

COMMISSIONS 27 AND 42 OF THE IAU
INFORMATION BULLETIN ON VARIABLE STARS

Number 4790

Konkoly Observatory
Budapest
3 November 1999

HU ISSN 0374 – 0676

PRECISE COORDINATES OF VARIABLE STARS (6)

T. KATO

Dept. of Astronomy, Faculty of Science, Kyoto University, Kyoto 606-8502 Japan
e-mail: tkato@kusastro.kyoto-u.ac.jp

This report contains 214 accurate J2000.0 positions for variable stars discovered by Hoffmeister (1968). The variable stars were identified against computer plots of GSC and USNO A1.0 catalogs. The color information and IRAS PSC identification were also examined in identifying red variables. The source of identification in column ‘Cat.’: G = GSC 1.1, GM = average of GSC 1.1 multiple entries, U = USNO A1.0, UM = average of USNO A1.0 multiple entries. The table has been sorted in the increasing order of J2000.0 right ascensions.

V567 Mon (S 10246), MT Pup (S 10269), V2030 Oph (S 10353), GU Sge (S 10369): Hoffmeister’s chart is distorted. Possible candidate is given.

V610 Her and V611 Her (S 10311 and S 10312): original charts were interchanged. Downes et al.’s (1997) position for V610 Her is slightly different from that of the possible USNO counterpart given in the table.

Detailed information of identifications, other catalog identifications are available from the VSNET archive (vsnet 1252–1254, 1256–1259, <http://www.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet/msg01252.html> etc.).

The author is grateful to the USNO PMM team for making USNO A1.0 CD-ROMs available to the author. This work is partly supported by the Grant-in-Aid for Scientific Research (10740095) of the Japanese Ministry of Education, Science, Culture, and Sports.

References:

- Downes, R., Webbink, R. F., Shara, M. M., 1997, *PASP*, **109**, 345
Hoffmeister, C., 1968, *Astron. Nach.*, **290**, 277

Table 1: Precise coordinates of variable stars

Desig.	R.A.	Decl.	Cat.	Desig.	R.A.	Decl.	Cat.
V372 Per	02 ^h 56 ^m 39 ^s .66	+37°08'23".5	U	V913 Ori	05 ^h 55 ^m 15 ^s .60	+15°09'32".2	UM
V432 Per	03 10 10.81	+42 52 09.0	G	MT Aur	05 57 26.94	+30 42 05.4	U
V373 Per	03 14 44.01	+42 22 52.1	G	MU Aur	05 57 45.39	+29 35 08.3	U
NSV 01226	03 41 26.70	+30 04 09.0	G	MV Aur	05 58 12.38	+30 29 19.4	G
OV Tau	03 46 06.26	+29 41 14.7	U	V914 Ori	06 00 19.14	+15 45 30.5	G
V377 Per	03 51 24.24	+36 15 28.5	G	V915 Ori	06 01 13.91	+16 33 24.3	G
NSV 01383	03 51 52.48	+30 25 24.9	G	LO Gem	06 04 11.69	+25 19 59.7	G
V379 Per	03 57 57.43	+31 22 36.9	G	LP Gem	06 05 05.12	+26 40 52.7	G
NSV 01473	04 08 48.01	+31 30 53.5	G	V538 Mon	06 24 16.04	+05 36 32.6	U
V381 Per	04 10 30.73	+32 56 17.4	U	V548 Mon	06 31 57.87	+05 16 12.0	U
NSV 01531	04 15 40.66	+35 31 58.6	G	LV Gem	06 33 54.08	+15 55 06.9	G
V674 Ori	05 17 13.44	+12 32 18.8	U	LW Gem	06 34 46.65	+12 58 37.6	U
NSV 01963	05 24 39.21	+08 36 28.8	G	NSV 03038	06 35 42.06	+02 08 58.2	U
NSV 01977	05 25 57.18	+04 50 40.7	GM	FG CMa	06 36 12.42	-19 52 13.7	G
V417 Tau	05 34 43.07	+18 32 18.1	U	NSV 03046	06 36 39.38	-16 59 34.8	GM
V743 Ori	05 34 58.38	+14 25 26.5	U	V558 Mon	06 36 39.89	+05 36 01.7	U
V769 Ori	05 35 35.09	+13 36 35.4	G	V559 Mon	06 37 36.52	+10 13 16.9	U
V418 Tau	05 35 44.57	+18 56 42.3	U	NSV 03057	06 38 24.54	-01 39 03.0	G
V809 Ori	05 36 21.19	+09 29 28.8	U	NSV 03070	06 39 08.92	-15 55 15.5	U
V877 Ori	05 39 17.31	+09 42 07.3	U	FI CMa	06 39 33.56	-13 27 16.4	U
V903 Ori	05 42 27.94	+10 24 35.4	G	LX Gem	06 40 05.00	+15 06 40.1	G
V419 Tau	05 42 47.97	+18 04 27.7	U	LY Gem	06 43 00.20	+17 58 45.9	U
NSV 02614	05 45 11.46	+19 10 42.7	G	LZ Gem	06 44 06.00	+14 32 22.9	U
NSV 02617	05 45 20.46	+19 07 52.3	G	NSV 03190	06 44 29.70	-02 32 31.1	GM
MO Aur	05 45 20.56	+31 54 31.5	U	MM Gem	06 45 27.48	+17 48 37.4	U
MP Aur	05 46 46.19	+31 42 40.2	U	MN Gem	06 46 10.75	+14 47 52.6	U
V420 Tau	05 47 35.04	+13 03 30.0	U	MO Gem	06 46 54.08	+11 55 59.7	G
V910 Ori	05 47 47.10	+07 53 13.2	U	V561 Mon	06 50 53.66	+05 37 26.0	U
V911 Ori	05 48 30.93	+08 27 06.7	U	V562 Mon	06 51 25.52	+08 33 48.6	G
V912 Ori	05 48 45.40	+10 17 10.7	U	MQ Gem	06 53 39.37	+15 19 55.0	U
MR Aur	05 51 33.68	+31 06 51.7	U	FK CMa	06 53 50.21	-13 44 15.7	U
NSV 02672	05 51 38.34	+15 08 24.1	GM	V563 Mon	06 53 53.85	+09 49 20.8	G
NSV 02686	05 52 35.47	+15 32 36.3	U	NSV 03270	06 54 27.92	-04 20 47.0	G
V423 Tau	05 52 49.06	+24 24 43.3	U	MS Gem	06 57 55.47	+15 46 01.5	U
NSV 02697	05 53 09.70	+16 04 23.4	U	V565 Mon	06 58 02.80	-07 56 42.0	GM
V424 Tau	05 54 52.13	+26 48 23.1	GM	MT Gem	06 58 21.40	+18 24 25.5	U

Table 1: cont.

Desig.	R.A.	Decl.	Cat.	Desig.	R.A.	Decl.	Cat.
MU Gem	06 ^h 59 ^m 24 ^s .19	+14°04′50″.8	G	NSV 03750	07 ^h 49 ^m 13 ^s .15	−17°43′21″.8	GM
FL CMa	07 00 02.92	−14 09 38.7	U	NSV 03751	07 49 21.83	−13 47 13.8	GM
MV Gem	07 00 53.33	+12 51 20.6	U	V576 Mon	07 52 47.86	−10 26 44.4	G
NSV 03336	07 01 03.98	−18 51 35.8	G	MU Pup	07 54 08.10	−16 47 29.6	GM
V567 Mon	07 01 56.94	−01 46 26.2	U	MT Pup	07 54 11.93	−14 39 17.1	U
NSV 03348	07 02 29.76	−15 39 20.3	G	MV Pup	07 54 22.02	−17 13 07.4	GM
MW Gem	07 02 51.99	+17 31 16.3	U	NSV 04369	09 04 48.59	+05 30 08.0	G
MX Gem	07 04 19.38	+15 35 24.4	U	DQ Vir	12 18 23.25	+05 30 41.1	G
MZ Gem	07 04 35.31	+10 42 13.3	U	DR Vir	12 21 42.48	+07 53 26.3	G
NN Gem	07 05 43.52	+17 12 35.0	G	DS Vir	12 27 26.97	+07 48 49.8	G
FO CMa	07 08 33.91	−16 28 13.1	U	V677 Her	16 08 04.19	+24 59 20.4	G
AV CMi	07 09 10.85	+12 11 18.9	GM	V678 Her	16 08 16.65	+24 42 13.7	G
FP CMa	07 10 12.23	−15 32 05.3	G	V586 Her	16 09 02.23	+17 23 17.0	U
V570 Mon	07 10 17.33	−01 56 00.9	U	V687 Her	16 14 21.61	+23 42 38.2	G
AW CMi	07 12 47.79	+08 33 08.4	U	V686 Her	16 14 23.27	+17 56 35.1	G
AX CMi	07 13 05.23	+08 44 11.2	GM	V691 Her	16 20 17.00	+17 45 47.6	G
NSV 03466	07 13 18.27	−14 34 47.2	GM	NSV 07670	16 21 58.28	+31 37 53.5	GM
AY CMi	07 13 54.48	+08 25 45.3	G	V589 Her	16 22 07.18	+19 22 36.6	U
NSV 03483	07 14 45.89	−17 29 51.4	U	V692 Her	16 22 18.17	+26 22 32.7	GM
NSV 03501	07 16 34.12	−15 42 13.2	G	V693 Her	16 23 24.39	+18 13 26.5	G
NSV 03519	07 18 04.75	−14 15 14.3	U	V590 Her	16 25 12.66	+33 33 07.9	G
V572 Mon	07 22 25.23	−03 39 01.0	U	V694 Her	16 25 32.26	+22 05 05.0	U
V573 Mon	07 26 58.58	−10 59 48.7	U	NSV 07786	16 30 25.03	+38 49 20.3	G
NSV 03603	07 28 18.92	−10 59 11.9	G	V593 Her	16 31 42.46	+18 12 38.1	U
MP Pup	07 31 08.49	−13 14 25.1	GM	V594 Her	16 32 21.36	+19 48 20.4	U
NSV 03627	07 31 59.35	−09 30 38.6	GM	V595 Her	16 32 27.74	+19 03 38.9	U
NSV 03630	07 32 02.78	−18 22 54.8	GM	V596 Her	16 32 34.20	+30 20 38.5	G
V574 Mon	07 34 14.52	−09 39 34.3	G	V704 Her	16 34 32.04	+22 45 40.4	U
NSV 03657	07 35 56.87	−18 45 03.0	GM	V598 Her	16 35 03.62	+18 52 40.5	U
NSV 03658	07 36 18.56	−12 58 02.4	U	NSV 07851	16 35 32.20	+34 04 35.2	G
NSV 03668	07 38 16.06	−16 34 17.9	U	NSV 07859	16 36 00.96	+36 30 25.9	G
MR Pup	07 39 25.26	−16 14 33.1	U	V706 Her	16 36 21.08	+23 02 32.9	G
MS Pup	07 41 45.83	−13 59 13.6	U	V601 Her	16 36 48.87	+24 10 03.2	G
NSV 03707	07 43 45.66	−11 54 19.8	G	V602 Her	16 38 40.43	+32 02 17.9	U
NSV 03709	07 44 12.86	−11 51 58.8	U	V603 Her	16 39 50.52	+19 46 40.3	G
V575 Mon	07 48 59.18	−11 02 28.4	U	V604 Her	16 40 05.85	+18 41 09.4	G

Table 1: cont.

Desig.	R.A.	Decl.	Cat.	Desig.	R.A.	Decl.	Cat.
V605 Her	16 ^h 40 ^m 41 ^s .81	+11°51'58"2	G	V625 Her	17 ^h 44 ^m 23 ^s .55	+15°46'29"2	U
V607 Her	16 40 54.50	+26 22 09.9	G	V2025 Oph	17 44 37.43	+11 09 03.1	U
NSV 07910	16 41 10.65	+08 51 06.2	GM	V2026 Oph	17 44 47.61	+13 06 24.7	U
NSV 07913	16 41 19.32	+08 28 01.6	GM	NSV 09676	17 46 44.02	+15 42 02.1	G
V608 Her	16 42 49.22	+23 31 48.5	U	V2027 Oph	17 47 43.10	+13 17 08.5	U
V610 Her	16 43 38.43	+22 31 30.2	U	V2028 Oph	17 48 24.26	+11 08 07.4	U
V612 Her	16 45 06.97	+09 02 34.1	G	NSV 09752	17 50 10.56	+09 02 35.0	G
NSV 07967	16 46 37.78	+39 03 25.8	G	NSV 09769	17 50 59.61	+09 44 38.1	G
V613 Her	16 48 21.00	+10 02 51.0	U	NSV 09804	17 52 41.90	+03 04 43.9	GM
V617 Her	16 49 32.59	+35 46 33.8	U	NSV 09845	17 54 29.51	+14 47 43.2	G
V615 Her	16 49 35.91	+05 45 59.9	G	V626 Her	17 54 37.73	+14 48 40.3	G
NSV 07980	16 50 13.06	+08 59 10.5	G	V2030 Oph	17 54 52.20	+02 28 26.5	U
V1122 Oph	16 53 44.99	+12 24 47.1	U	V665 Her	17 54 55.41	+17 01 29.5	GM
V1123 Oph	16 54 01.28	+08 57 15.1	U	V2031 Oph	17 56 14.29	+06 28 41.9	U
V1125 Oph	16 55 06.01	+11 33 02.3	G	V2033 Oph	17 57 37.80	+04 51 16.3	U
V1130 Oph	16 55 51.01	+10 49 40.8	U	NSV 09935	17 58 47.22	-02 05 22.2	GM
V618 Her	16 58 53.86	+34 28 58.6	G	NSV 10006	18 01 43.48	+07 23 05.0	G
NSV 08102	17 00 00.57	+11 51 08.5	G	NSV 10072	18 02 47.77	+07 54 00.8	U
NSV 08129	17 01 14.38	+30 04 08.2	G	V2035 Oph	18 04 54.90	+02 59 51.3	GM
NSV 08131	17 01 58.78	+06 55 28.2	G	V2036 Oph	18 08 39.37	+06 15 38.2	G
V1322 Oph	17 03 43.25	+11 51 55.8	U	V2037 Oph	18 11 53.32	+02 20 20.8	GM
NSV 08179	17 05 26.50	+14 13 58.3	G	V2038 Oph	18 13 14.47	+04 15 09.4	GM
NSV 08184	17 05 43.59	+06 25 41.6	G	FG Ser	18 15 07.06	-00 18 53.0	GM
V619 Her	17 06 21.19	+31 53 18.9	G	NSV 12411	19 47 29.33	+21 18 32.5	G
V1429 Oph	17 07 15.16	+05 15 08.2	GM	NSV 12442	19 49 26.98	+21 34 44.7	GM
V1600 Oph	17 11 41.48	+07 32 09.7	U	NSV 12457	19 50 21.85	+16 15 48.0	U
V621 Her	17 17 34.21	+16 35 26.4	U	GS Sge	19 53 12.98	+18 03 44.3	U
NSV 08529	17 19 48.55	+13 00 18.4	U	GT Sge	19 58 04.15	+16 51 04.8	U
NSV 08613	17 24 32.08	+15 53 38.5	G	GU Sge	19 59 04.88	+21 07 55.9	U
NSV 08639	17 25 41.31	+12 05 26.0	U	NSV 12748	20 03 31.35	+19 13 14.4	U
NSV 09102	17 31 26.30	+16 04 24.1	G	NSV 12752	20 03 51.13	+19 45 07.9	U
NSV 09152	17 33 04.52	+15 54 31.9	U	NSV 12779	20 05 47.47	+15 24 32.3	GM
NSV 09171	17 34 04.77	+14 45 14.7	U	GW Sge	20 06 59.31	+20 52 11.1	U
V2023 Oph	17 40 34.29	+11 44 41.1	U	NSV 12903	20 12 54.40	+18 13 32.3	U
NSV 09550	17 42 20.21	+10 20 03.8	G	NSV 12962	20 15 52.20	+23 30 59.0	GM