

Col #	NGC/Other Cat.	Con	RA	DEC	m (v/p)	# Stars	AnS'	Class	
14	581 (M103)	Cas	01h 33m 21.8s	+60° 39' 29"	7.4v	25	6	Praes	
15	Tr.1	Cas	01h 35m 42.0s	+61° 17' 00"	8.1v	(20)	7.4	Praes	
16	609	Cas	01h 36m 23.7s	+64° 32' 12"	11.0v	(100+)	3	Praes	
17	637	Cas	01h 43m 03.1s	+64° 02' 12"	8.2v	11	3.5	Plei	
18	654	Cas	01h 43m 59.4s	+61° 52' 58"	6.5v	30	5	Praes	
19	659	Cas	01h 44m 23.0s	+60° 40' 09"	7.9v	15	5	Praes	
20	663	Cas	01h 46m 16.0s	+61° 13' 06"	7.1v	60	16	Praes	
21		Tri	01h 50m 12.0s	+27° 05' 00"	7.3v	15	7	Plei	2
22	744	Per	01h 58m 29.9s	+55° 28' 29"	7.9v	12	11	Plei	
23	752	And	01h 57m 47.9s	+37° 51' 00"	5.7v	50	50	Plei	
24	869	Per	02h 19m 03.8s	+57° 08' 06"	5.3v	250	29	Praes	3
25	884	Per	02h 22m 32.1s	+57° 08' 39"	6.1v	200	29	Praes	3
26	Mel 15 (IC1805)	Cas	02h 32m 42.0s	+61° 27' 00"	7.9v	25	22	Plei	4
27	956	And	02h 32m 30.9s	+44° 35' 37"	8.9p	20	7	Plei	

28	957	Per	02h 33m 19.0s	+57° 34' 11"	7.6v	18	11	Plei	
29	Tr.2	Per	02h 37m 18.0s	+55° 59' 00"	5.9v	18	20	Plei	
30	1027	Cas	02h 42m 35.1s	+61° 35' 40"	6.7v	40	20	Neb	
31	1039 (M34)	Per	02h 42m 07.4s	+42° 44' 46"	5.2v	60	35	Praes	
32	IC1848	Cas	02h 51m 12.0s	+60° 26' 00"	6.5v	20	12	Plei	5
33	IC1848	Cas	02h 59m 18.0s	+60° 24' 00"	5.9p	100	39	Plei	5
34	IC1848	Cas	03h 00m 54.0s	+60° 25' 00"	6.8p	60	25	Plei	5
35	1193	Per	03h 05m 55.7s	+44° 22' 59"	12.6v	(40)	1.5	Plei	
36	Tr.3	Cas	03h 11m 48.0s	+63° 15' 00"	7p	30	23	Plei	
37	1220	Per	03h 11m 40.7s	+53° 20' 54"	11.8v	(15)	2	Plei	
38	1245	Per	03h 14m 41.5s	+47° 14' 20"	8.4v	65	10	Praes	
39	Mel 20 (PMC)	Per	03h 22m 00.0s	+49° 00' 00"	1.2v	60	185	Plei	6
40	1342	Per	03h 31m 40.1s	+37° 22' 28"	6.7v	30	14	Plei	
41	IC348	Per	03h 44m 30.0s	+32° 17' 00"	7.3v	10	7	Neb	7
42	M45	Tau	03h 47m	+24° 07'	1.2v	100	110	Neb	

57	1746	Tau	05h 03m 50.2s	+23° 46' 04"	6.1v	70	42	Praes	
58	1778	Aur	05h 08m 05.7s	+37° 01' 22"	7.7v	15	6	Plei	
59	1807	Tau	05h 10m 41.1s	+16° 31' 52"	7.0v	18	17	Plei	
60	1817	Tau	05h 12m 26.3s	+16° 41' 03"	7.7v	85	16	Praes	
61	1857	Aur	05h 20m 05.5s	+39° 20' 37"	7.0v	40	5	Plei	
62	nl	Aur	05h 22m 30.0s	+41° 00' 00"	4.2v	15	28	Plei	
63	1893	Aur	05h 22m 45.1s	+33° 25' 13"	7.5v	30	11	Plei	9
64	1883	Aur	05h 25m 54.2s	+46° 29' 25"	12.0v	12	2.5	Plei	
65	nl	Tau	05h 25m 05.0s	+15° 41' 59"	3.0v	30	220	Plei	
66	1907	Aur	05h 28m 04.5s	+35° 19' 32"	8.2v	8	6	Praes	
67	1912 (M38)	Aur	05h 28m 42.5s	+35° 51' 18"	6.4v	120	21	Praes	
68	1931	Aur	05h 31m 25.8s	+34° 14' 42"	10.1v	(20)	4x4	Neb	
69	Orion Cluster	Ori	05h 35m 28.8s	+09° 56' 28"	2.8v	25	70	Neb	10
70	Orion Belt	Ori	05h 35m 36.0s	-01° 05' 00"	0.6v	125	140	Neb	11
71	1960 (M36)	Aur	05h 36m 17.7s	+34° 08' 27"	6.0v	60	12	Praes	

72	1980	Ori	05h 35m 25.9s	-05° 54' 35"	2.5v	12	14x14	Neb	
73	1981	Ori	05h 35m 09.6s	-04° 25' 30"	4.2v	13	25	Plei	
74		Ori	05h 48m 30.0s	+07° 24' 00"	14.4p	12±	5	nl	
75	2099 (M37)	Aur	05h 52m 18.3s	+32° 33' 11"	5.6v	250	23	Praes	
76	2112	Ori	05h 53m 45.2s	+00° 24' 39"	9.1v	45	11	Praes	
77	2129	Gem	06h 01m 06.5s	+23° 19' 20"	6.7v	20	6	Plei	
78	2126	Aur	06h 02m 33.0s	+49° 51' 57"	10.2v	18	6	Plei	
79	2141	Ori	06h 02m 55.1s	+10° 26' 47"	9.4v	(100)	10	Praes	
80	Tr.4	Gem	06h 05m 00.0s	+24° 00' 00"	8.4p	15	6	Plei	
81	2158	Gem	06h 07m 25.6s	+24° 05' 46"	8.6v	(100+)	5	Praes	12
82	2168 (M35)	Gem	06h 08m 55.9s	+24° 21' 28"	5.1v	175	28	Praes	
83	2169	Ori	06h 08m 24.3s	+13° 57' 53"	5.9v	8	6	Plei	
84	2175	Ori	06h 09m 39.6s	+20° 29' 15"	6.8v	16	40x30	Î¼ Norm	13
85	2186	Ori	06h 12m 07.1s	+05° 27' 31"	8.7v	10	4	Praes	
86	2192	Aur	06h 15m	+39° 51'	10.9v	(45)	5	Plei	

101	2251	Mon	06h 34m 38.5s	+08° 21' 59"	7.3v	20	10	Plei	
102	2252	Mon	06h 34m 42.9s	+05° 21' 59"	7.7v	10±	20	Plei	
103	2254	Mon	06h 35m 49.7s	+07° 40' 24"	9.1v	20	4	Plei	
104		Mon	06h 36m 30.0s	+04° 49' 00"	9.6p	15	21	Chain	
105	Tr.5	Mon	06h 37m 36.0s	+09° 26' 00"	10.9p	20	8	Plei	
106		Mon	06h 37m 06.0s	+05° 57' 00"	4.6p	23	45	Plei	
107		Mon	06h 37m 42.0s	+04° 44' 00"	5.1p	30	35	Plei	
108	2259	Mon	06h 38m 21.4s	+10° 53' 01"	10.8v	(25)	4.5	Plei	
109	2262	Mon	06h 39m 38.1s	+01° 08' 37"	11.3v	(35)	3.5	Plei	14
110		Mon	06h 38m 24.0s	+02° 01' 00"	10.5p	60	12	Praes	
111		Mon	06h 38m 42.0s	+06° 54' 00"	7.0p	8	3.2	¼Norm	
112	2264	Mon	06h 40m 58.3s	+09° 53' 44"	4.1v	45	20	¼Norm	
113	2266	Gem	06h 43m 19.2s	+26° 58' 10"	9.5v	50±	6	Praes	
114	2269	Mon	06h 43m 17.1s	+04° 37' 28"	10.0v	6±	4	Plei	
115		Mon	06h 46m 30.0s	+01° 46' 00"	9.2p	25	7	Plei	

116	2281	Aur	06h 48m 17.8s	+41° 04' 44"	5.4v	23	14	Plei	
117	2286	Mon	06h 47m 40.1s	-03° 08' 52"	7.5v	50	14	Plei	
118	2287 (M41)	Cma	06h 46m 00.0s	-20° 46' 00"	4.5v	160	38	Praes	
119	2301	Mon	06h 51m 45.3s	+00° 27' 33"	6.0v	60	12	Plei	
120	2304	Gem	06h 55m 11.9s	+17° 59' 19"	10.0v	30±	5	Praes	
121		Cma	06h 54m 12.0s	-24° 38' 00"	2.6v	20	50	Plei	
122	2309	Mon	06h 56m 03.6s	-07° 10' 28"	10.5v	14±	3	Plei	
123	2311	Mon	06h 57m 47.5s	-04° 36' 41"	9.6v	20	6	Plei	
124	2323 (M50)	Mon	07h 02m 42.3s	-08° 23' 26"	5.9v	45	16	Plei	
125	2324	Mon	07h 04m 07.9s	+01° 02' 41"	8.4v	50	7	Praes	
126	2331	Gem	07h 06m 59.8s	+27° 15' 42"	8.5v	20	18	Plei	
127	2335	Mon	07h 06m 49.5s	-10° 01' 43"	7.2v	40	12	Plei	
128	2343	Mon	07h 08m 06.8s	-10° 37' 01"	6.7v	12	6	Plei	
129	2345	Cma	07h 08m 18.8s	-13° 11' 38"	7.7v	45	12	Praes	
130	2353	Mon	07h 14m	-10° 15'	7.1v	60	20	Î¼Nor	

145	Tr.6	Cma	07h 26m 06.0s	-24° 18' 00"	10.0p	20	6	Plei	
146	Tr.7	Pup	07h 27m 18.0s	-24° 02' 00"	7.9v	12±	5	Plei	
147	Mel.66	Pup	07h 26m 23.0s	-47° 40' 00"	7.8p	(200)	10	Praes	
148	2396	Pup	07h 28m 02.9s	-11° 43' 11"	7.4v	40	10	Plei	
149	2401	Pup	07h 29m 24.4s	-13° 57' 58"	12.6v	(20)	2	Praes	
150	2414	Pup	07h 33m 12.8s	-15° 27' 14"	7.9v	(35)	4	Plei	
151	2421	Pup	07h 36m 11.8s	-20° 36' 44"	8.3v	28	10	Praes	
152	2422 (M47)	Pup	07h 36m 35.0s	-14° 28' 57"	4.4v	50	29	Plei	
153	2423	Pup	07h 37m 06.7s	-13° 52' 17"	6.7v	40	19	Praes	
154	2420	Gem	07h 38m 23.9s	+21° 34' 27"	8.3v	(100+)	10	Plei	
155	Mel.71	Pup	07h 37m 30.0s	-12° 04' 00"	7.1v	60	9	Praes	
156	Mel.72	Mon	07h 38m 24.0s	-10° 41' 00"	10.1p	24	9	Praes	15
157	2432	Pup	07h 40m 53.8s	-19° 05' 09"	10.2v	(50+)	7	Praes	
158	2439	Pup	07h 40m 45.4s	-31° 41' 33"	6.9v	26	10	Plei	
159	2437 (M46)	Pup	07h 41m 46.8s	-14° 48' 36"	6.1v	125	27	Praes	

160	2447 (M93)	Pup	07h 44m 29.2s	-23° 51' 11"	6.2v	80	22	Praes	
161	2451	Pup	07h 45m 15.0s	-37° 58' 03"	2.8v	35	45	Plei	
162	2453	Pup	07h 47m 34.1s	-27° 11' 41"	8.3v	10	5	Plei	
163	2455	Pup	07h 48m 58.6s	-21° 17' 53"	10.2v	20	7	Plei	
164	2467	Pup	07h 52m 29.5s	-26° 25' 48"	7.1v	20	15	Neb	
165	2477	Pup	07h 52m 09.8s	-38° 32' 00"	5.8v	300	27	Glob	
166	2482	Pup	07h 55m 10.3s	-24° 15' 17"	7.3v	28	12	Plei	
167	Tr.8	Pup	07h 55m 04.0s	-17° 42' 35"	9.6p	30	7	Praes	
168	Tr.9	Pup	07h 55m 18.0s	-25° 56' 00"	8.7v	14	5	Plei	
169	2489	Pup	07h 56m 15.9s	-30° 03' 51"	7.9v	60	8	Praes	
170	2506	Mon	08h 00m 01.7s	-10° 46' 11"	7.6v	80	8	Praes	
171	2509	Pup	08h 00m 47.8s	-19° 03' 02"	9.3v	30	8	Plei	
172	2516	Car	07h 58m 07.1s	-60° 45' 12"	3.8v	70	29	Praes	
173		Vel	08h 02m 49.0s	-46° 23' 00"	0.6v	70	370	Plei	
174	2527	Pup	08h 04m	-28° 08'	6.5v	40	22	Plei	

189	2632 (M44)	Cnc	08h 40m 22.2s	+19° 40' 19"	3.1v	60	95	Praes	
190	2635	Pyx	08h 38m 26.0s	-34° 46' 18"	11.2v	(15)	3	Praes	
191	IC2391	Vel	08h 40m 21.0s	-53° 05' 21"	2.0v	15	60	Plei	17
192	IC2395	Vel	08h 42m 31.0s	-48° 06' 30"	4.0v	19	7	Plei	
193	2660	Vel	08h 42m 38.0s	-47° 12' 02"	8.8v	(70)	4	Glob	
194	2659	Vel	08h 42m 33.0s	-45° 00' 02"	8.6v	35	2.7	Praes	
195	2658	Pyx	08h 43m 27.3s	-32° 39' 22"	9.2v	40	12	Praes	
196		Pyx	08h 45m 00.0s	-31° 38' 00"	10.5p	(12)	5	Praes	
197		Vel	08h 44m 51.0s	-41° 14' 00"	6.7p	14	40	Plei	
198		Pyx	08h 45m 18.0s	-31° 46' 00"	11.2	nl	5	Praes	
199	2669	Vel	08h 46m 19.0s	-52° 56' 06"	6.1v	25	12	Praes	18
200	2670	Vel	08h 45m 29.5s	-48° 47' 30"	7.8v	25	9	Plei	
201	2671	Vel	08h 46m 11.9s	-41° 52' 38"	11.6v	(40)	4	Praes	
202	Harv.3	Vel	08h 46m 30.0s	-52° 54' 00"	6.1p	22	12	Plei	18
203	Tr.10	Vel	08h 47m 54.0s	-42° 27' 00"	5.0v	18	29	Plei	

204	2682 (M67)	Cnc	08h 51m 20.1s	+11° 48' 43"	6.9v	90	29	Praes	
205	Markarian 18	Vel	09h 00m 32.0s	-48° 59' 06"	7.8v	8	5	¼Norm	
206	2818	Pyx	09h 16m 01.5s	-36° 37' 37"	8.2v	25	9	Praes	19
207	2849	Vel	09h 19m 22.9s	-40° 31' 13"	12.5v	(40)	2.3	Praes	
208	IC2488	Vel	09h 27m 45.0s	-57° 40' 08"	7.4	70	18	Plei	
209	2910	Vel	09h 30m 29.0s	-52° 54' 50"	7.2v	15	5	Plei	
210	2925	Vel	09h 33m 10.9s	-53° 23' 45"	8.3v	30	12	Plei	
211	2972	Vel	09h 40m 11.5s	-50° 19' 15"	9.9v	(25)	4	Praes	
212	3033	Vel	09h 48m 39.1s	-56° 24' 42"	8.8v	(50)	5	Plei	
213		Vel	09h 54m 35.0s	-50° 55' 11"	9.2p	21	17	Plei	
214	3105	Vel	10h 00m 39.5s	-54° 47' 15"	9.7v	(20)	2	Praes	
215	3114	Car	10h 02m 42.7s	-60° 06' 32"	4.2v	100	35	Plei	
216	Tr.11	Car	10h 04m 58.6s	-61° 36' 54"	8.1p	15	5	Plei	
217	Tr.12	Car	10h 06m 29.0s	-60° 18' 00"	8.8p	12	4	Plei	
218	3228	Vel	10h 21m	-51° 43'	6.0v	22	5	Plei	

233	eta Car cluster (Tr 16)	Car	10h 45m 16.2s	-59° 43' 17"	5.0v	40	10	Neb	22
234	Tr 16	Car	10h 45m 21.0s	-59° 45' 00"	5.0v	(18)	3	Plei	22
235	Tr.17	Car	10h 56m 24.0s	-59° 12' 00"	8.4	25	5	Plei	
236		Car	10h 57m 17.0s	-61° 06' 36"	7.7v	30	10	Plei	
237	3496	Car	10h 59m 33.8s	-60° 20' 12"	8.2v	45	9	Praes	
238	3532	Car	11h 05m 47.5s	-58° 46' 13"	3.0v	135	55x50	Praes	
239	3572	Car	11h 10m 19.2s	-60° 14' 54"	6.6v	nl	6	Plei	23
240		Car	11h 10m 19.2s	-60° 14' 54"	n/a	20	n/a	Plei	23
241	Tr.18	Car	11h 11m 28.0s	-60° 40' 00"	6.9v	10	6	Plei	
242	3590	Car	11h 12m 59.0s	-60° 47' 20"	8.2v	15	4	Plei	
243	Tr.19	Car	11h 15m 07.0s	-57° 33' 00"	9.6v	(40)	10	Praes	24
244	3603	Car	11h 15m 06.6s	-61° 15' 40"	9.1v	(44)	2.5	Praes	
245	IC2714	Car	11h 18m 08.0s	-62° 44' 21"	8.0v	120	15	Praes	
246	Mel.105	Car	11h 19m 42.0s	-63° 29' 00"	8.5v	40±	5	Praes	
247	3680	Cen	11h 25m 37.1s	-43° 15' 00"	7.6v	25	12	Praes	

248	3766	Cen	11h 36m 14.4s	-61° 36' 36"	5.3v	137	12	Praes	
249		Cen	11h 36m 52.0s	-63° 04' 24"	4.0v	25	65	Neb	
250	3960	Cen	11h 50m 33.2s	-55° 40' 35"	8.3v	60	6	Praes	
251	4052	Cru	12h 02m 05.2s	-63° 13' 24"	8.8v	60	10	Plei	
252	4103	Cru	12h 06m 39.5s	-61° 15' 00"	7.4v	20±	6	Plei	
253	4230	Cen	12h 17m 09.3s	-55° 17' 10"	9.4v	(15)	7x5	Plei	
254	4337	Cru	12h 24m 03.3s	-58° 07' 25"	8.9v	20	3.5	Plei	25
255	4349	Cru	12h 24m 06.0s	-61° 52' 13"	7.4v	70	15	Praes	
256	Mel.111	Com	12h 25m 00.0s	+26° 00' 00"	1.8v	30	275	Plei	
257		Cru	12h 24m 45.9s	-60° 53' 12"	nl	12	5	Plei	26
258	Harv.5	Cru	12h 27m 10.0s	-60° 46' 00"	7.1v	(25)	5	Plei	26
259	4439	Cru	12h 28m 26.3s	-60° 06' 11"	8.4v	(20)	4	Plei	
260	4463	Mus	12h 29m 55.2s	-64° 47' 23"	7.2v	18±	5	Plei	
261	Harv.6	Mus	12h 37m 57.0s	-68° 22' 00"	10.7v	(100)	9	Praes	
262	Tr.20	Cru	12h 39m	-60° 37'	10.1v	nl	7	Praes	

277		Cir	13h 48m 00.0s	-66° 04' 00"	9.2v	(30)	15	Praes	
278	5288	Cir	13h 48m 44.9s	-64° 41' 07"	11.8v	nl	4	Plei	
279	5316	Cen	13h 53m 57.2s	-61° 52' 09"	6.0v	22	13	Plei	
280	5460	Cen	14h 07m 27.7s	-48° 20' 33"	5.6v	50	35	Praes	
281	5606	Cen	14h 27m 47.2s	-59° 37' 56"	7.7v	(15)	3	Plei	
282	5617	Cen	14h 29m 44.0s	-60° 42' 39"	6.3v	60	10	Praes	
283	Tr.22	Cen	14h 31m 02.0s	-61° 10' 00"	7.9v	15	10	Plei	31
284	5662	Cen	14h 35m 37.5s	-56° 37' 05"	5.5v	35	30	Plei	
285	Ursa Major	Uma	12h 03m 00.0s	+58° 00' 00"	nl	nl	nl	nl	
286	5715	Cir	14h 43m 29.7s	-57° 34' 37"	9.8v	20	5	Praes	
287	5749	Lup	14h 48m 53.9s	-54° 29' 51"	8.8v	16	7	Plei	
288	5764	Lup	14h 53m 32.2s	-52° 40' 14"	12.6v	12	3	nl	
289	5822	Lup	15h 04m 21.2s	-54° 23' 47"	6.5v	100	39	Plei	
290	5823	Cir	15h 05m 30.6s	-55° 36' 13"	7.9v	30	12	Plei	
291	5925	Nor	15h 27m 26.7s	-54° 31' 43"	8.4v	45	20	Plei	

292		Nor	15h 49m 51.0s	-57° 37' 11"	7.9v	(50)	15	Plei	
293	5999	Nor	15h 52m 08.6s	-56° 28' 22"	9.0v	40	3	Praes	
294	6005	Nor	15h 55m 48.7s	-57° 26' 14"	10.7v	14	3	Praes	32
295	Tr.23	Nor	16h 00m 48.0s	-53° 32' 00"	11.2v	25	9	Plei	
296	6025	TrA	16h 03m 17.0s	-60° 25' 54"	5.1v	25	12	Plei	
297	6031	Nor	16h 07m 35.0s	-54° 00' 54"	8.5v	(121)	2	Plei	
298	6067	Nor	16h 13m 11.0s	-54° 13' 06"	5.6v	115	12	Praes	
299	Harv.10	Nor	16h 19m 54.0s	-54° 58' 00"	6.9p	24	25	Plei	
300	6087	Nor	16h 18m 50.5s	-57° 56' 04"	5.4v	30	12	Plei	
301	6124	Sco	16h 25m 20.0s	-40° 39' 13"	5.8v	60	40	Praes	
302	Antares Cl.	Sco	16h 26m 00.0s	-26° 13' 00"	1.0v	20±	505	Neb	
303	6134	Nor	16h 27m 46.5s	-49° 09' 04"	7.2v	45	6	Praes	
304	6152	Nor	16h 32m 45.5s	-52° 38' 38"	8.1v	35	29	Praes	
305	6167	Nor	16h 34m 34.9s	-49° 46' 19"	6.7v	40	7	Plei	
306	6169	Nor	16h 34m	-44° 02'	6.6v	(40)	12	Î¼Nor	

321	6253	Ara	16h 59m 05.1s	-52° 42' 32"	10.2v	25	5	Praes	
322	6259	Sco	17h 00m 45.3s	-44° 39' 18"	8.0v	60	10	Praes	
323	6268	Sco	17h 02m 10.3s	-39° 43' 42"	9.5v	22	6	Plei	
324	6281	Sco	17h 04m 41.2s	-37° 59' 07"	5.4v	25	8	Plei	
325	6318	Sco	17h 16m 11.5s	-39° 25' 30"	11.8v	20±	5	Praes	
326	6322	Sco	17h 18m 25.7s	-42° 56' 02"	6.0v	12±	10	Plei	
327	IC4651	Ara	17h 25m 14.0s	-49° 57' 35"	6.9v	65	10	Praes	
328	6352	Her	17h 19m 11.3s	+36° 03' 38"	7.8v	nl	7.1	Glob	35
329	Tr.25	Sco	17h 24m 48.0s	-30° 00' 00"	11.7p	18±	4	Plei	
330	6355	Oph	17h 23m 58.5s	-26° 21' 13"	8.6v	nl	5	Glob	36
331	Tr.26	Oph	17h 28m 30.0s	-29° 29' 00"	9.5p	20	17	Plei	
332		Sco	17h 30m 48.0s	-37° 05' 00"	8.9v	25	2	Plei	
333		Sco	17h 31m 18.0s	-34° 05' 00"	9.8p	8	5	Plei	
334	6374 (6383)	Sco	17h 34m 42.4s	-32° 34' 53"	5.5	10	2.5	Plei	37
335	6383	Sco	17h 34m 42.4s	-32° 34' 53"	5.5v	10	2.5	¼Nor m	37

336	Tr.27	Sco	17h 36m 12.0s	-33° 29' 00"	6.7v	15	6	Plei	
337	Tr.28	Sco	17h 36m 48.0s	-32° 29' 00"	7.7v	22	12.5	Praes	
338		Sco	17h 38m 06.0s	-37° 43' 12"	8.0v	20	20	Plei	
339	6396	Sco	17h 37m 38.0s	-35° 01' 33"	8.5v	8	nl	Plei	38
340	6404	Sco	17h 39m 37.3s	-33° 14' 48"	10.6v	12	5	Plei	
341	6405 (M6)	Sco	17h 40m 20.7s	-32° 15' 15"	4.2v	55	33	Plei	
342	6400	Sco	17h 40m 12.7s	-36° 56' 52"	8.8v	25	12	Plei	
343	Tr.29	Sco	17h 41m 36.0s	-40° 06' 00"	7.5p	22	9	Plei	
344	6416	Sco	17h 44m 19.9s	-32° 21' 40"	5.7v	35	30	Plei	
345		Sco	17h 44m 35.0s	-33° 52' 00"	10.9v	12	4.8	Plei	
346	6426	Oph	17h 44m 54.6s	+03° 10' 13"	10.9v	nl	4.2	Praes	39
347		Oph	17h 46m 18.0s	-29° 20' 00"	8.8v	14	10	Plei	
348	6425	Sco	17h 47m 01.6s	-31° 31' 46"	7.2v	25	15	Plei	
349	IC4665	Oph	17h 46m 18.0s	+05° 43' 00"	4.2v	28	40	Plei	
350		Oph	17h 48m	+01° 21'	6.1v	25	40	Plei	

365	6546	Sgr	18h 07m 22.5s	-23° 17' 46"	8.0v	20	15	Praes	
366	6544	Sgr	18h 07m 20.5s	-24° 59' 51"	7.5v	nl	8.9	Glob	41
367		Sgr	18h 09m 43.0s	-23° 39' 35"	6.4	10	40	Neb	
368	6558	Sgr	18h 10m 18.3s	-31° 45' 49"	8.6v	nl	3.7	Praes	42
369	6568	Sgr	18h 12m 45.1s	-21° 34' 59"	8.6v	29	12	Plei	
370	6583	Sgr	18h 15m 49.9s	-22° 08' 09"	10.0v	30±	5	Praes	
371	6595	Sgr	18h 17m 16.0s	-19° 44' 30"	7.0v	12	4x3	Neb	43
372	Tr.32	SerCD	18h 17m 10.4s	-13° 20' 40"	12.2p	20	6	Praes	
373	6604	SerCD	18h 18m 02.9s	-12° 14' 35"	6.5v	10±	4	¼Nor m	
374	6603	Sgr	18h 18m 26.9s	-18° 24' 22"	11.1v	(100)	5	Praes	44
375	6611 (M16)	SerCD	18h 18m 48.1s	-13° 48' 26"	6.0v	30	21	Neb	
376	6613 (M18)	Sgr	18h 19m 58.4s	-17° 06' 07"	6.9v	14	10	Plei	
377	6618	Sgr	18h 21m 09.0s	-16° 10' 36"	6.0v	27	27	Neb	45
378	Tr.33	Sgr	18h 24m 42.0s	-19° 43' 00"	7.8v	10	6	Plei	
379	6631	Sct	18h 27m 11.3s	-12° 01' 52"	11.7v	20±	7	Praes	

380	6633	Oph	18h 27m 15.2s	+06° 30' 30"	4.6v	30	20	Plei	
381	6642	Sgr	18h 31m 54.3s	-23° 28' 35"	8.9v	nl	5.8	Glob	46
382	IC4725 (M25)	Sgr	18h 31m 36.0s	-19° 15' 00"	4.6v	60	32	Praes	
383	6645	Sgr	18h 32m 37.9s	-16° 53' 02"	8.5v	100	15	Praes	
384	6649	Sct	18h 33m 27.9s	-10° 24' 10"	8.9v	15	5	Praes	
385	6664	Sct	18h 36m 33.3s	-08° 13' 15"	7.8v	28	16	Praes	
386	IC4756	Ser	18h 39m 00.0s	+05° 27' 00"	4.6v	120	52	Praes	
387	Tr.34	Sct	18h 39m 48.0s	-08° 29' 00"	8.6v	20	7	Plei	47
388	Tr.35	Sct	18h 42m 54.0s	-04° 08' 00"	9.2v	25	9	Plei	
389	6694 (M26)	Sct	18h 45m 18.6s	-09° 23' 01"	8.0v	18	14	Praes	
390	6704	Sct	18h 50m 45.7s	-05° 12' 20"	9.2v	20	6	Plei	
391	6705 (M11)	Sct	18h 55m 21.9s	-53° 49' 11"	5.8v	100±	13	Glob	48
392	6709	Aql	18h 51m 18.9s	+10° 19' 07"	6.7v	40	13	Praes	
393	6716	Sgr	18h 54m 34.3s	-19° 54' 04"	7.5v	15	6	Plei	
394		Sgr	18h 52m	-20° 59'	6.3v	22	22	Praes	

409	6838	Sge	19h 53m 46.1s	+18° 46' 42"	8.4v	150±	7.2	Glob	52
410	6846	Cyg	19h 56m 28.0s	+32° 20' 59"	14.2v	(40)	0.5	Plei	
411	Mel.227	Oct	20h 17m 19.0s	-79° 02' 00"	5.3v	20	70	Plei	
412	6866	Cyg	20h 03m 55.1s	+44° 09' 33"	7.6v	20	6	Plei	
413	6871	Cyg	20h 05m 59.3s	+35° 46' 38"	5.2v	45	30	Plei	
414	IC1311	Cyg	20h 10m 48.0s	+41° 11' 00"	13.1p	(60)	9	Glob	53
415	6883	Cyg	20h 11m 19.7s	+35° 49' 56"	8.0v	18	35	Plei	
416	6882	Vul	20h 11m 55.8s	+26° 29' 20"	8.1v	20	20	Plei	54
417	6885	Vul	20h 11m 55.8s	+26° 29' 20"	8.1v	40	20	Plei	54
418	IC4996	Cyg	20h 16m 30.0s	+20° 16' 30"	7.3v	12	5	Plei	
419		Cyg	20h 18m 06.0s	+40° 43' 00"	5.4p	16	4.5	¼Norm	
420	6910	Cyg	20h 23m 12.0s	+40° 46' 43"	7.4v	16	7	Plei	
421		Cyg	20h 23m 18.0s	+41° 42' 00"	10.1p	20	5	Praes	
422	6913 (M29)	Cyg	20h 23m 57.7s	+38° 30' 28"	6.6v	15	6	Plei	
423	6939	Cep	20h 31m 30.1s	+60° 39' 44"	7.8v	40	7	Praes	

424	6940	Vul	20h 34m 26.6s	+28° 16' 58"	6.3v	90	31	Praes	
425	6996	Cyg	20h 56m 29.9s	+45° 28' 23"	10.0v	20	5	Neb	55
426	6994 (M73)	Aqr	20h 58m 55.9s	-12° 38' 08"	8.9v	(4)	2.8	Glob	56
427		Cep	20h 59m 30.0s	+68° 10' 00"	13.8v	6	4	Plei	
428		Cyg	21h 03m 12.0s	+44° 35' 00"	8.7p	40	13	Neb	
429	7023	Cep	21h 01m 35.5s	+68° 10' 11"	nl	nl	18	Neb	57
430	7031	Cyg	21h 07m 12.5s	+50° 52' 32"	9.1v	15	5	Plei	
431	7039	Cyg	21h 10m 47.7s	+45° 37' 19"	7.6v	35	25	Plei	
432	IC1369	Cyg	21h 12m 06.0s	+47° 44' 00"	8.8v	10	8	Plei	
433	7044	Cyg	21h 13m 09.3s	+42° 29' 46"	12.0v	40	3.5	Praes	
434	7062	Cyg	21h 23m 27.4s	+46° 22' 43"	8.3v	10	6	Praes	
435	7063	Cyg	21h 24m 21.7s	+36° 29' 15"	7.0v	10	7	Plei	
436	7067	Cyg	21h 24m 23.1s	+48° 00' 34"	9.7v	(47)	3	Praes	
437	7086	Cyg	21h 30m 27.5s	+51° 36' 08"	8.4v	20	9	Praes	
438	7092 (M39)	Cyg	21h 31m	+48° 26'	4.6v	22	31	Plei	

453	7419	Cep	22h 54m 20.0s	+60° 48' 56"	13.0v	(40)	6	Praes	
454	7510	Cep	23h 11m 03.7s	+60° 34' 15"	7.9v	10±	7	Plei	
455	7654 (M52)	Cas	23h 24m 50.4s	+61° 36' 24"	6.9v	35	16	Praes	
456	7686	And	23h 30m 07.3s	+49° 08' 03"	5.6v	20	14	Plei	58
457	7762	Cep	23h 50m 01.7s	+68° 02' 17"	10.0p	(40)	15	Praes	
458	Harv.21	Cas	23h 54m 06.0s	+61° 46' 00"	9.0p	10±	6	Plei	59
459	7788	Cas	23h 56m 45.5s	+61° 24' 00"	9.4v	15	4	Plei	
460	7789	Cas	23h 57m 24.0s	+56° 42' 30"	6.7v	100	25	Praes	
461	7790	Cas	23h 58m 24.2s	+61° 12' 30"	8.5v	18	5	Plei	
462	189	Cas	00h 39m 35.7s	+61° 05' 40"	8.8v	(90)	5	Plei	
463 (20a)		Cas	01h 48m 24.0s	+71° 57' 00"	nl	nl	nl	Plei	
464 (60a)		Cam	05h 22m 00.0s	+73° 00' 00"	4.2p	nl	120	Plei	
465 (127a)		Mon	07h 07m 12.0s	-10° 37' 00"	10.1p	nl	9	Praes	
466 (127b)		Mon	07h 07m 18.0s	-10° 49' 00"	11.1p	(25)	4	Praes	
467 (156a)	(Mel 72 per A/H)	Mon	07h 38m 29.0s	-10° 33' 00"	10.1v	(40)	5	Praes	15

468 (364a)		Sgr	18h 06m 36.0s	-27° 28' 00"	11v	8	0.9	Plei	
469 (370a)		Sgr	18h 16m 15.0s	-18° 16' 00"	9.1v	(51)	2.6	Plei	
470 (442a)	IC5146	Cyg	21h 53m 24.0s	+47° 16' 00"	7.2v	(110)	9	Neb	
471 (444a)		Cep	22h 07m 06.0s	+72° 00' 00"	nl	nl	130	Plei	

Notes for Specific Objects

Nearly all the notes below were gleaned from the book *Star Clusters* by Brent A. Archinal and Steven J. Hynes. Specific references to portions of the book are provided where they seemed especially useful.

1. Cr 8: Collinder lists as the NGC designation for this cluster the number 281. However, NGC 281 is itself *not* a cluster, but a reflection nebula. The cluster Collinder studied here is properly designated IC 1590.
2. Cr 21: Asterism.
3. Cr 24 & Cr 25: The Double Cluster
4. Cr 26: More likely to be found on charts as IC 1805.
5. Cr 32/33/34: Essentially all parts of one complex, IC 1848 per A/H pg 134.
6. Cr. 39: Perseus Moving Cluster/Group (Mel 20).
7. Cr. 41: Often depicted elsewhere as a bright nebula without mention of the loose cluster involved.
8. Cr 50: TMC = Taurus Moving Cluster.

9. Cr. 63: Associated with nebula IC 410.
10. Cr. 69: a.k.a. Lambda Orionis cluster.
11. Cr. 70: Orion belt cluster.
12. Cr. 81: Sometimes erroneously listed as a globular cluster.
13. Cr. 84: The NGC number listed by Collinder is properly assigned to the nebulosity surrounding Cr.84, NOT to the cluster itself (which may not actually be a cluster).
14. Cr. 109 Some references give an erroneous location of 06h 38.4m +01° 11' due to an original error by Collinder.
15. Cr 156: According to A/H Collinder 156=Mel 72=Cr 467.
16. Cr 182: It is possible that this is not an actual star cluster.
17. Cr 191: The center of a super cluster (A/H p. 137); good binocular object.
18. Cr. 199 and 202: something of a messy situation, with Cr 202 (Harvard 3) being included as a separate cluster by various authors, but with very different coordinates, even though Harv. 3 is actually "inside"of NGC 2669 (Cr 199); Cr 202 is apparently a central condensation of the larger cluster. (See A/H p. 168)
19. Cr. 206: an open cluster that actually includes a planetary nebula; A/H argue that the planetary nebula should be given the NGC designation used by Collinder, with the cluster being identified as Cr 206.
20. Cr. 220: In assembling his catalog Collinder incorrectly identified this cluster as NGC 3247, when it was in fact a "new"cluster. Sold himself short. The NGC number is left in the spreadsheet because some references have apparently perpetuated this error.
21. Cr. 221: May not be a true star cluster.
22. Cr. 233 and 234: Both Collinder entries refer to the eta Carinae star cluster, with 234 applied by Collinder to the southern portion. The entire object is properly known as Trumpler 16.
23. Cr. 239 & 240: Another cluster in a cluster; 239 = NGC 3572, while 240 should be only a Cr. #.
24. Cr. 243 (Tr.19): Described by Skiff as "not obvious in 0.35 degree field."
25. Cr. 254: Probably not a true cluster.
26. Cr 257 & 258: Apparently labeled incorrectly some places as Harv. 5 or Hogg 74. (A/H p. 132 for details.)
27. Cr. 264: J. Herschel's "Jewel Box."

28. Cr. 265: Probably not a true cluster.
29. Cr. 267: This is actually a globular cluster. (A/H p.237)
30. Cr. 269: Probably not a true cluster.
31. Cr. 283: Probably not a true cluster.
32. Cr. 294: Probably not a true cluster.
33. Cr. 314: According to A/H Collinder was apparently incorrect in identifying this cluster with NGC 6222. No NSOG reference to this cluster under either designation. However, older atlases such as Norton's 19th edition show NGC 6222 is the specified position, as does the newer HB AstroAtlas. The HCNGC lists NGC 6222 and Cr. 314 as synonymous.
34. Cr. 316: Appears to be superposed on Tr. 24, and may be part of the same cluster.
35. Cr. 328: Collinder and his mentor apparently thought this might be a globular cluster. Later studies have verified that this is indeed the case.
36. Cr. 330: Another globular cluster caught up in Collinder's survey.
37. Cr. 334 & 335: Duplicate listings; NGC 6374 is not a separate open cluster.
38. Cr. 339: Collinder provides NGC 6393 for this object, which turns out to be a galaxy in Draco. The coordinates in Collinder's catalog actually point to an object in Scorpius, and a check of the Historically Corrected New General Catalogue (HCNGC) Ver 1.02 shows NGC 6396 as the correct alias for Cr. 339. Data from the HCNGC has been used in the updated list.
39. Cr. 346: Another misidentified globular cluster.
40. Cr. 364: Another misidentified globular cluster.
41. Cr. 366: This really is, as Collinder and Lundmark believed, a globular cluster.
42. Cr. 368: Another globular cluster, which was not considered certain in Collinder's time.
43. Cr. 371: The NGC number applied by Collinder is actually a reference to the nebula around the cluster. He discovered the cluster himself, but apparently did not know he was first to make the distinction.
44. Cr. 374: This cluster is embedded within M24.
45. Cr. 377: Cluster associated with M17.
46. Cr. 381: Yet another cluster considered a globular when Collinder assembled his catalog. It's globular status has since been verified.

47. Cr. 387: May not be a real cluster.
48. Cr. 391: Collinder apparently considered M11 a globular cluster.
49. Cr. 395: A strange "object" that appears to be globular cluster NGC 6717 (Palomar 9) very near IC 4802, an OC along the same line of sight.
50. Cr. 399: The '~Coat Hanger' asterism, which is not a true star cluster.
51. Cr. 404: May be an asterism associated with nebula NGC 6820.
52. Cr. 409: Globular cluster M71.
53. Cr. 414: Was considered a possible globular cluster when Collinder made the catalog.
54. Cr. 416 & 417: Possibly only a part of NGC 6885.
55. Cr. 425: Probably an asterism in a nebulous region.
56. Cr. 426: It is thought that Collinder's description of M73 is actually for M72, a globular cluster, and not the object he intended for Cr. 426.
57. Cr. 429: Possible cluster associated with NGC 7023; the NGC number does not actually refer to his cluster.
58. Cr. 456: May not be a true cluster.
59. Cr. 458: Another grouping that may not be a real cluster.
60. Cr. 471: Associated with the nebula identified by IC 5146; this number does not apply directly to the cluster.