

Carbon Star Observing Program

The List of Stars

<u>No.</u>	<u>Name</u>	<u>Cat. #:</u>	<u>R.A.</u>	<u>Dec.</u>	<u>Mag.</u>	<u>Period</u>	<u>Class</u>
1	WZ Cassiopeiae	SAO 21002	00 01 15	+60 21 19	6.9 – 11.0	186	C9 (N1)
2	SU Andromedae	GSC 2793: 243	00 04 36	+43 33 04	8.0 – 8.5	Irr.	C6 (Nb)
3	SAO 109003 (Pisces)	GSC 594: 778	00 05 22	+08 47 16	8.2 – 8.3	?	C (G4V)
4	VX Andromedae	GSC 2794: 14	00 19 54	+44 42 33	7.8 – 9.3	369	C4 (N7)
5	AQ Andromedae	GSC 2270: 318	00 27 31	+35 35 14	6.9 – 8.6	346	C5 (Nb)
6	NSV 15196 (Andromeda)	SAO 74353	00 54 13	+24 04 01	8.3 – 8.7	755	C1 (Rp)
7	W Cassiopeiae	GSC 368: 1824	00 54 53	+58 33 49	7.8 – 12.5	406	C7
8	Z Piscium	SAO 74593	01 16 05	+25 46 09	6.5 – 7.9	144	C7 (N0)
9	V Arietis	SAO 92853	02 15 00	+12 14 23	8.3 – 10.8	77	C4 (R8)
10	SAO 129989 (Cetus)	GSC 5285:3	02 35 06	-09 26 34	8.2 – 8.5	?	C2 (R3)
11	UY Andromedae	GSC 2832:2	02 38 23	+39 10 09	7.4 – 12.3	?	C5 (N3)
12	V623 Cassiopeiae	SAO 23858	03 11 25	+57 54 11	7.3 – 8.1	?	C4 (R5)
13	Y Persei	GSC 2873: 1287	03 27 42	+44 10 36	8.1 – 11.3	249	C4 (R4)

14	V466 Persei	NSV 1223	03 41 29	+51 30 11	8.4 – 8.9	?	C5 (N5)
15	U Camelopardalis	SAO 12870	03 41 48	+62 38 54	6.9 – 7.6	?	C3 – C6 (N5)
16	UV Camelopardalis	SAO 13009	04 05 53	+61 47 39	7.5 – 8.1	294	C5 (R8)
17	XX Camelopardalis	SAO 24431	04 08 38	+53 21 39	7.1 – 10.0	?	C0 – C2 (G1)
18	ST Camelopardalis	SAO 13285	04 51 13	+68 10 07	6.7 – 8.4	300	C5 (N5)
19	TT Tauri	SAO 76788	04 51 31	+28 31 36	7.7 – 10.0	167	C4 – C7 (N3)
20	R Leporis	SAO 150058	04 59 36	-14 48 22	5.5 – 11.7	427	C7 (N6)
21	EL Aurigae	SAO 24981	05 03 23	+50 37 58	8.5 – 8.7	Irr.	C5 (N3)
22	W Orionis	SAO 112406	05 05 23	+01 10 39	5.8 – 10.0	212	C5 (N5)
23	TX Aurigae	GSC 2895: 203	05 09 05	+39 00 08	8.5 – 9.2	Irr.	C5 (N3)
24	SY Eridani	SAO 131832	05 09 48	-05 30 55	8.3 – 10.0	96	C6 (N0)
25	UV Aurigae	SAO 57941	05 21 48	+32 30 43	7.4 – 10.6	394	C6 – C8 (Ne)
26	S Aurigae	GSC 2411: 222	05 27 07	+34 08 59	8.2 – 13.3	590	C4/5 (N3)
27	RT Orionis	GSC 126: 161	05 33 13	+07 09 12	8.0 – 8.9	321	C6 (Nb)
28	S Camelopardalis	SAO 13563	05 41 02	+68 47 55	7.7 – 11.6	327	C7 (R8)
29	TU Tauri	SAO 77502	05 45 13	+24 25 12	5.9 – 9.2	190	C5 (N3)
30	Y Tauri	SAO 77516	05 45 39	+20 41 42	6.5 – 9.2	242	C6.5 (N3)
31	FU Aurigae	SAO 58449	05 48 08	+30 37 51	8.3 – 8.5	?	C7 (N0)
32	TU Geminorum	SAO 78066	06 10 53	+26 00 53	7.4 – 8.4	230	C6 (N3)

33	FU Mono- cerotis	GSC 136: 183	06 22 23	+03 25 27	8.5 – 9.8	310	C8 (CSe)
34	V Aurigae	GSC 3380: 1119	06 24 02	+47 42 23	8.5 – 13.0	353	C6 (N3)
35	BL Orionis	SAO 95659	06 25 28	+14 43 19	6.0 – 7.0	154	C6 (Nb, Tc)
36	UU Aurigae	SAO 59280	06 36 32	+38 26 43	5.1 – 7.0	234	C5 – C7 (N3)
37	VW Gemino- rum	SAO 59383	06 42 08	+31 27 17	8.1 – 8.5	Irr.	C5 (Na)
38	GY Mono- cerotis	SAO 133825	06 53 11	-04 34 34	8.1 – 9.0	Irr.	C6 (N3/R8)
39	RV Mono- cerotis	SAO 114704	06 58 21	+06 10 01	7.0 – 8.9	132	C4 – C6 (Nb/R9)
40	V614 Mono- cerotis	SAO 134049	07 01 01	-03 15 09	7.0 – 7.4	60	C4 (R5)
41	RY Mono- cerotis	GSC 5381: 403	07 06 56	-07 33 26	7.5 – 9.2	456	C5 – C7 (N5/R)
42	W Canis Majoris	SAO 152427	07 08 03	-11 55 23	6.4 – 7.9	Irr.	C6 (N)
43	R Canis Minoris	SAO 96548	07 08 42	+10 01 26	7.3 – 11.6	338	C7 (CSep)
44	BM Gemino- rum	GSC 1913: 1170	07 20 59	+24 59 58	8.3 – 9.2	286	C5 (Nb)
45	RU Camelo- pardalis	SAO 14157	07 21 44	+69 40 14	8.1 – 9.8	22	C0 – C3 (K0 – R0)
46	NQ Gemino- rum	SAO 79474	07 31 54	+24 30 12	7.4 – 8.0	70	C6 (R9)
47	RU Puppis	SAO 175215	08 07 29	-22 54 45	8.1 – 11.1	425	C5 (N3)
48	X Cancri	SAO 98230	08 55 22	+17 13 52	5.6 – 7.5	195	C5 (N3)
49	T Cancri	SAO 80524	08 56 40	+19 50 56	7.6 – 10.5	482	C3 – C5 (R6 – N6)

50	Y Hydrae	SAO 178088	09 51 03	-23 01 02	6.5 – 9.0	303	C5 (N3)
51	U Hydrae	SAO 156110	10 37 33	-13 23 04	4.5 – 6.2	450	C6.5 (N2)
52	VY Ursae Majoris	SAO 15274	10 45 04	+67 24 40	5.9 – 7.0	Irr.	C6 (N0)
53	V Hydrae	SAO 179278	10 51 37	-21 15 00	6.5 – 12.0	531	C6 – C7 (N6e)
54	SS Virginis	GSC 282:753	12 25 14	+00 46 10	6.0 – 9.6	364	C6 (Ne)
55	Y Canum Venaticorum	SAO 44317	12 45 07	+45 26 24	4.8 – 6.4	157	C5 (N3)
56	RY Draconis	SAO 15945	12 56 25	+65 59 39	6.0 – 8.0	200	C4 (N4p)
57	SAO 157721 (Virgo)	GSC 6118: 1194	13 06 24	-20 03 31	8.5 – 8.5	?	C2 (K5p)
58	V Coronae Borealis	SAO 64929	15 49 31	+39 34 17	6.9 – 12.6	358	C6 (N2e)
59	RR Herculis	SAO 29781	16 04 13	+50 29 56	7.8 – 12.5	240	C5 – C8 (N0e)
60	V Ophiuchi	SAO 159916	16 26 43	-12 25 35	7.3 – 11.6	297	C5 – C7 (N3e)
61	SAO 46574 (Hercules)	GSC 3081: 810	17 13 31	+42 06 22	7.3 – 7.7	?	C3 (R0)
62	TW Ophiuchi	GSC 6243: 462	17 29 43	-19 28 22	7.0 – 9.0	185	C5 (Nb)
63	SZ Sagittarii	SAO 160795	17 44 56	-18 39 26	8.2 – 9.2	73	C7 (Nb)
64	T Draconis	GSC 3914: 546	17 56 23	+58 13 06	7.2 – 13.5	422	C6 – C8 (N0e)
65	FO Serpentis	SAO 161327	18 19 21	-15 36 46	8.5 – 8.7	Irr.	C4 (R6)
66	AC Herculis	SAO 86134	18 30 16	+21 52 00	6.9 – 9.0	75	C0 (F2pIb – K4e)
67	T Lyrae	SAO 67087	18 32 20	+36 59 55	7.5 – 9.3	Irr.	C6 (R6)

68	HK Lyrae	GSC 2649: 507	18 42 50	+36 57 30	7.8 – 9.6	Irr.	C6 (N4)
69	S Scuti	SAO 142674	18 50 20	-07 54 27	6.3 – 9.0	148	C6 (N3)
70	UV Aquilae	GSC 1051: 51	18 58 32	+14 21 49	8.0 – 9.6	386	C5 (N4)
71	V Aquilae	SAO 142985	19 04 24	-05 41 05	6.6 – 8.4	353	C5 – C6 (N6)
72	V1942 Sagittarii	SAO 162465	19 19 09	-15 54 30	6.7 – 7.0	Irr.	C6 (N2/R8)
73	U Lyrae	GSC 3134: 1708	19 20 09	+37 52 36	8.3 – 13.5	452	C4 (N0e)
74	UX Draconis	SAO 9404	19 21 35	+76 33 34	5.9 – 7.1	168	C7 (N0)
75	NSV 11960 (Aquila)	SAO 162551	19 23 10	-10 42 11	7.0 – 7.1	?	C2 (R0)
76	AW Cygni	GSC 3543: 2275	19 28 47	+46 02 38	7.1 – 8.5	340	C4 (N3)
77	AQ Sagittarii	SAO 162777	19 34 18	-16 22 27	6.6 – 8.5	200	C7 (N3)
78	TT Cygni	SAO 68688	19 40 57	+32 37 05	7.0 – 9.1	118	C5 (N3e)
79	AX Cygni	GSC 3149: 942	19 57 12	+44 15 40	7.9 – 8.8	Irr.	C4 (N6)
80	V1469 Aquilae	SAO 125356	20 01 03	+09 30 51	8.4 – 8.7	98	C4 (N0v)
81	BF Sagittae	GSC 1629: 945	20 02 23	+21 05 24	8.5 – 10.0	177	C4 (N3)
82	X Sagittae	HD 190606	20 05 05	+20 38 51	7.0 – 9.7	196	C6 (N3)
83	SV Cygni	GSC 3563: 462	20 09 30	+47 52 17	8.5 – 8.7	?	C5 – C7 (N3)
84	RY Cygni	GSC 2683: 3082	20 10 23	+35 56 50	8.5 – 10.3	Irr.	C4 – C6 (N)

85	RS Cygni	SAO 69636	20 13 23	+38 43 44	6.5 – 9.5	417	C8 (N0pe)
86	RT Capricorni	GSC 6340: 1015	20 17 06	-21 19 04	7.0 – 8.1	393	C6 (N3)
87	U Cygni	SAO 49477	20 19 36	+47 53 39	5.9 – 12.1	463	C7 – C9 (Npe)
88	V Cygni	SAO 49940	20 41 18	+48 08 28	7.7 – 13.9	421	C5 – C7 (Npe)
89	CY Cygni	SAO 50053	20 46 50	+46 03 06	7.9 – 8.4	?	CS (M2p)
90	SAO 106516 (Delphinus)	GSC 1651: 1359	20 48 36	+17 50 23	7.9 – 8.1	?	C1 (R0)
91	NSV 13571 (Vulpecula)	SAO 89499	21 09 59	+26 36 54	8.1 – 8.2	?	C1 (Kp)
92	S Cephei	SAO 10100	21 35 12	+78 37 28	7.4 – 12.9	487	C7 (N8e)
93	V460 Cygni	SAO 71613	21 42 01	+35 30 36	5.6 – 7.0	180	C6 (N1)
94	RV Cygni	SAO 71642	21 43 16	+38 01 02	7.1 – 9.3	263	C6 (N5)
95	RX Pegasi	HD 208526	21 56 22	+22 51 39	7.7 – 9.5	629	C4 (N3)
96	RZ Pegasi	GSC 2724: 1872	22 05 52	+33 30 24	7.6 – 13.6	439	C9 (Ne)
97	RU Aquarii	SAO 165676	23 24 24	-17 19 08	8.5 – 10.1	69	C6 (M5e)
98	ST Andro- medae	GSC 2778: 765	23 38 45	+35 46 21	7.7 – 11.8	328	C4 – C6 (R3e)
99	TX Piscium	SAO 128374	23 46 23	+03 29 12	4.8 – 5.2	Irr.	C7 (N0)
100	SAO 128396 (Pisces)	GSC 592: 649	23 49 05	+06 22 56	8.5 – 8.8	?	C3 (R3)