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**COORDINATES AND IDENTIFICATIONS
FOR SONNEBERG VARIABLES – III**

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The lists below give accurate coordinates for over 500 designated and suspected variables in several fields described by Hoffmeister (1964). The working methods were similar to previous lists (*e.g.* Skiff 1999), which involves comparing the source charts against computer-screen plots of the GSC or USNO–A2.0 star catalogues, with Digitized Sky Survey images, and making external bibliographic comparisons using the Strasbourg ‘VizieR’ utility and SIMBAD.

The tables are arranged as previously, divided by region as in Hoffmeister’s lists. A few additional known variables that appear in the finder charts are given for completeness. The Sonneberg serial number and the GCVS designations appear in the first two columns. An asterisk by the GCVS name indicates a note, which are collected at the end of the tables. The positions are taken mostly from USNO–A2.0 (Monet *et al.* 1998); for some brighter stars the GSC or ACT (Urban *et al.* 1998) was adopted, and for a few crowded stars positions have been estimated ($\pm 2''$) using large-scale Digitized Sky Survey frames from the Goddard SkyView facility (McGlynn *et al.* 1996). The source of the position is coded in column ‘s’ as follows: A = USNO–A2.0, G = GSC v1.2, S = SkyView, T = ACT.

I made the match-up with the GSC using ‘VizieR’, and found the various IDs in the Remarks and Notes using SIMBAD. The IDs are listed only if they are new, in the sense of being either not present or not linked in the same entry in SIMBAD.

A few stars defeated my attempts to identify them. Given that some of the stars I did find have positions several arcminutes in error, it is likely that these ‘lost’ ones have similar errors of some kind. The extremely crowded fields of Aquila and Sagitta made matching the finder charts with the sky a challenging task.

Table 1: North galactic pole fields – I

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8014	AR Leo	11 26 26.0	+23 48 39	A		
S 8015	AU Leo	11 30 14.3	+23 48 09	A		
S 8016	CP Leo	11 30 17.4	+23 49 27	A	1982-0626	
S 8017	AV Leo	11 31 10.6	+25 37 15	A		
S 8018	AW Leo	11 31 48.3	+16 56 53	A	1438-0727	
S 8019	BW Leo	11 32 16.5	+17 19 25	A	1438-1465	
S 8020	CQ Leo	11 34 56.1	+17 46 09	A	1438-0683	
S 8021	AZ Leo	11 36 51.8	+21 22 53	A		
S 8022	BB Leo	11 38 16.2	+23 33 59	A	1982-1872	
S 8023	BC Leo	11 38 36.0	+20 43 35	A		
S 8024	BD Leo	11 39 45.9	+15 47 41	A	1438-2727	
S 8025	BE Leo	11 40 16.8	+18 41 27	A		
S 8026	BY Leo	11 40 49.9	+19 55 44	A		
S 8027	BG Leo	11 41 46.3	+23 12 03	A	1982-1885	
S 8028	BH Leo	11 42 44.1	+24 06 22	A		
S 8029	BL Leo	11 45 38.4	+24 46 51	A	1985-0173	
S 8030	CR Leo	11 45 33.1	+16 50 06	A	1441-1286	
S 8031	CF Leo	11 46 32.6	+16 13 53	A	1441-1539	
S 8032	BM Leo	11 47 05.3	+24 41 08	A		
S 8033	BN Leo	11 48 03.3	+18 58 04	A	1443-0459	
S 8034	CS Leo	11 48 49.4	+22 44 45	A	1985-0823	
S 8035	CI Leo	11 49 33.8	+23 06 07	A	1985-0805	
S 8036	CT Leo	11 50 21.2	+21 36 19	A	1443-0771	
S 8037	CU Leo	11 51 17.6	+18 29 27	A	1441-0957	
S 8038	CV Leo	11 53 58.8	+20 29 24	T	1443-1364	BD+21°2373
S 8039	BQ Leo	11 53 44.2	+21 30 58	A	1443-2361	
S 8040	CK Leo	11 55 15.6	+24 04 55	A	1985-1255	
S 8041	CL Leo	11 55 17.2	+22 00 04	A		
S 8042	CM Leo	11 56 14.3	+21 15 31	A	1443-1180	BPS BS 16936-0048
S 8043	VY Com	11 59 03.8	+17 00 23	A	1441-2096	
S 8044	VZ Com	12 01 05.2	+22 12 56	A		
S 8045	NSV 5427	12 01 14.3	+17 23 05	A	1442-0287	
S 8046	WW Com	12 03 57.1	+22 28 10	A		
S 8047	WX Com	12 05 45.0	+22 01 22	A		
S 8048	WY Com	12 06 47.9	+16 17 11	A	1442-0959	
S 8049	XX Com	12 08 02.2	+16 10 49	A	1442-1072	
S 8050	XY Com	12 07 46.7	+21 37 42	A		= BX Com (S 8488)
S 8051	XZ Com	12 09 05.8	+23 45 16	A		
S 8052	YY Com	12 10 49.4	+20 17 41	A	1444-1238	
S 8053	CE Com	12 12 46.8	+21 00 24	A		
S 8054	SN 1963x*	12 13 03.3	+21 01 27	A	1444-0343	
S 8055	CH Com	12 13 47.1	+22 20 42	A		
S 8056	ZZ Com	12 16 17.3	+23 34 53	A		
S 8057	AA Com	12 16 10.1	+25 01 21	A		
S 8058	FN Com	12 19 06.5	+18 21 22	A	1445-1087	1RXS J121906.1+182119
S 8059	AE Com	12 23 41.2	+21 57 11	A		BPS BS 16933-0062
S 8060	DD Com	12 28 46.3	+21 43 34	A	1447-2002	
S 8061	AH Com	12 28 55.7	+16 45 03	A		BPS BS 16984-0003
S 8062	DG Com	12 30 10.1	+21 00 18	A	1447-2315	
S 8063	AN Com	12 35 43.5	+18 03 08	A		
S 8064	AQ Com	12 42 42.7	+21 52 18	A	1448-1046	
S 8065	AR Com	12 43 43.4	+16 57 15	A	1446-2242	

Table 1: North galactic pole fields – I (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8066	AT Com	12 45 40.3	+18 12 48	A		
S 8067	AV Com	12 46 58.6	+15 10 11	A		
S 8068	AY Com	12 51 12.8	+20 17 13	A		
S 8069	BE Com	12 58 02.6	+19 54 02	A		
S 8070	BF Com	13 02 13.6	+24 14 20	A	1993-1883	BPS BS 15622-0039
S 8071	FR Com	13 06 12.8	+21 11 16	A	1456-0487	
S 8072	BG Com	13 19 44.7	+18 18 26	A		
S 8073	FG Com	13 20 33.7	+22 26 55	A	1464-0265	
S 8074	BH Com	13 21 58.7	+16 42 19	A	1458-0217	BPS BS 16972-0032
S 8075	NSV 6214	13 22 55.4	+20 25 52	A	1464-0861	BD+21°2521
S 8076	FH Com	13 24 25.7	+16 00 07	A	1458-0958	
S 8077	FI Com	13 25 32.8	+16 49 44	A	1458-0227	
S 8078	BK Com	13 28 09.9	+20 13 34	A	1464-0992	
S 8079	BM Com	13 28 22.3	+15 50 08	A	1458-0916	
S 8080	BP Com	13 31 19.4	+22 54 32	A		
S 8081	BR Com	13 34 02.8	+18 24 48	A		
S 8082	BU Com	13 35 17.4	+20 30 49	A	1465-0339	
S 8083	AF Boo*	13 36 02.9	+21 29 33	A		
S 8084	AH Boo	13 36 54.7	+22 30 47	A	1998-0765	BPS BS 16467-0030
S 8085	AI Boo	13 38 09.4	+15 38 56	A	1459-0050	
S 8086	AL Boo	13 38 55.9	+18 42 42	A		
S 8087	AM Boo	13 38 54.5	+23 45 49	A	1998-0489	
S 8088	AN Boo	13 39 47.7	+15 35 34	A	1459-1004	
S 8089	BR Boo	13 40 38.0	+16 06 31	A	1459-0704	
S 8090	NSV 6439	13 46 48.4	+23 01 13	A	1999-0388	
S 8091	AQ Boo	13 47 26.9	+17 18 24	A	1460-0578	
S 8092	AT Boo	13 49 06.5	+16 22 22	A	1460-0333	
S 8093	AU Boo	13 49 43.6	+16 09 00	A		
S 8094	AV Boo	13 51 06.9	+17 39 06	A	1463-0611	
S 8095	AW Boo	13 51 28.5	+20 14 55	A		
S 8096	AX Boo	13 52 03.5	+18 33 40	A		
S 8097	AZ Boo	13 53 18.3	+15 28 34	A	1467-0984	

Table 2: γ Aquilae field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8099	NSV 12008	19 25 28.4	+11 23 40	A	1063-0905	
S 8100	V972 Aql	19 25 55.9	+7 11 55	A		
S 8101	NSV 12027	19 26 44.9	+9 27 37	A	1059-0123	
S 8102	V1302 Aql	19 26 48.1	+11 21 17	A	1063-2082	
S 8103	V973 Aql	19 27 12.7	+11 32 57	A		
S 8104	NSV 12059	19 28 24.4	+9 36 42	A	1059-1800	
S 8105	NSV 12075	19 29 11.9	+12 02 49	A		
S 8106	V974 Aql*	19 30 06.3	+7 40 08	S		
S 8107	V975 Aql	19 30 03.0	+11 16 28	A		
S 8108	NSV 12095	19 30 38.1	+7 21 08	A		
S 8109	V976 Aql	19 30 18.5	+11 23 36	A		
S 8110	V977 Aql*	19 31 17.6	+10 48 52	A		
S 8111	NSV 12110*	19 31 25.5	+10 10 45	S	1059-1032	
S 8112	V980 Aql*	19 32 28.4	+7 13 49	A		IRAS 19300+0707
S 8113	V982 Aql	19 33 24.3	+6 52 00	A		
S 8114	V1137 Aql*	19 33 01.8	+13 44 42	G	1068-2115	IRAS 19307+1338
S 8115	V983 Aql	19 33 46.0	+10 26 07	A		

Table 2: γ Aquilae field (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8116	V984 Aql	19 34 05.9	+11 34 03	A		
S 8117	NSV 12162	19 34 18.8	+5 53 13	A		LF 1 A 49
S 8118	V986 Aql	19 34 29.9	+6 08 15	S		IRAS 19320+0601
S 8119	NSV 12160	19 34 20.5	+10 06 49	A		
S 8120	V985 Aql	19 34 19.1	+10 47 27	A		
S 8121	V988 Aql					not found
S 8122	V987 Aql	19 34 22.5	+12 05 07	A		IRAS 19320+1158
S 8123	V989 Aql	19 34 54.9	+7 53 57	A		
S 8124	NSV 12177	19 35 00.8	+7 52 53	G	1056-3302	
S 8125	V991 Aql	19 35 34.9	+6 33 46	A		
S 8126	NSV 12182	19 35 23.5	+11 45 14	A	1064-1800	
S 8127	NSV 12187	19 35 38.4	+7 30 56	A		
S 8128	NSV 12192	19 36 06.6	+13 35 51	A		IRAS 19337+1329
S 8129	V994 Aql	19 36 33.1	+10 02 47	A		IRAS 19341+0956
S 8130	V996 Aql	19 37 22.1	+5 38 08	G	0490-2383	IRAS 19348+0531
S 8131	V995 Aql*	19 37 05.9	+10 34 22	G	1060-3308	IRAS 19347+1027
S 8132	V1371 Aql	19 37 18.1	+9 19 13	A		
S 8133	V998 Aql	19 37 04.7	+13 41 14	S		IRAS 19347+1334
S 8134	NSV 12225	19 37 59.6	+9 24 27	A	1060-0074	
S 8135	NSV 12230	19 38 16.0	+9 39 49	A		IRAS 19358+0932
S 8136	V1372 Aql	19 38 36.7	+8 24 41	A		crowded
S 8137	V1002 Aql	19 38 46.8	+5 07 04	A		
S 8138	V1001 Aql	19 38 44.2	+9 25 34	A		IRAS 19363+0918
S 8139	NSV 12244	19 38 47.9	+8 26 28	T	1056-0891	BD+08°4173
S 8140	V1003 Aql	19 39 07.7	+9 15 43	A		
S 8141	V1373 Aql	19 39 12.3	+13 37 49	A		
S 8142	V1005 Aql	19 39 41.3	+11 37 13	A		crowded
S 8143	NSV 12274*	19 40 05.5	+12 47 39	A		IRAS 19377+1240 ?
S 8144	V1374 Aql	19 41 25.5	+8 19 04	A	1057-0492	IRAS 19390+0811
S 8145	V1010 Aql	19 41 22.7	+9 36 38	A		
S 8146	V1375 Aql*	19 41 22.6	+13 13 53	A	1069-3650	IRAS 19390+1306
S 8147	V1380 Aql*	19 41 25.4	+14 53 55	A		IRAS 19390+1446
S 8148	V1011 Aql	19 41 33.7	+11 36 17	A		
S 8149	V1014 Aql	19 42 04.7	+6 33 46	A		
S 8150	V1381 Aql	19 42 06.0	+8 01 12	A	1057-0562	
S 8151	V1013 Aql	19 41 43.4	+14 30 38	A		
S 8152	V1382 Aql	19 42 18.8	+9 59 37	A	1061-1975	IRAS 19398+0952
S 8153	V1015 Aql	19 42 09.1	+13 46 23	A		
S 8154	V1383 Aql	19 42 41.1	+7 51 49	A		
S 8155	V1016 Aql	19 42 16.2	+11 37 36	A		IRAS 19399+1130
S 8156	NSV 12330	19 42 59.8	+6 43 03	A		
S 8157	V1019 Aql	19 42 28.3	+15 21 29	A		IRAS 19401+1514
S 8158	V1384 Aql	19 43 10.3	+6 39 45	A	0491-2277	IRAS 19407+0632
S 8159	V1020 Aql	19 43 29.9	+6 18 30	A		IRAS 19410+0611
S 8160	V1385 Aql					not found
S 8161	V1021 Aql	19 43 22.0	+12 19 13	A		IRAS 19410+1212
S 8162	V1023 Aql	19 43 46.0	+13 41 24	A		
S 8163	NSV 12357	19 44 23.2	+6 05 49	A	0491-1971	
	V665 Aql	19 44 18.1	+6 06 04	A		IRAS 19418+0558
S 8164	V1024 Aql	19 43 54.9	+15 23 23	A		
S 8165	V1025 Aql	19 44 16.8	+11 21 33	A		

Table 2: γ Aquilae field (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8166	V1027 Aql	19 44 27.4	+10 18 17	A		IRAS 19420+1010
S 8167	V1386 Aql	19 44 26.0	+13 46 58	A		
S 8168	V1026 Aql	19 44 09.0	+14 44 37	A		
	V462 Aql	19 44 17.6	+14 43 33	G	1069-1157	IRAS 19419+1436
S 8169	V1388 Aql	19 44 56.9	+8 01 30	A	1057-0986	
S 8170	V1387 Aql	19 44 32.2	+15 27 57	A	1615-2514	IRAS 19422+1520
S 8171	V1030 Aql	19 45 54.9	+14 29 52	A		
S 8172	V1389 Aql	19 46 10.3	+11 49 25	A	1065-2974	IRAS 19438+1142
S 8173	V1390 Aql	19 46 45.4	+6 23 58	A	0492-0034	IRAS 19443+0616
S 8174	V1033 Aql	19 46 44.8	+14 21 57	A		
S 8175	V1034 Aql	19 47 16.1	+7 46 32	A		
S 8176	V1035 Aql	19 47 29.3	+8 59 43	A		
S 8177	V1391 Aql	19 47 42.3	+12 34 13	A		
S 8178	V1036 Aql	19 47 55.2	+15 07 31	A		
S 8179	V1037 Aql	19 48 42.2	+14 48 08	A		IRAS 19463+1440
S 8180	V1038 Aql	19 49 27.8	+10 08 17	A		IRAS 19470+1000
S 8181	V1393 Aql	19 49 56.0	+7 12 03	A	0492-1999	IRAS 19474+0704
S 8182	V1392 Aql	19 49 48.9	+8 04 31	A	1058-0052	IRAS 19473+0756
S 8183	V1040 Aql	19 50 01.6	+9 49 44	A		
S 8184	V1042 Aql	19 50 01.6	+14 12 23	A		
S 8185	V1041 Aql	19 49 56.9	+14 41 58	A	1070-1029	
S 8186	V1394 Aql	19 50 04.3	+14 51 57	A		
S 8187	V1043 Aql	19 50 19.7	+12 05 40	A		IRAS 19479+1157
S 8188	V1395 Aql	19 50 29.1	+14 15 01	A		IRAS 19481+1407
S 8189	V1396 Aql	19 51 07.9	+11 56 31	A	1066-1227	
S 8190	V1044 Aql	19 51 15.0	+12 54 37	S		
S 8191	V1047 Aql	19 51 31.1	+10 57 22	A		
S 8192	V1049 Aql	19 51 51.1	+8 33 13	A		
S 8193	V1048 Aql	19 51 33.4	+10 46 33	A		
S 8194	V1050 Aql*	19 51 43.2	+10 51 14	A		IRAS 19493+1043
S 8195	V1052 Aql	19 52 16.8	+6 02 59	A	0492-1846	IRAS 19498+0555
S 8196	V1055 Aql	19 52 28.7	+6 56 02	A		
S 8197	V1397 Aql	19 52 12.3	+11 33 57	A	1066-1132	IRAS 19498+1126
S 8198	V1056 Aql	19 52 14.8	+14 10 27	A		
S 8199	V1398 Aql*	19 52 15.0	+14 30 39	A	1070-1537	IRAS 19499+1422
S 8200	NSV 12510	19 52 54.1	+6 40 55	A	0493-0997	
S 8201	V1057 Aql	19 52 49.9	+11 22 12	A		
S 8202	NSV 12507	19 52 39.1	+14 15 55	A		
S 8203	NSV 12506	19 52 36.8	+15 05 55	A		
S 8204	V1058 Aql	19 53 03.1	+13 13 58	A		
S 8205	V1399 Aql	19 53 13.0	+12 33 09	A		
S 8206	V1059 Aql	19 53 49.6	+6 45 05	A		southeastern of pair
S 8207	NSV 12533	19 54 23.2	+5 43 05	A	0493-0066	
S 8208	V1062 Aql	19 54 33.6	+5 40 59	A	0493-0476	IRAS 19520+0533
S 8209	V1061 Aql	19 54 20.8	+7 01 31	A		
S 8210	V1063 Aql	19 54 33.1	+6 21 57	A		
S 8211	V1400 Aql	19 54 24.5	+14 32 30	A	1070-3932	
S 8212	NSV 12553	19 54 53.4	+15 17 40	A		southern of pair
S 8213	V1065 Aql					not found
S 8214	NSV 12572	19 55 42.9	+14 30 11	A		
	V498 Aql	19 55 54.1	+14 30 15	A		IRAS 19535+1422
S 8215	V1066 Aql	19 56 28.3	+9 02 32	S		

Table 2: γ Aquilae field (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8216	NSV 12587	19 56 47.6	+9 53 32	T	1075-3110	
S 8217	NSV 12584	19 56 39.5	+14 58 46	A	1083-1847	IRAS 19543+1450
S 8218	V1068 Aql	19 57 18.8	+7 20 15	A		
S 8219	NSV 12605	19 57 24.5	+14 27 49	G	1083-2225	crowded
S 8220	V1070 Aql	19 58 23.0	+8 14 25	A		southern of two
S 8221	NSV 12624	19 58 10.0	+10 47 07	S		IRAS 19557+1038
S 8222	V1071 Aql	19 59 19.9	+9 40 56	A		crowded, ID uncertain
S 8223	V1072 Aql	19 59 10.3	+14 49 07	A		southwestern of pair
S 8224	V1073 Aql	19 59 27.9	+12 12 49	A		
S 8225	V1074 Aql	19 59 37.4	+11 57 27	A		
S 8226	NSV 12667	20 00 12.1	+8 49 43	A		
S 8227	NSV 12686	20 01 15.3	+8 54 40	A		
S 8228	V1409 Aql	20 01 32.9	+5 47 33	A	0506-1396	
S 8229	V1077 Aql	20 01 44.7	+9 54 14	A		
S 8230	NSV 12707	20 01 43.7	+10 20 00	A		
S 8231	V1078 Aql	20 01 57.0	+9 37 43	A		IRAS 19595+0929
S 8232	V1410 Aql	20 01 58.4	+11 46 06	A	1079-3413	
S 8233	V1079 Aql	20 01 49.1	+14 29 06	A		
S 8234	V1411 Aql	20 01 59.2	+13 49 02	A		
S 8235	V1081 Aql	20 02 38.7	+9 03 45	A		
S 8236	V1080 Aql	20 02 27.7	+9 59 12	A		
S 8237	NSV 12724	20 02 13.3	+11 44 38	A		
S 8238	V1083 Aql	20 02 55.0	+10 13 13	A		
S 8239	V1082 Aql	20 02 35.4	+14 24 35	A	1084-2008	
S 8240	NSV 12747	20 03 38.5	+14 23 59	A		
S 8241	V1087 Aql	20 04 36.9	+11 39 55	A		
	V774 Aql	20 04 43.4	+11 41 27	A	1080-1097	IRAS 20023+1132
S 8242	V1088 Aql	20 04 44.7	+11 53 00	A	1080-2270	
S 8243	V1089 Aql	20 04 59.7	+10 36 50	A		
S 8244	NSV 12775	20 05 16.6	+11 52 09	A		
S 8245	V1091 Aql	20 05 44.7	+13 17 05	A		IRAS 20033+1308
S 8246	V1092 Aql	20 06 27.4	+13 59 45	A		IRAS 20041+1350

Table 3: 62 Aquilae field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8247	V1028 Aql	19 45 45.3	-0 58 03	A		
S 8248	V1031 Aql	19 46 36.2	-3 59 07	A		
S 8249	V1032 Aql	19 46 45.2	-4 00 17	A		
S 8250	V1039 Aql	19 49 57.6	+1 11 04	A		
S 8251	NSV 12448	19 50 12.6	-1 07 46	A	5146-0910	IRAS 19476-0115
S 8252	NSV 12551	19 55 12.4	-4 25 47	A		
S 8253	NSV 12550	19 55 02.9	-0 29 01	A	5147-0575	IRAS 19524-0037
S 8254	NSV 12579	19 56 28.7	-1 47 23	A	5147-1939	IRAS 19538-0155
S 8255	V1327 Aql	19 56 19.0	+1 46 44	A		
S 8256	V1069 Aql*	19 57 18.5	+3 34 32	A	0485-0462	double
S 8257	NSV 12694	20 01 34.2	+2 10 52	A	0498-2133	
S 8258	NSV 12704	20 01 57.8	-3 42 39	A		
S 8259	V1076 Aql	20 02 02.8	-0 37 54	A		
S 8260	V1084 Aql	20 03 43.5	+0 53 38	A		

Table 3: 62 Aquilae field (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8261	V1085 Aql	20 03 45.8	+3 03 20	A		
S 8262	V1090 Aql	20 05 58.5	+3 23 58	A		
S 8263	NSV 12803	20 06 55.0	-0 12 08	A	5160-1924	
S 8264	V1093 Aql	20 07 05.2	+0 10 23	A		
S 8265	NSV 12833	20 09 01.7	+2 19 52	A	0499-2148	
S 8266	NSV 12841	20 09 38.7	-5 28 08	A	5169-1699	CGCS 4689
S 8267	NSV 12858	20 10 40.2	+3 34 21	A	0499-1384	
S 8268	V1099 Aql	20 12 27.7	-0 41 12	A		
S 8269	NSV 12898	20 13 01.7	-0 43 15	A	5161-0284	PPM 708235
S 8270	V1100 Aql	20 13 26.7	-1 54 12	A		
S 8271	V1102 Aql	20 15 04.0	-1 56 28	A	5166-1326	
S 8272	NSV 13018	20 20 35.7	-0 47 50	A	5162-1012	
S 8273	NSV 13035	20 21 48.8	-0 52 28	A	5162-1356	
S 8274	V865 Aql	20 23 54.6	+0 56 45	H	0497-0974	

Table 4: NGC 188 field – I

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8275	GV Cep	23 51 40.0	+84 20 42	A		
S 8276	NSV 14753	23 53 49.1	+85 51 10	A		
S 8277	EN Cep	0 24 41.1	+83 26 19	A		
S 8278	EQ Cep	0 47 33.5	+85 16 24	A		
S 8279	ER Cep	0 50 27.8	+85 15 09	A		
S 8280	ES Cep	0 50 50.7	+85 16 13	A		
S 8281	ET Cep	1 02 23.0	+85 23 49	A		
S 8282	NSV 395	1 08 12.9	+84 38 06	A		
S 8283	EV Cep					not found
S 8284	EW Cep					not found

Table 5: β Delphini field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8285	KR Del	20 23 05.9	+11 36 30	A		IRAS 20207+1126
S 8286	KS Del	20 23 06.9	+16 06 28	A		
S 8287	GH Del	20 23 48.3	+13 58 31	A		
S 8288	KT Del	20 25 45.3	+15 47 12	A	1632-0985	IRAS 20234+1537
S 8289	KU Del	20 26 20.7	+11 30 20	A	1095-0088	
S 8290	KV Del	20 27 22.9	+12 10 34	A		
S 8291	GI Del	20 30 20.9	+12 40 40	A		
S 8292	FK Del	20 30 42.7	+12 17 57	A		
S 8293	GK Del	20 33 25.0	+13 41 29	A		
S 8294	GL Del	20 34 34.9	+11 33 49	A		
S 8295	KX Del*	20 36 42.6	+12 29 47	A	1096-1258	IRAS 20343+1219
S 8296	HW Del	20 39 31.1	+16 13 08	A		
S 8297	GM Del	20 39 54.3	+16 30 15	A		
S 8298	GN Del	20 40 14.4	+15 51 24	A		
S 8299	GO Del	20 40 44.0	+14 09 54	A		
S 8300	GP Del	20 40 55.9	+14 39 35	A		

Table 5: β Delphini field (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8301	HY Del	20 42 54.9	+17 44 32	A	1638-0396	
S 8302	GQ Del	20 43 51.2	+16 12 36	A		
S 8303	GR Del	20 45 52.2	+15 26 53	A		
S 8304	GS Del	20 46 43.1	+15 01 19	A		
S 8305	GT Del	20 47 13.0	+19 31 43	A	1642-2794	
S 8306	LM Del	20 48 57.9	+14 54 26	A		
S 8307	GV Del	20 50 31.6	+12 37 31	A		
S 8308	GX Del	20 56 29.1	+17 52 51	A		

Table 6: NGC 7789 field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8309	NSV 14695	23 45 23.8	+57 53 59	A		
S 8310	NSV 14741	23 53 36.2	+56 06 04	A		

Table 7: γ Sagittae field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8311	V1007 Aql	19 39 47.6	+16 11 25	A		
S 8312	DN Sge	19 40 16.7	+18 07 25	A		ID uncertain
S 8313	FX Vul	19 41 30.8	+24 07 44	A		IRAS 19394+2400
S 8314	UU Sge*	19 42 10.3	+17 05 16	A		PN G053.8-03.0
S 8315	MO Vul	19 42 39.9	+19 52 59	A	1080-2270	
S 8316	DO Sge	19 43 09.6	+17 35 08	A		
S 8317	GK Vul	19 43 58.9	+24 09 42	A	2139-0720	IRAS 19418+2402
S 8318	GL Vul	19 44 56.8	+20 12 17	A		
S 8319	DQ Sge	19 45 05.6	+16 40 06	A		southwestern of pair
S 8320	V1029 Aql	19 45 26.9	+15 54 42	A		IRAS 19431+1547
S 8321	QW Sge*	19 45 49.6	+18 36 50	G	1619-1911	
S 8322	GS Vul	19 48 26.5	+21 32 15	A		
S 8323	NSV 12435	19 49 13.5	+14 39 37	A	1070-1982	
S 8324	NSV 12428	19 48 51.7	+23 08 12	A	2140-2761	IRAS 19467+2300
S 8325	GT Vul	19 48 54.9	+20 56 08	A		
S 8326	NSV 12441	19 49 26.6	+18 51 24	T	1623-0866	HD 350668
S 8327	NSV 12447	19 49 50.4	+16 46 43	A		IRAS 19475+1639
S 8328	NSV 12451	19 50 03.1	+16 50 13	A		
S 8329	GW Vul	19 51 37.2	+20 28 58	C		
S 8330	GZ Vul	19 52 20.1	+19 54 02	A		
S 8331	NSV 12538	19 54 17.7	+16 29 17	A		
S 8332	NSV 12555	19 55 06.5	+15 39 26	A	1616-1912	IRAS 19528+1531
S 8333	HM Vul	19 55 39.3	+23 25 08	S		
S 8334	HN Vul	19 55 53.2	+22 05 47	A		
S 8335	NSV 12581	19 56 29.5	+17 19 00	A		
	AS Sge	19 56 38.7	+17 19 40	S		
S 8336	V1067 Aql	19 56 49.7	+15 39 12	A		
S 8337	DZ Sge	19 57 02.0	+16 06 45	A		double
S 8338	NSV 12588	19 56 35.1	+23 20 40	A	2140-2615	
S 8339	NSV 12596	19 57 05.1	+17 05 09	A		
S 8340	EF Sge	19 57 18.8	+17 45 54	A		

Table 7: γ Sagittae field (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8341	EE Sge	19 57 20.2	+18 20 27	S		not NSV 12602
S 8342	NSV 12604	19 57 10.5	+23 03 24	A	2140-0051	
S 8343	EG Sge	19 57 58.6	+17 06 30	A	1620-2241	
S 8344	HO Vul	19 58 53.5	+24 23 43	A	2145-0344	
S 8345	EK Sge	20 00 27.3	+20 02 52	A		
S 8346	EN Sge	20 03 04.1	+16 12 04	A		
S 8347	EO Sge	20 03 03.4	+17 26 23	A		
S 8348	NSV 12742	20 03 29.3	+21 05 12	A		
S 8349	V1086 Aql*	20 04 09.4	+14 42 34	G	1084-2217	
S 8350	NSV 12755	20 03 49.7	+17 24 32	A		
S 8351	HT Vul	20 03 54.7	+22 36 54	A		
S 8352	NSV 12763	20 04 30.2	+21 13 57	A		
S 8353	EP Sge	20 04 51.7	+17 28 02	A	1621-0519	
S 8354	EQ Sge	20 04 51.7	+16 45 37	A	1617-0728	southern of close pair
S 8355	EX Vul	20 04 47.5	+22 19 22	A	1629-3369	
S 8356	HV Vul	20 05 26.6	+22 13 22	A		
S 8357	HU Vul	20 05 27.2	+22 25 03	A		
S 8358	NSV 12793	20 06 04.1	+17 13 47	A		
S 8359	NSV 12810	20 07 23.7	+21 33 13	A	1629-0316	
S 8360	NSV 12813	20 07 24.1	+19 43 50	A		
S 8361	ET Sge*	20 09 06.3	+17 43 38	A		
S 8362	NSV 12845	20 09 35.4	+17 34 45	A	1622-1106	
S 8364	EV Sge	20 10 05.4	+19 18 34	A	1626-1486	crowded
S 8365	V1098 Aql	20 10 49.0	+15 07 46	S		IRAS 20085+1458
S 8366	EW Sge	20 10 52.6	+16 18 04	A		
S 8367	EY Sge	20 10 54.2	+21 26 59	A		
S 8368	HZ Vul	20 12 26.7	+22 02 38	A		
S 8369	FK Sge	20 13 15.5	+16 38 04	A		
S 8370	FQ Sge	20 15 24.4	+18 44 06	A		
S 8371	II Vul	20 15 52.1	+22 15 04	A	1630-2808	
S 8372	FR Sge	20 15 57.9	+19 22 08	A		
S 8373	NSV 12971	20 16 53.9	+16 55 26	A		
S 8374	NSV 12991	20 18 46.6	+17 53 37	A	1635-0729	

Table 8: ρ Cygni field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8375	NSV 13542	21 06 19.5	+46 48 49	A		
S 8376	V1551 Cyg	21 07 29.8	+46 19 20	A	3588-2883	
S 8377	V1663 Cyg	21 08 43.0	+46 32 20	A	3588-7238	IRAS 21069+4620
S 8378	V1552 Cyg	21 09 37.2	+43 22 45	A	3180-2482	
S 8379	V1063 Cyg	21 10 09.6	+48 42 58	A		
S 8380	V1064 Cyg	21 10 04.7	+48 36 33	A		
S 8381	V1480 Cyg	21 13 24.9	+44 01 25	A		
S 8382	V1066 Cyg	21 17 03.3	+44 00 29	A	3181-5418	
S 8383	V1332 Cyg	21 17 13.4	+44 54 51	A	3181-1481	IRAS 21153+4442
S 8384	V1067 Cyg	21 18 48.3	+41 00 01	A		
S 8385	V1069 Cyg	21 21 10.4	+40 54 58	A		
S 8386	V1071 Cyg	21 22 50.5	+42 21 22	A		
S 8387	V1072 Cyg	21 22 40.2	+46 53 56	A		
S 8388	V1336 Cyg	21 23 48.5	+45 29 23	A		not IRAS 21219+4516 ?
S 8389	V1562 Cyg	21 24 34.0	+42 59 59	A		
S 8390	V1074 Cyg	21 26 18.2	+42 08 01	A		

Table 8: ρ Cygni field (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8391	NSV 13722	21 27 14.0	+42 57 42	A		
S 8392	V1565 Cyg	21 27 32.3	+42 41 31	A		IRAS 21256+4228
S 8393	V1075 Cyg	21 29 18.4	+42 19 18	A		
S 8394	V1076 Cyg	21 29 12.7	+47 52 53	A		Cl* NGC 7092 PLAT 1357
S 8395	V1078 Cyg	21 29 21.6	+47 49 43	A		southern of pair
S 8396	V1077 Cyg	21 29 23.1	+49 06 36	A	3598-0815	Cl* NGC 7092 PLAT 1588
S 8397	V1079 Cyg	21 30 03.5	+46 47 57	A		
S 8398	V1080 Cyg	21 34 27.3	+42 59 32	A		
S 8399	V1567 Cyg*	21 34 41.7	+42 00 33	A		IRAS 21327+4147
S 8400	V1081 Cyg	21 34 15.8	+49 11 26	A		
S 8401	V1082 Cyg	21 37 03.7	+43 21 17	A	3195-0834	
S 8402	V1084 Cyg	21 37 51.6	+47 36 47	A		
S 8403	V1085 Cyg	21 38 27.3	+47 40 16	A		
S 8404	V1569 Cyg	21 39 50.2	+42 15 05	A		
S 8405	V1086 Cyg	21 40 15.8	+47 59 22	A		
S 8406	NSV 13849	21 41 54.3	+45 30 02	A		
S 8407	V1087 Cyg	21 42 10.1	+46 10 39	A		
S 8408	V1573 Cyg	21 42 28.1	+43 15 58	A		
S 8409	V1574 Cyg*	21 43 22.0	+48 55 34	A	3599-1997	IRAS 21415+4841
S 8410	V1340 Cyg	21 43 49.1	+45 46 14	A		IRAS 21419+4532
S 8411	V1089 Cyg	21 44 17.5	+47 54 52	A		
S 8412	V1091 Cyg	21 45 59.5	+44 25 00	A		IRAS 21440+4411
S 8413	V1575 Cyg	21 50 16.4	+47 59 21	A		
S 8414	V1092 Cyg	21 50 51.2	+47 48 13	A		IRAS 21489+4734
S 8415	V1576 Cyg	21 51 59.6	+49 17 34	A		
S 8416	NSV 13922	21 52 58.2	+44 00 55	A	3197-1023	
S 8417	V1093 Cyg	21 53 29.3	+44 05 05	A	3197-0543	
S 8418	V1094 Cyg	21 54 29.8	+44 49 14	A		
S 8419	V1096 Cyg	21 55 52.2	+41 35 47	A		
S 8420	V1095 Cyg	21 55 42.0	+47 20 02	A		
S 8421	V1097 Cyg	21 56 58.8	+45 21 54	A		
S 8422	V1098 Cyg	21 57 42.9	+46 46 38	A		
S 8423	V1099 Cyg	21 57 44.5	+45 54 23	A		
S 8424	V1100 Cyg	21 58 36.5	+45 18 43	A		
S 8425	NSV 13990	21 59 23.9	+43 53 22	A	3197-0357	
S 8426	FU Lac	22 00 26.8	+43 51 20	A		
S 8427	V351 Lac	22 00 48.2	+42 30 43	A	3206-0663	
S 8428	V352 Lac	22 01 11.7	+43 07 33	A	3210-1466	
S 8429	V1101 Cyg	22 02 00.5	+48 03 26	A		

Table 9: ρ Puppis field – I

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8430	HQ Pup	7 50 44.1	-22 41 51	G	6553-0141	
S 8431	NSV 3819	7 56 03.1	-21 57 03	A	5994-0168	IRAS 07538-2149
S 8432	NSV 3842	7 59 12.2	-26 41 57	A	6562-0429	
S 8433	NSV 3849	7 59 42.1	-20 53 27	A	5994-3338	
S 8434	HX Pup	8 00 26.0	-27 12 31	A	6562-2846	
S 8435	HY Pup	8 02 13.6	-23 35 42	A		
S 8436	NSV 3868	8 02 06.9	-26 12 52	A	6558-3172	
S 8437	NSV 3875	8 03 01.5	-24 16 33	G	6554-1861	
S 8438	HZ Pup	8 03 22.9	-28 28 29	A		Nova Pup 1963
S 8439	II Pup	8 03 25.7	-27 55 26	A		IRAS 08013-2746
S 8440	FG Pup	8 04 31.7	-24 02 54	A	6554-0963	

Table 9: ρ Puppis field – I (cont'd.)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8441	IP Pup	8 07 43.1	-23 16 55	A		
S 8442	NSV 3919	8 08 20.5	-23 18 34	A		
S 8443	IQ Pup	8 11 28.3	-21 19 15	A		
S 8444	LZ Pup	8 12 10.9	-23 43 49	A		
S 8445	IS Pup	8 11 58.8	-28 15 36	A		
S 8446	NSV 3955	8 14 04.4	-27 42 01	A	6564-0405	
S 8447	NSV 3961	8 14 26.6	-25 51 41	A	6560-4892	
S 8448	IW Pup	8 18 06.0	-26 33 02	A		
S 8449	NSV 4038	8 22 07.3	-21 15 31	A	6009-4253	IRAS 08199-2105
S 8450	NSV 4054	8 23 34.9	-21 57 49	A	6009-5581	IRAS 08213-2148
S 8451	NSV 4065	8 25 08.3	-23 58 27	A	6569-0930	IRAS 08229-2348

Table 10: ϕ Cassiopeiae field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8452	V383 Cas*	0 43 43.5	+62 00 09	A		
S 8453	NSV 274	0 44 17.0	+60 42 20	A	4016-0347	IRAS 00413+6025
S 8454	V386 Cas	0 59 11.3	+55 57 20	A	3672-1961	
S 8455	V387 Cas	1 00 31.8	+58 41 46	A	3680-1475	
S 8456	V456 Cas	1 06 18.1	+54 03 24	A	3668-1863	IRAS 01033+5347
S 8457	V467 Cas	1 22 16.3	+57 23 06	A	3678-1023	IRAS 01191+5707
S 8458	V390 Cas	1 28 37.2	+62 16 38	A	4035-2349	IRAS 01252+6201
S 8459	V473 Cas	1 32 18.2	+56 29 58	A	3678-0712	
S 8460	V472 Cas	1 33 32.0	+60 32 48	A	4031-0602	IRAS 01301+6017
S 8461	V473 Cas	1 34 52.4	+56 39 09	A	3679-1417	
S 8462	V349 Per	1 36 29.2	+53 49 26	A	3671-1906	
S 8463	KU Per	1 50 43.6	+54 51 23	A		
S 8464	V394 Cas	2 02 02.1	+62 41 31	A	4037-1145	

Table 11: NGC 2158 field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8465	HL Gem	6 02 10.4	+22 58 12	A		
S 8466	HM Gem	6 03 08.8	+25 14 48	A		
S 8467	HN Gem	6 05 56.5	+24 20 20	A		
S 8468	HO Gem	6 07 30.6	+24 42 14	A		
S 8469	HP Gem	6 11 46.9	+24 51 37	A		
S 8470	HQ Gem	6 12 04.5	+25 28 33	A		
S 8471	HS Gem	6 15 23.6	+23 49 54	A		
S 8472	HT Gem	6 15 44.7	+24 00 51	A		
S 8473	NSV 2889	6 16 12.8	+25 39 56	A		

Table 12: NGC 188 field – II

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8474	EP Cep	0 46 54.2	+85 21 44	A		
S 8475	EU Cep	1 20 52.0	+84 54 06	A		

Table 13: Perseus/Auriga ($4^{\text{h}}35^{\text{m}} +40^{\circ}$)

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8476	NV Per	4 19 36.0	+35 05 45	A	2379-1645	
S 8477	NW Per	4 22 21.4	+41 47 39	A	2887-0329	IRAS 04188+4140
S 8478	OP Per	4 30 02.4	+42 56 38	A		
S 8479	NSV 1707	4 45 18.7	+35 58 15	A	2386-0814	IRAS 04419+3552
S 8480	HV Aur	4 53 16.8	+38 16 38	A		
S 8481	NSV 1753	4 53 40.1	+37 18 44	A	2399-0737	IRAS 04503+3713

Table 14: North galactic pole fields – II

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8482	NSV 5287*	11 40 14.6	+16 58 16	A		
S 8483	BF Leo	11 41 12.4	+21 17 52	A		
S 8484	BZ Leo	11 42 18.5	+22 46 46	A		
S 8585	BK Leo	11 44 28.8	+21 36 33	A		
S 8486	BR Leo	11 54 17.8	+15 59 21	A		
S 8487	NSV 5464	12 07 19.4	+22 44 54	A	1986-1864	
S 8488	BX Com	12 07 46.7	+21 37 42	A		= XY Com (S 8050)
S 8489	CC Com	12 12 06.2	+22 31 58	G	1986-2106	1RXS J121205.5+223207
S 8490	YZ Com	12 13 07.6	+21 56 50	A		
S 8491	AB Com	12 18 46.7	+23 38 43	A	1989-0857	
S 8492	DF Com	12 29 12.6	+20 04 55	A	1447-2048	double
S 8493	DY Com	12 44 41.3	+17 22 13	A		
S 8494	AS Com	12 45 23.6	+16 40 53	A		
S 8495	AU Com	12 45 57.6	+19 50 16	A		
S 8496	AZ Com	12 53 50.1	+22 18 40	A	1455-0265	
S 8497	BI Com	13 22 44.7	+23 40 43	A		
S 8498	BN Com*	13 29 08.3	+17 19 02	A		
S 8499	AK Boo	13 38 39.2	+24 11 05	A		
S 8500	BS Boo	13 41 43.0	+23 35 01	A		
S 8501	BV Boo	13 42 03.9	+22 54 50	A	1998-1020	
S 8502		13 42 26.8	+28 11 13	A	2004-1535	CI* NGC 5272 SAW V113
S 8503	AO Boo	13 44 28.5	+22 17 21	A		
S 8504	BB Boo	13 53 37.6	+21 50 47	A		
S 8505	BE Boo	13 55 38.4	+17 52 53	A	1470-0441	
S 8506	BU Boo	14 01 42.6	+22 30 16	A	2006-0750	

Table 15: ρ Puppis field – II

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8507	HT Pup	7 53 58.4	-26 14 36	A		
S 8508	NSV 3807	7 54 32.3	-23 50 20	A	6553-2103	IRAS 07524-2342
S 8509	NSV 3821	7 56 17.3	-23 27 04	A		
S 8510	IL Pup	8 04 26.1	-20 53 22	G	6007-2906	
S 8511	IO Pup	8 06 57.9	-25 49 08	A	6559-0238	
S 8512	NSV 3910	8 07 37.0	-19 47 05	A	6003-0283	IRAS 08054-1938
S 8513	NSV 3944	8 12 47.2	-26 45 08	A	6563-2205	IRAS 08107-2636
S 8514	NSV 3964*	8 14 59.2	-21 56 24	A	6008-0356	IRAS 08127-2147
S 8515	NSV 3972	8 15 54.6	-22 58 24	A	6556-0649	IRAS 08137-2249
S 8516	NSV 4001	8 19 02.3	-25 19 15	A		
S 8517	NSV 4042	8 22 19.6	-20 09 39	A	6005-4164	
S 8518	NSV 4050	8 23 28.4	-21 09 16	G	6009-3746	
S 8519	NSV 4055	8 23 38.9	-21 09 02	G	6009-2857	
S 8520	KK Pup	8 23 54.4	-28 36 36	A	6581-2102	
S 8521	KL Pup	8 24 23.3	-23 21 10	A		
S 8522	NSV 4097	8 28 36.4	-24 49 30	A	6573-4492	
S 8523	TW Pyx	8 28 42.5	-25 37 41	A	6573-2741	

Table 16: AE Aurigae field

Sonne.	GCVS	RA (2000)	Dec	s	GSC	Remarks
S 8524	EW Aur	4 51 24.8	+38 11 19	A	2894-2717	
S 8525	IK Aur	5 08 13.2	+33 47 52	A		
S 8526	IL Aur	5 14 09.1	+37 14 45	A	2401-0273	
S 8527	IO Aur	5 15 51.4	+38 34 37	A	2896-1572	
S 8528	IP Aur	5 17 30.2	+36 59 48	A		
S 8529	IR Aur*	5 21 52.1	+39 14 11	A		
S 8530	NSV 1943	5 22 00.6	+32 53 53	A		IRAS 05187+3251
S 8531	NSV 1983	5 26 52.4	+34 47 15	A		
S 8532	IT Aur	5 27 38.2	+32 12 33	A		
S 8533	IV Aur	5 30 49.8	+35 54 45	A		
S 8534	IW Aur	5 32 35.1	+33 21 54	A	2407-2050	

Notes:

- V974 Aql faint on POSS-I, bright on POSS-II.
V977 Aql ID uncertain, alternate candidate at end-figures 16^s8/56^{''}.
V980 Aql crowded.
V995 Aql GSC position offset in Dec from crowding.
V1050 Aql southwestern star of pair; evidently *not* a dwarf nova, but a Mira, *cf.* Gessner (1984, 1986).
V1069 Aql GCVS4.1 position 8' in error.
V1086 Aql double, Hoffmeister suggests variable is the southeastern component.
V1137 Aql = NSV 12135.
V1375 Aql GSC/A2.0 positions slightly skewed by companion; variable is the eastern star of pair.
V1380 Aql IRAS position has large error ellipse.
V1398 Aql northeastern star of pair.
IR Aur not double as per Hoffmeister.
AF Boo superposed on the faint galaxy NGP9 F380-1183661.
V383 Cas Cl* NGC 225 LMM 102; star marked is not red.
BN Com ID uncertain, northwestern star of pair.
V1567 Cyg northern/brighter star of pair.
V1574 Cyg also = CGCS 5427.
KX Del star marked is red IRAS source.
UU Sge SIMBAD position somewhat in error.
ET Sge Downes *et al.* (1997) position adopted.
QW Sge southern star of pair: companion at end-figures 49^s6/54^{''}(A); V=13.14, B-V=0.45, F0V, *cf.* Munari & Buson (1991).
NSV 3964 also = IRC -20161.
NSV 5287 ID uncertain, is possibly fainter star at end-figures 14^s5/23^{''}.
NSV 12110 northeastern star of pair, GSC position is for mean of pair.
NSV 12274 coincident with IRAS 19377+1240, but large error ellipse.
SN 1963x position is for host galaxy, which is IRAS 12105+2118 and = Anon 1210+21.

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