

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
1	NGC 7814		Electric Arc Galaxy	Gal	PEG	11.0	13.6	5.5	2.3	135	SA(s)ab:sp
2	NGC 55	D 507	String of Pearls	Gal	SCL	7.8	13.3	31.2	5.9	108	SBm
3	Kron 7			EG GC	TUC	12.5		1.5			
4	NGC 104	D 18	47 Tucanae	GC	TUC	4.0		50.0			III
5	NGC 134			Gal	HYA	10.3	13.4	8.5	2.0		SAB(s)bc
6	HR 126	Lac 119	Beta Tucanae	MS	TUC	4.4		2.6"		153	
7	NGC 157			Gal	CET	10.4	12.9	4.2	2.7	30	SAB(rs)bc
8	ESO 350-40		Cartwheel Galaxy	Gal	SCU	13.5	14.9	1.1	0.9	128	S
9	M 110	NGC 205	Andromeda Galaxy Companion	Gal	AND	8.2	14.1	21.9	11.0	170	E5 pec
10	M 31	NGC 224	Andromeda Galaxy	Gal	AND	3.6	13.6	190.5	61.7	35	SA(s)b II
11	M 32	NGC 221	Andromeda Galaxy Companion	Gal	AND	8.3	12.6	8.7	6.5	170	cE2
12	NGC 246		Pac Man Nebula	PN	CET	10.9		4.1			PN
13	NGC 247		Milkweed Seed Galaxy	Gal	CET	8.9	13.8	19.2	5.5	172	SBcd
14	NGC 253		Silver Coin Galaxy	Gal	SCL	7.3	12.9	29.0	6.8	52	SBc
15	NGC 288			GC	SCL	8.1		13.0			X
16	NGC 292		Small Magellanic Cloud (SMC)	Gal	TUC	2.2	14.1	316.0	186.0	45	SB(s)mP
17	NGC 300	D 530		Gal	SCL	8.1	13.9	19.0	12.9	111	Scd
18	NGC 330			OC	TUC	9.6		1.9			
19	NGC 346	D 25		BN	TUC	10.3		5.2			OCL
20	ESO 351-30		Sculptor Dwarf Galaxy	Gal	SCU	8.8		15.0		110	E
21	NGC 362	D 62		GC	TUC	6.8		14.0			III
22	NGC 371			OC	TUC	13.8		7.5			EN+Cluster
23	IC 1613		The Scarecrow	Gal	CET	9.3	15.1	16.6	14.9	50	IB(s)m V
24	NGC 419			GC	TUC	11.2		2.6			
25	IC 1633			Gal	PHE	11.4	13.5	2.6	2.4	93	E1
26	NGC 404		Mirach's Ghost	Gal	AND	10.2	12.8	3.5			SA(s)O-
27	HR 423	HD8879	R Sculptoris	CS	SCL	5.8					
28	M 33	NGC 598	Triangulum or Pinwheel Galaxy	Gal	TRI	5.8	14.4	70.8	41.7	23	SA(s)cd II-III
29	NGC 613			Gal	SCL	10.1	13.4	5.5	4.2	120	SBrsbc
30	NGC 681			Gal	CET	12.0	13.4	2.6	1.6	60	SAB(s)absp
31	M 74	NGC 628		Gal	PSC	9.5	14.3	10.5	9.5	25	SA(s)c
32	NGC 2573		Polarissima Australis	Gal	OCT	13.6	13.9	2.0	0.8		SABscd
33	NGC 615			Gal	CET	11.7	13.3	3.6	1.4	155	SA(rs)b
34	HR 545		Mesarthim (Gamma Aries)	MS	ARI	4.6		7.4"		1	
35	NGC 720			Gal	CET	10.3	12.9	4.7	2.4	135	E5
36	NGC 752			OC	AND	5.7		50.0			II 2 r
37	NGC 772			Gal	ARI	10.4	14.0	7.2	4.3	130	Sb I
38	HR 596	Alrischca	Alrischca (Alpha Piscium)	MS	PIS	3.8		1.8"		265	

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39	HR 681	HIP 10826	Mira (Omicron Ceti)	VS	CET	6.0					
40	NGC 891			Gal	AND	10.1	13.1	11.7	1.6	22	Sb
41	NGC 908			Gal	CET	10.5	13.3	6.0	2.6	75	Sc I
42	NGC 936			Gal	CET	10.2	13.3	4.7	4.1	135	SB0-a
43	ESO 356-04		Fornax Dwarf Galaxy	Gal	FOR	8.3	17.7	17.0	12.6	60	E
44	NGC 1049			GC	FOR	12.6		0.8			
45	NGC 1023			Gal	PER	9.5	12.7	7.4	2.5	87	E/SB0
46	NGC 1055			Gal	CET	10.9	14.0	7.6	2.7	105	Sb II-III
47	M 34	NGC 1039		OC	PER	5.2		35.0			II3r
48	M 77	NGC 1068		Gal	CET	9.1	13.0	7.1	6.0	70	Sb
49	HR 804		Kaffaljdhma (Gamma Cetus)	MS	CET	3.5		2.3"		299	
50	NGC 1073			Gal	CET	11.1	14.3	4.9	4.5	15	SBc II
51	NGC 1097	h 2495		Gal	FOR	9.5	13.8	9.4	6.6	130	SBb
52	HR 897		Acamar (Theta Eridanus)	MS	ERI	2.9		8.3"		90	
53	NGC 1232			Gal	ERI	9.8	13.9	7.4	6.5	108	SBc
54	HR 977	HD20234	TW Horologium	CS	HOR	5.7					
55	NGC 1261	D 337		GC	HOR	8.3		6.8			II
56	NGC 1291	D 487		Gal	ERI	8.5	13.4	11.0	9.5	72	SB0-a
57	NGC 1313	D 206		Gal	RET	9.1	13.5	9.2	7.2	38	SBcd
58	NGC 1300			Gal	ERI	10.5	13.9	6.2	4.1	106	SBb I
59	NGC 1316	D 548		Gal	FOR	8.4	13.0	11.0	7.2	50	SB0
60	NGC 1350			Gal	FOR	10.7	13.5	5.2	2.8	0	Sba-b
61	NGC 1360			PN	FOR	9.4		6.4			PN
62	NGC 1365	D 562		Gal	FOR	9.5	13.9	11.0	6.2	32	SBb
63	NGC 1380	D 574		Gal	FOR	9.9	12.2	4.0	2.4	7	SB0
64	NGC 1387			Gal	FOR	10.9	13.0	2.8	2.8		SB0
65	NGC 1395			Gal	ERI	9.8	13.3	5.0	4.5	120	E2
66	NGC 1398			Gal	FOR	9.8	13.6	7.2	5.2	100	SBab
67	NGC 1399	h 2569		Gal	FOR	9.4	13.6	6.9	6.5	76	E1
68	NGC 1404			Gal	ERI	10.2	12.6	3.3	3.0		E1
69	NGC 1407			Gal	ERI	10.1	13.3	4.6	4.3	35	E-S0
70	NGC 1433	D 426		Gal	HOR	9.8	13.6	6.5	5.9	99	SBa
71	IC 348			BN	PER	7.3		7.0			III2pn
72	NGC 1435		Merope Nebula	BN	TAU	13.0		30.0	30.0		RN
73	M 45		Pleiades	OC	TAU	1.6		110.0			OC
74	NGC 1499		California Nebula	BN	PER	5.0		160.0	40.0		EN

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75	NGC 1512			Gal	HOR	10.6	14.7	8.9	5.6	90	SB(r:)b
76	NGC 1515			Gal	DOR	11.4	13.2	5.2	1.1	18	Sc
77	NGC 1514			PN	TAU	10.9		2.2			PN
78	NGC 1532			Gal	ERI	10.6	14.5	11.1	3.2	33	Sc II-III
79	NGC 1543			Gal	RET	10.3	13.0	4.9	2.9	93	SB0
80	NGC 1535		Cleopatra's Eye	PN	ERI	9.6		0.9			PN
81	NGC 1549	h 2629		Gal	DOR	9.6	12.9	4.9	4.1	135	E0
82	NGC 1553	D 331		Gal	DOR	9.0	11.6	4.5	2.8	150	S0
83	NGC 1559			Gal	RET	10.7	12.7	3.5	2.0	64	SBc
84	NGC 1566	D 338		Gal	DOR	9.4	13.6	8.2	6.5	60	SBbc
85	Cr 50		Hyades (Melotta 25)	OC	TAU	0.8		330.0			
86	NGC 1579			BN	PER	9.9		12.0	8.0		EN+RN
87	NGC 1617			Gal	DOR	10.7	12.9	4.3	2.1	107	Sba
88	HR 1475		h 3670	MS	RET	5.8		31.8"		100	
89	Reticulum Dwarf	ESO 118-31		GC	RET	14.2		1.7			
90	HR 1492	HD29712	R Doradus	CS	DOR	5.7					
91	NGC 1672			Gal	DOR	10.2	13.9	6.6	5.5	170	SBc I-II
92	NGC 1647			OC	TAU	6.2		45.0			
93	Dunlop 18		Iota Pictoris	MS	PIC	5.6		12.2"		58	
94	NGC 1763	D 230		BN	DOR	Integrated		25.0			EN+Clusters
95	HR 1607	HD31996	Hind's Crimson Star (R Leporis)	CS	LEP	8.6					
96	NGC 1783			GC	DOR	10.9		2.9			
97	NGC 1818			OC	DOR	9.7		2.5			
98	HR 1648	HD32736	W Orionis	CS	ORI	5.8					
99	NGC 1792			Gal	COL	10.2	12.9	5.2	2.6	137	Sc
100	NGC 1788			BN	ORI	9.0		5.0	3.0		RN
101	NGC 1808	D 532		Gal	COL	9.9	13.3	6.5	3.9	133	SBa
102	NGC 1850			OC	DOR	9.0		3.4			
103	HD 33793	VZ Pictoris	Kapteyn's Star	VS	PIC	9.0					
104	NGC 1866			OC	DOR	9.7		5.1			
105	HR 1713		Rigel (Beta Orionis)	MS	ORI	0.2		9.2"		203	
106	NGC 1851	D 508		GC	COL	7.1		12.0			II
107	IC 405		Flaming Star Nebula	BN	AUR	10.0		50.0	30.0		3:2:3
108	IC 410			BN	AUR	7.5		25.0			II3rn
109	LMC	ESO 56-115	Large Magellanic Cloud (LMC)	GAL	DOR	0.8		648.0	552.0	170	SBm
110	HR 1788		Eta Orionis	MS	ORI	3.3		1.7"		78	

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ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
111	M 79	NGC 1904		GC	LEP	7.7		8.7			V
112	NGC 1955			OC	DOR	9.0		1.9			OCL+EN
113	NGC 1962			OC	DOR	11.5		0.5			
114	IC 418		Red Planetary or Spirograph Nebula	PN	LEP	9.3		0.2			IV
115	NGC 1968			BN + OC	DOR	9.0		1.1			OCL+EN
116	M 38	NGC 1912		OC	AUR	6.4		21.0			II2r
117	NGC 1931			BN	AUR	10.1	6.0				OCL+EN
118	HR 1851		Delta Orionis	MS	ORI	6.8		52.8"		0	
119	M 1	NGC 1952	Crab Nebula	BN	TAU	8.4		6.0	4.0		SNR
120	Cr 69		Lambda Orionis Cluster	OC	ORI	2.8		70.0			
121	HR 1887	ADS 4182	Struve 747	MS	ORI	4.8		36.2"		224	
122	HR 1892		42 Orionis	MS	ORI	4.6		1.1"		205	
123	HR 1893	ADS 4186	Trapezium (Theta Orionis)	MS	ORI	Various					
124	HR 1899		Nair Al Saif (Iota Orionis)	MS	ORI	2.8		11.3"		141	
125	M 42	NGC 1976	Orion Nebula	BN	ORI	4.0		90.0	60.0		EN+RN
126	M 43	NGC 1982	Part of Orion Nebula complex	BN	ORI	9.0		20.0	15.0		
127	NGC 1977		The Running Man	BN	ORI	7.0		40.0	25.0		
128	NGC 1980		Iota Orionis Cluster	EN + OC	ORI	2.8		13.0			III3mn
129	NGC 1981			OC	ORI	4.2		25.0			III3pn
130	M 36	NGC 1960		OC	AUR	6.0		12.0			I3r
131	HR 1931		Sigma Orionis	MS	ORI	3.8		12.7"		84	
132	NGC 2070	D 142	Tarantula Nebula	BN	DOR	5.0		40.0	25.0		EN
133	NGC 2074			OC	DOR	8.5		16.0	10.0		EN
134	HR 1948		Alnitak (Zeta Orionis)	MS	ORI	1.8		2.2"		166	
135	IC 434	B33	Reflection Nebula and Horsehead Nebula (B33)	DN	ORI	11.0		90.0	30.0		3:2:3
136	NGC 2023			BN	ORI	unknown		10.0	8.0		EN+RN
137	NGC 2024		Flame Nebula	BN	ORI	unknown		30.0	30.0		EN
138	NGC 2022			PN	ORI	11.6		0.5	0.5		PN
139	M 78	NGC 2068		BN	ORI	8.0		8.0	6.0		RN
140	M 37	NGC 2099		OC	AUR	5.6		23.0			I2r
141	IC 2149			PN	AUR	10.6		0.3	0.2		3b(2)
142	NGC 2158			OC	GEM	8.6		5.0			II3r
143	M 35	NGC 2168		OC	GEM	5.1		28.0			III3r
144	NGC 2169		The "37" Cluster	OC	ORI	5.9		6.0			III3m
145	NGC 2174			BN	ORI	unknown		2.0	3.0		EN

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146	NGC 2214			OC	DOR	10.9		3.5			
147	HR 2308	HD44984	BL Orionis	CS	ORI	6.3					
148	HR 2356		Beta Monocerotiss	MS	MON	3.8		7.1"	9.8"	133	
149	NGC 2232			OC	MON	4.2		29.0			III2p
150	HR 2384	Dunlop 30	Rumker 65	MS	PUP	5.3		12.2"	.62"	261	
151	NGC 2243			OC	CMA	9.4		5.0			I2r
152	NGC 2237		Rosette Nebula	BN	MON	4.8		90.0	90.0		EN
153	NGC 2244		Rosette Nebula Cluster	OC	MON	4.8		24.0			III2mn
154	NGC 2261		Hubble's Variable Nebula	BN	MON	variable		2.0	1.0		Variable RN
155	NGC 2264		Christmas Tree Cluster + Cone Nebula	OC	MON	4.1		20.0			III3mn
156	HR 2491		Sirius (Alpha Canis Majoris)	MS	ORI	-1.5		8.6"		93	
157	M 41	NGC 2287		OC	CMA	4.5		38.0			I3r
158	NGC 2298	D 578		GC	PUP	9.3		5.0			VI
159	NGC 2301		The Slingshot Cluster	OC	MON	6.0		12.0			I3r
160	HR 2591	HD51208	NP Puppis	CS	PUP	6.4					
161	HR 2618	Adhara	Adhara (Epsilon Canis Majoris)	MS	CMA	1.5		7.0"		161	
162	M 50	NGC 2323		OC	MON	5.9		16.0			II3r
163	NGC 2327		Seagull Nebula	BN	CMA	unknown		20.0			EN
164	NGC 2346			PN	MON	11.6		1.0	0.8		3b(4)
165	NGC 2353			OC	MON	7.1		20.0			III3p
166	HR 2764		h 3945	MS	CMA	4.8		26.8"		52	
167	Cr 135		Pi Puppis Cluster	OC	PUP	3.4		50.0			
168	NGC 2360			OC	CMA	7.2		12.0			I3r
169	NGC 2359		Thors' Helmut	BN	CMA	unknown		10.0	5.0		EN
170	NGC 2362		Tau Canis Majoris Cluster (Northern Jewel Box)	OC	CMA	3.8		8.0			I3r
171	NGC 2371			PN	GEM	11.2		1.2	0.9		PN
172	NGC 2392		Eskimo Nebula	PN	GEM	9.1		0.8	0.7		PN
173	HD 60997	ADS 6216	Struve 1121	MS	PUP	6.9		7.3"		305	
174	M 47	NGC 2422		OC	PUP	4.4		29.0			I3m
175	NGC 2442		The Meathook	Gal	VOL	10.5		6.0	5.5		Sc I-II
176	HR 2949		k Puppis	MS	PUP	3.8		9.9"		318	
177	NGC 2419		Intergalactic Tramp	GC	LYN	10.3		4.1			2
178	NGC 2439			OC	PUP	6.9		10.0			II3r
179	M 46	NGC 2437		OC	PUP	6.1		27.0			II2r
180	NGC 2438			PN	PUP	10.8		1.3	1.1		PN

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181	NGC 2440			PN	PUP	9.4		1.3	0.7		PN
182	M 93	NGC 2447		OC	PUP	6.2		22.0			I3r
183	NGC 2451			OC	PUP	2.8		45.0			II2m
184	NGC 2467			BN	PUP	7.1	15.0				OCL+EN
185	NGC 2477	D 535		OC	PUP	5.8		27.0			I2r
186	IC 2220		Toby Jug Nebula	BN	CAR	Unknown		5.0			SR
187	NGC 2489			OC	PUP	7.9		8.0			I2m
188	NGC 2516	L II.3	Southern Beehive	OC	CAR	3.8		29.0			I3r
189	NGC 2506			OC	MON	7.6		8.0			I2r
190	NGC 2527			OC	PUP	6.5		22.0			III1p
191	Dunlop 65	HR3206	Suhail al Muhlif (Gamma Velorum)	MS	VEL	1.8		41.4"		221	
192	NGC 2539			OC	PUP	6.5		21.0			III2m
193	NGC 2547	D 410		OC	VEL	4.7		20.0			I3rn
194	NGC 2546			OC	PUP	6.3		40.0			III2m
195	M 48	NGC 2548		OC	HYA	5.8		54.0			I3r
196	NGC 2613			Gal	PYX	11.2	13.2	7.2	1.8	113	Sc II
197	NGC 2627			OC	PYX	8.4		11.0			II2r
198	IC 2391		Omicron Velorum Cluster	OC	VEL	2.6		60.0			II3m
199	M 44	NGC 2632	Beehive Cluster or Praesepe	OC	CNC	3.1		95.0			II3m
200	IC 2395			OC	VEL	4.6		13.0			II3m
201	NGC 2659			OC	VEL	8.6		2.7			III2r
202	HR 3485		Delta Velorum	MS	VEL	2.1		.54"		309	
203	NGC 2670			OC	VEL	7.8		9.0			III2m
204	HR 3475	Struve 1268	Iota Cancri	MS	CNC	4.0		30.3"		308	
205	NGC 2669			OC	VEL	6.1		12.0			III3m
206	NGC 2671			OC	VEL	11.6		4.0			I2m
207	Cr 203		Trumpler 10	OC	VEL	5.0		29.0			
208	M 67	NGC 2682		OC	CNC	6.9		29.0			II3r
209	NGC 2683			Gal	LYN	9.6	12.7	9.3	2.2	44	Sb II-II
210	NGC 2736		The Pencil. Part of Vela Supernova Remnant	SR	VEL	10.0		30.0	7.0	20	
211	NGC 2775			Gal	CAN	10.4	13.1	4.3	3.3	155	Sa
212	NGC 2808	D 265		GC	CAR	6.2		13.8			I
213	NGC 2818	D 564		PN	PYX	11.6		0.4			OC+PN
214	NGC 2867			PN	CAR	9.7		0.2			4
215	IC 2488			OC	VEL	7.4		18.0			II3r
216	NGC 2899			PN	VEL	11.8		2.0			

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217	NGC 2910			OC	VEL	7.2		5.0			III3m
218	NGC 2903			Gal	LEO	9.0	13.6	12.6	6.0	17	Sb/Sc I-II
219	NGC 2925			OC	VEL	8.3		12.0			II3m
220	NGC 2972			OC	VEL	9.9		4.0			II1p
221	NGC 2997	D 622		Gal	ANT	9.6	13.9	8.9	6.8	110	Sc I
222	HD 85405		Y Hydra	CS	HYA	6.6					
223	NGC 3114	D 297		OC	CAR	4.2		35.0			II3r
224	NGC 3109		The Wisp	Gal	HYD	9.9	14.3	19.1	3.7	93	SB(s)msp IV-V
225	NGC 3115		Spindle Galaxy	Gal	SEX	8.6	11.6	7.2	2.5	40	E-S0
226	NGC 3132	h 3228	Eight Burst Nebula	PN	VEL	9.2		1.4	0.9		4(2)
227	NGC 3195	h 3241		PN	CHA	11.6		0.7	0.5		PN
228	NGC 3187			Gal	LEO	12.7	13.9	3.0	1.3		S
229	NGC 3199	D 332	Southern Crescent	BN	CAR	11.0		22.0	22.0		EN
230	NGC 3201	D 445		GC	VEL	6.9		18.0			10
231	NGC 3184			Gal	UMA	9.9	14.1	7.4	6.9	135	Sc II
232	NGC 3190			Gal	LEO	11.1	13.0	4.4	1.5	125	Sa II-III
233	HR 4057		Algieba (Gamma Leonis)	MS	LEO	2.0		4.45"		126	
234	NGC 3228			OC	VEL	6.0		5.0			II3p
235	NGC 3242		Ghost of Jupiter	PN	HYA	7.7		0.8	0.6		PN
236	NGC 3247			OC	CAR	7.0		6.0			III2p
237	HR 4143		t Velorum	MS	VEL	5.0		40.3"		163	
238	HR 4153	HD91793	U Antlia	CS	ANT	5.5					
239	NGC 3293	D 321	The Gem Cluster	OC	CAR	4.7		5.0			I3r
240	HR 4163	HD92055	U Hydra	CS	HYA	4.9					
241	NGC 3324			OC	CAR	7.0		5.0			I3rn
242	HR 4177	Dunlop 94		MS	VEL	4.7		14.5"		21	
243	HR 4180	Dunlop 95	x Velorum	MS	VEL	4.3		51.8"		106	
244	Cr 227		Melotte 101	OC	CAR	8.4		15.0			
245	IC 2602		Southern Pleiades	OC	CAR	1.6		50.0			I3r
246	M 95	NGC 3351		Gal	LEO	10.0	13.8	7.4	5.0	13	SBb II
247	NGC 3344			Gal	LMI	10.2	14.2	7.1	6.5		SC II
248	NGC 3372	D 309	Eta Carina Nebula	BN	CAR	3.0		120.0	120.0		EN
249	M 96	NGC 3368		Gal	LEO	9.3	13.1	7.6	5.2	5	Sa/Sb
250	M 105	NGC 3379		Gal	LEO	9.4	12.9	5.4	4.8	71	E1
251	NGC 3384			Gal	LEO	9.7	12.4	5.5	2.5	53	E-S0
252	BD-20 3283	HIP 53085	V Hydra	CS	HYA	6.5					

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
253	NGC 3486			Gal	LMI	10.3	14.0	7.1	5.2	80	Sc II
254	NGC 3521			Gal	LEO	9.3	13.6	11.0	5.1	163	SB II
255	NGC 3532	D 323	Football Cluster	OC	CAR	3.0		55.0	50.0		II3r
256	NGC 3572			OC	CAR	6.6		6.0			II3mn
257	NGC 3576		Little Tarantula	BN	CAR	integrated		1.0			EN
258	NGC 3603			OC	CAR	9.1		2.5			II3mn
259	NGC 3607			Gal	LEO	9.9	12.5	4.9	4.0	120	E-S0
260	IC 2714			OC	CAR	8.2		15.0			II2r
261	M 65	NGC 3623		Gal	LEO	9.3	12.7	9.8	2.9	174	Sa II
262	NGC 3621	D 617		Gal	HYA	9.2	13.9	12.3	7.1	159	Sc
263	Cr 246		Melotte 105	OC	CAR	9.4		5.0			
264	M 66	NGC 3627		Gal	LEO	9.0	12.8	9.1	4.2	173	Sb II
265	NGC 3626			Gal	LEO	10.6	12.3	2.7	1.9	157	S0/Sa
266	NGC 3628			Gal	LEO	9.8	13.7	14.8	3.0	104	Sb
267	NGC 3699	h 3345		PN	CEN	11.3		1.2			PN
268	IC 2944		Lambda Centauri Cluster	OC	CEN	2.9		14.0			III3mn
269	NGC 3766	D 289		OC	CEN	5.3		12.0			I3r
270	IC 2948	Frost	Lamda Centauri Nebula (Running Chicken)	BN	CEN	4.5		45.0	40.0		EN+OCL
271	NGC 3810			Gal	LEO	10.8	13.4	4.3	3.0	15	Sc I
272	NGC 3918	h 3365	Blue Planetary	PN	CEN	8.1		0.3			PN
273	NGC 3960			OC	CEN	8.3		6.0			I2m
274	NGC 3923			Gal	HYA	10.0	13.4	5.9	3.9	50	E
275	NGC 4038		The Antennae	Gal	CRV	10.5	13.3	5.2	3.1	80	Sc
276	NGC 4039		The Antennae	Gal	CRV	10.7	12.2	3.1	1.6	130	SBm
277	NGC 4052			OC	CRU	8.8		10.0	7.0		III2r
278	NGC 4103	D 291		OC	CRU	7.4		6.0			I2m
279	NGC 4147			GC	COM	10.4		4.0			6
280	M 98	NGC 4192		Gal	COM	10.0	13.4	9.8	2.8	155	SAB(s)ab II
281	NGC 4214			Gal	CVN	9.8	14.0	8.5	6.6	144	Irr III-IV
282	NGC 4216			Gal	VIR	10.2	12.9	8.1	1.8	19	SAB(s)b:II
283	NGC 4244		Silver Needle Galaxy	Gal	CVN	10.0	13.6	16.6	1.9	48	SA(s)cd:sp IV
284	M 106	NGC 4258		Gal	CVN	8.7	13.9	18.6	7.2	150	SAB(s)bc II
285	M 99	NGC 4254		Gal	COM	9.7	13.0	5.4	4.7	51	SA(s)c I
286	NGC 4275			Gal	COM	12.8	12.8	0.8	0.7		Sc
287	M 61	NGC 4303		Gal	VIR	9.6	13.4	6.5	5.8	162	SAB(rs)bc I-II
288	M 100	NGC 4321		Gal	COM	9.7	13.8	7.4	6.3	30	SAB(s)bc I

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
289	NGC 4337			OC	CRU	8.9		3.5			II3p
290	NGC 4349			OC	CRU	7.4		15.0			II2m
291	NGC 4361			PN	CRV	10.9		1.9			3a(2)
292	NGC 4365			Gal	VIR	9.6	13.4	6.9	5.0	40	E3
293	Cr 256		Coma Star Cluster (Melotte 111)	OC	COM	2.9		120.0			
294	H 5			OC	CRU	8.5		7.0			
295	HD 108105		SS Virginis	CS	VIR	7.8					
296	M 84	NGC 4374		Gal	VIR	9.4	13.3	6.5	5.6	135	E1
297	M 85	NGC 4382		Gal	COM	9.2	13.1	7.1	5.5	5	SA(s)+P
298	NGC 4372	D 67		GC	MUS	7.2		18.6			XII
299	HR 4730		Acrux (Alpha Crucis)	MS	CRU	1.4		3.9"		114	
300	M 86	NGC 4406		Gal	VIR	9.0	13.2	8.9	5.8	130	E3
301	NGC 4449			Gal	CVN	9.8	13.2	6.2	4.4	45	Irr III
302	M 49	NGC 4472		Gal	VIR	8.4	13.2	10.2	8.3	155	E
303	NGC 4463			OC	MUS	7.2		5.0			I3m
304	M 87	NGC 4486	Virgo A	Gal	VIR	8.8	13.1	8.3	6.6	170	E
305	NGC 4485			Gal	CVN	12.1	13.4	2.3	1.6	15	Irr III-IV
306	NGC 4490			Gal	CVN	9.8	12.9	6.3	3.1	125	SBcd
307	Coal Sack	DC 300.7-001.0		DN	CRU	Nil		360.0	240.0		DN
308	M 88	NGC 4501		Gal	COM	9.7	13.1	6.9	3.7	140	Sb/Sc I
309	NGC 4494			Gal	COM	9.7	12.7	4.8	3.5	171	E1
310	NGC 4526			Gal	VIR	9.5	12.5	7.2	2.4	113	S0
311	H 6			OC	MUS	9.9		7.0			
312	HR 4792		24 Comae	MS	COM	5.0		19.9"		270	
313	M 89	NGC 4552		Gal	VIR	9.8	13.2	5.1	4.7		E
314	NGC 4559			Gal	COM	9.8	13.9	10.7	4.4	150	Sc II-III
315	M 90	NGC 4569		Gal	VIR	9.6	13.5	9.5	4.4	23	Sb
316	NGC 4565		The Spindle	Gal	COM	9.5	13.2	15.8	2.1	136	Sb I
317	NGC 4567		Siamese Twins	Gal	VIR	11.5	13.3	3.0	2.0	85	Sc
318	NGC 4568		Siamese Twins	Gal	VIR	11.2	13.5	4.6	2.0	23	Sc
319	M 58	NGC 4579		Gal	VIR	10.1	13.5	5.9	4.7	95	Sb
320	M 104	NGC 4594	Sombrero Hat Galaxy	Gal	VIR	7.9	11.4	8.7	3.5	90	Sb-
321	M 68	NGC 4590		GC	HYA	7.3		12.0			X
322	HR 4819		Gamma Centaurus	MS	CEN	2.2		.4"		327	
323	HR 4825		Gamma Virginis	MS	VIR	2.7		1.3"		26	
324	M 59	NGC 4621		Gal	VIR	9.8	13.0	5.4	3.7	165	E

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
325	NGC 4609		Coalsack Cluster	OC	CRU	6.9		5.0			II2m
326	NGC 4631			Gal	CVN	9.1	13.0	15.5	2.7	86	Sc III
327	NGC 4636			Gal	VIR	9.7	13.3	6.0	4.7	150	E
328	M 60	NGC 4649		Gal	VIR	8.8	12.9	7.4	6.0	105	E
329	HR 4844		Beta Musca	MS	MUS	3.0		1.3"		49	
330	EsB 365	DY Crucis	Ruby Crucis	Star	CRU	9.1					
331	NGC 4696		Part of Galaxy Cluster Abell 3526	Gal	CEN	10.5	13.4	4.5	3.2	95	S0
332	NGC 4697			Gal	VIR	9.2	13.0	7.2	4.7	70	E6
333	NGC 4699			Gal	VIR	10.2	12.5	3.8	2.6	45	SBb
334	NGC 4710			Gal	COM	10.9	12.7	4.9	1.2	27	SO-a
335	M 94	NGC 4736		Gal	CVN	8.0	12.9	11.2	9.1	105	Sb
336	NGC 4725			Gal	COM	9.2	13.8	10.7	7.6	35	Sb/SBb I
337	NGC 4753			Gal	VIR	10.5	13.4	6.0	2.8	80	S0
338	NGC 4762			Gal	VIR	10.0	12.8	8.7	1.7	32	SB0
339	NGC 4755	D 301	Jewel Box	OC	CRU	4.2		10.0			I3r
340	Dunlop 126	HR4898	Mu Crucis	MS	CRU	4.0		34.6"		17	
341	HR 4915	Struve 1692	Cor Caroli (Alpha Canes Venatici)	MS	CVN	2.9		19.1"		229	
342	M 64	NGC 4826	Black Eye Galaxy	Gal	COM	8.4	12.6	10.0	5.4	115	Sb
343	NGC 4815			OC	MUS	8.6		3.0			I2r
344	NGC 4833	D 164	Southern Butterfly	GC	MUS	8.4		13.5			VIII
345	NGC 4852			OC	CEN	8.9		11.0			I3r
346	NGC 4889			Gal	COM	11.5	13.3	2.9	1.9	80	E
347	NGC 4945	D 411	The Tweezers Galaxy	Gal	CEN	8.9	13.5	20.0	3.8	43	SBc
348	NGC 4976			Gal	CEN	10.2	13.2	5.6	3.0	161	S0
349	NGC 5005			Gal	CVN	10.3	13.2	5.8	2.8	65	Sb II
350	M 53	NGC 5024		GC	COM	7.7		13.0			V
351	M 63	NGC 5055	Sunflower Galaxy	Gal	CVN	9.0	13.8	12.6	7.2	105	Sb II
352	HD 115236		UY Centauri	CS	CEN	8.3					
353	NGC 5061			Gal	HYA	10.5	13.0	3.5	3.0		E
354	NGC 5068			Gal	VIR	9.8	13.8	7.2	6.3	110	Sd
355	NGC 5078			Gal	HYA	10.8	12.8	4.0	1.9	148	SO
356	NGC 5102	h 3492		Gal	CEN	9.1	12.4	8.7	2.8	48	S0
357	NGC 5128	D 482	Centaurus A (Hamburger Galaxy)	Gal	CEN	6.8	13.5	25.7	20.0	35	(E0+Sb)
358	NGC 5139	D 440	Omega Centauri	GC	CEN	3.9		36.0			VIII
359	M 51	NGC 5194	Whirlpool Galaxy	Gal	CVN	8.5	13.1	11.0	7.8	163	Sc I
360	NGC 5189	D 252	Spiral Planetary	PN	MUS	10.3		2.3			V

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ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
361	ESO 270-17		Fourcade-Figueroa Object	Gal	CEN	11.8		17.0	2.0	118	Sbs IX
362	M 83	NGC 5236	Southern Pinwheel	Gal	HYA	7.8	13.0	15.4	13.1	45	SAB(s)c I-II
363	NGC 5248			Gal	BOO	10.0	13.5	6.2	4.5	110	SAB(rs)bc I
364	NGC 5237	ESO 270-22		Gal	CEN	12.2	13.5	2.0	1.6	115	
365	NGC 5253			Gal	CEN	10.7	13.0	5.0	1.9	45	ImP
366	M 3	NGC 5272		GC	CVN	6.3		18.0			VI
367	NGC 5281			OC	CEN	5.9		8.0			I3m
368	NGC 5286	D 388		GC	CEN	7.4		9.1			V
369	NGC 5316			OC	CEN	6.0		13.0			II2r
370	NGC 5364			Gal	VIR	10.5	14.1	6.8	4.4	30	Sbc/P
371	HR 5267		Agena / Hadar (Beta Centaurii)	MS	CEN	0.6		.87"		234	
372	NGC 5460			OC	CEN	5.6		35.0			I3m
373	ESO 97-13		Circinus Dwarf Galaxy	Gal	CIR	10.9	15.3	7.0	3.5	40	SAS3
374	IC 4406	Stewart		PN	LUP	10.3		1.7	0.6		4(3)
375	NGC 5617	D 302		OC	CEN	6.3		10.0			I3r
376	NGC 5634			GC	VIR	9.5		4.9			IV
377	NGC 5643			Gal	LEP	10.5	13.5	4.6	4.0		Sc III
378	He 2-111	ESO 134-7		PN	CEN	13.0		0.5			
379	NGC 5662			OC	CEN	5.5		30.0			II3r
380	HR 5459		Alpha Centauri (Rigel Kentaurus)	MS	CEN	0.0		7.12"		243	
381	NGC 5694			GC	HYA	10.2		3.6			VII
382	HR 5478		Zeta Bootis	MS	BOO	3.8		.6"		295	
383	Dunlop 166		Alpha Circinus	MS	CIR	3.2		15.6"		227	
384	HR 5505	HD129988	Izar (Epsilon Bootes)	MS	BOO	4.7		2.9"		343	
385	IC 4499			GC	APS	10.1		8.0			II
386	NGC 5824			GC	LUP	9.1		6.2			I
387	NGC 5822	D h 3588		OC	LUP	6.5		39.0			II2r
388	HR 5605		Pi Lupus	MS	LUP	3.9		1.6"		71	
389	NGC 5823			OC	CIR	7.9		12.0			II2r
390	NGC 5882	D h 3594		PN	LUP	9.4		0.3			PN
391	NGC 5897		Ghost Globular	GC	LIB	8.4		13.0			II
392	M 5	NGC 5904		GC	SER	5.7		23.0			V
393	HR 5694	ADS 9584	5 Serpentis	MS	SER	5.0		11.4"		36	
394	NGC 5925			OC	NOR	8.4		20.0			III2r
395	NGC 5927	D 389		GC	LUP	8.0		6.0			VIII
396	HR 5788		Delta Serpens	MS	SER	5.1		4.0"		173	

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
397	NGC 5946			OC	NOR	8.4		3.0			IX
398	NGC 5986	D 552		GC	LUP	7.6		9.8			VII
399	PK 329-2.1		Shapley 1	PN	NOR	13.6		1.3			
400	NGC 5999			OC	NOR	9.0		3.0			I2m
401	NGC 6005			OC	NOR	10.7		3.0			I2m
402	Cr 295		Trumpler 23	OC	NOR	11.2		9.0			
403	SL 7			DN	LUP	Nil		160.0	10.0		DN
404	NGC 6025	D 304		OC	TRA	5.1		12.0			II3r
405	HR 5978		Xi Scorpii	MS	SCO	4.1		7.6"		46	
406	HR 5984		Beta Scorpii	MS	SCO	2.6		13.6"		20	
407	HR 6026		Jabbah (Nu Scorpii - Southern Double Double)	MS	SCO	4.0		1.3"	2.4"	2	
408	NGC 6072	h 3620		PN	SCO	11.7		1.2			PN
409	NGC 6067	D 360		OC	NOR	5.6		12.0			I3r
410	H 10			OC	NOR	9.0		30.0			
411	M 80	NGC 6093		GC	SCO	7.3		8.9			II
412	Menzel 3	ESO 225-9	Ant Nebula	PN	NOR	13.8		0.8	0.2		PN
413	NGC 6087		S Normae Cluster	OC	NOR	5.4		12.0			II2m
414	M 4	NGC 6121		GC	SCO	5.4		26.0			IX
415	HR 6112		Rho Ophiuchus	MS	OPH	4.6		2.9"		340	
416	IC 4603			BN	OPH	unknown		35.0	20.0		RN+SR
417	NGC 6101			GC	APS	9.2		10.7			X
418	NGC 6124	D 514		OC	SCO	5.8		40.0			I3r
419	NGC 6134	D 412		OC	NOR	7.2		6.0			II3m
420	NGC 6139			GC	SCO	9.1		5.5			II
421	NGC 6144			GC	SCO	9.0		9.3			XI
422	HR 6134		Antares (Alpha Scorpii)	MS	SCO	1.0		2.1"		277	
423	NGC 6153	Copeland		PN	SCO	10.9		0.5	0.4		IV
424	M 107	NGC 6171		GC	OPH	7.8		10.0			X
425	NGC 6152			OC	NOR	8.1		29.0			III3r
426	NGC 6164			BN	NOR	unknown		4.0	0.5		III
427	NGC 6167	D 400		OC	NOR	6.7		7.0			II3m
428	NGC 6188	h 3642		BN	ARA	5.2		20.0	12.0		EN+RN
429	NGC 6192			OC	SCO	8.5		7.0			I 2 r
430	M 13	NGC 6205		GC	HER	5.8		17.0			V
431	NGC 6193			OC	ARA	5.2		14.0			II3p

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432	NGC 6210			PN	HER	8.8		0.8	0.4		2(3b)
433	M 12	NGC 6218		GC	OPH	6.1		15.0			IX
434	NGC 6208			OC	ARA	7.2		15.0			III2r
435	NGC 6216			OC	SCO	10.1		4.0			I2m
436	NGC 6235			GC	OPH	8.9		5.0			X
437	NGC 6231	D 499	Northern Jewel Box (False Comet Cluster)	OC	SCO	2.6		14.0			I3p
438	NGC 6242			OC	SCO	6.4		9.0			I3m
439	IC 4628	Barnard		BN	SCO	unknown		90.0	60.0		EN
440	M 10	NGC 6254		GC	OPH	6.6		15.0			VII
441	NGC 6250			OC	ARA	5.9		7.0			II3r
442	NGC 6253			OC	ARA	10.2		5.0			II1m
443	H 13			OC	ARA	9.0		15.0			
444	M 62	NGC 6266		GC	OPH	6.4		14.0			IV
445	M 19	NGC 6273		GC	OPH	6.8		14.0			VIII
446	NGC 6281			OC	SCO	5.4		8.0			II2p
447	NGC 6284			GC	OPH	8.9		5.6			IX
448	NGC 6287			GC	OPH	9.3		5.1			VII
449	NGC 6293			GC	OPH	8.3		7.9			IV
450	NGC 6302		Bug Nebula	PN	SCO	9.6		1.4	0.4		VI
451	HR 6406		Rasalgethi (Alpha Herculis)	MS	HER	3.0		4.6"		104	
452	NGC 6304			GC	OPH	8.3		6.8			VI
453	NGC 6309			PN	OPH	11.5		0.3			3b(6)
454	NGC 6316			GC	OPH	8.1		4.9			III
455	NGC 6318			OC	SCO	11.8		5.0			III2p
456	M 92	NGC 6341		GC	HER	6.5		14.0			IV
457	NGC 6322			OC	SCO	6.0		10.0			I3m
458	M 9	NGC 6333		GC	OPH	7.8		9.3			VIII
459	NGC 6334		Cats Paw Nebula	BN	SCO	unknown		35.0	20.0		EN
460	NGC 6337		Diamond Ring	PN	SCO	12.3		0.8	0.7		IV
461	HR 6484	HD157778	Rho Herculis	MS	HER	5.4		4.0"		320	
462	NGC 6356			GC	OPH	8.2		7.2			II
463	IC 4651			OC	ARA	6.9		10.0			II2r
464	NGC 6357	h 3682		BN	SCO	Unknown		35.0	25.0		EN+OCL
465	NGC 6352			GC	ARA	7.8		7.1			XI
466	NGC 6369			PN	OPH	11.4		1.0	0.6		4(2)
467	NGC 6362	D 225		GC	ARA	8.1		10.7			X

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
468	NGC 6388	D 457		GC	SCO	6.8		8.7			III
469	M 14	NGC 6402		GC	OPH	7.6		12.0			VIII
470	M 6	NGC 6405	Butterfly Cluster	OC	SCO	4.2		33.0			II3r
471	NGC 6397	D 366		GC	ARA	5.3		25.7			IX
472	HD 160435		V Pavo	CS	PAV	6.7					
473	NGC 6416			OC	SCO	5.7		15.0			III2m
474	IC 4665			OC	OPH	4.2		70.0			III2p
475	NGC 6440			GC	SGR	9.3		5.4			V
476	NGC 6445			PN	SGR	11.2		0.6	0.5		3b(3)
477	NGC 6441	D 557		GC	SCO	7.2		7.8			III
478	NGC 6453			GC	SCO	10.2		3.5			IV
479	M 7	NGC 6475	Ptolemy's Cluster	OC	SCO	3.3		80.0			I3r
480	GL 699	HIP 87937	Barnard's Star	Star	OPH	9.6					
481	M 23	NGC 6494		OC	SGR	5.5		30.0			II2r
482	HR 6693		h 5003	MS	SGR	5.0		5.8		107	
483	NGC 6496			GC	CRA	8.6		6.9			XII
484	HN 40		Triffid Nebula Cluster	MS	SAG	7.0		Various		Various	
485	M 20	NGC 6514	Trifid Nebula	BN	SGR	6.3		20.0	20.0		EN+OCL
486	NGC 6520	Barnard 86	Ink Spot	DN	SGR	7.6		6.0			I2rn
487	NGC 6522	h 3720	Baade's Window	GC	SGR	9.9		5.6			VI
488	Barnard 87	LDN 1771	The Parrot's Head	DN	SGR			12.0			
489	M 21	NGC 6531		OC	SAG	5.9		15.0			I3r
490	M 8	NGC 6533	Lagoon Nebula	BN	SGR	5.0		90.0	40.0		EN+Cluster
491	NGC 6528			GC	SGR	9.6		3.7			V
492	NGC 6530			OC	SAG	4.6		14.0			II2mn
493	HR 6752	ADS 11046	70 Ophiuchus	MS	OPH	4.1		5.7"		132	
494	NGC 6537		Red Spider Nebula	PN	SAG	11.6		0.1			2a(6)
495	NGC 6544			GC	SGR	7.5		8.9			V
496	PK 342-14.1		Shapley 3	PN	ARA	11.9		0.6			
497	NGC 6541	D 473		GC	CRA	6.3		13.0			III
498	NGC 6553			GC	SGR	8.3		9.2			XI
499	NGC 6563	D 606		PN	SGR	11.0		0.9	0.7	60	3a
500	NGC 6572			PN	OPH	8.1		0.3	0.2		2a
501	NGC 6567			PN	SGR	11.0		0.2	0.1		2a(3)
502	NGC 6569			GC	SGR	8.4		5.8			VIII
503	NGC 6590			BN	SGR	7.0		4.0	3.0		III3mn

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
504	IC 4703		Starqueen Nebula in M16	BN	SER	unknown		35.0	28.0		EN
505	M 16	NGC 6611	Eagle Nebula	OC	SER	6.0		120.0	25.0		II3mn
506	NGC 6584			GC	TEL	7.9		7.9			VIII
507	NGC 6603			OC	SGR	11.1		5.0			I2rn
508	NGC 6604			OC	SER	6.5		4.0			I3mn
509	M 18	NGC 6613		OC	SGR	6.9		9.0			II3pn
510	M 17	NGC 6618	Swan or Omega Nebula	BN	SGR	6.0		20.0	15.0		III3mn
511	NGC 6624	D h 3742		GC	SGR	7.6		8.8			VI
512	M 28	NGC 6626		GC	SGR	6.9		11.0			IV
513	M 24	IC 4715	Sagittarius Star Cloud	OC	SGR	4.6					
514	NGC 6633			OC	OPH	4.6		20.0			III2m
515	NGC 6638			GC	SGR	9.2		7.0			VI
516	M 25	IC 4725		OC	SGR	4.6		32.0			I3m
517	M 69	NGC 6637		GC	SGR	7.6		7.1			V
518	NGC 6642			GC	SGR	8.9		4.5			V
519	NGC 6652			GC	SGR	8.5		3.5			VI
520	M 22	NGC 6656		GC	SGR	5.2		24.0			VII
521	IC 4756			OC	SER	4.6		40.0			II3r
522	M 70	NGC 6681		GC	SGR	7.8		7.8			V
523	HR 7051		Epsilon Lyrae	MS	LYR	4.7		210.5"	2.37"	174	
524	HR 7056		Zeta Lyrae	MS	LYR	4.4		43.8"	25.5"	150	
525	M 26	NGC 6694		OC	SCT	8.0		14.0			II 3 m
526	HR 7089	HD174325	S Scutum	CS	SCT	6.7					
527	M 11	NGC 6705	Wild Duck Cluster	OC	SCT	5.8		13.0			I2r
528	M 57	NGC 6720	Ring Nebula	PN	LYR	8.8		1.5	1.0	55	4(3)
529	NGC 6712			GC	SCT	8.1		7.2			IX
530	M 54	NGC 6715		GC	SGR	7.7		9.1			III
531	HR 7141	ADS 11853	Theta Serpentis	MS	SER	4.0		22.1"		104	
532	NGC 6723	D 573		GC	SGR	6.8		11.0			VII
533	NGC 6726			BN	CRA	unknown		2.0			RN
534	NGC 6729		R Coronae Australis Nebula	BN	CRA	9.7		1.0			complex
535	Bernes 157	DC 359.7-018.2		DN	CRA			6.0			
536	HR 7220	HD177336	V Aquila	CS	AQL	7.5					
537	NGC 6751			PN	AQL	11.9		0.4			III
538	HR 7226		Gamma Corona Australis	MS	CRA	4.2		1.34"		15	
539	NGC 6744	D 262		Gal	PAV	8.8	14.7	20.0	12.9	15	Sc II

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
540	NGC 6752	D 295	Pavo Globular (The Starfish)	GC	PAV	5.3		20.4			VI
541	M 56	NGC 6779		GC	LYR	8.4		7.1			X
542	NGC 6769			Gal	PAV	11.9	13.1	2.3	1.5	123	SBb/P
543	NGC 6781			PN	AQL	11.4		1.9	1.8		3b(3)
544	NGC 6791		Levy's False Comet	OC	LYR	9.5		10.0			l2r
545	Dunlop 226		Beta Sagitarii	MS	SGR	4.0		29.6"		77	
546	Cr 399			OC	VUL	4.8		89.0			
547	HR 7417		Albireo (Beta Cygnii)	MS	CYG	3.1		34.4"		54	
548	HR 7463		Epsilon Sagittae	MS	SGE	5.7		87.4"			
549	HR 7475	HN 84		MS	SGE	6.4		28.2		302	
550	M 55	NGC 6809		GC	SGR	6.3		19.0			XI
551	NGC 6818		Little Gem	PN	SGR	9.3		0.4	0.3		IV
552	NGC 6822		Barnard's Galaxy	Gal	SGR	9.9	15.5	15.5	13.5	5	IB(s)m IV-V
553	Dunlop 227	HR7548		MS	TEL	5.8		22.9"		148	
554	M 71	NGC 6838		GC	SGE	8.4		7.2			GCL
555	M 27	NGC 6853	Dumbbell Nebula	PN	VUL	7.4		8.0	5.7		3(2)
556	NGC 6857			BN	CYG	11.4		3.0			3:2:3
557	M 75	NGC 6864		GC	SGR	8.6		6.0			I
558	NGC 6885			OC	VUL	8.1		20.0			II 2 p
559	NGC 6888		Crescent Nebula	BN	CYG	10.0		20.0	10.0		2:3:3
560	NGC 6891			PN	DEL	10.5		1.2	1.0		2a(2b)
561	NGC 6876			Gal	PAV	11.2	13.1	2.4	2.0	80	SO
562	NGC 6905			PN	DEL	11.1		0.7	0.6		3(3)
563	NGC 6934			GC	DEL	8.9		7.0			VIII
564	HR 7947		Gamma Delphinus	MS	DEL	5.1		9.1"		265	
565	M72	NGC 6981		GC	AQR	9.2		5.9			IX
566	NGC 6992		Veil Nebula	SR	CYG	7.0		60.0	8.0		3:3:3
567	NGC 7000		North American Nebula	BN	CYG	4.0		100.0	60.0		3:3:2
568	NGC 7006			GC	DEL	10.6		2.8			1
569	NGC 7009		Saturn Nebula	PN	AQR	8.0		0.7	0.4		4(6)
570	NGC 7026			PN	CYG	10.9		0.5	0.2		3a
571	NGC 7027			PN	CYG	8.5		0.3	0.2		3a
572	HR 8140		Theta Indi	MS	IND	4.4		6.7"		273	
573	HR 8145	HD202874	T Indus	CS	IND	6.1					
574	HR 8156	HD203133	Y Pavo	CS	PAV	6.4					
575	M 15	NGC 7078		GC	PEG	6.3		12.0			IV

ID #	Target Name	Other Names	Common Name	Type	Con	Vmag	SB	Max	Min	PA	Sub Type
ID #	Target Name	Other Names	Common Name	Type	CON	Vmag	SB	Max	Min	PA	Sub Type
576	M 2	NGC 7089		GC	AQR	6.6		13.0			II
577	M 30	NGC 7099		GC	CAP	6.9		11.0			V
578	IC 5148	also IC 5150		PN	GRU	11.0		2.0			IV
579	Hickson 90		Klemora 4	Gal Cl	PSA	10.1		7.4			
580	IC 5152			Gal	IND	10.5	13.4	5.0	3.2	100	Irr IV
581	IC 5201	ESO 289-G018		Gal	GRU	10.8	14.5	8.5	3.9		SBcIII
582	HR 8521	HD212087	pi-1 Gru	MS	GRU	6.0		2.8"		201	
583	HR 8558		Zeta Aquarii	MS	AQR	3.6		2.2"		174	
584	NGC 7293		Helix Nebula	PN	AQR	7.3		17.6			4(3)
585	Dunlop 240	HR8576	Beta Piscis Austrini	MS	PSA	4.3		30.3"		172	
586	NGC 7320		Stephan's Quintet of Galaxies	Gal	PEG	13.1	14.0	2.2	1.1	132	Sc
587	NGC 7331			Gal	PEG	9.7	13.5	10.5	3.7	171	Sb I-II
588	NGC 7410			Gal	GRU	10.6	12.8	5.5	2.0	45	Sa
589	IC 1459			Gal	GRU	10.0	12.5	5.2	1.8	40	E3
590	NGC 7424			Gal	GRU	10.4	15.0	9.5	8.1		S(B)c II
591	NGC 7456			Gal	GRU	11.7	14.0	5.5	1.6	23	Sc
592	NGC 7479			Gal	PEG	11.0	13.6	4.1	3.1	25	SBb I
593	NGC 7552			Gal	GRU	10.7	12.9	3.4	2.7	1	Sbab
594	NGC 7582		Grus Quartet of galaxies	Gal	GRU	10.6	13.0	5.0	2.1	157	Sbab
595	NGC 7590			Gal	GRU	11.6	12.6	2.7	1.0	36	Sc
596	NGC 7599			Gal	GRU	11.4	13.1	4.4	1.3	57	Sbc
597	NGC 7662		Blue Snowball	PN	AND	8.3		0.6	0.5		4(3)
598	IC 5332			Gal	SCU	10.4	14.9	8.9	8.2	159	SA(s)d
599	HR 9004	HD223075	19=TX Psc	CS	PSC	5.0					
600	NGC 7793	D 608		Gal	SCL	9.2	13.5	9.3	6.3	98	Sdm III-IV

ID #	Target Name	Sub Type	Right Ascension			Declination				Best Month to Observe (10 pm)
			(J2000)							
			hr	min	sec	dec	d	m	s	
1	NGC 7814	SA(s)ab:sp	0	3	14.8	+	16	8	43	Oct
2	NGC 55	SBm	0	15	8.0	-	39	13	10	Oct
3	Kron 7		0	23	18.0	-	73	21	0	Oct
4	NGC 104	III	0	24	5.2	-	72	4	49	Oct
5	NGC 134	SAB(s)bc	0	30	21.0	-	33	14	50	Oct
6	HR 126		0	31	32.8	-	62	57	30	Oct
7	NGC 157	SAB(rs)bc	0	34	46.7	-	8	23	48	Oct
8	ESO 350-40	S	0	37	41.7	-	33	43	1	Oct
9	M 110	E5 pec	0	40	21.9	+	41	41	26	Oct
10	M 31	SA(s)b II	0	42	44.3	+	41	16	6	Oct
11	M 32	cE2	0	42	41.8	+	40	51	52	Oct
12	NGC 246	PN	0	47	3.3	-	11	52	17	Oct
13	NGC 247	SBcd	0	47	8.3	-	20	45	36	Oct
14	NGC 253	SBc	0	47	33.1	-	25	17	15	Oct
15	NGC 288	X	0	52	46.4	-	26	35	10	Oct
16	NGC 292	SB(s)mP	0	52	38.0	-	72	48	1	Oct
17	NGC 300	Scd	0	54	53.3	-	37	41	3	Oct
18	NGC 330		0	56	18.0	-	72	28	0	Oct
19	NGC 346	OCL	0	59	5.0	-	72	10	38	Oct
20	ESO 351-30	E	1	0	9.4	-	33	42	33	Nov
21	NGC 362	III	1	3	14.3	-	70	50	52	Nov
22	NGC 371	EN+Cluster	1	3	29.5	-	72	3	25	Nov
23	IC 1613	IB(s)m V	1	4	47.5	+	2	7	7	Nov
24	NGC 419		1	8	18.0	-	72	53	0	Nov
25	IC 1633	E1	1	9	55.5	-	45	55	53	Nov
26	NGC 404	SA(s)O-	1	9	26.9	+	35	43	4	Nov
27	HR 423		1	26	58.1	-	32	32	36	Nov
28	M 33	SA(s)cd II-III	1	33	50.8	+	30	39	37	Nov
29	NGC 613	SBrsbc	1	34	18.0	-	29	25	0	Nov
30	NGC 681	SAB(s)absp	1	35	5.7	-	7	20	28	Nov
31	M 74	SA(s)c	1	36	41.6	+	15	47	3	Nov
32	NGC 2573	SABscd	1	41	42.8	-	89	20	4	Nov
33	NGC 615	SA(rs)b	1	49	10.8	-	10	25	40	Nov
34	HR 545		1	53	31.9	-	19	17	44	Nov
35	NGC 720	E5	1	53	0.4	-	13	44	21	Nov
36	NGC 752	II 2 r	1	57	47.9	+	37	51	0	Nov
37	NGC 772	Sb I	1	59	20.3	+	19	0	22	Nov
38	HR 596		2	2	0.0	+	2	46	0	Nov

ID #	Target Name	Sub Type	Right Ascension			Declination				Best Month to Observe (10 pm)
			(J2000)							
			hr	min	sec	dec	d	m	s	
ID #	Target Name	Sub Type	Right Ascension			Declination				Best Month to Observe (10 pm)
(J2000)										
hr	min	sec	dec	d	m	s				
39	HR 681		2	19	20.8	-	2	58	42	Nov
40	NGC 891	Sb	2	22	33.0	+	42	20	50	Nov
41	NGC 908	Sc I	2	23	4.7	-	21	14	3	Nov
42	NGC 936	SB0-a	2	27	37.5	-	1	9	23	Nov
43	ESO 356-04	E	2	39	59.4	-	34	26	57	Nov
44	NGC 1049		2	39	48.0	-	34	15	30	Nov
45	NGC 1023	E/SB0	2	40	24.1	+	39	3	48	Nov
46	NGC 1055	Sb II-III	2	41	41.5	+	0	26	32	Nov
47	M 34	II3r	2	42	7.4	+	42	44	46	Nov
48	M 77	Sb	2	42	40.8	-	0	0	47	Nov
49	HR 804		2	43	17.9	+	3	14	8	Nov
50	NGC 1073	SBc II	2	43	40.6	+	1	22	31	Nov
51	NGC 1097	SBb	2	46	19.5	-	30	16	32	Nov
52	HR 897		2	58	15.6	-	40	18	17	Nov
53	NGC 1232	SBc	3	9	45.3	-	20	34	45	Dec
54	HR 977		3	12	33.2	-	57	19	17	Dec
55	NGC 1261	II	3	12	15.3	-	55	12	59	Dec
56	NGC 1291	SB0-a	3	17	18.3	-	41	6	26	Dec
57	NGC 1313	SBcd	3	18	16.0	-	66	29	43	Dec
58	NGC 1300	SBb I	3	19	40.9	-	19	24	40	Dec
59	NGC 1316	SB0	3	22	41.4	-	37	12	28	Dec
60	NGC 1350	Sba-b	3	31	6.0	-	33	38	0	Dec
61	NGC 1360	PN	3	33	14.6	-	25	52	16	Dec
62	NGC 1365	SBb	3	33	36.7	-	36	8	27	Dec
63	NGC 1380	SB0	3	36	27.5	-	34	58	31	Dec
64	NGC 1387	SB0	3	36	57.1	-	35	30	23	Dec
65	NGC 1395	E2	3	38	29.6	-	23	1	38	Dec
66	NGC 1398	SBab	3	38	52.0	-	26	20	14	Dec
67	NGC 1399	E1	3	38	28.9	-	35	26	59	Dec
68	NGC 1404	E1	3	38	51.9	-	35	35	35	Dec
69	NGC 1407	E-S0	3	40	11.8	-	18	34	48	Dec
70	NGC 1433	SBa	3	42	1.2	-	47	13	19	Dec
71	IC 348	III2pn	3	44	34.1	+	32	9	47	Dec
72	NGC 1435	RN	3	46	10.0	+	23	45	54	Dec
73	M 45	OC	3	47	0.0	+	24	7	0	Dec
74	NGC 1499	EN	4	3	14.4	+	36	21	33	Dec

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			hr	min	sec	dec	d	m	s	
ID #	Target Name	Sub Type	Right Ascension			Declination				Best Month to Observe (10 pm)
(J2000)										
hr	min	sec	dec	d	m	s				
75	NGC 1512	SB(r:)b	4	3	54.0	-	43	20	57	Dec
76	NGC 1515	Sc	4	4	2.1	-	54	6	2	Dec
77	NGC 1514	PN	4	9	17.0	+	30	46	35	Dec
78	NGC 1532	Sc II-III	4	12	4.2	-	32	52	30	Dec
79	NGC 1543	SB0	4	12	42.9	-	57	44	17	Dec
80	NGC 1535	PN	4	14	15.8	-	12	44	20	Dec
81	NGC 1549	E0	4	15	45.0	-	55	35	29	Dec
82	NGC 1553	S0	4	16	10.6	-	55	46	46	Dec
83	NGC 1559	SBc	4	17	36.7	-	62	47	4	Dec
84	NGC 1566	SBbc	4	20	0.5	-	54	56	14	Dec
85	Cr 50		4	26	54.0	+	15	52	0	Dec
86	NGC 1579	EN+RN	4	30	14.2	+	35	16	47	Dec
87	NGC 1617	Sba	4	31	39.3	-	54	36	6	Dec
88	HR 1475		4	33	33.8	-	62	49	25	Dec
89	Reticulum Dwarf		4	36	12.0	-	58	52	0	Dec
90	HR 1492		4	36	45.5	-	62	4	38	Dec
91	NGC 1672	SBc I-II	4	45	42.9	-	59	14	52	Dec
92	NGC 1647		4	46	0.0	+	19	4	0	Dec
93	Dunlop 18		4	50	55.2	-	53	27	41	Dec
94	NGC 1763	EN+Clusters	4	56	49.3	-	66	24	33	Dec
95	HR 1607		4	59	36.4	-	14	48	23	Dec
96	NGC 1783		4	59	8.8	-	65	59	7	Dec
97	NGC 1818		5	4	14.8	-	66	26	4	Jan
98	HR 1648		5	5	23.7	+	1	10	39	Jan
99	NGC 1792	Sc	5	5	14.1	-	37	58	48	Jan
100	NGC 1788	RN	5	6	53.1	-	3	20	27	Jan
101	NGC 1808	SBa	5	7	42.5	-	37	30	48	Jan
102	NGC 1850		5	8	44.8	-	68	45	42	Jan
103	HD 33793		5	11	46.5	-	45	2	1	Jan
104	NGC 1866		5	13	39.1	-	65	27	56	Jan
105	HR 1713		5	14	32.3	-	8	12	6	Jan
106	NGC 1851	II	5	14	6.3	-	40	2	48	Jan
107	IC 405	3:2:3	5	16	29.4	+	34	21	22	Jan
108	IC 410	II3rn	5	22	44.0	+	33	24	40	Jan
109	LMC	SBm	5	23	34.6	-	69	45	22	Jan
110	HR 1788		5	24	28.6	-	2	23	50	Jan

ID #	Target Name	Sub Type	Right Ascension			Declination				Best Month to Observe (10 pm)
			(J2000)							
			hr	min	sec	dec	d	m	s	
ID #	Target Name	Sub Type	Right Ascension			Declination				Best Month to Observe (10 pm)
			(J2000)							
			hr	min	sec	dec	d	m	s	
111	M 79	V	5	24	10.6	-	24	31	27	Jan
112	NGC 1955	OCL+EN	5	26	10.0	-	67	29	51	Jan
113	NGC 1962		5	26	17.8	-	68	50	16	Jan
114	IC 418	IV	5	27	28.3	-	12	41	48	Jan
115	NGC 1968	OCL+EN	5	27	22.2	-	67	27	50	Jan
116	M 38	II2r	5	28	42.5	+	35	51	18	Jan
117	NGC 1931	OCL+EN	5	31	25.7	+	34	14	42	Jan
118	HR 1851		5	32	0.4	-	0	17	4	Jan
119	M 1	SNR	5	34	31.9	+	22	0	52	Jan
120	Cr 69		5	35	6.0	+	9	56	0	Jan
121	HR 1887		5	35	2.7	-	6	0	7	Jan
122	HR 1892		5	35	23.2	-	4	50	18	Jan
123	HR 1893		5	35	15.8	-	5	23	14	Jan
124	HR 1899		5	35	26.0	-	5	54	36	Jan
125	M 42	EN+RN	5	35	17.2	-	5	23	27	Jan
126	M 43		5	35	31.3	-	5	16	3	Jan
127	NGC 1977		5	35	15.8	-	4	50	40	Jan
128	NGC 1980	III3mn	5	35	25.9	+	5	54	35	Jan
129	NGC 1981	III3pn	5	35	9.6	-	4	25	30	Jan
130	M 36	I3r	5	36	17.7	+	34	8	27	Jan
131	HR 1931		5	38	44.8	-	2	36	0	Jan
132	NGC 2070	EN	5	38	38.4	-	69	5	39	Jan
133	NGC 2074	EN	5	39	3.7	-	69	29	53	Jan
134	HR 1948		5	40	45.5	-	1	56	33	Jan
135	IC 434	3:2:3	5	41	0.0	-	2	27	12	Jan
136	NGC 2023	EN+RN	5	41	38.3	-	2	15	33	Jan
137	NGC 2024	EN	5	41	42.5	-	1	51	23	Jan
138	NGC 2022	PN	5	42	6.1	+	9	5	10	Jan
139	M 78	RN	5	46	45.8	+	0	4	45	Jan
140	M 37	I2r	5	52	18.3	+	32	33	11	Jan
141	IC 2149	3b(2)	5	56	23.9	+	46	6	19	Jan
142	NGC 2158	II3r	6	7	25.6	+	24	5	46	Jan
143	M 35	III3r	6	8	55.9	+	24	21	28	Jan
144	NGC 2169	III3m	6	8	24.3	+	13	57	53	Jan
145	NGC 2174	EN	6	9	23.7	+	20	39	34	Jan

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146	NGC 2214		6	12	57.5	-	68	15	33	Jan
147	HR 2308		6	25	28.2	+	14	43	19	Jan
148	HR 2356		6	28	49.1	-	7	1	59	Jan
149	NGC 2232	III2p	6	28	1.1	-	4	50	51	Jan
150	HR 2384		6	29	49.0	-	50	14	21	Jan
151	NGC 2243	I2r	6	29	34.5	-	31	16	53	Jan
152	NGC 2237	EN	6	30	54.6	+	5	2	57	Jan
153	NGC 2244	III2mn	6	31	55.6	+	4	56	35	Jan
154	NGC 2261	Variable RN	6	39	9.5	+	8	44	39	Jan
155	NGC 2264	III3mn	6	40	58.3	+	9	53	44	Jan
156	HR 2491		6	45	8.6	-	16	43	10	Jan
157	M 41	I3r	6	46	0.0	-	20	45	15	Jan
158	NGC 2298	VI	6	48	59.1	-	36	0	19	Jan
159	NGC 2301	I3r	6	51	45.3	+	0	27	33	Jan
160	HR 2591		6	54	26.7	-	42	21	56	Jan
161	HR 2618		6	58	37.6	-	28	58	19	Jan
162	M 50	II3r	7	2	42.3	-	8	23	26	Feb
163	NGC 2327	EN	7	4	7.2	-	11	18	51	Feb
164	NGC 2346	3b(4)	7	9	22.5	-	0	48	24	Feb
165	NGC 2353	III3p	7	14	30.3	-	10	15	57	Feb
166	HR 2764		7	16	36.8	-	23	18	56	Feb
167	Cr 135		7	17	17.0	-	36	49	0	Feb
168	NGC 2360	I3r	7	17	43.1	-	15	38	29	Feb
169	NGC 2359	EN	7	18	30.9	-	13	13	38	Feb
170	NGC 2362	I3r	7	18	41.5	-	24	57	15	Feb
171	NGC 2371	PN	7	25	33.8	+	29	29	18	Feb
172	NGC 2392	PN	7	29	10.8	+	20	54	42	Feb
173	HD 60997		7	36	35.7	-	14	29	0	Feb
174	M 47	I3m	7	36	35.0	-	14	28	57	Feb
175	NGC 2442	Sc I-II	7	36	19.7	-	69	32	31	Feb
176	HR 2949		7	38	49.9	-	26	48	14	Feb
177	NGC 2419	2	7	38	8.4	+	38	52	53	Feb
178	NGC 2439	II3r	7	40	45.4	-	31	41	33	Feb
179	M 46	II2r	7	41	46.8	-	14	48	36	Feb
180	NGC 2438	PN	7	41	50.4	-	14	44	9	Feb

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181	NGC 2440	PN	7	41	55.3	-	18	12	32	Feb
182	M 93	I3r	7	44	29.2	-	23	51	11	Feb
183	NGC 2451	II2m	7	45	15.0	-	37	58	3	Feb
184	NGC 2467	OCL+EN	7	52	29.5	-	26	25	48	Feb
185	NGC 2477	I2r	7	52	9.8	-	38	32	0	Feb
186	IC 2220	SR	7	56	51.3	-	59	7	31	Feb
187	NGC 2489	I2m	7	56	15.9	-	30	3	51	Feb
188	NGC 2516	I3r	7	58	7.1	-	60	45	12	Feb
189	NGC 2506	I2r	8	0	1.7	-	10	46	11	Feb
190	NGC 2527	III1p	8	4	58.2	-	28	8	48	Feb
191	Dunlop 65		8	9	31.9	-	47	20	12	Feb
192	NGC 2539	III2m	8	10	37.9	-	12	49	9	Feb
193	NGC 2547	I3rn	8	10	10.5	-	49	13	32	Feb
194	NGC 2546	III2m	8	12	15.6	-	37	35	39	Feb
195	M 48	I3r	8	13	43.1	-	5	45	2	Feb
196	NGC 2613	Sc II	8	33	23.0	-	22	58	23	Feb
197	NGC 2627	II2r	8	37	14.9	-	29	57	1	Feb
198	IC 2391	II3m	8	40	18.0	-	52	55	0	Feb
199	M 44	II3m	8	40	22.2	+	19	40	19	Feb
200	IC 2395	II3m	8	42	30.0	-	48	8	12	Feb
201	NGC 2659	III2r	8	42	33.0	-	45	0	2	Feb
202	HR 3485		8	44	42.3	-	54	42	33	Feb
203	NGC 2670	III2m	8	45	29.5	-	48	47	30	Feb
204	HR 3475		8	46	41.8	+	28	45	35	Feb
205	NGC 2669	III3m	8	46	22.0	-	52	56	51	Feb
206	NGC 2671	I2m	8	46	11.9	-	41	52	38	Feb
207	Cr 203		8	47	54.0	-	42	27	0	Feb
208	M 67	II3r	8	51	20.1	+	11	48	43	Feb
209	NGC 2683	Sb II-II	8	52	41.8	+	33	25	20	Feb
210	NGC 2736		9	0	16.9	-	45	56	53	Mar
211	NGC 2775	Sa	9	10	20.3	+	7	2	16	Mar
212	NGC 2808	I	9	12	2.6	-	64	51	47	Mar
213	NGC 2818	OC+PN	9	16	1.5	-	36	37	37.5	Mar
214	NGC 2867	4	9	21	25.3	-	58	18	41.5	Mar
215	IC 2488	II3r	9	27	31.0	-	56	58	54	Mar
216	NGC 2899		9	27	3.0	-	56	6	21.7	Mar

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217	NGC 2910	III3m	9	30	29.0	-	52	54	50	Mar
218	NGC 2903	Sb/Sc I-II	9	32	9.9	+	21	30	7	Mar
219	NGC 2925	II3m	9	33	10.9	-	53	23	45	Mar
220	NGC 2972	II1p	9	40	11.5	-	50	19	15	Mar
221	NGC 2997	Sc I	9	45	38.5	-	31	11	25	Mar
222	HD 85405		9	51	3.7	-	23	1	2	Mar
223	NGC 3114	II3r	10	2	42.7	-	60	6	32	Mar
224	NGC 3109	SB(s)msp IV-V	10	3	6.7	-	26	9	31	Mar
225	NGC 3115	E-S0	10	5	14.1	-	7	43	9	Mar
226	NGC 3132	4(2)	10	7	1.8	-	40	26	11.7	Mar
227	NGC 3195	PN	10	9	21.1	-	80	51	30.8	Mar
228	NGC 3187	S	10	17	48.1	+	21	52	23	Mar
229	NGC 3199	EN	10	17	24.4	-	57	55	20	Mar
230	NGC 3201	10	10	17	36.7	-	46	24	40	Mar
231	NGC 3184	Sc II	10	18	17.0	+	41	25	27	Mar
232	NGC 3190	Sa II-III	10	18	5.9	+	21	49	59	Mar
233	HR 4057		10	19	58.6	+	19	50	28	Mar
234	NGC 3228	II3p	10	21	22.2	-	51	43	57	Mar
235	NGC 3242	PN	10	24	46.2	-	18	38	34	Mar
236	NGC 3247	III2p	10	25	52.0	-	57	55	35	Mar
237	HR 4143		10	32	56.9	-	47	0	12	Mar
238	HR 4153		10	35	12.8	-	39	33	45	Mar
239	NGC 3293	I3r	10	35	53.8	-	58	14	10	Mar
240	HR 4163		10	37	33.3	-	13	23	5	Mar
241	NGC 3324	I3rn	10	37	18.7	-	58	39	36	Mar
242	HR 4177		10	38	45.0	-	59	10	59	Mar
243	HR 4180		10	39	18.4	-	55	36	12	Mar
244	Cr 227		10	42	12.0	-	65	6	0	Mar
245	IC 2602	I3r	10	42	56.5	-	64	23	39	Mar
246	M 95	SBb II	10	43	57.7	+	11	42	13	Mar
247	NGC 3344	SC II	10	43	30.7	+	24	55	19	Mar
248	NGC 3372	EN	10	45	8.5	-	59	52	4	Mar
249	M 96	Sa/Sb	10	46	45.9	+	11	49	25	Mar
250	M 105	E1	10	47	49.7	+	12	34	53	Mar
251	NGC 3384	E-S0	10	48	16.9	+	12	37	46	Mar
252	BD-20 3283		10	51	37.2	-	21	15	0	Mar

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253	NGC 3486	Sc II	11	0	23.9	+	28	58	29	Apr
254	NGC 3521	SB II	11	5	48.9	-	0	2	6	Apr
255	NGC 3532	II3r	11	5	47.5	-	58	46	13	Apr
256	NGC 3572	II3mn	11	10	19.2	-	60	14	54	Apr
257	NGC 3576	EN	11	11	32.8	-	61	21	44	Apr
258	NGC 3603	II3mn	11	15	6.6	-	61	15	40	Apr
259	NGC 3607	E-SO	11	16	54.7	+	18	3	5	Apr
260	IC 2714	II2r	11	17	22.0	-	62	43	18	Apr
261	M 65	Sa II	11	18	55.9	+	13	5	37	Apr
262	NGC 3621	Sc	11	18	16.5	-	32	48	50	Apr
263	Cr 246		11	19	42.0	-	63	29	0	Apr
264	M 66	Sb II	11	20	15.1	+	12	59	28	Apr
265	NGC 3626	S0/Sa	11	20	3.9	+	18	21	23	Apr
266	NGC 3628	Sb	11	20	16.9	+	13	35	20	Apr
267	NGC 3699	PN	11	27	58.1	-	59	57	37	Apr
268	IC 2944	III3mn	11	35	47.3	-	63	1	11	Apr
269	NGC 3766	I3r	11	36	14.4	-	61	36	36	Apr
270	IC 2948	EN+OCL	11	39	5.0	-	63	26	36	Apr
271	NGC 3810	Sc I	11	40	58.7	+	11	28	17	Apr
272	NGC 3918	PN	11	50	17.8	-	57	10	56	Apr
273	NGC 3960	I2m	11	50	33.2	-	55	40	35	Apr
274	NGC 3923	E	11	51	1.8	-	28	48	21	Apr
275	NGC 4038	Sc	12	1	53.0	-	18	52	7	Apr
276	NGC 4039	SBm	12	1	53.6	-	18	53	10	Apr
277	NGC 4052	III2r	12	2	5.2	-	63	13	24	Apr
278	NGC 4103	I2m	12	6	39.5	-	61	15	0	Apr
279	NGC 4147	6	12	10	6.3	+	18	32	32	Apr
280	M 98	SAB(s)ab II	12	13	48.2	+	14	54	0	Apr
281	NGC 4214	Irr III-IV	12	15	39.5	+	36	19	35	Apr
282	NGC 4216	SAB(s)b:II	12	15	54.1	+	13	8	59	Apr
283	NGC 4244	SA(s)cd:sp IV	12	17	29.7	+	37	48	24	Apr
284	M 106	SAB(s)bc II	12	18	57.5	+	47	18	15	Apr
285	M 99	SA(s)c I	12	18	49.6	+	14	25	1	Apr
286	NGC 4275	Sc	12	19	52.6	+	27	37	16	Apr
287	M 61	SAB(rs)bc I-II	12	21	54.9	+	4	28	24	Apr
288	M 100	SAB(s)bc I	12	22	54.9	+	15	49	21	Apr

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289	NGC 4337	II3p	12	24	3.3	-	58	7	25	Apr
290	NGC 4349	II2m	12	24	6.0	-	61	52	13	Apr
291	NGC 4361	3a(2)	12	24	30.7	-	18	47	5	Apr
292	NGC 4365	E3	12	24	28.1	+	7	19	3	Apr
293	Cr 256		12	25	6.0	+	26	6	0	Apr
294	H 5		12	25	12.0	-	60	29	0	Apr
295	HD 108105		12	25	14.4	-	0	46	11	Apr
296	M 84	E1	12	25	4.7	+	12	53	13	Apr
297	M 85	SA(s)+P	12	25	24.2	+	18	11	27	Apr
298	NGC 4372	XII	12	25	45.4	-	72	39	33	Apr
299	HR 4730		12	26	35.8	-	63	5	57	Apr
300	M 86	E3	12	26	11.9	+	12	56	47	Apr
301	NGC 4449	Irr III	12	28	11.1	+	44	5	36	Apr
302	M 49	E	12	29	46.7	+	8	0	0	Apr
303	NGC 4463	I3m	12	29	55.2	-	64	47	23	Apr
304	M 87	E	12	30	49.3	+	12	23	26	Apr
305	NGC 4485	Irr III-IV	12	30	31.4	+	41	42	0	Apr
306	NGC 4490	SBcd	12	30	36.1	+	41	38	33	Apr
307	Coal Sack	DN	12	31	19.0	-	63	44	36	Apr
308	M 88	Sb/Sc I	12	31	59.1	+	14	25	15	Apr
309	NGC 4494	E1	12	31	24.3	+	25	46	31	Apr
310	NGC 4526	S0	12	34	3.1	+	7	41	58	Apr
311	H 6		12	35	0.0	-	68	10	0	Apr
312	HR 4792		12	35	7.8	+	18	22	38	Apr
313	M 89	E	12	35	39.9	+	12	33	23	Apr
314	NGC 4559	Sc II-III	12	35	57.7	+	27	57	35	Apr
315	M 90	Sb	12	36	49.9	+	13	9	45	Apr
316	NGC 4565	Sb I	12	36	20.7	+	25	59	19	Apr
317	NGC 4567	Sc	12	36	32.8	+	11	15	28	Apr
318	NGC 4568	Sc	12	36	34.3	+	11	14	17	Apr
319	M 58	Sb	12	37	43.5	+	11	49	5	Apr
320	M 104	Sb-	12	39	59.4	-	11	37	23	Apr
321	M 68	X	12	39	28.0	-	26	44	34	Apr
322	HR 4819		12	41	30.9	-	48	57	36	Apr
323	HR 4825		12	41	39.2	-	1	26	57	Apr
324	M 59	E	12	42	2.4	+	11	38	48	Apr

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325	NGC 4609	II2m	12	42	19.9	-	62	59	38	Apr
326	NGC 4631	Sc III	12	42	8.1	+	32	32	26	Apr
327	NGC 4636	E	12	42	49.9	+	2	41	16	Apr
328	M 60	E	12	43	39.7	+	11	33	7	Apr
329	HR 4844		12	46	16.7	-	68	6	29	Apr
330	EsB 365		12	47	24.7	-	59	41	41	Apr
331	NGC 4696	S0	12	48	49.1	-	41	18	41	Apr
332	NGC 4697	E6	12	48	35.7	-	5	48	3	Apr
333	NGC 4699	SBb	12	49	2.2	-	8	39	52	Apr
334	NGC 4710	SO-a	12	49	38.7	+	15	9	54	Apr
335	M 94	Sb	12	50	53.0	+	41	7	12	Apr
336	NGC 4725	Sb/SBb I	12	50	26.5	+	25	30	1	Apr
337	NGC 4753	S0	12	52	22.0	-	1	12	16	Apr
338	NGC 4762	SB0	12	52	56.0	+	11	13	52	Apr
339	NGC 4755	I3r	12	53	37.1	-	60	21	22	Apr
340	Dunlop 126		12	54	35.6	-	57	10	41	Apr
341	HR 4915		12	56	1.5	+	38	19	7	Apr
342	M 64	Sb	12	56	44.2	+	21	40	58	Apr
343	NGC 4815	I2r	12	57	58.3	-	64	57	42	Apr
344	NGC 4833	VIII	12	59	34.9	-	70	52	28	Apr
345	NGC 4852	I3r	13	0	14.5	-	59	36	58	May
346	NGC 4889	E	13	0	8.1	+	27	58	37	May
347	NGC 4945	SBc	13	5	27.1	-	49	28	3	May
348	NGC 4976	S0	13	8	37.4	-	49	30	21	May
349	NGC 5005	Sb II	13	10	56.6	+	37	3	33	May
350	M 53	V	13	12	55.2	+	18	10	8	May
351	M 63	Sb II	13	15	49.1	+	42	1	50	May
352	HD 115236		13	16	31.8	-	44	42	16	May
353	NGC 5061	E	13	18	5.2	-	26	50	16	May
354	NGC 5068	Sd	13	18	54.6	-	21	2	19	May
355	NGC 5078	SO	13	19	49.8	-	27	24	36	May
356	NGC 5102	S0	13	21	57.5	-	36	37	49	May
357	NGC 5128	(E0+Sb)	13	25	29.0	-	43	1	0	May
358	NGC 5139	VIII	13	26	45.9	-	47	28	37	May
359	M 51	Sc I	13	29	52.1	+	47	11	43	May
360	NGC 5189	V	13	33	32.9	-	65	58	26	May

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361	ESO 270-17	Sbs IX	13	34	39.6	-	45	32	27	May
362	M 83	SAB(s)c I-II	13	37	0.2	-	29	52	4	May
363	NGC 5248	SAB(rs)bc I	13	37	32.0	+	8	53	8	May
364	NGC 5237		13	37	38.9	-	42	50	52	May
365	NGC 5253	ImP	13	39	55.9	-	31	38	31	May
366	M 3	VI	13	42	11.2	+	28	22	32	May
367	NGC 5281	I3m	13	46	35.1	-	62	54	59	May
368	NGC 5286	V	13	46	26.5	-	51	22	24	May
369	NGC 5316	II2r	13	53	57.2	-	61	52	9	May
370	NGC 5364	Sbc/P	13	56	11.9	+	5	0	52	May
371	HR 5267		14	3	49.4	-	60	22	23	May
372	NGC 5460	I3m	14	7	27.7	-	48	20	33	May
373	ESO 97-13	SAS3	14	13	10.2	-	65	20	20	May
374	IC 4406	4(3)	14	22	26.0	-	44	9	4	May
375	NGC 5617	I3r	14	29	44.0	-	60	42	39	May
376	NGC 5634	IV	14	29	37.3	-	5	58	36	May
377	NGC 5643	Sc III	14	32	41.3	-	44	10	24	May
378	He 2-111		14	33	18.4	-	60	49	35	May
379	NGC 5662	II3r	14	35	37.5	-	56	37	5	May
380	HR 5459		14	39	31.7	-	60	49	58	May
381	NGC 5694	VII	14	39	36.5	-	26	32	18	May
382	HR 5478		14	41	8.9	+	13	43	42	May
383	Dunlop 166		14	42	30.1	-	64	58	33	May
384	HR 5505		14	44	59.1	+	27	4	30	May
385	IC 4499	II	15	0	18.0	-	82	13	0	Jun
386	NGC 5824	I	15	3	58.5	-	33	4	4	Jun
387	NGC 5822	II2r	15	4	21.2	-	54	23	47	Jun
388	HR 5605		15	5	7.1	-	47	3	5	Jun
389	NGC 5823	II2r	15	5	30.6	-	55	36	13	Jun
390	NGC 5882	PN	15	16	50.0	-	45	38	58	Jun
391	NGC 5897	II	15	17	24.4	-	21	0	37	Jun
392	M 5	V	15	18	33.7	+	2	4	58	Jun
393	HR 5694		15	19	19.0	+	1	45	51	Jun
394	NGC 5925	III2r	15	27	26.7	-	54	31	43	Jun
395	NGC 5927	VIII	15	28	4.0	-	50	40	22	Jun
396	HR 5788		15	34	48.1	+	10	32	16	Jun

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397	NGC 5946	IX	15	35	28.5	-	50	39	34	Jun
398	NGC 5986	VII	15	46	3.4	-	37	47	10	Jun
399	PK 329-2.1		15	51	40.9	-	51	31	28	Jun
400	NGC 5999	I2m	15	52	8.6	-	56	28	22	Jun
401	NGC 6005	I2m	15	55	48.7	-	57	26	14	Jun
402	Cr 295		16	0	48.0	-	53	32	0	Jun
403	SL 7	DN	16	1	56.7	-	41	52	0	Jun
404	NGC 6025	II3r	16	3	17.0	-	60	25	54	Jun
405	HR 5978		16	4	22.1	-	11	22	24	Jun
406	HR 5984		16	5	26.2	-	19	48	20	Jun
407	HR 6026		16	11	59.7	-	19	27	39	Jun
408	NGC 6072	PN	16	12	58.2	-	36	13	47	Jun
409	NGC 6067	I3r	16	13	11.0	-	54	13	6	Jun
410	H 10		16	15	36.0	-	54	52	0	Jun
411	M 80	II	16	17	3.1	-	22	58	30	Jun
412	Menzel 3	PN	16	17	13.4	-	51	59	10	Jun
413	NGC 6087	II2m	16	18	50.5	-	57	56	4	Jun
414	M 4	IX	16	23	35.4	-	26	31	31	Jun
415	HR 6112		16	25	35.1	-	23	26	50	Jun
416	IC 4603	RN+SR	16	25	36.0	-	24	28	0	Jun
417	NGC 6101	X	16	25	48.5	-	72	12	6	Jun
418	NGC 6124	I3r	16	25	20.0	-	40	39	13	Jun
419	NGC 6134	II3m	16	27	46.5	-	49	9	4	Jun
420	NGC 6139	II	16	27	40.4	-	38	50	56	Jun
421	NGC 6144	XI	16	27	14.1	-	26	1	29	Jun
422	HR 6134		16	29	24.5	-	26	25	55	Jun
423	NGC 6153	IV	16	31	30.6	-	40	15	13	Jun
424	M 107	X	16	32	31.9	-	13	3	10	Jun
425	NGC 6152	III3r	16	32	45.5	-	52	38	38	Jun
426	NGC 6164	III	16	33	41.6	-	48	4	46	Jun
427	NGC 6167	II3m	16	34	34.9	-	49	46	19	Jun
428	NGC 6188	EN+RN	16	40	5.8	-	48	39	44	Jun
429	NGC 6192	I 2 r	16	40	23.8	-	43	22	1	Jun
430	M 13	V	16	41	41.4	+	36	27	36	Jun
431	NGC 6193	II3p	16	41	20.2	-	48	45	45	Jun

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432	NGC 6210	2(3b)	16	44	29.4	+	23	48	0	Jun
433	M 12	IX	16	47	14.4	-	1	56	52	Jun
434	NGC 6208	III2r	16	49	28.1	-	53	43	42	Jun
435	NGC 6216	I2m	16	49	23.5	-	44	43	53	Jun
436	NGC 6235	X	16	53	25.3	-	22	10	38	Jun
437	NGC 6231	I3p	16	54	10.9	-	41	49	27	Jun
438	NGC 6242	I3m	16	55	33.4	-	39	27	39	Jun
439	IC 4628	EN	16	57	0.0	-	40	20	0	Jun
440	M 10	VII	16	57	9.0	-	4	5	58	Jun
441	NGC 6250	II3r	16	57	56.0	-	45	56	12	Jun
442	NGC 6253	II1m	16	59	5.1	-	52	42	32	Jun
443	H 13		17	1	42.0	-	48	6	0	Jul
444	M 62	IV	17	1	12.5	-	30	6	44	Jul
445	M 19	VIII	17	2	37.7	-	26	16	5	Jul
446	NGC 6281	II2p	17	4	41.2	-	37	59	7	Jul
447	NGC 6284	IX	17	4	28.5	-	24	45	49	Jul
448	NGC 6287	VII	17	5	9.3	-	22	42	29	Jul
449	NGC 6293	IV	17	10	10.3	-	26	34	57	Jul
450	NGC 6302	VI	17	13	44.6	-	37	6	12	Jul
451	HR 6406		17	14	38.9	+	14	23	26	Jul
452	NGC 6304	VI	17	14	32.5	-	29	27	44	Jul
453	NGC 6309	3b(6)	17	14	4.3	-	12	54	38.5	Jul
454	NGC 6316	III	17	16	37.3	-	28	8	24	Jul
455	NGC 6318	III2p	17	16	11.5	-	39	25	30	Jul
456	M 92	IV	17	17	7.5	+	43	8	11	Jul
457	NGC 6322	I3m	17	18	25.7	-	42	56	2	Jul
458	M 9	VIII	17	19	11.7	-	18	30	59	Jul
459	NGC 6334	EN	17	20	49.7	-	35	6	10	Jul
460	NGC 6337	IV	17	22	15.7	-	38	29	1.4	Jul
461	HR 6484		17	23	40.7	+	37	8	49	Jul
462	NGC 6356	II	17	23	34.9	-	17	4	47	Jul
463	IC 4651	II2r	17	24	42.0	-	49	57	0	Jul
464	NGC 6357	EN+OCL	17	24	43.5	-	34	12	5	Jul
465	NGC 6352	XI	17	25	29.1	-	48	25	22	Jul
466	NGC 6369	4(2)	17	29	20.4	-	23	45	35	Jul
467	NGC 6362	X	17	31	54.7	-	67	2	53	Jul

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468	NGC 6388	III	17	36	16.9	-	44	44	5	Jul
469	M 14	VIII	17	37	36.1	-	3	14	46	Jul
470	M 6	II3r	17	40	20.7	-	32	15	15	Jul
471	NGC 6397	IX	17	40	41.2	-	53	40	25	Jul
472	HD 160435		17	43	18.9	-	57	43	26	Jul
473	NGC 6416	III2m	17	44	19.9	-	32	21	40	Jul
474	IC 4665	III2p	17	46	18.0	+	5	43	0	Jul
475	NGC 6440	V	17	48	52.5	-	20	21	34	Jul
476	NGC 6445	3b(3)	17	49	15.0	-	20	0	34	Jul
477	NGC 6441	III	17	50	12.9	-	37	3	4	Jul
478	NGC 6453	IV	17	50	51.6	-	34	35	55	Jul
479	M 7	I3r	17	53	51.1	-	34	47	34	Jul
480	GL 699		17	57	47.9	+	4	43	15	Jul
481	M 23	II2r	17	57	4.7	-	18	59	7	Jul
482	HR 6693		17	59	5.3	-	30	15	11	Jul
483	NGC 6496	XII	17	59	3.7	-	44	15	59	Jul
484	HN 40		18	2	36.0	-	23	2	0	Jul
485	M 20	EN+OCL	18	2	20.9	-	23	1	38	Jul
486	NGC 6520	I2rn	18	3	25.1	-	27	53	28	Jul
487	NGC 6522	VI	18	3	35.1	-	30	2	6	Jul
488	Barnard 87		18	4	18.0	-	32	40	0	Jul
489	M 21	I3r	18	4	13.4	-	22	29	24	Jul
490	M 8	EN+Cluster	18	4	4.0	-	24	23	49	Jul
491	NGC 6528	V	18	4	49.6	-	30	3	21	Jul
492	NGC 6530	II2mn	18	4	31.0	-	24	21	29	Jul
493	HR 6752		18	5	27.4	+	2	29	51	Jul
494	NGC 6537	2a(6)	18	5	13.0	-	19	50	34	Jul
495	NGC 6544	V	18	7	20.5	-	24	59	51	Jul
496	PK 342-14.1		18	7	15.8	-	51	1	10	Jul
497	NGC 6541	III	18	8	2.0	-	43	42	57	Jul
498	NGC 6553	XI	18	9	18.0	-	25	54	28	Jul
499	NGC 6563	3a	18	12	2.6	-	33	52	7	Jul
500	NGC 6572	2a	18	12	6.4	+	6	51	13	Jul
501	NGC 6567	2a(3)	18	13	45.1	-	19	4	34	Jul
502	NGC 6569	VIII	18	13	38.6	-	31	49	35	Jul
503	NGC 6590	III3mn	18	17	5.0	-	19	51	58	Jul

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504	IC 4703	EN	18	18	54.0	-	13	47	0	Jul
505	M 16	II3mn	18	18	48.1	-	13	48	26	Jul
506	NGC 6584	VIII	18	18	38.0	-	52	12	54	Jul
507	NGC 6603	I2rn	18	18	27.0	-	18	24	22	Jul
508	NGC 6604	I3mn	18	18	3.0	-	12	14	35	Jul
509	M 18	II3pn	18	19	58.4	-	17	6	7	Jul
510	M 17	III3mn	18	20	47.1	-	16	10	18	Jul
511	NGC 6624	VI	18	23	40.6	-	30	21	39	Jul
512	M 28	IV	18	24	32.8	-	24	52	12	Jul
513	M 24		18	26	12.0	-	18	26	0	Jul
514	NGC 6633	III2m	18	27	15.0	+	6	30	30	Jul
515	NGC 6638	VI	18	30	56.0	-	25	29	47	Jul
516	M 25	I3m	18	31	36.0	-	19	15	0	Jul
517	M 69	V	18	31	23.2	-	32	20	53	Jul
518	NGC 6642	V	18	31	54.0	-	23	28	35	Jul
519	NGC 6652	VI	18	35	46.0	-	32	59	25	Jul
520	M 22	VII	18	36	24.1	-	23	54	12	Jul
521	IC 4756	II3r	18	39	0.0	+	5	27	0	Jul
522	M 70	V	18	43	12.5	-	32	17	31	Jul
523	HR 7051		18	44	20.4	+	39	40	13	Jul
524	HR 7056		18	44	46.4	+	37	36	19	Jul
525	M 26	II 3 m	18	45	18.6	-	9	23	1	Jul
526	HR 7089		18	50	20.0	-	7	54	27	Jul
527	M 11	I2r	18	51	5.9	-	6	16	12	Jul
528	M 57	4(3)	18	53	35.1	+	33	1	44	Jul
529	NGC 6712	IX	18	53	4.0	-	8	42	22	Jul
530	M 54	III	18	55	3.3	-	30	28	42	Jul
531	HR 7141		18	56	13.2	+	4	12	13	Jul
532	NGC 6723	VII	18	59	33.0	-	36	37	54	Jul
533	NGC 6726	RN	19	1	39.0	-	36	53	27	Aug
534	NGC 6729	complex	19	1	54.1	-	36	57	12	Aug
535	Bernes 157		19	3	6.9	-	37	16	35	Aug
536	HR 7220		19	4	24.2	-	5	41	6	Aug
537	NGC 6751	III	19	5	55.5	-	5	59	32	Aug
538	HR 7226		19	6	25.3	-	37	3	51	Aug
539	NGC 6744	Sc II	19	9	46.1	-	63	51	25	Aug

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540	NGC 6752	VI	19	10	51.7	-	59	58	55	Aug
541	M 56	X	19	16	35.4	+	30	11	5	Aug
542	NGC 6769	SBb/P	19	18	23.1	-	60	30	5	Aug
543	NGC 6781	3b(3)	19	18	28.3	+	6	32	23	Aug
544	NGC 6791	l2r	19	20	53.0	+	37	46	19	Aug
545	Dunlop 226		19	22	38.3	-	44	27	32	Aug
546	Cr 399		19	25	24.0	+	20	11	0	Aug
547	HR 7417		19	30	43.3	+	27	57	35	Aug
548	HR 7463		19	37	17.4	+	16	27	46	Aug
549	HR 7475		19	39	25.3	+	16	34	16	Aug
550	M 55	XI	19	39	59.3	-	30	57	44	Aug
551	NGC 6818	IV	19	43	57.8	-	14	9	11	Aug
552	NGC 6822	IB(s)m IV-V	19	44	56.3	-	14	48	37	Aug
553	Dunlop 227		19	52	37.7	-	54	58	16	Aug
554	M 71	GCL	19	53	46.1	+	18	46	42	Aug
555	M 27	3(2)	19	59	36.3	+	22	43	16	Aug
556	NGC 6857	3:2:3	20	1	48.0	+	33	31	33	Aug
557	M 75	I	20	6	4.7	-	21	55	17	Aug
558	NGC 6885	II 2 p	20	11	55.8	+	26	29	20	Aug
559	NGC 6888	2:3:3	20	12	6.4	+	38	21	18	Aug
560	NGC 6891	2a(2b)	20	15	8.9	+	12	42	15	Aug
561	NGC 6876	SO	20	18	18.9	-	70	51	31	Aug
562	NGC 6905	3(3)	20	22	23.0	+	20	6	16	Aug
563	NGC 6934	VIII	20	34	12.0	+	7	24	16	Aug
564	HR 7947		20	46	38.9	+	16	7	25	Aug
565	M72	IX	20	53	28.0	-	12	32	13	Aug
566	NGC 6992	3:3:3	20	56	19.0	+	31	44	34	Aug
567	NGC 7000	3:3:2	20	58	50.0	+	44	12	0	Aug
568	NGC 7006	1	21	1	29.3	+	16	11	16	Sep
569	NGC 7009	4(6)	21	4	10.7	-	11	21	49	Sep
570	NGC 7026	3a	21	6	18.6	+	47	51	8	Sep
571	NGC 7027	3a	21	7	1.7	+	42	14	10	Sep
572	HR 8140		21	19	52.1	-	53	26	59	Sep
573	HR 8145		21	20	9.5	-	45	1	19	Sep
574	HR 8156		21	24	16.8	-	69	44	2	Sep
575	M 15	IV	21	29	58.4	+	12	10	0	Sep

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576	M 2	II	21	33	29.3	-	0	49	23	Sep
577	M 30	V	21	40	21.9	-	23	10	45	Sep
578	IC 5148	IV	21	59	35.1	-	39	23	8	Sep
579	Hickson 90		22	2	5.6	-	31	58	1	Sep
580	IC 5152	Irr IV	22	2	54.0	-	51	17	0	Sep
581	IC 5201	SBcIII	22	21	24.0	-	46	4	0	Sep
582	HR 8521		22	22	44.2	-	45	56	53	Sep
583	HR 8558		22	28	50.0	-	0	1	12	Sep
584	NGC 7293	4(3)	22	29	38.4	-	20	50	13	Sep
585	Dunlop 240		22	31	30.4	-	32	20	46	Sep
586	NGC 7320	Sc	22	36	3.4	+	33	56	54	Sep
587	NGC 7331	Sb I-II	22	37	4.5	+	34	25	1	Sep
588	NGC 7410	Sa	22	54	59.3	-	39	39	45	Sep
589	IC 1459	E3	22	57	10.4	-	36	27	45	Sep
590	NGC 7424	S(B)c II	22	57	18.4	-	41	4	15	Sep
591	NGC 7456	Sc	23	2	10.2	-	39	34	11	Oct
592	NGC 7479	SBb I	23	4	56.4	+	12	19	0	Oct
593	NGC 7552	Sbab	23	16	10.7	-	42	35	5	Oct
594	NGC 7582	Sbab	23	18	23.7	-	42	22	15	Oct
595	NGC 7590	Sc	23	18	54.7	-	42	14	21	Oct
596	NGC 7599	Sbc	23	19	21.1	-	42	15	26	Oct
597	NGC 7662	4(3)	23	25	53.9	+	42	32	6	Oct
598	IC 5332	SA(s)d	23	34	30.0	-	36	6	0	Oct
599	HR 9004		23	46	23.5	+	3	29	12	Oct
600	NGC 7793	Sdm III-IV	23	57	49.7	-	32	35	30	Oct

