 13.56	-46 19 42.5		EB:
V0728	Vel NGC 3201 VN19	10 18 13.98	-46 27 30.4		DSCT
V0729	Vel NGC 3201 VN17	10 18 14.23	-46 22 52.0		BY:

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V0730	Vel NGC 3201 VN16	10 18 14.87	-46 21 43.5		BY:
V0731	Vel NGC 3201 VN20	10 18 22.84	-46 28 58.5		EW:
V0732	Vel NGC 3201 V054	10 18 41.66	-46 37 53.4		RRAB
V0733	Vel NGC 3201 V087	10 19 15.15	-46 32 07.9		RRAB
V0734	Vel NGC 3201 V089	10 19 53.58	-46 28 00.1		RRAB
V0735	Vel NGC 3201 V093	10 20 51.15	-46 28 03.6		RRAB
Pal 4					
V0504	UMa Pal 4 V02	11 29 12.39	+28 58 15.3		SR
V0505	UMa Pal 4 V01	11 29 14.70	+28 58 14.5		SR
NGC 5634					
V0758	Vir NGC 5634 V01	14 29 33.50	-05 58 56.8		RRAB
V0759	Vir NGC 5634 V03	14 29 34.31	-05 57 55.6		RRAB
V0760	Vir NGC 5634 V21	14 29 35.28	-05 59 08.6		SXPHE
V0761	Vir NGC 5634 V02	14 29 35.67	-05 57 14.8		RRAB
V0762	Vir NGC 5634 V18	14 29 36.01	-05 59 18.2		RRC
V0763	Vir NGC 5634 V13	14 29 36.14	-05 58 26.3		RRAB
V0764	Vir NGC 5634 V05	14 29 36.39	-06 01 20.7		RRC
V0765	Vir NGC 5634 V20	14 29 36.64	-05 58 38.1		RRAB
V0766	Vir NGC 5634 V17	14 29 36.93	-05 57 55.3		RRAB
V0767	Vir NGC 5634 V12	14 29 36.95	-05 58 28.3		RRAB
V0768	Vir NGC 5634 V19	14 29 37.41	-05 59 04.1		RRC
V0769	Vir NGC 5634 V15	14 29 37.58	-05 58 18.6		RRAB
V0770	Vir NGC 5634 V16	14 29 37.63	-05 58 06.0		RRAB
V0771	Vir NGC 5634 V11	14 29 37.89	-05 58 29.1		RRAB
V0772	Vir NGC 5634 V10	14 29 38.00	-05 58 37.9		RRAB
V0773	Vir NGC 5634 V14	14 29 38.51	-05 58 17.4		RRAB
V0774	Vir NGC 5634 V06	14 29 40.16	-05 59 31.2		RRC
V0775	Vir NGC 5634 V04	14 29 40.88	-05 59 44.0		RRC
V0776	Vir NGC 5634 V08	14 29 41.11	-05 59 16.6		RRC
Pal 5					
V0692	Ser Pal 5 V1	15 15 57.22	-00 06 53.2		RRC
V0693	Ser Pal 5 V2	15 15 57.95	-00 11 23.4		RRC
V0694	Ser Pal 5 V5	15 15 58.24	-00 05 47.7		RRC
V0695	Ser Pal 5 V4	15 16 05.79	-00 11 12.7		RRC
V0696	Ser Pal 5 V3	15 16 12.77	-00 10 03.1		RRC
NGC 5904 (M 5)					
V0697	Ser NGC 5904 V067	15 17 24.25	+02 04 24.1		RRC
V0698	Ser NGC 5904 V058	15 17 53.11	+02 07 57.9		RRAB:
V0699	Ser NGC 5904 V029	15 18 08.04	+02 03 45.8		RRAB
V0700	Ser NGC 5904 V002	15 18 10.23	+02 04 29.7		RRAB
V0701	Ser NGC 5904 V165	15 18 11.43	+02 00 40.2		SXPHE
V0702	Ser NGC 5904 V101	15 18 14.49	+02 05 34.9		UG
V0703	Ser NGC 5904 V020	15 18 16.13	+02 04 33.3		RRAB
V0704	Ser NGC 5904 V061	15 18 16.15	+02 04 26.9		RRAB
V0705	Ser NGC 5904 V043	15 18 20.07	+02 07 30.4		RRAB
V0706	Ser NGC 5904 V077	15 18 21.42	+02 01 50.7		RRAB
V0707	Ser NGC 5904 V012	15 18 21.50	+02 04 38.4		RRAB
V0708	Ser NGC 5904 V065	15 18 22.38	+02 03 21.4		RRAB
V0709	Ser NGC 5904 V164	15 18 22.79	+02 02 49.0		SXPHE
V0710	Ser NGC 5904 V011	15 18 23.10	+02 06 19.2		RRAB
V0711	Ser NGC 5904 V059	15 18 23.16	+02 04 19.3		RRAB
V0712	Ser NGC 5904 V014	15 18 23.74	+02 06 38.0		RRAB
V0713	Ser NGC 5904 V079	15 18 24.25	+02 04 22.1		RRC
V0714	Ser NGC 5904 V039	15 18 24.37	+02 00 44.1		RRAB

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V0715	Ser NGC 5904 V042	15 18 24.78	+02 02 53.2		CWA
V0716	Ser NGC 5904 V045	15 18 25.59	+02 05 59.2		RRAB
V0717	Ser NGC 5904 V060	15 18 25.94	+02 05 01.5		RRC
V0718	Ser NGC 5904 V044	15 18 26.48	+02 05 24.1		RRC
V0719	Ser NGC 5904 V083	15 18 27.43	+02 03 24.7		RRAB
V0720	Ser NGC 5904 V081	15 18 28.19	+02 02 50.4		RRAB
V0721	Ser NGC 5904 V047	15 18 28.35	+02 05 50.1		RRAB
V0722	Ser NGC 5904 V173	15 18 28.44	+02 04 29.5		SR
V0723	Ser NGC 5904 V082	15 18 28.76	+02 05 04.4		RRAB
V0724	Ser NGC 5904 V056	15 18 28.86	+02 06 28.4		RRAB
V0725	Ser NGC 5904 V092	15 18 29.24	+02 02 48.2		RRAB
V0726	Ser NGC 5904 V064	15 18 29.34	+02 00 42.7		RRAB
V0727	Ser NGC 5904 V160	15 18 29.85	+02 04 09.4		SXPHE
V0728	Ser NGC 5904 V024	15 18 29.99	+02 03 39.6		RRAB
V0729	Ser NGC 5904 V129	15 18 30.06	+02 04 01.4		RRAB
V0730	Ser NGC 5904 V080	15 18 30.24	+02 06 42.7		RRC
V0731	Ser NGC 5904 V090	15 18 30.31	+02 05 06.4		RRAB
V0732	Ser NGC 5904 V095	15 18 30.33	+02 06 33.8		RRC
V0733	Ser NGC 5904 V038	15 18 30.55	+02 06 48.3		RRAB
V0734	Ser NGC 5904 V127	15 18 30.77	+02 05 00.5		RRAB
V0735	Ser NGC 5904 V128	15 18 30.82	+02 04 42.2		RRC
V0736	Ser NGC 5904 V091	15 18 30.94	+02 05 26.0		RRAB
V0737	Ser NGC 5904 V025	15 18 31.00	+02 02 42.2		RRAB
V0738	Ser NGC 5904 V057	15 18 31.43	+02 06 30.3		RRC
V0739	Ser NGC 5904 V172	15 18 31.60	+02 04 41.2		SR
V0740	Ser NGC 5904 V017	15 18 31.61	+02 05 34.8		RRAB
V0741	Ser NGC 5904 V094	15 18 31.72	+02 05 07.8		RRAB
V0742	Ser NGC 5904 V122	15 18 32.03	+02 04 44.6		RRAB
V0743	Ser NGC 5904 V126	15 18 32.07	+02 05 01.9		RRC
V0744	Ser NGC 5904 V139	15 18 32.09	+02 05 22.7		RRC
V0745	Ser NGC 5904 V033	15 18 32.11	+02 06 57.6		RRAB
V0746	Ser NGC 5904 V170	15 18 32.15	+02 04 20.0		SXPHE
V0747	Ser NGC 5904 V125	15 18 32.17	+02 05 06.5		RRC
V0748	Ser NGC 5904 V035	15 18 32.22	+02 02 55.5		RRC
V0749	Ser NGC 5904 V156	15 18 32.50	+02 04 57.8		RRAB
V0750	Ser NGC 5904 V096	15 18 32.51	+02 05 23.0		RRAB
V0751	Ser NGC 5904 V007	15 18 32.54	+02 01 38.7		RRAB
V0752	Ser NGC 5904 V004	15 18 32.60	+02 06 03.7		RRAB
V0753	Ser NGC 5904 V036	15 18 32.62	+02 03 57.5		RRAB
V0754	Ser NGC 5904 V104	15 18 32.68	+02 05 32.1		RR(B)
V0755	Ser NGC 5904 V027	15 18 32.69	+02 03 50.9		RRAB
V0756	Ser NGC 5904 V158	15 18 32.84	+02 04 50.3		RRC
V0757	Ser NGC 5904 V005	15 18 32.85	+02 05 41.5		RRAB
V0758	Ser NGC 5904 V105	15 18 32.89	+02 05 05.2		RRC
V0759	Ser NGC 5904 V106	15 18 32.93	+02 04 59.1		RRAB
V0760	Ser NGC 5904 V121	15 18 32.95	+02 04 42.6		RRAB
V0761	Ser NGC 5904 V178	15 18 33.10	+02 04 57.7		SR
V0762	Ser NGC 5904 V107	15 18 33.25	+02 04 45.6		RRAB
V0763	Ser NGC 5904 V123	15 18 33.27	+02 05 18.5		RRAB
V0764	Ser NGC 5904 V155	15 18 33.37	+02 05 11.3		RRC
V0765	Ser NGC 5904 V157	15 18 33.37	+02 04 57.4		RRAB
V0766	Ser NGC 5904 V179	15 18 33.43	+02 04 59.3		SR
V0767	Ser NGC 5904 V100	15 18 33.55	+02 05 38.4		RRC
V0768	Ser NGC 5904 V161	15 18 33.71	+02 05 41.2		RRC

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
V0769	Ser NGC 5904 V120	15 18 33.83 +02 04 57.3	RRC
V0770	Ser NGC 5904 V013	15 18 33.89 +02 03 44.1	RRAB
V0771	Ser NGC 5904 V108	15 18 33.89 +02 04 46.6	RRC
V0772	Ser NGC 5904 V119	15 18 34.13 +02 05 04.8	RRAB
V0773	Ser NGC 5904 V174	15 18 34.19 +02 06 25.4	SR
V0774	Ser NGC 5904 V171	15 18 34.27 +02 04 23.9	SR
V0775	Ser NGC 5904 V030	15 18 34.36 +02 01 16.3	RRAB
V0776	Ser NGC 5904 V102	15 18 34.38 +02 04 33.9	RRAB
V0777	Ser NGC 5904 V142	15 18 34.50 +02 04 49.9	RRAB
V0778	Ser NGC 5904 V109	15 18 34.57 +02 04 50.5	RRAB
V0779	Ser NGC 5904 V118	15 18 34.60 +02 04 56.8	RRAB
V0780	Ser NGC 5904 V103	15 18 34.64 +02 04 40.4	RRAB
V0781	Ser NGC 5904 V110	15 18 34.88 +02 04 45.4	RRAB
V0782	Ser NGC 5904 V111	15 18 34.90 +02 05 04.9	RRAB
V0783	Ser NGC 5904 V117	15 18 34.91 +02 04 51.9	RRC
V0784	Ser NGC 5904 V026	15 18 34.94 +02 06 30.4	RRAB
V0785	Ser NGC 5904 V006	15 18 35.00 +02 04 02.1	RRAB
V0786	Ser NGC 5904 V041	15 18 35.03 +02 08 40.1	RRAB
V0787	Ser NGC 5904 V112	15 18 35.12 +02 04 17.1	RRAB
V0788	Ser NGC 5904 V113	15 18 35.13 +02 04 14.9	RRC
V0789	Ser NGC 5904 V114	15 18 35.25 +02 04 46.1	RRAB
V0790	Ser NGC 5904 V054	15 18 35.41 +02 05 45.7	RRAB
V0791	Ser NGC 5904 V001	15 18 35.46 +02 07 29.4	RRAB
V0792	Ser NGC 5904 V086	15 18 35.51 +02 04 15.6	RRAB
V0793	Ser NGC 5904 V099	15 18 35.58 +02 04 48.4	RRC
V0794	Ser NGC 5904 V073	15 18 35.65 +02 14 53.0	RRC
V0795	Ser NGC 5904 V085	15 18 35.76 +02 04 13.9	RRAB
V0796	Ser NGC 5904 V098	15 18 35.82 +02 05 08.3	RRC
V0797	Ser NGC 5904 V180	15 18 35.83 +02 03 42.1	SR
V0798	Ser NGC 5904 V050	15 18 36.04 +02 06 37.5	SR
V0799	Ser NGC 5904 V037	15 18 36.13 +02 03 41.2	RRAB
V0800	Ser NGC 5904 V093	15 18 36.13 +02 04 12.7	RRAB
V0801	Ser NGC 5904 V084	15 18 36.14 +02 04 16.4	CWA
V0802	Ser NGC 5904 V175	15 18 36.23 +02 05 11.1	LB
V0803	Ser NGC 5904 V132	15 18 36.28 +02 05 33.5	RRC
V0804	Ser NGC 5904 V137	15 18 36.33 +02 05 28.5	RRAB
V0805	Ser NGC 5904 V116	15 18 36.34 +02 04 45.8	RRC
V0806	Ser NGC 5904 V115	15 18 36.34 +02 04 53.4	RRAB
V0807	Ser NGC 5904 V097	15 18 36.34 +02 03 15.7	RRAB
V0808	Ser NGC 5904 V176	15 18 37.38 +02 06 08.0	SR
V0809	Ser NGC 5904 V089	15 18 37.41 +02 05 52.3	RRAB
V0810	Ser NGC 5904 V075	15 18 37.69 +01 57 54.5	RRAB
V0811	Ser NGC 5904 V088	15 18 37.76 +02 05 49.3	RRC
V0812	Ser NGC 5904 V053	15 18 37.93 +02 05 06.5	RRC
V0813	Ser NGC 5904 V078	15 18 37.97 +02 07 26.9	RRC
V0814	Ser NGC 5904 V076	15 18 38.03 +01 59 38.1	RRC
V0815	Ser NGC 5904 V055	15 18 38.30 +02 02 03.9	RRC
V0816	Ser NGC 5904 V130	15 18 38.59 +02 05 44.4	RRC
V0817	Ser NGC 5904 V131	15 18 38.60 +02 05 41.9	RRC
V0818	Ser NGC 5904 V034	15 18 39.02 +02 05 46.3	RRAB
V0819	Ser NGC 5904 V168	15 18 39.11 +02 11 40.7	EA
V0820	Ser NGC 5904 V016	15 18 39.53 +02 06 10.4	RRAB
V0821	Ser NGC 5904 V166	15 18 40.07 +01 58 41.3	SXPHE
V0822	Ser NGC 5904 V133	15 18 40.53 +02 05 29.8	RRC

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V0823	Ser NGC 5904 V052	15 18 40.56	+02 05 21.4		RRAB
V0824	Ser NGC 5904 V167	15 18 41.06	+01 56 29.3		SXPHE
V0825	Ser NGC 5904 V010	15 18 41.23	+02 11 07.4		RRAB
V0826	Ser NGC 5904 V177	15 18 41.40	+02 06 00.6		SR
V0827	Ser NGC 5904 V087	15 18 41.43	+02 04 43.7		RRAB
V0828	Ser NGC 5904 V040	15 18 41.85	+02 06 38.8		RRC
V0829	Ser NGC 5904 V028	15 18 41.87	+02 02 44.4		RRAB
V0830	Ser NGC 5904 V008	15 18 41.96	+02 02 32.1		RRAB
V0831	Ser NGC 5904 V031	15 18 43.12	+02 02 22.9		RRC
V0832	Ser NGC 5904 V018	15 18 43.19	+02 02 56.8		RRAB
V0833	Ser NGC 5904 V062	15 18 43.99	+02 01 07.5		RRC
V0834	Ser NGC 5904 V003	15 18 44.21	+02 06 37.8		RRAB
V0835	Ser NGC 5904 V181	15 18 45.41	+02 04 30.4		SR
V0836	Ser NGC 5904 V015	15 18 46.13	+02 04 46.9		RRC
V0837	Ser NGC 5904 V032	15 18 46.47	+02 02 12.4		RRAB
V0838	Ser NGC 5904 V009	15 18 46.50	+02 06 11.0		RRAB
V0839	Ser NGC 5904 V074	15 18 47.18	+02 07 25.5		RRAB
V0840	Ser NGC 5904 V063	15 18 47.61	+02 05 34.3		RRAB
V0841	Ser NGC 5904 V066	15 18 48.70	+02 11 28.5		RRC
V0842	Ser NGC 5904 V019	15 18 48.80	+02 02 32.2		RRAB
V0843	Ser NGC 5904 V021	15 18 55.00	+02 05 52.6		RRAB
V0844	Ser NGC 5904 V070	15 19 00.90	+02 15 02.5		RRAB
V0845	Ser NGC 5904 V169	15 19 01.94	+02 03 13.6		RRAB
V0846	Ser NGC 5904 V071	15 19 18.30	+02 09 17.6		RRAB
V0847	Ser NGC 5904 V069	15 19 18.52	+02 16 59.0		RRAB
V0848	Ser NGC 5904 V072	15 19 19.51	+02 05 04.8		RRAB
V0849	Ser NGC 5904 V068	15 19 33.45	+02 05 07.3		RRC
NGC 6093 (M 80)					
V1726	Sco NGC 6093 V01	16 16 52.60	-22 57 15.9		CWA
V1727	Sco NGC 6093 V14	16 16 55.31	-22 57 30.8		RRC:
V1728	Sco NGC 6093 V04	16 16 56.46	-22 57 34.1		RRC
V1729	Sco NGC 6093 V23	16 16 58.11	-22 57 44.0		SXPHE
V1730	Sco NGC 6093 V18	16 16 58.60	-22 58 35.4		RRC:
V1731	Sco NGC 6093 V12	16 16 59.80	-22 58 18.0		UG
V1732	Sco NGC 6093 V25	16 17 00.33	-22 56 20.9		SXPHE
V1733	Sco NGC 6093 V08	16 17 00.76	-22 58 17.1		RRAB
V1734	Sco NGC 6093 V10	16 17 01.16	-22 58 34.7		RRAB
V1735	Sco NGC 6093 V19	16 17 02.11	-22 58 29.3		RRAB
V1736	Sco NGC 6093 V33	16 17 02.16	-22 58 33.2		SXPHE
V1737	Sco NGC 6093 V39	16 17 02.20	-22 58 34.7		LB
V1738	Sco NGC 6093 V11	16 17 02.20	-22 58 37.9		UG
V1739	Sco NGC 6093 V37	16 17 02.32	-22 58 30.7		LB
V1740	Sco NGC 6093 V21	16 17 02.59	-22 58 06.9		RRAB
V1741	Sco NGC 6093 V17	16 17 02.86	-22 58 32.8		RRC
V1742	Sco NGC 6093 V24	16 17 03.00	-22 59 21.5		SXPHE
V1743	Sco NGC 6093 V40	16 17 03.04	-22 58 25.9		LB
V1744	Sco NGC 6093 V36	16 17 03.15	-22 58 42.1		LB
V1745	Sco NGC 6093 V20	16 17 03.26	-22 58 37.7		RRAB
V1746	Sco NGC 6093 V38	16 17 03.27	-22 58 35.1		LB
V1747	Sco NGC 6093 V35	16 17 03.31	-22 58 33.3		LB
V1748	Sco NGC 6093 V05	16 17 03.60	-22 59 40.7		RRAB
V1749	Sco NGC 6093 V09	16 17 03.66	-22 57 58.6		RRAB
V1750	Sco NGC 6093 V27	16 17 04.02	-22 58 26.8		EW
V1751	Sco NGC 6093 V15	16 17 04.06	-22 58 40.3		RRC

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V1752	Sco NGC 6093 V02	16 17 04.22	-22 58 53.9		LB:
V1753	Sco NGC 6093 V26	16 17 04.49	-22 59 18.1		EW
V1754	Sco NGC 6093 V16	16 17 04.60	-22 56 39.7		RRC
V1755	Sco NGC 6093 V31	16 17 05.24	-22 57 55.3		LB
V1756	Sco NGC 6093 V32	16 17 05.33	-22 58 41.6		LB
V1757	Sco NGC 6093 V30	16 17 05.54	-22 57 42.6		LB
V1758	Sco NGC 6093 V22	16 17 06.76	-22 58 29.4		SXPHE
V1759	Sco NGC 6093 V03	16 17 10.23	-22 57 38.0		RRC
V1760	Sco NGC 6093 V13	16 17 12.95	-22 58 49.5		RRC
NGC 6121 (M 4)					
V1761	Sco NGC 6121 NV11	16 20 49.94	-26 36 07.7		EW
V1762	Sco NGC 6121 NV10	16 20 51.28	-26 36 19.6		RRAB
V1763	Sco NGC 6121 NV19	16 21 04.00	-26 24 35.8		EW
V1764	Sco NGC 6121 NV20	16 21 05.84	-26 24 16.2		DSCT:
V1765	Sco NGC 6121 NV13	16 21 26.02	-26 46 07.0		RRAB
V1766	Sco NGC 6121 NV7	16 21 47.50	-26 09 41.5		RRAB:
V1767	Sco NGC 6121 NV17	16 21 48.21	-26 50 51.0		EA
V1768	Sco NGC 6121 NV1	16 21 55.84	-26 13 29.4		SR:
V1769	Sco NGC 6121 V076	16 22 05.55	-26 21 43.1		RRC
V1770	Sco NGC 6121 NV9	16 22 06.35	-26 39 25.8		BY
V1771	Sco NGC 6121 VC7	16 22 17.95	-26 29 11.4		LB
V1772	Sco NGC 6121 VC1	16 22 20.01	-26 32 38.7		SR
V1773	Sco NGC 6121 VC3	16 22 22.90	-26 24 01.9		SR
V1774	Sco NGC 6121 V034	16 22 33.64	-26 24 46.7		RRAB
V1775	Sco NGC 6121 VC2	16 22 34.80	-26 27 13.1		BY:
V1776	Sco NGC 6121 NV2	16 22 35.85	-26 19 36.6		SR
V1777	Sco NGC 6121 VC6	16 22 41.52	-26 23 03.6		LB
V1778	Sco NGC 6121 NV18	16 22 50.60	-26 28 51.1		EW
V1779	Sco NGC 6121 NV16	16 22 57.74	-26 54 41.3		RR:
V1780	Sco NGC 6121 V115	16 23 06.48	-26 27 50.6		EW
V1781	Sco NGC 6121 V035	16 23 06.57	-26 30 27.2		RRAB
V1782	Sco NGC 6121 V001	16 23 13.65	-26 30 53.8		RRC
V1783	Sco NGC 6121 V064	16 23 15.03	-26 30 19.3		RRAB
V1784	Sco NGC 6121 V002	16 23 16.28	-26 34 46.7		RRAB
V1785	Sco NGC 6121 V036	16 23 19.43	-26 35 49.2		RRAB
V1786	Sco NGC 6121 V003	16 23 19.45	-26 39 57.1		RRAB
V1787	Sco NGC 6121 V005	16 23 21.00	-26 33 06.0		RRAB
V1788	Sco NGC 6121 V004	16 23 21.02	-26 37 11.5		SRD
V1789	Sco NGC 6121 V063	16 23 21.03	-26 33 25.2		EW
V1790	Sco NGC 6121 W1222	16 23 23.37	-26 29 23.9		EA:
V1791	Sco NGC 6121 V052	16 23 24.04	-26 30 28.0		RRAB
V1792	Sco NGC 6121 V116	16 23 24.58	-26 26 22.7		EW
V1793	Sco NGC 6121 V066	16 23 25.54	-26 29 11.8		EW
V1794	Sco NGC 6121 V006	16 23 25.77	-26 26 16.4		RRC
V1795	Sco NGC 6121 V007	16 23 25.93	-26 27 42.0		RRAB
V1796	Sco NGC 6121 V008	16 23 26.13	-26 29 41.8		RRAB
V1797	Sco NGC 6121 V009	16 23 26.77	-26 29 48.1		RRAB
V1798	Sco NGC 6121 V113	16 23 28.09	-26 25 01.9		EA
V1799	Sco NGC 6121 V088	16 23 28.38	-26 30 22.3		EA
V1800	Sco NGC 6121 V106	16 23 28.53	-26 31 34.1		EA
V1801	Sco NGC 6121 V010	16 23 29.18	-26 28 54.4		RRAB
V1802	Sco NGC 6121 V061	16 23 29.73	-26 29 50.4		RRC
V1803	Sco NGC 6121 V011	16 23 29.97	-26 36 24.6		RRAB
V1804	Sco NGC 6121 V012	16 23 30.80	-26 34 59.0		RRAB

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V1805	Sco NGC 6121 V013	16 23 30.89	-26 27 04.1		LB
V1806	Sco NGC 6121 V014	16 23 31.27	-26 35 34.7		RRAB
V1807	Sco NGC 6121 V069	16 23 31.32	-26 31 48.6		EW
V1808	Sco NGC 6121 V071	16 23 31.47	-26 30 57.9		BY:
V1809	Sco NGC 6121 V037	16 23 31.57	-26 31 30.8		RRC
V1810	Sco NGC 6121 V015	16 23 31.95	-26 24 18.2		RRAB
V1811	Sco NGC 6121 V089	16 23 32.24	-26 31 41.3		EA
V1812	Sco NGC 6121 V108	16 23 32.41	-26 30 45.5		RS/E:
V1813	Sco NGC 6121 V016	16 23 32.48	-26 30 23.1		RRAB
V1814	Sco NGC 6121 V085	16 23 32.60	-26 36 13.3		DSCT
V1815	Sco NGC 6121 V038	16 23 32.84	-26 33 03.6		RRAB
V1816	Sco NGC 6121 V094	16 23 33.15	-26 33 12.6		EA:
V1817	Sco NGC 6121 V070	16 23 33.20	-26 31 09.1		EW
V1818	Sco NGC 6121 V097	16 23 33.51	-26 32 29.8		EB
V1819	Sco NGC 6121 V081	16 23 34.13	-26 31 34.9		E:+X
V1820	Sco NGC 6121 W2203	16 23 34.17	-26 21 39.2		EA:
V1821	Sco NGC 6121 V077	16 23 34.28	-26 29 56.0		LB
V1822	Sco NGC 6121 V068	16 23 34.33	-26 32 02.0		EW
V1823	Sco NGC 6121 V105	16 23 34.37	-26 30 59.0		EA
V1824	Sco NGC 6121 V109	16 23 34.44	-26 29 59.4		EW
V1825	Sco NGC 6121 C5	16 23 34.58	-26 25 41.5		EW
V1826	Sco NGC 6121 V039	16 23 34.65	-26 32 52.2		RRAB
V1827	Sco NGC 6121 V099	16 23 34.66	-26 32 04.6		E/RS
V1828	Sco NGC 6121 V018	16 23 34.68	-26 31 04.7		RRAB
V1829	Sco NGC 6121 V096	16 23 34.98	-26 32 24.6		EA
V1830	Sco NGC 6121 V019	16 23 35.03	-26 25 36.5		RRAB
V1831	Sco NGC 6121 V098	16 23 35.08	-26 32 04.1		EB:
V1832	Sco NGC 6121 V020	16 23 35.37	-26 32 36.0		RRC
V1833	Sco NGC 6121 V104	16 23 35.54	-26 31 20.3		EA
V1834	Sco NGC 6121 C3	16 23 35.57	-26 27 08.2		SR:
V1835	Sco NGC 6121 NV12	16 23 35.66	-26 47 45.7		BY
V1836	Sco NGC 6121 V021	16 23 35.91	-26 31 33.8		RRAB
V1837	Sco NGC 6121 V092	16 23 36.41	-26 30 42.9		RRC
V1838	Sco NGC 6121 V040	16 23 36.47	-26 30 44.3		RRC
V1839	Sco NGC 6121 V107	16 23 36.63	-26 30 21.9		EB
V1840	Sco NGC 6121 V101	16 23 36.64	-26 31 43.7		ELL
V1841	Sco NGC 6121 V067	16 23 36.81	-26 31 44.2		EW
V1842	Sco NGC 6121 V103	16 23 36.89	-26 31 39.5		ELL
V1843	Sco NGC 6121 V022	16 23 36.93	-26 30 13.1		RRAB
V1844	Sco NGC 6121 V093	16 23 37.09	-26 33 02.2		EW
V1845	Sco NGC 6121 V023	16 23 37.31	-26 31 56.3		RRC
V1846	Sco NGC 6121 N19	16 23 37.52	-26 31 33.5		EA
V1847	Sco NGC 6121 V024	16 23 38.02	-26 30 41.9		RRAB
V1848	Sco NGC 6121 V100	16 23 38.09	-26 31 37.9		EB:
V1849	Sco NGC 6121 V072	16 23 38.49	-26 32 10.9		EW
V1850	Sco NGC 6121 V082	16 23 39.17	-26 29 54.9		EA
V1851	Sco NGC 6121 V025	16 23 39.40	-26 30 21.4		RRAB
V1852	Sco NGC 6121 V041	16 23 39.49	-26 33 59.9		RRC
V1853	Sco NGC 6121 V102	16 23 39.71	-26 31 20.1		ELL
V1854	Sco NGC 6121 V095	16 23 41.48	-26 32 05.3		E/RS
V1855	Sco NGC 6121 V026	16 23 41.64	-26 32 41.3		RRAB
V1856	Sco NGC 6121 V084	16 23 42.34	-26 33 18.1		SXPHE:
V1857	Sco NGC 6121 V027	16 23 43.15	-26 27 16.4		RRAB
V1858	Sco NGC 6121 C4	16 23 44.77	-26 24 29.4		ELL:

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
V1859	Sco NGC 6121 V049	16 23 45.23 -26 31 28.6	RRC
V1860	Sco NGC 6121 V074	16 23 45.77 -26 31 16.6	EW
V1861	Sco NGC 6121 V065	16 23 47.17 -26 31 56.6	ELL:
V1862	Sco NGC 6121 V083	16 23 47.51 -26 32 11.9	EA
V1863	Sco NGC 6121 V073	16 23 50.94 -26 34 42.2	EB
V1864	Sco NGC 6121 V028	16 23 53.59 -26 30 05.4	RRAB
V1865	Sco NGC 6121 V091	16 23 58.10 -26 37 19.1	EA
V1866	Sco NGC 6121 V029	16 23 58.24 -26 21 35.1	RRAB
V1867	Sco NGC 6121 V030	16 23 59.64 -26 32 34.4	RRC
V1868	Sco NGC 6121 V110	16 23 59.75 -26 29 43.7	EW
V1869	Sco NGC 6121 V031	16 24 00.63 -26 30 42.1	RRAB
V1870	Sco NGC 6121 V079	16 24 01.18 -26 21 56.2	SRB
V1871	Sco NGC 6121 V042	16 24 01.99 -26 22 13.1	RRC
V1872	Sco NGC 6121 V111	16 24 02.13 -26 30 52.0	EW
V1873	Sco NGC 6121 C2	16 24 07.58 -26 38 38.4	RRAB
V1874	Sco NGC 6121 V114	16 24 14.77 -26 27 50.9	RS:
V1875	Sco NGC 6121 NV15	16 24 16.65 -26 57 13.1	BY
V1876	Sco NGC 6121 NV8	16 24 28.48 -26 28 28.6	RRAB
V1877	Sco NGC 6121 V032	16 24 29.68 -26 32 02.5	RRAB
V1878	Sco NGC 6121 V033	16 24 33.33 -26 20 58.0	RRAB
V1879	Sco NGC 6121 NV5	16 24 38.66 -26 44 24.1	EA
V1880	Sco NGC 6121 NV6	16 24 44.27 -26 46 18.3	BY
V1881	Sco NGC 6121 NV14	16 24 59.15 -26 54 20.7	EW
V1882	Sco NGC 6121 V043	16 25 07.45 -26 25 44.0	RRC
V1883	Sco NGC 6121 V112	16 25 09.49 -26 39 42.5	EW
V1884	Sco NGC 6121 NV3	16 25 29.21 -26 17 15.6	RRAB
NGC 6139			
V1885	Sco NGC 6139 V02	16 27 12.54 -38 49 28.9	SR
V1886	Sco NGC 6139 G1	16 27 15.26 -38 54 13.5	EW
V1887	Sco NGC 6139 N2	16 27 17.48 -38 55 23.0	RR:
V1888	Sco NGC 6139 G2	16 27 23.54 -38 53 40.0	SR
V1889	Sco NGC 6139 N4	16 27 25.45 -38 48 42.8	SR:
V1890	Sco NGC 6139 V10	16 27 26.32 -38 49 07.3	RRAB
V1891	Sco NGC 6139 V17	16 27 32.89 -38 50 42.2	SR
V1892	Sco NGC 6139 V05	16 27 34.31 -38 51 19.3	RRAB
V1893	Sco NGC 6139 V09	16 27 35.41 -38 41 26.8	RRAB
V1894	Sco NGC 6139 V16	16 27 35.57 -38 51 42.6	RRC
V1895	Sco NGC 6139 V12	16 27 37.56 -38 52 07.5	RRC
V1896	Sco NGC 6139 V11	16 27 38.32 -38 53 10.6	RRC
V1897	Sco NGC 6139 V13	16 27 40.03 -38 50 56.9	SR
V1898	Sco NGC 6139 N1	16 27 40.54 -38 49 57.1	RRC:
V1899	Sco NGC 6139 V14	16 27 40.57 -38 51 03.2	LB:
V1900	Sco NGC 6139 V18	16 27 41.78 -38 50 33.0	SR
V1901	Sco NGC 6139 V15	16 27 42.24 -38 50 59.8	RRC:
V1902	Sco NGC 6139 V06	16 27 43.80 -38 48 21.6	RRAB
V1903	Sco NGC 6139 V07	16 27 44.54 -38 47 59.5	RRC
V1904	Sco NGC 6139 G5	16 27 47.91 -38 49 44.5	EW
V1905	Sco NGC 6139 G6	16 27 55.29 -38 54 54.4	LB:
V1906	Sco NGC 6139 G7	16 27 58.23 -38 50 54.0	EB
V1907	Sco NGC 6139 G10	16 27 59.44 -38 56 20.6	SR
V1908	Sco NGC 6139 V04	16 28 08.36 -38 48 47.0	UG:
V1909	Sco NGC 6139 G9	16 28 09.27 -38 45 19.9	EB
V1910	Sco NGC 6139 G8	16 28 11.20 -38 48 24.1	EW
V1911	Sco NGC 6139 V01	16 28 11.76 -38 40 04.7	SR

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., ° ' "	2000.0	Type
V1912	Sco NGC 6139 N3	16 28 13.23	-38 52 49.0		RRC
V1913	Sco NGC 6139 V08	16 28 16.39	-38 49 58.9		EW
V1914	Sco NGC 6139 V03	16 28 27.95	-38 54 39.1		M
				NGC 6256	
V1915	Sco NGC 6256 V01	16 59 35.01	-37 07 22.9		CWA
				NGC 6380	
V1916	Sco NGC 6380 V01	17 34 26.45	-39 02 00.5		SR
				NGC 6388	
V1917	Sco NGC 6388 V015	17 35 39.03	-44 39 36.4		EB:
V1932	Sco NGC 6388 V057	17 35 49.26	-44 40 47.0		EW
V1934	Sco NGC 6388 V016	17 35 52.23	-44 39 57.4		RRC
V1938	Sco NGC 6388 V044	17 35 57.11	-44 44 40.5		SXPHE
V1939	Sco NGC 6388 V054	17 35 57.80	-44 44 25.9		EW
V1940	Sco NGC 6388 V034	17 35 58.81	-44 44 53.9		RRC
V1941	Sco NGC 6388 V014	17 35 59.71	-44 49 24.2		EA
V1942	Sco NGC 6388 V052	17 35 59.88	-44 47 26.4		RRC
V1943	Sco NGC 6388 V023	17 36 00.12	-44 43 46.7		RRC
V1944	Sco NGC 6388 V043	17 36 02.44	-44 43 44.5		EA
V1945	Sco NGC 6388 V067	17 36 04.54	-44 45 24.2		CWB
V1946	Sco NGC 6388 V007	17 36 08.13	-44 45 02.2		LB
V1947	Sco NGC 6388 V046	17 36 09.30	-44 44 44.3		LB
V1948	Sco NGC 6388 V053	17 36 09.56	-44 43 29.9		RRAB:
V1949	Sco NGC 6388 V012	17 36 11.41	-44 44 07.8		LB
V1950	Sco NGC 6388 V032	17 36 13.55	-44 44 36.8		RRAB:
V1951	Sco NGC 6388 V017	17 36 13.57	-44 44 33.1		RRAB
V1952	Sco NGC 6388 V018	17 36 14.49	-44 43 20.6		CWB
V1953	Sco NGC 6388 V058	17 36 14.60	-44 44 14.2		RRAB
V1954	Sco NGC 6388 V009	17 36 14.86	-44 43 12.0		LB
V1955	Sco NGC 6388 V003	17 36 15.04	-44 43 32.4		M
V1956	Sco NGC 6388 V056	17 36 15.09	-44 44 20.3		RRAB:
V1957	Sco NGC 6388 V050	17 36 15.12	-44 43 43.7		RRC
V1958	Sco NGC 6388 V092	17 36 15.31	-44 44 11.1		SR
V1959	Sco NGC 6388 V078	17 36 15.37	-44 43 53.8		SR
V1960	Sco NGC 6388 V024	17 36 15.37	-44 36 28.9		RRC
V1961	Sco NGC 6388 V095	17 36 15.41	-44 44 14.8		M:
V1962	Sco NGC 6388 V074	17 36 15.44	-44 44 23.3		RRC:
V1963	Sco NGC 6388 V083	17 36 15.52	-44 44 26.4		SR
V1964	Sco NGC 6388 V084	17 36 15.89	-44 44 04.5		SR
V1965	Sco NGC 6388 V102	17 36 15.96	-44 43 48.3		LB
V1966	Sco NGC 6388 V061	17 36 15.98	-44 44 12.6		RRAB
V1967	Sco NGC 6388 V088	17 36 16.09	-44 44 09.4		SR
V1968	Sco NGC 6388 V114	17 36 16.13	-44 44 04.5		LB
V1969	Sco NGC 6388 V066	17 36 16.17	-44 44 17.0		RRC
V1970	Sco NGC 6388 V011	17 36 16.37	-44 40 38.0		LB
V1971	Sco NGC 6388 V062	17 36 16.40	-44 44 07.9		RRAB
V1972	Sco NGC 6388 V106	17 36 16.41	-44 44 10.9		LB
V1973	Sco NGC 6388 V076	17 36 16.48	-44 44 01.3		RRAB
V1974	Sco NGC 6388 V038	17 36 16.50	-44 47 57.5		EW
V1975	Sco NGC 6388 V065	17 36 16.65	-44 43 50.4		RRC
V1976	Sco NGC 6388 V081	17 36 16.68	-44 44 23.1		SR
V1977	Sco NGC 6388 V090	17 36 16.77	-44 44 01.8		SR
V1978	Sco NGC 6388 V111	17 36 16.77	-44 44 07.0		LB
V1979	Sco NGC 6388 V089	17 36 16.94	-44 44 24.0		SR
V1980	Sco NGC 6388 V085	17 36 16.95	-44 43 59.0		SR:

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
V1981	Sco NGC 6388 V064	17 36 16.95 -44 44 16.8	RRAB
V1982	Sco NGC 6388 V075	17 36 17.02 -44 44 17.8	RRC
V1983	Sco NGC 6388 V098	17 36 17.09 -44 44 00.4	LB
V1984	Sco NGC 6388 V097	17 36 17.10 -44 43 57.8	LB
V1985	Sco NGC 6388 V118	17 36 17.14 -44 44 11.1	L
V1986	Sco NGC 6388 V060	17 36 17.16 -44 44 24.6	RRC
V1987	Sco NGC 6388 V115	17 36 17.16 -44 44 05.8	LB
V1988	Sco NGC 6388 V100	17 36 17.21 -44 44 14.0	L
V1989	Sco NGC 6388 V073	17 36 17.22 -44 44 14.8	CWA
V1990	Sco NGC 6388 V117	17 36 17.22 -44 44 04.5	L
V1991	Sco NGC 6388 V103	17 36 17.23 -44 44 08.9	LB
V1992	Sco NGC 6388 V037	17 36 17.25 -44 44 32.5	CWA
V1993	Sco NGC 6388 V091	17 36 17.28 -44 44 07.0	SR
V1994	Sco NGC 6388 V080	17 36 17.28 -44 44 18.6	RV:
V1995	Sco NGC 6388 V006	17 36 17.37 -44 45 45.9	LB
V1996	Sco NGC 6388 V104	17 36 17.40 -44 44 08.4	LB
V1997	Sco NGC 6388 V077	17 36 17.40 -44 44 14.1	BLBOO:
V1998	Sco NGC 6388 V079	17 36 17.44 -44 44 07.4	SR
V1999	Sco NGC 6388 V069	17 36 17.44 -44 44 18.5	CWB
V2000	Sco NGC 6388 V105	17 36 17.45 -44 44 13.5	LB
V2001	Sco NGC 6388 V070	17 36 17.53 -44 43 59.6	CWA
V2002	Sco NGC 6388 V072	17 36 17.53 -44 44 16.4	CWA
V2003	Sco NGC 6388 V093	17 36 17.55 -44 44 08.9	SR
V2004	Sco NGC 6388 V099	17 36 17.58 -44 44 08.2	L
V2005	Sco NGC 6388 V107	17 36 17.72 -44 44 22.4	LB
V2006	Sco NGC 6388 V101	17 36 17.73 -44 44 13.7	LB
V2007	Sco NGC 6388 V071	17 36 17.75 -44 44 04.2	RRAB
V2008	Sco NGC 6388 V082	17 36 17.84 -44 43 56.8	RV:
V2009	Sco NGC 6388 V059	17 36 17.87 -44 43 54.8	RRAB
V2010	Sco NGC 6388 V112	17 36 17.87 -44 44 03.3	LB
V2011	Sco NGC 6388 V094	17 36 17.89 -44 44 21.9	SR
V2012	Sco NGC 6388 V063	17 36 17.93 -44 44 09.7	CWB
V2013	Sco NGC 6388 V113	17 36 17.99 -44 43 52.6	LB
V2014	Sco NGC 6388 V110	17 36 18.04 -44 44 17.7	LB
V2015	Sco NGC 6388 V119	17 36 18.09 -44 44 08.7	L:
V2016	Sco NGC 6388 V087	17 36 18.09 -44 44 17.0	SR
V2017	Sco NGC 6388 V049	17 36 18.13 -44 44 48.8	RRC
V2018	Sco NGC 6388 V008	17 36 18.15 -44 43 24.3	LB:
V2019	Sco NGC 6388 V086	17 36 18.19 -44 44 00.5	SR:
V2020	Sco NGC 6388 V096	17 36 18.42 -44 44 19.3	LB
V2021	Sco NGC 6388 V055	17 36 18.55 -44 45 13.7	RR:
V2022	Sco NGC 6388 V108	17 36 18.89 -44 44 04.2	LB
V2023	Sco NGC 6388 V116	17 36 18.91 -44 43 56.9	LB
V2024	Sco NGC 6388 V109	17 36 18.92 -44 44 14.3	LB
V2025	Sco NGC 6388 V028	17 36 19.41 -44 44 59.6	RRAB
V2026	Sco NGC 6388 V051	17 36 19.75 -44 44 35.6	RRC
V2027	Sco NGC 6388 V048	17 36 19.84 -44 43 53.9	RRC
V2028	Sco NGC 6388 V036	17 36 19.84 -44 43 51.7	CWB
V2029	Sco NGC 6388 V010	17 36 20.97 -44 40 52.5	LB
V2030	Sco NGC 6388 V030	17 36 21.84 -44 44 17.8	RRAB:
V2031	Sco NGC 6388 V020	17 36 22.36 -44 43 27.7	RRC
V2032	Sco NGC 6388 V027	17 36 22.88 -44 44 24.6	RRC
V2033	Sco NGC 6388 V005	17 36 23.42 -44 44 22.2	LB
V2034	Sco NGC 6388 V021	17 36 23.44 -44 41 50.5	RRAB

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
V2035	Sco NGC 6388 V033	17 36 23.55 -44 42 43.3	RR
V2036	Sco NGC 6388 V022	17 36 23.73 -44 44 12.6	RRAB
V2037	Sco NGC 6388 V040	17 36 23.73 -44 40 31.5	EW
V2038	Sco NGC 6388 V035	17 36 23.99 -44 40 35.7	RRC
V2039	Sco NGC 6388 V039	17 36 27.23 -44 37 04.8	EB
V2040	Sco NGC 6388 V026	17 36 27.75 -44 45 13.8	RRC
V2041	Sco NGC 6388 V031	17 36 28.79 -44 42 31.3	RRC
V2042	Sco NGC 6388 V045	17 36 33.37 -44 39 18.4	LB
V2043	Sco NGC 6388 V025	17 36 33.51 -44 45 48.0	LB
V2044	Sco NGC 6388 V042	17 36 40.59 -44 41 10.7	EA
V2045	Sco NGC 6388 V047	17 36 44.02 -44 47 13.2	LB
V2046	Sco NGC 6388 V041	17 36 55.46 -44 39 16.3	EA
V2047	Sco NGC 6388 V013	17 36 56.51 -44 45 51.3	LB
Ter 1			
V1918	Sco Ter 1 V06	17 35 44.35 -30 29 48.3	RRAB
V1919	Sco Ter 1 V07	17 35 45.16 -30 29 01.5	RRAB
V1920	Sco Ter 1 V08	17 35 45.58 -30 28 56.5	RRC
V1921	Sco Ter 1 V09	17 35 45.83 -30 28 57.2	RRAB
V1922	Sco Ter 1 V18	17 35 45.87 -30 29 08.6	CWA
V1923	Sco Ter 1 V10	17 35 45.92 -30 29 15.9	RRAB
V1924	Sco Ter 1 V11	17 35 46.01 -30 28 48.8	RRAB
V1925	Sco Ter 1 V05	17 35 46.14 -30 29 03.3	CWA
V1926	Sco Ter 1 V12	17 35 46.20 -30 28 33.4	RRAB
V1927	Sco Ter 1 V13	17 35 46.87 -30 29 27.9	RRC
V1928	Sco Ter 1 V19	17 35 48.06 -30 29 38.1	CWB
V1929	Sco Ter 1 V14	17 35 48.39 -30 28 36.8	RRAB
V1930	Sco Ter 1 V15	17 35 48.74 -30 27 32.0	RRAB
V1931	Sco Ter 1 V20	17 35 48.77 -30 28 49.1	CWB
V1933	Sco Ter 1 V16	17 35 50.95 -30 28 41.8	RRC
V1935	Sco Ter 1 V21	17 35 53.46 -30 28 52.0	EB
V1936	Sco Ter 1 V17	17 35 53.51 -30 29 05.6	RRAB
V1937	Sco Ter 1 V04	17 35 55.19 -30 29 48.4	M:
NGC 6441			
V2048	Sco NGC 6441 V008	17 49 53.52 -37 10 36.0	M
V2049	Sco NGC 6441 V029	17 49 57.19 -36 59 46.2	LB
V2050	Sco NGC 6441 V018	17 49 57.92 -36 56 46.2	LB
V2051	Sco NGC 6441 V025	17 49 59.09 -37 05 23.9	SR
V2052	Sco NGC 6441 V021	17 49 59.33 -37 05 45.8	LB
V2053	Sco NGC 6441 V046	17 50 00.88 -37 04 24.6	RRAB
V2054	Sco NGC 6441 V016	17 50 01.43 -37 04 04.1	SR:
V2055	Sco NGC 6441 V096	17 50 01.46 -37 05 19.0	RRAB:
V2056	Sco NGC 6441 V104	17 50 03.01 -37 08 45.4	EB
V2057	Sco NGC 6441 V026	17 50 04.37 -37 01 24.6	LB
V2058	Sco NGC 6441 V022	17 50 04.49 -37 03 35.8	LB
V2059	Sco NGC 6441 V070	17 50 04.51 -37 03 56.7	RRC
V2060	Sco NGC 6441 V086	17 50 04.75 -37 05 03.7	EW
V2061	Sco NGC 6441 V085	17 50 06.13 -37 04 09.9	EW
V2062	Sco NGC 6441 V093	17 50 06.30 -37 02 44.8	RRC
V2063	Sco NGC 6441 V097	17 50 06.75 -37 03 23.7	RRAB:
V2064	Sco NGC 6441 V150	17 50 07.04 -37 03 15.8	RRAB:
V2065	Sco NGC 6441 V017	17 50 07.33 -37 02 40.4	SR:
V2066	Sco NGC 6441 V045	17 50 07.48 -37 05 20.6	RRAB
V2067	Sco NGC 6441 V082	17 50 07.62 -37 00 11.5	EB
V2068	Sco NGC 6441 V015	17 50 08.27 -37 07 08.4	LB

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0 h m s o ' "	Type
V2069	Sco NGC 6441 V059	17 50 08.95 -37 03 32.2	RRAB
V2070	Sco NGC 6441 V007	17 50 09.13 -36 54 59.9	M
V2071	Sco NGC 6441 V064	17 50 09.60 -37 03 07.5	RRAB
V2072	Sco NGC 6441 V102	17 50 09.64 -37 04 10.5	RRC:
V2073	Sco NGC 6441 V124	17 50 09.70 -37 02 46.7	RRC
V2074	Sco NGC 6441 V149	17 50 10.03 -37 02 26.3	RR
V2075	Sco NGC 6441 V052	17 50 10.15 -37 01 37.6	RRAB
V2076	Sco NGC 6441 V028	17 50 10.31 -36 57 41.9	LB
V2077	Sco NGC 6441 V057	17 50 10.41 -37 02 55.9	RRAB
V2078	Sco NGC 6441 V040	17 50 10.51 -37 04 00.4	RRAB
V2079	Sco NGC 6441 V106	17 50 10.58 -37 03 25.9	RRC
V2080	Sco NGC 6441 SV10	17 50 10.64 -37 00 12.6	EW
V2081	Sco NGC 6441 V140	17 50 10.77 -37 03 05.4	RRAB
V2082	Sco NGC 6441 V009	17 50 11.01 -37 03 52.7	LB
V2083	Sco NGC 6441 V056	17 50 11.09 -37 02 39.9	RRAB
V2084	Sco NGC 6441 V063	17 50 11.30 -37 02 47.2	RRAB
V2085	Sco NGC 6441 V144	17 50 11.31 -37 02 59.5	SRB
V2086	Sco NGC 6441 V019	17 50 11.32 -37 07 56.5	M
V2087	Sco NGC 6441 V156	17 50 11.33 -37 03 13.5	SR
V2088	Sco NGC 6441 V032	17 50 11.34 -37 03 23.1	SR:
V2089	Sco NGC 6441 V123	17 50 11.41 -37 03 06.8	RRC
V2090	Sco NGC 6441 V066	17 50 11.45 -37 02 06.9	RRAB
V2091	Sco NGC 6441 V196	17 50 11.51 -37 02 56.5	LB
V2092	Sco NGC 6441 V157	17 50 11.64 -37 03 14.6	SR
V2093	Sco NGC 6441 V122	17 50 11.75 -37 03 04.6	RRAB
V2094	Sco NGC 6441 V128	17 50 11.77 -37 02 58.9	CWA
V2095	Sco NGC 6441 V185	17 50 11.81 -37 03 00.4	LB
V2096	Sco NGC 6441 V137	17 50 11.82 -37 03 02.8	LB
V2097	Sco NGC 6441 V197	17 50 11.83 -37 02 48.9	LB
V2098	Sco NGC 6441 V094	17 50 11.83 -37 02 27.9	RRC
V2099	Sco NGC 6441 V183	17 50 11.91 -37 02 52.1	LB
V2100	Sco NGC 6441 V164	17 50 11.92 -37 03 11.1	CWA:
V2101	Sco NGC 6441 V151	17 50 11.98 -37 03 11.6	RRAB
V2102	Sco NGC 6441 V165	17 50 12.00 -37 03 10.6	SR
V2103	Sco NGC 6441 SV12	17 50 12.01 -37 04 18.1	RR:
V2104	Sco NGC 6441 V174	17 50 12.03 -37 02 51.2	L
V2105	Sco NGC 6441 V127	17 50 12.05 -37 03 12.1	CWA
V2106	Sco NGC 6441 V121	17 50 12.13 -37 02 59.5	RRAB
V2107	Sco NGC 6441 V120	17 50 12.16 -37 02 53.3	RRC
V2108	Sco NGC 6441 V176	17 50 12.19 -37 03 04.6	LB
V2109	Sco NGC 6441 V193	17 50 12.24 -37 03 09.9	LB
V2110	Sco NGC 6441 V105	17 50 12.29 -37 02 52.3	SR
V2111	Sco NGC 6441 V199	17 50 12.32 -37 02 57.0	LB
V2112	Sco NGC 6441 V188	17 50 12.34 -37 03 24.9	LB
V2113	Sco NGC 6441 V180	17 50 12.41 -37 03 12.1	L
V2114	Sco NGC 6441 V053	17 50 12.43 -37 01 46.9	RRAB
V2115	Sco NGC 6441 V055	17 50 12.43 -37 02 27.9	RRAB
V2116	Sco NGC 6441 V119	17 50 12.45 -37 03 01.3	RRAB
V2117	Sco NGC 6441 V118	17 50 12.47 -37 03 20.8	RRAB
V2118	Sco NGC 6441 V075	17 50 12.47 -37 03 40.5	RRC
V2119	Sco NGC 6441 V126	17 50 12.51 -37 03 11.8	RV
V2120	Sco NGC 6441 V187	17 50 12.56 -37 02 48.7	SR
V2121	Sco NGC 6441 V135	17 50 12.59 -37 02 37.7	M
V2122	Sco NGC 6441 V161	17 50 12.63 -37 03 12.4	SR

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V2123	Sco NGC 6441 V136	17 50 12.69	-37 03 16.2		RRAB
V2124	Sco NGC 6441 V145	17 50 12.72	-37 03 09.6		RR
V2125	Sco NGC 6441 U1	17 50 12.73	-37 03 06.5		XB
V2126	Sco NGC 6441 V153	17 50 12.74	-37 03 16.6		CWA:
V2127	Sco NGC 6441 V148	17 50 12.76	-37 02 50.6		RRC
V2128	Sco NGC 6441 V179	17 50 12.79	-37 03 04.2		LB
V2129	Sco NGC 6441 V152	17 50 12.80	-37 03 03.4		RRAB:
V2130	Sco NGC 6441 V129	17 50 12.84	-37 03 18.0		CWA
V2131	Sco NGC 6441 V132	17 50 12.87	-37 03 08.6		CWB
V2132	Sco NGC 6441 V184	17 50 12.88	-37 03 19.2		LB
V2133	Sco NGC 6441 V178	17 50 12.90	-37 02 56.0		LB
V2134	Sco NGC 6441 V190	17 50 12.98	-37 03 00.0		LB
V2135	Sco NGC 6441 V171	17 50 13.04	-37 02 58.5		LB
V2136	Sco NGC 6441 V042	17 50 13.05	-37 01 31.4		RRAB
V2137	Sco NGC 6441 V117	17 50 13.10	-37 03 12.2		RRAB
V2138	Sco NGC 6441 V065	17 50 13.11	-37 02 29.9		RRAB
V2139	Sco NGC 6441 V146	17 50 13.11	-37 03 00.3		RRC
V2140	Sco NGC 6441 V116	17 50 13.12	-37 03 22.6		RRAB
V2141	Sco NGC 6441 V159	17 50 13.12	-37 03 06.4		SR
V2142	Sco NGC 6441 V182	17 50 13.14	-37 03 08.6		LB
V2143	Sco NGC 6441 V198	17 50 13.15	-37 02 55.8		LB
V2144	Sco NGC 6441 V062	17 50 13.20	-37 04 06.5		RRAB
V2145	Sco NGC 6441 V155	17 50 13.21	-37 03 10.8		SR:
V2146	Sco NGC 6441 V091	17 50 13.21	-37 07 52.1		EW
V2147	Sco NGC 6441 V147	17 50 13.22	-37 02 52.1		RRC
V2148	Sco NGC 6441 V115	17 50 13.25	-37 02 46.3		RRAB
V2149	Sco NGC 6441 V013	17 50 13.26	-37 04 19.1		LB
V2150	Sco NGC 6441 V191	17 50 13.29	-37 03 03.9		LB
V2151	Sco NGC 6441 V154	17 50 13.31	-37 03 00.7		CWA
V2152	Sco NGC 6441 V060	17 50 13.32	-37 03 51.6		RRAB
V2153	Sco NGC 6441 V192	17 50 13.39	-37 03 06.5		LB
V2154	Sco NGC 6441 V166	17 50 13.41	-37 02 54.4		SR
V2155	Sco NGC 6441 V114	17 50 13.46	-37 02 53.3		RRAB
V2156	Sco NGC 6441 V160	17 50 13.51	-37 03 20.3		SR
V2157	Sco NGC 6441 V113	17 50 13.54	-37 02 56.5		RRAB
V2158	Sco NGC 6441 V139	17 50 13.57	-37 03 16.0		M
V2159	Sco NGC 6441 V170	17 50 13.60	-37 03 08.0		LB
V2160	Sco NGC 6441 V038	17 50 13.61	-37 00 27.5		RRAB
V2161	Sco NGC 6441 V112	17 50 13.61	-37 02 54.3		RRAB
V2162	Sco NGC 6441 V158	17 50 13.61	-37 02 48.6		SR
V2163	Sco NGC 6441 V195	17 50 13.62	-37 02 53.6		LB
V2164	Sco NGC 6441 V111	17 50 13.69	-37 02 57.8		RRAB
V2165	Sco NGC 6441 V163	17 50 13.72	-37 03 03.2		SR
V2166	Sco NGC 6441 V143	17 50 13.73	-37 02 47.5		RRAB
V2167	Sco NGC 6441 V142	17 50 13.81	-37 02 50.2		RRAB
V2168	Sco NGC 6441 V194	17 50 13.88	-37 03 05.5		L
V2169	Sco NGC 6441 V186	17 50 13.89	-37 03 15.7		LB
V2170	Sco NGC 6441 V169	17 50 13.90	-37 03 25.1		SR
V2171	Sco NGC 6441 V133	17 50 13.95	-37 02 56.8		SR:
V2172	Sco NGC 6441 V168	17 50 13.96	-37 03 12.9		SR
V2173	Sco NGC 6441 V079	17 50 13.97	-37 03 40.8		RRC
V2174	Sco NGC 6441 V141	17 50 13.98	-37 03 16.2		RRAB
V2175	Sco NGC 6441 V138	17 50 14.00	-37 03 07.7		RRAB
V2176	Sco NGC 6441 V167	17 50 14.01	-37 03 02.7		SR

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V2177	Sco NGC 6441 V110	17 50 14.07	-37 03 00.8		RRAB
V2178	Sco NGC 6441 V023	17 50 14.14	-37 03 56.9		LB
V2179	Sco NGC 6441 V162	17 50 14.20	-37 02 50.6		SR
V2180	Sco NGC 6441 V173	17 50 14.21	-37 03 04.7		LB
V2181	Sco NGC 6441 V181	17 50 14.27	-37 03 15.3		LB
V2182	Sco NGC 6441 V044	17 50 14.32	-37 04 00.6		RRAB
V2183	Sco NGC 6441 V177	17 50 14.36	-37 03 19.1		LB
V2184	Sco NGC 6441 V125	17 50 14.36	-37 02 44.7		RRC
V2185	Sco NGC 6441 V130	17 50 14.41	-37 03 04.6		SRB
V2186	Sco NGC 6441 V189	17 50 14.44	-37 03 08.0		LB
V2187	Sco NGC 6441 V108	17 50 14.45	-37 02 42.9		RRC
V2188	Sco NGC 6441 V172	17 50 14.54	-37 03 14.7		LB
V2189	Sco NGC 6441 V109	17 50 14.69	-37 02 49.8		RRC
V2190	Sco NGC 6441 V061	17 50 14.70	-37 04 02.6		RRAB
V2191	Sco NGC 6441 V058	17 50 14.73	-37 03 06.9		RRAB
V2192	Sco NGC 6441 V072	17 50 14.85	-36 59 31.5		RRC
V2193	Sco NGC 6441 V107	17 50 15.24	-37 03 07.1		RRAB
V2194	Sco NGC 6441 V134	17 50 15.35	-37 03 19.4		SR:
V2195	Sco NGC 6441 V131	17 50 15.50	-37 03 07.3		SR
V2196	Sco NGC 6441 V033	17 50 15.53	-37 02 59.4		SR
V2197	Sco NGC 6441 V006	17 50 15.63	-37 02 16.1		RVA
V2198	Sco NGC 6441 V037	17 50 15.89	-37 01 07.3		RRAB
V2199	Sco NGC 6441 V089	17 50 15.96	-36 58 49.5		EW
V2200	Sco NGC 6441 V041	17 50 16.03	-37 03 57.0		RRAB
V2201	Sco NGC 6441 V002	17 50 16.16	-37 02 40.3		M
V2202	Sco NGC 6441 V071	17 50 16.36	-37 01 43.5		RRC
V2203	Sco NGC 6441 V043	17 50 16.86	-37 02 09.6		RRAB
V2204	Sco NGC 6441 V001	17 50 17.10	-37 03 49.7		M
V2205	Sco NGC 6441 V081	17 50 17.44	-36 58 37.1		EW
V2206	Sco NGC 6441 V035	17 50 17.54	-37 03 11.6		SR
V2207	Sco NGC 6441 V074	17 50 18.61	-37 02 56.0		RRC
V2208	Sco NGC 6441 V027	17 50 19.27	-36 59 04.1		LB
V2209	Sco NGC 6441 V010	17 50 19.51	-37 04 04.4		LB
V2210	Sco NGC 6441 V031	17 50 20.00	-37 06 56.9		LB
V2211	Sco NGC 6441 V076	17 50 22.61	-37 03 45.7		RRC
V2212	Sco NGC 6441 V098	17 50 22.86	-36 59 48.0		SR
V2213	Sco NGC 6441 V039	17 50 22.88	-37 02 03.5		RRAB
V2214	Sco NGC 6441 V100	17 50 23.67	-36 58 33.4		EA
V2215	Sco NGC 6441 V051	17 50 25.31	-37 00 10.1		RRAB
V2216	Sco NGC 6441 V034	17 50 26.79	-37 06 56.5		SR
V2217	Sco NGC 6441 V078	17 50 27.32	-37 06 58.5		RRC
V2218	Sco NGC 6441 V080	17 50 27.46	-37 04 42.0		EW
V2219	Sco NGC 6441 V069	17 50 28.91	-37 03 27.5		RRAB
V2220	Sco NGC 6441 V077	17 50 29.93	-37 04 31.3		RRC
V2221	Sco NGC 6441 V005	17 50 29.94	-36 59 15.1		M
V2222	Sco NGC 6441 V024	17 50 30.74	-37 02 49.5		SR:
V2223	Sco NGC 6441 V020	17 50 30.92	-37 06 28.4		SR
V2224	Sco NGC 6441 V092	17 50 31.30	-37 02 23.3		EW
V2225	Sco NGC 6441 V014	17 50 32.38	-37 04 17.8		SR:
V2226	Sco NGC 6441 OGLE BLG-RRLYR-04182	17 50 33.94	-37 41 20.5		RRAB
V2227	Sco NGC 6441 V101	17 50 34.37	-36 56 56.1		EA
V2228	Sco NGC 6441 V030	17 50 34.93	-37 00 48.3		LB
V2229	Sco NGC 6441 V083	17 50 38.90	-37 01 04.2		EB
V2230	Sco NGC 6441 V103	17 50 39.48	-37 01 09.7		EB

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V2231	Sco NGC 6441 V003	17 50 42.65	-37 04 28.9		M
V2233	Sco NGC 6441 V067	17 50 44.02	-37 03 50.7		RRAB
V2234	Sco NGC 6441 SV11	17 50 45.73	-36 59 39.3		EW
V2236	Sco NGC 6441 V088	17 50 47.88	-37 07 22.2		EW
V2240	Sco NGC 6441 V090	17 50 51.68	-37 02 25.4		EB
V2245	Sco NGC 6441 V087	17 50 58.21	-37 05 44.5		EW
V2247	Sco NGC 6441 V073	17 50 58.44	-37 00 22.6		RRC
V2249	Sco NGC 6441 V099	17 51 01.61	-37 03 59.3		M
NGC 6453					
V2232	Sco NGC 6453 V05	17 50 43.43	-34 36 15.0		RRC
V2235	Sco NGC 6453 V06	17 50 47.43	-34 36 53.8		RRC
V2237	Sco NGC 6453 V04	17 50 49.35	-34 34 31.8		RRAB
V2238	Sco NGC 6453 V07	17 50 49.63	-34 35 27.3		RRC
V2239	Sco NGC 6453 V09	17 50 50.40	-34 36 04.7		RRC
V2241	Sco NGC 6453 V03	17 50 51.89	-34 35 36.3		RRC
V2242	Sco NGC 6453 V10	17 50 51.90	-34 35 45.1		RRAB
V2243	Sco NGC 6453 V01	17 50 52.11	-34 36 04.7		RV
V2244	Sco NGC 6453 V11	17 50 52.65	-34 35 53.9		RRC
V2246	Sco NGC 6453 V12	17 50 58.22	-34 35 13.9		RRC
V2248	Sco NGC 6453 V08	17 50 59.99	-34 35 03.4		RRAB
NGC 6496					
V2250	Sco NGC 6496 V11	17 58 30.75	-44 16 51.5		EW
V2251	Sco NGC 6496 V09	17 58 34.68	-44 14 47.1		EW
V2252	Sco NGC 6496 V13	17 58 40.44	-44 19 23.9		EB
V2253	Sco NGC 6496 V01	17 58 55.88	-44 14 19.4		SR
V2254	Sco NGC 6496 V06	17 58 56.47	-44 19 36.5		SR
V2255	Sco NGC 6496 V04	17 58 56.91	-44 15 51.8		LB
V2256	Sco NGC 6496 ASAS 175901-4411.5	17 59 00.61	-44 11 33.9		SRB
V2257	Sco NGC 6496 V05	17 59 02.55	-44 14 08.3		LB
V2258	Sco NGC 6496 V12	17 59 05.66	-44 12 58.0		EW:
V2259	Sco NGC 6496 V08	17 59 05.82	-44 21 39.1		SR
V0840	CrA NGC 6496 V02	17 59 12.94	-44 17 20.6		SR
V0841	CrA NGC 6496 V03	17 59 17.99	-44 16 24.5		SR
V0842	CrA NGC 6496 V10	17 59 23.14	-44 19 27.3		EW
V0843	CrA NGC 6496 V07	17 59 28.03	-44 17 26.5		LB:
NGC 6535					
V0850	Ser NGC 6535 41	18 03 47.41	-00 18 23.5		SR
IC 1276					
V0851	Ser IC 1276 V5	18 10 31.04	-07 08 57.0		SR
V0852	Ser IC 1276 V2	18 10 44.45	-07 12 31.4		RRAB
V0853	Ser IC 1276 V4	18 10 48.38	-07 10 32.9		SR
V0854	Ser IC 1276 V3	18 10 50.79	-07 13 48.9		M
V0855	Ser IC 1276 V1	18 10 51.55	-07 10 54.4		M
NGC 6584					
V0523	Tel NGC 6584 V43	18 18 03.70	-52 05 20.6		RRAB
V0524	Tel NGC 6584 V40	18 18 18.65	-52 18 34.5		RRAB
V0525	Tel NGC 6584 V50	18 18 19.12	-52 12 38.1		RRC
V0526	Tel NGC 6584 V46	18 18 25.00	-52 12 34.9		RRAB
V0527	Tel NGC 6584 V37	18 18 25.97	-52 14 27.9		RRC
V0528	Tel NGC 6584 V38	18 18 26.74	-52 11 55.1		RRAB
V0529	Tel NGC 6584 V51	18 18 27.74	-52 12 59.7		RRAB
V0530	Tel NGC 6584 V52	18 18 27.93	-52 12 55.4		RRAB
V0531	Tel NGC 6584 V53	18 18 28.11	-52 14 06.8		RRC
V0532	Tel NGC 6584 V20	18 18 28.19	-52 12 58.5		RRAB

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., Decl., 2000.0					Type	
		h	m	s	o	'	"	
V0533	Tel NGC 6584 V45	18	18	28.65	-52	12	30.5	RRAB
V0534	Tel NGC 6584 V01	18	18	28.74	-52	13	26.8	RRAB
V0535	Tel NGC 6584 V33	18	18	28.88	-52	13	37.0	RRC
V0536	Tel NGC 6584 V34	18	18	30.04	-52	12	46.3	RRAB
V0537	Tel NGC 6584 V31	18	18	30.59	-52	13	38.8	RRAB
V0538	Tel NGC 6584 V23	18	18	30.70	-52	13	09.6	RRAB
V0539	Tel NGC 6584 V54	18	18	32.15	-52	14	42.9	RRAB
V0540	Tel NGC 6584 V55	18	18	32.81	-52	12	24.6	RRAB
V0541	Tel NGC 6584 V18	18	18	32.91	-52	13	18.3	RRAB
V0542	Tel NGC 6584 V56	18	18	33.09	-52	10	15.4	RRC
V0543	Tel NGC 6584 V26	18	18	33.57	-52	13	51.9	RRAB
V0544	Tel NGC 6584 V06	18	18	34.41	-52	12	07.7	RRAB
V0545	Tel NGC 6584 V57	18	18	34.44	-52	12	48.9	RRC
V0546	Tel NGC 6584 V21	18	18	34.44	-52	13	55.0	RRAB
V0547	Tel NGC 6584 V11	18	18	35.31	-52	13	10.4	RRAB
V0548	Tel NGC 6584 V58	18	18	35.54	-52	13	31.1	RRAB
V0549	Tel NGC 6584 V60	18	18	35.60	-52	13	07.1	RRAB
V0550	Tel NGC 6584 V59	18	18	35.62	-52	12	20.5	SR
V0551	Tel NGC 6584 V12	18	18	35.77	-52	12	32.3	RRAB
V0552	Tel NGC 6584 V13	18	18	35.80	-52	14	32.1	RRC
V0553	Tel NGC 6584 V35	18	18	36.69	-52	12	46.0	RRAB
V0554	Tel NGC 6584 V10	18	18	37.04	-52	11	36.5	RRAB
V0555	Tel NGC 6584 V22	18	18	37.98	-52	12	50.2	RRAB
V0556	Tel NGC 6584 V63	18	18	38.12	-52	12	54.5	RRAB
V0557	Tel NGC 6584 V47	18	18	38.23	-52	13	20.7	RRC
V0558	Tel NGC 6584 V64	18	18	38.39	-52	12	56.2	RRAB
V0559	Tel NGC 6584 V65	18	18	38.55	-52	12	21.0	RRAB
V0560	Tel NGC 6584 V48	18	18	38.60	-52	13	26.7	RRC
V0561	Tel NGC 6584 V66	18	18	38.67	-52	13	14.3	RRC
V0562	Tel NGC 6584 V36	18	18	38.93	-52	14	00.0	RRAB
V0563	Tel NGC 6584 V67	18	18	39.50	-52	14	33.6	RRAB
V0564	Tel NGC 6584 V42	18	18	39.90	-52	11	55.9	RRAB
V0565	Tel NGC 6584 V69	18	18	39.96	-52	13	08.9	RRC
V0566	Tel NGC 6584 V68	18	18	39.99	-52	11	21.7	RRC
V0567	Tel NGC 6584 V04	18	18	40.30	-52	13	25.3	RRAB
V0568	Tel NGC 6584 V05	18	18	40.44	-52	13	28.5	RRC
V0569	Tel NGC 6584 V19	18	18	40.63	-52	13	06.5	RRAB
V0570	Tel NGC 6584 V32	18	18	40.69	-52	14	05.3	RRAB
V0571	Tel NGC 6584 V41	18	18	40.73	-52	13	04.5	RRAB
V0572	Tel NGC 6584 V70	18	18	40.79	-52	10	32.4	RRC
V0573	Tel NGC 6584 V14	18	18	41.18	-52	13	43.0	RRAB
V0574	Tel NGC 6584 V29	18	18	41.47	-52	11	40.1	RRAB
V0575	Tel NGC 6584 V17	18	18	41.61	-52	13	22.4	RRAB
V0576	Tel NGC 6584 V03	18	18	41.89	-52	13	16.0	RRAB
V0577	Tel NGC 6584 V02	18	18	41.96	-52	12	27.6	RRAB
V0578	Tel NGC 6584 V16	18	18	42.00	-52	12	58.5	RRAB
V0579	Tel NGC 6584 V71	18	18	42.10	-52	12	52.8	RRAB
V0580	Tel NGC 6584 V72	18	18	42.79	-52	12	27.9	RRC
V0581	Tel NGC 6584 V30	18	18	42.84	-52	09	31.8	RRAB
V0582	Tel NGC 6584 V09	18	18	43.48	-52	12	02.7	RRAB
V0583	Tel NGC 6584 V73	18	18	44.99	-52	08	10.6	EW
V0584	Tel NGC 6584 V28	18	18	48.09	-52	12	19.6	RRAB
V0585	Tel NGC 6584 V74	18	18	51.42	-52	13	30.7	EB:+UG:
V0586	Tel NGC 6584 V08	18	18	55.63	-52	13	35.2	RRC

Table 1 (continued)

Name, GCVS	CVSGGC or other name	R.A., h m s	Decl., o ' "	2000.0	Type
V0587	Tel NGC 6584 V25	18 18 56.92	-52 11 12.7		RRAB
V0588	Tel NGC 6584 V07	18 19 01.35	-52 11 55.3		RRAB
V0589	Tel NGC 6584 V44	18 19 11.24	-52 05 52.0		RRAB
NGC 6712					
V0667	Sct NGC 6712 FV1	18 52 55.78	-08 43 48.8		EW
V0668	Sct NGC 6712 V11	18 52 56.35	-08 47 53.5		EB:
V0669	Sct NGC 6712 V10	18 52 57.34	-08 41 43.9		SR
V0670	Sct NGC 6712 FV2	18 52 57.44	-08 40 50.2		EW
V0671	Sct NGC 6712 V13	18 52 57.76	-08 41 46.4		RRAB
V0672	Sct NGC 6712 V22	18 52 59.07	-08 41 20.4		RRAB
V0673	Sct NGC 6712 V32	18 52 59.31	-08 41 34.6		SR
V0674	Sct NGC 6712 FV8	18 53 00.94	-08 44 18.0		SRB
V0675	Sct NGC 6712 V34	18 53 01.99	-08 42 18.8		SR
V0676	Sct NGC 6712 V03	18 53 02.27	-08 43 47.3		RRAB
V0677	Sct NGC 6712 C	18 53 02.29	-08 42 38.3		SR:
V0678	Sct NGC 6712 V18	18 53 02.42	-08 42 13.9		RRC
V0679	Sct NGC 6712 V30	18 53 02.50	-08 43 11.8		EB
V0680	Sct NGC 6712 V19	18 53 03.21	-08 41 39.1		RRC
V0681	Sct NGC 6712 V31	18 53 03.48	-08 40 34.3		EW
V0682	Sct NGC 6712 V09	18 53 03.55	-08 37 23.7		UG:
V0683	Sct NGC 6712 V23	18 53 03.82	-08 42 39.3		RRAB
V0684	Sct NGC 6712 V20	18 53 04.15	-08 42 03.6		RRC
V0685	Sct NGC 6712 V29	18 53 04.16	-08 42 25.0		EW
V0686	Sct NGC 6712 V24	18 53 04.36	-08 42 26.7		RRAB
V0687	Sct NGC 6712 V25	18 53 04.86	-08 42 20.3		XP:
V0688	Sct NGC 6712 V06	18 53 05.34	-08 42 53.5		RRAB
V0689	Sct NGC 6712 FV9	18 53 05.57	-08 39 27.4		SRB
V0690	Sct NGC 6712 V17	18 53 05.84	-08 41 23.3		SRD
V0691	Sct NGC 6712 V12	18 53 06.00	-08 41 33.3		RRAB
V0692	Sct NGC 6712 V33	18 53 06.19	-08 42 43.1		SR
V0693	Sct NGC 6712 V26	18 53 06.83	-08 41 31.1		RRC
V0694	Sct NGC 6712 V28	18 53 08.08	-08 40 52.1		EW
V0695	Sct NGC 6712 V05	18 53 08.66	-08 43 23.9		RRAB
V0696	Sct NGC 6712 V27	18 53 08.87	-08 42 30.5		EW
V0697	Sct NGC 6712 V35	18 53 09.02	-08 41 12.3		LB:
V0698	Sct NGC 6712 V36	18 53 09.38	-08 43 12.7		SR
V0699	Sct NGC 6712 V04	18 53 16.27	-08 42 38.0		RRAB
V0700	Sct NGC 6712 FV3	18 53 19.89	-08 44 09.9		EW
V0701	Sct NGC 6712 FV4	18 53 20.85	-08 41 58.8		EW
V0702	Sct NGC 6712 FV5	18 53 21.24	-08 47 46.3		EW
V0703	Sct NGC 6712 FV6	18 53 21.89	-08 40 52.1		EW
V0704	Sct NGC 6712 FV7	18 53 22.03	-08 45 06.1		EW

Table 2. Recent Novae and unusual variables

GCVS	Nova	Coordinates, J2000		Type
V0890 Aur	FUor-Aur 0544+3330	05 ^h 44 ^m 52 ^s .26	+33°30′09″.6	FU
V1935 Cen	N Cen 2025	14 37 21.80	−58 47 40.8	NA
V0462 Lup	N Lup 2025	15 08 03.27	−40 08 35.1	NA
V4371 Oph	N Oph 2025	17 30 12.28	−27 53 49.3	NA
V7991 Sgr	N Sgr 2025 No. 1	18 26 54.52	−27 19 12.0	NA
V7992 Sgr	N Sgr 2025 No. 2	17 59 04.46	−36 01 07.7	NA
V7993 Sgr	N Sgr 2025 No. 3	18 02 21.67	−33 10 31.9	NA
V7994 Sgr	N Sgr 2025 No. 4	18 03 52.76	−31 27 26.6	N
V0694 Ser	N Ser 2025	18 38 58.47	−03 51 49.5	NA
V0572 Vel	N Vel 2025	10 25 13.88	−53 31 19.2	NA+UGSU: