

Hi all, Please find attached the "1st draft" of my Southern Skies Observing Catalogue, as an Excel file. I have compiled this list, from numerous shorter lists and sources; and added numerous targets from my head and the heads of others.

The other heads include;- Glenn Cozens - ASNSW, Andrew Murrell - ASNSW, Chris Floyd from South Australia, who has also supplied 3RF with the Starbound Binocular Chair. I thank those people for their contributions. I have also "butchered" the Caldwell Catalogue, Hartung, Astronomical league Lists etc.

The list now has 600 targets in it and covers both Spring and Autumn observing. Haaaaaaaaaaaaaaaa , and you all thought I was superstitious :)

I have included a column which shows what month the target is best observed in. This corresponds to the month the target is at the meridian at about 10:00pm. Many of the targets in the Southern Constellations are circumpolar and can be observed almost all year round. You may wish to sort this list in Excel to suit your own needs; and to play with it however you like.

The list is far from finalised in any size, shape or form and I have not checked it at all. Much of the information and the RA and DEC co-ordinates are likely to be slightly inaccurate, if I have taken the data from older lists. There is also a lot of information in the middle of the spreadsheet which you will note, is missing. I will check this against the NGC/IC database in the coming weeks and update it for accuracy and completeness prior to your arrival.

I would appreciate everyone's feedback in respect of any notable targets I may have accidentally omitted. Any far from notable targets that for some strange reason people would like to see included, would also be appreciated. Any corrections that can be made to the co-ordinates or other information about each target will also help me.

Prior to everyone's arrival in April, I will consolidate the list to about "350" Autumn targets which I will set up as a "User Defined Catalogue" in the Argo Navis database for each of the larger scopes. For those returning in the southern Spring (September/October) I will likewise produce a list of about "350" spring targets.

Here is a link to the NGC/IC database for each of the NGC and IC targets: <http://ngcicproject.org/pubdb.htm>

If you go to this website and type in the NGC or IC number it will give you significant additional information about each target as well as a DSS image of it, in the case of the NGC targets. You enter the number like this "NGC 5139" into the blank entry field. Professor Bob Erdmann has given me permission to use his website information as I see fit, as my observing list has "not for profit" objectives.

Ultimately, once I have all the information totally accurate, I intend to submit this list to the Astronomical League as a Southern Skies Observing Challenge. There is enough here to keep most people busy for a week or two :)

None of the targets on the list are exceptionally difficult in a medium to large aperture telescope, for those with acute vision. They are aesthetically pleasing targets, not necessarily difficult ones, in most cases. For those seeking "an eyeball test", Andrew Murrell is putting together a more testing observing list, which he will have in his possession at Coonabarabran :)

All feedback welcome and appreciated

Best Regards,
John Bambury

NGCic	NGCic	Other Names	Common Name	Discoverer	Year	Type	CON	Vmag	SB	Max	Min	PA	SubType	RA2k	min	sec	dec	d	m	Best Month s to Observe
55	55	D 507	String of Pearls	James Dunlop	1826	Gal	SCL	7.8	13.3	31.2	5.9	108	SBm	0	15	8.0	-	39	13	10 August
104	104	D 18	47 Tucanae	Nicolas Lacaille	1751	GC	TUC	4.0		50.0			III	0	24	5.2	-	72	4	49 August
134	134			James Dunlop	1826	Gal	HYA	10.3	13.4	8.5	2.0		SAB(s)bc	0	30	21.0	-	33	14	50 January
157	157					Gal	CET	10.4	12.9	4.2	2.7	30	SAB(rs)bc	0	34	46.7	-	8	23	48 September
205	205	M 110		Charles Messier	1773	Gal	AND	7.9	13.8	19.5	11.5	170	E5	0	40	22.1	+	41	41	7 September
221	221	M 32		Guillaume Legentil	1749	Gal	AND	8.1	12.5	8.5	6.5	179	E2	0	42	41.8	+	40	51	57 September
224	224	M 31		Abd-al-Rahman Al Sufi	905	Gal	AND	3.5	13.5	189.1	61.7	35	Sb	0	42	44.3	+	41	16	8 September
246	246		Pac Man Nebula	William Herschel	1785	PN	CET	10.9		4.1			PN	0	47	3.3	-	11	52	17 September
247	247		Milkweed Seed Galaxy	William Herschel	1784	Gal	CET	8.9	13.8	19.2	5.5	172	SBcd	0	47	8.3	-	20	45	36 September
253	253		Silver Coin Galaxy	Karoline Herschel	1783	Gal	SCL	7.3	12.9	29.0	6.8	52	SBc	0	47	33.1	-	25	17	15 August
288	288			William Herschel	1785	GC	SCL	8.1		13.0			X	0	52	46.4	-	26	35	10 August
292	292		Small Magellanic Cloud (SMC)			Gal	TUC	2.2	14.1	316.0	186.0	45	SB(s)mP	0	52	38.0	-	72	48	1 August
300	300	D 530	Southern Pinwheel	James Dunlop	1826	Gal	SCL	8.1	13.9	19.0	12.9	111	Scd	0	54	53.3	-	37	41	3 August
330	330					OC	TUC	9.6		1.9				0	56	18.0	-	72	28	0 August
346	346	D 25		James Dunlop	1826	BN	TUC	10.3		5.2			OCL	0	59	5.0	-	72	10	38 August
362	362	D 62		James Dunlop	1826	GC	TUC	6.8		14.0			III	1	3	14.3	-	70	50	52 August
371	371					OC	TUC			7.5				1	3	30.0	-	72	5	0 August
404	404					Gal	AND	10.2	12.8	3.5			SA(s)O-	1	9	26.9	+	35	43	4 September
419	419					GC	TUC	11.2		2.6				1	8	18.0	-	72	53	0 August
598	598	M 33	Pinwheel Galaxy	Giovanni Hodierna	1654	Gal	TRI	5.5	14.0	68.7	41.6	23	Sc	1	33	51.9	+	30	39	29 September
613	613					Gal	SCL	10.1	13.4	5.5	4.2	120	SBrsrc	1	34	18.0	-	29	25	0 August
628	628	M 74		Pierre Mechain	1780	Gal	PSC	9.1	13.9	10.5	9.5	25	Sc	1	36	41.7	+	15	47	0 August
681	681					Gal	CET	12.0	13.4	2.6	1.6	60	SAB(s)absp	1	49	10.8	-	10	25	40 September
752	752					OC	AND	5.7		50.0			II 2 r	1	57	47.9	+	37	51	0 September
772	772					Gal	ARI	10.4	14.0	7.2	4.3	130	Sb I	1	59	20.3	+	19	0	22 September
891	891			Karoline Herschel	1783	Gal	AND	10.1	13.1	11.7	1.6	22	Sb	2	22	33.0	+	42	20	50 September
936	936			William Herschel	1785	Gal	CET	10.2	13.3	4.7	4.1	135	SB0-a	2	27	37.5	-	1	9	23 September
1023	1023			William Herschel	1786	Gal	PER	9.5	12.7	7.4	2.5	87	E/SB0	2	40	24.1	+	39	3	48 October
1039	1039	M 34		Giovanni Hodierna	1654	OC	PER	5.2		25.0			II3m	2	42	5.0	+	42	45	42 October
1049	1049					GC	FOR	12.6		0.8				2	39	48.0	-	34	15	30 October
1055	1055					Gal	CET	10.9	14.0	7.6	2.7	105	Sb II-III	2	41	41.5	+	0	26	32 September
1068	1068	M 77		Pierre Mechain	1780	Gal	CET	8.9	12.8	7.1	6.0	70	Sb/P	2	42	40.8	-	0	0	46 September
1073	1073					Gal	CET	11.1	14.3	4.9	4.5	15	SBc II	2	43	40.6	+	1	22	31 September
1097	1097	h 2495		William Herschel	1790	Gal	FOR	9.5	13.8	9.4	6.6	130	SBb	2	46	19.5	-	30	16	32 October
1232	1232			William Herschel	1784	Gal	ERI	9.8	13.9	7.4	6.5	108	SBc	3	9	45.3	-	20	34	45 October
1261	1261	D 337		James Dunlop	1826	GC	HOR	8.3		6.8			II	3	12	15.3	-	55	12	59 October
1291	1291	D 487		James Dunlop	1826	Gal	ERI	8.5	13.4	11.0	9.5	72	SB0-a	3	17	18.3	-	41	6	26 October
1300	1300					Gal	ERI	10.5	13.9	6.2	4.1	106	SBb I	3	19	40.9	-	19	24	40 October
1313	1313	D 206		James Dunlop	1826	Gal	RET	9.1	13.5	9.2	7.2	38	SBcd	3	18	16.0	-	66	29	43 October
1316	1316	D 548		James Dunlop	1826	Gal	FOR	8.4	13.0	11.0	7.2	50	SB0	3	22	41.4	-	37	12	28 October
1350	1350					Gal	FOR	10.7	13.5	5.2	2.8	0	Sba-b	3	31	6.0	-	33	38	0 October
1360	1360			Lewis Swift	1857	PN	FOR	9.4		6.4			PN	3	33	14.6	-	25	52	16 October
1365	1365	D 562		James Dunlop	1826	Gal	FOR	9.5	13.9	11.0	6.2	32	SBb	3	33	36.7	-	36	8	27 October
1380	1380	D 574		James Dunlop	1826	Gal	FOR	9.9	12.2	4.0	2.4	7	SB0	3	36	27.5	-	34	58	31 October
1387	1387					Gal	FOR							3	37	0.0	-	35	31	0 October
1395	1395			William Herschel	1784	Gal	ERI	9.8	13.3	5.0	4.5	120	E2	3	38	29.6	-	23	1	38 October
1398	1398			August Winnecke	1868	Gal	FOR	9.8	13.6	7.2	5.2	100	SBab	3	38	52.0	-	26	20	14 October
1399	1399	h 2569		John Herschel	1835	Gal	FOR	9.4	13.6	6.9	6.5	76	E1	3	38	28.9	-	35	26	59 October
1404	1404					Gal	ERI							3	38	54.0	-	35	35	0 October
1433	1433	D 426		James Dunlop	1826	Gal	HOR	9.8	13.6	6.5	5.9	99	SBa	3	42	1.2	-	47	13	19 October
1435	1435			Wilhelm Tempel	1859	BN	TAU			30.0	30.0		RN	3	46	10.0	+	23	45	24 October
1499	1499		California Nebula	Edward Barnard	1885	BN	PER	5.0		160.0	40.0		EN	4	3	14.4	+	36	21	33 October
1512	1512					Gal	HOR							4	3	54.0	-	43	21	0 October

1514	1514		William Herschel	1790	PN	TAU	10.9	2.2				PN	4	9	17.0 +	30	46	35	October	
1515	1515				Gal	DOR							4	4	0.0 -	54	6	0	November	
1532	1532				Gal	ERI							4	12	6.0 -	32	52	0	October	
1535	1535		Cleopatra's Eye	William Herschel	1785	PN	ERI	9.6	0.9			PN	4	14	15.8 -	12	44	20	October	
1543	1543				Gal	RET							4	12	48.0 -	57	44	0	October	
1549	1549	h 2629		James Dunlop	1826	Gal	DOR	9.6	12.9	4.9	4.1	135	E0	4	15	45.0 -	55	35	29	November
1553	1553	D 331		James Dunlop	1826	Gal	DOR	9.0	11.6	4.5	2.8	150	S0	4	16	10.6 -	55	46	46	November
1559	1559					Gal	RET	10.7	12.7	3.5	2.0	64	SBc	4	17	36.7 -	62	47	4	October
1566	1566	D 338		James Dunlop	1826	Gal	DOR	9.4	13.6	8.2	6.5	60	SBbc	4	20	0.5 -	54	56	14	November
1579	1579			William Herschel	1788	BN	PER			12.0	8.0		RN	4	30	14.2 +	35	16	47	October
1617	1617					Gal	DOR							4	31	42.0 -	54	36	0	November
1647	1647					OC	TAU	6.2	45.0					4	46	0.0 +	19	4	0	October
1672	1672					Gal	DOR							4	45	42.0 -	59	15		November
1763	1763	D 230		James Dunlop	1826	BN	DOR			5.0	3.0		EN	4	56	49.2 -	66	24	33	November
1783	1783					GC	DOR							4	58	54.0 -	66	0	0	November
1788	1788			William Herschel	1786	BN	ORI			5.0	3.0		RN	5	6	53.2 -	3	20	28	November
1792	1792					Gal	COL							5	5	12.0 -	37	59	0	November
1808	1808	D 532		James Dunlop	1826	Gal	COL	9.9	13.3	6.5	3.9	133	SBa	5	7	42.5 -	37	30	48	November
1818	1818					OC	DOR							5	4	12.0 -	66	24	0	November
1850	1850					OC	DOR							5	8	42.0 -	68	46	0	November
1851	1851	D 508		James Dunlop	1826	GC	COL	7.1	12.0				II	5	14	6.3 -	40	2	48	November
1866	1866					OC	DOR							5	13	30.0 -	65	28	0	November
1904	1904	M 79		Pierre Mechain	1780	GC	LEP	7.7	9.6				V	5	24	10.6 -	24	31	25	November
1912	1912	M 38		Giovanni Hodierna	1654	OC	AUR	6.4	15.0				III2m	5	28	42.4 +	35	51	18	November
1931	1931			William Herschel	1793	BN	AUR	10.1	6.0				OCL+EN	5	31	25.7 +	34	14	42	November
1952	1952	M 1	Crab Nebula	John Bevis	1731	BN	TAU	8.4		6.0	4.0		SNR	5	34	31.9 +	22	0	52	October
1955	1955					OC	DOR							5	26	6.0 -	67	28	0	November
1960	1960	M 36		Giovanni Hodierna	1654	OC	AUR	6.0	10.0				II3m	5	36	17.7 +	34	8	27	November
1962	1962					OC	DOR							5	26	30.0 -	68	46	0	November
1968	1968					BN + OC	DOR	9.0	12.0					5	27	22.2 -	67	27	50	November
1976	1976	M 42		Nicolas Peiresc	1610	BN	ORI	4.0	65.0	60.0			EN+RN	5	35	17.1 -	5	23	25	November
1977	1977		The Running Man	William Herschel	1786	BN	ORI		20.0					5	35	18.0 -	4	49	0	November
1980	1980		Iota Orionis Cluster			EN + OC	ORI	2.8	13.0				III3mn	5	35	25.9 +	5	54	35	November
1981	1981					OC	ORI							5	35	24.0 -	5	27	0	November
1982	1982	M43	Part of Orion nebula			BN	ORI							5	35	24.0 -	5	27	0	November
2022	2022			William Herschel	1785	PN	ORI	11.6	0.7				PN	5	42	6.2 +	9	5	12	November
2023	2023			William Herschel	1785	BN	ORI		10.0	10.0			EN+RN	5	41	38.2 -	2	15	33	November
2024	2024		Flame Nebula	William Herschel	1786	BN	ORI		30.0	30.0			EN	5	41	42.5 -	1	50	43	November
2068	2068	M 78		Pierre Mechain	1780	BN	ORI	8.0	8.0	6.0			RN	5	46	45.8 +	0	4	10	November
2070	2070	D 142	Tarantula Nebula	Nicolas Lacaille	1751	BN	DOR	5.0	30.0	20.0			EN	5	38	38.4 -	69	5	39	November
2074	2074					OC	DOR							5	38	54.0 -	69	28	0	November
2099	2099	M 37		Giovanni Hodierna	1654	OC	AUR	5.6	15.0				II1r	5	52	18.3 +	32	33	11	November
2158	2158					OC	GEM							6	7	30.0 +	24	6	0	December
2168	2168	M 35		Phillippe de Cheseaux	1745	OC	GEM	5.1	25.0				III2m	6	9	0.0 +	24	21	0	December
2169	2169		The "37" Cluster			OC	ORI	5.9	6.0				III3m	6	8	24.3 +	13	57	53	November
2174	2174			Edouard Stephan	1877	BN	ORI		40.0	30.0			EN	6	9	23.6 +	20	39	34	November
2214	2214					OC	DOR							6	12	48.0 -	68	16	0	November
2232	2232					OC	MON							6	26	36.0 -	4	45	0	December
2237	2237		Rosette Nebula Cluster	Lewis Swift	1871	BN	MON		80.0	50.0			EN	6	30	54.6 +	5	2	52	December
2243	2243					OC	CMA							6	29	48.0 -	31	17	0	December
2244	2244		Rosette Nebula			OC	MON	4.8	24.0					6	32	24.0 +	4	52	0	December
2261	2261		Hubble's Variable Nebula	William Herschel	1783	BN	MON		3.0	1.0			EN+RN	6	39	9.5 +	8	44	40	December
2264	2264		Christmas Tree Cluster + Cone Nebula			OC	MON							6	40	54.0 +	9	54	0	December
2287	2287	M 41		Aristoteles	-325	OC	CMA	4.5	39.0				II3m	6	45	59.9 -	20	45	15	December
2298	2298	D 578		James Dunlop	1826	GC	PUP	9.3	5.0				VI	6	48	59.2 -	36	0	17	December
2301	2301		The Slingshot Cluster	William Herschel	1786	OC	MON	6.0	15.0				I3r	6	51	45.3 +	0	27	33	December

2323	2323	M 50		Giovanni Cassini	1711	OC	MON	5.9	15.0				II3m	7	2	48.0 -	8	23	0	December
2327	2327			William Herschel	1785	BN	CMA		1.0	1.0			EN	7	4	7.2 -	11	18	51	December
2346	2346					PN	MON	11.8						7	9	24.0 -	0	48	0	December
2353	2353					OC	MON	5.2	20.0					7	14	36.0 -	10	18	0	December
2359	2359		Thors' Helmut	William Herschel	1785	BN	CMA		9.0	6.0			EN	7	18	30.0 -	13	13	30	December
2360	2360					OC	CMA	7.2	13.0					7	17	48.0 -	15	37	0	December
2362	2362		Tau Canis Majoris Cluster (Northern Jewel Box	Giovanni Hodierna	1654	OC	CMA	3.8	6.0				I3p	7	18	41.4 -	24	57	15	December
2371	2371			William Herschel	1785	PN	GEM	11.2	1.0				PN	7	25	33.9 +	29	29	18	December
2392	2392		Eskimo Nebula	William Herschel	1787	PN	GEM	9.1	0.9				PN	7	29	10.8 +	20	54	45	December
2419	2419		Intergalactic Tramp			GC	LYN	10.3	4.1				2	7	38	8.4 +	38	52	53	December
2422	2422	M 47		Giovanni Hodierna	1654	OC	PUP	4.4	25.0				III2m	7	36	35.0 -	14	28	47	December
2437	2437	M 46		Charles Messier	1771	OC	PUP	6.1	20.0				III2m	7	41	46.8 -	14	48	36	December
2438	2438			William Herschel	1786	PN	PUP	10.8	1.3				PN	7	41	50.6 -	14	44	5	December
2439	2439					OC	PUP							7	40	48.0 -	31	41	0	December
2440	2440			William Herschel	1790	PN	PUP	9.4	1.3				PN	7	41	55.4 -	18	12	29	December
2442	2442		The Meathook			Gal	VOL	11.2	5.0	4.0			SABs	7	36	23.8 -	69	31	51	December
2447	2447	M 93		Charles Messier	1781	OC	PUP	6.2	10.0				IV1p	7	44	29.2 -	23	51	11	December
2451	2451					OC	PUP							7	45	24.0 -	37	58	0	December
2467	2467			William Herschel	1784	BN	PUP	7.1	15.0				OCL+EN	7	52	26.0 -	26	26	12	December
2477	2477	D 535		Nicolas Lacaille	1751	OC	PUP	5.8	20.0				I3r	7	52	9.7 -	38	32	0	December
2489	2489					OC	PUP							7	56	12.0 -	30	4	0	December
2506	2506					OC	MON	7.6	7.0					10	5	12.0 -	10	47	0	December
2516	2516	L II.3	Southern Beehive	Nicolas Lacaille	1751	OC	CAR	3.8	22.0				I3r	7	58	7.1 -	60	45	12	December
2527	2527					OC	PUP							8	4	54.0 -	28	9	0	December
2539	2539			William Herschel	1785	OC	PUP	6.5	15.0				II1m	8	10	36.9 -	12	49	14	December
2546	2546					OC	PUP							8	12	24.0 -	37	38	0	December
2547	2547	D 410		Nicolas Lacaille	1751	OC	VEL	4.7	25.0				II2p	8	10	11.0 -	49	14	0	January
2548	2548	M 48		Charles Messier	1771	OC	HYA	5.8	30.0				I2m	8	13	43.1 -	5	45	2	January
2573	2573					Gal	OCT	13.6	2.0	0.8			SABscd	1	41	43.0 -	89	20	4	All Year
2613	2613					Gal	PYX	10.6	13.2	7.2	1.8	113	Sc II	8	33	23.0 -	22	58	23	January
2627	2627					OC	PYX							8	37	18.0 -	29	57	0	January
2632	2632	M 44		Aratos of Soli	-260	OC	CNC	3.1	70.0				II2m	8	39	57.2 +	19	40	21	December
2659	2659					OC	VEL							8	42	36.0 -	44	57	0	January
2669	2669					OC	VEL							8	46	18.0 -	52	52	0	January
2670	2670					OC	VEL							8	45	30.0 -	48	47	0	January
2671	2671					OC	VEL							8	46	12.0 -	41	53	0	January
2682	2682	M 67		Johann Koehler	1779	OC	CNC	6.9	25.0				II2m	8	51	24.0 +	11	49	0	December
2683	2683			William Herschel	1788	Gal	LYN	9.7	12.8	9.3	2.1	44	Sb	8	52	41.3 +	33	25	12	December
2736	2736		The Pencil. Part of Vela Supernova Remnant			SR	VEL							9	0	24.0 -	45	54	0	January
2775	2775					Gal	CAN	10.3	4.5	3.0			SaG	9	10	18.0 +	7	2	0	November
2808	2808	D 265		James Dunlop	1826	GC	CAR	6.2	14.0				I	9	12	2.6 -	64	51	45	December
2818	2818	D 564		James Dunlop	1826	OC + PN	PYX	11.6	1.6				PN	9	16	1.4 -	36	37	34	January
2867	2867					PN	CAR	9.7	0.2					9	21	24.0 -	58	19	0	December
2899	2899					PN	VEL	11.8						9	27	0.0 -	56	7	0	January
2903	2903			William Herschel	1784	Gal	LEO	8.8	13.3	12.6	6.0	17	SBbc	9	32	9.7 +	21	29	57	February
2910	2910					OC	VEL							9	30	24.0 -	52	54	0	January
2925	2925					OC	VEL							9	33	42.0 -	53	26	0	January
2972	2972					OC	VEL							9	40	18.0 -	50	20	0	January
2997	2997	D 622		William Herschel	1793	Gal	ANT	9.4	13.7	8.9	6.8	110	SBc	9	45	38.6 -	31	11	26	January
3109	3109		The Wisp			Gal	HYD	10.0	16.0	2.9				10	3	6.0 -	26	9	0	January
3114	3114	D 297		James Dunlop	1826	OC	CAR	4.2	35.0				II3r	10	2	42.0 -	60	6	0	December
3115	3115		Spindle Galaxy	William Herschel	1787	Gal	SEX	9.1	12.3	7.2	2.4	40	E-S0	10	5	14.1 -	7	43	5	January
3132	3132	h 3228	Eight Burst Nebula	VEL	1835	PN	VEL	9.2	1.5				PN	10	7	1.8 -	40	26	10	January
3184	3184			William Herschel	1787	Gal	UMA	9.6	13.7	7.4	6.9	135	SBc	10	18	17.0 +	41	25	24	February
3187	3187					Gal	LEO	12.7	13.9	3.0	1.3		S	10	17	48.1 +	21	52	23	February
3190	3190					Gal	LEO	11.1	13.0	4.4	1.5	125	Sa II-III	10	18	5.9 +	21	49	59	February

3195	3195	h 3241		John Herschel	1835	PN	CHA	11.6	0.7	0.5		PN	10	9	21.1	-	80	51	29	January	
3199	3199	D 332	Southern Crescent	James Dunlop	1826	BN	CAR		20.0	15.0		EN	10	16	48.0	-	57	57	0	December	
3201	3201	D 445		James Dunlop	1826	GC	VEL	6.9	20.0			X	10	17	36.8	-	46	24	38	January	
3228	3228					OC	VEL						10	21	48.0	-	51	43	0	January	
3242	3242		Ghost of Jupiter	William Herschel	1785	PN	HYA	7.7	1.1			PN	10	24	46.1	-	18	38	31	January	
3247	3247					OC	CAR						10	25	54.0	-	57	56	0	December	
3293	3293	D 321	The Gem Cluster	Nicolas Lacaille	1751	OC	CAR	4.7	5.0			I3r	10	35	48.7	-	58	13	28	December	
3324	3324					OC	CAR						10	37	18.0	-	58	38	0	December	
3344	3344					Gal	LMI	10.2	14.2	7.1	6.5	SC II	10	43	30.7	+	24	55	19	January	
3351	3351	M 95		Pierre Mechain	1781	Gal	LEO	9.8	13.6	7.4	5.0	13	SBb	10	43	57.8	+	11	42	12	February
3368	3368	M 96		Pierre Mechain	1781	Gal	LEO	9.3	13.2	7.8	5.2	176	SBab	10	46	45.8	+	11	49	12	February
3372	3372	D 309	Eta Carina Nebula	Nicolas Lacaille	1751	BN	CAR	3.0	120.0	120.0		EN	10	43	50.0	-	59	52	0	December	
3379	3379	M 105		Pierre Mechain	1781	Gal	LEO	9.5	13.1	5.3	4.8	71	E1	10	47	49.5	+	12	34	52	February
3384	3384			William Herschel	1784	Gal	LEO	9.9	12.9	5.4	2.7	53	E/SB0	10	48	16.7	+	12	37	43	February
3486	3486					Gal	LMI	10.3	14.0	7.1	5.2	80	Sc II	11	0	23.9	+	28	58	29	January
3521	3521			William Herschel	1784	Gal	LEO	9.2	13.5	11.2	5.4	163	SBbc	11	5	48.8	-	0	2	13	February
3532	3532	D 323	Football Cluster	Nicolas Lacaille	1751	OC	CAR	3.0	50.0			II1m	11	5	30.0	-	58	44	0	December	
3572	3572					OC	CAR						11	10	24.0	-	60	15	0	December	
3576	3576		Little Tarantula	John Herschel	1834	BN	CAR					EN	11	12	1.9	-	61	18	6	December	
3603	3603					OC	CAR	8.5					11	15	6.0	-	61	15	0	December	
3607	3607			William Herschel	1784	Gal	LEO	9.9	13.1	4.6	4.0	120	E-S0	11	16	54.5	+	18	3	8	February
3621	3621	D 617		William Herschel	1790	Gal	HYA	9.4	14.1	12.3	6.8	159	SBcd	11	18	15.8	-	32	48	40	January
3623	3623	M 65		Pierre Mechain	1780	Gal	LEO	9.2	12.7	9.8	2.9	174	SBa	11	18	55.6	+	13	5	27	February
3626	3626					Gal	LEO	10.6	12.3	2.7	1.9	157	S0/Sa	11	20	3.9	+	18	21	23	February
3627	3627	M 66		Pierre Mechain	1780	Gal	LEO	8.9	12.7	9.1	4.1	173	SBb	11	20	15.1	+	12	59	24	February
3628	3628			William Herschel	1784	Gal	LEO	9.6	13.5	13.1	3.1	104	Sb	11	20	16.7	+	13	35	24	February
3699	3699	h 3345		John Herschel	1834	PN	CEN	11.3	0.8			PN	11	27	57.2	-	59	57	27	March	
3766	3766	D 289		Nicolas Lacaille	1751	OC	CEN	5.3	15.0			I1p	11	36	14.3	-	61	36	36	March	
3810	3810					Gal	LEO	10.8	13.4	4.3	3.0	15	Sc I	11	40	58.7	+	11	28	17	February
3918	3918	h 3365	Blue Planetary	John Herschel	1834	PN	CEN	8.1	0.4			PN	11	50	17.8	-	57	10	55	March	
3923	3923			William Herschel	1791	Gal	HYA	9.6	13.1	5.9	3.9	50	E4	11	51	1.6	-	28	48	21	January
3960	3960					OC	CEN						11	50	52.0	-	55	41	0	March	
4038	4038		The Antennae			Gal	CRV	11.3	2.6	1.8			12	1	54.0	-	18	52	0	February	
4039	4039		The Antennae			Gal	CRV	13.0	3.2	2.2			12	1	54.0	-	18	53	0	February	
4052	4052					OC	CRU						12	1	54.0	-	63	12	0	February	
4103	4103	D 291		James Dunlop	1826	OC	CRU	7.4	6.0			I3m	12	6	39.5	-	61	15	0	February	
4192	4192	M98				Gal	COM	10.0	13.4	9.8	2.8	155	SAB(s)ab II	12	13	48.2	+	14	54	0	March
4214	4214			William Herschel	1785	Gal	CVN	9.6	13.8	8.0	6.6	144	IBm	12	15	38.8	+	36	19	39	March
4216	4216			William Herschel	1784	Gal	VIR	10.3	13.1	8.1	1.8	19	SBb	12	15	54.0	+	13	8	52	March
4244	4244		Silver Needle Galaxy			Gal	CVN	10.0	13.6	16.6	1.9	48	SA(s)cd:sp IV	12	17	29.7	+	37	48	24	March
4254	4254	M 99		Pierre Mechain	1781	Gal	COM	9.7	13.0	5.3	4.6	51	Sc	12	18	49.3	+	14	25	3	March
4258	4258	M 106		Pierre Mechain	1781	Gal	CVN	8.3	13.5	18.6	7.2	150	SBbc	12	18	57.8	+	47	18	25	March
4275	4275					Gal	COM	12.8	12.8	0.8	0.7		Sc	12	19	52.6	+	27	37	16	March
4303	4303	M 61		Barnaba Oriani	1779	Gal	VIR	9.3	13.1	6.5	5.9	162	SBbc	12	21	54.9	+	4	28	22	March
4321	4321	M 100		Pierre Mechain	1781	Gal	COM	9.3	13.3	7.5	6.1	30	SBbc	12	22	54.9	+	15	49	22	March
4337	4337					OC	CRU						12	23	54.0	-	58	8	0	February	
4349	4349					OC	CRU						12	24	30.0	-	61	54	0	February	
4361	4361			William Herschel	1785	PN	CRV	10.9	2.1			PN	12	24	30.8	-	18	47	3	February	
4365	4365			William Herschel	1784	Gal	VIR	9.6	13.5	6.9	5.0	40	E3	12	24	28.2	+	7	19	3	March
4372	4372	D 67		James Dunlop	1826	GC	MUS	7.2	5.0			XII	12	25	45.4	-	72	39	31	February	
4374	4374	M 84		Charles Messier	1781	Gal	VIR	9.2	13.2	6.5	5.6	135	E1	12	25	3.6	+	12	53	13	March
4382	4382	M 85		Pierre Mechain	1781	Gal	COM	9.1	13.0	7.1	5.5	5	S0-a	12	25	23.9	+	18	11	27	March
4406	4406	M 86		Charles Messier	1781	Gal	VIR	8.9	13.3	8.9	5.8	130	E3	12	26	11.5	+	12	56	47	March
4449	4449			William Herschel	1788	Gal	CVN	9.4	12.8	6.2	4.4	45	IBm	12	28	11.3	+	44	5	42	March
4463	4463					OC	MUS						12	30	0.0	-	64	48	0	February	
4472	4472	M 49		Charles Messier	1771	Gal	VIR	8.3	13.2	10.2	8.3	155	E2	12	29	46.7	+	8	0	0	March

4486	4486	M 87		Charles Messier	1781	Gal	VIR	8.6	13.0	8.3	6.6	170	E/P	12	30	49.4	+	12	23	26	March
4490	4490			William Herschel	1788	Gal	CVN	9.5	12.6	6.4	3.2	125	SBcd	12	30	36.1	+	41	38	34	March
4494	4494			William Herschel	1785	Gal	COM	9.7	12.8	4.8	3.5	171	E1	12	31	24.1	+	25	46	31	March
4501	4501	M 88		Charles Messier	1781	Gal	COM	9.4	12.8	6.8	3.7	140	Sb	12	31	59.0	+	14	25	11	March
4526	4526			William Herschel	1784	Gal	VIR	9.6	12.6	7.0	2.5	113	SB0	12	34	2.8	+	7	41	56	March
4552	4552	M 89		Charles Messier	1781	Gal	VIR	9.9	12.7	3.5	3.5		E	12	35	39.9	+	12	33	22	March
4559	4559			William Herschel	1785	Gal	COM	9.6	13.6	10.7	4.4	150	SBc	12	35	57.8	+	27	57	35	March
4565	4565		The Spindle	William Herschel	1785	Gal	COM	9.5	13.2	15.8	2.1	136	Sb	12	36	20.5	+	25	59	16	March
4569	4569	M 90		Charles Messier	1781	Gal	VIR	9.4	13.3	9.5	4.4	23	SBab	12	36	50.0	+	13	9	50	March
4579	4579	M 58		Charles Messier	1779	Gal	VIR	9.6	13.1	6.0	4.8	95	SBb	12	37	43.7	+	11	49	6	March
4590	4590	M 68		Charles Messier	1780	GC	HYA	7.3		11.0			X	12	39	28.0	-	26	44	32	January
4594	4594	M 104	Sombrero Hat Galaxy	Charles Messier	1781	Gal	VIR	8.3	12.0	8.6	4.2	89	Sa	12	39	59.3	-	11	37	21	March
4609	4609		Coalsack Cluster			OC	CRU	6.9		5.0				12	42	18.0	-	62	58	0	February
4621	4621	M 59		Johann Koehler	1779	Gal	VIR	9.7	13.0	5.4	3.7	165	E5	12	42	2.2	+	11	38	50	March
4631	4631			William Herschel	1787	Gal	CVN	9.0	12.9	15.2	2.8	86	SBcd	12	42	7.6	+	32	32	30	March
4636	4636			William Herschel	1784	Gal	VIR	9.4	13.1	5.9	4.6	150	E	12	42	49.7	+	2	41	14	March
4649	4649	M 60		Johann Koehler	1779	Gal	VIR	8.8	13.1	7.6	6.2	105	E2	12	43	39.8	+	11	33	11	March
4696	4696					Gal	CEN							12	48	48.0	-	41	19	0	March
4697	4697			William Herschel	1784	Gal	VIR	9.2	13.1	7.2	4.7	70	E6	12	48	35.8	-	5	48	0	March
4699	4699			William Herschel	1786	Gal	VIR	9.6	12.0	3.8	2.8	45	SBb	12	49	2.2	-	8	39	50	March
4710	4710					Gal	COM	10.9	12.7	4.9	1.2	27	SO-a	12	49	38.7	+	15	9	54	March
4725	4725			William Herschel	1785	Gal	COM	9.3	13.9	10.7	7.6	35	SBab/P	12	50	26.5	+	25	30	0	March
4736	4736	M 94		Pierre Mechain	1781	Gal	CVN	8.1	13.6	14.4	12.1	117	Sab	12	50	53.1	+	41	7	17	March
4753	4753					Gal	VIR							12	52	24.0	-	1	12	0	March
4755	4755	D 301	Jewel Box	Nicolas Lacaille	1751	OC	CRU	4.2		10.0			I3r	12	53	37.0	-	60	21	22	February
4762	4762			William Herschel	1784	Gal	VIR	10.1	12.9	8.7	1.7	29	SB0	12	52	55.9	+	11	13	50	March
4815	4815					OC	MUS							12	58	0.0	-	64	57	0	February
4826	4826	M 64	Black Eye Galaxy	Edward Pigott	1779	Gal	COM	8.5	12.7	10.0	5.4	115	Sab	12	56	43.8	+	21	40	59	March
4833	4833	D 164	Southern Butterfly	Nicolas Lacaille	1751	GC	MUS	8.4		14.0			VIII	12	59	35.0	-	70	52	27	February
4852	4852					OC	CEN							13	0	6.0	-	59	36	0	March
4889	4889					Gal	COM	11.5	13.3	2.9	1.9	80	E	13	0	8.1	+	27	58	37	March
4945	4945	D 411	The Tweezers Galaxy	James Dunlop	1826	Gal	CEN	8.6	13.2	19.8	4.0	43	SBc	13	5	26.1	-	49	27	46	March
4976	4976					Gal	CEN							13	8	36.0	-	49	30	0	March
5005	5005			William Herschel	1785	Gal	CVN	9.8	12.7	5.8	2.9	65	SBbc	13	10	56.1	+	37	3	31	March
5024	5024	M 53		Johann Bode	1775	GC	COM	7.7		13.0			V	13	12	55.3	+	18	10	11	March
5055	5055	M 63	Sunflower Galaxy	Pierre Mechain	1779	Gal	CVN	8.5	13.2	12.6	7.2	105	Sbc	13	15	49.0	+	42	1	59	March
5061	5061					Gal	HYA							13	18	6.0	-	26	50	0	January
5068	5068					Gal	VIR							13	18	54.0	-	21	2	0	March
5078	5078					Gal	HYA	10.8	12.8	4.0	1.9	148	SO	13	19	49.8	-	27	24	36	January
5102	5102	h 3492		John Herschel	1835	Gal	CEN	9.5	13.0	8.6	2.7	48	E-S0	13	21	57.0	-	36	37	54	March
5128	5128	D 482	Centaurus A (Hamburger Galaxy)	James Dunlop	1826	Gal	CEN	6.6	13.3	25.7	20.0	35	S0	13	25	29.0	-	43	0	58	March
5139	5139	D 440	Omega Centauri	Edmond Halley	1677	GC	CEN	3.9		55.0			VIII	13	26	47.0	-	47	28	51	March
5189	5189	D 252	Spiral Planetary	James Dunlop	1826	PN	MUS	10.3		2.3			PN	13	33	32.9	-	65	58	25	February
5194	5194	M 51	Whirlpool Galaxy	Charles Messier	1773	Gal	CVN	8.1	12.7	11.2	6.9	7	Sbc	13	29	52.6	+	47	11	44	March
5236	5236	M 83		Nicolas Lacaille	1751	Gal	HYA	7.5	12.8	12.9	11.5	44	SBc	13	37	0.2	-	29	52	2	January
5248	5248			William Herschel	1784	Gal	BOO	10.1	13.6	6.2	4.5	122	SBbc	13	37	32.0	+	8	53	10	March
5253	5253					Gal	CEN							13	39	54.0	-	31	39	0	March
5272	5272	M 3		Charles Messier	1764	GC	CVN	6.3		18.0			VI	13	42	11.2	+	28	22	34	March
5281	5281					OC	CEN							13	46	36.0	-	62	55	0	March
5286	5286	D 388		James Dunlop	1826	GC	CEN	7.4		11.0			V	13	46	26.5	-	51	22	22	March
5316	5316					OC	CEN							13	53	54.0	-	61	52	0	March
5364	5364					Gal	VIR	10.5	14.1	6.8	4.4	30	SBc/P	13	56	11.9	+	5	0	52	March
5460	5460					OC	CEN							14	7	36.0	-	48	19	0	March
5617	5617	D 302		James Dunlop	1826	OC	CEN	6.3		10.0			I3m	14	29	44.0	-	60	42	39	March
5634	5634					GC	VIR							14	29	36.0	-	5	59	0	March
5643	5643					Gal	LEP							14	32	42.0	-	44	10	0	November

5662	5662				OC	CEN					14	35	12.0	-	56	33	0	March	
5694	5694				GC	HYA	10.2	3.6			14	39	36.0	-	26	32	0	January	
5822	5822	D h 3588		James Dunlop	1826	OC	LUP	6.5	35.0		II1r	15	4	12.0	-	54	25	0	April
5823	5823					OC	CIR	7.9	10.0			15	5	42.0	-	55	36	0	April
5824	5824					GC	LUP					15	4	0.0	-	33	4	0	April
5882	5882	D h 3594		John Herschel	1834	PN	LUP	9.4	0.3		PN	15	16	50.0	-	45	38	56	April
5897	5897		Ghost Globular	William Herschel	1785	GC	LIB	8.5	11.0			15	17	24.0	-	21	1	0	April
5904	5904	M 5		Gottfried Kirch	1702	GC	SER	5.7	23.0		V	15	18	33.8	+	2	5	0	April
5925	5925					OC	NOR					15	27	42.0	-	54	31	0	April
5927	5927	D 389		James Dunlop	1826	GC	LUP	8.0	6.0		VIII	15	28	0.5	-	50	40	20	April
5946	5946					OC	NOR					15	35	30.0	-	50	40	0	April
5986	5986	D 552		James Dunlop	1826	GC	LUP	7.6	9.6		VII	15	46	3.5	-	37	47	8	April
5999	5999					OC	NOR					15	52	12.0	-	56	28	0	April
6005	6005					OC	NOR					15	55	48.0	-	57	26	0	April
6025	6025	D 304		Nicolas Lacaille	1751	OC	TRA	5.1	15.0		II2p	16	3	17.7	-	60	25	53	April
6067	6067	D 360		James Dunlop	1826	OC	NOR	5.6	15.0		I2r	16	13	10.9	-	54	13	8	April
6072	6072	h 3620		John Herschel	1837	PN	SCO	11.7	1.6		PN	16	12	58.2	-	36	13	46	May
6087	6087		S Norma Cluster			OC	NOR	5.4	12.0			16	18	54.0	-	57	54	0	April
6093	6093	M 80		Charles Messier	1781	GC	SCO	7.3	10.0		II	16	17	2.5	-	22	58	28	May
6101	6101					GC	APS	9.3	11.0			16	25	48.0	-	72	12	0	April
6121	6121	M 4		Phillippe de Cheseaux	1745	GC	SCO	5.4	36.0		IX	16	23	35.5	-	26	31	29	May
6124	6124	D 514		Nicolas Lacaille	1751	OC	SCO	5.8	40.0		II3m	16	25	19.9	-	40	39	13	May
6134	6134	D 412		James Dunlop	1826	OC	NOR	7.2	6.0		II3m	16	27	46.4	-	49	9	4	April
6139	6139					GC	SCO					16	27	42.0	-	38	51	0	May
6144	6144					GC	SCO					16	27	18.0	-	26	2	0	May
6152	6152					OC	NOR					16	32	42.0	-	52	37	0	April
6153	6153	Copeland		Ralph Copeland	1883	PN	SCO	10.9	0.4		PN	16	31	30.6	-	40	15	11	May
6164	6164					BN	NOR					16	34	0.0	-	48	6	0	April
6167	6167	D 400		James Dunlop	1826	OC	NOR	6.7	7.0		II3m	16	34	34.9	-	49	46	19	April
6171	6171	M 107		Pierre Mechain	1782	GC	OPH	7.8	13.0		X	16	32	31.9	-	13	3	11	May
6188	6188	h 3642		John Herschel	1836	BN	ARA		20.0	12.0	EN+RN	16	40	30.0	-	48	47	0	May
6192	6192					OC	SCO	8.5	7.0		I 2 r	16	40	23.8	-	43	22	1	May
6193	6193					OC	ARA	5.2	15.0			16	41	18.0	-	48	46	0	May
6205	6205	M 13		Edmond Halley	1714	GC	HER	5.8	20.0		V	16	41	41.5	+	36	27	39	May
6208	6208					OC	ARA					16	49	30.0	-	53	49	0	May
6210	6210			Wilhelm Struve	1825	PN	HER	8.8	0.4		PN	16	44	29.5	+	23	48	2	May
6216	6216					OC	SCO					16	49	24.0	-	44	44	0	May
6218	6218	M 12		Charles Messier	1764	GC	OPH	6.1	16.0		IX	16	47	14.5	-	1	56	50	May
6231	6231	D 499	Northern Jewel Box (False Comet Cluster)	Giovanni Hodierna	1654	OC	SCO	2.6	14.0		I3p	16	54	10.8	-	41	49	27	May
6235	6235					GC	OPH					16	53	24.0	-	22	11	0	May
6242	6242					OC	SCO					16	55	36.0	-	39	28	0	May
6250	6250					OC	ARA					16	58	0.0	-	45	56	0	May
6253	6253					OC	ARA					16	59	6.0	-	52	43	0	May
6254	6254	M 10		Charles Messier	1764	GC	OPH	6.6	20.0		VII	16	57	8.9	-	4	5	56	May
6266	6266	M 62		Charles Messier	1771	GC	OPH	6.4	15.0		IV	17	1	12.6	-	30	6	42	May
6273	6273	M 19		Charles Messier	1764	GC	OPH	6.8	17.0		VIII	17	2	37.7	-	26	16	3	May
6281	6281					OC	SCO	5.4	8.0			17	4	48.0	-	37	53	0	May
6284	6284					GC	OPH					17	4	30.0	-	24	46	0	May
6287	6287					GC	OPH					17	5	12.0	-	22	42	0	May
6293	6293					GC	OPH					17	10	12.0	-	26	35	0	May
6302	6302		Bug Nebula	Edward Barnard	1880	PN	SCO	9.6	1.5		PN	17	13	44.1	-	37	6	12	May
6304	6304					GC	OPH					17	14	30.0	-	29	28	0	May
6309	6309			Wilhelm Tempel	1876	PN	OPH	11.5	0.3		PN	17	14	4.3	-	12	54	37	May
6316	6316					GC	OPH					17	16	36.0	-	28	8	0	May
6318	6318					OC	SCO					17	17	48.0	-	39	27	0	May
6322	6322					OC	SCO					17	18	24.0	-	42	56	0	May

6333	6333	M 9		Charles Messier	1764	GC	OPH	7.8	12.0		VIII	17	19	11.8 -	18	30	57 May
6334	6334	h 3678		John Herschel	1837	BN	SCO		35.0	20.0	EN	17	20	24.0 -	35	51	0 May
6337	6337		Diamond Ring			PN	SCO	12.3	0.8	0.7		17	22	15.7 -	38	29	1.4 May
6341	6341	M 92		Johann Bode	1777	GC	HER	6.5	14.0		IV	17	17	7.3 +	43	8	13 May
6352	6352					GC	ARA	8.1	7.0			17	25	30.0 -	48	25	0 May
6356	6356					GC	OPH					17	23	36.0 -	17	49	0 May
6357	6357	h 3682		John Herschel	1837	BN	SCO		25.0	25.0	EN+OCL	17	24	43.5 -	34	12	5 May
6362	6362	D 225		James Dunlop	1826	GC	ARA	8.1	15.0		X	17	31	54.8 -	67	2	51 May
6369	6369			William Herschel	1784	PN	OPH	11.4	0.6		PN	17	29	20.4 -	23	45	33 May
6388	6388	D 457		James Dunlop	1826	GC	SCO	6.8	10.4		III	17	36	17.0 -	44	44	4 May
6397	6397	D 366		Nicolas Lacaille	1751	GC	ARA	5.3	31.0		IX	17	40	41.3 -	53	40	23 May
6402	6402	M 14		Charles Messier	1764	GC	OPH	7.6	11.0		VIII	17	37	36.1 -	3	14	43 May
6405	6405	M 6	Butterfly Cluster	Giovanni Hodierna	1654	OC	SCO	4.2	33.0		III2p	17	40	17.0 -	32	16	0 May
6416	6416					OC	SCO					17	44	18.0 -	32	22	0 May
6440	6440					GC	SGR					17	48	54.0 -	20	22	0 June
6441	6441	D 557		James Dunlop	1826	GC	SCO	7.2	9.6		III	17	50	12.9 -	37	3	2 May
6445	6445			William Herschel	1786	PN	SGR	11.2	0.7		PN	17	49	15.1 -	20	0	32 June
6453	6453					GC	SCO	10.2	3.5		IV	17	50	51.6 -	34	35	55 May
6475	6475	M 7	Ptolemy's Cluster	Claudius Ptolemäus	-138	OC	SCO	3.3	75.0		II2r	17	53	46.0 -	34	47	0 May
6494	6494	M 23		Charles Messier	1764	OC	SGR	5.5	25.0		III1m	17	57	0.0 -	19	1	0 June
6496	6496					GC	CRA					17	59	0.0 -	44	16	0 May
6514	6514	M 20	Triffid Nebula	Charles Messier	1764	BN	SGR	6.3	20.0	20.0	EN+OCL	18	2	18.0 -	23	2	0 June
6520	6520	Barnard 86	Ink Spot			DN	SGR					18	2	54.0 -	27	52	0 June
6522	6522	h 3720	Baade's Window	William Herschel	1784	GC	SGR	9.9	9.4		VI	18	3	34.1 -	30	2	0 June
6523	6523	M 8	Lagoon Nebula	Guillaume Legentil	1749	BN	SGR	5.0	45.0	30.0	EN	18	3	48.0 -	24	23	0 June
6528	6528					GC	SGR					18	4	48.0 -	30	3	0 June
6530	6530					OC	SAG					18	1	36.0 -	24	20	0 October
6531	6531	M21				OC	SAG					18	4	36.0 -	22	30	0 October
6537	6537		Red Spider Nebula			PN	SAG	13.0	0.2			18	5	12.0 -	19	51	0 October
6541	6541	D 473		Niccolò Cacciatore	1826	GC	CRA	6.3	15.0		III	18	8	2.2 -	43	42	40 May
6544	6544			William Herschel	1784	GC	SGR	7.5	9.2		V	18	7	20.6 -	24	59	49 June
6553	6553					GC	SGR					18	9	18.0 -	25	54	0 June
6563	6563	D 606		James Dunlop	1826	PN	SGR	11.0	0.8		PN	18	12	2.6 -	33	52	4 June
6567	6567					PN	SGR	11.0	0.2	0.1	PN	18	13	45.1 -	19	4	34 June
6569	6569					GC	SGR					18	13	36.0 -	31	50	0 June
6572	6572			Wilhelm Struve	1825	PN	OPH	8.1	0.3		PN	18	12	6.4 +	6	51	15 May
6584	6584					GC	TEL					18	18	36.0 -	52	13	0 June
6590	6590			Lewis Swift	1885	BN	SGR		5.0	3.0	RN	18	16	51.7 -	19	46	41 June
6603	6603					OC	SGR					18	20	48.0 -	16	11	0 June
6604	6604			William Herschel	1784	OC	SER	6.5	6.0		I3p	18	18	3.0 -	12	14	35 April
6611	6611	M 16	Eagle Nebula Cluster	Phillippe de Cheseaux	1745	OC	SER	6.0	8.0		II3mn	18	18	48.0 -	13	47	50 April
6613	6613	M18				OC	SGR	6.9	9.0			18	19	58.4 -	17	6	4 June
6618	6618	M 17	Swan or Omega Nebula	Phillippe de Cheseaux	1745	BN	SGR	6.0	20.0	15.0	EN+OCL	18	20	48.0 -	16	11	0 June
6624	6624	D h 3742		William Herschel	1784	GC	SGR	7.6	8.8		VI	18	23	40.5 -	30	21	38 June
6626	6626	M 28		Charles Messier	1764	GC	SGR	6.9	13.8		IV	18	24	32.9 -	24	52	10 June
6633	6633					OC	OPH					18	27	42.0 +	6	34	0 May
6637	6637	M 69		Charles Messier	1780	GC	SGR	7.6	7.1		V	18	31	23.2 -	32	20	51 June
6638	6638					GC	SGR					18	30	54.0 -	25	30	0 June
6642	6642					GC	SGR					18	31	54.0 -	23	29	0 June
6652	6652					GC	SGR					18	35	48.0 -	32	59	0 June
6656	6656	M 22		Abraham Ihle	1665	GC	SGR	5.2	32.0		VII	18	36	24.2 -	23	54	10 June
6681	6681	M 70		Charles Messier	1780	GC	SGR	7.8	8.0		V	18	43	12.7 -	32	17	29 June
6694	6694	M26				OC	SCT	8.0	14.0		II 3 m	18	45	18.6 -	9	23	0 June
6705	6705	M 11	Wild Duck Cluster	Gottfried Kirch	1681	OC	SCT	5.8	11.0		I2r	18	51	6.0 -	6	16	0 June
6712	6712					GC	SCT					18	53	6.0 -	8	42	0 June
6715	6715	M 54		Charles Messier	1778	GC	SGR	7.7	12.0		III	18	55	3.3 -	30	28	40 June

6720	6720	M 57	Ring Nebula	Antoine Darquier	1779	PN	LYR	8.8	3.0	2.4	55	PN	18	53	35.1 +	33	1	47	June
6723	6723	D 573		James Dunlop	1826	GC	SGR	6.8	13.0			VII	18	59	33.2 -	36	37	52	June
6726	6726			Julius Schmidt	1861	BN	CRA		80.0			RN	19	1	42.2 -	36	52	35	May
6729	6729		R Coronae Australis Nebula			BN	CRA	9.7	1.0				19	1	54.0 -	36	57	0	May
6744	6744	D 262		James Dunlop	1826	Gal	PAV	8.3 14.2	20.1	12.9	15	SBbc	19	9	46.1 -	63	51	24	June
6751	6751			Albert Marth	1863	PN	AQL	11.9	0.4			PN	19	5	55.5 -	5	59	30	June
6752	6752	D 295	Pavo Globular (The Starfish)	James Dunlop	1826	GC	PAV	5.3	29.0			VI	19	10	51.8 -	59	58	53	June
6769	6769					Gal	PAV	11.9 13.1	2.3	1.5	123	SBb/P	19	18	23.1 -	60	30	5	June
6779	6779	M56				GC	LYR	8.4	7.1			10	19	16	35.4 +	30	11	5	June
6781	6781			William Herschel	1788	PN	AQL	11.4	1.9			PN	19	18	28.3 +	6	32	25	June
6791	6791		Levy's False Comet			OC	LYR	9.5	16.0				19	20	8.6 +	37	51	0	June
6809	6809	M 55		Nicolas Lacaille	1751	GC	SGR	6.3	19.0			XI	19	39	59.4 -	30	57	42	June
6818	6818			William Herschel	1787	PN	SGR	9.3	0.8			PN	19	43	57.8 -	14	9	9	June
6822	6822		Barnard's Galaxy	Edward Barnard	1884	Gal	SGR	8.7 14.4	15.4	14.2	5	IBm	19	44	56.6 -	14	48	23	June
6838	6838	M 71		Phillippe de Cheseaux	1745	GC	SGE	8.4	7.2			GCL	19	53	46.1 +	18	46	44	June
6853	6853	M 27		Charles Messier	1764	PN	VUL	7.4	6.7			PN	19	59	36.3 +	22	43	18	June
6857	6857			William Herschel	1784	BN	CYG	11.4	0.6			EN	20	1	48.0 +	33	31	30	June
6864	6864	M75				GC	SGR						20	6	6.0 -	21	55	0	June
6876	6876					Gal	PAV	11.2 13.1	2.4	2.0		SO	20	18	18.9 -	70	51	31	June
6885	6885					OC	VUL	8.1	20.0			II 2 p	20	11	55.8 +	26	29	20	June
6888	6888		Crescent Nebula	William Herschel	1792	BN	CYG	10.0	18.0	13.0		EN	20	12	6.5 +	38	21	18	June
6891	6891			Ralph Copeland	1884	PN	DEL	10.5	0.4			PN	20	15	8.9 +	12	42	17	June
6905	6905			William Herschel	1784	PN	DEL	11.1	1.2			PN	20	22	23.0 +	20	6	18	June
6934	6934					GC	DEL	8.9	7.0			VIII	20	34	12.0 +	7	24		June
6981	6981					GC	AQR	9.2	5.9			IX	20	53	30.0 -	12	32	0	July
6992	6992		Veil Nebula	William Herschel	1784	SR	CYG	7.0	60.0	8.0		EN	20	56	24.0 +	31	43	0	June
7000	7000		North American Nebula	William Herschel	1786	BN	CYG	4.0	120.0	100.0		EN	20	58	50.0 +	44	31	0	June
7006	7006					GC	DEL	10.6	2.8			1	21	1	29.3 +	16	11	16	June
7009	7009		Saturn Nebula	William Herschel	1782	PN	AQR	8.0	0.6			PN	21	4	10.8 -	11	21	47	July
7026	7026			Sherbourne Burnham	1873	PN	CYG	10.9	0.8			PN	21	6	18.6 +	47	51	10	June
7027	7027			Edouard Stephan	1878	PN	CYG	8.5	0.9			PN	21	7	1.7 +	42	14	12	June
7078	7078	M 15		Jean-Dominique Maraldi	1746	GC	PEG	6.3	18.0			IV	21	29	58.3 +	12	10	3	August
7089	7089	M 2		Jean-Dominique Maraldi	1746	GC	AQR	6.6	16.0			II	21	33	27.2 -	0	49	22	July
7099	7099	M 30		Charles Messier	1764	GC	CAP	6.9	12.0			V	21	40	22.0 -	23	10	43	July
7293	7293		Helix Nebula	Karl Ludwig Harding	1824	PN	AQR	7.3	17.6			PN	22	29	38.4 -	20	50	11	July
7320	7320		Stephan's Quintet of Galaxies			Gal	PEG	12.7	2.2				22	36	4.0 +	33	57	0	August
7331	7331			William Herschel	1784	Gal	PEG	9.5 13.4	10.2	4.2	171	Sbc	22	37	5.1 +	34	25	13	August
7410	7410					Gal	GRU	10.6 12.8	5.5	2.0		Sa	22	55	0.0 -	39	40	0	July
7424	7424					Gal	GRU	10.4 15.0	9.5	8.1		SBclI	22	57	18.4 -	41	4	15	July
7456	7456					Gal	GRU	11.7 14.0	5.5	1.6		Sc	23	2	10.2 -	39	34	11	July
7479	7479					Gal	PEG	11.0 13.6	4.1	3.1	25	SBb I	23	4	56.4 +	12	19	0	August
7552	7552					Gal	GRU	10.7 12.9	3.4	2.7		Sbab	23	16	12.0 -	42	35	0	July
7582	7582		Grus Quartet of galaxies			Gal	GRU	10.6 13.0	5.0	2.1		Sbab	23	18	24.0 -	42	22	0	July
7590	7590					Gal	GRU	11.6 12.6	2.7	1.0		Sc	23	19	12.0 -	42	15	0	July
7599	7599					Gal	GRU	11.4 13.1	4.4	1.3		Sbc	23	19	24.0 -	42	16	0	July
7662	7662			William Herschel	1784	PN	AND	8.3	0.6			PN	23	25	53.9 +	42	32	8	September
7793	7793	D 608		James Dunlop	1826	Gal	SCL	9.0 13.3	9.3	6.3	98	Scd	23	57	49.2 -	32	35	30	August
7814	7814		Electric Arc Galaxy			Gal	PEG	11.0 13.6	5.5	2.3	135	SAsab:sp	0	3	14.8 +	16	8	43	August
4567/8	4567/8		Siamese Twins			Gal	VIR	11.5 13.3	3.0	2.0	85	Sc	12	36	32.8 +	11	15	28	March
Adhara	Adhara	ADS 5654	Adhara (Epsilon Canis Majoris)			MS	CMA						6	58	36.0 -	28	58	0	December
ADS 10049	ADS 10049		Rho Ophiuchus			MS	OPH	4.5	2.9				16	25	21.0 -	23	26	49	May
ADS 1615	ADS 1615		Alrescha (Alpha Piscium)			MS	PSC	3.8		1.6	294		2	2	6.0 +	2	46	0	August
ADS 4187	ADS 4187		42 Orionis			MS	ORI						5	35	24.0 -	4	50	0	November
ADS 4241	ADS 4241		Sigma Orionis			MS	ORI	3.7	Various	Various			5	38	42.0 -	2	36	0	November
ADS 5951	ADS 5951	h 3945				MS	CMA	4.5	27.0		53		7	16	36.0 -	23	19	0	December
ADS 8600	ADS 8600		24 Comae			MS	COM	5.0	20.1		270		12	35	6.0 +	18	23	0	March

Alpha Centauri	Alpha Centauri		Rigel Kentaurus		MS	CEN				14	39	42.0	-	60	50	0	March
Alpha Crucis	Alpha Crucis		Acrux		MS	CRU				12	26	36.0	-	63	6	0	February
Barnard 87	Barnard 87		The Parrot's Head		DN	SGR				18	4	18.0	-	32	30	0	June
BD-20 3283	BD-20 3283		V Hydra		CS	HYA	6.8			10	51	37.3	-	21	15	0	January
Bernes 157	Bernes 157				DN	CRA				19	3	30.0	-	37	13	0	May
Coal Sack	Coal Sack				DN	CRU	Nil	Huge		12	53	0.0	-	63	0	0	February
Collinder 249	Collinder 249		Lambda Centauri Cluster		OC	CEN	2.9	65.0	40.0					63	22	0	March
Cr 135	Cr 135		Pi Puppis Cluster		OC	PUP				7	17	0.0	-	36	50	0	December
Cr 399	Cr 399				OC	VUL				19	25	24.0	+	20	11	0	June
Cr 69	Cr 69		Lambda Orionis Cluster		OC	ORI				5	35	6.0	+	9	56	0	November
D 95	D95		x Velorum		MS	VEL	4.3	51.7	105					55	36	0	January
Dunlop 126	Dunlop 126	HR4898	Mu Crucis		MS	CRU				12	54	36.0	-	57	11	0	February
Dunlop 166	Dunlop 166		Alpha Circinus		MS	CIR				14	42	30.0	-	64	59	0	April
Dunlop 18	Dunlop 18		Iota Pictoris	James Dunlop	1826	MS	PIC			4	49	48.0	-	51	48	0	November
Dunlop 226	Dunlop 226		Beta Sagittarii		MS	SGR				19	22	36.0	-	44	27	0	June
Dunlop 227	Dunlop 227				MS	TEL				19	48	42.0	-	55	6	0	June
Dunlop 240	Dunlop 240		Beta Piscis Austrini		MS	PSA				22	28	42.0	-	32	36	0	July
Dunlop 30	Dunlop 30		Rumker 65		MS	PUP				6	29	48.0	-	50	14	0	December
Dunlop 65	Dunlop 65	HR3206	Gamma Velorum		MS	VEL				8	9	30.0	-	47	20	0	January
Epsilon Sagittae	Epsilon Sagittae		Epsilon Sagittae		MS	SGE				19	35	36.0	+	16	21	0	June
EsB 365	EB 365	DY Crucis	Ruby Crucis		Star	CRU	8.9			12	47	24.7	-	59	41	41	February
ESO 118-31	ESO 118-G31		Reticulum Dwarf		GC	RET	14.2	1.7		4	36	12.0	-	58	52	0	October
ESO 270-17	ESO 270-17				Gal	CEN	11.8	17.0	2.0	13	34	8.0	-	45	32	0	March
ESO 350-G40	ESO 350-G40		Cartwheel Galaxy		Gal	SCU	13.5	1.1	0.9	0	37	41.1	-	33	43	0	June
ESO 351-G30	ESO 351-G30		Sculptor Dwarf Galaxy		Gal	SCU	8.8	15.0		0	59	54.0	-	33	42	0	June
ESO 356-G04	ESO 356-G04		Fornax Dwarf Galaxy		Gal	FOR	9.3	17.0	12.6	2	39	54.0	-	34	32	0	October
ESO 97-13	ESO 97-13				Gal	CIR	12.0	7.0	3.5	14	13	12.0	-	65	20	0	April
GL 699	GL 699	Munich 15041	Barnard's Star		Star	OPH				17	57	48.0	+	4	42	0	May
h 5003	h 5003				MS	SGR	5.0	5.8	107	17	59	3.0	-	30	15	10	June
h 5356	h 5356				MS	PSA				22	37	0.0	-	28	36	0	July
H10	H10				OC	NOR				16	15	36.0	-	54	52	0	April
H13	H13				OC	ARA				17	1	42.0	-	48	6	0	May
h3670	h3670				MS	RET				4	33	0.0	-	62	56	0	October
H5	H5				OC	CRU				12	25	12.0	-	60	29	0	February
H6	H6				OC	MUS				12	35	0.0	-	68	10	0	February
HD108105	HD108105		SS Virginis		CS	VIR	7.0			12	25	14.4	-	0	46	11	March
HD115236	HD115236		UY Centauri		CS	CEN	7.0			13	16	31.8	-	44	42	16	March
HD160435	HD160435		V Pavo		CS	PAV	7.0			17	43	18.9	-	57	43	26	June
HD33793	HD33793	VZ Pictoris	Kapteyn's Star		VS	PIC	8.9			5	11	40.6	-	45	1	6	November
HD85405	HD85405		Y Hydra		CS	HYA	6.6			9	51	3.7	-	23	1	2	January
He 2-111	He 2-111				PN	CEN	12.9	0.5		14	33	18.0	-	60	50	0	March
Herschel 4330	Herschel 4330		t Velorum		MS	VEL				10	30	48.0	-	46	45	0	January
Herschel 4332	Herschel 4332				MS	VEL				10	30	48.0	-	46	45	0	January
Herschel 5258	Herschel 5258		Theta Indi		MS	IND				21	16	18.0	-	53	40	0	July
HIP10826	HIP10826	Mira	Omicron Ceti (Mira)	David Fabricus	1596	VS	CET	2.0		2	19	20.7	-	2	58	39	September
HN40	HN40				MS	SAG	7.0	Various	Various	18	2	36.0	-	23	2	0	October
HN84	HN84	Hh630			MS	SGE				19	37	12.0	+	16	27	21	June
HR1492	HR1492	HD29712	R Doradus		CS	DOR	5.5			4	36	45.6	-	62	4	38	November
HR1607	HR1607	HD31996	R Leporus (Hind's Crimson Star)		Star	LEP	7.7			4	59	36.3	-	14	48	23	November
HR1648	HR1648	HD32736	W Orionis		CS	ORI	6.2			5	5	23.7	+	1	10	39	November
HR1713	HR1713		Rigel (Beta Orionis)		MS	ORI				5	14	30.0	-	8	12	0	November
HR1788	HR1788		Eta Orionis		MS	ORI				5	24	30.0	-	2	24	0	November
HR1851	HR1851		Delta Orionis		MS	ORI				5	32	0.0	-	0	18	0	November
HR1899	HR1899		Iota Orionis		MS	ORI				5	35	24.0	-	5	55	0	November
HR1948	HR1948		Zeta Orionis		MS	ORI				5	40	48.0	-	1	57	0	November
HR2308	HR2308	HD44984	BL Orionis		CS	ORI	6.2			6	25	28.2	+	14	43	19	November

HR2356	HR2356		Beta Monocerotiss	MS	MON				6	28	48.0	-	7	2	0	December	
HR2491	HR2491		Sirius (Alpha Canis Majoris)	MS	ORI				6	45	6.0	-	16	43	0	November	
HR2591	HR2591	HD51208	NP Puppis	CS	PUP	6.3			6	54	26.7	-	42	21	56	December	
HR3485	HR3485		Delta Velorum	MS	VEL				8	44	42.0	-	54	43	0	January	
HR4057	HR4057		Gamma Leonis	MS	LEO				10	20	0.0	+	19	51	0	February	
HR4153	HR4153	HD91793	U Antlia	CS	ANT	5.4			10	35	12.8	-	39	33	45	January	
HR4163	HR4163	HD92055	U Hydra	CS	HYA	4.9			10	37	33.3	-	13	23	4	January	
HR423	HR423	HD8879	R Sculptoris	CS	SCL	5.8			1	26	58.1	-	32	32	35	August	
HR4730	HR4730		Acrux	MS	CRU				12	26	36.0	-	63	6	0	February	
HR4819	HR4819		Gamma Centaurus	MS	CEN				12	41	30.0	-	48	58	0	March	
HR4825	HR4825		Gamma Virginis	MS	VIR				12	41	42.0	-	1	27	0	March	
HR4844	HR4844		Beta Musca	MS	MUS				12	46	18.0	-	68	6	0	February	
HR5267	HR5267		Agena / Hadar (Beta Centaurii)	MS	CEN				14	3	48.0	-	60	22	0	March	
HR545	HR545		Gamma Aries	MS	ARI				1	53	30.0	-	19	18	0	September	
HR5459	HR5459		Alpha Centauri	MS	CEN				14	39	36.0	-	60	50	0	March	
HR5477	HR5477		Zeta Bootis	MS	BOO				14	41	6.0	+	13	44	0	March	
HR5505	HR5505	HD129988	Epsilon Bootes (Izar)	MS	BOO	4.7	2.9	341	14	45	0.0	+	27	4	0	March	
HR5605	HR5605		Pi Lupus	MS	LUP				15	5	6.0	-	47	3	0	April	
HR5788	HR5788		Delta Serpens	MS	SER				15	34	48.0	+	10	32	0	April	
HR596	HR596	Alrischca	Alpha Piscium	MS	PIS				2	2	0.0	+	2	46	0	November	
HR5977	HR5977		Xi Scorpii	MS	SCO				16	4	24.0	-	11	22	0	May	
HR5984	HR5984		Beta Scorpii	MS	SCO				16	5	24.0	-	19	48	0	May	
HR6026	HR6026		Nu Scorpii - Southern Double Double	MS	SCO				16	12	0.0	-	19	28	0	May	
HR6134	HR6134		Antares (Alpha Scorpii)	MS	SCO				16	29	24.0	-	26	26	0	May	
HR6406	HR6406		Alpha Herculis (Rasalgethi)	MS	HER	2.8	4.6	106	17	14	36.0	+	14	23	0	May	
HR6484	HR6484	HD157778	Rho Herculis	MS	HER	5.4	4.0	317	17	23	42.0	+	37	9	0	May	
HR6752	HR6752	ADS 11046	70 Ophiuchus	MS	OPH				18	5	30.0	+	2	30	0	May	
HR7051	HR7051		Epsilon Lyrae	MS	LYR				18	44	18.0	+	39	40	0	June	
HR7056	HR7056		Zeta Lyrae	MS	LYR				18	44	48.0	+	37	36	0	June	
HR7089	HR7089	HD174325	S Scutum	CS	SCT	7.0			18	50	20.0	-	7	54	27	June	
HR7220	HR7220	HD177336	V Aquila	CS	AQU	7.5			19	4	24.2	-	5	41	5	July	
HR7226	HR7226		Gamma Corona Australis	MS	CRA				19	6	24.0	-	37	4	0	May	
HR7417	HR7417		Albireo (Beta Cygnii)	MS	CYG				19	30	42.0	+	27	58	0	June	
HR7947	HR7947		Gamma Delphinus	MS	DEL	4.2	9.1	266	20	46	23.4	+	16	7	29	June	
HR804	HR804		Gamma Cetus	MS	CET				2	43	18.0	+	3	14	0	September	
HR8145	HR8145	HD202874	T Indus	CS	IND	6.0			21	20	9.5	-	45	1	19	July	
HR8156	HR8156	HD203133	Y Pavo	CS	PAV	6.4			21	24	16.8	-	69	44	2	June	
HR8521	HR8521	HD212087	pi-1 Gru	CS	GRU	6.6			22	22	44.2	-	45	56	53	July	
HR8558	HR8558		Zeta Aquarii	MS	AQU				22	28	48.0	-	0	1	0	July	
HR897	HR897		Theta Eridanus (Acamar)	MS	ERI	2.9	8.4	90	2	58	9.4	-	40	18	17	October	
HR9004	HR9004	HD223075	19=TX Psc	CS	PSC	5.0			23	46	23.5	+	3	29	13	August	
HR977	HR977	HD20234	TW Horologium	CS	HOR	5.7			3	12	33.2	-	57	19	18	October	
IC1459	IC1459			Gal	GRU				22	57	0.0	-	36	28	0	July	
IC1613	IC1613		The Scarecrow	IG	CET	9.0	12.0	11.0	1	4	48.0	+	2	7	0	September	
IC1633	IC1633			Gal	PHE				1	9	54.0	-	45	56	0	September	
IC2149	IC2149		Williamena Fleming	1906	PN	AUR	10.6	0.6	PN	5	56	23.9	+	46	6	19	November
IC2220	IC2220		Toby Jug Nebula		BN	CAR				7	56	48.0	-	59	7	0	December
IC2391	IC2391		Omicron Velorum Cluster		OC	VEL	2.5	50.0		8	40	12.0	-	53	4	0	January
IC2395	IC2395	L III.3			OC	VEL	4.6	13.0	II3p	8	42	30.1	-	48	7	32	January
IC2488	IC2488				OC	VEL				9	27	36.0	-	56	59	0	January
IC2602	IC2602		Southern Pleiades		OC	CAR	1.9	50.0		10	43	12.0	-	64	24	0	December
IC2714	IC2714				OC	CAR				11	17	54.0	-	62	42	0	December
IC2944	IC2944	Frost	Lamda Centaurus Cluster		BN	CEN	4.5	35.0	EN+OCL	11	37	53.3	-	63	21	13	March
IC348	IC348				BN	PER	7.3	10.0	IV2pn	3	44	34.1	+	32	9	47	October
IC405	IC405		Flaming Star Nebula		BN	AUR	6.7	30.0	20.0	5	16	12.0	+	34	16	0	November
IC410	IC410				BN	AUR	7.5	25.0	OCL	5	22	44.1	+	33	24	43	November

IC418	IC418		Red Planetary or Spirograph Nebula	Williamena Fleming	1891	PN	LEP	9.3	0.2		PN	5	27	28.3	-	12	41	48	November
IC434	IC434	B33	Horsehead Nebula			DN	ORI		6.0	4.0		5	41	0.0	-	2	24	0	November
IC4406	IC4406	Stewart		DeLisle Stewart		PN	LUP	10.2	1.8		PN	14	22	26.4	-	44	9	2	April
IC4449	IC4449					GC	APS	10.1	7.6			15	0	18.0	-	82	13	2	April
IC4603	IC4603			Edward Barnard	1895	BN	OPH		35.0	20.0	RN+*	16	25	36.0	-	24	28	0	May
IC4606	IC4606	Antares		William Finlay	1887	BN	SCO	10.0	60.0	40.0	RN	16	31	36.0	-	26	3	0	May
IC4628	IC4628	Barnard		Edward Barnard	1895	BN	SCO		90.0	60.0	EN	16	57	0.0	-	40	20	0	May
IC4651	IC4651					OC	ARA					17	24	42.0	-	49	57	0	May
IC4665	IC4665					OC	OPH					17	46	18.0	+	5	43	0	May
IC4703	IC4703		Eagle nebula			BN	SER					18	18	48.0	-	13	47	50	April
IC4725	IC4725	M 25		Phillippe de Cheseaux	1745	OC	SGR	4.6	26.0		l2p	18	31	46.7	-	19	6	54	June
IC4756	IC4756					OC	SER	5.4	50.0			18	39	0.0	+	5	27	0	April
IC5148/50	IC5148/50	Gale		Walter Gale	1894	PN	GRU	11.0	2.2		PN	21	59	35.1	-	39	23	6	July
IC5152	IC5152					Gal	IND	10.6				22	2	54.0	-	51	17	0	July
IC5201	IC5201	ESO 289-G018				Gal	GRU	11.5	11.0	6.0	SBcIII	22	21	24.0	-	46	4	0	July
IC5250	IC5250					Gal	TUC					22	47	18.0	-	65	3	0	August
IC5332	IC5332					Gal	SCU					23	34	30.0	-	36	6	0	June
k Puppis	k Puppis					MS	PUP					7	36	48.0	-	26	41	0	December
Klemora 4	Klemora 4					Gal Cl	PSA					22	2	20.0	-	31	57	1	July
Lac119	Lac119		Beta Tucanae			MS	TUC					0	31	30.0	-	62	58	0	August
M 45	M 45	M 45		Homer	-750	OC	TAU	2.0	100.0		OC	3	43	54.0	+	23	58	0	October
M24	M24		Sagittarius Star Cloud			OC	SGR					18	16	54.0	-	18	29	0	June
Mel 25	Mel 25		Hyades			OC	TAU	0.5	330.0			4	26	54.0	+	15	52	0	October
Mel 101	Mel 101					OC	CAR					10	42	6.0	-	65	6	0	December
Mel 105	Mel 105					OC	CAR					11	19	39.0	-	63	30	0	December
Mel 111	Mel 111		Coma Star Cluster			OC	COM					12	25	0.0	+	26	0	0	March
Mel 125	Mel 125		Hyades			OC	TAU					4	27	0.0	+	16	0	0	October
Shapley 1	Shapley 1					PN	NOR	12.6				15	51	42.0	-	51	32	0	April
Shapley 3	Shapley 3					PN	ARA	11.9				18	7	18.0	-	51	2	0	May
SL7	SL7					DN	LUP	Nil	160.0	10.0	DN	16	1	48.0	-	41	52	0	April
Struve 1097	Struve 1097					MS	CMA					7	25	30.0	-	11	27	0	December
Struve 1120	Struve 1120					MS	PUP					7	39	18.0	-	14	42	0	December
Struve 1121	Struve 1121					MS	PUP					7	39	18.0	-	14	42	0	December
Struve 1930	Struve 1930	ADS 9584	5 Serpentis			MS	SER					15	19	12.0	+	1	46	0	April
Struve 2417	Struve 2417	ADS 11873	Theta Serpentis			MS	SER					18	56	12.0	+	4	12	0	April
Struve 747	Struve 747					MS	ORI					5	35	24.0	-	5	27	0	November
Theta Orionis	Theta Orionis		Trapezium			MS	ORI					5	35	24.0	-	5	27	0	November
Tr 10	Tr 10					OC	VEL					8	47	54.0	-	42	27	0	January
Tr 23	Tr 23					OC	NOR					16	1	30.0	-	53	32	0	April
			Large Magellanic Cloud (LMC)			GAL	DOR					5	23	36.0	-	69	45	0	November