

7000 DSO List (sorted by constellation - magnitude) - from SAC 7.7 database

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Cr 70		Opn CL	ORI	0.4	-	150'	05 36.0	-01 00	225	II 3 m n	100	1.7	Orion's belt stars
Cr 285		Opn CL	UMA	0.4	-	1400'	12 03.0	+58 00	47			2	UMa moving cluster
Mel 25	Hyades	Opn CL	TAU	0.5	-	330'	04 27.0	+16 00	178	II 3 m	40	3.4	Taurus moving cluster;Aldebaran not a member
Cr 173		Opn CL	PUP	0.6	-	370'	08 03.6	-46 16	396	IV 2 p		13	
Cr 302		Opn CL	SCO	1	-	500'	16 26.0	-26 13	336	III 3 p			Antares moving cluster
Mel 20	Cr 39	Opn CL	PER	1.2	-	185'	03 24.3	+49 52	63	III 3 m	50	2.9	Alpha Per moving cluster (Mag w/o Alpha Per)
M 45	Mel 22	CL+Neb	TAU	1.2	11	100'	03 47.0	+24 07	132	I 3 r n	100	2.9	Pleiades;nebys NGC 1432 and 1435 involved
Mel 111	Cr 256	Opn CL	COM	1.8	-	275'	12 25.1	+26 07	148	II 3 p	80	4.3	Coma Berenices star cluster
Cr 135		Opn CL	PUP	2.1	-	50'	07 17.4	-36 50	361	IV 2 p	77	2.7	
NGC 1980	OCL 529	CL+Neb	ORI	2.5	-	14'	05 35.4	-05 55	270	III 3 m n			H V 31
IC 2391	Cr 191	Opn CL	VEL	2.5	-	60'	08 39.6	-52 55	425	III 3 p	30	3.6	Scattered group of 10 * incl Omicron Velorum
Cr 121		Opn CL	CMA	2.6	-	50'	06 56.3	-24 44	318	III 3 p	20	3.8	
NGC 6231	Dunlop 520	Opn CL	SCO	2.6	-	15'	16 54.2	-41 49	407	I 3 r n	93	4.7	Table of Scorpius
Cr 69		Opn CL	ORI	2.8	-	65'	05 35.1	+09 56	180	II 3 p n	20		Lambda Ori cluster
NGC 2451	OCL 716	Opn CL	PUP	2.8	-	50'	07 45.3	-37 58	362	II 2 p	40	3.6	includes naked eye red star c Pup; not a true cluster
NGC 3372	Dunlop 309	Brn Neb	CAR	3	-	120'	10 45.1	-59 52	427	E			Keyhole Nebula & nova-like var Eta Car; drk lanes
NGC 3532	OCL 839	Opn CL	CAR	3	-	50'	11 05.2	-58 44	427	II 1 m	150	7.1	Fine object
Mel 186	Cr 359	Opn CL	OPH	3	-	240'	18 01.1	+02 54	249	IV 3 m			Bull of Poniatowski; at end of 'offramp' of Milky Way
Cr 65		Opn CL	ORI	3	-	220'	05 26.1	+16 42	180	II 3 p		14.7	Centered on 113 Tau; large group
M 44	NGC 2632	Opn CL	CNC	3.1	13	95'	08 40.0	+19 40	141	II 2 m	50	6.3	Beehive Cluster;200 memb to 14 mag
M 24	IC 4715	Opn CL	SGR	3.1	4.3	95'	18 26.6	-18 23	339				Small Sagittarius Star Cloud; dark neb , 6603 invl
M 7	NGC 6475	Opn CL	SCO	3.3	12	80'	17 53.9	-34 48	377	II 2 r	80	5.6	80 members to 10th mag; Ptolemy's cluster
Cr 316		Opn CL	SCO	3.4	-	105'	16 55.5	-40 50	407	I 2 m		14	
M 31	NGC 224	Galaxy	AND	3.4	13.5	189'	00 42.7	+41 16	60	Sb			Andromeda Galaxy;Local Group;nearest spiral
IC 1396	OCL 222	CL+Neb	CEP	3.5	-	89'	21 39.1	+57 30	57	II 3 m n	50	3.8	In Cep OB2;Neb is 165'X135';cluster is Tr 37
Cr 140		Opn CL	CMA	3.5	-	60'	07 24.5	-31 51	361	III 3 p	76	5.4	The Tuft in the tail of the dog;visible naked eye
Cr 132		Opn CL	CMA	3.6	-	80'	07 15.4	-30 41	361	III 3 p	25	5.3	
Cr 399		Opn CL	VUL	3.6	-	60'	19 26.2	+20 06	161	III 3 m	40	5.2	Brocchi's cluster;The Coathanger Cl;
Steph 1		Opn CL	LYR	3.8	-	20.0'	18 54.5	+36 54	117	IV 3 p	15	4.3	Delta Lyrae cluster
NGC 5139	Omeg Cen	Glob CL	CEN	3.9	-	36.3'	13 26.8	-47 29	403	VIII			Stars mags 11...;finest globular;magnificent object
NGC 2232	OCL 545	Opn CL	MON	3.9	-	30'	06 28.0	-04 51	227	IV 3 p	20	5	H VIII 25
NGC 2264	OCL 495	CL+Neb	MON	3.9	-	20'	06 41.0	+09 54	183	III 3 m n	40	5	Christmas Tree Cluster; Near Cone nebula
NGC 771	50 CAS	Star	CAS	4	-		02 03.4	+72 25	17				
NGC 7000	LBN 373	Brn Neb	CYG	4	-	120'	21 01.8	+44 12	85	E			North America nebula;Cl NGC 6997 invl
M 42	NGC 1976	CL+Neb	ORI	4	11	90'	05 35.3	-05 23	225	E+R			Orion neb Trapezium* 6.7-7.7m;>50 var* invl
NGC 2362	OCL 633	Opn CL	CMA	4.1	-	8'	07 18.7	-24 57	319	I 3 p n	60	4.4	H VII 17;40 * to 13 mag surround Tau Cma;sev pairs
Cr 62		Opn CL	AUR	4.2	-	28'	05 22.5	+41 00	66	IV 3 p			
Cr 464		Opn CL	CAM	4.2	-	120'	05 12.6	+73 58	6	IV 3 p	50		
IC 4665	OCL 85	Opn CL	OPH	4.2	-	41'	17 46.3	+05 43	203	III 2 p	30	6.9	Incl Struve 2212 8.5+9 ;3.1"sep;340 deg PA
NGC 1981	OCL 525	Opn CL	ORI	4.2	-	25'	05 35.2	-04 26	225	III 2 p n	20	6.3	In Ori OB1;incl D* Struve 750
M 6	NGC 6405	Opn CL	SCO	4.2	10	20'	17 40.3	-32 15	377	III 2 p	80	6.2	Butterfly cluster;51 members to 10.5 mag incl var* BM
IC 2581	Cr 222	Opn CL	CAR	4.3	-	8'	10 27.4	-57 38	426	I 3 m n	25	4.6	In Car OB1?;beaut fld;central* CPD 3256 many pairs--H
NGC 4530		Star	CVN	4.3	-		12 33.8	+41 21	75				
Stock 2		Opn CL	CAS	4.4	-	60'	02 14.7	+59 29	37	III 1 m	166	8.2	2 deg north of Double Cluster; easy in binocs
NGC 2478	NGC 2422	Opn CL	PUP	4.4	-	30'	07 36.6	-14 29	274				Equals 2422 (M 47)
M 47	NGC 2422	Opn CL	PUP	4.4	11	30'	07 36.6	-14 29	274	III 2 m	30	5.7	H VIII 38;Messier gave poor postion;Stv 1121,1120 invl
Blanco 1		Opn CL	SCL	4.5	-	89.0'	00 04.3	-29 56	350	IV 3 m	30	8	Zeta Sculptoris cluster
M 41	NGC 2287	Opn CL	CMA	4.5	12	38'	06 46.0	-20 45	318	II 3 m	80	6.9	150 members to 13 mag;orange * near center
Cr 106		Opn CL	MON	4.6	-	45'	06 37.1	+05 57	182	III 3 p	20		
NGC 6633	OCL 90	Opn CL	OPH	4.6	-	27'	18 27.3	+06 31	205	III 2 m	30	7.6	H VIII 72
IC 4756	Cr 386	Opn CL	SER	4.6	-	39'	18 39.0	+05 27	250	III 2 m	80	8.7	Naked eye from dark site
M 8	NGC 6530	Opn CL	SGR	4.6	-	15'	18 04.5	-24 21	339	II 2 m n		6.9	In Lagoon nebula M8;25* mags 7...
IC 2395	Cr 192	Opn CL	VEL	4.6	-	17'	08 42.5	-48 08	397	II 3 p	40	5.5	Cluster NGC 2670 in field 30' south
Tr 10	Cr 203	Opn CL	VEL	4.6	-	15'	08 47.8	-42 29	397	II 2 p	40	6.4	
M 25	IC 4725	Opn CL	SGR	4.6	12	29'	18 31.8	-19 07	340	I 2 p	30	6.7	Contains U Sgr;Stars mags 6...10
M 39	NGC 7092	Opn CL	CYG	4.6	11	32'	21 32.2	+48 26	86	III 2 p	30	6.8	Large but loose cluster
NGC 3293	OCL 816	Opn CL	CAR	4.7	-	40'	10 35.8	-58 13	427	I 3 r n		6.5	In Car OB1
Fein 1		Opn CL	CAR	4.7	-		11 06.0	-59 48	427	IV 2 p	40	6.6	
NGC 2542		Star	PUP	4.7	-		08 11.3	-12 56	275				
NGC 2547	OCL 753	Opn CL	VEL	4.7	-	20'	08 10.2	-49 12	396	II 2 p n	80	6.5	
NGC 2239	NGC 2244	Opn CL	MON	4.8	-	24'	06 31.9	+04 57	227	II 3 p n	40		
NGC 2244	NGC 2239	CL+Neb	MON	4.8	-	24'	06 31.9	+04 57	227	II 3 r n;b	100	5.8	H VII 2;In Rosette nebula
Kemble 1		Aster	CAM	5	-	180'	03 57.5	+63 04	18		20	5	Kemble's Cascade; 3 deg chain of stars

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2254	OCL 500	Opn CL	MON	9.1	-	4'	06 35.8	+07 40	182	I 2 p	50	11.9	H VII 22
Cr 115		Opn CL	MON	9.1	-	7'	06 46.5	+01 47	228	III 2 p	50		
NGC 2112	OCL 509	Opn CL	ORI	9.1	-	11'	05 53.8	+00 25	226	II 3 m n	50	10	H VII 24
Ru 46		Opn CL	PUP	9.1	-	2'	08 02.1	-19 28	320	II 3 p	15	9.4	
NGC 6144	GCL 42	Glob CL	SCO	9.1	-	6.2'	16 27.2	-26 01	336	XI			H VI 10
Cr 469		Opn CL	SGR	9.1	-	5'	18 16.5	-18 19	339	IV 1 p	51	11.2	
Ru 67		Opn CL	VEL	9.1	-	6'	08 41.8	-43 23	397	IV 3 p	35	10.7	
NGC 247	ESO 540-22	Galaxy	CET	9.1	14.4	21'	00 47.1	-20 46	306	SBcd			H V 20
NGC 7793	ESO 349-12	Galaxy	SCL	9.1	13.4	9.6'	23 57.8	-32 36	350	Scd			
M 84	NGC 4374	Galaxy	VIR	9.1	13	6.7'	12 25.1	+12 53	193	E1			Markarian's chain:center of Virgo cluster
M 85	NGC 4382	Galaxy	COM	9.1	12.9	7.4'	12 25.4	+18 11	148	Sa			SN 1960r;P w NGC 4394 @ 7.8' foll
Cr 307		Opn CL	ARA	9.2	-	6'	16 35.3	-50 58	433	III 2 p		11.1	
Frolov 1		Opn CL	CAS	9.2	-		23 57.4	+61 38	15		26	10.6	
King 19		Opn CL	CEP	9.2	-	7'	23 08.3	+60 31	58	II 2 m	25	10.4	
Haffner 6		Opn CL	CMA	9.2	-	4'	07 20.1	-13 09	274	IV 3 p n	60	11.1	
NGC 7245	OCL 225	Opn CL	LAC	9.2	-	5'	22 15.3	+54 20	57	II 1 p		12.8	H VI 29;50 vF stars
NGC 6287	GCL 54	Glob CL	OPH	9.2	-	2.7'	17 05.2	-22 42	337	VII			H II 195
NGC 2587	OCL 706	Opn CL	PUP	9.2	-	9'	08 23.4	-29 31	363	II 1 p	40		
NGC 2658	OCL 723	Opn CL	PYX	9.2	-	10'	08 43.5	-32 39	363	I 2 r :b	80	12	
NGC 6139	GCL 43	Glob CL	SCO	9.2	-	5.5'	16 27.7	-38 51	375	II			
NGC 6704	OCL 82	Opn CL	SCT	9.2	-	6'	18 50.9	-05 12	250	I 3 m	30	12.2	
Tr 35	Cr 398	Opn CL	SCT	9.2	-	9'	18 42.9	-04 14	250	II 2 p	35	11.4	
NGC 6638	GCL 95	Glob CL	SGR	9.2	-	2.2'	18 30.9	-25 30	340	VI			H I 51
Cr 213		Opn CL	VEL	9.2	-	17'	09 55.0	-50 57	426	IV 2 p	21	8.7	
Ru 79		Opn CL	VEL	9.2	-	11'	09 41.0	-53 50	426	III 3 p	20	11.5	
IC 1613	UGC 668	Galaxy	CET	9.2	15	16.6'	01 04.9	+02 08	217	Ir			Member of Local Group
NGC 185	UGC 396	Galaxy	CAS	9.2	14.3	12.5'	00 39.0	+48 20	60	dE0			H II 707;Dwarf elliptical; Member Local Group
NGC 4631	UGC 7865	Galaxy	CVN	9.2	13.1	15.2'	12 42.1	+32 32	108	SBcd			H V 42;P w NGC 4627 @ 2.5'
NGC 4697	MCG - 1-33-	Galaxy	VIR	9.2	13.1	6.2'	12 48.6	-05 48	284	Elliptical			H I 39
NGC 2841	UGC 4966	Galaxy	UMA	9.2	12.7	7.7'	09 22.0	+50 59	44	Sb			H I 205;fine spiral w symmetrical whorls
M 72	NGC 6981	Glob CL	AQR	9.2	12	5.9'	20 53.5	-12 32	299	IX			3 deg WSW of NGC 7009
NGC 381	OCL 317	Opn CL	CAS	9.3	-	6'	01 08.4	+61 35	16	III 2 p	50	10	H VIII 64;In Cas OB1?
Berk 62		Opn CL	CAS	9.3	-	10'	01 01.2	+63 57	16	III 2 p	50	10.9	
NGC 7142	OCL 241	Opn CL	CEP	9.3	-	4.3'	21 45.2	+65 46	33	II 2 r	100	12.1	H VII 66
NGC 2509	OCL 630	Opn CL	PUP	9.3	-	8'	08 00.8	-19 03	320	II 1 p	70		H VIII 1
Haffner 18		Opn CL	PUP	9.3	-	1'	07 52.7	-26 23	320	I 2pn:b	25	11	
NGC 6535	GCL 83	Glob CL	SER	9.3	-	1.3'	18 03.8	-00 18	249	XI			
NGC 6440	GCL 77	Glob CL	SGR	9.3	-	1.7'	17 48.9	-20 22	338	V			H I 150;* eF
Bochum 14		Opn CL	SGR	9.3	-	2'	18 02.0	-23 42	339	III 1 pn	11	10.3	
Cr 351		Opn CL	SGR	9.3	-	9'	17 49.9	-28 46	377	IV 2 p	30		
PK 2- 3.5	He2-344	Pln Neb	SGR	9.3	-	3.3"	18 06.1	-28 41	377			14.4	magnitude value is infrared region
M 96	NGC 3368	Galaxy	LEO	9.3	13.1	7.8'	10 46.8	+11 49	190	SBab Ri			comp @ 3.8';PA 205
M 65	NGC 3623	Galaxy	LEO	9.3	12.8	9'	11 18.9	+13 05	191	SBa			M66 subgroup, Leo's Triplet
M 105	NGC 3379	Galaxy	LEO	9.3	12.8	5.3'	10 47.8	+12 35	190	E1			P w NGC 3384 @ 7.2';NGC 3389 @ 10 ' ;Leo Group
Pismis 17		Opn CL	CAR	9.4	-	0.6'	11 01.1	-59 49	427	III 2 p		10.4	
NGC 133	OCL 296	Opn CL	CAS	9.4	-	7'	00 31.3	+63 21	15	IV 1 p	5		
NGC 7788	OCL 275	Opn CL	CAS	9.4	-	9'	23 56.7	+61 24	15	I 2 p	20		in Cas OB5?
NGC 4230	OCL 874	Opn CL	CEN	9.4	-	6'	12 17.3	-55 05	428	IV 2 p	15		
NGC 2243	OCL 644	Opn CL	CMA	9.4	-	5'	06 29.6	-31 17	360	I 2 r	100	11.8	
Ru 18		Opn CL	CMA	9.4	-	4'	07 24.7	-26 11	319	III 2 p	40	11	
NGC 1269	NGC 1291	Galaxy	ERI	9.4	-	9.7'	03 17.3	-41 06	390	SBO-a F			
NGC 6229	GCL 47	Glob CL	HER	9.4	-	3.8'	16 47.0	+47 32	80	IV			H IV 50;Wm.
NGC 2141	OCL 487	Opn CL	ORI	9.4	-	10'	06 02.9	+10 27	181	II 3 r	10	13.3	
NGC 2298	GCL 11	Glob CL	PUP	9.4	-	6.8'	06 49.0	-36 00	360	VI			Stars eF
Haffner 15		Opn CL	PUP	9.4	-	3.5'	07 45.5	-32 51	362	II 3 p	35	12	
Haffner 19		Opn CL	PUP	9.4	-	1.8'	07 52.7	-26 17	320	I 3 p n	30	10.8	
NGC 6683	OCL 74	Opn CL	SCT	9.4	-	11'	18 42.2	-06 17	295	I 2 p n	20	11.7	Rich Milky Way field prob not true cluster
M 74	NGC 628	Galaxy	PSC	9.4	14.2	10'	01 36.7	+15 47	173	Sc			Fine face on spiral
NGC 4725	UGC 7989	Galaxy	COM	9.4	14	10.4'	12 50.4	+25 30	149	SBab Ri			H I 84;P w NGC 4712 @ 12 '
NGC 2997	ESO 434-35	Galaxy	ANT	9.4	13.7	9.2'	09 45.6	-31 11	365	SBc			H V 50
NGC 1360	PK 220-53.1	Pln Neb	FOR	9.4	13.7	360"	03 33.2	-25 52	312	3		11.3	
M 100	NGC 4321	Galaxy	COM	9.4	13.4	7.5'	12 22.9	+15 49	193	SBbc			SN 1901-14-59;NGC 4322 @ 5.2';NGC 4328 @ 6.1'
NGC 1023	UGC 2154	Galaxy	PER	9.4	12.8	8.1'	02 40.4	+39 04	62	E7p			brtst in grp;more neb 10' E;lens shp F tuft on E tip
NGC 1553	ESO 157-17	Galaxy	DOR	9.4	12	5'	04 16.2	-55 47	420	SO			
M 57	NGC 6720	Pln Neb	LYR	9.4	9.3	86"	18 53.6	+33 02	117	4(3)		15.8	Ring Nebula ;central* var 14 to 16 mag;PK63+13.1

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1535	PK 206-40.1	Pln Neb	ERI	9.4	7.2	20"	04 14.3	-12 44	268	4(2c)		12.1	H IV 26;PK206-40.1
NGC 559	OCL 322	Opn CL	CAS	9.5	-	4.4'	01 29.5	+63 19	16	II 2 m	60	10.6	H VII 48
NGC 743	OCL 343	Opn CL	CAS	9.5	-	5'	01 58.5	+60 10	37	II 1 p	12	10	
Ru 20		Opn CL	CMA	9.5	-	10'	07 26.7	-28 50	361	III 2 m	30	11.6	
Hogg 14		Opn CL	CRU	9.5	-	3'	12 28.6	-59 48	428	II 3 p	11	10.5	
NGC 2266	OCL 471	Opn CL	GEM	9.5	-	7'	06 43.3	+26 58	138	II 2 m	50	11	H VI 21
NGC 6791	OCL 142	Opn CL	LYR	9.5	-	16'	19 20.7	+37 51	118	II 3 r	300	13	very rich
Lynge 6		Opn CL	NOR	9.5	-	5'	16 04.8	-51 57	432		60	10.7	
NGC 6342	GCL 61	Glob CL	OPH	9.5	-	3'	17 21.2	-19 35	338	IV			H I 149
NGC 6366	GCL 65	Glob CL	OPH	9.5	-	5.8'	17 27.7	-05 05	248	XI			
Tr 26	Cr 331	Opn CL	OPH	9.5	-	7'	17 28.5	-29 30	376	III 2 p	40		
Ru 148		Opn CL	PER	9.5	-	3'	04 46.5	+44 43	65	IV 2 p	15	9.9	
Ru 34		Opn CL	PUP	9.5	-	4'	07 45.9	-20 23	320	III 2 p	35	11.2	
NGC 6268	OCL 1002	Opn CL	SCO	9.5	-	6'	17 02.2	-39 44	407	II 2 p			
NGC 6528	GCL 84	Glob CL	SGR	9.5	-	3.7'	18 04.8	-30 03	377	V			H II 200;* mags 16...;Gamma Sgr in field
Pismis 8		Opn CL	VEL	9.5	-	2'	08 41.6	-46 17	397	II 3 p	25	10.5	
NGC 5634	GCL 28	Glob CL	VIR	9.5	-	4.9'	14 29.6	-05 59	287	IV			H I 70;11 mag star on E edge
NGC 147	UGC 326;D	Galaxy	CAS	9.5	14.5	13.5'	00 33.2	+48 30	60	dE4			Dwarf El;P w NGC 185 at 58';low surface br; Local Grp
NGC 1097	ESO 416-20	Galaxy	FOR	9.5	13.8	9.4'	02 46.3	-30 17	354	SBb			H V 48
NGC 3628	UGC 6350	Galaxy	LEO	9.5	13.4	13.1'	11 20.3	+13 35	191	Sb			H V 8;Leo group;disturbed
M 90	NGC 4569	Galaxy	VIR	9.5	13.4	9.9'	12 36.8	+13 10	194	SBab			IC 3583 @ 6 ' ;vseBN in B diff bar w much dark matter
NGC 7331	UGC 12113	Galaxy	PEG	9.5	13.3	10.2'	22 37.1	+34 25	123	SBc			Brightest in group of F obj;sev dark lanes
NGC 4636	NGC 4624?	Galaxy	VIR	9.5	13.1	5.9'	12 42.8	+02 41	239	Elliptical			H II 38
NGC 4699	MCG - 1-33-	Galaxy	VIR	9.5	11.9	3.8'	12 49.0	-08 40	284	SBb			H I 129
Tr 19	Cr 243	Opn CL	CAR	9.6	-	10'	11 14.3	-57 35	427	III 3 m	40		
NGC 7226	OCL 226	Opn CL	CEP	9.6	-	1.8"	22 10.5	+55 25	57	I 1 p	25	10.8	
NGC 7027	PK 84-3.1	Pln Neb	CYG	9.6	-	18"	21 07.0	+42 14	85	3a		16.5	bizarre spectrum
NGC 2311	OCL 553	Opn CL	MON	9.6	-	7'	06 57.8	-04 37	228	III 2 p	50	12	H VIII 60
Cr 104		Opn CL	MON	9.6	-	22'	06 36.5	+04 49	227	IV 1 p n	15		Archinal: a 20 min long 'integral sign' chain of stars
NGC 1496	OCL 396	Opn CL	PER	9.6	-	6'	04 04.5	+52 40	39	II 1 p	10	12	
NGC 2479	OCL 623	Opn CL	PUP	9.6	-	7'	07 55.1	-17 42	320	III 1 m	45		H VII 58
Cr 187		Opn CL	PUP	9.6	-	7'	08 24.2	-29 10	363	III 1 p	20		
Ru 36		Opn CL	PUP	9.6	-	4'	07 48.5	-26 18	320	IV 1 m	30	10.3	
Ru 47		Opn CL	PUP	9.6	-	5'	08 02.3	-31 06	362	I 1 p	20	10.9	
Ru 49		Opn CL	PUP	9.6	-	2.5'	08 03.3	-26 47	320	II 3 p	10	10.1	
Pismis 24		Opn CL	SCO	9.6	-	4'	17 24.7	-34 12	376	IV 2 p n	15	10.4	
NGC 6507	OCL 32	Opn CL	SGR	9.6	-	7'	17 59.8	-17 27	339	IV 2 p	35	12	H VIII 53
NGC 4236	UGC 7306	Galaxy	DRA	9.6	15	22.6'	12 16.7	+69 28	25	SBd			H V 51;P w Ho 357b @ 9';L;F spiral structure
NGC 1365	ESO 358-17	Galaxy	FOR	9.6	14.1	11'	03 33.6	-36 08	355	SBb			Best example of barred spiral;Fornax Gal Cl member
NGC 1399	ESO 358-45	Galaxy	FOR	9.6	13.7	6.6'	03 38.5	-35 27	355	E1p			Fornax Galaxy Cluster member
M 61	NGC 4303	Galaxy	VIR	9.6	13.4	6.5'	12 21.9	+04 28	238	SBbc Rr			SN 1926;1961;1964;NGC 4301 @ 10 ' ;H I 139;L face-o
NGC 4365	UGC 7488	Galaxy	VIR	9.6	13.4	6.5'	12 24.5	+07 19	193	Elliptical			H I 30;NGC 4370 @ 10 '
NGC 4565	UGC 7772	Galaxy	COM	9.6	13.3	14.9'	12 36.3	+25 59	149	Sb			Needle ;NGC 4562 @ 13.4';classic edge-on galaxy
NGC 1395	ESO 482-19	Galaxy	ERI	9.6	13.1	5.6'	03 38.5	-23 02	312	E3			H I 58
NGC 5102	ESO 382-50	Galaxy	CEN	9.6	13	8.6'	13 22.0	-36 38	370	E-SO			17' nf Iota CEN
M 88	NGC 4501	Galaxy	COM	9.6	13	6.8'	12 32.0	+14 25	193	Sbc			comp @ 6.9';mult arm spiral
NGC 4449	UGC 7592	Galaxy	CVN	9.6	13	6.2'	12 28.2	+44 06	75	Ir			H I 213
M 51	NGC 5195	Galaxy	CVN	9.6	12.9	5.9'	13 30.0	+47 16	76	SBO-a			H I 186;Interacting P w M 51;peculiar
M 59	NGC 4621	Galaxy	VIR	9.6	12.9	5.3'	12 42.0	+11 39	194	E3			B diff N;smooth arms
PK 64+ 5.1	BD+30 3639	Pln Neb	CYG	9.6	6.9	35.0"	19 34.8	+30 31	118	4		12.5	Campbell's hydrogen star;
M 73	NGC 6994	Opn CL	AQR	9.7	-	2.8'	20 59.0	-12 38	299	IV 1 p	14	10	4 or 5 10th mag stars; Messier saw neb but there is no.
Berk 58		Opn CL	CAS	9.7	-	8'	00 00.2	+60 58	35	IV 2 p	30	15	
NGC 7067	OCL 208	Opn CL	CYG	9.7	-	3'	21 24.2	+48 01	86	II 2 p	20	11.2	H VII 50
NGC 7128	OCL 218	Opn CL	CYG	9.7	-	3.1'	21 44.0	+53 43	57	II 3 m	35	11.5	H VII 40
NGC 2355	NGC 2356	Opn CL	GEM	9.7	-	9'	07 17.0	+13 45	184	II 2 p	40	13	H VI 6
NGC 2356	NGC 2355	Opn CL	GEM	9.7	-	9'	07 17.0	+13 45	184				H VII 6
NGC 7296	OCL 228	Opn CL	LAC	9.7	-	4'	22 28.2	+52 17	57	III 2 p	20	10	H VII 41
Bochum 2		Opn CL	MON	9.7	-	1.5'	06 48.9	+00 23	228	I 1 p	10	10.9	
Czernik 8		Opn CL	PER	9.7	-	7'	02 33.0	+58 46	38	II 3 m	10	9.9	
NGC 2580	OCL 709	Opn CL	PUP	9.7	-	8'	08 21.5	-30 19	363	II 2 m	50		
Lynge 14		Opn CL	SCO	9.7	-	2'	16 55.0	-45 15	407		15	11.2	
NGC 3105	OCL 798	Opn CL	VEL	9.7	-	2'	10 00.7	-54 47	426	I 3 p	20	12.4	
Pismis 12		Opn CL	VEL	9.7	-	4.5'	09 19.9	-45 08	398	III 2 p	20	11.6	
NGC 3621	ESO 377-37	Galaxy	HYA	9.7	14.4	12.4'	11 18.3	-32 49	367	SBcd			H I 241
NGC 1566	ESO 157-20	Galaxy	DOR	9.7	13.9	8.2'	04 20.0	-54 56	420	SBbc			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1398	ESO 482-22	Galaxy	FOR	9.7	13.5	7.2'	03 38.9	-26 20	312	SBab			
M 95	NGC 3351	Galaxy	LEO	9.7	13.5	7.3'	10 44.0	+11 42	190	SBb			Leo group
NGC 1672	ESO 118-43	Galaxy	DOR	9.7	13.4	6.7'	04 45.7	-59 15	421	SBb			
M 58	NGC 4579	Galaxy	VIR	9.7	13.1	6'	12 37.7	+11 49	194	SBb			fine compact spiral
NGC 4125	UGC 7118	Galaxy	DRA	9.7	12.9	6'	12 08.1	+65 10	25	Elliptical			
NGC 1407	ESO 548-67	Galaxy	ERI	9.7	12.9	4.9'	03 40.2	-18 35	312	EO			H I 107
NGC 4526	NGC 4560	Galaxy	VIR	9.7	12.7	7'	12 34.0	+07 42	194	SBO			H I 31;lenticular;between two 7th mag stars
NGC 2867	PK 278-5.1	Pln Neb	CAR	9.7	6.5	12"	09 21.4	-58 19	425	4		16	
NGC 6210	PK 43+37.1	Pln Neb	HER	9.7	5.9	20"	16 44.5	+23 48	156	2(3b)		12.5	
Pal 11		Glob CL	AQL	9.8	-	10'	19 45.3	-08 01	297	XI			
NGC 103	OCL 291	Opn CL	CAS	9.8	-	5'	00 25.3	+61 19	15	II 2 p	30	12.3	In Cas OB4
King 21		Opn CL	CAS	9.8	-	2.5'	23 49.9	+62 43	15	III 3 m	20	10	
NGC 5715	OCL 929	Opn CL	CIR	9.8	-	6'	14 43.5	-57 35	431	II 2 m	30	11	
NGC 5053	GCL 23	Glob CL	COM	9.8	-	8.9'	13 16.5	+17 42	150	XI			H VI 7;Low surf brightness;1 deg sf M 53
Berk 68		Opn CL	PER	9.8	-	12'	04 44.5	+42 04	65	IV 2 p	60	13.7	
Cr 333		Opn CL	SCO	9.8	-	8'	17 31.3	-34 05	376	III 2 p	30		
Tr 31	Cr 357	Opn CL	SGR	9.8	-	8'	17 59.9	-28 11	377	III 1 p	25		
Ru 83		Opn CL	VEL	9.8	-	3.4'	09 49.3	-54 36	426	I 3 p	30	11.3	
NGC 4214	NGC 4228	Galaxy	CVN	9.8	14	8.4'	12 15.6	+36 20	107	Ir			H I 95
NGC 3184	UGC 5557	Galaxy	UMA	9.8	13.9	7.6'	10 18.3	+41 25	72	SBc			svBN;smooth lens w spiral pattern of dark markings
M 109	NGC 3992	Galaxy	UMA	9.8	13.6	7.5'	11 57.6	+53 22	47	SBbc			H IV 61;theta struc barred sp;Gamma UMa 40' NW
NGC 3923	ESO 440-17	Galaxy	HYA	9.8	13.2	6.6'	11 51.0	-28 48	368	Elliptical			H I 259
M 89	NGC 4552	Galaxy	VIR	9.8	13.2	5.3'	12 35.7	+12 33	194	EO			
NGC 1549	ESO 157-16	Galaxy	DOR	9.8	13	4.4'	04 15.8	-55 36	420	EO			P w NGC 1553
NGC 4494	UGC 7662	Galaxy	COM	9.8	12.9	4.5'	12 31.4	+25 46	148	Elliptical			H I 83
NGC 4490	UGC 7651	Galaxy	CVN	9.8	12.9	6.4'	12 30.6	+41 39	75	SBcd			H I 198;disrupted;P w NGC 4485 @ 3.5'
NGC 2683	UGC 4641	Galaxy	LYN	9.8	12.9	8.8'	08 52.7	+33 25	102	Sb			peanut-shaped bulge;many filam; arm w dk lanes 1 side
NGC 5005	UGC 8256	Galaxy	CVN	9.8	12.7	5.8'	13 10.9	+37 03	109	SBbc			H I 96;P w NGC 5033;eBN in B lens;sev knotty arms
Czernik 3	OCL 315	Opn CL	CAS	9.9	-	3'	01 03.1	+62 48	16	III 2 p :b	8		
Bochum 3		Opn CL	MON	9.9	-	4'	07 03.5	-05 00	228	IV 1 p	25	11.2	
Basel 10		Opn CL	PER	9.9	-	2'	02 19.5	+58 19	37	II 1 p	12	10.2	
Bochum 6		Opn CL	PUP	9.9	-	10'	07 31.8	-19 27	319	I 3 mn	40	10.6	
NGC 6522	GCL 82	Glob CL	SGR	9.9	-	5.6'	18 03.6	-30 02	377	VI			H I 49
NGC 2972	NGC 2999	Opn CL	VEL	9.9	-	4'	09 40.2	-50 19	426	I 1 p	25	11.4	
Pismis 5		Opn CL	VEL	9.9	-	2'	08 37.6	-39 34	397	III 2 p n	10	10.4	
UGC 10822	Draco Dwarf	Galaxy	DRA	9.9	17.2	33.5'	17 20.2	+57 55	52	dE3			Member of Local Group;dwarf elliptical
ESO 456-S	Djorgovski 2	Glob CL	SGR	9.9	14.9	9.9'	18 01.8	-27 50	378				Near B86 and NGC 6520
NGC 3109	ESO 499-36	Galaxy	HYA	9.9	14.4	19.7'	10 03.1	-26 10	324	Ir			
NGC 1232	ESO 547-14	Galaxy	ERI	9.9	13.9	7.1'	03 09.8	-20 35	311	Sc			H II 258;Excellent face-on spiral
NGC 3344	UGC 5840	Galaxy	LMI	9.9	13.9	7.1'	10 43.5	+24 55	145	SBbc Ri			H I 81
NGC 1532	ESO 359-27	Galaxy	ERI	9.9	13.8	11.6'	04 12.1	-32 52	356	SBb			NGC 1531 np 2';Nearly edge-on
NGC 1433	ESO 249-14	Galaxy	HOR	9.9	13.7	6.1'	03 42.0	-47 13	391	SBa			
NGC 2768	UGC 4821	Galaxy	UMA	9.9	13.7	8.2'	09 11.6	+60 02	44	E5			vsvB center; smooth neb in lens and external envelope
NGC 891	UGC 1831	Galaxy	AND	9.9	13.6	13.1'	02 22.6	+42 21	62	Sb			NGC 1023 group;Lord Rosse drawing shows dark lane
NGC 1808	ESO 305- 8	Galaxy	COL	9.9	13.3	6.3'	05 07.7	-37 31	358	SBa			F outer arms , close to ngc1792
M 99	NGC 4254	Galaxy	COM	9.9	13.2	5.3'	12 18.8	+14 25	193	Sc			SN 1967h;Norton-diff for small scope
NGC 3077	UGC 5398	Galaxy	UMA	9.9	13.1	5.2'	10 03.3	+68 44	23	Sd			m81 group;dust streamers tending to radial direction
NGC 4753	UGC 8009	Galaxy	VIR	9.9	12.9	5.1'	12 52.4	-01 12	239	SO			H I 16;SN 1965i
NGC 3585	ESO 502-25	Galaxy	HYA	9.9	12.6	5.2'	11 13.3	-26 45	326	Elliptical			H II 269
NGC 3384	NGC 3371	Galaxy	LEO	9.9	12.6	5.4'	10 48.3	+12 38	190	E7			Leo group;near M105 w NGC 3379 and NGC 3389
NGC 3607	UGC 6297	Galaxy	LEO	9.9	12.5	4.6'	11 16.9	+18 03	146	E-SO			H II 50;brightest in group;P w NGC 3608 at 6.2';PA10
NGC 1380	ESO 358-28	Galaxy	FOR	9.9	12.4	4.8'	03 36.5	-34 59	355	SBO			Fornax Galaxy Cluster member
M 102	NGC 5866	Galaxy	DRA	9.9	12.2	6.5'	15 06.5	+55 46	50	Sa			vBN w dk lane and ansae;NGC 5867 small E neb;
NGC 6221	ESO 138- 3	Galaxy	ARA	9.9	12.1	3.9'	16 52.8	-59 13	433	SBc			
NGC 1724	OCL 405	Opn CL	AUR	10	-		05 03.5	+49 30	65				
NGC 1798	OCL 410	Opn CL	AUR	10	-	5'	05 11.7	+47 42	65	I 1 m :b		13	
IC 405	LBN 795	Brn Neb	AUR	10	-	50'	05 16.5	+34 21	97	E			Flaming Star nebula ;variable AE Aur in center
King 12		Opn CL	CAS	10	-	2'	23 53.0	+61 58	15	I 2 p	15	10	27 stars from 10...16 mag
NGC 5284	ESO 133-?4	Opn CL	CEN	10	-	30'	13 47.4	-59 09	430				
NGC 7762	OCL 280	Opn CL	CEP	10	-	11'	23 49.8	+68 02	15	II 2 p	40	11	H VII 55
Tr 6	Cr 145	Opn CL	CMA	10	-	6'	07 26.4	-24 13	319	III 2 p		14	
NGC 6888	LBN 203	Brn Neb	CYG	10	-	20'	20 12.8	+38 19	119	E			Crescent Neb ;Wolf-Rayet * invl
NGC 6996		Opn CL	CYG	10	-	7'	20 56.5	+45 29	85	III 2 p n	40		
NGC 6997	OCL 197	Opn CL	CYG	10	-	7'	20 56.8	+44 39	85				Scattered Cl in west part of North America Neb
IC 5146	OCL 213	CL+Neb	CYG	10	-	20'	21 53.4	+47 16	86	IV 2 p n	20	9.6	Cocoon neb ;at end of dark streamer B168

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2304	OCL 484	Opn CL	GEM	10	-	5'	06 55.2	+17 59	138	II 1 p	30		H VI 2
NGC 2269	OCL 524	Opn CL	MON	10	-	4'	06 43.3	+04 37	228	II 2 p	12	11.6	H VI 3
NGC 2568	OCL 727	Opn CL	PUP	10	-	2.0'	08 18.3	-37 06	362				
Haffner 16		Opn CL	PUP	10	-	1.1'	07 50.3	-25 27	320	I 1 p	30	11.6	
NGC 6222	NGC 6216	Opn CL	SCO	10	-	4'	16 49.4	-44 44	407				
NGC 6583	OCL 27	Opn CL	SGR	10	-	2.8'	18 15.8	-22 08	339	II 1 m	35		H VII 31
NGC 2866	OCL 774	Opn CL	VEL	10	-	1.5'	09 22.1	-51 06	425				
Roslund 4		Opn CL	VUL	10	-	6'	20 04.9	+29 13	119	IV 2 p n	30	11.6	In nebula IC 4954-5
NGC 4559	UGC 7766	Galaxy	COM	10	14	11'	12 36.0	+27 58	149	SBc			H I 92;SN 1941a;multi arm spiral
NGC 5068	ESO 576-29	Galaxy	VIR	10	14	7.3'	13 18.9	-21 02	330	SBc			H II 312;Coarse spiral;NGC 5087 in field
NGC 4535	UGC 7727	Galaxy	VIR	10	13.7	6.9'	12 34.3	+08 12	194	SBc			H II 500;Ho 420b @ 5 ' ;S-shaped spiral
NGC 5247	ESO 577-14	Galaxy	VIR	10	13.4	5.4'	13 38.0	-17 53	331	SBbc			H II 297;Fine S-shaped double arm spiral
IC 1459	IC 5265	Galaxy	GRU	10	13.2	5.1'	22 57.2	-36 28	384	E3			
NGC 4976	ESO 219-29	Galaxy	CEN	10	13.1	5.1'	13 08.6	-49 30	402	Elliptical			
M 108	NGC 3556	Galaxy	UMA	10	13.1	8.6'	11 11.5	+55 40	46	SBc			H V 46;M 97 is 48' SE;nearly edge-on
NGC 5643	ESO 272-16	Galaxy	LUP	10	13	4.7'	14 32.7	-44 11	404	SBc			
NGC 5846	UGC 9706	Galaxy	VIR	10	13	4'	15 06.5	+01 36	243	E0			Brightest in group; NGC 5846A at 1';NGC 5850 near
NGC 4216	UGC 7284	Galaxy	VIR	10	12.8	7.8'	12 15.9	+13 09	193	SBb			H I 35;UGC 7284;edge on streak;two other in field
NGC 4429	UGC 7568	Galaxy	VIR	10	12.8	5.8'	12 27.4	+11 06	193	Sa			H II 65;oval w large outer ring
NGC 1404	ESO 358-46	Galaxy	FOR	10	12.5	3.9'	03 38.9	-35 36	355	E1			Fornax Galaxy Cluster member
NGC 6818	PK 25-17.1	Pln Neb	SGR	10	7	22"	19 44.0	-14 09	297	4		15	Little Gem Nebula;PK25-17.1
NGC 1931	OCL 441	CL+Neb	AUR	10.1	-	3'	05 31.4	+34 15	97	I 3 p n:b		11.5	H I 261;Contains triple ADS 4112
Cr 421		Opn CL	CYG	10.1	-	6'	20 23.3	+41 42	84	III 1 p n	22		
Cr 465		Opn CL	MON	10.1	-	9'	07 07.0	-10 32	273	IV 2 p			
Mel 72	Cr 467	Opn CL	MON	10.1	-	9'	07 38.5	-10 42	274	III 1 m	40	10	Rich w many faint *
NGC 6216	NGC 6222	Opn CL	SCO	10.1	-	4'	16 49.4	-44 44	407	II 2 p	40	12	
NGC 925	UGC 1913	Galaxy	TRI	10.1	14.4	10.9'	02 27.3	+33 35	93	SBcd			H III 177;NGC 1023 group;coarse spiral
M 98	NGC 4192	Galaxy	COM	10.1	13.6	9.4'	12 13.8	+14 54	193	SBb			6 Comae Berenices is 30' east
M 91	NGC 4548	Galaxy	COM	10.1	13.4	5.2'	12 35.4	+14 30	194	SBb			NGC 4571 @ 27 ' ;H II 120;F outer arms in S patrn
NGC 3953	UGC 6870	Galaxy	UMA	10.1	13.4	6.9'	11 53.8	+52 19	47	SBbc			H V 45;comps 3.9';PA190;0.3'X0.1';4.6';PA156;0.4'X0.4'
NGC 613	ESO 413-11	Galaxy	SCL	10.1	13.3	5.2'	01 34.3	-29 25	352	SBbc			H I 281
NGC 2655	UGC 4637	Galaxy	CAM	10.1	13.2	4.9'	08 55.6	+78 13	7	SBO-a			large nucleus w asym dk matter;faint outer whirls
NGC 936	UGC 1929	Galaxy	CET	10.1	13.2	4.3'	02 27.6	-01 09	220	SBO-a			H IV 23;Thick central bar;P w NGC 941 12' foll
NGC 4450	UGC 7594	Galaxy	COM	10.1	13.2	5.4'	12 28.5	+17 05	148	Sab			H II 56
NGC 2775	UGC 4820	Galaxy	CNC	10.1	12.9	4.5'	09 10.3	+07 02	187	Sab			N in B smooth lens;many knotty arms form dk lane
NGC 7217	UGC 11914	Galaxy	PEG	10.1	12.7	4'	22 07.9	+31 22	122	Sb			H II 207;vB diff Nuc .35'X0.27'many knotty arms
NGC 5363	UGC 8847	Galaxy	VIR	10.1	12.5	4.6'	13 56.1	+05 15	241	Sa			H I 6;P w NGC 5364 at 14.5' 2 B dif N in contact
NGC 7213	ESO 288-43	Galaxy	GRU	10.1	12.3	3.7'	22 09.3	-47 10	414	Sa			16' SE from Alpha Gru
NGC 4414	UGC 7539	Galaxy	COM	10.1	12.1	3.6'	12 26.5	+31 13	108	Sc			H I 77
M 76	NGC 650	Pln Neb	PER	10.1	10.4	163"	01 42.3	+51 35	37	3(6)		17.6	Little Dumbbell or Cork Nebula;PK130-10.1
NGC 651	M 76	Pln Neb	PER	10.1	10.4	163"	01 42.3	+51 35	37	3(6)		17.6	Little Dumbbell or Cork Nebula;faintest M obj
NGC 6253	OCL 972	Opn CL	ARA	10.2	-	4'	16 59.1	-52 43	433	I 3 m	30	13	
NGC 2126	OCL 418	Opn CL	AUR	10.2	-	6'	06 02.5	+49 52	67	II 1 p	40	13	H VIII 68;Scattered 20 * mags 11..14
Berk 65		Opn CL	CAS	10.2	-	5'	02 39.0	+60 24	38	I 2 p	20	10.8	
NGC 4228	NGC 4214	Galaxy	CVN	10.2	-	8.4'	12 15.6	+36 20	107	Ir			
NGC 5694	GCL 29	Glob CL	HYA	10.2	-	3.6'	14 39.6	-26 32	332	VII			H II 196;Rich w eF stars;distant globular
NGC 6325	GCL 58	Glob CL	OPH	10.2	-	1.6'	17 18.0	-23 46	337	IV			
NGC 2432	OCL 620	Opn CL	PUP	10.2	-	8'	07 40.9	-19 05	319	II 1 p	50		H VI 36
NGC 2455	OCL 636	Opn CL	PUP	10.2	-	8'	07 49.0	-21 18	320	III 2 p	50	12	
NGC 6453	GCL 79	Glob CL	SCO	10.2	-	3.5'	17 50.9	-34 36	377	IV			on edge on M7
Pismis 13		Opn CL	VEL	10.2	-	2'	09 22.1	-51 06	425	II 2 p	30	12.1	Included in NGC 2866
NGC 4395	UGC 7524	Galaxy	CVN	10.2	15.4	12.3'	12 25.8	+33 33	108	SB Ring			H V 29 , several NGC nebulae inside
UGC 5470	Leo I	Galaxy	LEO	10.2	14.8	10.7'	10 08.4	+12 18	189	dE3			dwarf elliptical in Local Group;0.3' N of Regulus
NGC 5033	UGC 8307	Galaxy	CVN	10.2	14.4	9.8'	13 13.5	+36 36	109	Sc			P w NGC 5005;svBN in B bulge w spir patt of dk lanes
NGC 5322	UGC 8745	Galaxy	UMA	10.2	13.6	6'	13 49.2	+60 11	49	E2			H I 256;B diff. N;smooth neb
NGC 4438	UGC 7574	Galaxy	VIR	10.2	13.6	8.5'	12 27.8	+13 00	193	Sa			Markarian's chain;NGC 4435 @ 4.4';long filaments
NGC 4051	UGC 7030	Galaxy	UMA	10.2	13.3	5.3'	12 03.2	+44 32	74	SBbc			H IV 56;thick spiral arms
NGC 3675	UGC 6439	Galaxy	UMA	10.2	13.2	6.2'	11 26.1	+43 35	73	Sb			H I 194;in field of 56 UMa
NGC 4278	UGC 7386	Galaxy	COM	10.2	13.1	4'	12 20.1	+29 17	108	Elliptical			Triple chain w NGC 4283 @ 3.6';NGC 4286 @ 8.8'
NGC 6503	UGC 11012	Galaxy	DRA	10.2	13.1	7'	17 49.5	+70 09	30	Sc			
NGC 908	ESO 545-11	Galaxy	CET	10.2	13	6.1'	02 23.1	-21 14	309	SBc			H I 153
NGC 2976	UGC 5221	Galaxy	UMA	10.2	13	6.2'	09 47.2	+67 55	23	Scp			B main body;chaotic inner w many dk lane;F outer disc
NGC 1792	ESO 305- 6	Galaxy	COL	10.2	12.9	5.6'	05 05.2	-37 59	358	SBbc			close to ngc 1808
NGC 720	MCG - 2- 5-	Galaxy	CET	10.2	12.8	4.4'	01 53.0	-13 44	264	E4			H I 105
NGC 4473	UGC 7631	Galaxy	COM	10.2	12.8	4.2'	12 29.8	+13 26	193	Elliptical			Markarian's chain

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 3887	MCG - 3-30-	Galaxy	CRT	10.6	12.8	3.5'	11 47.1	-16 51	282	SBbc			H I 120
NGC 7552	IC 5294	Galaxy	GRU	10.6	12.8	3.4'	23 16.2	-42 35	415	SBab			
NGC 4105	ESO 440-54	Galaxy	HYA	10.6	12.5	2.8'	12 06.7	-29 46	368	Elliptical			H II 865;Interacting P w NGC 4106
NGC 4039	ESO 572-48	Galaxy	CRV	10.6	12.1	3.3'	12 01.9	-18 53	328	SB			Antennae H II 282
NGC 4143	UGC 7142	Galaxy	CVN	10.6	11.8	2.9'	12 09.6	+42 32	74	SBO			H IV 54
IC 2165	PK 221-12.1	Pln Neb	CMA	10.6	6.5	9"	06 21.7	-12 59	272	3b		15.1	Nearly stellar
NGC 6005	OCL 945	Opn CL	NOR	10.7	-	3'	15 55.8	-57 26	432	I 2 p	35	11.8	
NGC 1605	OCL 406	Opn CL	PER	10.7	-	5'	04 34.9	+45 16	65	III 1 m	40	12.5	H VI 26
Pismis 1		Opn CL	PUP	10.7	-	4.6'	08 17.8	-37 05	362	I 3 p	30	12.8	
NGC 1371	NGC 1367	Galaxy	FOR	10.7	13.9	5.9'	03 35.0	-24 56	312	SBa			H II 262
NGC 5585	UGC 9179	Galaxy	UMA	10.7	13.9	5.8'	14 19.8	+56 44	49	SBcd			H I 235; M 101 group
NGC 2217	ESO 489-42	Galaxy	CMA	10.7	13.8	4.7'	06 21.7	-27 14	317	SBO-a F			
NGC 1302	ESO 481-20	Galaxy	FOR	10.7	13.5	4.1'	03 19.9	-26 04	311	SBO-a F			
NGC 1448	NGC 1457	Galaxy	HOR	10.7	13.3	7.5'	03 44.5	-44 39	391	Sc			Nearly edge-on
NGC 7049	ESO 236- 1	Galaxy	IND	10.7	13.3	4.5'	21 19.0	-48 34	413	SO			
NGC 3898	UGC 6787	Galaxy	UMA	10.7	13.2	3.8'	11 49.3	+56 05	47	Sab			H I 228;comp 5 ' ;PA60;0.7X0.12';NGC 3888 15' south
NGC 4589	UGC 7797	Galaxy	DRA	10.7	13	3.4'	12 37.4	+74 11	9	Elliptical			H I 273;P w NGC 4572 @ 7.5';NGC 4648 @ 22'
NGC 7090	ESO 188-12	Galaxy	IND	10.7	13	7.3'	21 36.5	-54 33	438	SBc			
NGC 1201	ESO 480-28	Galaxy	FOR	10.7	12.8	3.3'	03 04.1	-26 04	311	Sa			H I 109
NGC 1387	ESO 358-36	Galaxy	FOR	10.7	12.8	3.2'	03 37.0	-35 30	355	SO			Fornax Galaxy Cluster member
NGC 4036	UGC 7005	Galaxy	UMA	10.7	12.7	4'	12 01.5	+61 54	25	E6			H I 253;NGC 4041 @ 15';spindle shape
NGC 3962	MCG - 2-30-	Galaxy	CRT	10.7	12.6	3.4'	11 54.7	-13 59	282	Elliptical			H I 67
NGC 1533	ESO 157-3	Galaxy	DOR	10.7	12.6	2.5'	04 09.9	-56 07	420	SBO			
NGC 1084	MCG - 1- 8-	Galaxy	ERI	10.7	12.5	3.5'	02 46.0	-07 35	265	Sc			H I 64
NGC 3998	UGC 6946	Galaxy	UMA	10.7	12.5	2.7'	11 57.9	+55 27	47	SO			H I 229;comp 4.7';PA145;0.3'X0.3'
NGC 4666	UGC 7926	Galaxy	VIR	10.7	12.5	4.5'	12 45.1	-00 28	239	SBc			H I 15;NGC 4668 @ 7.3';NGC 4653 @ 20 ' ;edge on
NGC 4251	UGC 7338	Galaxy	COM	10.7	12.4	3.6'	12 18.1	+28 10	107	SBO Rin			H I 89;lens shape
NGC 4958	MCG - 1-33-	Galaxy	VIR	10.7	12.3	3.9'	13 05.8	-08 01	285	SBO			H I 130;Lenticular
NGC 821	UGC 1631	Galaxy	ARI	10.7	12.2	2.4'	02 08.4	+11 00	174	E2			H I 152;UGC 1631
NGC 4111	UGC 7103	Galaxy	CVN	10.7	12.2	4.6'	12 07.0	+43 04	74	Sa			H I 195;NGC 4109 @ 4.8';UGC 7103;Ho 333a
NGC 40	PK 120+9.1	Pln Neb	CEP	10.7	7.3	60"	00 13.0	+72 31	3	3b(3)		11.5	H IV 58;PK120+9.1;Lord Rosse saw spiral structure
IC 418	PK 215-24.1	Pln Neb	LEP	10.7	5.8	14"	05 27.5	-12 42	270	4		10.2	11 mag star in nebulous disk
VY CMA		Brit Neb	CMA	10.8	-	0.2'	07 23.0	-25 46	319	R		7.5	Discovered w/ 7"
NGC 2259	OCL 492	Opn CL	MON	10.8	-	4.5'	06 38.4	+10 53	182	II 2 p n	25	14	H VI 28
Ru 76		Opn CL	VEL	10.8	-	6'	09 24.3	-51 40	425	III 2 p	20	12.5	
IC 2574	UGC 5666	Galaxy	UMA	10.8	15.5	10.8'	10 28.4	+68 25	24	SAB			Coddington Galaxy
NGC 3718	UGC 6524	Galaxy	UMA	10.8	14.4	8.2'	11 32.6	+53 04	47	SBap			P w NGC 3729 at 11.5'ENE;cent dust lane sprl arms
NGC 4151	UGC 7166	Galaxy	CVN	10.8	14.2	6.8'	12 10.5	+39 24	74	SBab Ri			P w NGC 4145;NGC 4156 @ 5.2';Ho 345c @ 8.8'
NGC 1187	ESO 480-23	Galaxy	ERI	10.8	14	5.6'	03 02.6	-22 52	311	SBc			H III 245;Multi arm spiral
NGC 4242	UGC 7323	Galaxy	CVN	10.8	13.9	5.2'	12 17.5	+45 37	74	SBd			H III 725
NGC 5921	UGC 9824	Galaxy	SER	10.8	13.9	4.8'	15 21.9	+05 04	244	SBbc			H I 148;eBN in B bar
NGC 5474	UGC 9013	Galaxy	UMA	10.8	13.9	5'	14 05.0	+53 40	49	Sc			low surf. bright;smooth part res cent w vsFN;asym
NGC 2292	ESO 490-48	Galaxy	CMA	10.8	13.6	4'	06 47.7	-26 45	318	SBO			
NGC 7144	ESO 237-11	Galaxy	GRU	10.8	13.6	3.7'	21 52.7	-48 15	413	Elliptical			
NGC 5850	UGC 9715	Galaxy	VIR	10.8	13.6	4.5'	15 07.1	+01 33	243	SBab			H II 543;In NGC 5846 group;vBN w bar
NGC 4618	IC 3667	Galaxy	CVN	10.8	13.5	4.2'	12 41.6	+41 09	75	SB			H I 178;P w NGC 4625 @ 8.3'
NGC 2207	ESO 556- 8	Galaxy	CMA	10.8	13.4	4.2'	06 16.4	-21 22	317	SBbc Ri			Double galaxy or interacting pair
NGC 1637	MCG 0-12-	Galaxy	ERI	10.8	13.4	3.9'	04 41.5	-02 52	224	SBc			H I 122;Strong asym vF but rrr outer arms
NGC 3810	UGC 6644	Galaxy	LEO	10.8	13.4	4.1'	11 41.0	+11 28	192	Sc			H I 21
NGC 1964	ESO 554-10	Galaxy	LEP	10.8	13.4	5.5'	05 33.4	-21 57	315	SBb			H IV 21
NGC 7606	MCG - 2-59-	Galaxy	AQR	10.8	13.3	4.2'	23 19.1	-08 29	304	Sbc			H I 104
NGC 4651	UGC 7901	Galaxy	COM	10.8	13.2	4'	12 43.7	+16 24	194	Scp			H II 12
NGC 5044	MCG - 3-34-	Galaxy	VIR	10.8	13.2	2.6'	13 15.4	-16 23	285	E0			H II 511;NGC 5037 and two other F galaxies in field
NGC 2986	ESO 566- 5	Galaxy	HYA	10.8	13.1	3.5'	09 44.3	-21 17	323	E1			H II 311
NGC 4371	UGC 7493	Galaxy	VIR	10.8	13.1	4'	12 24.9	+11 42	193	SBO-a F			H I 22
NGC 4568	UGC 7776	Galaxy	VIR	10.8	13.1	4.6'	12 36.6	+11 14	194	Sbc			Siamese Twins ;;NGC 4567 @ 1.2';overlaps 4567;
NGC 3608	UGC 6299	Galaxy	LEO	10.8	13	3.5'	11 17.0	+18 09	146	Elliptical			H II 51;NGC 3607 group;comp 5.9';PA251;0.8'X0.3'
NGC 5018	ESO 576-10	Galaxy	VIR	10.8	13	3.4'	13 13.0	-19 31	330	Elliptical			H II 746
NGC 4936	ESO 443-47	Galaxy	CEN	10.8	12.8	3.2'	13 04.3	-30 32	370	Elliptical			
NGC 3310	UGC 5786	Galaxy	UMA	10.8	12.8	2.8'	10 38.8	+53 30	46	SBbc/P			H IV 60;UGC 5786
NGC 3610	UGC 6319	Galaxy	UMA	10.8	12.8	2.5'	11 18.4	+58 47	46	Elliptical			H I 270;comp 3.7';PA232;0.25'X0.25'
NGC 4026	UGC 6985	Galaxy	UMA	10.8	12.7	4.7'	11 59.4	+50 58	47	SO			H I 223;edge on lens shape
NGC 4643	UGC 7895	Galaxy	VIR	10.8	12.7	3.1'	12 43.3	+01 59	239	SBO-a			H I 10;Saturn-like central mass w projecting ansae
NGC 3245	UGC 5663	Galaxy	LMI	10.8	12.6	3.5'	10 27.3	+28 30	105	SO			H I 86
NGC 1514	PK 165-15.1	Pln Neb	TAU	10.8	12.6	120"	04 09.3	+30 47	95	3(2)		9.5	H IV 69;PK165-15.1

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
MCG -01-25		Galaxy	HYA	11	-	2'	09 38.9	-04 49	233				Mostly Edge On
NGC 6115	Ru 118	Opn CL	NOR	11	-	3'	16 24.4	-51 57	432	I 2 p	20	10.9	
PK 8+ 6.1	He2-260	Pln Neb	OPH	11	-	10"	17 38.9	-18 18	338			14.2	
IC 434	LBN 954	Brit Neb	ORI	11	-	90'	05 41.0	-02 27	226	E			Contains Horsehead neb (B33)
Haffner 20		Opn CL	PUP	11	-	1.8"	07 56.3	-30 22	362	II 3 p	20	13.1	
PK 3- 4.7	ESO 456-69	Pln Neb	SGR	11	-	12"	18 11.6	-28 22	377				13.2
NGC 2805	UGC 4936	Galaxy	UMA	11	14.6	6.3'	09 20.3	+64 06	23	SBcd Ri			slightly asym;many irreg res vF knotty arms;multi sys
IC 5148	PK 2-52.1	Pln Neb	GRU	11	14.4	120"	21 59.6	-39 23	413	4		16.2	Also IC 5149 and IC 5150;called IC 5150 in Hartung
NGC 1073	UGC 2210	Galaxy	CET	11	14.2	4.9'	02 43.7	+01 23	220	SBc			H III 455;NGC 1068 group
NGC 289	ESO 411-25	Galaxy	SCL	11	14	5.4'	00 52.7	-31 12	351	SBbc			
NGC 1042	MCG - 2- 7-	Galaxy	CET	11	13.9	4.9'	02 40.4	-08 26	265	SBc			Spiral arms well defined
NGC 4136	UGC 7134	Galaxy	COM	11	13.8	3.9'	12 09.3	+29 56	107	SBc Rin			H II 321
NGC 1961	IC 2133	Galaxy	CAM	11	13.7	4.5'	05 42.1	+69 23	20	SBbc			H III 747;hexagonal;2 branch arms w some knots
NGC 685	ESO 152-24	Galaxy	ERI	11	13.6	3.6'	01 47.7	-52 46	418	SBc			
NGC 3511	ESO 502-13	Galaxy	CRT	11	13.5	6'	11 03.4	-23 05	326	SBc			H V 39
NGC 988	MCG - 2- 7-	Galaxy	CET	11	13.4	4.6'	02 35.5	-09 21	265	SBc			
NGC 3223	IC 2571	Galaxy	ANT	11	13.3	4.1'	10 21.6	-34 16	366	Sb			
NGC 6340	UGC 10762	Galaxy	DRA	11	13.3	3'	17 10.4	+72 18	29	Sa			H II 767;Brightest of 3;IC 1254 at 7' PA 320;UGC 10762
NGC 3414	UGC 5959	Galaxy	LMI	11	13.3	3.6'	10 51.3	+27 58	145	SBO			H II 362;P w NGC 3418 at 8';UGC 5959
NGC 7314	ESO 533-53	Galaxy	PSA	11	13.3	4.6'	22 35.8	-26 03	347	SBbc			
NGC 4608	UGC 7842	Galaxy	VIR	11	13.2	3.3'	12 41.2	+10 09	194	SBO			H II 69;NGC 4596 @ 19'
NGC 5576	UGC 9183	Galaxy	VIR	11	13.2	3'	14 21.1	+03 16	242	E2			triple group w NGC 5574 at 2.9' and NGC 5577 at 10.3'
NGC 2566	ESO 495- 3	Galaxy	PUP	11	13.1	3.4'	08 18.8	-25 30	321	SBab			
NGC 5078	ESO 508-48	Galaxy	HYA	11	13	19.5'	13 19.8	-27 25	330	Sa			H II 566;Dust lane;Nearly edge-on
NGC 3877	UGC 6745	Galaxy	UMA	11	13	5.3'	11 46.1	+47 30	74	Sc			H I 201;edge on spiral;16' south from Chi UMA
NGC 5448	UGC 8969	Galaxy	UMA	11	13	3.8'	14 02.8	+49 10	77	SBa			H II 691;vBN w F bar
NGC 4388	UGC 7520	Galaxy	VIR	11	13	5.6'	12 25.8	+12 40	193	Sb			H II 168;edge on lens shape;16' SE from M 84
NGC 1569	UGC 3056	Galaxy	CAM	11	12.9	3.7'	04 30.8	+64 51	19	Irp			H II 768;dk markings;well rrr; trace of spiral structure
NGC 1317	NGC 1318	Galaxy	FOR	11	12.9	2.8'	07 32.7	-37 06	355	SBa			Fornax Galaxy Cluster member
NGC 2300	UGC 3798	Galaxy	CEP	11	12.8	3.5'	03 22.3	+85 43	1	E1			Pair with NGC 2276 at 6' and IC 1455 at 10'; vsBN
NGC 4710	UGC 7980	Galaxy	COM	11	12.8	4.9'	12 49.6	+15 10	194	Sa			H II 95;equatorial dust lane
NGC 2196	ESO 556- 4	Galaxy	LEP	11	12.8	2.8'	06 12.2	-21 48	317	Sa			H II 265
NGC 3504	UGC 6118	Galaxy	LMI	11	12.8	2.7'	11 03.2	+27 58	146	SBab Ri			P w NGC 3512 at 12';PA72;comp 4';PA55;0.4'X0.1'
NGC 1161	UGC 2474	Galaxy	PER	11	12.8	2.8'	03 01.2	+44 54	63	SO			H II 239;P w NGC1160 at 3.5';PA357
NGC 4772	UGC 8021	Galaxy	VIR	11	12.8	3.1'	12 53.5	+02 10	239	Sa			H II 24
NGC 5557	UGC 9161	Galaxy	BOO	11	12.6	2.4'	14 18.4	+36 30	110	E1			H I 99;BN;no struct
NGC 3626	NGC 3632	Galaxy	LEO	11	12.6	3.2'	11 20.1	+18 21	146	Sa			Indense part of clust;nearest comp 2' PA73 .5'X0.4'
NGC 4350	UGC 7473	Galaxy	COM	11	12.5	2.9'	12 24.0	+16 42	193	SO			H II 86;NGC 4340 @ 5.6';lenticular
NGC 1400	ESO 548-62	Galaxy	ERI	11	12.5	2.5'	03 39.5	-18 41	312	E1			H II 593;P w NGC 1407 nf
NGC 3982	UGC 6918	Galaxy	UMA	11	12.5	2.3'	11 56.5	+55 07	47	SBb			H IV 62
NGC 4179	UGC 7214	Galaxy	VIR	11	12.5	4.2'	12 12.9	+01 18	238	SO			H I 9;edge on spindle shape
NGC 7048	PK 88-1.1	Pln Neb	CYG	11	12.2	60"	21 14.3	+46 17	86	3b		18	
M 97	NGC 3587	Pln Neb	UMA	11	12.1	202"	11 14.8	+55 01	46	3a		14	Owl Nebula ;PK148+57.1
NGC 5353	UGC 8813	Galaxy	CVN	11	11.8	2.8'	13 53.4	+40 17	76	SO			P w NGC 5354 at 1.3' n;vsBN;lens: diamond shaped
NGC 2438	PK 231+4.2	Pln Neb	PUP	11	11.7	65"	07 41.8	-14 44	274	4(2)		17.5	H IV 39;PK231+4.2 , inside M46
NGC 6369	PK 2+5.1;H	Pln Neb	OPH	11	10.5	30"	17 29.3	-23 46	338	4(2)		15.1	Little Ghost Nebula
IC 4406	PK 319+15.1	Pln Neb	LUP	11	9.1	46"	14 22.4	-44 09	404	4(3)		17.4	Annular;N2-- Stellar ?;pB diffused disk 20"--Hartung
IC 4593	PK 25+40.1	Pln Neb	HER	11	7.4	12.5"	16 11.7	+12 04	200	2(2)		11.1	Central star is variable mags 10.2 to 11.1
NGC 6879	PK 57-8.1	Pln Neb	SGE	11	7.3	4.7"	20 10.4	+16 55	208	2a		15	
PK 254+ 5.1	M3- 6	Pln Neb	PYX	11	6.5	19.0"	08 40.7	-32 23	363	2a		13.9	
NGC 6803	PK 46-4.1	Pln Neb	AQL	11	6.4	4"	19 31.3	+10 03	207	2a		14	
Cr 466		Opn CL	MON	11.1	-	4'	07 07.0	-10 43	273	III 2 p n	25	11	Difficult to locate;nebulous haze w 7' * < 11 mag
Berk 21		Opn CL	ORI	11.1	-	3.5'	05 51.7	+21 49	136	II 3 m	40	14.8	
NGC 6603		Opn CL	SGR	11.1	-	5'	18 18.4	-18 24	339	I 1 r n	100	14	Within star cloud Messier 24
NGC 1744	ESO 486- 5	Galaxy	LEP	11.1	14.9	9.3'	05 00.0	-26 01	314	SBcd			
UGC 4305	Holmberg II	Galaxy	UMA	11.1	14.8	7.6'	08 19.2	+70 43	22	Ir+			dwarf irregular
NGC 2366	UGC 3851	Galaxy	CAM	11.1	14.6	7.8'	07 28.9	+69 13	21	Ir			H III 748;P w NGC 2363
IC 239	UGC 2080	Galaxy	AND	11.1	14.2	4.6'	02 36.5	+38 58	93	SBa			In NGC 1023 group;vsBN in smooth bar;low surface br
NGC 3338	UGC 5826	Galaxy	LEO	11.1	14.2	5.7'	10 42.1	+13 45	190	Sc			H II 77;Leo group
NGC 3319	UGC 5789	Galaxy	UMA	11.1	14.2	6.1'	10 39.2	+41 41	72	SBc			flattened central region along NE-SW coarse spiral
NGC 4930	ESO 323-74	Galaxy	CEN	11.1	14	4.4'	13 04.1	-41 25	402	SBbc Ri			
NGC 5985	UGC 9969	Galaxy	DRA	11.1	14	5.4'	15 39.6	+59 20	51	SBb Rin			H II 766;Brightest of 3
NGC 3423	UGC 5962	Galaxy	SEX	11.1	13.7	3.9'	10 51.2	+05 50	190	Sc			H IV 6= II 131;fine face on spiral
NGC 6015	UGC 10075	Galaxy	DRA	11.1	13.6	5.4'	15 51.4	+62 18	28	Sc			H III 739;Was descr= vF;pL;R;vgbM until update 2;5;89
NGC 625	ESO 297- 5	Galaxy	PHE	11.1	13.6	6.4'	01 35.1	-41 26	388	Sa/S			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 7496	ESO 291- 1	Galaxy	GRU	11.1	13.5	3.3'	23 09.8	-43 26	415	SBb			
NGC 741	IC 1741	Galaxy	PSC	11.1	13.5	3'	01 56.3	+05 38	174	E1			H II 271;Brightest in group;UGC 1413
NGC 3705	UGC 6498	Galaxy	LEO	11.1	13.4	4.6'	11 30.1	+09 17	192	SBab			H II 13
NGC 3646	UGC 6376	Galaxy	LEO	11.1	13.3	3.9'	11 21.7	+20 10	146	Sc			H III 15;P w NGC 3649
NGC 5170	MCG - 3-34	Galaxy	VIR	11.1	13.3	8.2'	13 29.8	-17 58	330	Sc			H V 22;Edge on spiral w some dark lanes
NGC 4027	ESO 572-37	Galaxy	CRV	11.1	13.2	3.3'	11 59.5	-19 16	327	SBd			H II 296
NGC 5530	ESO 272- 3	Galaxy	LUP	11.1	13.2	4.2'	14 18.5	-43 23	404	SBbc			
NGC 7377	ESO 534-26	Galaxy	AQR	11.1	13.1	4.1'	22 47.8	-22 19	348	SBO-a			H II 598
NGC 6643	UGC 11218	Galaxy	DRA	11.1	13.1	3.7'	18 19.8	+74 34	12	Sc			multi arm spiral
NGC 7145	ESO 237-13	Galaxy	GRU	11.1	13.1	2.5'	21 53.3	-47 53	413	Elliptical			
NGC 3190	UGC 5559	Galaxy	LEO	11.1	13.1	4'	10 18.1	+21 50	144	Sa			H II 44;bright in grp;disturbed edge-on spiral;P w 3187
NGC 7626	UGC 12531	Galaxy	PEG	11.1	13.1	3'	23 20.7	+08 13	214	E2			H II 440;P w NGC 7619;Br members of small group
NGC 4062	UGC 7045	Galaxy	UMA	11.1	13.1	4'	12 04.1	+31 54	107	SBc			H I 174
NGC 3250	ESO 317-26	Galaxy	ANT	11.1	13	2.7'	10 26.5	-39 57	399	Elliptical			
NGC 5266	ESO 220-33	Galaxy	CEN	11.1	13	3.3'	13 43.0	-48 10	403	E-SO			
NGC 3091	ESO 566-41	Galaxy	HYA	11.1	13	3'	10 00.2	-19 38	324	E2			H II 293;Brightest memb of small group
NGC 4818	MCG - 1-33	Galaxy	VIR	11.1	13	3.4'	12 56.8	-08 32	284	SBab			H II 549
NGC 4941	MCG - 1-33	Galaxy	VIR	11.1	13	3.5'	13 04.2	-05 33	285	SBab			H I 40
NGC 5982	UGC 9961	Galaxy	DRA	11.1	12.9	3'	15 38.7	+59 21	51	E3p			H II 764;vBN;NGC 5985 at 6.2';PA290
NGC 1374	ESO 358-23	Galaxy	FOR	11.1	12.9	2.7'	03 35.3	-35 14	355	E0			Fornax Galaxy Cluster member
NGC 3078	ESO 499-27	Galaxy	HYA	11.1	12.9	2.7'	09 58.4	-26 56	324	E3			H II 268
NGC 7619	UGC 12523	Galaxy	PEG	11.1	12.9	2.8'	23 20.2	+08 12	214	Elliptical			H II 439;UGC 12523
NGC 4503	UGC 7680	Galaxy	VIR	11.1	12.9	3.5'	12 32.1	+11 11	194	SBO			H II 66
NGC 4564	UGC 7773	Galaxy	VIR	11.1	12.9	3.2'	12 36.4	+11 26	194	E6			H II 68;11' N from NGC 4567-8
NGC 4691	MCG 0-33-	Galaxy	VIR	11.1	12.9	2.7'	12 48.2	-03 20	239	SBO-a			H II 182
NGC 3100	NGC 3103	Galaxy	ANT	11.1	12.8	3.2'	10 00.7	-31 40	365	SBO			
NGC 4448	UGC 7591	Galaxy	COM	11.1	12.8	3.6'	12 28.3	+28 37	108	SBab Ri			H I 91
NGC 6753	ESO 184-22	Galaxy	PAV	11.1	12.8	2.4'	19 11.4	-57 03	435	Sb			
NGC 6861	IC 4949	Galaxy	TEL	11.1	12.8	3'	20 07.3	-48 22	411	E-SO Ba			
IC 4889	IC 4891	Galaxy	TEL	11.1	12.8	2.7'	19 45.3	-54 21	436	E5			
NGC 4781	MCG - 2-33-	Galaxy	VIR	11.1	12.8	3.4'	12 54.4	-10 32	284	SBcd			H I 134;Coarse spiral
NGC 3348	UGC 5875	Galaxy	UMA	11.1	12.7	2'	10 47.2	+72 50	8	Elliptical			H I 80;comp 2.6';PA115;0.6'X0.4';UGC 5875
NGC 3583	UGC 6263	Galaxy	UMA	11.1	12.7	2.5'	11 14.2	+48 19	73	SBb			H II 728;P w NGC 3577
NGC 4346	UGC 7463	Galaxy	CVN	11.1	12.6	3.2'	12 23.5	+47 00	74	SBO			H I 210
NGC 7332	UGC 12115	Galaxy	PEG	11.1	12.6	3.8'	22 37.4	+23 48	167	SO			H II 233;UGC 12115;vB cent. bulge .7'X0.4';lenticular
NGC 3949	UGC 6869	Galaxy	UMA	11.1	12.6	2.9'	11 53.7	+47 52	74	Sbc			H I 202;comp 4.4';PA273;0.3'X0.1'
NGC 4417	NGC 4437	Galaxy	VIR	11.1	12.6	3.3'	12 26.8	+09 35	193	SBO			comp @ 2.8';H II 155;edge on lens shape
NGC 4775	MCG - 1-33-	Galaxy	VIR	11.1	12.5	2.2'	12 53.8	-06 37	284	Scd			H II 186;Compact face on spiral
NGC 4995	MCG - 1-34-	Galaxy	VIR	11.1	12.5	2.4'	13 09.7	-07 50	285	SBb			H I 42;Dense spiral
NGC 7492	GCL 125	Glob CL	AQR	11.2	-	4.3'	23 08.4	-15 37	303	XII			H III 558
King 8		Opn CL	AUR	11.2	-	8'	05 49.3	+33 38	98	I 3 m	30	13.5	
Tr 23	Cr 295	Opn CL	NOR	11.2	-	5'	16 00.8	-53 31	432	II 2 p	40		
NGC 2635	OCL 728	Opn CL	PYX	11.2	-	3'	08 38.4	-34 46	363	I 3 p	15	12.4	
NGC 4437	NGC 4517	Galaxy	VIR	11.2	-	10.2'	12 32.8	+00 07	239	Sc			NGC Copying error , see 4517
NGC 4486A	UGC 7658	Galaxy	VIR	11.2	-	0.8'	12 31.0	+12 16	193	Elliptical			NGC 4486 @ 7.5'
NGC 4624	NGC 4664	Galaxy	VIR	11.2	-	3.5'	12 45.1	+03 03	239	SBO-a			see 4665
NGC 4664	NGC 4624	Galaxy	VIR	11.2	-	3.5'	12 45.1	+03 03	239	SBO-a			H II 39 , see 4665
NGC 5317	NGC 5364	Galaxy	VIR	11.2	-	6.1'	13 56.2	+05 01	241	SBc/P			see 5364
MCG +02-32		Galaxy	VIR	11.2	-		12 30.9	+12 16	193				Face On
NGC 660	UGC 1201	Galaxy	PSC	11.2	14.6	8'	01 43.0	+13 39	173	SBap			H II 253;UGC 1201
NGC 3642	UGC 6385	Galaxy	UMA	11.2	14.5	5.5'	11 22.3	+59 04	46	Sbc			H I 245
NGC 2293	ESO 490-49	Galaxy	CMA	11.2	13.9	4'	06 47.7	-26 45	318	SBO-a			
NGC 5161	ESO 383- 4	Galaxy	CEN	11.2	13.8	5.6'	13 29.2	-33 11	370	Sc			
NGC 5483	ESO 271-19	Galaxy	CEN	11.2	13.8	3.9'	14 10.4	-43 20	404	SBc			
NGC 2090	ESO 363-23	Galaxy	COL	11.2	13.7	5'	05 47.0	-34 15	359	Sc			
NGC 4504	MCG - 1-32-	Galaxy	VIR	11.2	13.7	4.3'	12 32.3	-07 34	284	SBc			H II 771
NGC 7457	UGC 12306	Galaxy	PEG	11.2	13.6	4'	23 01.0	+30 09	124	E-SO			H II 212
NGC 3261	ESO 263-40	Galaxy	VEL	11.2	13.6	3.5'	10 29.0	-44 39	399	SBbc			
NGC 4340	UGC 7467	Galaxy	COM	11.2	13.5	3.1'	12 23.6	+16 43	193	SBO-a F			H II 85;Theta struct;NGC 4350 @ 5.7';comp @ 2.3'
NGC 507	UGC 938	Galaxy	PSC	11.2	13.5	4'	01 23.7	+33 15	91	E-SO			H III 159;UGC 938
NGC 4100	UGC 7095	Galaxy	UMA	11.2	13.5	5.4'	12 06.1	+49 35	74	Sbc			H III 717;nearly edge on spiral
NGC 6814	MCG - 2-50-	Galaxy	AQL	11.2	13.4	3.5'	19 42.7	-10 20	297	SBbc Ri			H III 744
NGC 2715	UGC 4759	Galaxy	CAM	11.2	13.4	4.8'	09 08.1	+78 05	7	SBc			several filamentary knotty arms;sharp outline
NGC 6907	ESO 528- 3	Galaxy	CAP	11.2	13.4	3.4'	20 25.1	-24 49	343	SBbc			H III 141;S shaped spiral
NGC 1058	UGC 2193	Galaxy	PER	11.2	13.4	3.2'	02 43.5	+37 20	93	Sc			NGC1023 grp;patchy main body;mult arm pattern

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 3347	ESO 376-13	Galaxy	ANT	11.3	13.3	3.4'	10 42.8	-36 21	366	SBb			
NGC 5350	UGC 8810	Galaxy	CVN	11.3	13.3	3.2'	13 53.4	+40 22	76	SBbc			H II 713;NGC 5353 at 5';vs;vBN in B bar;2 knotty arms
NGC 5962	UGC 9926	Galaxy	SER	11.3	13.2	3'	15 36.5	+16 36	199	Sc			H II 96;svBN w B arcs;knotty B;many filam
NGC 4041	UGC 7014	Galaxy	UMA	11.3	13.2	2.7'	12 02.2	+62 08	25	Sbc			H I 252
NGC 4647	UGC 7896	Galaxy	VIR	11.3	13.2	2.9'	12 43.5	+11 35	194	Sbc Ring			H III 144;NGC 4649 @ 2.5'
NGC 3706	ESO 378- 6	Galaxy	CEN	11.3	13.1	3.1'	11 29.7	-36 24	367	E-SO			
NGC 4298	UGC 7412	Galaxy	COM	11.3	13.1	3.2'	12 21.5	+14 36	193	Sc			H II 111
NGC 7013	UGC 11670	Galaxy	CYG	11.3	13.1	4.5'	21 03.6	+29 54	121	Sa			H II 203
NGC 6703	UGC 11356	Galaxy	LYR	11.3	13.1	2.7'	18 47.3	+45 33	82	SO			
NGC 4567	UGC 7777	Galaxy	VIR	11.3	13.1	3.1'	12 36.5	+11 15	194	Sbc			Siamese Twins H IV 8;NGC 4568 @ 1.2
NGC 4984	MCG - 2-34-	Galaxy	VIR	11.3	13.1	3'	13 09.0	-15 31	285	SBO-a			H II 301
NGC 5678	UGC 9358	Galaxy	DRA	11.3	13	3.3'	14 32.1	+57 55	50	SBb			H I 237;complex patt of dark lanes smooth outer arms;
NGC 6925	ESO 463- 4	Galaxy	MIC	11.3	13	4.4'	20 34.3	-31 59	381	Sbc			
NGC 4981	MCG - 1-34-	Galaxy	VIR	11.3	13	2.8'	13 08.8	-06 47	285	SBbc Ring			H II 189
NGC 1022	MCG - 1- 7-	Galaxy	CET	11.3	12.9	2.6'	02 38.5	-06 41	265	SBa			H I 102
NGC 4138	UGC 7139	Galaxy	CVN	11.3	12.8	2.9'	12 09.5	+43 41	74	Sa			H I 196
NGC 4460	UGC 7611	Galaxy	CVN	11.3	12.8	4.2'	12 28.8	+44 52	75	SBO-a			H I 212
NGC 2964	UGC 5183	Galaxy	LEO	11.3	12.8	3'	09 42.9	+31 51	104	SBbc Ring			H I 114;vfaint bar;2 mn. knotty arms; Mrk 404 in disc
NGC 1832	MCG - 3-14-	Galaxy	LEP	11.3	12.8	2.3'	05 12.1	-15 41	270	SBbc Ring			H II 292
NGC 4281	UGC 7389	Galaxy	VIR	11.3	12.8	3'	12 20.4	+05 23	238	Sa			H II 573
NGC 4742	MCG - 2-33-	Galaxy	VIR	11.3	12.8	2.3'	12 51.8	-10 27	284	E3			H I 133;Group w NGC 4760 & 4781
NGC 5134	ESO 576-52	Galaxy	VIR	11.3	12.8	2.9'	13 25.3	-21 08	330	SBB Ring			H II 314;Oval w hazy arm pattern
MCG -01-24		Galaxy	HYA	11.3	12.7	4.3'	09 10.8	-08 54	277				Mostly Edge On
NGC 1411	IC 1943	Galaxy	HOR	11.3	12.6	2.2'	03 38.7	-44 06	391	SO			
NGC 3366	IC 2592	Galaxy	VEL	11.3	12.1	2.2'	10 35.1	-43 42	399	SBb			
NGC 2811	MCG - 3-24-	Galaxy	HYA	11.3	12	2.2'	09 16.2	-16 19	277	SBa			H II 502
NGC 7176	ESO 466-41	Galaxy	PSA	11.3	11.1	2.1'	22 02.1	-31 59	383	Elliptical			
IC 4997	PK 58-10.1	Pln Neb	SGE	11.3	2.9	2"	20 20.1	+16 44	208	1		13.7	Small;bright PLNNB--Hartung
Berk 19		Opn CL	AUR	11.4	-	7'	05 24.1	+29 34	97	IV 2 p	40	14.7	
NGC 6857	Sh2-100	Brt Neb	CYG	11.4	-	0.8'	20 02.8	+33 31	119	E		14.3	oval; not planetary; Sharpless 2-100 is brightcore
NGC 1340	NGC 1344	Galaxy	FOR	11.4	-	6.1'	03 28.3	-31 04	355	Elliptical			
NGC 1457	NGC 1448	Galaxy	HOR	11.4	-	7.5'	03 44.5	-44 39	391	Sc			
Lynga 4		Opn CL	NOR	11.4	-	3'	15 33.3	-55 13	432	IV 2 p	30	12.5	
NGC 1560	IC 2062	Galaxy	CAM	11.4	14.3	9.8'	04 32.8	+71 53	19	Scd			BM;no def N;F part resolved arms;low surf brtness
NGC 4123	UGC 7116	Galaxy	VIR	11.4	14.1	4.3'	12 08.2	+02 53	238	SBb			H V 4;NGC 4116 @ 14 '
NGC 3313	ESO 501-50	Galaxy	HYA	11.4	14	3.9'	10 37.4	-25 19	325	SBab Ring			
NGC 4496A	NGC 4496	Galaxy	VIR	11.4	14	3.9'	12 31.7	+03 56	238	SBc			H II 36
NGC 1530	IC 381	Galaxy	CAM	11.4	13.9	4.4'	04 23.4	+75 18	5	SBb			compact core;surroundg spiral patt;broad bar;filam
NGC 3268	ESO 375-45	Galaxy	ANT	11.4	13.8	4'	10 30.0	-35 20	366	Elliptical			
NGC 533	UGC 992	Galaxy	CET	11.4	13.8	3.9'	01 25.5	+01 46	218	E2			H II 462;many S galaxies near;10 w in 5 ';UGC 992
NGC 7412	ESO 290-24	Galaxy	GRU	11.4	13.8	3.8'	22 55.8	-42 39	415	SBb			
NGC 2935	ESO 565-23	Galaxy	HYA	11.4	13.8	3.7'	09 36.7	-21 08	323	SBab			H II 556
NGC 3226	UGC 5617	Galaxy	LEO	11.4	13.8	2.5'	10 23.4	+19 54	144	Elliptical			H II 28;P w NGC 3227 at 2.3' sf;UGC 5617
NGC 1003	UGC 2137	Galaxy	PER	11.4	13.8	5.7'	02 39.3	+40 52	62	Sc			main body 4x1.4' patchy;ill-def'd arms SBc UGC2137
NGC 5300	UGC 8727	Galaxy	VIR	11.4	13.8	3.8'	13 48.3	+03 57	241	SBB Ring			H II 533;face on spiral
NGC 691	UGC 1305	Galaxy	ARI	11.4	13.7	3.4'	01 50.7	+21 46	128	Sbc			H II 617;NGC 697 group;rare;smoother than usual Sc
NGC 4178	IC 3042;UGC	Galaxy	VIR	11.4	13.7	5'	12 12.8	+10 52	193	SBcd			SN 1963;nearly edge on
NGC 5383	UGC 8875	Galaxy	CVN	11.4	13.6	2.6'	13 57.1	+41 51	76	SBb			eBN w complex str;weak bar & lens w dk lanes;2 arms
NGC 520	UGC 966	Galaxy	PSC	11.4	13.6	3.7'	01 24.6	+03 48	218	Sa			H III 253;Strongly Peculiar;M82 type galaxy;UGC 966
NGC 4157	UGC 7183	Galaxy	UMA	11.4	13.6	6.7'	12 11.1	+50 29	47	SBb			H I 208;SN 1937a;1955a;edge on narrow streak
NGC 2276	UGC 3740	Galaxy	CEP	11.4	13.5	2.8'	07 27.2	+85 45	1	SBB Ring			weak bar;many knotty filam arms;P w NGC 2300
NGC 4064	UGC 7054	Galaxy	COM	11.4	13.5	4.6'	12 04.2	+18 27	148	SBa			
NGC 3672	MCG - 2-29-	Galaxy	CRT	11.4	13.5	4'	11 25.0	-09 48	281	Sc			H I 131;Multi arm spiral
NGC 4880	UGC 8109	Galaxy	VIR	11.4	13.5	3.1'	13 00.2	+12 29	194	SBO-a			H III 83;Ho 497b @ 1.7' is a *
NGC 5584	UGC 9201	Galaxy	VIR	11.4	13.5	3.4'	14 22.4	-00 23	242	SBB			sh. B bar in lens;sev. part. res. branch filam arms
NGC 2325	ESO 427-28	Galaxy	CMA	11.4	13.4	3.5'	07 02.7	-28 42	361	E4			
NGC 150	A 7	Galaxy	SCL	11.4	13.4	3.9'	00 34.3	-27 48	306	SBb			
NGC 4073	UGC 7060	Galaxy	VIR	11.4	13.4	3.2'	12 04.5	+01 54	238	E1			comp superimposed;field of 6 small galaxy 5' south
NGC 3358	ESO 376-17	Galaxy	ANT	11.4	13.3	3.2'	10 43.6	-36 25	366	SBO-a			
NGC 4245	UGC 7328	Galaxy	COM	11.4	13.3	3.3'	12 17.6	+29 36	107	SBO-a F			H I 74
NGC 1439	ESO 549- 9	Galaxy	ERI	11.4	13.3	2.4'	03 44.8	-21 55	312	E1			H III 249
NGC 3684	UGC 6453	Galaxy	LEO	11.4	13.3	3.4'	11 27.2	+17 02	146	Sbc			NGC 3686 at 14';PA 33
NGC 7513	ESO 469-22	Galaxy	SCL	11.4	13.3	3.2'	23 13.2	-28 22	385	SBb/P			
NGC 4531	UGC 7729	Galaxy	VIR	11.4	13.3	3.1'	12 34.3	+13 05	194	SBO-a			H II 175
NGC 5427	MCG - 1-36-	Galaxy	VIR	11.4	13.3	2.9'	14 03.4	-06 02	286	SBB			H II 310;Face on spiral;P w NGC 5426 @ 2.8' south

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4578	UGC 7793	Galaxy	VIR	11.5	13.7	3.1'	12 37.5	+09 33	194	SO			H II 15;Ho 429b @ 3.5'
NGC 3258	ESO 375-37	Galaxy	ANT	11.5	13.6	3.3'	10 28.9	-35 36	366	Elliptical			
NGC 1325	ESO 548- 7	Galaxy	ERI	11.5	13.6	4.8'	03 24.4	-21 33	311	SBbc			H IV 77
NGC 7743	UGC 12759	Galaxy	PEG	11.5	13.6	2.8'	23 44.4	+09 56	170	SBO-a			H II 256;P w NGC 7742
NGC 3256	ESO 263-38	Galaxy	VEL	11.5	13.6	4.5'	10 27.9	-43 54	399	Sb			
NGC 450	UGC 806	Galaxy	CET	11.5	13.5	3'	01 15.5	-00 52	217	SBc			H III 440;UGC 807 Superimposed
NGC 1079	ESO 416-13	Galaxy	FOR	11.5	13.5	3.4'	02 43.7	-29 00	354	SBO-a F			
NGC 3780	UGC 6615	Galaxy	UMA	11.5	13.5	3'	11 39.4	+56 16	47	Sc			H I 227;P w NGC 3804 at 13.2';PA108
NGC 2268	UGC 3653	Galaxy	CAM	11.5	13.4	3.3'	07 14.3	+84 23	7	SBbc			weak bar;many filamentary arms;poor res
NGC 5026	ESO 269-73	Galaxy	CEN	11.5	13.4	3.3'	13 14.2	-42 58	403	SBa			
NGC 636	MCG - 1- 5-	Galaxy	CET	11.5	13.4	2.8'	01 39.1	-07 31	263	E1			H II 283
NGC 3513	ESO 502-14	Galaxy	CRT	11.5	13.4	2.9'	11 03.8	-23 15	326	SBb			H V 40;S shaped spiral
NGC 3892	MCG - 2-30-	Galaxy	CRT	11.5	13.4	3.1'	11 48.0	-10 58	282	SBO-a			H II 553
NGC 3619	UGC 6330	Galaxy	UMA	11.5	13.4	3.5'	11 19.4	+57 45	46	Sa			H I 244;P w NGC 3613 @ 15'
NGC 4889	NGC 4884	Galaxy	COM	11.5	13.3	2.8'	13 00.1	+27 59	149	Elliptical			B in Coma cluster;NGC 4872 @ 0.8' sp; 4886 @ 1.1' ng
NGC 7599	IC 5308	Galaxy	GRU	11.5	13.3	4.4'	23 19.3	-42 16	415	SBc			near 7582
NGC 5970	UGC 9943	Galaxy	SER	11.5	13.3	3'	15 38.5	+12 11	199	SBc			H II 76;vsBN in vB bar
NGC 1679	ESO 422- 1	Galaxy	CAE	11.5	13.2	2.7'	04 49.9	-31 58	357	SBp			
NGC 1357	MCG - 2-10-	Galaxy	ERI	11.5	13.2	3.1'	03 33.3	-13 40	267	Sab Ring			H II 290
NGC 1453	MCG - 1-10-	Galaxy	ERI	11.5	13.2	2.3'	03 46.5	-03 58	222	E2			H I 155
NGC 3367	UGC 5880	Galaxy	LEO	11.5	13.2	2.5'	10 46.6	+13 45	190	SBc			H II 78
NGC 7689	ESO 192- 7	Galaxy	PHE	11.5	13.2	2.8'	23 33.3	-54 06	416	SBc			
NGC 4639	UGC 7884	Galaxy	VIR	11.5	13.2	2.9'	12 42.9	+13 15	194	SBbc Ring			H II 125;comp 2.9';NGC 4654 @ 17.5'
NGC 7196	ESO 237-36	Galaxy	IND	11.5	13.1	2.5'	22 05.9	-50 07	438	Elliptical			
NGC 5878	MCG - 2-39-	Galaxy	LIB	11.5	13.1	3.2'	15 13.8	-14 16	289	Sb			H III 736
NGC 1309	MCG - 3- 9-	Galaxy	ERI	11.5	13	2.3'	03 22.1	-15 24	266	Sbc			H I 106
NGC 3976	UGC 6906	Galaxy	VIR	11.5	13	3.4'	11 56.0	+06 45	192	SBb			H II 132;P w F anon at 4.8';nearly edge on spiral
NGC 7371	MCG - 2-58-	Galaxy	AQR	11.5	12.9	1.7'	22 46.1	-11 00	303	SBO-a			H II 477;Faint outer ring
NGC 7029	ESO 235-72	Galaxy	IND	11.5	12.9	2.5'	21 11.9	-49 17	412	Elliptical			
NGC 7796	ESO 149- 7	Galaxy	PHE	11.5	12.9	2.2'	23 59.0	-55 28	416	Elliptical			
NGC 4602	MCG - 1-32-	Galaxy	VIR	11.5	12.9	3'	12 40.6	-05 08	239	SBbc			H II 184;IC 804 @ 10 '
NGC 5831	UGC 9678	Galaxy	VIR	11.5	12.9	2.1'	15 04.1	+01 13	243	Ep			H II 540
NGC 6215	ESO 137-46	Galaxy	ARA	11.5	12.8	2.2'	16 51.1	-59 00	433	Sc			
NGC 4783	3C278;H I 13	Galaxy	CRV	11.5	12.8	2.3'	12 54.6	-12 34	284	EO			P w NGC 4782 @ 0.7'
NGC 1440	NGC 1442	Galaxy	ERI	11.5	12.8	2.2'	03 45.0	-18 16	312	SBO			H II 458
NGC 439	ESO 412-18	Galaxy	SCL	11.5	12.8	2.5'	01 13.8	-31 45	352	E3			
NGC 4767	ESO 323-36	Galaxy	CEN	11.5	12.7	2.6'	12 53.9	-39 43	402	Elliptical			
NGC 4474	UGC 7634	Galaxy	COM	11.5	12.7	2.4'	12 29.9	+14 04	193	SO			H II 117;spindle shaped
NGC 4291	UGC 7397	Galaxy	DRA	11.5	12.7	2'	12 20.3	+75 22	9	Elliptical			H I 275;P w NGC 4319
NGC 410	UGC 735	Galaxy	PSC	11.5	12.7	2.3'	01 11.0	+33 09	91	SBO			H II 220;UGC 735
NGC 1389	ESO 358-38	Galaxy	ERI	11.5	12.6	2.5'	03 37.2	-35 45	355	E4			Fornax Galaxy Cluster member
NGC 3690	UGC 6472	Galaxy	UMA	11.5	12.6	2'	11 28.5	+58 34	46	Sp?			H I 247;double system;collision w IC 694
NGC 5121	ESO 382-57	Galaxy	CEN	11.5	12.5	1.9'	13 24.8	-37 41	370	Sa			
NGC 7590	ESO 347-33	Galaxy	GRU	11.5	12.5	2.6'	23 18.9	-42 14	415	Sbc			near 7582
NGC 5631	UGC 9261	Galaxy	UMA	11.5	12.5	2'	14 26.6	+56 35	49	SO			vB diff N w F dk crescent on one side;
NGC 2880	UGC 5051	Galaxy	UMA	11.5	12.4	2.4'	09 29.6	+62 29	23	E3			very compact;bright nucleus in bar near minor axis
IC 5181	ESO 289-G0	Galaxy	GRU	11.5	12.2	2.5'	22 13.4	-46 01	414	SA0			Brightest in group with NGC 7232;A; B and 7233
NGC 1381	ESO 358-29	Galaxy	FOR	11.5	12.1	2.6'	03 36.5	-35 18	355	SO			Fornax Galaxy Cluster member
NGC 4800	UGC 8035	Galaxy	CVN	11.5	12	1.6'	12 54.6	+46 32	75	Sb			H I 211
NGC 6153	PK 341+5.1	Pln Neb	SCO	11.5	8.7	25"	16 31.5	-40 15	407	4		15.6	
NGC 2440	PK 234+2.1	Pln Neb	PUP	11.5	6.4	54"	07 41.9	-18 13	319	5(3)		17.5	almost starlike;irregular at high power;PK234+2.1
NGC 6567	PK 11-0.2	Pln Neb	SGR	11.5	6.4	11"	18 13.8	-19 05	339	2a(3)		15	
IC 1297	PK 358-21.1	Pln Neb	CRA	11.5	5.9	8"	19 17.4	-39 37	410			12.9	Ring shape
NGC 153	NGC 151	Galaxy	CET	11.6	-	3.8'	00 34.0	-09 42	261	SBbc			
NGC 1367	NGC 1371	Galaxy	FOR	11.6	-	5.9'	03 35.0	-24 56	312	SBa			
Pal 6		Glob CL	OPH	11.6	-	1.2'	17 43.7	-26 13	338	XI			
vdB 20	IC 349	Brn Neb	TAU	11.6	-	70.0'	03 46.0	+24 10	132	R			Electra nebulosity
NGC 2671	OCL 745	Opn CL	VEL	11.6	-	4'	08 46.2	-41 53	397	I 3 p	40		
New 3	MCG -02-33	Galaxy	VIR	11.6	14.2	2.5'	12 49.4	-10 07	284	Sc?			Marked; but not labeled; on Uranometria 2000
NGC 3311	ESO 501-38	Galaxy	HYA	11.6	14.1	3.7'	10 36.7	-27 32	325	E2			
NGC 3433	UGC 5981	Galaxy	LEO	11.6	14.1	3.7'	10 52.1	+10 09	190	Sc			H III 20;UGC 5981
NGC 3614	UGC 6318	Galaxy	UMA	11.6	14.1	4.8'	11 18.4	+45 45	73	Sc			H II 729;comp at 2.6';PA220;0.9'X0.7' dwarf;dif;patchy
NGC 4650	ESO 322-67	Galaxy	CEN	11.6	13.9	3.2'	12 44.3	-40 44	402	SBO-a			
NGC 2782	UGC 4862	Galaxy	LYN	11.6	13.9	3.7'	09 14.1	+40 07	71	SBa			broad bar w strong dk. lane;asym smooth arms dk lane
NGC 514	UGC 947	Galaxy	PSC	11.6	13.9	3.7'	01 24.1	+12 55	173	SBc			H II 252

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2223	ESO 489-49	Galaxy	CMA	11.6	13.8	3'	06 24.6	-22 50	317	SBab			
NGC 3430	UGC 5982	Galaxy	LMI	11.6	13.8	4.1'	10 52.2	+32 57	105	SBc			NGC 3395 group;H I 118
NGC 2776	UGC 4838	Galaxy	LYN	11.6	13.8	2.8'	09 12.2	+44 57	71	SBc			bright nucleus;2 main knotty arms;similar to M101
NGC 266	UGC 508	Galaxy	PSC	11.6	13.8	2.9'	00 49.8	+32 17	90	SBab			H III 153;UGC 508
NGC 2967	UGC 5180	Galaxy	SEX	11.6	13.8	2.8'	09 42.1	+00 20	233	Sc			B center part;2 main part. res.; arms w some branches
NGC 4603	ESO 322-52	Galaxy	CEN	11.6	13.7	2.3'	12 40.9	-40 59	402	SBc			S shaped spiral
NGC 5090	ESO 270- 2	Galaxy	CEN	11.6	13.7	2.7'	13 21.2	-43 42	403	E2			
NGC 3162	NGC 3575	Galaxy	LEO	11.6	13.7	3.1'	10 13.5	+22 44	144	SBbc R			H II 43;svBN: 0.5'X0.3';2 main knotty arms
NGC 2500	UGC 4165	Galaxy	LYN	11.6	13.7	2.9'	08 01.9	+50 44	43	SBcd			bright nucleus in bar;many well resolved clumpy arms
IC 4721	ESO 140-G0	Galaxy	PAV	11.6	13.7	5.6'	18 34.4	-58 30	435	SBc			Interacting with IC 4720?
NGC 24	ESO 472-16	Galaxy	SCL	11.6	13.7	6.1'	00 09.9	-24 58	305	Sc			H III 461;A2;Nearly edge-on
NGC 4144	UGC 7151	Galaxy	UMA	11.6	13.7	6.1'	12 10.0	+46 27	74	SBc			H II 747
NGC 4914	UGC 8125	Galaxy	CVN	11.6	13.6	3.5'	13 00.7	+37 19	109	Elliptical			H II 645;P w NGC 4868
NGC 5273	UGC 8675	Galaxy	CVN	11.6	13.6	2.7'	13 42.1	+35 39	110	SO			H I 98;P w NGC 5276;diff Nuc w 2 weak dark patches
NGC 1016	UGC 2128	Galaxy	CET	11.6	13.5	2.3'	02 38.3	+02 07	220	EO			in dense part of cluster
NGC 4304	ESO 380-20	Galaxy	HYA	11.6	13.5	2.6'	12 22.2	-33 29	369	SBbc			
NGC 151	NGC 153	Galaxy	CET	11.6	13.4	3.8'	00 34.0	-09 42	261	SBbc			H II 478
NGC 2513	UGC 4184	Galaxy	CNC	11.6	13.4	2.5'	08 02.4	+09 25	185	Elliptical			H III 512;brightest in group
NGC 3894	UGC 6779	Galaxy	UMA	11.6	13.4	2'	11 48.8	+59 25	47	E3			H I 248;P w N3895 at 2 ' ;PA60;comp 3.5';PA284;0.8'X0
NGC 3087	ESO 374-15	Galaxy	ANT	11.6	13.3	2.5'	09 59.1	-34 14	365	E0			
NGC 5582	UGC 9188	Galaxy	BOO	11.6	13.3	2.8'	14 20.7	+39 42	77	Elliptical			H II 754
NGC 337	MCG - 1- 3-	Galaxy	CET	11.6	13.3	3'	00 59.8	-07 35	262	SBcd			H II 433;Coarse spiral pattern
NGC 615	MCG - 1- 5-	Galaxy	CET	11.6	13.3	3.4'	01 35.1	-07 20	263	Sb			H II 282
NGC 4302	UGC 7418	Galaxy	COM	11.6	13.3	5.3'	12 21.7	+14 36	193	Sc			H II 112;Nearly edge-on spiral w equatorial dust lane
NGC 4421	UGC 7554	Galaxy	COM	11.6	13.3	2.7'	12 27.0	+15 28	193	SBO-a			H II 89
NGC 5879	UGC 9753	Galaxy	DRA	11.6	13.3	3.9'	15 09.8	+57 00	50	Sbc			H II 757;vsBN;many filam knotty arms;poor res
NGC 2855	MCG - 2-24-	Galaxy	HYA	11.6	13.3	2.4'	09 21.5	-11 55	278	Sa			H I 132
NGC 3370	UGC 5887	Galaxy	LEO	11.6	13.3	2.9'	10 47.1	+17 16	145	Sc			H II 81
NGC 2139	IC 2154	Galaxy	LEP	11.6	13.3	2.9'	06 01.1	-23 40	316	SBc			H II 264;IC 2154
NGC 2525	MCG - 2-21-	Galaxy	PUP	11.6	13.3	3'	08 05.6	-11 26	275	SBc/P			H III 877
NGC 7721	MCG - 1-60-	Galaxy	AQR	11.6	13.2	3.1'	23 38.8	-06 31	304	Sc			H II 432
IC 1954	ESO 200-36	Galaxy	HOR	11.6	13.2	3'	03 31.5	-51 54	420	SBb			
NGC 5796	NGC 5816	Galaxy	LIB	11.6	13.2	2.8'	14 59.4	-16 37	288	E0			
NGC 5861	MCG - 2-39-	Galaxy	LIB	11.6	13.2	3'	15 09.3	-11 19	288	SBc Ring			H II 192
NGC 57	UGC 145	Galaxy	PSC	11.6	13.2	2.2'	00 15.5	+17 20	125	Elliptical			H II 241=H II 243
NGC 5750	UGC 9512	Galaxy	VIR	11.6	13.2	3.2'	14 46.2	-00 13	243	SBO-a F			H I 183;seBN in diff inner lens;broad diff bar w dk lane
NGC 1351	ESO 358-12	Galaxy	FOR	11.6	13.1	3.4'	03 30.6	-34 51	355	SO			Fornax Galaxy Cluster member
NGC 2781	MCG - 2-24-	Galaxy	HYA	11.6	13.1	3.1'	09 11.5	-14 49	277	SBO-a F			H I 66
NGC 6758	ESO 184-37	Galaxy	TEL	11.6	13.1	2.3'	19 13.9	-56 19	435	E1			
NGC 4150	UGC 7165	Galaxy	COM	11.6	13	2.3'	12 10.6	+30 24	107	SO			H I 73
NGC 4793	UGC 8033	Galaxy	COM	11.6	13	2.9'	12 54.7	+28 56	108	SBc			H I 93
NGC 4235	IC 3098	Galaxy	VIR	11.6	13	3.9'	12 17.2	+07 11	193	Sa			H II 17;nearly edge on
NGC 4313	UGC 7445	Galaxy	VIR	11.6	13	3.8'	12 22.6	+11 48	193	Sab			H II 63;spindle shaped edge on
NGC 1032	UGC 2147	Galaxy	CET	11.6	12.9	3.4'	02 39.4	+01 06	220	Sa			H II 5;late Sa;comp 4.3';PA313;6X0.3
NGC 6207	UGC 10521	Galaxy	HER	11.6	12.9	3'	16 43.1	+36 50	114	Sc			H II 701;No def nuc;B * nr center;30' NE from M 13
NGC 7562	UGC 12464	Galaxy	PSC	11.6	12.9	2.2'	23 16.0	+06 41	214	Elliptical			H II 467;UGC 12464
NGC 7785	UGC 12841	Galaxy	PSC	11.6	12.9	2'	23 55.3	+05 55	170	Elliptical			H II 468
NGC 4835	ESO 269-19	Galaxy	CEN	11.6	12.8	4.3'	12 58.1	-46 16	402	SBbc			
NGC 5193	ESO 383-15	Galaxy	CEN	11.6	12.8	1.9'	13 31.9	-33 14	370	E2			
NGC 3309	ESO 501-36	Galaxy	HYA	11.6	12.8	2.4'	10 36.6	-27 31	325	Elliptical			
NGC 4324	Ho 388a	Galaxy	VIR	11.6	12.8	2.9'	12 23.1	+05 15	238	Sa Ring			Ho 388b @ 1.1' is a *
NGC 3038	ESO 374- 2	Galaxy	ANT	11.6	12.7	2.5'	09 51.3	-32 45	365	Sb			
NGC 4262	UGC 7365	Galaxy	COM	11.6	12.7	1.8'	12 19.5	+14 53	193	E-SO Ba			H II 110
NGC 7742	UGC 12760	Galaxy	PEG	11.6	12.7	1.8'	23 44.3	+10 46	170	Sb			H II 255;P w NGC 7743
NGC 4237	UGC 7315	Galaxy	COM	11.6	12.6	2.1'	12 17.2	+15 19	193	SBbc R			H II 11
NGC 1339	ESO 418- 4	Galaxy	FOR	11.6	12.6	1.8'	03 28.1	-32 17	355	E2			
NGC 7079	ESO 287-36	Galaxy	GRU	11.6	12.6	2'	21 32.6	-44 04	413	SBO			
NGC 3318	ESO 317-52	Galaxy	VEL	11.6	12.6	2.3'	10 37.3	-41 38	399	SBbc			
NGC 5328	ESO 445-67	Galaxy	HYA	11.6	12.5	1.8'	13 52.9	-28 29	371	E2			H III 923
NGC 3813	UGC 6651	Galaxy	UMA	11.6	12.5	2'	11 41.3	+36 33	107	Sb			H I 94
NGC 4373A	ESO 322- 8	Galaxy	CEN	11.6	12.3	2.6'	12 25.6	-39 19	402	SO			
NGC 2907	MCG - 3-25-	Galaxy	HYA	11.6	12.3	2'	09 31.6	-16 44	278	Sab			H II 506;Equatorial dust band;Nearly edge-on
IC 5271	ESO 406-34	Galaxy	PSA	11.6	12.3	2.6'	22 58.0	-33 45	384	Sb			
NGC 2639	UGC 4544	Galaxy	UMA	11.6	12.3	1.8'	08 43.6	+50 12	44	Sa			H I 204;v faint thin spiral arm;partly obscure on one side
NGC 63	UGC 167	Galaxy	PSC	11.6	12.2	1.7'	00 17.8	+11 27	171	S pec			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 3655	UGC 6396	Galaxy	LEO	11.6	12	1.5'	11 22.9	+16 35	191	Sc			H I 5
NGC 6309	PK 9+14.1	Pln Neb	OPH	11.6	8.6	20"	17 14.1	-12 55	292	3b(6)		16.3	Box Nebula
IC 3568	PK 123+34.1	Pln Neb	CAM	11.6	6.7	18"	12 33.1	+82 34	9	2(2a)		12.9	
PK 342+27.	Merrill 2-1	Pln Neb	LIB	11.6	6.7	16"	15 22.3	-23 38	334	2		18.4	same as PK342+17.1
PK 51+ 9.1	Hu 2-1	Pln Neb	HER	11.6	4.6	3"	18 49.8	+20 50	160			13.3	Stellar
Pal 12		Glob CL	CAP	11.7	-	2.9'	21 46.5	-21 15	346	XII			
IC 166	OCL 334	Opn CL	CAS	11.7	-	7'	01 52.5	+61 51	17	III 1 r	120	11.7	
M1-92		Brn Neb	CYG	11.7	-	20.0"	19 36.3	+29 33	118	R			Footprint Neb;looks like Dbl*; ^{30"} East of * of eq.m
Tr 25		Opn CL	SCO	11.7	-	5'	17 24.5	-39 01	376	II 1m:b	40		
NGC 6631	OCL 59	Opn CL	SCT	11.7	-	5'	18 27.2	-12 02	295	II 2 m	30		
MCG +09-20		Galaxy	UMA	11.7	-	2.5'	11 59.5	+50 55	47				Edge On
NGC 1253	MCG - 1- 9-	Galaxy	ERI	11.7	14.3	5.3'	03 14.2	-02 49	221	SBc			H IV 17
NGC 5905	UGC 9797	Galaxy	DRA	11.7	14.1	3.8'	15 15.4	+55 31	50	SBb			H II 758;P w NGC 5908 at 13'
NGC 784	UGC 1501	Galaxy	TRI	11.7	14.1	6.6'	02 01.3	+28 50	92	SBd			
NGC 521	UGC 962	Galaxy	CET	11.7	14	3.3'	01 24.6	+01 44	218	SBbc			H II 461;UGC 962;delicate multiple arms
NGC 895	MCG - 1- 7-	Galaxy	CET	11.7	14	3.6'	02 21.6	-05 31	264	Sc			H II 438;NGC 894 is part of NGC 895
NGC 2672	UGC 4619	Galaxy	CNC	11.7	14	2.5'	08 49.4	+19 04	142	E1			in halo of NGC 2673;contact;has curved plume
NGC 1784	MCG - 2-13-	Galaxy	LEP	11.7	14	4.1'	05 05.5	-11 52	279	SBc			
NGC 5892	F703	Galaxy	LIB	11.7	14	3.6'	15 13.8	-15 28	280	SBcd			Same position as Fath 703 in Burnham's F;S;R;BM 12.8
NGC 1156	UGC 2455	Galaxy	ARI	11.7	13.9	3.3'	02 59.7	+25 14	131	Ir+			H II 619;rrr dwarf w traces of spiral struct;bar-like core
IC 361	OCL 393	Opn CL	CAM	11.7	13.9	6'	04 18.8	+58 15	39	II 1 r	60	14.6	
NGC 6548	NGC 6550	Galaxy	HER	11.7	13.9	2.9'	18 06.0	+18 35	159	SBO			H III 555;P w NGC 6549
NGC 6118	UGC 10350	Galaxy	SER	11.7	13.9	4.7'	16 21.8	-02 17	246	Sc			H II 402;Low surface brightness
NGC 4592	UGC 7819	Galaxy	VIR	11.7	13.9	6.8'	12 39.3	-00 32	239	Sd			H II 31
NGC 5020	UGC 8289	Galaxy	VIR	11.7	13.9	3.1'	13 12.7	+12 36	195	SBbc Rn			H II 129
NGC 3254	UGC 5685	Galaxy	LMI	11.7	13.8	4.8'	10 29.3	+29 30	105	Sbc			H I 72
NGC 2273	UGC 3546	Galaxy	LYN	11.7	13.8	3.2'	06 50.1	+60 51	42	SBa			pseudo round; high surface brightness
NGC 4378	UGC 7497	Galaxy	VIR	11.7	13.8	2.5'	12 25.3	+04 55	238	Sa			H I 123;possibly 49' south of NGC 4376
NGC 3095	ESO 435-26	Galaxy	ANT	11.7	13.7	3.6'	10 00.1	-31 33	365	SBc			
NGC 3346	UGC 5842	Galaxy	LEO	11.7	13.7	2.7'	10 43.6	+14 52	190	SBc			H V 7
NGC 5957	UGC 9915	Galaxy	SER	11.7	13.7	3.1'	15 35.4	+12 03	199	SBb			Weak
NGC 4380	UGC 7503	Galaxy	VIR	11.7	13.6	3.2'	12 25.4	+10 01	193	Sab			spiral pattern amorphous
NGC 4424	UGC 7561	Galaxy	VIR	11.7	13.6	3.5'	12 27.2	+09 25	193	SBa			SN 1895a;comp @ 0.6';NGC 4417 11' NW
NGC 991	MCG - 1- 7-	Galaxy	CET	11.7	13.5	3'	02 35.5	-07 09	265	SB Ring			H III 434
NGC 1494	ESO 201-12	Galaxy	HOR	11.7	13.5	3.3'	03 57.7	-48 55	391	SBcd			
NGC 7135	ESO 403-35	Galaxy	PSA	11.7	13.5	2.9'	21 49.8	-34 53	383	E-SO			
NGC 3281	ESO 375-55	Galaxy	ANT	11.7	13.4	3.2'	10 31.9	-34 51	366	Sab Ring			
NGC 5987	UGC 9971	Galaxy	DRA	11.7	13.4	4.2'	15 39.9	+58 05	51	Sb			H II 765
NGC 1437	NGC 1436	Galaxy	ERI	11.7	13.4	3.1'	03 43.6	-35 51	356	SBab			Fornax Galaxy Cluster member
IC 4351	ESO 445-84	Galaxy	HYA	11.7	13.4	5.9'	13 57.9	-29 19	371	Sb			
NGC 5614	UGC 9226	Galaxy	BOO	11.7	13.3	2.4'	14 24.1	+34 52	111	Sab			NGC 5614 superimp;P w NGC 5613 at 2' PA 351;disturb
NGC 4312	UGC 7442	Galaxy	COM	11.7	13.3	4.6'	12 22.5	+15 32	193	Sab			H II 628
NGC 1640	ESO 551-27	Galaxy	ERI	11.7	13.3	2.7'	04 42.2	-20 26	314	SBab			
NGC 2865	ESO 498- 1	Galaxy	HYA	11.7	13.3	2.5'	09 23.5	-23 10	323	E4			
NGC 3145	MCG - 2-26-	Galaxy	HYA	11.7	13.3	3'	10 10.2	-12 26	279	SBbc			H III 518
NGC 718	UGC 1356	Galaxy	PSC	11.7	13.3	2.3'	01 53.2	+04 12	219	SBa			H II 270;2 smooth arms;UGC 1356
NGC 3738	UGC 6565	Galaxy	UMA	11.7	13.3	2.6'	11 35.8	+54 31	47	Ir			H II 783;UGC 6565;Arp 234;NGC 3756 15' SE
NGC 4586	UGC 7804	Galaxy	VIR	11.7	13.3	3.8'	12 38.5	+04 19	239	Sa Ring			H I 125
NGC 5324	MCG - 1-35-	Galaxy	VIR	11.7	13.3	2.3'	13 52.1	-06 04	286	Sc			H II 307
NGC 5806	UGC 9645	Galaxy	VIR	11.7	13.3	3.2'	15 00.0	+01 53	243	SBb			n NGC 5846 group;eBN in B lens;NGC 5813 21' SE
NGC 5156	ESO 220-13	Galaxy	CEN	11.7	13.2	2.5'	13 28.7	-48 55	403	SBab			
NGC 2188	ESO 364-37	Galaxy	COL	11.7	13.2	4.7'	06 10.2	-34 06	359	SBp			
NGC 4713	UGC 7985	Galaxy	VIR	11.7	13.2	2.9'	12 50.0	+05 19	239	SBcd			H I 140
NGC 2272	ESO 490-33	Galaxy	CMA	11.7	13.1	2.4'	06 42.7	-27 28	318	SO			
NGC 4189	IC 3050	Galaxy	COM	11.7	13.1	2.5'	12 13.8	+13 25	193	SBc			H II 106
NGC 4874	UGC 8103	Galaxy	COM	11.7	13.1	2.4'	12 59.6	+27 58	149	Elliptical			NGC 4889 @ 7.2';2nd Brightest in Coma cluster
NGC 4369	UGC 7489	Galaxy	CVN	11.7	13.1	2.4'	12 24.6	+39 23	75	Sa			H I 166
NGC 2889	MCG - 2-24-	Galaxy	HYA	11.7	13.1	2.3'	09 27.2	-11 39	278	SBc Rn			H II 555
NGC 7541	UGC 12447	Galaxy	PSC	11.7	13.1	3.5'	23 14.7	+04 32	259	SBc			H II 430
NGC 5899	UGC 9789	Galaxy	BOO	11.7	13	3.3'	15 15.1	+42 03	78	SBc			H II 650;svBN;sev knotty branch arms;strong asym
NGC 5965	UGC 9914	Galaxy	DRA	11.7	13	4.7'	15 34.0	+56 41	51	Sb			H II 762;P w NGC 5963
NGC 2968	UGC 5190	Galaxy	LEO	11.7	13	2.1'	09 43.2	+31 56	104	Sa			H II 491;diffuse; Mrk 405 east 5.1 min , near 2964
NGC 5791	ESO 581- 7	Galaxy	LIB	11.7	13	2.5'	14 58.8	-19 16	333	Sa			H III 691
NGC 3381	UGC 5909	Galaxy	LMI	11.7	13	2'	10 48.4	+34 43	105	SB/P			H II 565
NGC 254	ESO 411-15	Galaxy	SCL	11.7	13	2.6'	00 47.5	-31 25	351	SBO-a R			vF outer arms

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2748	UGC 4825	Galaxy	CAM	11.7	12.9	3.1'	09 13.7	+76 29	8	Sbc			vB center w sN;sev knotty arms w dk lanes
NGC 3783	ESO 378-14	Galaxy	CEN	11.7	12.9	1.9'	11 39.0	-37 44	367	SBa			
NGC 4782	MCG - 2-33-	Galaxy	CRV	11.7	12.9	2.3'	12 54.6	-12 34	284	EO			H I 135;Contact P w NGC 4783
NGC 4389	UGC 7514	Galaxy	CVN	11.7	12.9	2.6'	12 25.6	+45 41	75	SB/P			H II 749;Peculiar
NGC 4386	UGC 7491	Galaxy	DR A	11.7	12.9	2.6'	12 24.5	+75 32	9	SBO			H I 277
NGC 3277	UGC 5731	Galaxy	LMI	11.7	12.9	2.1'	10 32.9	+28 31	105	Sab			H II 359
NGC 7448	UGC 12294	Galaxy	PEG	11.7	12.9	2.6'	23 00.1	+15 59	213	Sbc			H II 251;Brightest in group;UGC 12294;Arp 13
NGC 3600	UGC 6283	Galaxy	UMA	11.7	12.9	4.1'	11 15.9	+41 35	73	Sa			comp 1.8;305;0.3'X0.15';F;comp 2.7;288;0.4'X0.2'
NGC 4632	UGC 7870	Galaxy	VIR	11.7	12.9	3'	12 42.5	-00 05	239	Sc			H I 14
NGC 4379	UGC 7502	Galaxy	COM	11.7	12.8	2'	12 25.2	+15 36	193	E-SO			H II 87
NGC 4540	UGC 7742	Galaxy	COM	11.7	12.8	2.1'	12 34.8	+15 33	194	SBc			H II 94;IC 3528 (Ho 421b) @ 1.5' nf;comp @ 4.3'
NGC 4033	ESO 572-42	Galaxy	CRV	11.7	12.8	2.4'	12 00.6	-17 51	328	Elliptical			H II 508
NGC 7462	ESO 346-28	Galaxy	GRU	11.7	12.8	4.3'	23 02.8	-40 50	415	SBbc			
NGC 4550	UGC 7757	Galaxy	VIR	11.7	12.8	3.3'	12 35.5	+12 13	194	SBO			H I 36;NGC 4551 @ 3'
NGC 4808	UGC 8054	Galaxy	VIR	11.7	12.8	2.4'	12 55.8	+04 18	239	Sc			H I 141
NGC 1573	UGC 3077?	Galaxy	CAM	11.7	12.7	1.9'	04 35.1	+73 16	5	E3	15.5		brst of 4;spiral
NGC 4024	ESO 572-31	Galaxy	CRV	11.7	12.7	1.9'	11 58.5	-18 21	327	E-SO Ba			H II 295
NGC 7097	ESO 287-48	Galaxy	GRU	11.7	12.7	1.8'	21 40.2	-42 32	413	Elliptical			
NGC 1587	UGC 3063	Galaxy	TAU	11.7	12.7	1.7'	04 30.7	+00 40	223	E1p			H II 8
NGC 3818	MCG - 1-30-	Galaxy	VIR	11.7	12.7	2'	11 42.0	-06 09	282	Elliptical			H III 284
NGC 4440	UGC 7581	Galaxy	VIR	11.7	12.7	1.8'	12 27.9	+12 18	193	SBa			H II 173;Brightest of 3;NGC 4436 @ 3.6';NGC 4431 @ 6'
NGC 3872	UGC 6738	Galaxy	LEO	11.7	12.6	2.3'	11 45.8	+13 46	192	Elliptical			P w UGC 6758 at 19' ;PA101;comp PA 259;0.2'X0.2'
NGC 2340	UGC 3720	Galaxy	LYN	11.7	12.6	1.8'	07 11.2	+50 10	42	Elliptical			H II 736
NGC 2537	UGC 4274	Galaxy	LYN	11.7	12.6	3.1'	08 13.2	+45 59	69	SBp			spiral;bright partly resolved bar w strong asym arm
NGC 6909	ESO 285-12	Galaxy	TEL	11.7	12.6	2.2'	20 27.6	-47 02	412	E6			
NGC 3516	UGC 6153	Galaxy	UMA	11.7	12.5	1.9'	11 06.8	+72 34	8	SBO Rir			H II 336;Seyfert
NGC 4825	MCG - 2-33-	Galaxy	VIR	11.7	12.5	2'	12 57.2	-13 40	284	E-SO			H II 563
NGC 4786	MCG - 1-33-	Galaxy	VIR	11.7	12.4	1.6'	12 54.5	-06 52	284	E2			H II 187;NGC 4775 18' to SE
NGC 3056	ESO 435- 7	Galaxy	ANT	11.7	12.3	2.1'	09 54.5	-28 18	365	SBO-a			
NGC 2845	ESO 314-10	Galaxy	VEL	11.7	12.3	2'	09 18.6	-38 01	364	Sa			
NGC 4933A	NGC 4933	Galaxy	VIR	11.7	12.3	2'	13 03.9	-11 30	284	Sa			H II 191
NGC 1726	MCG - 1-13-	Galaxy	ERI	11.7	12.1	2.1'	04 59.7	-07 45	269	SO			
NGC 2022	PK 196-10.1	Pln Neb	ORI	11.7	9.2	28"	05 42.1	+09 05	181	4(2)	15.8		small,faint and distinct w annular form;PK196-10.1
PK 355- 6.5	M3-21	Pln Neb	SGR	11.7	6.3	5"	18 02.5	-36 39	377		13.5		
NGC 6952	NGC 6951	Galaxy	CEP	11.8	-	3.9'	20 37.2	+66 06	32	SBbc			
NGC 4208	NGC 4212	Galaxy	COM	11.8	-	3.2'	12 15.7	+13 54	193	Sc			H II 107
NGC 1436	NGC 1437	Galaxy	ERI	11.8	-	3.1'	03 43.6	-35 51	356	SBab			
NGC 3373	NGC 3389	Galaxy	LEO	11.8	-	2.9'	10 48.5	+12 32	190	Sc			near M 105
NGC 3632	NGC 3626	Galaxy	LEO	11.8	-	3.2'	11 20.1	+18 21	146	Sa			see 3626
NGC 2368	OCL 571	Opn CL	MON	11.8	-	5'	07 21.1	-10 22	274	IV 2 p	15		
NGC 1220	OCL 380	Opn CL	PER	11.8	-	1.6'	03 11.7	+53 21	38	II 2 p	15	13	
NGC 1624	OCL 403	CL+Neb	PER	11.8	-	1.9'	04 40.6	+50 28	40	II 1 p n:b	12	11.8	H V 49
NGC 2588	OCL 715	Opn CL	PUP	11.8	-	2'	08 23.2	-32 59	363	II 1 p	20		
NGC 6318	OCL 1004	Opn CL	SCO	11.8	-	4'	17 16.2	-39 26	408	III 2 p		12	
Pal 5		Glob CL	SER	11.8	-	8.0'	15 16.1	-00 07	244	XII			
MCG +09-20		Galaxy	UMA	11.8	-	1.5'	11 57.8	+55 28	47				Face On
NGC 2541	UGC 4284	Galaxy	LYN	11.8	14.9	6.3'	08 14.7	+49 04	69	SBc			H III 710
New 1	MCG -01-03-	Galaxy	CET	11.8	14.4	4.5'	01 05.1	-06 13	262	S			
NGC 5556	ESO 446-50	Galaxy	HYA	11.8	14.4	4.1'	14 20.6	-29 15	372	SBcd			
NGC 1249	ESO 155- 6	Galaxy	HOR	11.8	14.3	4.7'	03 10.0	-53 20	419	SBc			
NGC 5885	MCG - 2-39-	Galaxy	LIB	11.8	14.2	3.9'	15 15.1	-10 05	289	SB Ring			H III 116
NGC 7456	ESO 346-26	Galaxy	GRU	11.8	14.1	5.1'	23 02.2	-39 34	415	Sc			
NGC 5042	ESO 508-31	Galaxy	HYA	11.8	14.1	4.2'	13 15.5	-23 59	330	SBc			
NGC 1954	MCG - 2-15-	Galaxy	LEP	11.8	14.1	4.2'	05 32.8	-14 04	270	Sbc			H III 590
NGC 3054	ESO 499-18	Galaxy	HYA	11.8	14	3.8'	09 54.5	-25 42	324	SBb			
NGC 3027	UGC 5316	Galaxy	UMA	11.8	13.9	4.2'	09 55.7	+72 12	23	SBcd			H V 23;P w NGC 2985 @ 2.7' PA296;UGC 5316
NGC 4519	UGC 7709	Galaxy	VIR	11.8	13.9	2.9'	12 33.5	+08 39	194	SBcd Rir			H II 158
NGC 1090	UGC 2247	Galaxy	CET	11.8	13.8	3.9'	02 46.6	-00 15	220	SBbc			H II 465;NGC 1068 grp
NGC 5297	UGC 8709	Galaxy	CVN	11.8	13.8	5.7'	13 46.4	+43 52	76	SBc			H I 180;P w NGC 5296 at 1'6;vsBN;B lens w knotty arms
NGC 4094	MCG - 2-31-	Galaxy	CRV	11.8	13.7	4.1'	12 05.9	-14 32	283	SBc			
NGC 3294	UGC 5753	Galaxy	LMI	11.8	13.7	3.4'	10 36.3	+37 19	105	Sc			H I 164
NGC 6070	UGC 10230	Galaxy	SER	11.8	13.7	3.6'	16 10.0	+00 43	245	Sc			H III 553;vF background of 6 galaxies
NGC 3917	UGC 6815	Galaxy	UMA	11.8	13.7	5'	11 50.8	+51 49	47	Sc			comp 4.9';PA204;0.3'X0.3';nearly edge on streak
NGC 3275	ESO 375-50	Galaxy	ANT	11.8	13.6	2.8'	10 30.9	-36 44	366	SBab			
NGC 5533	UGC 9133	Galaxy	BOO	11.8	13.6	3.1'	14 16.1	+35 21	110	Sab			H II 418;vBN weak irreg out arms

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
PK 329- 2.2	Menzel 2,V	Pln Neb	NOR	11.9	9.9	25"	16 14.5	-54 57	432	4(3)		18.3	Easy grey round lies in dense field--Hartung
IC 351	PK 159-15.1	Pln Neb	PER	11.9	7.3	8"	03 47.6	+35 03	95	2a		15	
PK 345- 4.1	Cannon 1-3	Pln Neb	SCO	11.9	6.5	5"	17 26.3	-44 12	408	1		14.3	
PK 100- 8.1	Merrill 2-2	Pln Neb	LAC	11.9	6.1	5.0"	22 31.7	+47 48	87	1		16.1	Stellar
MCG +08-0		Galaxy	AND	12	-	1.0'	23 59.2	+46 53	59				Face On
MCG +08-0		Galaxy	AND	12	-	0.4'	23 59.9	+47 16	59				Mostly Face On
NGC 6724		Opn CL	AQL	12	-	6.2'	18 56.8	+10 26	206				
NGC 6837	OCL 108	Opn CL	AQL	12	-	6'	19 53.5	+11 41	207	IV 1p :b			H VIII 18
IC 5006		Star	AQL	12	-		20 23.7	+06 28	208				
NGC 1883	OCL 417	Opn CL	AUR	12	-	2.5'	05 25.9	+46 29	66	II 1 p	30	14	H VII 34
PK 169-0.1	IC 2120	Pln Neb	AUR	12	-	60.0"	05 18.2	+37 34	97			16.2	
Berk 10		Opn CL	CAM	12	-	12'	03 39.6	+66 31	18	II 3 p	50	14	
MCG +13-07		Galaxy	CAM	12	-	0.9'	08 53.2	+76 30	7				Appr. 50/50 Face & Edge On
NGC 366	OCL 316	Opn CL	CAS	12	-	3'	01 06.4	+62 14	16	II 3 p	30	10	
NGC 7795		Opn CL	CAS	12	-	10'	23 58.7	+60 01	35				
NGC 5381	OCL 915	Opn CL	CEN	12	-	14'	14 00.7	-59 35	430	II 2 p		50	
NGC 5786	ESO 327-37	Galaxy	CEN	12	-	2.3'	14 58.9	-42 01	405	SBbc			
NGC 7234	Cr 447	Opn CL	CEP	12	-	4'	22 12.4	+57 16	57	II 3 m			H VIII 63; From Historial NGC
NGC 7352		Opn CL	CEP	12	-		22 39.8	+57 24	58				
NGC 336	ESO 541- 2	Galaxy	CET	12	-	0.7'	00 58.0	-18 23	307	S pec			
NGC 4802	NGC 4804	Galaxy	CRV	12	-	2.4'	12 55.8	-12 03	284	SO			
NGC 6895		Opn CL	CYG	12	-	20'	20 16.5	+50 14	55				H VIII 83
NGC 7044	OCL 198	Opn CL	CYG	12	-	6'	21 12.9	+42 29	86	II 2 R		15	H VI 24
NGC 1723	MCG - 2-13-	Galaxy	ERI	12	-	3.3'	04 59.4	-10 59	269	SB Ring			
NGC 1318	NGC 1317	Galaxy	FOR	12	-	2.8'	03 22.7	-37 06	355	SBa			
IC 443	LBN 844	SN Rem	GEM	12	-	50'	06 17.8	+22 49	137				vF;vL;arc 25'x5';filamentary structure
MCG -03-28		Galaxy	HYA	12	-	0.3'	10 48.1	-20 53	325				Face On
NGC 7036		Opn CL	PEG	12	-	8'	21 10.2	+15 23	210				
NGC 7084		Opn CL	PEG	12	-	20'	21 32.5	+17 31	165				
UGC 12613	Pegasus Dw	Galaxy	PEG	12	-	4.6'	23 28.6	+14 45	214	Ir+			dwarf Member Local Group , pegasus dwarf
NGC 6415	ESO 393-71	Opn CL	SCO	12	-		17 44.3	-35 04	377				
NGC 6437	ESO 393-72	Opn CL	SCO	12	-		17 48.4	-35 22	377				Type is Milky Way Star Cloud in HNGC
NGC 6480	ESO 456-71	CL+Neb	SCO	12	-	5'	17 54.4	-30 27	377	E+			
PK 353- 4.1	Haro 1-36	Pln Neb	SCO	12	-	10"	17 49.8	-37 02	377			16.8	
NGC 6476		Opn CL	SGR	12	-	20.0'	17 54.0	-29 09	377				
NGC 6554	ESO 590-70	Opn CL	SGR	12	-	20'	18 09.0	-18 26	339				
PK 12- 7.1		Pln Neb	SGR	12	-	10"	18 42.6	-21 17	340				
PK 358- 6.1		Pln Neb	SGR	12	-	10"	18 09.9	-33 19	377				
MCG +10-15		Galaxy	UMA	12	-	0.5'	13 08.7	+62 17	26				Mostly Face On
NGC 5079	MCG - 2-34-	Galaxy	VIR	12	-	1.5'	13 19.6	-12 42	285	SBbc/P			H III 118
NGC 5339	MCG - 1-35-	Galaxy	VIR	12	-	1.9'	13 54.0	-07 56	286	SBa			
MCG -03-34		Galaxy	VIR	12	-	2.5'	13 12.5	-17 31	330	Sc pec			Appr. 50/50 Face & Edge On
PK 303+40.	Abell 35	Pln Neb	HYA	12	18.9	12.8'	12 53.6	-22 52	329	3a		9.6	cent* variable LW Hya
UGC 6253	Leo II	Galaxy	LEO	12	17.3	12'	11 13.5	+22 10	146	dE0			Memb Local Group;Dwarf elliptical
NGC 1179	ESO 547- 1	Galaxy	ERI	12	15	4.7'	03 02.6	-18 54	311	Sp			
IC 342	UGC 2847	Galaxy	CAM	12	14.9	20.9'	03 46.8	+68 06	18	SBc			Local Group Member
NGC 5964	IC 4551	Galaxy	SER	12	14.7	4.1'	15 37.6	+05 58	199	SBcd			narrow bar w low surf brightness arms
UGC 3685	PGC 20250	Galaxy	LYN	12	14.3	3.3'	07 09.0	+61 36	21	SBb			
NGC 3801	UGC 6635	Galaxy	LEO	12	14.1	2.8'	11 40.3	+17 44	147	SO			H II 161
NGC 4116	UGC 7111	Galaxy	VIR	12	14.1	3.8'	12 07.6	+02 41	238	SBc			NGC 4123 @ 14 ' ;flattened bar shape
NGC 5266A	ESO 220-30	Galaxy	CEN	12	14	3.1'	13 40.6	-48 21	403	SBc			
NGC 2554	UGC 4312	Galaxy	CNC	12	14	3.2'	08 17.9	+23 28	141	Sa			H II 303;very faint slightly asym disc w spiral arcs
NGC 7753	UGC 12780	Galaxy	PEG	12	14	2.9'	23 47.1	+29 29	89	SBbc			H II 213;connected w NGC 7752
NGC 4814	UGC 8051	Galaxy	UMA	12	14	3.3'	12 55.4	+58 21	48	SB/P			H I 243
NGC 697	NGC 674	Galaxy	ARI	12	13.9	4.4'	01 51.3	+22 21	128	SBbc			H III 179;brightest in group
IC 2627	ESO 502-21	Galaxy	CRT	12	13.9	2.6'	11 09.9	-23 44	326	SBbc			
UGC 8041	New 4	Galaxy	VIR	12	13.8	3.2'	12 55.2	+00 07	239	SBd			
NGC 6654	UGC 11238	Galaxy	DRA	12	13.7	2.6'	18 24.1	+73 11	12	SBO-a F			
NGC 3200	ESO 567-45	Galaxy	HYA	12	13.7	4.2'	10 18.6	-17 59	324	SBbc			Nearly edge-on
ESO 373-Gc		Galaxy	ANT	12	13.6	5.8'	09 33.3	-33 02	364	Sc			
NGC 3666	UGC 6420	Galaxy	LEO	12	13.6	4.6'	11 24.4	+11 21	191	SBc			H I 20;UGC 6420;Nearly edge-on
NGC 4045	NGC 4046	Galaxy	VIR	12	13.6	3.1'	12 02.7	+01 59	238	Sba Ring			H II 276;Ho 320b @ 1.6';UGC 7021;faint outer arms
NGC 4539	UGC 7735	Galaxy	COM	12	13.5	3.3'	12 34.6	+18 12	149	SBa			
NGC 1241	MCG - 2- 9-	Galaxy	ERI	12	13.5	3.2'	03 11.2	-08 55	266	SBb			H II 286
NGC 2763	MCG - 2-23-	Galaxy	HYA	12	13.5	2.3'	09 06.8	-15 30	277	SBc			H III 275

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1550	NGC 1551	Galaxy	TAU	12	13.5	2.2'	04 19.6	+02 25	223	Elliptical			nnp of 2;one of which is IC 366 at 3.2';PA162
NGC 4430	UGC 7566	Galaxy	VIR	12	13.5	2.3'	12 27.4	+06 16	193	SBb/P			H II 146;NGC 4432 @ 2.4'
NGC 357	MCG - 1- 3-	Galaxy	CET	12	13.4	2.5'	01 03.4	-06 20	262	SBO-a			H II 434
NGC 681	MCG - 2- 5-	Galaxy	CET	12	13.4	2.7'	01 49.2	-10 26	263	SBab			H II 481;Thin equat dust lane;resembles M 104
NGC 1688	ESO 119- 6	Galaxy	DOR	12	13.4	2.4'	04 48.4	-59 48	421	SBc			
NGC 4648	UGC 7868	Galaxy	DRA	12	13.4	1.8'	12 41.7	+74 25	9	Ellip Rin			H I 274;P w NGC 4589 @ 22'
NGC 3285	ESO 501-15	Galaxy	HYA	12	13.4	2.7'	10 33.6	-27 27	325	SBa			
PK 342- 4.1	He2-207	Pin Neb	SCO	12	13.4	40"	17 19.5	-45 53	408				
NGC 271	UGC 519	Galaxy	CET	12	13.3	2.2'	00 50.7	-01 55	217	SBab			H II 446;UGC 519
NGC 6501	UGC 11049	Galaxy	HER	12	13.3	1.8'	17 56.1	+18 22	159	Sa			H III 958
NGC 5264	ESO 445-12	Galaxy	HYA	12	13.3	2.6'	13 41.6	-29 55	371	Ir+			
NGC 3455	UGC 6028	Galaxy	LEO	12	13.3	2.7'	10 54.5	+17 17	145	SBb			H II 82;P w NGC 3454;Nearly edge-on
NGC 4008	UGC 6953	Galaxy	LEO	12	13.3	2.4'	11 58.3	+28 12	107	Elliptical			H II 368
NGC 2493	UGC 4150	Galaxy	LYN	12	13.3	1.9'	08 00.4	+39 50	69	SBO			H III 750
NGC 3687	UGC 6463	Galaxy	UMA	12	13.3	1.9'	11 28.0	+29 31	106	SBbc Rin			comp superimp on the disc at 0.8';PA93;0.1'X0.1'
NGC 3224	ESO 375-13	Galaxy	ANT	12	13.2	1.9'	10 21.7	-34 42	366	Elliptical			
NGC 2708	NGC 2727	Galaxy	HYA	12	13.2	2.7'	08 56.1	-03 22	232	Sb			H II 281
NGC 6935	ESO 234-59	Galaxy	IND	12	13.2	2.1'	20 38.3	-52 07	437	SBa			
NGC 5597	MCG - 3-37-	Galaxy	LIB	12	13.2	2.1'	14 24.5	-16 46	287	SBc Rin			H III 122
NGC 7042	UGC 11702	Galaxy	PEG	12	13.2	2'	21 13.8	+13 34	210	Sb			H III 209;UGC 11702
NGC 3264	UGC 5719	Galaxy	UMA	12	13.2	2.9'	10 32.3	+56 05	46	SB			
NGC 2634	UGC 4581	Galaxy	CAM	12	13.1	2'	08 48.4	+73 58	7	E1			disturbed; Pw NGC 2634A at 1.9' sf
NGC 3865	NGC 3854	Galaxy	CRT	12	13.1	2.1'	11 44.9	-09 14	282	SBb			
NGC 1638	UGC 3133	Galaxy	ERI	12	13.1	2.3'	04 41.6	-01 49	224	SBO			H II 525;comp 2.6';PA50
NGC 3081	IC 2529;H III	Galaxy	HYA	12	13.1	2.2'	09 59.5	-22 50	324	SBO-a F			
NGC 6012	UGC 10083	Galaxy	SER	12	13.1	2.1'	15 54.2	+14 36	200	SBab			H II 657
NGC 5389	UGC 8866	Galaxy	UMA	12	13.1	3.6'	13 56.1	+59 44	49	SBO-a			P w NGC 5379;vBN w strong dk lane on one side
NGC 4551	UGC 7759	Galaxy	VIR	12	13.1	1.8'	12 35.6	+12 16	194	Elliptical			H I 37;NGC 4550 @ 3'
NGC 4904	UGC 8121	Galaxy	VIR	12	13.1	2.2'	13 01.0	-00 02	239	SBc			H II 517
NGC 7218	MCG - 3-56-	Galaxy	AQR	12	13	2.6'	22 10.2	-16 40	302	SBc			H II 897;Central mass appears triple
NGC 7391	UGC 12211	Galaxy	AQR	12	13	1.7'	22 50.6	-01 33	258	Elliptical			H II 443
NGC 4489	UGC 7655	Galaxy	COM	12	13	1.7'	12 30.9	+16 46	193	Elliptical			H II 91;P w NGC 4498 @ 12.6'
NGC 2921	ESO 565-17	Galaxy	HYA	12	13	2.9'	09 34.5	-20 55	323	SB Ring			H III 597
NGC 5595	MCG - 3-37-	Galaxy	LIB	12	13	2.4'	14 24.2	-16 43	287	SBc			H III 121
NGC 2344	UGC 3734	Galaxy	LYN	12	13	1.7'	07 12.5	+47 10	68	SBbc			
NGC 23	UGC 89	Galaxy	PEG	12	13	2.5'	00 09.9	+25 55	125	SBa			H III 147;UGC 89
NGC 1012	UGC 2141	Galaxy	ARI	12	12.9	2.5'	02 39.2	+30 09	93	Sa			high surf brtns;fragmts of spiral arms;lge nucleus
NGC 1393	ESO 548-58	Galaxy	ERI	12	12.9	2'	03 38.6	-18 26	312	SBO			H III 451
NGC 1691	UGC 3201	Galaxy	ORI	12	12.9	1.7'	04 54.6	+03 16	224	SBO-a F			
NGC 6721	ESO 141-19	Galaxy	PAV	12	12.9	1.6'	19 00.8	-57 46	435	E0			
NGC 7769	UGC 12808	Galaxy	PEG	12	12.9	1.6'	23 51.1	+20 09	125	Sb			H II 230;Size 2.5'x2.1' in red light;UGC 12808
NGC 434	ESO 113-23	Galaxy	TUC	12	12.9	2.2'	01 12.2	-58 15	417	SBab			
NGC 4307	Ho 380a	Galaxy	VIR	12	12.9	3.5'	12 22.1	+09 02	193	Sb			spindle shaped edge on
NGC 5665	UGC 9352	Galaxy	BOO	12	12.8	2.1'	14 32.4	+08 05	197	SBc			H II 27;Arp 49;peculiar br cond in arms
NGC 5357	ESO 445-78	Galaxy	CEN	12	12.8	1.6'	13 56.0	-30 21	371	E0			
NGC 5949	UGC 9866	Galaxy	DRA	12	12.8	2.2'	15 28.0	+64 46	28	Sbc			H II 906;vsBN;many B knotty arms
NGC 1653	UGC 3153	Galaxy	ERI	12	12.8	1.5'	04 45.8	-02 24	224	E0			H II 526
NGC 3936	ESO 504-20	Galaxy	HYA	12	12.8	3.9'	11 52.3	-26 54	327	SBbc			Nearly edge-on
NGC 7385	UGC 12207	Galaxy	PEG	12	12.8	1.3'	22 49.9	+11 36	213	Elliptical			H III 216;Brightest in cluster;UGC 12207
NGC 5516	ESO 221-34	Galaxy	CEN	12	12.7	1.8'	14 15.9	-48 07	404	E-SO			
IC 2158	ESO 425- 7	Galaxy	COL	12	12.7	1.7'	06 05.3	-27 51	316	SBab			
NGC 5313	UGC 8744	Galaxy	CVN	12	12.7	1.7'	13 49.7	+39 59	76	Sb			H II 711
NGC 4128	UGC 7120	Galaxy	DRA	12	12.7	2.4'	12 08.5	+68 46	25	SO			H I 263;Ho 337b @ 2';UGC 7120
NGC 6127	NGC 6125	Galaxy	DRA	12	12.7	1.4'	16 19.2	+57 59	51	Elliptical			
NGC 6869	UGC 11506	Galaxy	DRA	12	12.7	1.6'	20 00.7	+66 14	32	SO			
NGC 7232	ESO 289- 7	Galaxy	GRU	12	12.7	2.6'	22 15.6	-45 51	414	SBa			P w NGC 7233 @2'
NGC 7007	ESO 187-48	Galaxy	IND	12	12.7	2'	21 05.5	-52 33	437	E-SO			
NGC 6699	ESO 183-21	Galaxy	PAV	12	12.7	1.5'	18 52.0	-57 19	435	SBbc			
NGC 955	UGC 1986	Galaxy	CET	12	12.6	2.9'	02 30.6	-01 07	220	Sab			H II 278;Poss edge-on SO lens shape
NGC 4405	IC 788	Galaxy	COM	12	12.6	1.6'	12 26.1	+16 11	193	Sa			H II 88
NGC 1366	ESO 418-10	Galaxy	FOR	12	12.6	2.1'	03 33.9	-31 12	355	SO			H III 857
NGC 2924	MCG - 3-25-	Galaxy	HYA	12	12.6	1.3'	09 35.2	-16 24	278	E0			
NGC 5670	ESO 272-19	Galaxy	LUP	12	12.6	2.3'	14 35.6	-45 58	404	SO			
NGC 16	UGC 80	Galaxy	PEG	12	12.4	1.8'	00 09.1	+27 44	125	E3			H IV 15;comp@ 3.3';PA 347;0.4x0.3;vF interacting pair
NGC 4452	UGC 7601	Galaxy	VIR	12	12.4	2.7'	12 28.7	+11 45	193	SO			H I 23;cigar shaped edge on

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 665	UGC 1223	Galaxy	PSC	12.1	13.5	2.4'	01 44.9	+10 25	173	SO			H II 588;Brightest in group;UGC 1223
NGC 6887	ESO 186-27	Galaxy	TEL	12.1	13.5	3.2'	20 17.3	-52 48	436	Sbc			
NGC 5230	UGC 8573	Galaxy	VIR	12.1	13.5	2.1'	13 35.5	+13 40	195	SBc			brst in group;disturbed by 5222 @ 9.5';well def spiral
NGC 5496	UGC 9079	Galaxy	VIR	12.1	13.5	4.7'	14 11.6	-01 10	242	SBcd			edge on w streaky dust lanes
NGC 3742	ESO 320- 6	Galaxy	CEN	12.1	13.4	2.4'	11 35.5	-37 57	367	SBab Ri			
NGC 2263	ESO 490-19	Galaxy	CMA	12.1	13.4	2.7'	06 38.5	-24 51	317	SBab Ri			
NGC 4104	UGC 7099	Galaxy	COM	12.1	13.4	2.6'	12 06.6	+28 10	107	SBO			H II 370
NGC 6500	UGC 11048	Galaxy	HER	12.1	13.4	2.2'	17 56.0	+18 20	159	Sab			H III 957;P w NGC 6501 at 3' PA 26
NGC 4087	ESO 505-10	Galaxy	HYA	12.1	13.4	2.1'	12 05.6	-26 31	328	E-SO			H III 754
NGC 2916	UGC 5103	Galaxy	LEO	12.1	13.4	2.5'	09 35.0	+21 42	143	Sb			asym;radial filaments n;term on patchy arc;spir centr
NGC 3434	UGC 5980	Galaxy	LEO	12.1	13.4	2.1'	10 52.0	+03 47	235	Sb			H III 497
NGC 3611	NGC 3604	Galaxy	LEO	12.1	13.4	2'	11 17.5	+04 33	236	Sa			H II 521;comp 3.1' 348;UGC 6305
NGC 3629	UGC 6352	Galaxy	LEO	12.1	13.4	2'	11 20.5	+26 58	146	SBc			H II 338
NGC 2106	ESO 555- 3	Galaxy	LEP	12.1	13.4	2.7'	05 50.8	-21 34	316	SBO			
NGC 3396	UGC 5935	Galaxy	LMI	12.1	13.4	2.9'	10 49.9	+32 59	105	SB			H I 117;P w NGC 3395
NGC 7716	UGC 12702	Galaxy	PSC	12.1	13.4	2.2'	23 36.5	+00 18	259	SBb			
NGC 3549	UGC 6215	Galaxy	UMA	12.1	13.4	3.1'	11 10.9	+53 23	46	Sc			H I 220;nearly edge on flattened oval
NGC 4294	UGC 7407	Galaxy	VIR	12.1	13.4	3.2'	12 21.3	+11 31	193	SBc			H II 61;NGC 4299 6' east
NGC 108	UGC 246	Galaxy	AND	12.1	13.3	2'	00 26.0	+29 13	90	SBO-a			H III 148
NGC 846	NGC 847	Galaxy	AND	12.1	13.3	1.9'	02 12.2	+44 34	62	SBab			
NGC 5188	MCG - 6-30-	Galaxy	CEN	12.1	13.3	3'	13 31.5	-34 48	370	SBbc/P			
NGC 4555	IC 3454	Galaxy	COM	12.1	13.3	1.4'	12 35.7	+26 31	149	Elliptical			H II 343
NGC 3956	ESO 572-13	Galaxy	CRT	12.1	13.3	3.3'	11 54.0	-20 34	327	SBc			H III 290;Nearly edge-on spiral
NGC 5173	UGC 8468	Galaxy	CVN	12.1	13.3	1'	13 28.4	+46 36	76	E0			H III 672;P w NGC 5173 at 5'
NGC 1376	MCG - 1-10-	Galaxy	ERI	12.1	13.3	2.1'	03 37.1	-05 03	222	Sc			H II 288
NGC 1482	ESO 549-33	Galaxy	ERI	12.1	13.3	2.4'	03 54.6	-20 30	312	Sa			H III 962
NGC 7280	UGC 12035	Galaxy	PEG	12.1	13.3	2.1'	22 26.5	+16 09	212	SBO-a			H II 248;spp of 2;UGC 12035
NGC 7711	UGC 12691	Galaxy	PEG	12.1	13.3	2.6'	23 35.7	+15 18	214	SO			H II 244;UGC 12691
NGC 7221	ESO 467-18	Galaxy	PSA	12.1	13.3	2'	22 11.3	-30 34	383	SBbc			
NGC 4682	MCG - 2-33-	Galaxy	VIR	12.1	13.3	2.5'	12 47.3	-10 04	284	SBc			H III 523
NGC 80	UGC 203	Galaxy	AND	12.1	13.2	2.2'	00 21.2	+22 21	126	E-SO			Brightest in group
NGC 7252	ESO 533-15	Galaxy	AQR	12.1	13.2	2.1'	22 20.7	-24 41	347	SBO			H III 458;F extension on west side
NGC 5629	UGC 9281	Galaxy	BOO	12.1	13.2	1.8'	14 28.3	+25 51	152	SO			Brightest in group, incl IC 1018 and IC 1019 both 15 mag
NGC 541	UGC 1004	Galaxy	CET	12.1	13.2	1.8'	01 25.7	-01 23	218	SO			
NGC 4158	UGC 7182	Galaxy	COM	12.1	13.2	2'	12 11.2	+20 11	148	Sb			H II 405
NGC 3571	NGC 3544	Galaxy	CRT	12.1	13.2	3'	11 11.5	-18 17	326	SBa			H II 819
NGC 922	ESO 478-28	Galaxy	FOR	12.1	13.2	2'	02 25.1	-24 47	310	SBc Ring			H III 239
NGC 2274	UGC 3541	Galaxy	GEM	12.1	13.2	2.4'	06 47.3	+33 34	99	Elliptical			H II 615;brightest of 4;disturbed
NGC 6173	UGC 10421	Galaxy	HER	12.1	13.2	1.9'	16 29.8	+40 49	80	E3			H III 640
NGC 3049	UGC 5325	Galaxy	LEO	12.1	13.2	2.2'	09 54.8	+09 16	189	SBab Ri			
NGC 1265	UGC 2651	Galaxy	PER	12.1	13.2	1.8'	03 18.3	+41 51	63	SO			Perseus Cl;comps 2.7';PA246;4.2';PA308
NGC 4458	UGC 7610	Galaxy	VIR	12.1	13.2	1.6'	12 29.0	+13 15	193	Elliptical			Markarian's chain;NGC 4461 @ 3.7' , near M84
NGC 5064	ESO 220- 2	Galaxy	CEN	12.1	13.1	2.4'	13 19.0	-47 55	403	Sb			
NGC 731	NGC 757	Galaxy	CET	12.1	13.1	1.7'	01 54.9	-09 01	264	EO			H III 266
NGC 958	MCG - 1- 7-	Galaxy	CET	12.1	13.1	2.9'	02 30.7	-02 56	220	SBbc			H II 237;Nearly edge-on spiral
NGC 4789	UGC 8028	Galaxy	COM	12.1	13.1	1.9'	12 54.3	+27 04	149	SO			H II 345;P w NGC 4789A @ 5 ' ;NGC 4787 @ 3 '
NGC 1779	MCG - 2-13-	Galaxy	ERI	12.1	13.1	2.5'	05 05.3	-09 09	270	SBO-a			H III 500
NGC 1310	ESO 357-19	Galaxy	FOR	12.1	13.1	1.9'	03 21.1	-37 06	355	SBc			
NGC 6792	UGC 11429	Galaxy	LYR	12.1	13.1	2.2'	19 21.0	+43 08	83	SBb			P w UGC 11430 at 12' PA 11
NGC 6875	ESO 284-28	Galaxy	TEL	12.1	13.1	2.4'	20 13.2	-46 10	411	E6			
NGC 3182	UGC 5568	Galaxy	UMA	12.1	13.1	2.1'	10 19.6	+58 12	45	Sa			H I 265
NGC 5376	UGC 8852	Galaxy	UMA	12.1	13.1	2.1'	13 55.3	+59 30	49	SBab			H I 238;sBN;weak bar
NGC 4795	UGC 8037	Galaxy	VIR	12.1	13.1	1.6'	12 55.0	+08 04	194	SBO-a			H II 21;NGC 4796 superimposed;NGC 4791 @ 4.8'
NGC 788	MCG - 1- 6-	Galaxy	CET	12.1	13	2.2'	02 01.1	-06 49	264	Sa			H II 435
NGC 125	UGC 286	Galaxy	PSC	12.1	13	1.8'	00 28.8	+02 50	216	Sa Ring			H III 869;NGC 128 Group;UGC 268
NGC 3055	UGC 5328	Galaxy	SEX	12.1	13	2.1'	09 55.3	+04 16	234	SBc			vsvBN in sh narrow bar;2 main knotty arms w m branch
NGC 736	UGC 1414	Galaxy	TRI	12.1	13	1.7'	01 56.7	+33 03	92	SO			H II 221?;P w NGC 740
NGC 3259	UGC 5717	Galaxy	UMA	12.1	13	2.2'	10 32.6	+65 02	24	SBbc			H II 870;comp 1.2';PA198;0.3'x0.15';UGC 5717
NGC 5129	UGC 8423	Galaxy	VIR	12.1	13	1.7'	13 24.2	+13 59	195	Elliptical			H II 653;double syst;total m=15.6;brightest in cluster
NGC 4283	UGC 7390	Galaxy	COM	12.1	12.9	1.4'	12 20.3	+29 19	108	Elliptical			Triple chain w NGC 4278 @ 3.6';NGC 4286 @ 5.2'
NGC 1667	NGC 1689	Galaxy	ERI	12.1	12.9	1.8'	04 48.6	-06 19	269	SBc			
NGC 7632	IC 5313	Galaxy	GRU	12.1	12.9	2.4'	23 22.0	-42 29	415	SBO Ring			
NGC 2765	UGC 4791	Galaxy	HYA	12.1	12.9	2.1'	09 07.6	+03 24	232	SO			H II 520
NGC 3692	UGC 6474	Galaxy	LEO	12.1	12.9	3.1'	11 28.4	+09 24	192	Sb			H II 152
NGC 3395	UGC 5931	Galaxy	LMI	12.1	12.9	1.7'	10 49.8	+32 59	105	SBc			H I 116;P w NGC 3396;contact disrupted;brightest of 7

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1122	NGC 1123	Galaxy	PER	12.1	12.9	1.8'	02 52.9	+42 12	63	SBb			
NGC 783	UGC 1497	Galaxy	TRI	12.1	12.9	1.6'	02 01.1	+31 53	92	Sc			
NGC 3888	UGC 6765	Galaxy	UMA	12.1	12.9	1.8'	11 47.6	+55 58	47	SBc			H II 785;comp 3.7';PA30;0.5'X0.4'
NGC 4434	UGC 7571	Galaxy	VIR	12.1	12.9	1.4'	12 27.6	+08 09	193	Elliptical			H II 497
NGC 4915	MCG - 1-33-	Galaxy	VIR	12.1	12.9	1.6'	13 01.5	-04 33	239	Elliptical			H IV 47;NGC 4918 @ 6.3'
NGC 1134	UGC 2365	Galaxy	ARI	12.1	12.8	2.5'	02 53.7	+13 01	175	Sb			;material eject from nucl;splash appearance on w side
NGC 4507	ESO 322-29	Galaxy	CEN	12.1	12.8	1.6'	12 35.6	-39 55	402	SBab Ri			
NGC 227	UGC 456	Galaxy	CET	12.1	12.8	1.5'	00 42.6	-01 32	216	E2			H II 444;UGC 456
NGC 4659	UGC 7915	Galaxy	COM	12.1	12.8	1.8'	12 44.5	+13 30	194	Sa			H II 127
NGC 3483	ESO 438- 1	Galaxy	HYA	12.1	12.8	1.8'	10 59.0	-28 29	366	Sa			
NGC 3067	UGC 5351	Galaxy	LEO	12.1	12.8	2.4'	09 58.4	+32 22	104	SBab			H II 492;B complx bar or lens w B knots & dk lanes
NGC 7625	UGC 12529	Galaxy	PEG	12.1	12.8	1.6'	23 20.5	+17 14	169	Sa			H II 250;UGC 12529;V V 280;Arp 212;III Zw 102
NGC 499	IC 1686	Galaxy	PSC	12.1	12.8	1.7'	01 23.2	+33 28	91	E-SO			H III 158;IC 1686; UGC 926
NGC 6849	ESO 339-32	Galaxy	SGR	12.1	12.8	1.9'	20 06.3	-40 12	411	E-SO Ba			
NGC 4387	UGC 7517	Galaxy	VIR	12.1	12.8	1.7'	12 25.7	+12 49	193	Elliptical			H II 167;NGC 4374 @ 10.5'
NGC 4830	ESO 575-37	Galaxy	VIR	12.1	12.8	1.8'	12 57.5	-19 42	329	E-SO Ba			
NGC 5600	UGC 9220	Galaxy	BOO	12.1	12.7	1.5'	14 23.8	+14 38	197	Sc			H II 177;vB core or N;asym outer arms
NGC 4383	UGC 7507	Galaxy	COM	12.1	12.7	2'	12 25.4	+16 28	193	Sa			comp @ 2.6'
NGC 4595	UGC 7826	Galaxy	COM	12.1	12.7	1.7'	12 39.9	+15 18	194	SBb			H II 632
NGC 6701	UGC 11348	Galaxy	DRA	12.1	12.7	1.5'	18 43.2	+60 39	54	SBa			
NGC 3300	UGC 5766	Galaxy	LEO	12.1	12.7	1.7'	10 36.6	+14 10	190	SBO			H III 55
NGC 3437	UGC 5995	Galaxy	LEO	12.1	12.7	2.6'	10 52.6	+22 56	145	SBc			H II 47
NGC 3413	UGC 5960	Galaxy	LMI	12.1	12.7	1.8'	10 51.3	+32 46	105	SO			H II 493;NGC 3395 group
NGC 641	ESO 244-42	Galaxy	PHE	12.1	12.7	1.4'	01 38.7	-42 32	388	E-SO			
NGC 7130	IC 5135	Galaxy	PSA	12.1	12.7	1.6'	21 48.3	-34 57	383	Sa			
NGC 5480	UGC 9026	Galaxy	UMA	12.1	12.7	1.6'	14 06.4	+50 43	49	Sc			P w NGC 5481 at 3.2;svBN;sev filam branch;arms poor
NGC 4420	NGC 4409	Galaxy	VIR	12.1	12.7	2'	12 27.0	+02 30	238	SBbc			H II 23
NGC 2551	UGC 4362	Galaxy	CAM	12.1	12.6	1.6'	08 24.8	+73 25	7	Sa			B diff N in lens;trace F whirls or dk lanes
NGC 5124	IC 4233	Galaxy	CEN	12.1	12.6	2.2'	13 24.8	-30 19	370	Elliptical			
NGC 5302	ESO 445-43	Galaxy	CEN	12.1	12.6	1.7'	13 48.8	-30 31	371	SBO-a			
NGC 6661	NGC 6660	Galaxy	HER	12.1	12.6	1.8'	18 34.6	+22 55	160	Sa			P w NGC 6658 at 9'
NGC 3203	ESO 500-24	Galaxy	HYA	12.1	12.6	2.8'	10 19.6	-26 42	324	Sa			Lens shaped
NGC 6754	ESO 231-25	Galaxy	TEL	12.1	12.6	1.8'	19 11.4	-50 39	435	SBb			
NGC 4343	UGC 7465	Galaxy	VIR	12.1	12.6	2.3'	12 23.6	+06 57	193	Sb			H III 94;based on UGC and Zwicky
NGC 4790	MCG - 2-33-	Galaxy	VIR	12.1	12.6	1.5'	12 54.9	-10 15	284	SBc			H II 560
IC 2511	IC 2512	Galaxy	ANT	12.1	12.5	2.9'	09 49.4	-32 50	365	SBab			
NGC 2646	UGC 4604	Galaxy	CAM	12.1	12.5	1.5'	08 50.4	+73 28	7	SBO			bright nucleus on faint bar; also identified as IC 520
NGC 4415	UGC 7540	Galaxy	VIR	12.1	12.5	1.4'	12 26.7	+08 26	193	Sa			H III 482
NGC 4528	UGC 7722	Galaxy	VIR	12.1	12.5	1.6'	12 34.1	+11 19	194	SBO			H II 67
NGC 5673	UGC 9347	Galaxy	BOO	12.1	12.4	2.4'	14 31.5	+49 57	77	SBc			H II 696;P w IC 1029 at 9.7' PA 290 2.8'X0.5' 14mag
NGC 5306	MCG - 1-35-	Galaxy	VIR	12.1	12.4	1.4'	13 49.2	-07 13	286	SO			H II 306
NGC 3564	ESO 377-18	Galaxy	CEN	12.1	12.3	1.7'	11 10.6	-37 33	367	SO			
NGC 4645B	ESO 322-60	Galaxy	CEN	12.1	12.3	1.9'	12 43.5	-41 22	402	SBO			
NGC 835	MCG - 2- 6-	Galaxy	CET	12.1	12.3	1.3'	02 09.4	-10 08	264	SBab/P			H II 483;Contact P w NGC 833
NGC 3021	UGC 5280	Galaxy	LMI	12.1	12.3	1.5'	09 51.0	+33 33	104	Sbc			vsvBN;many filam B knotty arms;NGC 3003 at 30 spp
NGC 448	UGC 801	Galaxy	CET	12.1	12.2	1.6'	01 15.3	-01 38	217	E-SO			H II 531
NGC 4215	UGC 7281	Galaxy	VIR	12.1	12.2	1.8'	12 15.9	+06 24	193	Sa			H II 135;edge on lens shape
NGC 4470	NGC 4610	Galaxy	VIR	12.1	12.2	1.3'	12 29.6	+07 49	193	Sa			H II 18
NGC 3595	UGC 6280	Galaxy	UMA	12.1	12.1	1.6'	11 15.4	+47 27	73	E-SO			H III 706
NGC 5307	PK 312+10.1	Pln Neb	CEN	12.1	7.8	15"	13 51.1	-51 12	430	3		14.7	
PK 36- 1.1	Sh2- 71	Pln Neb	AQL	12.2	-	2.6'	19 02.0	+02 09	251	3b(3)		13.8	
NGC 5408	PK 317+19.1	Pln Neb	CEN	12.2	-	114"	14 03.4	-41 23	404	V			
PK 219+31.	Abell 31	Pln Neb	CNC	12.2	-	16.8'	08 54.2	+08 55	187	3a		15.5	
NGC 3562	UGC 6242	Galaxy	DRA	12.2	-	1.7'	11 13.0	+72 53	9	Elliptical			H II 337;comp at 4.9';PA67;0.7'X0.15'
NGC 3575	NGC 3162	Galaxy	LEO	12.2	-	3.1'	10 13.5	+22 44	144	SBbc Ri			
PK 326- 6.1	He2-151	Pln Neb	NOR	12.2	-	3"	16 15.7	-59 54	432			13	
Ton 2		Glob CL	SCO	12.2	-	3.4'	17 36.6	-39 04	408				
Tr 32	Harvard 19	Opn CL	SER	12.2	-	4'	18 17.2	-13 21	294	I 2m :b	50	11.8	
NGC 484	ESO 113-36	Galaxy	TUC	12.2	-	1.9'	01 19.6	-58 32	417	E-SO			
NGC 4119	NGC 4124	Galaxy	VIR	12.2	-	3.9'	12 08.2	+10 23	193	Sa			H II 14
PK 72-17.1	Abell 74	Pln Neb	VUL	12.2	-	13.8'	21 16.8	+24 10	165	2		17.1	
NGC 337A	MCG - 1- 3-	Galaxy	CET	12.2	15.6	6.1'	01 01.6	-07 35	262	SBd			
NGC 2283	ESO 557-13	Galaxy	CMA	12.2	14.6	3.6'	06 45.9	-18 13	318	SBc			H III 271
NGC 6674	UGC 11308	Galaxy	HER	12.2	14.4	4.2'	18 38.6	+25 22	160	SBb			
IC 1558	MCG -04-03	Galaxy	SCL	12.2	14.4	3.3'	00 35.8	-25 23	306	SB			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4653	UGC 7900	Galaxy	VIR	12.2	14.4	3.4'	12 43.9	-00 34	239	SBc			H III 662;NGC 4642 @ 9.6';NGC 4666 @ 20'
NGC 918	UGC 1888	Galaxy	ARI	12.2	14.2	3.5'	02 25.8	+18 30	130	SBc			
NGC 968	UGC 2040	Galaxy	TRI	12.2	14.2	3.6'	02 34.1	+34 29	93	Elliptical			npp of 2;possible SN 1856
NGC 4050	MCG - 3-31-	Galaxy	CRV	12.2	14.1	3'	12 02.9	-16 22	283	SBab			H II 509
IC 764	UA 273	Galaxy	HYA	12.2	14.1	4.8'	12 10.2	-29 44	368	SBc			
NGC 7497	UGC 12392	Galaxy	PEG	12.2	14	4.4'	23 09.1	+18 11	168	SBc			
NGC 4921	UGC 8134	Galaxy	COM	12.2	13.9	2.4'	13 01.4	+27 53	149	SBab			H II 393;SN 1959b
NGC 5205	UGC 8501	Galaxy	UMA	12.2	13.9	3.1'	13 30.1	+62 31	26	Sb			NGC 5218 group
NGC 4488	UGC 7653	Galaxy	VIR	12.2	13.9	3.8'	12 30.9	+08 22	193	SBO-a			H III 484
NGC 910	UGC 1875	Galaxy	AND	12.2	13.7	2'	02 25.4	+41 49	62	SO			H III 571
NGC 677	UGC 1275	Galaxy	ARI	12.2	13.7	2'	01 49.2	+13 03	173	Elliptical			comp@ 2.9' PA324 0.7'x0.5'
NGC 2507	UGC 4172	Galaxy	CNC	12.2	13.7	2.5'	08 01.6	+15 43	185	Sa			H II 554;peculiar;brightest in group;faint outer whirls
NGC 4498	UGC 7669	Galaxy	COM	12.2	13.7	3'	12 31.7	+16 51	193	SBc			H III 69;P w NGC 4489 @ 12.6';comp @ 4.5'
NGC 5012	UGC 8270	Galaxy	COM	12.2	13.7	2.9'	13 11.6	+22 55	150	SBc Ring			H I 85;P w UGC 8290
NGC 7265	UGC 12004	Galaxy	LAC	12.2	13.7	2.4'	22 22.5	+36 13	123	E-SO			
NGC 2770A	UGC 4806	Galaxy	LYN	12.2	13.7	3.7'	09 09.6	+33 07	103	Sc			H II 490;2 nuclei in common envelope
NGC 7171	MCG - 2-56-	Galaxy	AQR	12.2	13.6	2.3'	22 01.0	-13 16	301	SBb			H III 692
NGC 1359	ESO 548-39	Galaxy	ERI	12.2	13.6	2.5'	03 33.8	-19 29	312	SB/P			
NGC 6495	UGC 11034	Galaxy	HER	12.2	13.6	2'	17 54.8	+18 20	159	Elliptical			P w NGC 6490 and UGC 11037 at 6'
NGC 3393	ESO 501-10	Galaxy	HYA	12.2	13.6	2.2'	10 48.4	-25 10	325	SBa			
NGC 5968	ESO 450- 5	Galaxy	LUP	12.2	13.6	2.1'	15 40.0	-30 33	373	SBab			
NGC 2633	UGC 4574	Galaxy	CAM	12.2	13.5	2.3'	08 48.1	+74 06	7	SBb/P			bright bar w dk lanes;2 main arms; Br in grp w N 2634
NGC 175	NGC 171	Galaxy	CET	12.2	13.5	2.1'	00 37.4	-19 56	306	SBab			Theta structure
NGC 545	UGC 1007	Galaxy	CET	12.2	13.5	2.6'	01 26.0	-01 20	218	SO			H II 448;double system in common halo;3C40;
NGC 2789	UGC 4875	Galaxy	CNC	12.2	13.5	2'	09 15.0	+29 44	103	SBO-a			brightest in group
NGC 4152	UGC 7169	Galaxy	COM	12.2	13.5	2.3'	12 10.6	+16 02	193	SBc			H II 83
NGC 2992	MCG - 2-25-	Galaxy	HYA	12.2	13.5	3.7'	09 45.7	-14 20	278	Sa			H III 277;Long streamer extends 2' N
NGC 7155	IC 5143	Galaxy	IND	12.2	13.5	2.3'	21 56.2	-49 31	413	SBO			
NGC 5928	UGC 9847	Galaxy	SER	12.2	13.5	2.2'	15 26.0	+18 04	154	SO			H II 874;P w UGC 9841
NGC 5719	UGC 9462	Galaxy	VIR	12.2	13.5	3.2'	14 40.9	-00 19	243	SBab/P			vBN in bar strong dk lanes on lens and on near side
NGC 3241	ESO 436-16	Galaxy	ANT	12.2	13.4	2.4'	10 24.3	-32 29	366	SBab			
NGC 678	UGC 1280	Galaxy	ARI	12.2	13.4	4.1'	01 49.4	+22 00	128	SBb			H II 228;In NGC 697 group;UGC 1280
NGC 2441	UGC 4036	Galaxy	CAM	12.2	13.4	2'	07 51.9	+73 01	7	SBb Ring			
NGC 4162	UGC 7193	Galaxy	COM	12.2	13.4	2.3'	12 11.9	+24 07	148	Sbc			H II 353
NGC 4525	UGC 7714	Galaxy	COM	12.2	13.4	2.6'	12 33.9	+30 17	108	SBc			H II 325
NGC 3403	UGC 5997	Galaxy	DRA	12.2	13.4	3'	10 53.9	+73 41	8	Sbc			H II 335
NGC 2418	UGC 3931	Galaxy	GEM	12.2	13.4	1.8'	07 36.6	+17 53	139	Elliptical			slightly asym envelope;sev. vfaint companions
NGC 6106	UGC 10328	Galaxy	HER	12.2	13.4	2.4'	16 18.8	+07 25	201	Sc			H II 151;UGC 10328
NGC 6269	UGC 10629	Galaxy	HER	12.2	13.4	2'	16 58.0	+27 51	157	Elliptical			a large number of vf;vS galaxies in vicinity
NGC 7330	UGC 12111	Galaxy	LAC	12.2	13.4	1.8'	22 36.9	+38 33	123	Elliptical			
NGC 3185	UGC 5554	Galaxy	LEO	12.2	13.4	2.1'	10 17.6	+21 41	144	SBbc			NGC 3189-90 group
NGC 3449	ESO 376-25	Galaxy	ANT	12.2	13.3	3.3'	10 52.9	-32 56	366	SBab			
NGC 5641	UGC 9300	Galaxy	BOO	12.2	13.3	2.4'	14 29.3	+28 49	111	SBab			
NGC 2206	ESO 489-26	Galaxy	CMA	12.2	13.3	2.4'	06 16.0	-26 46	317	SBbc			
NGC 2563	UGC 4347	Galaxy	CNC	12.2	13.3	2'	08 20.6	+21 04	141	SO			H II 634;dense part of cl
NGC 2599	UGC 4458	Galaxy	CNC	12.2	13.3	1.9'	08 32.2	+22 34	141	Sa			H III 234
NGC 4332	UGC 7453	Galaxy	DRA	12.2	13.3	2.1'	12 22.8	+65 51	25	SBa			H II 847
NGC 2665	ESO 563-19	Galaxy	HYA	12.2	13.3	2'	08 46.0	-19 18	321	SBa			
IC 2995	ESO 440-50	Galaxy	HYA	12.2	13.3	3'	12 05.8	-27 57	328	SBc			
NGC 3510	UGC 6126	Galaxy	LMI	12.2	13.3	4.1'	11 03.7	+28 53	106	SB			H II 365
NGC 7782	UGC 12834	Galaxy	PSC	12.2	13.3	2.2'	23 53.9	+07 58	170	Sb			H III 233;Brightest of 3
NGC 6000	ESO 450-20	Galaxy	SCO	12.2	13.3	1.9'	15 49.8	-29 23	374	SBbc			
NGC 3269	ESO 375-44	Galaxy	ANT	12.2	13.2	2.4'	10 30.0	-35 13	366	SBO-a F			
NGC 2314	UGC 3677	Galaxy	CAM	12.2	13.2	1.7'	07 10.5	+75 20	7	E1p			
NGC 4622	ESO 322-57	Galaxy	CEN	12.2	13.2	1.7'	12 42.6	-40 45	402	Sa			
NGC 701	MCG - 2- 5-	Galaxy	CET	12.2	13.2	2.6'	01 51.1	-09 42	263	SBc			H I 62
NGC 1107	UGC 2307	Galaxy	CET	12.2	13.2	1.8'	02 49.3	+08 06	175	SO			dbl syst;comp at 3.7';PA137;early spiral
NGC 2271	ESO 490-34	Galaxy	CMA	12.2	13.2	2.1'	06 42.9	-23 29	318	E-SO Ba			
NGC 4310	NGC 4338	Galaxy	COM	12.2	13.2	2.4'	12 22.4	+29 12	108	SBO-a F			H II 378
NGC 6014	IC 4586	Galaxy	SER	12.2	13.2	1.7'	15 56.0	+05 56	200	SO			
NGC 6854	ESO 185-61	Galaxy	TEL	12.2	13.2	2'	20 05.6	-54 23	436	E2			
NGC 661	UGC 1215	Galaxy	TRI	12.2	13.2	1.6'	01 44.2	+28 42	92	SO			H II 610
NGC 4620	UGC 7859	Galaxy	VIR	12.2	13.2	1.8'	12 42.0	+12 57	194	SO			
NGC 2555	UGC 4319	Galaxy	HYA	12.2	13.1	1.9'	08 17.9	+00 45	231	SBab			H III 256
NGC 3052	ESO 566-26	Galaxy	HYA	12.2	13.1	2.1'	09 54.5	-18 38	324	SBc Ring			H III 272

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4955	ESO 443-62	Galaxy	HYA	12.2	13.1	1.9'	13 06.1	-29 45	370	Elliptical			
NGC 6702	UGC 11354	Galaxy	LYR	12.2	13.1	1.9'	18 47.0	+45 42	82	E3			P w NGC 6703 at 10' PA 159
NGC 7702	ESO 192- 9	Galaxy	PHE	12.2	13.1	2.1'	23 35.5	-56 01	416	SBO-a F			lenticular w outer ring
NGC 7764	ESO 293- 4	Galaxy	PHE	12.2	13.1	2'	23 50.9	-40 44	386	SB			
NGC 2899	PK 277-3.1	Pln Neb	VEL	12.2	13.1	2'	09 27.1	-56 06	425			15.9	
NGC 4645A	ESO 322-59	Galaxy	CEN	12.2	13	2.8'	12 43.1	-41 22	402	SBO			
NGC 4832	ESO 323-51	Galaxy	CEN	12.2	13	1.8'	12 57.8	-39 46	402	SO			
NGC 2485	UGC 4112	Galaxy	CMI	12.2	13	1.6'	07 56.8	+07 29	185	Sa			double
NGC 4017	UGC 6967	Galaxy	COM	12.2	13	1.8'	11 58.8	+27 27	147	SBbc			H II 369;UGC 6967;Arp 305b
NGC 4868	UGC 8099	Galaxy	CVN	12.2	13	1.5'	12 59.2	+37 19	108	Sab			H II 644;P w NGC 4914 @ 18.6'
NGC 7339	UGC 12122	Galaxy	PEG	12.2	13	2.8'	22 37.8	+23 47	167	SBbc			H II 234;B cent. bulge w knots .7'X0.25'
NGC 194	UGC 407	Galaxy	PSC	12.2	13	1.6'	00 39.3	+03 02	216	E1			H II 856;Compact;In NGC 182 group;UGC 407
NGC 3658	UGC 6409	Galaxy	UMA	12.2	13	1.8'	11 24.0	+38 34	106	SO			H IV 59;P w NGC 3665
NGC 5653	UGC 9318	Galaxy	BOO	12.2	12.9	1.7'	14 30.2	+31 13	111	Sb Ring			H II 330;vBN;B knotty arms
NGC 5966	UGC 9923	Galaxy	BOO	12.2	12.9	1.8'	15 35.9	+39 46	78	Elliptical			H III 634;IC 4563 at 4' nf spir m=15.1
NGC 4553	ESO 322-30	Galaxy	CEN	12.2	12.9	2.4'	12 36.1	-39 26	402	SBO-a F			
NGC 2267	ESO 426-29	Galaxy	CMA	12.2	12.9	1.7'	06 40.9	-32 29	360	SBO			
NGC 3462	UGC 6034	Galaxy	LEO	12.2	12.9	1.7'	10 55.4	+07 42	190	SO			H II 16;plume;comp 2.8';PA255;0.25'X0.2'
NGC 7267	ESO 405-18	Galaxy	PSA	12.2	12.9	1.6'	22 24.4	-33 42	384	SBa			
NGC 6824	UGC 11470	Galaxy	CYG	12.2	12.8	1.9'	19 43.7	+56 07	55	Sab			H II 878
NGC 2945	ESO 565-28	Galaxy	HYA	12.2	12.8	1.6'	09 37.7	-22 02	323	E-SO			
NGC 4970	IC 4196	Galaxy	HYA	12.2	12.8	1.8'	13 07.6	-24 01	330	SO			H III 765
NGC 7223	UGC 11931	Galaxy	LAC	12.2	12.8	1.7'	22 10.2	+41 01	87	SBc			H III 862;UGC 11931 asym spir w 3 main arms
NGC 7225	ESO 532-33	Galaxy	PSA	12.2	12.8	2'	22 13.1	-26 09	347	Sa Ring			
NGC 4047	UGC 7025	Galaxy	UMA	12.2	12.8	1.2'	12 02.8	+48 38	74	Sbc			H II 741
NGC 4292	UGC 7404;	Galaxy	VIR	12.2	12.8	1.6'	12 21.3	+04 36	238	SBO			comp (Ho 375b;?NGC 4292A?) @ 2.2'
NGC 4476	UGC 7637	Galaxy	VIR	12.2	12.8	1.8'	12 30.0	+12 21	193	E4			H II 123;NGC 4478 @ 4.5'
NGC 547	UGC 1009	Galaxy	CET	12.2	12.7	1.9'	01 26.0	-01 21	218	Elliptical			H II 449;double system (NGC 545) in common halo;
NGC 193	UGC 408	Galaxy	PSC	12.2	12.7	1.4'	00 39.3	+03 20	216	S(B)0			H III 595;Compact;In NGC 182 group;UGC 408
NGC 4270	UGC 7376	Galaxy	VIR	12.2	12.7	2'	12 19.8	+05 28	238	SO			H II 568;In group w NGC 4273 & 4281
NGC 5062	ESO 382-35	Galaxy	CEN	12.2	12.6	2.3'	13 18.4	-35 28	370	SO			
NGC 5220	ESO 383-36	Galaxy	CEN	12.2	12.6	2.4'	13 35.9	-33 27	370	Sa			
NGC 245	UGC 476	Galaxy	CET	12.2	12.6	1.3'	00 46.1	-01 43	216	Sb			H II 445;Peculiar;UGC 476;Mrk 555
NGC 1035	MCG - 1- 7-	Galaxy	CET	12.2	12.6	2.2'	02 39.5	-08 08	265	Sc			H II 284;Nearly edge-on spiral
NGC 4169	UGC 7202	Galaxy	COM	12.2	12.6	1.8'	12 12.3	+29 11	107	SO			H III 358;Brightest in group
NGC 3329	NGC 3397	Galaxy	DRA	12.2	12.6	1.9'	10 44.7	+76 49	8	Sb			brightest in a subgroup of 12 or more galaxies
NGC 2902	MCG - 2-24-	Galaxy	HYA	12.2	12.6	1.6'	09 30.9	-14 44	278	SO			H III 276;IC 543
NGC 7550	UGC 12456	Galaxy	PEG	12.2	12.6	1.4'	23 15.3	+18 58	169	E-SO			H III 181;Brightest in group;Arp 99;UGC 12456
NGC 148	ESO 410-20	Galaxy	SCL	12.2	12.6	2'	00 34.3	-31 47	351	Sa			Spindle shape
NGC 4623	UGC 7862	Galaxy	VIR	12.2	12.6	2.2'	12 42.2	+07 41	194	SBO-a			H II 149
NGC 5037	MCG - 3-34-	Galaxy	VIR	12.2	12.6	2'	13 15.0	-16 35	285	Sa			H II 510;Nearly edge on;13' SSW of NGC 5044
NGC 5489	ESO 271-21	Galaxy	CEN	12.2	12.5	1.5'	14 12.0	-46 05	404	Sa			
IC 5269	ESO 406-32	Galaxy	PSA	12.2	12.5	1.7'	22 57.7	-36 02	384	SBO			np of 2
NGC 4521	NGC 4512	Galaxy	DRA	12.2	12.4	2.5'	12 32.8	+63 56	25	Sa			H II 849;P w NGC 4512
NGC 3652	UGC 6392	Galaxy	UMA	12.2	12.4	2'	11 22.7	+37 46	106	SBc/P			H II 775
NGC 3674	UGC 6444	Galaxy	UMA	12.2	12.4	1.7'	11 26.4	+57 03	46	SO			H II 886
NGC 4483	UGC 7649	Galaxy	VIR	12.2	12.4	1.6'	12 30.7	+09 01	193	SBO-a			
NGC 6928	IC 1326	Galaxy	DEL	12.2	12.3	2.1'	20 32.8	+09 56	209	SBab			Brightest in group;P w NGC 6930 at 4'
NGC 1531	ESO 359-26	Galaxy	ERI	12.2	12.3	1.2'	04 12.0	-32 51	356	E6			P w NGC 1532
NGC 6155	UGC 10385	Galaxy	HER	12.2	12.3	1.3'	16 26.1	+48 22	80	Sc			H II 690
NGC 3458	UGC 6037	Galaxy	UMA	12.2	12.3	1.4'	10 56.0	+57 07	46	SBO			H I 268;NGC 3445 group
NGC 6725	ESO 183-36	Galaxy	TEL	12.2	12.1	2.2'	19 01.9	-53 52	435	SO			
PK 242-11.1	M3- 1	Pln Neb	CMA	12.2	8.3	30.0"	07 02.8	-31 35	361	?(6)		15.5	
NGC 6644	PK 8-7.2	Pln Neb	SGR	12.2	3.9	3"	18 32.6	-25 08	340	2		15.9	
IC 1266	PK 345-8.1	Pln Neb	ARA	12.3	-	13"	17 45.6	-46 05	408	4		11.1	Also Thackeray 1
NGC 2382	NGC 2380	Galaxy	CMA	12.3	-	2.1'	07 23.9	-27 32	319	SBO			
NGC 3760	NGC 3301	Galaxy	LEO	12.3	-	3.3'	10 36.9	+21 53	145	SBO-a			
IC 4599	PK 321+5.1	Pln Neb	SCO	12.3	-	16"	16 19.4	-42 16	406			16.3	
UGC 7577	MCG +07-26	Galaxy	CVN	12.3	14.7	3.9'	12 27.6	+43 29	75	Ir+			P w UGC 7608
UGC 7599	PGC 41020	Galaxy	CVN	12.3	14.7	1.8'	12 28.5	+37 13	108	Sm			
NGC 2595	UGC 4422	Galaxy	CNC	12.3	14.3	3.1'	08 27.7	+21 29	141	SBc			slightly asym spiral pattern;barred w prominent nucl
NGC 7490	UGC 12379	Galaxy	PEG	12.3	14.3	2.7'	23 07.4	+32 23	124	Sbc			
NGC 4411B	NGC 4411-2	Galaxy	VIR	12.3	14.2	2.5'	12 26.8	+08 53	193	SBd			NGC 4411A @ 4.3'
NGC 828	UGC 1655	Galaxy	AND	12.3	14.1	2.9'	02 10.2	+39 11	62	Sap			H II 605;Peculiar
NGC 1085	UGC 2241	Galaxy	CET	12.3	14.1	2.4'	02 46.4	+03 36	220	Sbc			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4861	IC 3961	Galaxy	CVN	12.3	14.1	3.3'	12 59.0	+34 51	108	SB			N 4861 is B emission path SW of IC 3961;Comb m=13
NGC 5311	UGC 8735	Galaxy	CVN	12.3	14.1	2.6'	13 48.9	+39 59	76	Sa			H II 710
UGC 3504	MCG +10-10	Galaxy	LYN	12.3	14.1	3.1'	06 40.1	+60 04	42	S(B)c			
UGC 6903	PGC 37444	Galaxy	VIR	12.3	14.1	2.5'	11 55.7	+01 15	237	S(B)c			
NGC 4444	ESO 268-10	Galaxy	CEN	12.3	14	2.5'	12 28.6	-43 16	402	SBbc R			
NGC 4534	UGC 7723	Galaxy	CVN	12.3	14	2.6'	12 34.1	+35 31	108	Sd			H II 410
NGC 753	UGC 1437	Galaxy	AND	12.3	13.9	2.5'	01 57.7	+35 55	92	SBbc			P w NGC 759
NGC 5023	UGC 8286	Galaxy	CVN	12.3	13.9	5.8'	13 12.2	+44 02	76	Sc			H II 664
NGC 679	UGC 1283	Galaxy	AND	12.3	13.8	2.1'	01 49.7	+35 47	92	SO			H III 175
NGC 5735	UGC 9481	Galaxy	BOO	12.3	13.8	2.4'	14 42.6	+28 44	111	SBbc R			H III 133
NGC 5398	ESO 384-32	Galaxy	CEN	12.3	13.8	2.8'	14 01.4	-33 04	371	SBdmp			
NGC 4183	UGC 7222	Galaxy	CVN	12.3	13.7	5.3'	12 13.3	+43 42	74	Sc			H III 697;SN 1968u
NGC 4221	UGC 7288	Galaxy	DRA	12.3	13.7	2'	12 16.0	+66 14	25	SBO-a			
NGC 7070	ESO 287-28	Galaxy	GRU	12.3	13.7	2.4'	21 30.4	-43 05	413	SBc			
NGC 2857	UGC 5000	Galaxy	UMA	12.3	13.7	2.2'	09 24.6	+49 21	71	Sc			Arp's spiral w low surf brightness;2 very long thin arms
NGC 3972	UGC 6904	Galaxy	UMA	12.3	13.7	3.7'	11 55.8	+55 19	47	SBbc			H II 789;NGC 3977 at 5.3';PA37
NGC 6048	UGC 10124	Galaxy	UMI	12.3	13.7	2.2'	15 57.5	+70 41	28	E2			H II 873;np of 2;UGC 10124
NGC 1211	UGC 2545	Galaxy	CET	12.3	13.6	2.1'	03 06.9	-00 48	221	SBO-a			v smooth transp disc;no spiral pattern
NGC 5145	UGC 8439	Galaxy	CVN	12.3	13.6	2'	13 25.2	+43 16	76	Sb			H II 667;extensive F outer disc
NGC 5440	UGC 8963	Galaxy	CVN	12.3	13.6	3.1'	14 03.0	+34 45	110	Sa			H II 416;NGC 5444 Group;Comp 5' PA 154
NGC 6956	UGC 11619	Galaxy	DEL	12.3	13.6	2'	20 43.9	+12 31	209	SBb			H III 219;Brightest of 3;UGC 11619
NGC 4545	UGC 7747	Galaxy	DRA	12.3	13.6	2.5'	12 34.6	+63 31	25	SBc			H II 850
NGC 1132	UGC 2359	Galaxy	ERI	12.3	13.6	2.5'	02 52.9	-01 17	220	Elliptical			dbl system
NGC 7124	ESO 237- 2	Galaxy	IND	12.3	13.6	2.8'	21 48.1	-50 34	438	SBbc			
NGC 6368	UGC 10856	Galaxy	OPH	12.3	13.6	3.8'	17 27.2	+11 33	203	Sb			
NGC 4522	UGC 7711	Galaxy	VIR	12.3	13.6	3.6'	12 33.7	+09 10	194	SBc			edge on spiral
NGC 5590	NGC 5580	Galaxy	BOO	12.3	13.5	1.8'	14 21.6	+35 12	111	SO			H III 417;P w NGC 5589
NGC 1571	NGC 1570	Galaxy	CAE	12.3	13.5	2'	04 22.1	-43 38	391	Elliptical			
NGC 3573	ESO 377-22	Galaxy	CEN	12.3	13.5	3.6'	11 11.3	-36 53	367	Sa			
NGC 6484	UGC 11010	Galaxy	HER	12.3	13.5	1.9'	17 51.8	+24 29	158	Sb			Brightest of 3
NGC 7361	IC 5237	Galaxy	PSA	12.3	13.5	3.9'	22 42.3	-30 03	384	Sc			Nearly edge-on
NGC 2717	ESO 496-21	Galaxy	PYX	12.3	13.5	2.1'	08 57.0	-24 40	322	E-SO Ba			
NGC 2701	UGC 4695	Galaxy	UMA	12.3	13.5	2.2'	08 59.1	+53 46	44	SBc			bright center;weak bar w dk lanes;knotty spiral arms
NGC 3811	UGC 6650	Galaxy	UMA	12.3	13.5	2.2'	11 41.3	+47 41	74	SBc/P			H II 737;SN 1969c
NGC 4413	NGC 4407	Galaxy	VIR	12.3	13.5	2.3'	12 26.5	+12 37	193	SBab R			H II 169;12' ESE from NGC 4388
NGC 5006	ESO 576- 6	Galaxy	VIR	12.3	13.5	2'	13 11.8	-19 16	330	SBO-a F			
NGC 3244	ESO 317-24	Galaxy	ANT	12.3	13.4	2.1'	10 25.5	-39 50	399	Sc			
NGC 2608	UGC 4484	Galaxy	CNC	12.3	13.4	2.2'	08 35.3	+28 28	102	SBb R			2 asym arms vhigh surf brightn;2* superimposed on bar
NGC 4032	UGC 6995	Galaxy	COM	12.3	13.4	1.9'	12 00.5	+20 04	148	Ir			H II 404
NGC 1507	UGC 2947	Galaxy	ERI	12.3	13.4	3.6'	04 04.5	-02 11	223	SBp			H II 279
NGC 1336	ESO 358- 2	Galaxy	FOR	12.3	13.4	2.1'	03 26.5	-35 43	355	E-SO			
NGC 3336	ESO 437-36	Galaxy	HYA	12.3	13.4	2'	10 40.3	-27 47	325	SBc			
NGC 1106	UGC 2322	Galaxy	PER	12.3	13.4	1.8'	02 50.7	+41 40	63	SO			comps@ 1.7';PA349;3.7';PA29
NGC 1171	UGC 2510	Galaxy	PER	12.3	13.4	2.7'	03 04.0	+43 24	63	Sc			comp 3.8';PA21;3.8';PA344
NGC 6004	UGC 10056	Galaxy	SER	12.3	13.4	1.8'	15 50.4	+18 56	155	SBc			sev F gals near
NGC 6870	ESO 233-41	Galaxy	TEL	12.3	13.4	2.6'	20 10.2	-48 17	411	Sab			
NGC 3677	UGC 6441	Galaxy	UMA	12.3	13.4	1.6'	11 26.3	+46 58	73	Sa			sp of 2
NGC 4771	UGC 8020	Galaxy	VIR	12.3	13.4	3.8'	12 53.3	+01 16	239	Scd			H II 535;edge on
NGC 5211	UGC 8530	Galaxy	VIR	12.3	13.4	2.1'	13 33.1	-01 02	240	SBab			similar to NGC 210
NGC 5577	UGC 9187	Galaxy	VIR	12.3	13.4	3.2'	14 21.2	+03 26	242	Sbc Ring			sBN;v fine arms;NGC 5576 group
NGC 7080	UGC 11756	Galaxy	VUL	12.3	13.4	1.8'	21 30.0	+26 43	165	SBb			
NGC 4014	NGC 4028	Galaxy	COM	12.3	13.3	2.2'	11 58.6	+16 11	192	Sa			
NGC 4344	UGC 7468	Galaxy	COM	12.3	13.3	1.4'	12 23.6	+17 32	148	SBO			H III 31;Ho 390b @ 1.7' is a *
NGC 5380	UGC 8870	Galaxy	CVN	12.3	13.3	1.9'	13 56.9	+37 37	110	Sa			H II 698;P w NGC 5378 at 11'
NGC 5406	UGC 8925	Galaxy	CVN	12.3	13.3	1.9'	14 00.3	+38 55	110	SBbc			H II 699
NGC 1620	UGC 3103	Galaxy	ERI	12.3	13.3	2.9'	04 36.6	-00 09	224	Sc			H II 514
NGC 7070A	ESO 287-34	Galaxy	GRU	12.3	13.3	2.1'	21 31.8	-42 51	413	Sa			
NGC 7426	UGC 12256	Galaxy	LAC	12.3	13.3	1.7'	22 56.1	+36 22	123	Elliptical			H III 576;UGC 12256
NGC 3094	UGC 5390	Galaxy	LEO	12.3	13.3	2'	10 01.4	+15 46	189	SBa			
NGC 3786	UGC 6621	Galaxy	UMA	12.3	13.3	2.1'	11 39.7	+31 54	106	SBap			P w NGC 3788 at 1.5'
NGC 5481	UGC 9029	Galaxy	UMA	12.3	13.3	1.4'	14 06.7	+50 43	49	E-SO			H II 693;P w NGC 5480
NGC 3749	ESO 320- 8	Galaxy	CEN	12.3	13.2	3.2'	11 35.9	-38 00	367	Sa			
NGC 2592	UGC 4411	Galaxy	CNC	12.3	13.2	1.7'	08 27.1	+25 58	141	Elliptical			brightest of 3;in triple group w 2594 and NGC 2481
NGC 2798	UGC 4905	Galaxy	LYN	12.3	13.2	2.8'	09 17.4	+42 00	71	SBap			bright bar;2 smooth faint arms;knots;Nearly edge-on
NGC 5956	UGC 9908	Galaxy	SER	12.3	13.2	1.6'	15 35.0	+11 45	199	Sc			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 969	UGC 2039	Galaxy	TRI	12.3	13.2	1.7'	02 34.1	+32 57	93	SO			P w NGC 974
NGC 2629	UGC 4569	Galaxy	UMA	12.3	13.2	2.3'	08 47.3	+72 59	7	SO			H III 982
NGC 5443	UGC 8958	Galaxy	UMA	12.3	13.2	2.7'	14 02.2	+55 49	49	SBb			H II 799
NGC 5691	UGC 9420	Galaxy	VIR	12.3	13.2	2'	14 37.9	-00 24	242	SBap			vB bar or core;one smooth;massive outer whorls;
NGC 214	UGC 438	Galaxy	AND	12.3	13.1	1.9'	00 41.5	+25 30	126	SBc			H II 209;UGC 438
NGC 4729	ESO 323-16	Galaxy	CEN	12.3	13.1	1.5'	12 51.8	-41 08	402	Elliptical			Herschel's position was approximate only
NGC 5362	UGC 8835	Galaxy	CVN	12.3	13.1	2.2'	13 54.9	+41 19	76	Sb			H II 671;short streamer s or superimp comp?
NGC 4108	UGC 7101	Galaxy	DRA	12.3	13.1	1.7'	12 06.7	+67 10	25	Sc			w NGC 4108A;B
NGC 4133	UGC 7127	Galaxy	DRA	12.3	13.1	1.8'	12 08.8	+74 54	9	SBb			H I 278
NGC 3070	UGC 5350	Galaxy	LEO	12.3	13.1	1.5'	09 58.1	+10 22	189	Elliptical			H II 59;comp 4.2';PA88;0.6'X0.3';IC 580 at 5.1';PA330
NGC 3598	UGC 6278	Galaxy	LEO	12.3	13.1	1.8'	11 15.2	+17 16	146	E-SO			P w NGC 3592
NGC 3512	UGC 6128	Galaxy	LMI	12.3	13.1	1.5'	11 04.0	+28 02	106	SBc			H II 366;P w NGC 3504
NGC 2649	UGC 4555	Galaxy	LYN	12.3	13.1	1.5'	08 44.1	+34 43	102	SBbc			H II 727
NGC 7768	UGC 12806	Galaxy	PEG	12.3	13.1	1.6'	23 51.0	+27 09	125	Elliptical			
NGC 7771	UGC 12815	Galaxy	PEG	12.3	13.1	2.4'	23 51.4	+20 07	125	SBa			H II 231;disturbed;NGC 7769 group;UGC 12815
NGC 3668	UGC 6430	Galaxy	UMA	12.3	13.1	1.7'	11 25.5	+63 27	25	Sbc			H II 845
NGC 5218	UGC 8529	Galaxy	UMA	12.3	13.1	1.8'	13 32.2	+62 46	26	SBb/P			H II 842;Long bridge;plume Seyfert;P w NGC 5216
NGC 97	UGC 216	Galaxy	AND	12.3	13	1.5'	00 22.5	+29 45	90	Elliptical			Compact
NGC 4455	UGC 7603	Galaxy	COM	12.3	13	2.6'	12 28.7	+22 49	148	SBcd			H II 355;Nearly edge-on spiral
NGC 3332	NGC 3342	Galaxy	LEO	12.3	13	1.4'	10 40.5	+09 11	190	E-SO			H I 272?
NGC 3659	UGC 6405	Galaxy	LEO	12.3	13	2.3'	11 23.8	+17 49	146	SB			H II 53
NGC 5605	MCG - 2-37-	Galaxy	LIB	12.3	13	1.5'	14 25.1	-13 10	287	SBc			H III 120
NGC 5915	MCG - 2-39-	Galaxy	LIB	12.3	13	1.6'	15 21.6	-13 06	289	SBab			
NGC 5843	ESO 387- 4	Galaxy	LUP	12.3	13	1.9'	15 07.5	-36 20	373	SBb			
NGC 3156	UGC 5503	Galaxy	SEX	12.3	13	1.9'	10 12.7	+03 08	234	SO			H III 255;NGC 3166 group
NGC 3320	UGC 5794	Galaxy	UMA	12.3	13	2.2'	10 39.6	+47 24	72	SBc			H II 745;UGC 5794
NGC 4193	IC 3051	Galaxy	VIR	12.3	13	2.2'	12 13.9	+13 10	193	SBbc			H II 163
NGC 687	UGC 1298	Galaxy	AND	12.3	12.9	1.4'	01 50.6	+36 22	92	SO			H III 561
NGC 3084	IC 2528	Galaxy	ANT	12.3	12.9	1.7'	09 59.1	-27 08	324	SBab Ri			
NGC 7302	IC 5228	Galaxy	AQR	12.3	12.9	2.1'	22 32.4	-14 07	302	E-SO			H IV 31
IC 334	UGC 2824	Galaxy	CAM	12.3	12.9	3.7'	03 45.3	+76 38	5	Pec			
NGC 3568	ESO 377-20	Galaxy	CEN	12.3	12.9	2.5'	11 10.8	-37 27	367	SBc			
NGC 1341	ESO 358- 8	Galaxy	FOR	12.3	12.9	1.6'	03 28.0	-37 09	355	SBab			Fornax Galaxy Cluster member
NGC 2697	MCG 0-23-	Galaxy	HYA	12.3	12.9	1.8'	08 55.0	-02 59	232	Sa			
UGC 11909	PGC 68029	Galaxy	LAC	12.3	12.9	3'	22 06.3	+47 15	87	S pec			
NGC 3287	UGC 5742	Galaxy	LEO	12.3	12.9	2'	10 34.8	+21 39	145	SBcd			P w NGC 3301
NGC 3689	UGC 6467	Galaxy	LEO	12.3	12.9	1.7'	11 28.2	+25 40	147	SBc			H II 339;comp at 4.7';PA347;0.4'X0.1'
NGC 2179	ESO 555-38	Galaxy	LEP	12.3	12.9	2'	06 08.0	-21 45	316	SBO-a			
NGC 5756	MCG - 2-38-	Galaxy	LIB	12.3	12.9	2.3'	14 47.6	-14 51	288	SBbc			
NGC 5937	MCG 0-40-	Galaxy	SER	12.3	12.9	1.9'	15 30.8	-02 50	244	Sb			H II 401
NGC 5770	UGC 9575	Galaxy	VIR	12.3	12.9	1.7'	14 53.2	+03 58	243	SBO			H II 576;comp 2 ';PA178;0.9'X0.5';v dif;dwarf
NGC 2591	UGC 4472	Galaxy	CAM	12.3	12.8	3'	08 37.4	+78 02	7	Sc			patchy;probably late Sc
NGC 6395	UGC 10876	Galaxy	DRA	12.3	12.8	2.4'	17 26.5	+71 06	30	Scp			
NGC 2644	UGC 4533	Galaxy	HYA	12.3	12.8	2.1'	08 41.5	+04 59	231	Sc			strongly asym.;spiral arcs north;filaments south
NGC 3605	UGC 6295	Galaxy	LEO	12.3	12.8	1.4'	11 16.8	+18 01	146	Elliptical			H III 27;NGC 3607 nf
NGC 7386	UGC 12209	Galaxy	PEG	12.3	12.8	1.8'	22 50.0	+11 42	213	SO			H III 217
NGC 632	UGC 1157	Galaxy	PSC	12.3	12.8	1.5'	01 37.3	+05 53	173	SO			
NGC 6890	ESO 284-54	Galaxy	SGR	12.3	12.8	1.6'	20 18.3	-44 48	411	SBb			
NGC 669	UGC 1248	Galaxy	TRI	12.3	12.8	3.1'	01 47.3	+35 34	92	Sab			
NGC 6338	UGC 10784	Galaxy	DRA	12.3	12.7	1.5'	17 15.4	+57 25	52	SO			H II 812;Brightest in group;UGC 10784
NGC 7469	UGC 12332	Galaxy	PEG	12.3	12.7	1.4'	23 03.3	+08 52	213	SBa			H III 230;Seyfert;UGC 12332
NGC 5546	UGC 9148	Galaxy	BOO	12.3	12.6	1.3'	14 18.2	+07 34	197	Elliptical			H III 551;NGC 5543 at 3.5'
NGC 4515	UGC 7701	Galaxy	COM	12.3	12.6	1.4'	12 33.1	+16 16	194	E-SO			H II 93
NGC 1401	ESO 482-26	Galaxy	ERI	12.3	12.6	2.4'	03 39.4	-22 44	312	SBO			H III 247
NGC 4993	NGC 4994	Galaxy	HYA	12.3	12.6	1.3'	13 09.8	-23 23	330	E-SO Ba			H III 766
NGC 3278	ESO 317-43	Galaxy	ANT	12.3	12.4	1.3'	10 31.6	-39 57	399	Sc			
NGC 6906	UGC 11548	Galaxy	AQL	12.3	12.4	1.6'	20 23.6	+06 27	208	SBbc			
NGC 5534	MCG - 1-36-	Galaxy	VIR	12.3	12.4	1.4'	14 17.7	-07 25	287	SBab			
NGC 1625	MCG - 1-12-	Galaxy	ERI	12.3	12.2	2.1'	04 37.1	-03 18	224	SBb			Two other dim edge-on galaxies in field of Nu Eri
NGC 3838	UGC 6707	Galaxy	UMA	12.3	12.2	1.4'	11 44.2	+57 57	47	Sa			H II 831
NGC 2350	UGC 3747	Galaxy	CMI	12.3	12.1	1.4'	07 13.2	+12 16	184	Sa			
NGC 6337	PK 349-1.1	Pln Neb	SCO	12.3	11.6	38"	17 22.3	-38 29	376	4		14.8	
PK 264-12.1	He2- 5	Pln Neb	CAR	12.3	5.8	3.0"	07 47.4	-51 16	424			14.7	
NGC 6749	GCL 107	Glob CL	AQL	12.4	-	6.3'	19 05.3	+01 54	251				Globular absorbed by 7 mags;
PK 31-10.1	M3-34	Pln Neb	AQL	12.4	-	6"	19 27.1	-06 35	296	2		16.3	

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2191	ESO 160-14	Galaxy	CAR	12.4	-	1.7'	06 08.4	-52 31	422	SBO			
PK 288+ 0.1	Hoffleit 38	Pln Neb	CAR	12.4	-	30"	10 54.6	-59 10	427	4			Ring shape
NGC 50	MCG - 1- 1-	Galaxy	CET	12.4	-	2.4'	00 14.7	-07 21	260	E-SO			
NGC 7581	MCG+01-59	Galaxy	PSC	12.4	-	3.5'	23 14.8	+04 32	259	Sc			B narrow bar .55'X0.5'
NGC 4204	UGC 7261	Galaxy	COM	12.4	14.8	3.6'	12 15.2	+20 40	148	SBd			H III 397
NGC 3733	UGC 6554	Galaxy	UMA	12.4	14.8	4.9'	11 35.0	+54 51	47	SBc			tri chain w NGC 3738 at 20.9' and NGC 3756 at 16.4'
NGC 600	MCG - 1- 5-	Galaxy	CET	12.4	14.6	3.7'	01 33.1	-07 19	263	SBcd Ring			H III 432
UGC 6983	PGC 37735	Galaxy	UMA	12.4	14.6	3.4'	11 59.2	+52 42	47	SB(rs)cd			
NGC 3930	UGC 6833	Galaxy	UMA	12.4	14.4	3'	11 51.8	+38 01	107	SBc			H III 616;comp 3.3';PA75;0.6'X0.4'
UGC 4841	MCG +12-09	Galaxy	CAM	12.4	14.3	2.8'	09 14.8	+74 14	8	S(B)d			Ho III
IC 2166	UGC 3463	Galaxy	LYN	12.4	14.3	3'	06 26.9	+59 05	41	SBbc			
NGC 1167	UGC 2487	Galaxy	PER	12.4	14.3	2.8'	03 01.7	+35 12	94	SO			H III 178
NGC 4701	UGC 7975	Galaxy	VIR	12.4	14.2	3.1'	12 49.2	+03 23	239	Sc			H II 578
NGC 4627	UGC 7860	Galaxy	CVN	12.4	14.1	2.2'	12 42.0	+32 34	108	Elliptical			H II 659;P w NGC 4631 @ 2.5'
NGC 941	UGC 1954	Galaxy	CET	12.4	14	2.7'	02 28.5	-01 09	220	SBc			H III 261;P w NGC 936
UGC 8320	MCG +08-24	Galaxy	CVN	12.4	14	3.8'	13 14.4	+45 55	76	Ir+			
NGC 4357	NGC 4381	Galaxy	CVN	12.4	13.9	3.7'	12 24.0	+48 47	74	Sbc			
NGC 5063	ESO 382-36	Galaxy	CEN	12.4	13.8	2.3'	13 18.4	-35 21	370	Sa Ring			
NGC 4625	IC 3675	Galaxy	CVN	12.4	13.8	2.3'	12 41.9	+41 16	75	SB pec			P w NGC 4618 @ 8.3';H II 660
NGC 2532	UGC 4256	Galaxy	LYN	12.4	13.8	2.1'	08 10.3	+33 57	101	SBc			H II 726;sev br knotty arms;high surf br
IC 749	UGC 6962	Galaxy	UMA	12.4	13.8	2.3'	11 58.6	+42 44	74	SBc Ring			P w IC 750;3.3' distant
IC 749	UGC 6962	Galaxy	UMA	12.4	13.8	2.3'	11 58.6	+42 44	74	SBc Ring			P w IC 750;3.3' distant
NGC 7052	UGC 11718	Galaxy	VUL	12.4	13.8	2.5'	21 18.6	+26 27	165	Elliptical			H III 145
NGC 5874	UGC 9736	Galaxy	BOO	12.4	13.7	2.3'	15 07.9	+54 45	50	SBbc			
NGC 4747	UGC 8005	Galaxy	COM	12.4	13.7	3.3'	12 51.8	+25 46	149	SBcd			H II 344;P w NGC 4725 @ 24 ' ;filam to NE
NGC 2337	UGC 3711	Galaxy	LYN	12.4	13.7	2.3'	07 10.2	+44 27	68	Ir			
NGC 4330	UGC 7456	Galaxy	VIR	12.4	13.7	4.5'	12 23.3	+11 22	193	Sc			
NGC 4779	UGC 8022	Galaxy	VIR	12.4	13.7	2.1'	12 53.8	+09 43	194	SBbc			H III 106
NGC 5784	UGC 9592	Galaxy	BOO	12.4	13.6	1.9'	14 54.3	+42 33	78	SO			UGC 9585 at 4.4';PA274 -- UGC 9585 m=16 : 1.1'X0.5'
NGC 59	ESO 539- 4	Galaxy	CET	12.4	13.6	2.6'	00 15.4	-21 27	305	E-SO			
NGC 881	MCG - 1- 6-	Galaxy	CET	12.4	13.6	2.3'	02 18.8	-06 38	264	Sc Ring			H II 436
UGC 4393	MCG +08-16	Galaxy	LYN	12.4	13.6	2.5'	08 26.1	+45 58	70	SB			
NGC 7154	ESO 404- 8	Galaxy	PSA	12.4	13.6	2.2'	21 55.4	-34 49	383	SB			
NGC 182	UGC 382	Galaxy	PSC	12.4	13.6	1.9'	00 38.2	+02 44	216	SBa			H III 870;Brightest in group;UGC 382
NGC 959	UGC 2002	Galaxy	TRI	12.4	13.6	2.3'	02 32.4	+35 30	93	Sd			v patchy
NGC 3891	UGC 6772	Galaxy	UMA	12.4	13.6	2'	11 48.1	+30 22	107	Sbc			H II 723
NGC 4079	UGC 7067	Galaxy	VIR	12.4	13.6	2.3'	12 04.8	-02 23	238	Sbc			
NGC 5338	UGC 8800	Galaxy	VIR	12.4	13.6	2.5'	13 53.4	+05 12	241	SBO			v lg grp of S F galaxies nr mbrs of CGCG cl
NGC 990	UGC 2089	Galaxy	ARI	12.4	13.5	1.8'	02 36.3	+11 39	175	Elliptical			H III 557
NGC 5875	UGC 9745	Galaxy	BOO	12.4	13.5	2.3'	15 09.2	+52 32	50	Sb			H II 755;comp 3.1';PA190;0.3'X0.2';F;dif
NGC 1572	ESO 303-14	Galaxy	CAE	12.4	13.5	2.4'	04 22.7	-40 36	391	SBa			
NGC 2619	UGC 4503	Galaxy	CNC	12.4	13.5	2.3'	08 37.5	+28 42	102	SBbc			H II 319;many very thin arms
NGC 6239	UGC 10577	Galaxy	HER	12.4	13.5	2.4'	16 50.1	+42 44	80	SBb			H III 727;bright bar;UGC 10577
NGC 6555	UGC 11121	Galaxy	HER	12.4	13.5	2.1'	18 07.8	+17 36	159	SBc			H II 902
NGC 2943	UGC 5136	Galaxy	LEO	12.4	13.5	2.2'	09 38.5	+17 02	143	Elliptical			brightest in group;several comps
NGC 3106	UGC 5419	Galaxy	LMI	12.4	13.5	1.8'	10 04.1	+31 11	104	SO Ring			H II 320;comp at 5.6' f;0.2'X0.2';compact;mag 15.7
NGC 4335	UGC 7455	Galaxy	UMA	12.4	13.5	1.9'	12 23.0	+58 27	47	Elliptical			H II 806;SN 1955e
NGC 233	UGC 464	Galaxy	AND	12.4	13.4	1.7'	00 43.6	+30 35	90	Elliptical			H III 149
NGC 536	UGC 1013	Galaxy	AND	12.4	13.4	3'	01 26.4	+34 42	91	SBb			H III 171;UGC 1013
NGC 776	UGC 1471	Galaxy	ARI	12.4	13.4	1.7'	01 59.9	+23 39	129	SBb			
NGC 924	UGC 1912	Galaxy	ARI	12.4	13.4	2.3'	02 26.8	+20 30	130	SO			H III 474;sp of 2;NGC 932 group
NGC 5859	UGC 9728	Galaxy	BOO	12.4	13.4	3'	15 07.6	+19 35	153	SBbc			H II 752;P w NGC 5857 at 2 '
NGC 1137	UGC 2374	Galaxy	CET	12.4	13.4	2.2'	02 54.0	+02 58	220	Sb			
NGC 2365	UGC 3821	Galaxy	GEM	12.4	13.4	2.4'	07 22.4	+22 05	139	SBa			nfn of 2
NGC 7014	ESO 286-57	Galaxy	IND	12.4	13.4	1.7'	21 07.9	-47 11	412	Elliptical			
NGC 3248	UGC 5669	Galaxy	LEO	12.4	13.4	2.5'	10 27.8	+22 51	145	SO			H II 347
NGC 3812	UGC 6648	Galaxy	LEO	12.4	13.4	1.7'	11 41.1	+24 49	147	Elliptical			H III 320;NGC 3815 at 6.7';PA100
NGC 7515	UGC 12418	Galaxy	PEG	12.4	13.4	1.7'	23 12.8	+12 41	214	Sc			H III 220
NGC 3921	UGC 6823	Galaxy	UMA	12.4	13.4	2.1'	11 51.1	+55 05	47	Sa			H II 788;vB core 0.45'X0.35';UGC 6823
NGC 3995	UGC 6944	Galaxy	UMA	12.4	13.4	2.6'	11 57.7	+32 18	107	SB			multiple sys w NGC 3991;3994
NGC 4480	UGC 7647	Galaxy	VIR	12.4	13.4	2.2'	12 30.4	+04 15	238	SBc			
NGC 6926	UGC 11588	Galaxy	AQL	12.4	13.3	2'	20 33.1	-02 02	254	SBc/P			H III 142;Distorted;UGC 11588
NGC 7416	MCG - 1-58-	Galaxy	AQR	12.4	13.3	3.2'	22 55.7	-05 30	258	SBb			
NGC 1056	UGC 2183	Galaxy	ARI	12.4	13.3	2.4'	02 42.8	+28 34	93	Sa			H III 584;v lge nucl bulge;strong abs along edge
NGC 5633	UGC 9271	Galaxy	BOO	12.4	13.3	2.1'	14 27.5	+46 09	77	Sb			H I 185;neutral Sb

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 6278	UGC 10656	Galaxy	HER	12.4	13.3	2.1'	17 00.8	+23 01	157	SO			H III 124;P w NGC 6276 & 6277;UGC 10656
NGC 1705	ESO 158-13	Galaxy	PIC	12.4	13.3	1.9'	04 54.2	-53 22	421	SOp			
NGC 3394	UGC 5937	Galaxy	UMA	12.4	13.3	1.9'	10 50.7	+65 44	24	Sc Ring			H II 872;sp of 2
NGC 4416	UGC 7541	Galaxy	VIR	12.4	13.3	1.7'	12 26.8	+07 55	193	SBc			
NGC 2347	UGC 3759	Galaxy	CAM	12.4	13.2	1.8'	07 16.1	+64 43	21	Sb			H III 746;traces faint roundness
NGC 4679	ESO 322-82	Galaxy	CEN	12.4	13.2	1.6'	12 47.5	-39 34	402	SBc			
NGC 6434	UGC 10934	Galaxy	DRA	12.4	13.2	2.3'	17 36.8	+72 05	30	SBbc			H III 741
NGC 1315	ESO 548- 3	Galaxy	ERI	12.4	13.2	1.6'	03 23.1	-21 23	311	SBO-a			
NGC 686	ESO 477- 6	Galaxy	FOR	12.4	13.2	1.7'	01 48.9	-23 48	308	E-SO			H III 459
NGC 1217	ESO 300-10	Galaxy	FOR	12.4	13.2	1.8'	03 06.1	-39 02	390	Sa			
NGC 5182	ESO 444-62	Galaxy	HYA	12.4	13.2	1.9'	13 30.7	-28 09	370	SBbc			
NGC 7722	UGC 12718	Galaxy	PEG	12.4	13.2	2.1'	23 38.7	+15 57	214	Sa			
NGC 1278	IC 1907	Galaxy	PER	12.4	13.2	1.4'	03 19.9	+41 34	63	E2p			Persus Cl ;sf of 2;disturbed. Comp: NGC 1275,1277
NGC 4276	UGC 7385	Galaxy	VIR	12.4	13.2	1.6'	12 20.1	+07 41	193	SBc			
NGC 5345	UGC 8820	Galaxy	VIR	12.4	13.2	1.6'	13 54.2	-01 26	241	Sa			H II 686
NGC 5560	UGC 9172	Galaxy	VIR	12.4	13.2	3.6'	14 20.1	+04 00	242	SBb/P			bar: extends of arms;distort by 5566
NGC 7341	ESO 534-11	Galaxy	AQR	12.4	13.1	2.4'	22 39.1	-22 40	347	SBab Ri			
NGC 938	UGC 1947	Galaxy	ARI	12.4	13.1	1.6'	02 28.6	+20 17	130	Elliptical			NGC 932 group
NGC 5520	UGC 9097	Galaxy	BOO	12.4	13.1	2'	14 12.4	+50 21	49	Sb			H III 676
NGC 4946	ESO 269-45	Galaxy	CEN	12.4	13.1	1.6'	13 05.5	-43 36	402	Elliptical			
NGC 2545	UGC 4287	Galaxy	CNC	12.4	13.1	2.2'	08 14.2	+21 21	140	SBab Ri			one-arm spiral from inr loop;F smooth bar;F out arms
NGC 4479	UGC 7646	Galaxy	COM	12.4	13.1	1.6'	12 30.3	+13 35	193	SBO			H II 116
NGC 4952	NGC 4962	Galaxy	COM	12.4	13.1	1.3'	13 05.0	+29 07	109	Elliptical			H II 396
NGC 4756	MCG - 2-33-	Galaxy	CRV	12.4	13.1	1.7'	12 52.9	-15 25	284	E-SO			H III 281
NGC 4956	UGC 8177	Galaxy	CVN	12.4	13.1	1.5'	13 05.0	+35 11	109	SO			H II 413
NGC 1752	MCG - 1-13-	Galaxy	ERI	12.4	13.1	2.6'	05 02.2	-08 14	269	SBc			
NGC 2960	UGC 5159	Galaxy	HYA	12.4	13.1	1.8'	09 40.6	+03 35	233	Sa			
NGC 3606	ESO 377-32	Galaxy	HYA	12.4	13.1	1.5'	11 16.3	-33 50	367	Elliptical			
NGC 2939	UGC 5134	Galaxy	LEO	12.4	13.1	2.5'	09 38.1	+09 31	188	Sbc			H III 4;brightest of 3
NGC 2954	UGC 5155	Galaxy	LEO	12.4	13.1	1.7'	09 40.4	+14 55	188	Elliptical			
NGC 3768	UGC 6589	Galaxy	LEO	12.4	13.1	1.8'	11 37.2	+17 50	147	SO			H III 29
NGC 1993	ESO 554-14	Galaxy	LEP	12.4	13.1	1.5'	05 35.4	-17 49	315	E-SO			H III 269
NGC 2073	ESO 554-31	Galaxy	LEP	12.4	13.1	1.5'	05 45.9	-22 00	316	E-SO			H III 241
NGC 3424	UGC 5972	Galaxy	LMI	12.4	13.1	2.7'	10 51.8	+32 54	105	SBb			H II 494;NGC 3395 group
NGC 6675	UGC 11305	Galaxy	LYR	12.4	13.1	1.8'	18 37.4	+40 03	82	Sbc			
NGC 7137	UGC 11815	Galaxy	PEG	12.4	13.1	1.6'	21 48.2	+22 10	166	SBc			H II 261
NGC 7720	UGC 12716	Galaxy	PEG	12.4	13.1	1.6'	23 38.5	+27 02	169	Elliptical			H III 146;3C465;E + comp symbiotic
NGC 1930	ESO 253- 4	Galaxy	PIC	12.4	13.1	1.9'	05 25.9	-46 44	393	SBO			
NGC 383	UGC 689	Galaxy	PSC	12.4	13.1	2'	01 07.4	+32 25	91	SO			Brightest in group;8 galaxies in chain
NGC 693	UGC 1304	Galaxy	PSC	12.4	13.1	2.2'	01 50.5	+06 09	173	Sa			H II 859;NGC 676 group
NGC 3266	UGC 5725	Galaxy	UMA	12.4	13.1	1.4'	10 33.3	+64 45	24	SBO			H II 871
NGC 3657	UGC 6406	Galaxy	UMA	12.4	13.1	1.7'	11 23.9	+52 55	46	SBc/P			H III 768
NGC 4085	UGC 7075	Galaxy	UMA	12.4	13.1	2.5'	12 05.4	+50 21	47	SBc			H I 224;P w NGC 4088;UGC 7075;Ho 326b
NGC 5125	UGC 8421	Galaxy	VIR	12.4	13.1	1.7'	13 24.0	+09 43	195	Sb			np of 2
NGC 723	NGC 724	Galaxy	CET	12.4	13	1.5'	01 53.8	-23 45	309	Sbc			
NGC 2577	UGC 4367	Galaxy	CNC	12.4	13	1.8'	08 22.7	+22 33	141	SO			H II 259
NGC 3636	MCG - 2-29-	Galaxy	CRT	12.4	13	1.7'	11 20.4	-10 17	281	Elliptical			H II 550
NGC 857	ESO 415- 6	Galaxy	FOR	12.4	13	1.5'	02 12.6	-31 57	353	SO			
NGC 1375	ESO 358-24	Galaxy	FOR	12.4	13	2.3'	03 35.3	-35 16	355	SBO			
NGC 6987	ESO 235-21	Galaxy	IND	12.4	13	1.4'	20 58.2	-48 38	412	Elliptical			
NGC 7002	ESO 235-43	Galaxy	IND	12.4	13	1.5'	21 03.8	-49 02	412	Elliptical			
NGC 3853	UGC 6712	Galaxy	LEO	12.4	13	1.6'	11 44.5	+16 33	192	Elliptical			nff of 2;comp 1.3';PA252;0.4'X0.3'
NGC 1819	UGC 3265	Galaxy	ORI	12.4	13	1.7'	05 11.8	+05 12	225	SBO			
NGC 517	UGC 960	Galaxy	PSC	12.4	13	2'	01 24.7	+33 26	91	SO			H III 168;UGC 960
NGC 2756	UGC 4796	Galaxy	UMA	12.4	13	1.7'	09 09.0	+53 51	44	Sb			H II 828
NGC 5088	MCG - 2-34-	Galaxy	VIR	12.4	13	2.7'	13 20.3	-12 34	285	Sbc			13' ENE from NGC 5077
NGC 5329	UGC 8771	Galaxy	VIR	12.4	13	1.3'	13 52.2	+02 20	241	Elliptical			H III 549;vB core;several vF comps within 10'
NGC 3089	ESO 435-24	Galaxy	ANT	12.4	12.9	1.8'	09 59.6	-28 20	365	SBb Rin			
NGC 976	UGC 2042	Galaxy	ARI	12.4	12.9	1.6'	02 34.0	+20 59	130	Sbc			
NGC 5820	UGC 9642	Galaxy	BOO	12.4	12.9	2.2'	14 58.7	+53 53	50	SO			H II 756;Asym env;F streamer off SE end;D* Sh 191 8' E
NGC 4785	ESO 219- 4	Galaxy	CEN	12.4	12.9	2'	12 53.5	-48 45	402	Sb			
NGC 5114	ESO 444-24	Galaxy	CEN	12.4	12.9	1.8'	13 24.0	-32 21	370	E-SO Ba			
NGC 1184	UGC 2583	Galaxy	CEP	12.4	12.9	2.8'	03 16.8	+80 48	5	Sa			H II 704
NGC 1438	ESO 482-41	Galaxy	ERI	12.4	12.9	2'	03 45.3	-23 00	312	SBO-a			
NGC 1635	UGC 3126	Galaxy	ERI	12.4	12.9	1.4'	04 40.1	-00 33	224	SBO-a R			H II 515

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2894	UGC 5056	Galaxy	LEO	12.4	12.9	1.9'	09 29.5	+07 43	188	Sa			H III 8;diffuse
NGC 7690	ESO 240- 6	Galaxy	PHE	12.4	12.9	2.1'	23 33.0	-51 42	416	Sb			
NGC 6861D	ESO 233-34	Galaxy	TEL	12.4	12.9	2.1'	20 08.3	-48 13	411	E-SO			
NGC 684	IC 165	Galaxy	TRI	12.4	12.9	3.4'	01 50.2	+27 39	128	Sb			NGC 672 group
NGC 3782	UGC 6618	Galaxy	UMA	12.4	12.9	1.6'	11 39.3	+46 31	74	SBcd			H II 732;asymmetric spiral
NGC 252	UGC 491	Galaxy	AND	12.4	12.8	1.4'	00 48.0	+27 37	126	Sa Ring			H II 609;Brightest in group;UGC 491
NGC 4634	UGC 7875	Galaxy	COM	12.4	12.8	2.5'	12 42.7	+14 18	194	SBc			H III 603;NGC 4633 @ 3.5'
NGC 1370	ESO 548-48	Galaxy	ERI	12.4	12.8	1.5'	03 35.2	-20 22	312	Elliptical			H III 559
NGC 1380A	ESO 358-33	Galaxy	FOR	12.4	12.8	2.4'	03 36.8	-34 44	355	SO			
NGC 3177	UGC 5544	Galaxy	LEO	12.4	12.8	1.5'	10 16.6	+21 07	144	Sbc			H III 25;NGC 3189-90 group
NGC 2778	UGC 4840	Galaxy	LYN	12.4	12.8	1.4'	09 12.4	+35 02	103	E			H II 564;brightest in group
NGC 7798	UGC 12884	Galaxy	PEG	12.4	12.8	1.4'	23 59.4	+20 45	125	Sc			H II 232
NGC 4412	UGC 7536	Galaxy	VIR	12.4	12.8	1.4'	12 26.6	+03 58	238	SB/P			H II 34
NGC 1153	UGC 2439	Galaxy	CET	12.4	12.7	1.3'	02 58.2	+03 22	221	Sa			prob v early spiral;* super at 0.25 sp ctr;UGC 2446 ,8.8'
NGC 1377	ESO 548-51	Galaxy	ERI	12.4	12.7	1.8'	03 36.7	-20 54	312	SO			H III 961
NGC 7368	ESO 345-49	Galaxy	GRU	12.4	12.7	2.9'	22 45.5	-39 21	414	SBb			
NGC 7248	UGC 11972	Galaxy	LAC	12.4	12.7	1.8'	22 16.9	+40 30	87	SO			H III 863;UGC 11972;sev smaller galaxies near
NGC 2329	UGC 3695	Galaxy	LYN	12.4	12.7	1.3'	07 09.1	+48 37	68	SO			H II 735= III 875
NGC 987	UGC 2093	Galaxy	TRI	12.4	12.7	1.3'	02 36.8	+33 20	93	SBO-a			H III 161
NGC 3835	UGC 6703	Galaxy	UMA	12.4	12.7	1.8'	11 44.1	+60 07	47	Sab			
NGC 5574	UGC 9181	Galaxy	VIR	12.4	12.7	1.5'	14 20.9	+03 14	242	SB0			H I 145;svBN;diff lens w less flatten envel , near 5576
NGC 2904	ESO 434- 6	Galaxy	ANT	12.4	12.6	1.5'	09 30.3	-30 23	364	E-SO Ba			
IC 2179	UGC 3750	Galaxy	CAM	12.4	12.6	1.7'	07 15.5	+64 56	21	E1			P w NGC 2347 at 13' south foll
NGC 4831	ESO 507-55	Galaxy	HYA	12.4	12.6	1.7'	12 57.6	-27 18	329	E-SO Ba			
NGC 3912	NGC 3899	Galaxy	LEO	12.4	12.6	1.5'	11 50.1	+26 29	147	SBb			H II 342
NGC 5990	UGC 10024	Galaxy	SER	12.4	12.6	1.6'	15 46.3	+02 25	245	Sa			H II 425;v late spir;m = 15.7
NGC 3683	UGC 6458	Galaxy	UMA	12.4	12.6	1.8'	11 27.5	+56 53	46	SBc			H I 246
NGC 1320	MCG - 1- 9-	Galaxy	ERI	12.4	12.5	1.9'	03 24.8	-03 03	221	Sa			H III 197
NGC 5761	ESO 580-39	Galaxy	LIB	12.4	12.5	1.3'	14 49.1	-20 23	333	SO			GALXY @ 14 48.4 -20 10 fits descr but 14 47.7 -20 16 b
NGC 3669	UGC 6431	Galaxy	UMA	12.4	12.5	2"	11 25.4	+57 43	46	SBcd			H II 829
NGC 2488	UGC 4161	Galaxy	LYN	12.4	12.4	1.4'	08 01.8	+56 33	43	E-SO			H III 837
NGC 940	UGC 1964	Galaxy	TRI	12.4	12.4	1.2'	02 29.5	+31 38	93	SO			
NGC 2415	UGC 3930	Galaxy	LYN	12.4	12	0.9'	07 36.9	+35 14	100	Ir			H II 821;peculiar;high surface brightness;irreg fringes
PK 264- 8.1	He2- 7	Pln Neb	VEL	12.4	11.2	45.0"	08 11.5	-48 43	396	2		16.9	
NGC 6804	PK 45-4.1	Pln Neb	AQL	12.4	11	63"	19 31.6	+09 14	207	4(2)		14.2	PK45-4.1;Herschel misclassified this as open cl
PK 325- 4.1	He2-141	Pln Neb	NOR	12.4	10.3	16"	15 59.1	-58 24	432			13.6	
IC 4642	PK 334-9.1	Pln Neb	ARA	12.4	9.6	15"	17 11.8	-55 24	433	4		13.6	
PK 359- 7.1	M2-32	Pln Neb	SGR	12.4	8.5	10"	18 14.9	-32 37	377	1		15.7	
PK 2- 2.4	M2-23	Pln Neb	SGR	12.4	8.2	9.0"	18 01.7	-28 26	377	1		16.7	
PK 38+12.1	Cannon 3-1	Pln Neb	OPH	12.4	7.9	7"	18 17.6	+10 09	204	2		12.5	Doubtful PLNNB
PK 194+ 2.1	J 900	Pln Neb	GEM	12.4	7.7	12"	06 26.0	+17 47	137	3b(2)		17.8	nearly stellar
NGC 1985	PK 176+0.1	Brn Neb	AUR	12.5	-	0.7'	05 37.8	+31 59	97	R		13.5	H III 865;Incorrect ID as PK176+0.1
NGC 1567	ESO 202-10	Galaxy	CAE	12.5	-	1.4'	04 21.1	-48 15	391	E			
PK 118- 8.1	VY 1-1	Pln Neb	CAS	12.5	-	5"	00 18.7	+53 53	35			14.1	
NGC 4884	NGC 4889	Galaxy	COM	12.5	-	2.8'	13 00.1	+27 59	149	Elliptical			see 4889
NGC 3660	MCG - 1-29-	Galaxy	CRT	12.5	-	2.8'	11 23.5	-08 40	281	SBbc			H II 635
NGC 2721	MCG - 1-23-	Galaxy	HYA	12.5	-	2.4'	08 58.9	-04 54	232	Sbc Ring			H II 529
NGC 7140	NGC 7141	Galaxy	IND	12.5	-	4.1'	21 52.3	-55 34	438	SBbc			N2 reports DEC one degree north
NGC 3342	NGC 3332	Galaxy	LEO	12.5	-	1.4'	10 40.5	+09 11	190	E-SO			H III 5
PK 204+ 4.1	K2- 2	Pln Neb	MON	12.5	-	6.2'	06 52.6	+09 58	183	3		15	
IC 1257	OCL 51	Glob CL	OPH	12.5	-	1'	17 27.1	-07 06	293	V			Identified as distant globular cluster in 1996
HP 1		Glob CL	OPH	12.5	-	1.2'	17 31.1	-29 59	376				
NGC 1174	NGC 1186	Galaxy	PER	12.5	-	3.2'	03 05.5	+42 50	63	SBbc			
PK 19- 5.1	M1-61	Pln Neb	SCT	12.5	-	2.0"	18 45.9	-14 28	295	1		17.1	
PK 16- 4.1	M1-54	Pln Neb	SGR	12.5	-	13.0"	18 36.2	-17 00	295	3			
NGC 6848	ESO 185-52	Galaxy	TEL	12.5	-	2.4'	20 02.8	-56 05	436	Sa			
NGC 2849	Cr 207	Opn CL	VEL	12.5	-	3'	09 19.4	-40 31	398	I 1 m	40		
NGC 4778	NGC 4759-2	Galaxy	VIR	12.5	-	1.7'	12 53.1	-09 12	284	Sa			
IC 4182	UGC 8188	Galaxy	CVN	12.5	16.1	6'	13 05.8	+37 36	109	Sm			Dwarf spiral
NGC 1129	UGC 2373	Galaxy	PER	12.5	15.2	4'	02 54.5	+41 35	63	Elliptical			H II 602;v ext env;large # of objects in vicinity
UGC 8201	PGC 45372	Galaxy	DRA	12.5	15.1	3.4'	13 06.3	+67 42	26	Ir+			
UGC 5139	Holmberg I	Galaxy	UMA	12.5	14.9	3.5'	09 40.5	+71 11	23	Ir+			Dwarf in M81 group
NGC 4517A	R 80; UGC	Galaxy	VIR	12.5	14.9	4'	12 32.5	+00 23	239	SBd			NGC 4517 @ 17 ' ; given as R 80 in Burnham's
NGC 5963	UGC 9906	Galaxy	DRA	12.5	14.7	3.3'	15 33.5	+56 34	51	Sc			H II 761;vB main body 0.7X0.45;NGC 5965 at 9.1'
UGC 3730	PGC 20460	Galaxy	CAM	12.5	14.4	2.7'	07 14.3	+73 29	7	Ring			Chaotic; UGC 3705 at 9' 14.4mag 1.5'X1.4'

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 5468	MCG - 1-36-	Galaxy	VIR	12.5	14.4	2.4'	14 06.6	-05 27	241	SBc			H III 286;svB elong N or bar; * nr = NGC 5467
NGC 4068	UGC 7047	Galaxy	UMA	12.5	14.3	3.2'	12 04.0	+52 35	47	Ir			H II 781
IC 1014	UGC 9275	Galaxy	BOO	12.5	14.2	2.7'	14 28.3	+13 47	197	SBd			
NGC 5378	UGC 8869	Galaxy	CVN	12.5	14.2	2.7'	13 56.8	+37 48	110	SBa			P w NGC 5380 at 11'
NGC 2487	UGC 4126	Galaxy	GEM	12.5	14.2	2.7'	07 58.3	+25 09	140	SBb			P w NGC 2486
NGC 2256	UGC 3519	Galaxy	CAM	12.5	14	2.3'	06 47.2	+74 14	6	SBO			
NGC 6690	NGC 6689	Galaxy	DRA	12.5	14	4'	18 34.8	+70 31	30	SBcd			
NGC 658	UGC 1196	Galaxy	PSC	12.5	14	3'	01 42.2	+12 36	173	Sb			
MCG -03-03		Galaxy	CET	12.5	13.9	3'	00 58.8	-18 47	307				Mostly Face On
NGC 6467	NGC 6468	Galaxy	HER	12.5	13.9	2.6'	17 50.7	+17 32	158	S pec			
NGC 2273B	UGC 3530	Galaxy	LYN	12.5	13.9	2.7'	06 46.5	+60 20	42	SBd			asym. v broad knotty arms;diff. broad vF arm north
NGC 2998	UGC 5250	Galaxy	UMA	12.5	13.9	2.7'	09 48.7	+44 05	71	SBc			br in NGC 2998-3010 group;many filam knotty arms
NGC 818	UGC 1633	Galaxy	AND	12.5	13.8	2.9'	02 08.7	+38 47	92	SBbc			H II 604
UGC 7699	MCG +06-28	Galaxy	CVN	12.5	13.8	3.8'	12 32.8	+37 37	108	SBc			
NGC 3032	UGC 5292	Galaxy	LEO	12.5	13.8	2.4'	09 52.1	+29 14	104	SBO Rir			svBN in sh stubby bar
NGC 7292	UGC 12048	Galaxy	PEG	12.5	13.8	2.1'	22 28.4	+30 18	123	Ir Bar			irregular
NGC 5645	UGC 9328	Galaxy	VIR	12.5	13.8	2.6'	14 30.7	+07 16	197	SBcd			H II 150;B bar: sev. knotty arms w some branch.;asym.
NGC 7309	MCG - 2-57-	Galaxy	AQR	12.5	13.7	2'	22 34.4	-10 21	302	SBc			H II 476;3 arm spiral
NGC 4945A	ESO 219-28	Galaxy	CEN	12.5	13.7	2.5'	13 06.6	-49 42	402	SB			
NGC 493	UGC 914	Galaxy	CET	12.5	13.7	3.4'	01 22.2	+00 57	218	SBc			H III 594;SN 1971;v patchy chaotic spir pattern
NGC 4213	UGC 7276	Galaxy	COM	12.5	13.7	1.7'	12 15.6	+23 59	148	Elliptical			H II 354;Brightest in cluster
NGC 4248	UGC 7335	Galaxy	CVN	12.5	13.7	2.9'	12 17.8	+47 25	74	SBb			H II 742
NGC 5237	ESO 270-22	Galaxy	CEN	12.5	13.6	2'	13 37.6	-42 51	403	Elliptical			
NGC 5290	UGC 8700	Galaxy	CVN	12.5	13.6	3.7'	13 45.3	+41 43	76	Sbc			B bulge part hidden by dk lane & asym abs Poss edgewi
NGC 4210	UGC 7264	Galaxy	DRA	12.5	13.6	2'	12 15.3	+65 59	25	SBb			H III 850;NGC 4221 @ 15.6'
NGC 7015	UGC 11674	Galaxy	EQU	12.5	13.6	1.8'	21 05.6	+11 25	210	Sbc			
NGC 7428	UGC 12262	Galaxy	PSC	12.5	13.6	2.4'	22 57.3	-01 03	258	SBa			
NGC 623	ESO 353-23	Galaxy	SCL	12.5	13.6	2'	01 35.1	-36 29	352	Elliptical			
NGC 4385	UGC 7515	Galaxy	VIR	12.5	13.6	2.1'	12 25.7	+00 34	238	SBO-a			SS VIR in field
NGC 3250E	ESO 317-34	Galaxy	ANT	12.5	13.5	2.1'	10 29.0	-40 05	399	SBc			
NGC 749	ESO 414-11	Galaxy	FOR	12.5	13.5	1.9'	01 55.7	-29 55	353	SBO-a			
NGC 3937	IC 2968;UGC	Galaxy	LEO	12.5	13.5	1.8'	11 52.7	+20 38	147	E-SO			H III 389;IC 2958 at 2.8';PA262;0.9'X0.45'
NGC 7229	ESO 467-24	Galaxy	PSA	12.5	13.5	1.8'	22 14.1	-29 23	383	SBc			
NGC 1536	ESO 157- 5	Galaxy	RET	12.5	13.5	2.1'	04 11.0	-56 29	420	SBc			
NGC 10	ESO 349-32	Galaxy	SCL	12.5	13.5	2.4'	00 08.6	-33 52	350	SBbc			
NGC 3065	UGC 5375	Galaxy	UMA	12.5	13.5	1.8'	10 01.9	+72 10	23	SO			P w 3066 2.9' SSE;svBN w inner B center;huge halo
NGC 4299	UGC 7414	Galaxy	VIR	12.5	13.5	1.7'	12 21.7	+11 30	193	SBd			H II 62
NGC 83	UGC 206	Galaxy	AND	12.5	13.4	1.3'	00 21.4	+22 26	126	E0			NGC 80 group
NGC 393	UGC 707	Galaxy	AND	12.5	13.4	1.7'	01 08.6	+39 39	60	E-SO			H I 54
NGC 5635	UGC 9283	Galaxy	BOO	12.5	13.4	2.3'	14 28.5	+27 25	152	Sb			H III 132
NGC 6232	UGC 10537	Galaxy	DRA	12.5	13.4	1.6'	16 43.3	+70 38	29	SBa			
NGC 1622	Ho 77a	Galaxy	ERI	12.5	13.4	3.7'	04 36.6	-03 11	224	SBab			Near NGC 1618;NGC 1625
IC 1933	ESO 155-25	Galaxy	HOR	12.5	13.4	2.2'	03 25.7	-52 47	419	SBc			
NGC 5768	UGC 9564	Galaxy	LIB	12.5	13.4	1.8'	14 52.1	-02 32	243	Scp			H III 373;sBN;sev knotty branch arms;poor res
NGC 7315	UGC 12097	Galaxy	PEG	12.5	13.4	1.6'	22 35.5	+34 48	123	SO			
NGC 234	UGC 463	Galaxy	PSC	12.5	13.4	1.6'	00 43.5	+14 21	171	SBc			H II 245
NGC 706	UGC 1334	Galaxy	PSC	12.5	13.4	1.9'	01 51.8	+06 18	173	Sc			H II 596;NGC 676 group
NGC 7714	UGC 12699	Galaxy	PSC	12.5	13.4	1.9'	23 36.2	+02 09	259	SBb/P			bridge;disturbed
NGC 7713A	ESO 347-30	Galaxy	SCL	12.5	13.4	1.6'	23 37.1	-37 43	385	SBc			
NGC 807	UGC 1571	Galaxy	TRI	12.5	13.4	1.8'	02 04.9	+28 59	92	Elliptical			H III 151
NGC 3656	UGC 6403	Galaxy	UMA	12.5	13.4	1.5'	11 23.6	+53 51	46	Elliptical			H II 782;B main body 0.6'X0.5'
NGC 5652	NGC 5650	Galaxy	VIR	12.5	13.4	2'	14 31.0	+05 59	197	Sbc			H II 891
NGC 2227	ESO 556-23	Galaxy	CMA	12.5	13.3	2.1'	06 26.0	-22 00	317	SBc			
NGC 1460	ESO 358-62	Galaxy	ERI	12.5	13.3	1.7'	03 46.2	-36 42	356	SBO			
NGC 1558	ESO 250-17	Galaxy	HOR	12.5	13.3	2.5'	04 20.3	-45 02	391	SBbc			
NGC 7064	ESO 188- 9	Galaxy	IND	12.5	13.3	3.8'	21 29.1	-52 46	437	SBc			
NGC 7156	UGC 11843	Galaxy	PEG	12.5	13.3	1.7'	21 54.6	+02 57	256	SBc			H III 452
NGC 7294	ESO 533-44	Galaxy	PSA	12.5	13.3	2'	22 32.1	-25 24	347	SBO			
NGC 630	ESO 297- 9	Galaxy	SCL	12.5	13.3	1.6'	01 35.6	-39 22	388	E-SO			Wide triple
NGC 6850	ESO 185-56	Galaxy	TEL	12.5	13.3	2.1'	20 03.5	-54 51	436	SBO-a			
NGC 4348	MCG 0-32-	Galaxy	VIR	12.5	13.3	3.2'	12 23.9	-03 27	238	Sbc			H II 625;Spindle shaped edge on
NGC 4581	UGC 7801	Galaxy	VIR	12.5	13.3	1.9'	12 38.1	+01 29	239	Elliptical			
NGC 5374	UGC 8874	Galaxy	VIR	12.5	13.3	1.6'	13 57.5	+06 06	196	SBbc			H II 889
NGC 7167	ESO 532- 9	Galaxy	AQR	12.5	13.2	1.7'	22 00.5	-24 38	346	SBc			
NGC 5587	UGC 9202	Galaxy	BOO	12.5	13.2	2.6'	14 22.2	+13 55	197	Sa			H III 110

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 5644	UGC 9321	Galaxy	BOO	12.5	13.2	1.5'	14 30.4	+11 56	197	SO			P w NGC 5647 at 4.1';Brightest in cluster
NGC 7233	ESO 289- 8	Galaxy	GRU	12.5	13.2	1.7'	22 15.8	-45 51	414	SBO-a			
NGC 2616	UGC 4489	Galaxy	HYA	12.5	13.2	1.5'	08 35.6	-01 51	231	SO			compact;brightest of 3
NGC 2996	ESO 566-12	Galaxy	HYA	12.5	13.2	1.5'	09 46.5	-21 34	323	Sa			
NGC 3816	UGC 6656	Galaxy	LEO	12.5	13.2	1.9'	11 41.8	+20 06	147	SO			
NGC 3380	UGC 5906	Galaxy	LMI	12.5	13.2	1.6'	10 48.2	+28 36	105	SBa			H II 360;massive spiral arms;UGC 5906
NGC 1198	IC 282	Galaxy	PER	12.5	13.2	1.9'	03 06.2	+41 51	63	E-SO			
NGC 95	UGC 214	Galaxy	PSC	12.5	13.2	2.1'	00 22.2	+10 29	171	SBc Ring			H II 257;asym uneven arms;UGC 214;Arp 65
NGC 5984	UGC 9987	Galaxy	SER	12.5	13.2	2.9'	15 42.9	+14 14	199	SBcd			H II 656;P w UGC 9991;bright narrow bar
NGC 528	UGC 988	Galaxy	AND	12.5	13.1	1.7'	01 25.6	+33 40	91	SO			
NGC 3267	ESO 375-42	Galaxy	ANT	12.5	13.1	1.7'	10 29.8	-35 19	366	SBO			
NGC 3302	ESO 437- 7	Galaxy	ANT	12.5	13.1	1.6'	10 35.8	-32 22	366	SO			
NGC 5623	UGC 9260	Galaxy	BOO	12.5	13.1	1.6'	14 27.1	+33 15	111	Elliptical			H II 329
NGC 564	UGC 1044	Galaxy	CET	12.5	13.1	1.3'	01 27.8	-01 53	218	E2			H III 442
NGC 1827	ESO 362- 6	Galaxy	COL	12.5	13.1	3'	05 10.1	-36 58	358	SBc			
NGC 2615	UGC 4481	Galaxy	HYA	12.5	13.1	1.9'	08 34.6	-02 33	231	SBb			
NGC 1924	MCG - 1-14-	Galaxy	ORI	12.5	13.1	1.6'	05 28.0	-05 19	225	SBbc Ring			H III 447
NGC 7794	UGC 12872	Galaxy	PEG	12.5	13.1	1.5'	23 58.6	+10 44	170	Sbc			H III 466;Peculiar;UGC 12872
NGC 380	UGC 682	Galaxy	PSC	12.5	13.1	1.3'	01 07.3	+32 29	91	E2			H II 216;NGC 383 group;UGC 682;Arp 331
NGC 473	UGC 859	Galaxy	PSC	12.5	13.1	1.9'	01 19.9	+16 33	172	SBO-a			
NGC 7458	UGC 12309	Galaxy	PSC	12.5	13.1	1.4'	23 01.5	+01 45	258	Elliptical			H II 590;p of 2;UGC 12309
NGC 7683	UGC 12623	Galaxy	PSC	12.5	13.1	1.9'	23 29.1	+11 27	214	SO			
NGC 4194	UGC 7241	Galaxy	UMA	12.5	13.1	1.8'	12 14.2	+54 32	47	Ir Bar			H II 867
NGC 4336	IC 3254	Galaxy	COM	12.5	13	2'	12 23.5	+19 26	148	SBO-a			H II 406
NGC 4561	IC 3569	Galaxy	COM	12.5	13	1.5'	12 36.1	+19 19	149	SBcd			H II 407
NGC 3682	UGC 6459	Galaxy	DRA	12.5	13	1.7'	11 27.7	+66 35	25	Sa			H I 262
NGC 5667	UGC 9344	Galaxy	DRA	12.5	13	1.7'	14 30.4	+59 28	50	SBc			H II 807
NGC 1659	MCG - 1-13-	Galaxy	ERI	12.5	13	1.5'	04 46.5	-04 47	224	Sbc			H III 589;Knotty filamentary arms;strong asym vF
NGC 2874	UGC 5021	Galaxy	LEO	12.5	13	2.2'	09 25.8	+11 26	188	SBbc			disturbed;possibly not interacting;largest of triplet
NGC 6509	UGC 11075	Galaxy	OPH	12.5	13	1.6'	17 59.4	+06 17	204	SBcd			
NGC 7539	UGC 12443	Galaxy	PEG	12.5	13	1.5'	23 14.5	+23 41	169	SO			
NGC 7187	ESO 404-24	Galaxy	PSA	12.5	13	1.3'	22 02.7	-32 48	383	Sa Ring			
NGC 5936	UGC 9867	Galaxy	SER	12.5	13	1.3'	15 30.0	+12 59	199	SBb Ring			H II 130;Bright bar w star superimp
NGC 4497	IC 3452	Galaxy	VIR	12.5	13	1.9'	12 31.5	+11 37	193	SBO-a			H III 42
NGC 4658	MCG - 2-33-	Galaxy	VIR	12.5	13	2.1'	12 44.6	-10 05	284	SBbc			H II 558
NGC 275	VV 81;Arp 14	Galaxy	CET	12.5	12.9	1.5'	00 51.1	-07 04	262	Sbp			
NGC 430	UGC 765	Galaxy	CET	12.5	12.9	1.3'	01 13.0	-00 15	217	Elliptical			H II 447;Brightest of 3
NGC 967	ESO 545-31	Galaxy	CET	12.5	12.9	1.6'	02 32.2	-17 13	310	E-SO			
NGC 1145	ESO 546-29	Galaxy	ERI	12.5	12.9	3.2'	02 54.6	-18 38	310	Sc			
NGC 1247	MCG - 2- 9-	Galaxy	ERI	12.5	12.9	3.4'	03 12.2	-10 29	266	Sbc			H II 900
NGC 1383	ESO 548-53	Galaxy	ERI	12.5	12.9	1.9'	03 37.7	-18 20	312	SBO			
NGC 4500	UGC 7667	Galaxy	UMA	12.5	12.9	1.6'	12 31.4	+57 58	48	SBa			H I 234
NGC 3732	MCG - 2-30-	Galaxy	CRT	12.5	12.8	1.4'	11 34.2	-09 51	282	SBO-a			H II 552
NGC 2977	UGC 5175	Galaxy	DRA	12.5	12.8	1.8'	09 43.8	+74 52	8	Sb			H I 282;low surface br
NGC 1140	MCG - 2- 8-	Galaxy	ERI	12.5	12.8	1.8'	02 54.6	-10 02	265	Sm			H II 470
NGC 1412	ESO 482-60	Galaxy	FOR	12.5	12.8	1.8'	03 40.5	-26 52	312	SBO			
NGC 3233	ESO 568- 1	Galaxy	HYA	12.5	12.8	1.8'	10 22.0	-22 16	324	SBO-a F			
NGC 491	ESO 352-53	Galaxy	SCL	12.5	12.8	1.4'	01 21.3	-34 04	352	SBb			
NGC 7676	ESO 148-16	Galaxy	TUC	12.5	12.8	1.6'	23 29.0	-59 43	439	E-SO			
NGC 3471	UGC 6064	Galaxy	UMA	12.5	12.8	1.7'	10 59.1	+61 32	24	Sa			H III 972;sp of 2;comp 2.4';PA55;0.8'X0.2'
NGC 4067	UGC 7048	Galaxy	VIR	12.5	12.8	1.3'	12 04.2	+10 51	193	Sb			H III 37
NGC 5507	MCG 0-36-	Galaxy	VIR	12.5	12.8	1.6'	14 13.3	-03 09	242	SBO			H IV 49;P w NGC 5506 at 4'
NGC 7359	ESO 534-22	Galaxy	AQR	12.5	12.7	2.4'	22 44.8	-23 41	348	SO			
NGC 5337	UGC 8789	Galaxy	CVN	12.5	12.7	1.7'	13 52.4	+39 41	76	S pec			H III 698
NGC 1362	ESO 548-41	Galaxy	ERI	12.5	12.7	1.2'	03 33.9	-20 17	312	SO			H III 960
NGC 6146	UGC 10379	Galaxy	HER	12.5	12.7	1.3'	16 25.2	+40 54	80	Elliptical			H III 638;Sev comps incl NGC 6145 @ 4' PA 335
NGC 4129	NGC 4130	Galaxy	VIR	12.5	12.7	2.3'	12 08.9	-09 02	283	SBab			H II 548;Nearly edge on barred spiral
NGC 4451	UGC 7600	Galaxy	VIR	12.5	12.7	1.5'	12 28.7	+09 16	193	Sb			
NGC 3273	ESO 375-49	Galaxy	ANT	12.5	12.6	1.6'	10 30.5	-35 37	366	SBO			
NGC 3289	ESO 375-65	Galaxy	ANT	12.5	12.6	2.2'	10 34.1	-35 19	366	SBO-a			
NGC 5707	UGC 9428	Galaxy	BOO	12.5	12.6	2.5'	14 37.5	+51 34	50	Sab			comp 1.5' PA 26
NGC 1094	UGC 2262	Galaxy	CET	12.5	12.6	1.3'	02 47.5	-00 17	220	SBab			H III 462;NGC 1068 grp;s of 2
NGC 5152	ESO 444-44	Galaxy	HYA	12.5	12.6	2.1'	13 27.9	-29 37	370	SBb			
NGC 3419	UGC 5964	Galaxy	LEO	12.5	12.6	0.8'	10 51.3	+13 57	190	SBO-a			NGC 3419A at 4.7';PA6
NGC 3506	UGC 6120	Galaxy	LEO	12.5	12.6	1.1'	11 03.2	+11 05	191	Sc			H III 22;P w UGC 6122 at 5.3';PA 62

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 7311	UGC 12080	Galaxy	PEG	12.5	12.6	1.6'	22 34.1	+05 34	212	Sab			H II 428;UGC 12080
NGC 7514	UGC 12415	Galaxy	PEG	12.5	12.6	1.4'	23 12.4	+34 53	124	Sbc			
NGC 403	UGC 715	Galaxy	PSC	12.5	12.6	1.8'	01 09.2	+32 45	91	Sa			
NGC 6835	MCG - 2-50-	Galaxy	SGR	12.5	12.6	2.4'	19 54.5	-12 34	297	SBa			
NGC 3796	UGC 6638	Galaxy	UMA	12.5	12.6	1.3'	11 40.5	+60 18	47	S pec			
NGC 4207	UGC 7268	Galaxy	VIR	12.5	12.6	1.6'	12 15.5	+09 35	193	Scd			
NGC 4928	MCG - 1-33-	Galaxy	VIR	12.5	12.6	1.1'	13 03.0	-08 05	284	Sbc			H II 190
NGC 3082	ESO 435-18	Galaxy	ANT	12.5	12.5	1.8'	09 58.9	-30 21	365	E-SO			
NGC 1248	MCG - 1- 9-	Galaxy	ERI	12.5	12.5	1.2'	03 12.8	-05 14	221	SO			H III 443;Br lanes w traces of dark matter
NGC 7286	UGC 12043	Galaxy	PEG	12.5	12.5	1.6'	22 27.8	+29 06	123	Sa			
NGC 6504	UGC 11053	Galaxy	HER	12.5	12.4	2.2'	17 56.1	+33 12	116	S pec			
NGC 5244	NGC 5219	Galaxy	CEN	12.5	12.3	1.7'	13 38.7	-45 51	403	Sb			
NGC 1222	MCG - 1- 9-	Galaxy	ERI	12.5	12.3	0.8'	03 08.9	-02 57	221	E-SO			
NGC 6026	PK 341+13.1	Pln Neb	LUP	12.5	12.3	54"	16 01.4	-34 33	374	4		13.3	Ring shape
NGC 7611	UGC 12509	Galaxy	PSC	12.5	12.3	1.5'	23 19.6	+08 04	214	SBO-a			
NGC 982	UGC 2066	Galaxy	AND	12.5	12.2	1.5'	02 35.4	+40 52	62	Sa			H III 573
NGC 2726	UGC 4750	Galaxy	UMA	12.5	12.2	1.6'	09 04.9	+59 56	44	Sa			H II 834
NGC 4464	UGC 7619	Galaxy	VIR	12.5	12.2	0.9'	12 29.4	+08 09	193	Sab			H III 483
NGC 4218	UGC 7283	Galaxy	CVN	12.5	12.1	0.9'	12 15.8	+48 08	74	Sa			H III 718
NGC 4342	IC 3256	Galaxy	VIR	12.5	12.1	1.2'	12 23.7	+07 03	193	SO			H III 96;edge on lenticular;4 F galaxies north
NGC 2346	PK 215+3.1	Pln Neb	MON	12.5	11.5	60"	07 09.4	-00 48	228	3b(6)		11.3	H IV 65;PK215+3.1; cent* V651 Mon a variable star
NGC 5845	UGC 9700	Galaxy	VIR	12.5	11.5	0.7'	15 06.0	+01 38	243	E3			H III 511;NGC 5846 group
PK 322- 2.1	Menzel 1	Pln Neb	NOR	12.5	10.2	50"	15 34.2	-59 09	432	4(6)			
IC 4776	PK 2-13.1	Pln Neb	SGR	12.5	6.4	8"	18 45.8	-33 21	378	2a		16	
NGC 6886	PK 60-7.2	Pln Neb	SGE	12.5	6.2	4"	20 12.7	+19 59	163	2(3)		16.5	
PK 336- 6.1	Peimbert 14	Pln Neb	ARA	12.6	-	8"	17 06.3	-52 30	433			16.5	
NGC 3497	NGC 3525	Galaxy	CRT	12.6	-	2.6'	11 07.3	-19 28	326	SO			H III 824
NGC 3525	NGC 3497	Galaxy	CRT	12.6	-	2.6'	11 07.3	-19 28	326	SO			
NGC 4265	NGC 4263	Galaxy	CRV	12.6	-	1.2'	12 19.7	-12 14	283	Sb			
NGC 4804	NGC 4802	Galaxy	CRV	12.6	-	2.4'	12 55.8	-12 03	284	SO			H IV 40
NGC 6766	PK 82+7.1	Pln Neb	CYG	12.6	-	5.6"	20 10.4	+46 28	55	2b			
NGC 3218	NGC 3183	Galaxy	DRA	12.6	-	2.3'	10 21.8	+74 11	8	SBbc			
NGC 1442	NGC 1440	Galaxy	ERI	12.6	-	2.2'	03 45.0	-18 16	312	SBO			H II 594
NGC 1458	MCG 03-10-	Galaxy	ERI	12.6	-	3.3'	03 45.0	-18 14	312	Sb			
NGC 1524	NGC 1516	Galaxy	ERI	12.6	-	1.4'	04 08.1	-08 50	268	SBbc			
NGC 1049	ESO 356-SC	Glo+Gx	FOR	12.6	-	1.2'	02 39.8	-34 16	354				Invl in Fornax System
NGC 3460	NGC 3457	Galaxy	LEO	12.6	-	0.9'	10 54.8	+17 37	145	Compac			
NGC 5764	OCL 934	Opn CL	LUP	12.6	-	2'	14 53.5	-52 40	431	II 2 p	12		
NGC 1193	OCL 390	Opn CL	PER	12.6	-	1.5'	03 05.9	+44 23	63	II 3 m	40	14	H II 608
NGC 2401	OCL 508	Opn CL	PUP	12.6	-	2'	07 29.4	-13 58	274	II 3 p	20		H VII 65
PK 346- 6.1	He2-257	Pln Neb	SCO	12.6	-	5"	17 39.3	-44 10	408				
UGC 1281	PGC 6699	Galaxy	TRI	12.6	-	4.5'	01 49.6	+32 35	92	Sdm			
NGC 4891		Star	VIR	12.6	-		13 00.8	-13 26	284				Star 2' np NGC 4897
UGC 7698	PGC 41636	Galaxy	CVN	12.6	16.1	6.5'	12 32.9	+31 32	108	Ir+			Low Surface Brightness
UGC 5364	Leo III	Galaxy	LEO	12.6	15.4	4.9'	09 59.4	+30 45	104	Ir+			Local Group dwarf irregular
UGC 3574	MCG +10-10	Galaxy	LYN	12.6	15.3	4.2'	06 53.1	+57 11	42	Sc			P w UGC 3569 6' preced
NGC 3447	UGC 6006	Galaxy	LEO	12.6	14.7	3.8'	10 53.4	+16 46	190	SBdp			P w UGC 6007 at 1.7';PA65;comp 1.7';PA150;0.3'X0.3'
NGC 3883	UGC 6754	Galaxy	LEO	12.6	14.6	2.8'	11 46.8	+20 41	147	Sb			H III 372
UGC 6917	MCG +09-20	Galaxy	UMA	12.6	14.6	3.5'	11 56.5	+50 25	47	SBm			
NGC 3913	IC 740	Galaxy	UMA	12.6	14.5	2.5'	11 50.6	+55 21	47	Scd Rin			H II 786
NGC 7162A	ESO 288-28	Galaxy	GRU	12.6	14.4	2.6'	22 00.6	-43 09	414	SB			
NGC 160	UGC 356	Galaxy	AND	12.6	14.3	2.9'	00 36.1	+23 57	126	Sa Ring			H III 476;UGC 356
UGC 5522	PGC 29835	Galaxy	LEO	12.6	14.3	3'	10 13.9	+07 01	189	Sc			
IC 769	UGC 7209	Galaxy	VIR	12.6	14.1	2.5'	12 12.5	+12 07	193	SBbc Ri			Member of Virgo group of galaxies
NGC 3464	ESO 569-22	Galaxy	HYA	12.6	14	2.5'	10 54.7	-21 04	325	SBc			Red * V HYA is 43' WSW
IC 1158	UGC 10133	Galaxy	SER	12.6	14	2.5'	16 01.6	+01 42	245	SBc			
NGC 5216	UGC 8528	Galaxy	UMA	12.6	14	1'	13 32.1	+62 42	26	EOp			Arch plume ; bridge to N 5218; Keenan's system
NGC 4746	UGC 8007	Galaxy	VIR	12.6	14	4'	12 51.9	+12 05	194	Sb			
NGC 803	UGC 1554	Galaxy	ARI	12.6	13.9	3'	02 03.7	+16 02	174	Sc			H III 208;UGC 1554
NGC 755	NGC 763	Galaxy	CET	12.6	13.9	3.3'	01 56.4	-09 04	264	SBb			H III 265
NGC 4841B	NGC 4841-2	Galaxy	COM	12.6	13.9	1.3'	12 57.6	+28 29	108	E pec			separation from NGC 4841A is 0.7'
NGC 1210	ESO 480-31	Galaxy	FOR	12.6	13.9	1.9'	03 06.8	-25 43	311	SBO			
NGC 2642	MCG - 1-22-	Galaxy	HYA	12.6	13.9	2'	08 40.7	-04 07	231	SBbc Ri			B nucleus in weak bar;4 or 5 knotty filam arms;
NGC 2942	UGC 5140	Galaxy	LMI	12.6	13.9	2.3'	09 39.1	+34 00	103	Sc			bright nucl.;2 main branch arms;faint;poor resolution
NGC 7800	UGC 12885	Galaxy	PEG	12.6	13.9	2.3'	23 59.6	+14 48	170	Ir			H II 10;UGC 12885

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1207	UGC 2548	Galaxy	PER	12.6	13.9	2.3'	03 08.3	+38 23	94	Sb Ring			H III 578
NGC 7185	ESO 601-10	Galaxy	AQR	12.6	13.8	2.3'	22 02.9	-20 28	346	E-SO Ba			
NGC 673	UGC 1259	Galaxy	ARI	12.6	13.8	2.1'	01 48.4	+11 31	173	Sc			H II 589;2 B Main arms;UGC 1259
NGC 4909	ESO 269-35	Galaxy	CEN	12.6	13.8	1.9'	13 02.0	-42 46	402	Sa Ring			
NGC 1026	UGC 2145	Galaxy	CET	12.6	13.8	2'	02 39.3	+06 33	175	SO			comp in the env at .45';PA160;.15X0.15
NGC 6442	UGC 10978	Galaxy	HER	12.6	13.8	1.8'	17 46.9	+20 46	158	Elliptical			P w UGC 10979 at 7' PA 33 15mag 1'X1'
NGC 7241	UGC 11968	Galaxy	PEG	12.6	13.8	3.4'	22 15.8	+19 14	167	SBbc/P			II Zw 174;edge-on spiral
NGC 7680	UGC 12616	Galaxy	PEG	12.6	13.8	1.8'	23 28.6	+32 25	124	E-SO			H III 860;UGC 12616
NGC 418	ESO 412- 9	Galaxy	SCL	12.6	13.8	2'	01 10.6	-30 13	352	SBc			
NGC 3365	UGC 5878	Galaxy	SEX	12.6	13.8	4.5'	10 46.2	+01 49	235	Sc			
UGC 5459	MCG +09-17	Galaxy	UMA	12.6	13.8	4.2'	10 08.1	+53 05	45	Sc			
NGC 4127	UGC 7122	Galaxy	CAM	12.6	13.7	2.5'	12 08.4	+76 48	9	Sc			H I 279
NGC 4396	Ho 400a	Galaxy	COM	12.6	13.7	3.3'	12 26.0	+15 40	193	Scd			Ho 400b @ 6.2' is a dble *
NGC 7307	ESO 345-26	Galaxy	GRU	12.6	13.7	3.4'	22 33.9	-40 56	414	SBc/P			
NGC 7512	UGC 12414	Galaxy	PEG	12.6	13.7	1.8'	23 12.3	+31 08	124	Elliptical			spp of 2
NGC 645	UGC 1177	Galaxy	PSC	12.6	13.7	2.6'	01 40.1	+05 44	173	SBb			2 massive smooth arms;rare
NGC 568	IC 1709	Galaxy	SCL	12.6	13.7	2.2'	01 27.9	-35 43	352	E-SO			
NGC 6780	ESO 184-62	Galaxy	TEL	12.6	13.7	1.9'	19 22.8	-55 47	435	SBc			
NGC 4010	UGC 6964	Galaxy	UMA	12.6	13.7	4.2'	11 58.6	+47 16	74	SBcd			
NGC 6251	UGC 10501	Galaxy	UMI	12.6	13.7	1.8'	16 32.5	+82 32	11	Elliptical			H III 974;P w NGC 6252 at 2.4' PA 10
NGC 5642	UGC 9301	Galaxy	BOO	12.6	13.6	1.8'	14 29.2	+30 02	111	Elliptical			H III 126;f of 2
NGC 132	UGC 301	Galaxy	CET	12.6	13.6	1.9'	00 30.2	+02 06	216	SBbc			H II 855;UGC 301
NGC 4635	UGC 7876	Galaxy	COM	12.6	13.6	1.9'	12 42.6	+19 57	149	SBcd			
NGC 3597	ESO 503- 3	Galaxy	CRT	12.6	13.6	1.8'	11 14.7	-23 44	326	Sa			
UGC 7690	MCG +07-26	Galaxy	CVN	12.6	13.6	2'	12 32.4	+42 42	75	Irr+			
NGC 6095	UGC 10265	Galaxy	DRA	12.6	13.6	1.8'	16 11.2	+61 16	28	E-SO			
NGC 3884	UGC 6746	Galaxy	LEO	12.6	13.6	2.1'	11 46.2	+20 23	147	Sa Ring			H III 388;comp 3.4';PA348;0.5'X0.2'
NGC 6688	UGC 11324	Galaxy	LYR	12.6	13.6	1.7'	18 40.7	+36 17	117	Sa			Brightest in group
NGC 1642	UGC 3140	Galaxy	TAU	12.6	13.6	1.8'	04 42.9	+00 37	224	Sc			UGC 3141 at 8.4';PA24;superimposed comp;bridge
NGC 855	UGC 1718	Galaxy	TRI	12.6	13.6	2.6'	02 14.1	+27 53	129	Elliptical			H II 613;UGC 1718
NGC 3415	UGC 5969	Galaxy	UMA	12.6	13.6	2.1'	10 51.7	+43 43	73	Sa			H II 718
NGC 4351	NGC 4354	Galaxy	VIR	12.6	13.6	2'	12 24.0	+12 12	193	SBab/P			
NGC 5327	UGC 8768	Galaxy	VIR	12.6	13.6	1.9'	13 52.1	-02 12	241	SBb			H II 685;Brightest in group;both comps are 15 mag
NGC 2303	UGC 3603	Galaxy	AUR	12.6	13.5	1.5'	06 56.3	+45 30	68	Elliptical			
NGC 748	MCG - 1- 6-	Galaxy	CET	12.6	13.5	2.3'	01 56.4	-04 28	219	Sb Ring			H III 193
NGC 1824	ESO 119-36	Galaxy	DOR	12.6	13.5	3.2'	05 06.9	-59 44	421	SBp			
NGC 6667	NGC 6668	Galaxy	DRA	12.6	13.5	2.4'	18 30.7	+67 59	30	SBab/P			
NGC 3121	NGC 3119	Galaxy	LEO	12.6	13.5	1.7'	10 06.9	+14 22	189	Elliptical			P w UGC 5436 II companion superimposed
NGC 7320	UGC 12101	Galaxy	PEG	12.6	13.5	2.3'	22 36.1	+33 57	123	Scd			Brightest in Stephan's Quintet
NGC 3090	MCG 0-26-	Galaxy	SEX	12.6	13.5	1.7'	10 00.5	-02 58	234	Elliptical			
NGC 4305	UGC 7432;H	Galaxy	VIR	12.6	13.5	2.2'	12 22.1	+12 44	193	Sa			
NGC 4492	IC 3438	Galaxy	VIR	12.6	13.5	1.7'	12 31.0	+08 05	193	Sa			H II 499
NGC 4996	UGC 8235	Galaxy	VIR	12.6	13.5	1.8'	13 09.5	+00 51	240	SBO-a			
NGC 5356	UGC 8831	Galaxy	VIR	12.6	13.5	2.9'	13 55.0	+05 20	241	SBbc			H III 506
NGC 43	UGC 120	Galaxy	AND	12.6	13.4	1.6'	00 13.0	+30 55	89	SBO			
NGC 4575	ESO 322-36	Galaxy	CEN	12.6	13.4	2'	12 37.9	-40 32	402	SBbc			
NGC 899	ESO 545- 7	Galaxy	CET	12.6	13.4	1.8'	02 21.9	-20 49	309	Irr			
NGC 5217	UGC 8546	Galaxy	COM	12.6	13.4	1.5'	13 34.1	+17 51	150	Elliptical			brightest in group w at least 6 galaxies
NGC 5347	UGC 8805	Galaxy	CVN	12.6	13.4	1.6'	13 53.3	+33 29	110	SBbc			H II 424
NGC 1098	ESO 546-14	Galaxy	ERI	12.6	13.4	1.7'	02 44.9	-17 40	310	E-SO			
NGC 823	IC 1782	Galaxy	FOR	12.6	13.4	1.7'	02 07.3	-25 27	309	E-SO			
NGC 6577	UGC 11148	Galaxy	HER	12.6	13.4	1.5'	18 12.0	+21 28	159	Elliptical			Several galaxies within 15'
NGC 3357	UGC 5206	Galaxy	LEO	12.6	13.4	1.3'	10 44.3	+14 05	190	Elliptical			
NGC 2124	ESO 555-16	Galaxy	LEP	12.6	13.4	2.7'	05 57.9	-20 05	316	Sb			H III 225
NGC 2528	UGC 4227	Galaxy	LYN	12.6	13.4	1.5'	08 07.4	+39 12	69	Sb Ring			
NGC 257	UGC 493	Galaxy	PSC	12.6	13.4	1.9'	00 48.0	+08 18	171	Sc			H II 863;UGC 493
NGC 455	UGC 815;A	Galaxy	PSC	12.6	13.4	2'	01 16.0	+05 11	217	Pec			Peculiar
NGC 2578	MCG - 2-22-	Galaxy	PUP	12.6	13.4	2.2'	08 21.4	-13 19	276	SBO-a			H III 902
NGC 6841	ESO 461-23	Galaxy	SGR	12.6	13.4	1.5'	19 57.8	-31 49	380	Elliptical			
NGC 3445	UGC 6021	Galaxy	UMA	12.6	13.4	1.6'	10 54.6	+56 59	46	Sc			H I 267;Brightest in group;NGC 3458 14' NE
NGC 4630	UGC 7871	Galaxy	VIR	12.6	13.4	1.7'	12 42.5	+03 57	239	Irr			H II 532
NGC 5017	MCG - 3-34-	Galaxy	VIR	12.6	13.4	1.8'	13 12.9	-16 46	285	E2			H III 669
NGC 797	UGC 1541	Galaxy	AND	12.6	13.3	1.6'	02 03.5	+38 07	92	SBa			H III 566;double nebula
NGC 5513	UGC 9099	Galaxy	BOO	12.6	13.3	1.9'	14 13.1	+20 25	152	SO			H II 877
NGC 4744	ESO 323-22	Galaxy	CEN	12.6	13.3	2.1'	12 52.3	-41 04	402	SBO-a			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 352	MCG - 1- 3-	Galaxy	CET	12.6	13.3	2.4'	01 02.2	-04 15	217	SBbc			H III 191
NGC 947	ESO 545-21	Galaxy	CET	12.6	13.3	2.1'	02 28.6	-19 03	310	SBc			
NGC 1800	ESO 422-30	Galaxy	COL	12.6	13.3	2'	05 06.4	-31 57	358	E6			
NGC 6211	UGC 10516	Galaxy	DRA	12.6	13.3	1.6'	16 41.5	+57 47	52	SBO			Brightest in chain of 4 incl NGC 6213 at 2' nf
NGC 3153	UGC 5505	Galaxy	LEO	12.6	13.3	2.1'	10 12.8	+12 40	189	Sc			H III 53;comp at 5.3';PA96;0.9'X0.5';mag 15.5
NGC 2424	UGC 3959	Galaxy	LYN	12.6	13.3	3.6'	07 40.7	+39 14	69	SBb			bright nucleus in narrow bar;dark lane on one side
IC 2233	UGC 4278	Galaxy	LYN	12.6	13.3	4.6'	08 14.0	+45 44	69	SBcd			
NGC 2891	ESO 498- 8	Galaxy	PYX	12.6	13.3	1.5'	09 26.9	-24 47	323	E-SO			
NGC 3225	UGC 5631	Galaxy	UMA	12.6	13.3	2'	10 25.2	+58 09	45	Sc			H II 882
NGC 3928	UGC 6834	Galaxy	UMA	12.6	13.3	1.4'	11 51.8	+48 41	74	Elliptical			H II 740;NGC 3932 sf 5'5 is a star
NGC 3986	NGC 3966	Galaxy	UMA	12.6	13.3	2.8'	11 56.7	+32 01	107	Sa			P w IC 2978 at 4.8';NGC 3995 group
NGC 4006	IC 2983	Galaxy	VIR	12.6	13.3	1.6'	11 58.1	-02 07	237	Elliptical			
NGC 4306	Ho 381b	Galaxy	VIR	12.6	13.3	1.6'	12 22.1	+12 47	193	SBO			
NGC 4390	IC 3319-20	Galaxy	VIR	12.6	13.3	1.6'	12 25.8	+10 28	193	SBbc			H III 39
NGC 5184	UGC 8487	Galaxy	VIR	12.6	13.3	2'	13 30.2	-01 40	240	Sbc Ring			H II 680;P w NGC 5183
NGC 178	IC 39	Galaxy	CET	12.6	13.2	2.1'	00 39.1	-14 10	261	SB/P			
NGC 3771		Galaxy	CRT	12.6	13.2	1.4'	11 39.1	-09 21	282	Elliptical			
NGC 1289	IC 314	Galaxy	ERI	12.6	13.2	1.8'	03 18.8	-01 58	221	SO			
NGC 295	UGC 562	Galaxy	PSC	12.6	13.2	2.2'	00 55.1	+31 33	90	SBb			
NGC 452	UGC 820	Galaxy	PSC	12.6	13.2	2.5'	01 16.3	+31 02	91	SBab			
NGC 6707	ESO 183-25	Galaxy	TEL	12.6	13.2	2.1'	18 55.4	-53 49	435	SBc			
NGC 4352	UGC 7475	Galaxy	VIR	12.6	13.2	2'	12 24.1	+11 13	193	SO			H II 64
NGC 841	UGC 1676	Galaxy	AND	12.6	13.1	1.8'	02 11.3	+37 30	92	SBab			
NGC 7364	UGC 12174	Galaxy	AQR	12.6	13.1	1.8'	22 44.4	-00 10	258	Sa			H II 442;UGC 12174
NGC 5548	UGC 9149	Galaxy	BOO	12.6	13.1	1.5'	14 18.0	+25 08	152	Sa Ring			H II 194;Seyfert;slightly asym;eBN;F spir patt in lens
NGC 2128	UGC 3392	Galaxy	CAM	12.6	13.1	1.5'	06 04.6	+57 38	41	E-SO			
NGC 192	UGC 401	Galaxy	CET	12.6	13.1	1.9'	00 39.2	+00 52	216	SBa			H III 872;Brightest of 4;UGC 401
NGC 2538	UGC 4266	Galaxy	CMI	12.6	13.1	1.5'	08 11.4	+03 38	230	SBa			
NGC 4692	IC 823	Galaxy	COM	12.6	13.1	1.1'	12 47.9	+27 13	149	Ellip Rin			H II 381
NGC 6190	UGC 10443	Galaxy	DRA	12.6	13.1	1.4'	16 32.1	+58 26	52	Sc			
NGC 3352	UGC 5851	Galaxy	LEO	12.6	13.1	1.6'	10 44.2	+22 22	145	SO			
NGC 1762	UGC 3238	Galaxy	ORI	12.6	13.1	1.7'	05 03.6	+01 34	224	Sc			H III 453
NGC 7303	UGC 12065	Galaxy	PEG	12.6	13.1	1.5'	22 31.6	+30 57	123	Sbc			Stronly asym barred spiral
NGC 200	UGC 420	Galaxy	PSC	12.6	13.1	1.7'	00 39.6	+02 53	216	SBbc			H II 858;In NGC 182 group;UGC 420
NGC 2966	UGC 5181	Galaxy	SEX	12.6	13.1	2.2'	09 42.2	+04 40	233	SBbc			2 v broad ill defined arms;3 or 4 stellar obj superimp
NGC 3375	MCG - 2-28-	Galaxy	SEX	12.6	13.1	1.6'	10 47.0	-09 57	280	SO			
NGC 4271	UGC 7375	Galaxy	UMA	12.6	13.1	1.5'	12 19.5	+56 44	47	E-SO			H II 804
IC 4562	UGC 9928	Galaxy	BOO	12.6	13	1.2'	15 36.0	+43 30	78	Elliptical			
NGC 1616	ESO 251-10	Galaxy	CAE	12.6	13	1.8'	04 32.7	-43 43	392	Sbc			
NGC 4681	ESO 268-40	Galaxy	CEN	12.6	13	1.4'	12 47.5	-43 20	402	Sab			
NGC 5304	ESO 445-52	Galaxy	CEN	12.6	13	1.5'	13 50.0	-30 35	371	E4			
NGC 2565	UGC 4334	Galaxy	CNC	12.6	13	1.9'	08 19.8	+22 02	141	SBbc			sff of 2
NGC 1125	MCG - 3- 8-	Galaxy	ERI	12.6	13	1.8'	02 51.7	-16 39	265	SBO-a			H III 450
NGC 1329	ESO 548-15	Galaxy	ERI	12.6	13	1.4'	03 26.0	-17 36	311	Sa			
NGC 1666	MCG - 1-13-	Galaxy	ERI	12.6	13	1.4'	04 48.5	-06 34	269	SBO-a			
NGC 2342	UGC 3709	Galaxy	GEM	12.6	13	1.4'	07 09.3	+20 38	138	Sc			distorted
NGC 7118	ESO 236-45	Galaxy	GRU	12.6	13	1.4'	21 46.2	-48 21	413	E-SO			
NGC 6599	NGC 6600	Galaxy	HER	12.6	13	1.3'	18 15.7	+24 55	159	SO			
NGC 1495	ESO 249-34	Galaxy	HOR	12.6	13	3'	03 58.4	-44 28	391	Sc			
NGC 2991	UGC 5233	Galaxy	LEO	12.6	13	1.4'	09 46.8	+22 01	143	SO			Contact P w NGC 2988;sev alm stel objects in vicinity
NGC 3805	UGC 6642	Galaxy	LEO	12.6	13	1.4'	11 40.7	+20 21	147	E-SO			H III 375
NGC 2888	ESO 434- 2	Galaxy	PYX	12.6	13	1.5'	09 26.3	-28 02	364	E2			
NGC 3243	UGC 5652	Galaxy	SEX	12.6	13	1.4'	10 26.4	-02 37	235	SO			
NGC 4428	MCG - 1-32-	Galaxy	VIR	12.6	13	1.7'	12 27.5	-08 10	283	SBc			Compact spiral;P w NGC 4433 @ 7'
NGC 5382	UGC 8885	Galaxy	VIR	12.6	13	1.5'	13 58.2	+06 15	196	SO			H III 546;P w NGC 5386 at 5.2';sev comps nr
IC 1048	UGC 9483	Galaxy	VIR	12.6	13	2.2'	14 43.0	+04 53	243	S pec			
NGC 1485	UGC 2933	Galaxy	CAM	12.6	12.9	2.1'	04 05.1	+71 00	18	Sb			
NGC 4685	UGC 7954	Galaxy	COM	12.6	12.9	1.6'	12 47.2	+19 28	149	E-SO			H III 398
NGC 4763	MCG - 3-33-	Galaxy	CRV	12.6	12.9	1.6'	12 53.5	-17 00	284	SBa			H III 489
NGC 2858	UGC 4989	Galaxy	HYA	12.6	12.9	1.7'	09 22.9	+03 09	233	Sa			
NGC 2918	UGC 5112	Galaxy	LEO	12.6	12.9	1.4'	09 35.7	+31 42	103	Elliptical			H III 298
NGC 1050	UGC 2178	Galaxy	PER	12.6	12.9	1.4'	02 42.6	+34 46	93	SBa			
NGC 3260	ESO 375-40	Galaxy	ANT	12.6	12.8	1.2'	10 29.1	-35 36	366	Elliptical			
NGC 3557B	ESO 377-15	Galaxy	CEN	12.6	12.8	2'	11 09.5	-37 21	367	Elliptical			
NGC 5103	UGC 8388	Galaxy	CVN	12.6	12.8	1.4'	13 20.5	+43 05	76	Pec			acicular? main body w arc-shaped filaments;poss rings

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1419	ESO 301-23	Galaxy	ERI	12.6	12.8	1.1'	03 40.7	-37 31	356	Elliptical			
NGC 7476	ESO 290-45	Galaxy	GRU	12.6	12.8	1.4'	23 05.2	-43 06	415	SBab			
NGC 3316	ESO 501-54	Galaxy	HYA	12.6	12.8	1.4'	10 37.6	-27 36	325	SBO			
NGC 7250	UGC 11980	Galaxy	LAC	12.6	12.8	1.7"	22 18.3	+40 34	87	Sd			H III 864;Disturbed?;UGC 11980
NGC 2476	UGC 4106	Galaxy	LYN	12.6	12.8	1.4'	07 56.8	+39 56	69	Elliptical			
NGC 7057	ESO 287-17	Galaxy	MIC	12.6	12.8	1.4'	21 25.0	-42 28	413	E-SO			
NGC 7203	ESO 467- 7	Galaxy	PSA	12.6	12.8	1.6'	22 06.7	-31 10	383	SBO-a			
NGC 3385	UGC 5908	Galaxy	SEX	12.6	12.8	1.5'	10 48.2	+04 56	235	SO			P w NGC 3386 at 4.3';PA0;0.8'X0.7'
NGC 3788	UGC 6623	Galaxy	UMA	12.6	12.8	1.8'	11 39.7	+31 56	106	SBab/P			P w NGC 3786
NGC 4491	UGC 7657	Galaxy	VIR	12.6	12.8	1.6'	12 31.0	+11 29	193	SBa			H III 41;IC 3446 @ 6.4'
NGC 4599	UGC 7833	Galaxy	VIR	12.6	12.8	1.7"	12 40.4	+01 12	239	Sa			H III 509
NGC 7180	ESO 601- 6	Galaxy	AQR	12.6	12.7	1.5'	22 02.3	-20 33	346	SO			H III 693
NGC 7247	ESO 533- 8	Galaxy	AQR	12.6	12.7	1.4'	22 17.7	-23 44	347	SBb			
NGC 4065	NGC 4057	Galaxy	COM	12.6	12.7	1.1'	12 04.1	+20 14	148	Elliptical			H III 395;Brightest in cluster;Very compact
NGC 2993	MCG - 2-25-	Galaxy	HYA	12.6	12.7	1.8'	09 45.8	-14 22	278	Sa			H III 278
NGC 4980	ESO 443-75	Galaxy	HYA	12.6	12.7	1.6'	13 09.2	-28 39	370	SBa			
NGC 5150	ESO 444-43	Galaxy	HYA	12.6	12.7	1.3'	13 27.6	-29 34	370	SBbc			
NGC 6646	UGC 11258	Galaxy	LYR	12.6	12.7	1.2'	18 29.6	+39 52	82	Sa			H II 907
NGC 5980	UGC 9974	Galaxy	SER	12.6	12.7	1.9'	15 41.5	+15 47	199	Sc			H II 655;P w IC 1133
NGC 3757	UGC 6584	Galaxy	UMA	12.6	12.7	1.1'	11 37.0	+58 25	47	SO			H III 843
NGC 907	ESO 545-10	Galaxy	CET	12.6	12.6	1.9'	02 23.0	-20 43	309	SBd			H III 224
NGC 6359	UGC 10804	Galaxy	DRA	12.6	12.6	1.3'	17 17.9	+61 47	29	E-SO			
NGC 2699	MCG 0-23-	Galaxy	HYA	12.6	12.6	1.1'	08 55.8	-03 08	232	Elliptical			
NGC 6970	ESO 235- 8	Galaxy	IND	12.6	12.6	1.4'	20 52.2	-48 47	412	SBa			
NGC 2882	UGC 5030	Galaxy	LEO	12.6	12.6	1.5'	09 26.6	+07 57	188	S pec			
NGC 3985	UGC 6921	Galaxy	UMA	12.6	12.6	1'	11 56.7	+48 20	74	SB			H III 707
NGC 3990	UGC 6938	Galaxy	UMA	12.6	12.6	1.4'	11 57.6	+55 27	47	E-SO			H II 791;P w NGC 3998 at 2.9';PA96
NGC 4686	UGC 7946	Galaxy	UMA	12.6	12.6	2'	12 46.7	+54 32	48	Sa			H II 795;Brightest in group
NGC 5958	UGC 9909	Galaxy	CRB	12.6	12.5	1'	15 34.8	+28 39	112	Sc			H II 399;Peculiar?
NGC 964	IC 1814	Galaxy	FOR	12.6	12.5	2.1'	02 31.1	-36 02	354	Sab			
NGC 7634	UGC 12542	Galaxy	PEG	12.6	12.5	1.2'	23 21.7	+08 53	214	SBO			H II 441;Brightest of 3
NGC 3043	UGC 5327	Galaxy	UMA	12.6	12.5	1.7"	09 56.2	+59 18	45	Sb			H II 835
NGC 3648	UGC 6389	Galaxy	UMA	12.6	12.5	1.3'	11 22.5	+39 53	73	SO			
NGC 5475	UGC 9016	Galaxy	UMA	12.6	12.5	1.9'	14 05.2	+55 45	49	Sa			H II 800
NGC 4370	UGC 7492	Galaxy	VIR	12.6	12.5	1.3'	12 24.9	+07 27	193	Sa			H II 144;NGC 4365 @ 10 '
NGC 425	UGC 758	Galaxy	AND	12.6	12.4	1'	01 13.0	+38 46	91	S pec			
NGC 7465	UGC 12317	Galaxy	PEG	12.6	12.4	1.2'	23 02.0	+15 58	213	SBO			H III 211;NGC 7448 group;UGC 12317
NGC 6010	UGC 10081	Galaxy	SER	12.6	12.4	2'	15 54.3	+00 33	245	Sa			H II 583
IC 4946	New 5	Galaxy	SGR	12.6	12.4	2.4'	20 23.9	-44 00	411	SAB			
NGC 3762	UGC 6591	Galaxy	UMA	12.6	12.4	1.8'	11 37.4	+61 46	25	Sa			H II 837
UGC 6591	NGC 3762	Galaxy	UMA	12.6	12.4	1.9'	11 37.4	+61 46	106	Sdm			
NGC 4180	NGC 4182	Galaxy	VIR	12.6	12.4	1.5'	12 13.1	+07 02	193	Sab			H II 133
NGC 5611	UGC 9227	Galaxy	BOO	12.6	12.3	1.3'	14 24.1	+33 03	111	SO			comp at 3' pa 10
NGC 6796	UGC 11432	Galaxy	DRA	12.6	12.3	1.9"	19 21.5	+61 09	31	Sbc			
NGC 2698	MCG 0-23-	Galaxy	HYA	12.6	12.3	1.5'	08 55.6	-03 11	232	Sa			
NGC 3457	NGC 3460	Galaxy	LEO	12.6	12.3	0.9'	10 54.8	+17 37	145	Compac			
NGC 7443	MCG - 2-58-	Galaxy	AQR	12.6	12.2	1.4'	23 00.1	-12 49	303	Sa			H II 450
NGC 992	UGC 2103	Galaxy	ARI	12.6	11.9	0.9"	02 37.4	+21 06	130	Sc			
NGC 489	UGC 908	Galaxy	PSC	12.6	11.9	1.7"	01 21.9	+09 12	173	S pec			
NGC 2452	PK 243-1.1	Pln Neb	PUP	12.6	9.4	22"	07 47.4	-27 20	320	4(3)		17.5	
PK 232- 1.1	M1-13	Pln Neb	CMA	12.6	9	42.0"	07 21.2	-18 08	319				
PK 52- 2.2	Merrill 1-1	Pln Neb	AQL	12.6	7.7	8.0"	19 39.1	+15 56	207	4		14.1	Stellar
IC 2003	PK 161-14.1	Pln Neb	PER	12.6	7.4	10.8"	03 56.4	+33 53	95	2		15.3	
PK 2- 9.1	Cannon 1-5	Pln Neb	SGR	12.6	7.2	7.0"	18 29.2	-31 30	378			15.2	
IC 5217	PK 100-5.1	Pln Neb	LAC	12.6	6.6	7.5"	22 23.9	+50 58	57	2		14.6	
NGC 6884	PK 82+7.1	Pln Neb	CYG	12.6	6	5.6"	20 10.4	+46 28	84	2b		16.7	
NGC 2640	ESO 165- 2	Galaxy	CAR	12.7	-	2.2'	08 37.4	-55 07	425	E-SO B			
PK 86- 8.1	Hu 1-2	Pln Neb	CYG	12.7	-	32.0"	21 33.1	+39 38	86	2		17.3	Egg timer shape in 100" scope
NGC 6550	NGC 6548	Galaxy	HER	12.7	-	2.9'	18 06.0	+18 35	159	SBO			
Abell 1060	Hydra I	Gal CL	HYA	12.7	-	168'	10 36.8	-27 32	325	1 0 II			5 Gal/Deg; 50 galaxies
PK 355- 3.3	He2-228	Pln Neb	SCO	12.7	-	2"	17 49.2	-34 23	377			15.4	
PK 286+ 2.1	He2- 55	Pln Neb	VEL	12.7	-	18"	10 48.8	-56 03	427				
NGC 4407	NGC 4413	Galaxy	VIR	12.7	-	2.3'	12 26.5	+12 37	193	SBab Ri			
UGC 7490	PGC 40367	Galaxy	DRA	12.7	15.1	3.3'	12 24.3	+70 20	25	SAm			
NGC 708	UGC 1348	Galaxy	AND	12.7	14.9	3'	01 52.8	+36 09	92	E2			H III 565;Brightest in group which incl NGC 703-4-5

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4441	UGC 7572	Galaxy	DRA	12.7	14.8	3.2'	12 27.3	+64 48	25	SBO-a			H II 848
UGC 6628	MCG +08-21	Galaxy	UMA	12.7	14.8	3.4'	11 40.1	+45 55	74	Sm			
UGC 10862	PGC 60346	Galaxy	OPH	12.7	14.7	2.7'	17 28.2	+07 26	203	SB(rs)c			
UGC 8614	PGC 48122	Galaxy	BOO	12.7	14.5	3.4'	13 37.4	+07 39	196	Ir+			
UGC 11124	MCG +06-40	Galaxy	HER	12.7	14.5	2.7'	18 07.5	+35 33	116	SBc			
NGC 6255	UGC 10606	Galaxy	HER	12.7	14.4	3.6'	16 54.8	+36 30	114	SBc			H III 689;UGC 10606
NGC 6339	UGC 10790	Galaxy	HER	12.7	14.3	2.9'	17 17.1	+40 51	81	SBcd			
NGC 5705	UGC 9447	Galaxy	VIR	12.7	14.3	3'	14 39.8	-00 43	242	SBcd			NGC 5713 at 26.5' PA 12
NGC 2575	UGC 4368	Galaxy	CNC	12.7	14.2	2.3'	08 22.8	+24 18	141	Sc			
NGC 3074	UGC 5366	Galaxy	LMI	12.7	14.2	2.3'	09 59.7	+35 24	104	Sc			H III 542;SN 1965n;comp 4.7';PA122;0.5'X0.2'
NGC 766	UGC 1458	Galaxy	PSC	12.7	14.2	2'	01 58.7	+08 21	174	Elliptical			Brightest of 4
NGC 7757	UGC 12788	Galaxy	PSC	12.7	14.2	2.4'	23 48.8	+04 10	215	Sc			
NGC 974	UGC 2049	Galaxy	TRI	12.7	14.2	3'	02 34.4	+32 57	93	Sb			P w NGC 969
NGC 183	UGC 387	Galaxy	AND	12.7	14.1	2.1'	00 38.5	+29 31	90	Elliptical			
NGC 3113	ESO 435-35	Galaxy	ANT	12.7	14.1	3.3'	10 04.4	-28 27	365	SBcd			
NGC 1343	UGC 2792	Galaxy	CAS	12.7	14.1	2.6'	03 37.8	+72 34	5	SB/P			heavy ringshaped nucleus;B blue neutral ring core
NGC 6154	UGC 10382	Galaxy	HER	12.7	14.1	2.1'	16 25.5	+49 50	80	SBa			H III 680
NGC 2771	UGC 4817	Galaxy	UMA	12.7	14.1	2.3'	09 10.7	+50 23	44	SBab			P w NGC 2769;2769 group
NGC 4411A	NGC 4411-1	Galaxy	VIR	12.7	14.1	2'	12 26.5	+08 52	193	SBd			NGC 4411B @ 4.3
IC 3476	UGC 7695	Galaxy	COM	12.7	14	2.2'	12 32.7	+14 03	194	Ir+			
NGC 7664	UGC 12598	Galaxy	PEG	12.7	14	2.6'	23 26.7	+25 05	169	Sc			
UGC 4238	MCG +13-06	Galaxy	CAM	12.7	13.9	2.4'	08 11.5	+76 26	7	SBd			
NGC 5301	UGC 8711	Galaxy	CVN	12.7	13.9	4'	13 46.4	+46 06	76	SBc			B bulge part obs by dk lane;vSN or no def N; 2 arms
NGC 626	ESO 297- 6	Galaxy	SCL	12.7	13.9	1.9'	01 35.2	-39 09	388	SBc			
NGC 621	UGC 1147	Galaxy	TRI	12.7	13.9	1.9'	01 36.8	+35 31	91	SBO			
NGC 688	UGC 1302	Galaxy	TRI	12.7	13.9	2.4'	01 50.7	+35 17	92	SBb			
NGC 4662	UGC 7917	Galaxy	CVN	12.7	13.8	1.9'	12 44.4	+37 07	108	SBbc			H II 643
NGC 7214	ESO 467-12	Galaxy	PSA	12.7	13.8	2.7'	22 09.1	-27 49	347	SBc/P			
NGC 3246	UGC 5661	Galaxy	SEX	12.7	13.8	2.4'	10 26.7	+03 52	235	SBd			
NGC 4246	IC 3113	Galaxy	VIR	12.7	13.8	2.3'	12 18.0	+07 11	193	Sc			H III 91
NGC 5876	UGC 9747	Galaxy	BOO	12.7	13.7	2.4'	15 09.5	+54 30	50	SBab			
NGC 4359	UGC 7483	Galaxy	COM	12.7	13.7	3.5'	12 24.2	+31 31	108	SBc			H III 648
NGC 7162	ESO 288-26	Galaxy	GRU	12.7	13.7	2.8'	21 59.6	-43 18	413	Sc			
NGC 3208	ESO 500-25	Galaxy	HYA	12.7	13.7	1.8'	10 19.7	-25 49	324	SBc			
NGC 5951	UGC 9895	Galaxy	SER	12.7	13.7	3.6'	15 33.7	+15 00	199	SBc			H II 654;=Ho 713a. (Ho 713b at 1'5 ia a *)
NGC 5636	UGC 9304	Galaxy	VIR	12.7	13.7	1.6'	14 29.7	+03 16	242	SBO-a F			H II 580;NGC 5638 group;vsBN;F bar
NGC 759	UGC 1440	Galaxy	AND	12.7	13.6	1.8'	01 57.8	+36 21	92	EO			P w NGC 753
NGC 5454	UGC 8997	Galaxy	BOO	12.7	13.6	1.8'	14 04.8	+14 23	196	SO			P w UGC 8996 15.5mag 1.7'x0.2'
NGC 5514	UGC 9102	Galaxy	BOO	12.7	13.6	1.4'	14 13.6	+07 40	197	Sab			Double contact system is distorted w plumes
NGC 5675	UGC 9357	Galaxy	BOO	12.7	13.6	2.8'	14 32.7	+36 18	111	SBb			H II 422
NGC 3637	MCG - 2-29-	Galaxy	CRT	12.7	13.6	1.8'	11 20.7	-10 15	281	SBO Ring			H II 551
NGC 6575	UGC 11138	Galaxy	HER	12.7	13.6	1.8'	18 11.0	+31 07	116	Elliptical			P w IC 1277
NGC 26	UGC 94	Galaxy	PEG	12.7	13.6	2.1'	00 10.4	+25 50	125	Sab Ring			
NGC 2550A	UGC 4397	Galaxy	CAM	12.7	13.5	1.6'	08 28.7	+73 45	7	Sc			slightly asym patchy arms
NGC 145	Arp 19	Galaxy	CET	12.7	13.5	1.8'	00 31.8	-05 09	216	SBd			
NGC 1165	ESO 417- 8	Galaxy	FOR	12.7	13.5	2.5'	02 58.8	-32 06	354	SBa			
NGC 3862	UGC 6723	Galaxy	LEO	12.7	13.5	1.5'	11 45.1	+19 36	147	Elliptical			H III 385
NGC 7653	IC 1488	Galaxy	PEG	12.7	13.5	1.6'	23 24.8	+15 17	214	Sb			UGC 12586
NGC 3978	UGC 6910	Galaxy	UMA	12.7	13.5	1.7'	11 56.2	+60 31	47	SBbc			comp 2 ' ;PA292;0.6'x0.25';comp 3.8';PA22;0.5'X0.12'
NGC 163	MCG - 2- 2-	Galaxy	CET	12.7	13.4	1.6'	00 36.0	-10 07	261	E0			H III 954
NGC 1369	ESO 358-G0	Galaxy	FOR	12.7	13.4	1.5'	03 36.8	-36 15	355	SBO-a			
NGC 6408	UGC 10930	Galaxy	HER	12.7	13.4	1.6'	17 38.8	+18 53	158	SBa			
NGC 1483	ESO 201- 7	Galaxy	HOR	12.7	13.4	1.6'	03 52.8	-47 29	391	SBbc			
NGC 2861	UGC 4999	Galaxy	HYA	12.7	13.4	1.5'	09 23.6	+02 08	233	SBbc			nnp of 2;interaction?
NGC 6984	ESO 235-20	Galaxy	IND	12.7	13.4	1.8'	20 57.9	-51 52	437	SBc			
NGC 3509	UGC 6134	Galaxy	LEO	12.7	13.4	1.4'	11 04.4	+04 50	236	SBbc			H II 598;large luminous system;strongly peculiar
NGC 2377	UGCA 132	Galaxy	MON	12.7	13.4	1.7'	07 24.9	-09 40	274	Sc			
NGC 1670	MCG 0-13-	Galaxy	ORI	12.7	13.4	2.1'	04 49.7	-02 46	224	SO			H III 501
IC 1295	PK 25-4.2	Pln Neb	SCT	12.7	13.4	102"	18 54.6	-08 50	295	3b(2)		15	Often mislabeled IC 1298
NGC 4433	MCG - 1-32-	Galaxy	VIR	12.7	13.4	2.2'	12 27.6	-08 17	283	SBbc			
NGC 5684	UGC 9402	Galaxy	BOO	12.7	13.3	1.5'	14 35.8	+36 33	111	SO			H III 421;sev faint comp in field;all 15 mag and fainter
NGC 5762	UGC 9535	Galaxy	BOO	12.7	13.3	1.5'	10 48.7	+12 27	198	S pec			B main body;comp 3.2';*RA in UGC disagrees w CGCG
NGC 279	UGC 532	Galaxy	CET	12.7	13.3	1.6'	00 52.1	-02 13	217	Sa			H III 439;UGC 532;Mrk 558
NGC 1618	MCG - 1-12-	Galaxy	ERI	12.7	13.3	2.4'	04 36.1	-03 09	224	SBb			H II 524;In NGC 1618-1625 grp;P w NGC 1622 at 7'8
NGC 775	ESO 477-18	Galaxy	FOR	12.7	13.3	1.7'	01 58.5	-26 18	309	SB Ring			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 6570	UGC 11137	Galaxy	OPH	12.7	13.3	1.9'	18 11.1	+14 06	204	SBm			
NGC 1713	UGC 3222	Galaxy	ORI	12.7	13.3	1.4'	04 58.9	-00 29	224	Elliptical			H II 516
NGC 6878	ESO 284-31	Galaxy	SGR	12.7	13.3	1.6'	20 13.9	-44 32	411	SBb			
NGC 614	NGC 627	Galaxy	TRI	12.7	13.3	1.4'	01 35.9	+33 41	91	SO			H III 174;UGC 1140
NGC 670	UGC 1250	Galaxy	TRI	12.7	13.3	2.1'	01 47.4	+27 53	128	SO			H II 611
NGC 4020	UGC 6971	Galaxy	UMA	12.7	13.3	1.9'	11 58.9	+30 25	107	SBcd			H II 725
NGC 4309	Ho 382a	Galaxy	VIR	12.7	13.3	1.8'	12 22.2	+07 09	193	SBO-a			
NGC 523	NGC 537	Galaxy	AND	12.7	13.2	2.5'	01 25.3	+34 01	91	Sbc			H III 170?;Peculiar;UGC 979
NGC 911	UGC 1878	Galaxy	AND	12.7	13.2	1.7'	02 25.7	+41 57	62	Elliptical			
NGC 7081	UGC 11759	Galaxy	AQR	12.7	13.2	1.3'	21 31.4	+02 29	255	Sb			H III 859;UGC 11759
NGC 827	UGC 1640	Galaxy	CET	12.7	13.2	2.3'	02 08.9	+07 58	174	Sbc			H III 227
NGC 1004	UGC 2112	Galaxy	CET	12.7	13.2	1.4'	02 37.7	+01 59	220	Elliptical			Dense part of clstr;comp 3.9';PA83;.5X0.12;4.9';PA67
NGC 2508	UGC 4174	Galaxy	CMI	12.7	13.2	1.4'	08 02.0	+08 33	185	Elliptical			H III 7
NGC 4146	UGC 7163	Galaxy	COM	12.7	13.2	1.4'	12 10.3	+26 26	148	SBab			H III 327;SN 1963d
NGC 4506	UGC 7682	Galaxy	COM	12.7	13.2	1.6'	12 32.2	+13 25	194	SBa			H II 631
NGC 3256C	ESO 263-41	Galaxy	VEL	12.7	13.2	1.7'	10 29.1	-43 51	399	SBcd			
NGC 4482	IC 3427	Galaxy	VIR	12.7	13.2	1.7'	12 30.2	+10 47	193	Elliptical			H III 40
NGC 1469	UGC 2909	Galaxy	CAM	12.7	13.1	1.9'	04 00.5	+68 35	18	SO			
NGC 4619	UGC 7856	Galaxy	CVN	12.7	13.1	1.3'	12 41.7	+35 04	108	SBb/P			H II 411
NGC 6079	IC 1200	Galaxy	DRA	12.7	13.1	1.4'	16 04.5	+69 40	28	Elliptical			H III 884;P w IC 1201 at 7' PA 126
NGC 6189	NGC 6191	Galaxy	DRA	12.7	13.1	1.9'	16 31.7	+59 38	52	Sbc			
NGC 3383	ESO 501-97	Galaxy	HYA	12.7	13.1	1.4'	10 47.3	-24 26	325	SBbc			
NGC 3053	UGC 5329	Galaxy	LEO	12.7	13.1	1.8'	09 55.6	+16 26	189	SBa			H III 600;UGC 5332 at 3.8';PA108;mag17;1.2'X0.3'
NGC 3209	UGC 5584	Galaxy	LEO	12.7	13.1	1.3'	10 20.6	+25 30	144	Elliptical			brightest in group
NGC 7660	UGC 12594	Galaxy	PEG	12.7	13.1	1.4'	23 25.8	+27 02	169	Elliptical			
NGC 7779	UGC 12831	Galaxy	PSC	12.7	13.1	1.4'	23 53.4	+07 53	170	Sa			H III 232;NGC 7782 group
NGC 441	ESO 412-19	Galaxy	SCL	12.7	13.1	1.4'	01 13.9	-31 47	352	SBO-a			
NGC 6020	IC 1148	Galaxy	SER	12.7	13.1	1.4'	15 57.1	+22 24	155	E3			
NGC 3971	NGC 3984	Galaxy	UMA	12.7	13.1	1.4'	11 55.6	+30 00	107	SO			H II 724;P w UGC 6905
NGC 4234	Ho 358a	Galaxy	VIR	12.7	13.1	1.2'	12 17.2	+03 41	238	Ir			Ho 358b @ 1.9' is a *
NGC 4598	UGC 7829	Galaxy	VIR	12.7	13.1	1.4'	12 40.2	+08 23	194	SBO			H III 105
NGC 794	IC 191;H III	Galaxy	ARI	12.7	13	1.3'	02 02.5	+18 22	129	E-SO			UGC 1528
NGC 1668	ESO 251-30	Galaxy	CAE	12.7	13	1.6'	04 46.1	-44 44	392	E-SO Ba			
NGC 5397	ESO 384-31	Galaxy	CEN	12.7	13	1.4'	14 01.2	-33 57	371	E-SO Ba			
NGC 4670	UGC 7930	Galaxy	COM	12.7	13	1.4'	12 45.3	+27 08	149	SBO-a			H III 328;P w NGC 4673 @ 5.6'
NGC 5116	UGC 8410	Galaxy	COM	12.7	13	2'	13 22.9	+26 59	150	Sbc			H III 368;vsBN v narrow bar 2 main filam branch arms
NGC 1403	ESO 482-25	Galaxy	ERI	12.7	13	1.3'	03 39.2	-22 23	312	E-SO Ba			
NGC 6447	UGC 10975	Galaxy	HER	12.7	13	1.6'	17 46.3	+35 34	116	SBbc			P w NGC 6446 at 2' p;BM w slender arms
NGC 5734	ESO 580-16	Galaxy	LIB	12.7	13	1.5'	14 45.2	-20 52	333	SO			
NGC 3325	UGC 5795	Galaxy	SEX	12.7	13	1.2'	10 39.3	-00 12	235	Elliptical			brightest of 3
NGC 7650	ESO 148-10	Galaxy	TUC	12.7	13	1.4'	23 25.3	-57 48	439	Sbc			
NGC 5183	UGC 8485	Galaxy	VIR	12.7	13	1.9'	13 30.1	-01 43	240	Sb			H II 679;P w NGC 5184 at 3.7'
NGC 5839	UGC 9693	Galaxy	VIR	12.7	13	1.3'	15 05.5	+01 38	243	SO			H II 541;NGC 5846 group
NGC 29	NGC 21	Galaxy	AND	12.7	12.9	1.5'	00 10.8	+33 21	89	SBbc			H II 853;UGC 100
NGC 551	UGC 1034	Galaxy	AND	12.7	12.9	1.8'	01 27.7	+37 11	91	SBbc			H III 560
NGC 1218	3C78	Galaxy	CET	12.7	12.9	1.3'	03 08.4	+04 07	221	Sa			
NGC 4227	UGC 7296	Galaxy	CVN	12.7	12.9	1.5'	12 16.6	+33 31	107	SBO-a			H II 518;P w NGC 4229
NGC 4391	UGC 7511	Galaxy	DRA	12.7	12.9	1.1'	12 25.3	+64 56	25	E-SO			H III 852
NGC 1428	ESO 358-53	Galaxy	FOR	12.7	12.9	1.6'	03 42.4	-35 09	356	SO			
NGC 6697	UGC 11349	Galaxy	HER	12.7	12.9	1.2'	18 45.2	+25 31	160	Elliptical			
NGC 1794	NGC 1781	Galaxy	LEP	12.7	12.9	1.3'	05 07.9	-18 11	315	SBO			
NGC 2524	UGC 4234	Galaxy	LYN	12.7	12.9	1.4'	08 08.2	+39 09	69	Sa			
NGC 633	ESO 297-11	Galaxy	SCL	12.7	12.9	1.4'	01 36.4	-37 19	352	SBb			
NGC 3250B	ESO 317-29	Galaxy	VEL	12.7	12.9	2.2'	10 27.7	-40 26	399	SBa			
NGC 4683	ESO 322-83	Galaxy	CEN	12.7	12.8	1.3'	12 47.7	-41 32	402	E-SO Ba			
NGC 2295	ESO 490-47	Galaxy	CMA	12.7	12.8	2.1'	06 47.4	-26 44	318	Sab			
NGC 3028	ESO 566-16	Galaxy	HYA	12.7	12.8	1.3'	09 49.9	-19 11	323	Sb			
NGC 5048	ESO 443-87	Galaxy	HYA	12.7	12.8	1.5'	13 16.1	-28 25	370	E-SO			
NGC 2906	UGC 5081	Galaxy	LEO	12.7	12.8	1.4'	09 32.1	+08 27	188	Sc			H II 495
NGC 3800	UGC 6634	Galaxy	LEO	12.7	12.8	2'	11 40.2	+15 21	192	SBb/P			H II 103;P w NGC 3799
NGC 2470	UGC 4091	Galaxy	CMI	12.7	12.7	2'	07 54.3	+04 28	230	Sab			
NGC 1812	ESO 422-39	Galaxy	COL	12.7	12.7	1.2'	05 08.9	-29 15	358	Sa			
NGC 6109	UGC 10316	Galaxy	CRB	12.7	12.7	1'	16 17.7	+35 00	113	SO			
NGC 7075	ESO 343- 4	Galaxy	GRU	12.7	12.7	1.2'	21 31.5	-38 37	382	Elliptical			
NGC 3072	ESO 566-33	Galaxy	HYA	12.7	12.7	1.9'	09 57.4	-19 21	324	Sa			H III 273

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4806	ESO 443-12	Galaxy	HYA	12.7	12.7	1.2'	12 56.2	-29 30	369	SB Ring			
NGC 3559	NGC 3560	Galaxy	LEO	12.7	12.7	1.3'	11 10.8	+12 01	191	S pec			H III 79;spiral-type obj w complex str
NGC 7628	UGC 12534	Galaxy	PEG	12.7	12.7	1.1'	23 20.9	+25 54	169	Elliptical			
NGC 7306	ESO 468-11	Galaxy	PSA	12.7	12.7	1.7"	22 33.3	-27 15	347	Sb Ring			
NGC 392	UGC 700	Galaxy	PSC	12.7	12.7	1.2"	01 08.4	+33 08	91	E-SO			H II 218;Brightest of 3;UGC 700
NGC 7778	UGC 12827	Galaxy	PSC	12.7	12.7	1'	23 53.3	+07 52	170	Elliptical			H III 231;NGC 7782 group
NGC 4296	UGC 7409	Galaxy	VIR	12.7	12.7	1.4'	12 21.5	+06 39	193	SBO			H III 92
NGC 21	NGC 29	Galaxy	AND	12.7	12.6	1.5'	00 10.8	+33 21	89	SBbc			
NGC 5602	UGC 9210	Galaxy	BOO	12.7	12.6	1.5'	14 22.3	+50 30	49	Sa			H II 694
NGC 833	MCG - 2- 6-	Galaxy	CET	12.7	12.6	1.5'	02 09.3	-10 08	264	Sap			H II 482
NGC 842	MCG - 1- 6-	Galaxy	CET	12.7	12.6	1.1'	02 09.8	-07 46	264	SO			
NGC 2492	UGC 4138	Galaxy	GEM	12.7	12.6	1'	07 59.5	+27 02	140	E-SO			compact
NGC 4600	UGC 7832	Galaxy	VIR	12.7	12.6	1.2'	12 40.4	+03 07	239	SO			H II 577
NGC 4696B	ESO 322-81	Galaxy	CEN	12.7	12.5	1.2'	12 47.4	-41 14	402	E-SO			
NGC 550	UGC 1021	Galaxy	CET	12.7	12.5	1.4'	01 26.7	+02 01	218	Sa			H II 463;UGC 1021
NGC 2211	ESO 556-13	Galaxy	CMA	12.7	12.5	1.4'	06 18.5	-18 32	317	SBO			
NGC 7362	UGC 12171	Galaxy	PEG	12.7	12.5	1.1'	22 43.8	+08 42	213	Elliptical			Compact
NGC 6708	ESO 183-27	Galaxy	TEL	12.7	12.5	1.2'	18 55.6	-53 43	435	Sb			
NGC 2469	UGC 4111	Galaxy	LYN	12.7	12.4	1'	07 58.1	+56 41	43	SB/P			H III 836
NGC 2990	UGC 5229	Galaxy	SEX	12.7	12.4	1.1'	09 46.3	+05 43	188	Sc			H II 624;bright nucleus;2 main arms;poor resolution
NGC 3809	UGC 6649	Galaxy	UMA	12.7	12.4	1'	11 41.3	+59 53	47	SO			
NGC 3654	UGC 6407	Galaxy	UMA	12.7	12.3	1.2'	11 24.2	+69 25	25	S pec			H II 880
NGC 7712	UGC 12694	Galaxy	PEG	12.7	12.1	0.9'	23 35.9	+23 37	169	S pec			peculiar
NGC 3994	UGC 6936	Galaxy	UMA	12.7	12	0.9'	11 57.6	+32 17	107	Scp			P w NGC 3995 at 2 ' ;PA242
PK 45- 2.1	VY 2-2	Pln Neb	AQL	12.7	9.6	14.0"	19 24.4	+09 54	206	1		14.6	
PK 283+ 2.1	Mayall 60	Pln Neb	VEL	12.7	8.2	8"	10 31.6	-55 20	427			17.2	
PK 327+13.	He2-118	Pln Neb	LUP	12.7	7.3	5"	15 06.2	-43 01	405			18.7	
NGC 206		C+N+G	AND	12.8	-	1.8'	00 40.5	+40 44	60	Pec			A star cloud in the south end of Andromeda Galaxy
NGC 674	NGC 697	Galaxy	ARI	12.8	-	4.4'	01 51.3	+22 21	128	SBbc			
NGC 5396	NGC 5375	Galaxy	CVN	12.8	-	3.3'	13 56.9	+29 10	110	SBab			H III 125
NGC 1455	NGC 1452	Galaxy	ERI	12.8	-	2.3'	03 45.4	-18 38	312	SBO-a F			
NGC 1689	NGC 1667	Galaxy	ERI	12.8	-	1.8'	04 48.6	-06 19	269	SBc			
NGC 6610	NGC 6574	Galaxy	HER	12.8	-	1.5'	18 11.9	+14 59	204	SBbc			
NGC 2727	NGC 2708	Galaxy	HYA	12.8	-	2.7'	08 56.1	-03 22	232	Sb			
NGC 3604	NGC 3611	Galaxy	LEO	12.8	-	2'	11 17.5	+04 33	236	Sa			H II 626
PK 13+32.1	Shane 1	Pln Neb	SER	12.8	-	6.0"	16 21.1	+00 17	246			14.7	Stellar
PK 2- 6.2	He2-380	Pln Neb	SGR	12.8	-	7"	18 16.3	-30 08	377	1		14.7	
NGC 4046	NGC 4045	Galaxy	VIR	12.8	-	3.1'	12 02.7	+01 59	238	Sba Ring			
NGC 4409	NGC 4420	Galaxy	VIR	12.8	-	2'	12 27.0	+02 30	238	SBbc			H III 17
NGC 4888	NGC 4879	Galaxy	VIR	12.8	-	1.1'	13 00.6	-06 05	284	S pec			H II 778
NGC 765	UGC 1455	Galaxy	ARI	12.8	14.9	2.7'	01 58.8	+24 54	129	SBbc Ri			low surface br outside of 2.3'
NGC 984	UGC 2059	Galaxy	ARI	12.8	14.6	3'	02 34.7	+23 25	130	Sa			
NGC 5783	NGC 5785	Galaxy	BOO	12.8	14.4	2.9"	14 53.5	+52 05	50	SBc			
IC 65	UGC 625	Galaxy	AND	12.8	14.3	3.9"	01 00.9	+47 41	60	SBbc			
NGC 101	ESO 350-14	Galaxy	SCL	12.8	14.3	2.1'	00 23.9	-32 32	351	SBc			
NGC 3755	UGC 6577	Galaxy	UMA	12.8	14.3	3.4'	11 36.6	+36 25	106	SBc/P			
NGC 5945	UGC 9871	Galaxy	BOO	12.8	14.2	2.1'	15 29.7	+42 55	78	SBab			
NGC 1879	ESO 423- 6	Galaxy	COL	12.8	14.2	2.5'	05 19.8	-32 09	358	SBp			
NGC 3173	ESO 500-16	Galaxy	ANT	12.8	14.1	2.1'	10 14.6	-27 42	324	Sc			
NGC 6924	ESO 528-16	Galaxy	CAP	12.8	14.1	2'	20 33.3	-25 29	344	E-SO			
NGC 6329	UGC 10771	Galaxy	HER	12.8	14.1	1.8'	17 14.3	+43 41	81	Elliptical			Sev galaxies near
NGC 3299	UGC 5761	Galaxy	LEO	12.8	14.1	1.9'	10 36.4	+12 42	190	SBd			H III 54;NGC 3306 group;UGC 5761
NGC 3664	UGC 6419	Galaxy	LEO	12.8	14.1	2'	11 24.4	+03 20	236	SB/P			strongly asym
UGC 9858	PGC 55104	Galaxy	BOO	12.8	14	4.4'	15 26.6	+40 34	78	S(B)b+			
NGC 7151	ESO 237-15	Galaxy	IND	12.8	14	2.9"	21 55.1	-50 40	438	SBc			
NGC 3555	ZWG 125. 34	Galaxy	LEO	12.8	14	0.4'	11 09.8	+21 49	146	SO			
NGC 5239	UGC 8589	Galaxy	BOO	12.8	13.9	1.8'	13 36.4	+07 22	196	SBbc			H III 101;dif irr annex n;disrupted spir arm?
NGC 3940	UGC 6852	Galaxy	LEO	12.8	13.9	1.7'	11 52.8	+20 59	147	Elliptical			H III 380
NGC 931	UGC 1935	Galaxy	TRI	12.8	13.9	3.9"	02 28.2	+31 19	93	Sbc			
NGC 5335	UGC 8791	Galaxy	VIR	12.8	13.9	2.1'	13 52.9	+02 49	241	SBb			
NGC 5772	UGC 9566	Galaxy	BOO	12.8	13.8	2.1'	14 51.6	+40 36	78	Sb			vBN 0.5'X0.35';poor res
NGC 2535	UGC 4264	Galaxy	CNC	12.8	13.8	2.5'	08 11.2	+25 12	140	Scp			2 long v open arms;2536 is comp at tip of 1 arm;bridge
NGC 4841A	NGC 4841-1	Galaxy	COM	12.8	13.8	1.7'	12 57.5	+28 29	108	Elliptical			H II 387;separation from NGC 4841B is 0.7'
NGC 7107	ESO 287-52	Galaxy	GRU	12.8	13.8	2.1'	21 42.4	-44 48	413	SBd			
NGC 3399	MCG 3-28-	Galaxy	LEO	12.8	13.8	1.7'	10 49.5	+16 13	190	SO			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4712	UGC 7977;H	Galaxy	COM	12.8	13.7	2.3'	12 49.6	+25 28	149	Sbc			NGC 4725 @ 12 ' '
NGC 3905	MCG - 1-30-	Galaxy	CRT	12.8	13.7	1.9'	11 49.1	-09 44	282	SBbc			
NGC 7274	UGC 12026	Galaxy	LAC	12.8	13.7	1.5'	22 24.2	+36 08	123	Elliptical			brightest of 3
NGC 3230	UGC 5624	Galaxy	LEO	12.8	13.7	2.3'	10 23.7	+12 34	189	SO			
NGC 575	IC 1710	Galaxy	PSC	12.8	13.7	1.7'	01 30.8	+21 26	128	SBc			
NGC 7816	UGC 16	Galaxy	PSC	12.8	13.7	1.7'	00 03.8	+07 29	170	Sbc			H III 436
NGC 4239	UGC 7316	Galaxy	COM	12.8	13.6	1.8'	12 17.2	+16 32	193	Elliptical			
NGC 7025	UGC 11681	Galaxy	DEL	12.8	13.6	1.9'	21 07.8	+16 20	210	Sa			
NGC 3061	UGC 5319	Galaxy	DRA	12.8	13.6	1.7'	09 56.2	+75 52	8	SBc			H II 903?
NGC 3617	ESO 503-12	Galaxy	HYA	12.8	13.6	2.8'	11 17.8	-26 08	326	Elliptical			
NGC 3361	MCG - 2-28-	Galaxy	SEX	12.8	13.6	2.1'	10 44.5	-11 13	280	SBc			
IC 3583	UGC 7784	Galaxy	VIR	12.8	13.6	2.2'	12 36.7	+13 16	194	Ir+			P w NGC 4569
NGC 3120	ESO 374-29	Galaxy	ANT	12.8	13.5	1.8'	10 05.4	-34 13	365	SBbc			
NGC 5016	UGC 8279	Galaxy	COM	12.8	13.5	1.7'	13 12.1	+24 06	150	SBbc			sBN;weak bar;sev knotty filam arms w many branches
NGC 6086	UGC 10270	Galaxy	CRB	12.8	13.5	1.7'	16 12.6	+29 29	113	E2			P w NGC 6085
NGC 3274	UGC 5721	Galaxy	LEO	12.8	13.5	2'	10 32.3	+27 40	145	SBcd			H II 358;comp 1.5';PA305;0.3'X0.2'
NGC 3902	UGC 6790	Galaxy	LEO	12.8	13.5	1.6'	11 49.3	+26 07	147	SBbc			H III 321
NGC 3364	UGC 5890	Galaxy	UMA	12.8	13.5	1.5'	10 48.5	+72 25	24	SBbc			H III 318
NGC 3378	ESO 318-12	Galaxy	ANT	12.8	13.4	1.5'	10 46.7	-40 01	399	SBbc			
NGC 6936	ESO 528-22	Galaxy	CAP	12.8	13.4	1.8'	20 35.9	-25 17	344	E-SO			
UGC 3912	PGC 21303	Galaxy	CMI	12.8	13.4	1.8'	07 34.2	+04 32	229	Ir+			
NGC 2661	UGC 4584	Galaxy	CNC	12.8	13.4	1.4'	08 46.0	+12 37	186	Sc			patchy;asym broken arms;no disturbing obj visible
NGC 2819	UGC 4924	Galaxy	CNC	12.8	13.4	1.4'	09 18.2	+16 12	187	Elliptical			
NGC 1459	ESO 482-43	Galaxy	FOR	12.8	13.4	1.7'	03 47.0	-25 31	312	SBbc			
NGC 3910	UGC 6800	Galaxy	LEO	12.8	13.4	1.6'	11 50.0	+21 20	147	E-SO			comps 1.8';PA181;0.35'X0.2';5.1';PA96;0.5'X0.5'
NGC 664	UGC 1210	Galaxy	PSC	12.8	13.4	1.5'	01 43.8	+04 13	218	Sb			Brightest of 3
NGC 2328	ESO 309-16	Galaxy	PUP	12.8	13.4	1.6'	07 02.6	-42 04	395	E-SO Ba			
NGC 973	UGC 2048	Galaxy	TRI	12.8	13.4	3.7'	02 34.3	+32 30	93	Sb			strongly asym spindle
NGC 2820	UGC 4961	Galaxy	UMA	12.8	13.4	4.1'	09 21.8	+64 15	23	SBc/P			v flat cent bulge w dk lanes;knotty out arms;w 2820
NGC 4197	UGC 7247	Galaxy	VIR	12.8	13.4	3.4'	12 14.6	+05 48	193	Sc			H II 134
NGC 4607	Ho 436b	Galaxy	VIR	12.8	13.4	2.9'	12 41.2	+11 53	194	SBb			NGC 4606 @ 4 ' '
NGC 2208	UGC 3452	Galaxy	AUR	12.8	13.3	1.6'	06 22.6	+51 55	41	SO			
NGC 570	UGC 1061	Galaxy	CET	12.8	13.3	1.6'	01 29.0	-00 57	218	SBa			
NGC 2049	ESO 424-11	Galaxy	COL	12.8	13.3	2'	05 43.3	-30 05	359	Sa			
NGC 4134	UGC 7130	Galaxy	COM	12.8	13.3	2.2'	12 09.2	+29 11	107	Sb			H II 371;Brightest in group
NGC 4911	UGC 8128	Galaxy	COM	12.8	13.3	1.5'	13 00.9	+27 47	149	SBbc			H II 392
NGC 5336	UGC 8785	Galaxy	CVN	12.8	13.3	1.4'	13 52.2	+43 15	76	Sc			H II 670
NGC 6508	UGC 11023	Galaxy	DRA	12.8	13.3	1.3'	17 49.8	+72 01	30	Elliptical			
NGC 3171	ESO 567-31	Galaxy	HYA	12.8	13.3	1.6'	10 15.6	-20 39	324	E-SO			
NGC 3547	UGC 6209	Galaxy	LEO	12.8	13.3	2'	11 09.9	+10 43	191	Sb			H II 42
NGC 5863	ESO 581-22	Galaxy	LIB	12.8	13.3	1.4'	15 10.8	-18 26	333	SB Ring			
NGC 7563	UGC 12465	Galaxy	PEG	12.8	13.3	1.9'	23 15.9	+13 12	214	SBa			H III 222;UGC 12465
NGC 1160	UGC 2475	Galaxy	PER	12.8	13.3	1.9'	03 01.2	+44 57	63	SBc Ring			H III 199;several short patchy arms;P w NGC 1161
NGC 1250	UGC 2613	Galaxy	PER	12.8	13.3	2.1'	03 15.4	+41 21	63	SO			comp 4.5';PA296;v diff;several eF companions
NGC 7749	ESO 471- 9	Galaxy	SCL	12.8	13.3	1.6'	23 45.8	-29 31	350	SO			
NGC 6855	ESO 185-63	Galaxy	TEL	12.8	13.3	1.5'	20 06.8	-56 23	436	SBO-a			
NGC 587	IC 1713	Galaxy	TRI	12.8	13.3	2.2'	01 32.6	+35 21	91	SBb			
NGC 5604	MCG 0-37-	Galaxy	VIR	12.8	13.3	1.9'	14 24.7	-03 13	242	Sa			H III 668
NGC 5492	UGC 9065	Galaxy	BOO	12.8	13.2	2.4'	14 10.6	+19 37	152	SB/P			H II 876;asym spindle;spir
NGC 5695	UGC 9421	Galaxy	BOO	12.8	13.2	1.5'	14 37.4	+36 34	111	SBa			H II 423
NGC 5082	ESO 269-89	Galaxy	CEN	12.8	13.2	1.5'	13 20.7	-43 42	403	SBO Ring			
NGC 2795	UGC 4887	Galaxy	CNC	12.8	13.2	1.4'	09 16.1	+17 38	142	Elliptical			a large nr of small galaxies in vicinity; NGC 2749 group
NGC 4375	UGC 7496	Galaxy	COM	12.8	13.2	1.4'	12 25.0	+28 33	108	SBab/P			H II 379
NGC 5495	ESO 511-10	Galaxy	HYA	12.8	13.2	1.5'	14 12.4	-27 07	332	SBc			
NGC 2332	UGC 3699	Galaxy	LYN	12.8	13.2	1.5'	07 09.6	+50 11	42	SO			H II 862
NGC 1086	UGC 2258	Galaxy	PER	12.8	13.2	1.5'	02 47.9	+41 15	62	Sc			B prob cplx nucl .35X0.35;dif asym ext;2 knotty arms
NGC 137	UGC 309	Galaxy	PSC	12.8	13.2	1.3'	00 31.0	+10 12	171	SO			H II 471
NGC 2959	UGC 5202	Galaxy	UMA	12.8	13.2	1.3'	09 45.1	+68 36	23	SBb/P			P w NGC 2961
NGC 5035	MCG - 3-34-	Galaxy	VIR	12.8	13.2	1.4'	13 14.8	-16 30	285	SBO-a F			
NGC 5423	UGC 8952	Galaxy	BOO	12.8	13.1	1.5'	14 02.8	+09 20	196	E-SO			NGC 5431 at 4.8' PA 75;sev comps <15mag near
NGC 2216	ESO 556-17	Galaxy	CMA	12.8	13.1	1.4'	06 21.5	-22 05	317	SBab			
NGC 4468	UGC 7628	Galaxy	COM	12.8	13.1	1.4'	12 29.5	+14 03	193	E-SO			H II 630;NGC 4474 @ 5.6'
NGC 4516	UGC 7703	Galaxy	COM	12.8	13.1	1.8'	12 33.1	+14 34	194	SBab			H III 78
NGC 4816	UGC 8057	Galaxy	COM	12.8	13.1	1.3'	12 56.2	+27 45	149	E-SO			
NGC 5158	UGC 8459	Galaxy	COM	12.8	13.1	1.3'	13 27.8	+17 47	150	SBab			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 5123	UGC 8415	Galaxy	CVN	12.8	13.1	1.3'	13 23.2	+43 05	76	Sc			H II 666
NGC 4968	ESO 508- 6	Galaxy	HYA	12.8	13.1	1.9'	13 07.1	-23 41	330	SBO			
NGC 3362	UGC 5857	Galaxy	LEO	12.8	13.1	1.4'	10 44.9	+06 36	190	Sc			P w NGC 3356
NGC 3615	UGC 6313	Galaxy	LEO	12.8	13.1	1.4'	11 18.1	+23 24	146	Elliptical			H III 333;P w NGC 3618
NGC 5726	ESO 580-G0	Galaxy	LIB	12.8	13.1	1.3'	14 42.9	-18 27	333	SO pec			
NGC 3126	UGC 5466	Galaxy	LMI	12.8	13.1	2.8'	10 08.3	+31 52	104	Sb			
NGC 7673	UGC 12607	Galaxy	PEG	12.8	13.1	1.3'	23 27.7	+23 35	169	Scp			compact
NGC 424	ESO 296- 4	Galaxy	SCL	12.8	13.1	1.8'	01 11.5	-38 05	352	SBO-a F			
NGC 438	ESO 296- 7	Galaxy	SCL	12.8	13.1	1.4'	01 13.6	-37 54	352	SBb			
NGC 5996	UGC 10033	Galaxy	SER	12.8	13.1	1.7'	15 47.0	+17 53	155	Sc			H II 97
NGC 2800	UGC 4920	Galaxy	UMA	12.8	13.1	1.4'	09 18.6	+52 31	44	Elliptical			H III 832
UGC 6534	PGC 35675	Galaxy	UMA	12.8	13.1	3'	11 33.2	+63 17	25	Sd			
NGC 3347A	ESO 376- 4	Galaxy	ANT	12.8	13	2'	10 40.3	-36 25	366	SBc			
NGC 5525	UGC 9124	Galaxy	BOO	12.8	13	1.5'	14 15.7	+14 17	197	SO			strong absorption along edge
NGC 2720	UGC 4710	Galaxy	CNC	12.8	13	1.2'	08 59.1	+11 09	187	Sc			
NGC 5141	UGC 8433	Galaxy	CVN	12.8	13	1.3'	13 24.9	+36 23	109	SO			H III 402;P w NGC 5142 at 2.3'
NGC 954	ESO 299- 4	Galaxy	ERI	12.8	13	1.6'	02 28.9	-41 24	389	SBc			
NGC 6524	UGC 11079	Galaxy	HER	12.8	13	1.4'	17 59.2	+45 53	81	E-SO			
NGC 3305	ESO 501-30	Galaxy	HYA	12.8	13	1.1'	10 36.2	-27 10	325	Elliptical			
NGC 2862	UGC 5010	Galaxy	LEO	12.8	13	2.5'	09 24.9	+26 46	143	SBbc			
NGC 3222	UGC 5610	Galaxy	LEO	12.8	13	1.2'	10 22.6	+19 53	144	SBO			quadruple group;indiv mag approx 16.5
NGC 1886	ESO 487- 2	Galaxy	LEP	12.8	13	3.1'	05 21.8	-23 49	315	Sbc			
NGC 437	UGC 788	Galaxy	PSC	12.8	13	1.3'	01 14.4	+05 56	172	Sa			
IC 875	UGC 8355	Galaxy	UMA	12.8	13	1.2'	13 17.1	+57 32	48	SO			
NGC 712	UGC 1352	Galaxy	AND	12.8	12.9	1.3'	01 53.1	+36 49	92	SO			
NGC 4677	ESO 322-78	Galaxy	CEN	12.8	12.9	1.6'	12 47.0	-41 35	402	SBO-a			
NGC 5365A	ESO 271- 6	Galaxy	CEN	12.8	12.9	2.6'	13 56.7	-44 01	403	SBb			
NGC 7117	ESO 236-40	Galaxy	GRU	12.8	12.9	1.4'	21 45.8	-48 25	413	E-SO			
NGC 7404	IC 5260	Galaxy	GRU	12.8	12.9	1.5'	22 54.3	-39 19	415	E-SO Ba			
NGC 7197	UGC 11887	Galaxy	LAC	12.8	12.9	1.6'	22 03.0	+41 04	87	Sa			H II 599
NGC 7612	UGC 12512	Galaxy	PEG	12.8	12.9	1.6'	23 19.7	+08 35	214	SO			
NGC 502	UGC 922	Galaxy	PSC	12.8	12.9	1.1'	01 22.9	+09 03	173	SO			
NGC 3353	UGC 5860	Galaxy	UMA	12.8	12.9	1.4'	10 45.4	+55 58	46	Sb			H III 842;Haro 3;UGC 5860
NGC 3922	NGC 3924	Galaxy	UMA	12.8	12.9	1.7'	11 51.2	+50 09	47	Sa			H III 716;comp 4.7';PA60;0.4'X0.2'
NGC 4445	IC 793	Galaxy	VIR	12.8	12.9	2.6'	12 28.3	+09 26	193	Sab			
NGC 7444	MCG - 2-58-	Galaxy	AQR	12.8	12.8	1.7'	23 00.1	-12 50	303	SO			H II 451
NGC 1701	ESO 422-11	Galaxy	CAE	12.8	12.8	1.2'	04 55.9	-29 53	357	Sb			
NGC 307	UGC 584	Galaxy	CET	12.8	12.8	1.6'	00 56.5	-01 46	217	SO			
NGC 4196	UGC 7245	Galaxy	COM	12.8	12.8	1.2'	12 14.5	+28 25	107	SO			H II 374
NGC 979	ESO 246-23	Galaxy	ERI	12.8	12.8	1.2'	02 31.6	-44 31	389	SBO Rir			
NGC 2435	UGC 3996	Galaxy	GEM	12.8	12.8	2.2'	07 44.2	+31 39	101	Sa			H II 616
NGC 5592	ESO 446-58	Galaxy	HYA	12.8	12.8	1.5'	14 23.9	-28 41	372	SBbc			H III 924
NGC 3334	UGC 5817	Galaxy	LMI	12.8	12.8	1.1'	10 41.5	+37 19	105	SO			H II 641
NGC 6172	UGC 10352	Galaxy	OPH	12.8	12.8	1'	16 22.2	-01 31	246	Elliptical			
NGC 7671	UGC 12602	Galaxy	PEG	12.8	12.8	1.4'	23 27.3	+12 28	214	SO			H III 226;UGC 12602
NGC 338	UGC 624	Galaxy	PSC	12.8	12.8	1.8'	01 00.6	+30 40	91	Sab			
NGC 820	UGC 1629	Galaxy	ARI	12.8	12.7	1.4'	02 08.4	+14 21	174	Sb			
NGC 3903	ESO 378-24	Galaxy	CEN	12.8	12.7	1.1'	11 49.1	-37 31	368	SBc			
NGC 4410A	NGC 4410-1	Galaxy	VIR	12.8	12.7	0.5'	12 26.5	+09 01	193	Sab pec			Double system w NGC 4410B @ 0.3';contact
NGC 6786	UGC 11414	Galaxy	DRA	12.8	12.6	1.1'	19 10.9	+73 25	13	SBbc			P w UGC 11415 at 1.2' PA 42
NGC 1591	ESO 484-25	Galaxy	ERI	12.8	12.6	1.2'	04 29.5	-26 43	313	SBab			
NGC 1306	ESO 481-23	Galaxy	FOR	12.8	12.6	1.1'	03 21.1	-25 31	311	Sb			
NGC 3869	UGC 6737	Galaxy	LEO	12.8	12.6	1.9'	11 45.8	+10 49	192	Sa			
NGC 2521	UGC 4235	Galaxy	LYN	12.8	12.6	1.2'	08 08.8	+57 46	43	SOp			disturbed
NGC 2638	UGC 4534	Galaxy	LYN	12.8	12.6	1.7'	08 42.4	+37 13	102	Sa			
NGC 1138	UGC 2408	Galaxy	PER	12.8	12.6	1.1'	02 56.6	+43 03	63	SBO			H III 580
NGC 7751	UGC 12778	Galaxy	PSC	12.8	12.6	1'	23 47.0	+06 52	170	S			H III 437;UGC 12778;core .45'X0.40'
NGC 4191	UGC 7233	Galaxy	VIR	12.8	12.6	1.2'	12 13.8	+07 12	193	SO			
NGC 4268	UGC 7371	Galaxy	VIR	12.8	12.6	1.4'	12 19.8	+05 17	238	SBO-a			near 4273
NGC 4988	ESO 269-55	Galaxy	CEN	12.8	12.5	1.7'	13 09.9	-43 06	402	Sa			
NGC 6030	UGC 10139	Galaxy	HER	12.8	12.5	1.2'	16 01.9	+17 57	155	SO			sev comps w in 10'
NGC 5171	UGC 8476	Galaxy	VIR	12.8	12.5	1.1'	13 29.4	+11 44	195	E-SO			in a dense part of the cl
NGC 5666	UGC 9360	Galaxy	BOO	12.8	12.4	0.9'	14 33.2	+10 31	197	Compac			
NGC 6585	UGC 11159	Galaxy	HER	12.8	12.4	1.9'	18 12.4	+39 38	82	SBc			
NGC 3524	UGC 6158	Galaxy	LEO	12.8	12.4	1.6'	11 06.5	+11 23	191	Sa			H III 23;sf of 2

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 862	ESO 298-20	Galaxy	PHE	12.8	12.4	0.9'	02 13.0	-42 02	389	Elliptical			
NGC 7201	ESO 467- 4	Galaxy	PSA	12.8	12.4	1.6'	22 06.5	-31 16	383	Sab			
NGC 7499	UGC 12397	Galaxy	PSC	12.8	12.4	1.2'	23 10.4	+07 35	213	SO			
NGC 174	ESO 411- 1	Galaxy	SCL	12.8	12.4	1.4'	00 37.0	-29 29	351	SBO-a			
NGC 5109	NGC 5113	Galaxy	UMA	12.8	12.4	1.7'	13 20.9	+57 39	48	Sbc			H II 826;NGC 5113 at 5' nf
NGC 6068	UGC 10126	Galaxy	UMI	12.8	12.4	1'	15 55.4	+79 00	11	SBbc			H III 973;nf of 2;distorted;UGC 10126
NGC 3876	UGC 6730	Galaxy	VIR	12.8	12.4	1.1'	11 45.4	+09 10	192	Sab			H III 103;comp at 3.5';PA138
NGC 4264	UGC 7364	Galaxy	VIR	12.8	12.4	0.9'	12 19.6	+05 51	193	SBO-a			H II 140;NGC 4261 @ 3.4'
NGC 7831	IC 1530	Galaxy	AND	12.8	12.3	1.5'	00 07.3	+32 37	89	Sb			
NGC 5797	UGC 9619	Galaxy	BOO	12.8	12.3	1.1'	14 56.4	+49 42	78	Sa			H III 678
NGC 4255	UGC 7348	Galaxy	VIR	12.8	12.3	1.3'	12 18.9	+04 47	238	SO			
NGC 695	UGC 1315	Galaxy	ARI	12.8	12.1	0.5'	01 51.2	+22 35	128	SO			H II 618;Peculiar;NGC 697 group;UGC 1315
NGC 6930	IC 1326	Galaxy	DEL	12.8	12.1	1.2'	20 33.0	+09 52	209	SBab			
NGC 1394	ESO 548-60	Galaxy	ERI	12.8	12.1	1.3'	03 39.1	-18 18	312	SO			
NGC 7208	ESO 467-10	Galaxy	PSA	12.8	11.9	0.9'	22 08.4	-29 03	383	SBO			
NGC 6324	UGC 10725	Galaxy	UMI	12.8	11.9	1'	17 05.4	+75 24	11	Sbc			Bright main body w one arm on p side;UGC 10725
NGC 5541	UGC 9139	Galaxy	BOO	12.8	11.8	0.8'	14 16.5	+39 35	77	S pec			H III 732;sev galaxies near
NGC 2550	UGC 4359	Galaxy	CAM	12.8	11.6	1'	08 24.6	+74 01	7	SB/P			peculiar?
NGC 769	UGC 1467	Galaxy	TRI	12.8	11.6	0.8'	01 59.6	+30 55	92	Sc			n of 2
NGC 6302	PK 349+1.1	Pln Neb	SCO	12.8	9	72"	17 13.7	-37 06	376	6		16.6	Bug or Bipolar Nebula ;flattened figure 8 shape
PK 292+ 4.1	PB 8	Pln Neb	CEN	12.8	7.6	5"	11 33.4	-57 06	428			13.6	
PK 52- 4.1	M1-74	Pln Neb	AQL	12.9	-	9"	19 42.3	+15 09	207	1			Very difficult
NGC 962	UGC 2013	Galaxy	ARI	12.9	-	1.7'	02 32.7	+28 04	93	Elliptical			
PK 118+ 2.1	Sh1-118	Brn Neb	CAM	12.9	-	120"	00 07.6	+64 58	15				Typical spectrum of HII region
NGC 171	NGC 175	Galaxy	CET	12.9	-	2.1'	00 37.4	-19 56	306	SBab			H III 223?
NGC 270	MCG - 2- 3-	Galaxy	CET	12.9	-	1.8'	00 50.5	-08 39	262	Sa			H III 955
NGC 5303A	NGC 5303	Galaxy	CVN	12.9	-	0.9'	13 47.8	+38 18	110	Sc			H III 681;hints of 2 short jets or streamers on sf side
PK 330+ 4.1	Cannon 1-1	Pln Neb	NOR	12.9	-	1.0"	15 51.3	-48 45	406	1		11.1	
PK 20- 0.1	Abell 45	Pln Neb	SCT	12.9	-	4.8"	18 30.3	-11 37	295	3b		21.1	
NGC 6788	ESO 184-67	Galaxy	TEL	12.9	-	2.9'	19 26.8	-54 57	435	Sab			
UGC 6446	MCG +09-19	Galaxy	UMA	12.9	15.1	4'	11 26.6	+53 44	46	Sd			
UGC 7557	PGC 40807	Galaxy	VIR	12.9	15.1	3.1'	12 27.2	+07 15	193	Sm			Member of Virgo group of galaxies
UGC 2855	PGC 13880	Galaxy	CAM	12.9	15	4.4'	03 48.4	+70 08	18	S(B)c			P w UGC 2866 at 10' south foll
UGC 2082	MCG +04-07	Galaxy	ARI	12.9	14.5	6.2'	02 36.3	+25 26	130	Sc			
NGC 2614	UGC 4523	Galaxy	UMA	12.9	14.5	2.4'	08 42.8	+72 59	7	Sc			
UGC 5460	PGC 29469	Galaxy	UMA	12.9	14.5	2.5'	10 08.1	+51 50	45	SBd			vF companion 6' east
NGC 2804	UGC 4901	Galaxy	CNC	12.9	14.4	2.2'	09 16.8	+20 12	142	SO			NGC 2809 group
NGC 4707	UGC 7971	Galaxy	CVN	12.9	14.4	2.2'	12 48.4	+51 10	48	Sm			H III 815
NGC 6937	ESO 234-60	Galaxy	IND	12.9	14.4	2.1'	20 38.8	-52 09	437	SBab			
NGC 180	UGC 380	Galaxy	PSC	12.9	14.4	2.4'	00 38.0	+08 38	171	SBbc			H III 876;2 thin inner arms;mult arms in outer disk
UGC 7911	PGC 42910	Galaxy	VIR	12.9	14.4	2.4'	12 44.5	+00 29	239	SBm			
NGC 1226	UGC 2575	Galaxy	PER	12.9	14.3	2.1'	03 11.1	+35 23	94	Elliptical			brtst in subgroup
NGC 68	UGC 170	Galaxy	AND	12.9	14.2	1.2'	00 18.3	+30 04	89	E-SO			H V 16;In compact group
NGC 3897	UGC 6784	Galaxy	UMA	12.9	14.2	1.9'	11 49.0	+35 01	107	SBbc			H II 408;comp 1.8';PA34;0.2'X0.15';UGC 6784
NGC 590	UGC 1109	Galaxy	AND	12.9	14.1	2.6'	01 33.7	+44 56	61	SBO-a			sff of 2
UGC 9240	PGC 51472	Galaxy	BOO	12.9	14.1	1.8'	14 24.7	+44 30	77	Ir+			
NGC 2146A	UGC 3439	Galaxy	CAM	12.9	14.1	3'	06 23.9	+78 32	6	SBc			
NGC 4288	UGC 7399	Galaxy	CVN	12.9	14.1	2.2'	12 20.6	+46 18	74	SBcd			H III 726;P w Ho 371b @ 2.2'
NGC 1427A	ESO 358-49	Galaxy	ERI	12.9	14.1	2.3'	03 40.1	-35 38	356	Ir Bar			
NGC 7091	IC 5114	Galaxy	GRU	12.9	14.1	2.1'	21 34.1	-36 39	382	SBd			
NGC 7691	UGC 12654	Galaxy	PEG	12.9	14	2.1'	23 32.4	+15 51	214	SBbc Ri			H III 213
NGC 3804	NGC 3794	Galaxy	UMA	12.9	14	2.2'	11 40.9	+56 12	47	SBc			P w NGC 3780 at 13.5';H II 830
NGC 3906	UGC 6797	Galaxy	UMA	12.9	14	1.8'	11 49.7	+48 26	74	SBcd			H III 715
NGC 906	UGC 1868	Galaxy	AND	12.9	13.9	1.8'	02 25.3	+42 05	62	SBab			
NGC 2389	UGC 3872	Galaxy	GEM	12.9	13.9	2'	07 29.1	+33 52	100	SBc			H III 901;brightest in group;many knotty filam arms
NGC 3478	UGC 6069	Galaxy	UMA	12.9	13.9	2.6'	10 59.5	+46 07	73	SBbc			H III 705;comp 2 ' ;PA195;UGC 6069
NGC 605	UGC 1128	Galaxy	AND	12.9	13.8	2.2'	01 35.0	+41 15	61	SO			
NGC 7736	ESO 606- 5	Galaxy	AQR	12.9	13.8	1.6'	23 42.4	-19 27	349	SO			
NGC 201	UGC 419	Galaxy	CET	12.9	13.8	1.8'	00 39.6	+00 52	216	SBc			H III 873;NGC 192 group;UGC 419
NGC 577	NGC 580	Galaxy	CET	12.9	13.8	1.9'	01 30.7	-02 00	218	SBa			
UGC 6670	PGC 36355	Galaxy	LEO	12.9	13.8	4.2'	11 42.4	+18 19	147	Ir+			compact core
NGC 561	UGC 1048	Galaxy	AND	12.9	13.7	1.6'	01 28.3	+34 18	91	SBa			
NGC 622	UGC 1143	Galaxy	CET	12.9	13.7	1.8'	01 36.0	+00 40	218	SBbc			H III 454;UGC 1143
NGC 2558	UGC 4331	Galaxy	CNC	12.9	13.7	1.8'	08 19.2	+20 31	141	Sab			H III 606
NGC 6521	UGC 11061	Galaxy	DRA	12.9	13.7	1.6'	17 55.8	+62 37	30	Elliptical			Brightest in dense part of cluster;4 gals in 8'

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 6691	UGC 11318	Galaxy	DRA	12.9	13.7	1.6'	18 39.2	+55 38	54	SBbc			
NGC 1552	UGC 3015	Galaxy	ERI	12.9	13.7	1.8'	04 20.3	-00 42	223	Sa			H III 490;comp 5.4';PA129;spiral
NGC 6196	IC 4615	Galaxy	HER	12.9	13.7	1.3'	16 37.9	+36 04	114	E-SO			In a group
NGC 6628	UGC 11211	Galaxy	HER	12.9	13.7	1.9'	18 22.4	+23 29	159	SO			
NGC 6240	IC 4625	Galaxy	OPH	12.9	13.7	2.1'	16 53.0	+02 24	247	Irp			Strongly peculiar w loop and plume
NGC 6794	ESO 338- 5	Galaxy	SGR	12.9	13.7	1.7'	19 28.1	-38 55	379	Sb Ring			
NGC 4849	IC 3935;UGC	Galaxy	COM	12.9	13.6	1.9'	12 58.2	+26 24	149	SO			P w IC 838 (=Ho 495b) @ 1.9'
NGC 3523	UGC 6105	Galaxy	DRA	12.9	13.6	1.5'	11 03.1	+75 07	8	Sbc			H II 904;brightest of 3
NGC 6370	UGC 10836	Galaxy	DRA	12.9	13.6	1.4'	17 23.4	+56 58	52	Elliptical			
NGC 6485	UGC 11014	Galaxy	HER	12.9	13.6	1.5'	17 51.9	+31 28	116	Sbc			
NGC 5260	ESO 509-92	Galaxy	HYA	12.9	13.6	1.6'	13 40.3	-23 52	331	SBbc			
NGC 2927	UGC 5122	Galaxy	LEO	12.9	13.6	1.9'	09 37.3	+23 35	143	SBb			small blue cond in spiral arm sp center
NGC 642	ESO 413-14	Galaxy	SCL	12.9	13.6	2'	01 39.1	-29 55	352	SBc			
NGC 3488	UGC 6096	Galaxy	UMA	12.9	13.6	1.8'	11 01.4	+57 41	46	SBc			H I 269;Lord Rosse says cB in 72 inch
NGC 7300	MCG - 2-57-	Galaxy	AQR	12.9	13.5	2.1'	22 31.0	-14 00	302	SBb			
NGC 2496	UGC 4127	Galaxy	CMI	12.9	13.5	1.4'	07 58.6	+08 02	185	Elliptical			
NGC 6654A	UGC 11332	Galaxy	DRA	12.9	13.5	2.7'	18 39.4	+73 35	12	SBd pec			
NGC 1416	ESO 482-34	Galaxy	ERI	12.9	13.5	1.4'	03 41.0	-22 43	312	E1			
NGC 1382	NGC 1380B	Galaxy	FOR	12.9	13.5	1.5'	03 37.2	-35 12	355	E-SO Ba			near 1380
NGC 6372	UGC 10861	Galaxy	HER	12.9	13.5	1.7'	17 27.5	+26 28	158	Sc			H III 137;sf of 2;UGC 10861
NGC 7200	ESO 237-37	Galaxy	IND	12.9	13.5	1.6'	22 07.2	-50 00	414	Elliptical			
NGC 3501	UGC 6116	Galaxy	LEO	12.9	13.5	3.9'	11 02.8	+17 59	146	Sc			P w NGC 3507 at 12.7';PA45
NGC 3873	UGC 6735	Galaxy	LEO	12.9	13.5	1.5'	11 45.8	+19 46	147	Elliptical			comp 1.2';PA259;0.2'X0.2'
UGC 6725	PGC 36609	Galaxy	LEO	12.9	13.5	1.8'	11 45.1	+20 26	147	S0			
NGC 2446	UGC 4027	Galaxy	LYN	12.9	13.5	1.9'	07 48.7	+54 37	43	Sb			
NGC 2534	UGC 4268	Galaxy	LYN	12.9	13.5	1.4'	08 12.9	+55 40	43	E1p			H III 840;peculiar;vB complex center region;multiple?
NGC 1	UGC 57	Galaxy	PEG	12.9	13.5	1.7'	00 07.3	+27 43	125	Sb			
NGC 532	UGC 982	Galaxy	PSC	12.9	13.5	2.3'	01 25.3	+09 16	173	Sab			H III 556;UGC 982
NGC 7396	UGC 12220	Galaxy	PSC	12.9	13.5	1.9'	22 52.4	+01 06	258	Sa			Brightest in group
NGC 7506	UGC 12406	Galaxy	PSC	12.9	13.5	1.7'	23 11.7	-02 10	258	Sa			H III 184
NGC 6836	MCG - 2-50-	Galaxy	SGR	12.9	13.5	1.7'	19 54.7	-12 41	297	SBm			
NGC 5379	UGC 8860	Galaxy	UMA	12.9	13.5	2.1'	13 55.6	+59 45	49	SBO-a			H I 239;P w NGC 5389 at 4.1' f vsBN
NGC 4431	UGC 7569	Galaxy	VIR	12.9	13.5	1.7'	12 27.5	+12 17	193	SO			NGC 4440 group;NGC 4436 @ 3.8';NGC 4440 @ 6.4'
NGC 935	UGC 1937	Galaxy	ARI	12.9	13.4	1.7'	02 28.2	+19 36	130	Sc			P w IC 1801;contact
NGC 5249	UGC 8618	Galaxy	BOO	12.9	13.4	1.6'	13 37.6	+15 58	196	SO			H III 72
NGC 5627	UGC 9280	Galaxy	BOO	12.9	13.4	1.7'	14 28.6	+11 23	197	SO			brightest in subgroup
NGC 3533	NGC 3557A	Galaxy	CEN	12.9	13.4	2.8'	11 07.1	-37 10	367	Sab			
NGC 4827	UGC 8065	Galaxy	COM	12.9	13.4	1.4'	12 56.7	+27 11	149	E-SO Ba			H II 384
NGC 6711	UGC 11361	Galaxy	DRA	12.9	13.4	1.3'	18 49.0	+47 39	83	SBbc/P			
NGC 6186	UGC 10448	Galaxy	HER	12.9	13.4	1.5'	16 34.4	+21 32	156	SBa			
NGC 6364	UGC 10835	Galaxy	HER	12.9	13.4	1.5'	17 24.5	+29 23	115	SO			
NGC 3025	ESO 566-15	Galaxy	HYA	12.9	13.4	1.5'	09 49.5	-21 45	323	SO			
NGC 3701	UGC 6493	Galaxy	LEO	12.9	13.4	1.9'	11 29.5	+24 06	147	Sbc			H II 349
NGC 3821	UGC 6663	Galaxy	LEO	12.9	13.4	1.4'	11 42.2	+20 19	147	SBO-a F			H III 376;comp 3.1';PA275;0.8'X0.7'
NGC 7321	UGC 12103	Galaxy	PEG	12.9	13.4	1.6'	22 36.5	+21 37	167	SBb			H III 237;UGC 12103
NGC 1282	UGC 2675	Galaxy	PER	12.9	13.4	1.4'	03 20.2	+41 22	63	E1			P w N1283; Perseus Cl ;2 smlr gal are comp to this Pr
NGC 115	ESO 350-17	Galaxy	SCL	12.9	13.4	1.9'	00 26.8	-33 41	351	SBbc			
NGC 2710	UGC 4705	Galaxy	UMA	12.9	13.4	2'	08 59.8	+55 42	44	SBb			H III 841
NGC 3238	UGC 5649	Galaxy	UMA	12.9	13.4	1.3'	10 26.7	+57 14	45	SO			H II 883;UGC 5649
NGC 5258	UGC 8645	Galaxy	VIR	12.9	13.4	1.5'	13 40.0	+00 50	241	SBb			galaxies w appearance of fission;adj loops;B lens
NGC 7001	UGC 11663	Galaxy	AQR	12.9	13.3	1.4'	21 01.1	-00 12	254	Sab			
NGC 5654	UGC 9319	Galaxy	BOO	12.9	13.3	1.5'	14 30.0	+36 22	111	SBO-a			H III 420;Peculiar double nucleus
NGC 209	ESO 540- 8	Galaxy	CET	12.9	13.3	1.3'	00 39.1	-18 37	306	E-SO			
NGC 1194	UGC 2514	Galaxy	CET	12.9	13.3	1.8'	03 03.8	-01 06	221	Sa			strong abs p side;dif streamer (vis in red) to comp
NGC 4066	UGC 7051	Galaxy	COM	12.9	13.3	1.2'	12 04.2	+20 21	148	Elliptical			NGC 4060 @ 2 ' ;NGC 4065 @ 6.9';NGC 4070 @ 3.8'
NGC 3944	UGC 6859	Galaxy	LEO	12.9	13.3	1.4'	11 53.1	+26 12	147	E-SO			H III 322
NGC 7323	UGC 12108	Galaxy	PEG	12.9	13.3	1.4'	22 36.9	+19 09	167	Sb Ring			p of 2;disturbed
NGC 3863	UGC 6722	Galaxy	VIR	12.9	13.3	2.8'	11 45.1	+08 28	192	Sbc			
NGC 5210	UGC 8523	Galaxy	VIR	12.9	13.3	1.3'	13 32.8	+07 10	195	Sa			H III 99;sharp edge
NGC 5257	UGC 8641	Galaxy	VIR	12.9	13.3	1.6'	13 39.9	+00 50	241	SBb/P			H II 895;P w NGC 5258;disrupted bridge
NGC 5718	UGC 9459	Galaxy	VIR	12.9	13.3	1.5'	14 40.7	+03 28	243	E-SO			H III 550;P w IC 1042 contact pair
NGC 7365	ESO 603-10	Galaxy	AQR	12.9	13.2	1.5'	22 45.2	-19 57	348	E-SO			
NGC 273	MCG - 1- 3-	Galaxy	CET	12.9	13.2	2.1'	00 50.8	-06 53	262	SO			H III 430
NGC 426	UGC 760	Galaxy	CET	12.9	13.2	1.4'	01 12.8	-00 17	217	Elliptical			H III 592;NGC 430 group
NGC 1614	MCG - 1-12-	Galaxy	ERI	12.9	13.2	1.3'	04 34.0	-08 35	269	SB/P			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 6587	UGC 11166	Galaxy	HER	12.9	13.2	2'	18 13.8	+18 50	159	E-SO			
NGC 2955	UGC 5166	Galaxy	LMI	12.9	13.2	1.5'	09 41.3	+35 53	104	Sb			H III 541;many filam. knotty arms in bright part
NGC 7060	ESO 287-22	Galaxy	MIC	12.9	13.2	1.7'	21 25.9	-42 25	413	SBa			
NGC 494	UGC 919	Galaxy	PSC	12.9	13.2	2'	01 22.9	+33 10	91	Sab			
NGC 5400	MCG 0-36-	Galaxy	VIR	12.9	13.2	1.5'	14 00.6	-02 51	241	E-SO			H III 667
IC 3322	UGC 7513	Galaxy	VIR	12.9	13.2	2.3'	12 25.9	+07 33	193	SBc			Member of Virgo group of galaxies
NGC 716	IC 1743	Galaxy	ARI	12.9	13.1	1.8'	01 53.0	+12 42	174	SBa			
NGC 2523C	UGC 4290	Galaxy	CAM	12.9	13.1	1.5'	08 17.7	+73 19	7	E5			
NGC 2764	UGC 4794	Galaxy	CNC	12.9	13.1	1.5'	09 08.3	+21 27	142	SO			H III 236
NGC 5149	UGC 8444	Galaxy	CVN	12.9	13.1	1.6'	13 26.2	+35 56	109	SBbc Rii			H III 404;P w NGC 5154 at 6.1'
NGC 3155	NGC 3194	Galaxy	DRA	12.9	13.1	1.4'	10 17.7	+74 21	8	S pec			H III 965
NGC 6307	UGC 10727	Galaxy	DRA	12.9	13.1	1.3'	17 07.7	+60 45	52	SBO-a F			
NGC 6381	UGC 10871	Galaxy	DRA	12.9	13.1	1.3'	17 27.3	+60 01	52	Sc			sev comps
NGC 6757	UGC 11401	Galaxy	DRA	12.9	13.1	1.4'	19 05.1	+55 43	54	SBO-a F			
NGC 1484	ESO 359- 6	Galaxy	ERI	12.9	13.1	2.5'	03 54.3	-36 58	356	Sb			
NGC 3265	UGC 5705	Galaxy	LMI	12.9	13.1	0.9'	10 31.1	+28 48	105	Elliptical			H III 349;UGC 5705
NGC 893	ESO 298-29	Galaxy	PHE	12.9	13.1	1.4'	02 20.0	-41 24	389	Sc			
NGC 204	UGC 423	Galaxy	PSC	12.9	13.1	1.2'	00 39.7	+03 18	216	SO			Compact;In NGC 182 group
NGC 612	ESO 353-15	Galaxy	SCL	12.9	13.1	1.5'	01 34.0	-36 30	352	Sa			
NGC 3896	UGC 6781	Galaxy	UMA	12.9	13.1	1.5'	11 48.9	+48 40	74	SBO-a			H II 739
NGC 4584	UGC 7803	Galaxy	VIR	12.9	13.1	1.4'	12 38.3	+13 07	194	SBa			
NGC 5132	UGC 8428	Galaxy	VIR	12.9	13.1	1.3'	13 24.5	+14 06	195	SBO-a			
NGC 591	UGC 1111	Galaxy	AND	12.9	13	1.3'	01 33.5	+35 40	91	SBO-a			
NGC 4650A	ESO 322-69	Galaxy	CEN	12.9	13	1.6'	12 44.8	-40 43	402	Sa			
NGC 875	NGC 867	Galaxy	CET	12.9	13	1.2'	02 17.1	+01 15	219	Sa			P w IC 218
NGC 1581	ESO 157-26	Galaxy	DOR	12.9	13	1.8'	04 24.7	-54 57	420	E-SO Rii			
NGC 5894	UGC 9768	Galaxy	DRA	12.9	13	3'	15 11.7	+59 48	50	SBm			H II 763
NGC 1519	ESO 550- 9	Galaxy	ERI	12.9	13	2.1'	04 08.1	-17 12	313	SBb			
NGC 2948	UGC 5141	Galaxy	LEO	12.9	13	1.4'	09 39.0	+06 57	188	SBbc			H III 519
NGC 3662	UGC 6408	Galaxy	LEO	12.9	13	1.3'	11 23.8	-01 06	236	SBb/P			H IV 4;triple system
NGC 2844	UGC 4971	Galaxy	LYN	12.9	13	1.7'	09 21.8	+40 09	71	Sa			H III 628;brightest in NGC2852 group;bright nucl
NGC 1053	NGC 1040-1	Galaxy	PER	12.9	13	1.7'	02 43.2	+41 30	62	SO			brtst in grp;comp .8';PA354;UGC2194 @ 6.2';PA155
NGC 522	UGC 970	Galaxy	PSC	12.9	13	2.8'	01 24.8	+10 00	173	Sbc			
NGC 7679	UGC 12618	Galaxy	PSC	12.9	13	1.2'	23 28.8	+03 31	259	SBO			disturbed
NGC 7750	UGC 12777	Galaxy	PSC	12.9	13	1.6'	23 46.6	+03 48	215	SBc/P			H III 427
NGC 4316	UGC 7447	Galaxy	VIR	12.9	13	2.5'	12 22.7	+09 20	193	Sc			
NGC 5549	UGC 9156	Galaxy	VIR	12.9	13	1.6'	14 18.6	+07 23	197	SO			H III 552
NGC 431	UGC 776	Galaxy	AND	12.9	12.9	1.4'	01 14.1	+33 42	91	SBO			
NGC 7576	MCG - 1-59-	Galaxy	AQR	12.9	12.9	1.3'	23 17.4	-04 44	259	Sa			H II 454
NGC 770	UGC 1463	Galaxy	ARI	12.9	12.9	1.1'	01 59.2	+18 57	129	E3			
NGC 5456	UGC 9004	Galaxy	BOO	12.9	12.9	1.2'	14 05.0	+11 52	196	SO			
NGC 5482	UGC 9038	Galaxy	BOO	12.9	12.9	1.2'	14 08.5	+08 56	197	SO			H III 59
NGC 4730	ESO 323-17	Galaxy	CEN	12.9	12.9	1.2'	12 52.0	-41 09	402	E-SO			
NGC 850	UGC 1679	Galaxy	CET	12.9	12.9	1.2'	02 11.2	-01 29	219	Sa			H III 259
NGC 863	NGC 866	Galaxy	CET	12.9	12.9	1.1'	02 14.6	-00 46	219	Sa			H III 260
NGC 3752	UGC 6515	Galaxy	DRA	12.9	12.9	1.7'	11 32.5	+74 38	9	Sab			H II 905
NGC 1103	MCG - 2- 8-	Galaxy	ERI	12.9	12.9	2.2'	02 48.1	-13 58	265	SBb			
NGC 6379	IC 4636	Galaxy	HER	12.9	12.9	1.1'	17 30.6	+16 17	203	Sc			In NGC 6375 Group
NGC 3016	UGC 5266	Galaxy	LEO	12.9	12.9	1.2'	09 49.8	+12 42	188	Sb			NGC 3020 group
NGC 1175	UGC 2515	Galaxy	PER	12.9	12.9	1.9'	03 04.5	+42 20	63	Sa			H II 607;sp of 2;BN in center;Saturn-like
NGC 495	UGC 920	Galaxy	PSC	12.9	12.9	1.2'	01 22.9	+33 28	91	SBO-a			H III 156;in triple sub-group;UGC 920
NGC 2987	UGC 5220	Galaxy	SEX	12.9	12.9	1.5'	09 45.7	+04 56	233	Sab			
NGC 1588	UGC 3064	Galaxy	TAU	12.9	12.9	1.4'	04 30.7	+00 40	223	E1p			H II 9;compact;disturbed;P w N1587 at 1 ' ;PA257
NGC 3066	UGC 5379	Galaxy	UMA	12.9	12.9	1.1'	10 02.2	+72 08	23	SBb/P			P w NGC 3065;disturbed;asym main body 0.8'X0.6'
NGC 4642	UGC 7893	Galaxy	VIR	12.9	12.9	1.9'	12 43.3	-00 39	239	Sbc			H III 494;NGC 4653 @ 9.6'
NGC 5215	ESO 383-29	Galaxy	CEN	12.9	12.8	1.2'	13 35.1	-33 29	370	SO			Double galaxy with 5215A; 0.7' 14.2 mag 30 "to west
NGC 838	MCG - 2- 6-	Galaxy	CET	12.9	12.8	1.2'	02 09.6	-10 09	264	SO			H II 484
NGC 1441	MCG - 1-10-	Galaxy	ERI	12.9	12.8	1.7'	03 45.7	-04 06	222	SBb			poorly resolved;in NGC 1441-53 grp;P w NGC 1449
NGC 6314	UGC 10752	Galaxy	HER	12.9	12.8	1.6'	17 12.6	+23 16	157	Sa			Brightest of 3
NGC 3463	ESO 502- 2	Galaxy	HYA	12.9	12.8	1.5'	10 55.2	-26 08	325	Sb			
NGC 2919	UGC 5102	Galaxy	LEO	12.9	12.8	1.6'	09 34.8	+10 17	188	SBbc			NGC 2911 group;bright nucleus in weak bar
NGC 7623	UGC 12526	Galaxy	PEG	12.9	12.8	1.3'	23 20.5	+08 24	214	SO			H III 435;UGC 12526
NGC 379	UGC 683	Galaxy	PSC	12.9	12.8	1.4'	01 07.3	+32 31	91	SO			H II 215;UGC 683;Arp 331
NGC 3737	UGC 6563	Galaxy	UMA	12.9	12.8	1.1'	11 35.6	+54 57	47	SBO			H III 772
NGC 898	UGC 1842	Galaxy	AND	12.9	12.7	1.8'	02 23.3	+41 57	62	Sab			H III 570

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4673	UGC 7933	Galaxy	COM	12.9	12.7	1'	12 45.6	+27 04	149	Elliptical			H III 329;P w NGC 4670 @ 5.6'
NGC 4944	UGC 8167	Galaxy	COM	12.9	12.7	1.5'	13 03.8	+28 11	109	Sab			H II 395;comp. @ 1.1'
NGC 5014	UGC 8271	Galaxy	CVN	12.9	12.7	1.6'	13 11.5	+36 17	109	Sa			H II 414
NGC 4205	UGC 7258	Galaxy	DRA	12.9	12.7	1.7"	12 14.9	+63 47	25	S pec			
NGC 3987	UGC 6928	Galaxy	LEO	12.9	12.7	2.2"	11 57.3	+25 12	147	Sb			NGC 3993 at 4.6';PA55;NGC 3989 at 2.6';PA30
NGC 7056	UGC 11734	Galaxy	PEG	12.9	12.7	1'	21 22.1	+18 40	165	SBbc			
NGC 4269	UGC 7372;	Galaxy	VIR	12.9	12.7	1.3'	12 19.8	+06 01	193	Sa			
NGC 4300	UGC 7413	Galaxy	VIR	12.9	12.7	1.5'	12 21.7	+05 23	238	Sa Ring			H II 572
NGC 4690	UGC 7964	Galaxy	VIR	12.9	12.7	1.2"	12 47.9	-01 39	239	E-SO			H III 664
NGC 5332	UGC 8773	Galaxy	BOO	12.9	12.6	0.9"	13 52.1	+16 58	196	E-SO			
NGC 5515	UGC 9096	Galaxy	BOO	12.9	12.6	1.3'	14 12.6	+39 19	77	Sab			H III 685
NGC 1319	ESO 548- 6	Galaxy	ERI	12.9	12.6	1.3'	03 23.9	-21 32	311	SO			
NGC 7119A	NGC 7119-1	Galaxy	GRU	12.9	12.6	1.2'	21 46.3	-46 31	413	SBbc			
NGC 3720	UGC 6523	Galaxy	LEO	12.9	12.6	1'	11 32.4	+00 48	237	Sa			P w NGC 3719
NGC 1738	ESO 552-49	Galaxy	LEP	12.9	12.6	1.3'	05 01.8	-18 09	314	SBbc			
NGC 3042	UGC 5307	Galaxy	SEX	12.9	12.6	1.2"	09 53.3	+00 42	234	SO			comp 1.4';PA2;0.3'X0.2'
NGC 4081	UGC 7062	Galaxy	UMA	12.9	12.6	1.5'	12 04.6	+64 26	25	Sa			
NGC 5022	MCG - 3-34-	Galaxy	VIR	12.9	12.6	2.5'	13 13.5	-19 33	330	Sb			
NGC 2544	UGC 4327	Galaxy	CAM	12.9	12.5	1.1'	08 21.7	+73 59	7	SBa			
NGC 4706	ESO 323- 1	Galaxy	CEN	12.9	12.5	1.3'	12 49.9	-41 17	402	SBO			
NGC 1144	NGC 1142	Galaxy	CET	12.9	12.5	0.9"	02 55.2	-00 11	220	Ring			
NGC 4161	UGC 7191	Galaxy	UMA	12.9	12.5	1.1'	12 11.5	+57 44	47	Sc			H II 803
NGC 2481	UGC 4118	Galaxy	GEM	12.9	12.4	1.4'	07 57.2	+23 46	140	Sa			H II 302;distorted
NGC 6658	UGC 11274	Galaxy	HER	12.9	12.4	1.6'	18 33.9	+22 53	160	Sa			P w NGC 6661 at 9'
NGC 7820	UGC 28	Galaxy	PSC	12.9	12.4	1.3'	00 04.5	+05 12	215	Sa			Brightest in group
NGC 2684	UGC 4662	Galaxy	UMA	12.9	12.4	0.9"	08 54.9	+49 10	70	Sc			peculiar;group of small galaxies;bright center;asymdisc
NGC 3770	UGC 6600	Galaxy	UMA	12.9	12.4	1'	11 38.0	+59 37	47	SBa			H II 838
NGC 2562	UGC 4345	Galaxy	CNC	12.9	12.3	1'	08 20.4	+21 08	141	Sa			H III 607;dense part of cl
NGC 3391	UGC 5920	Galaxy	LEO	12.9	12.3	1'	10 48.9	+14 13	190	Sc			
NGC 324	ESO 295-25	Galaxy	PHE	12.9	12.3	1.4'	00 57.2	-40 58	387	Sa			
NGC 6765	PK 62+9.1	Pln Neb	LYR	12.9	12.2	38"	19 11.1	+30 33	118	5		16	
MCG -02-24	Hydra A	Galaxy	HYA	12.9	12.1	0.7"	09 18.1	-12 06	277	SA0			3C218
NGC 5692	UGC 9427	Galaxy	VIR	12.9	12	0.9"	14 38.3	+03 25	242	Pec			
NGC 662	UGC 1220	Galaxy	AND	12.9	11.8	0.8'	01 44.6	+37 42	92	Sc			Peculiar
NGC 3694	UGC 6480	Galaxy	UMA	12.9	11.8	0.7"	11 28.9	+35 25	106	Elliptical			comp 4.8';PA56;0.3'X0.1'
NGC 1121	UGC 2332	Galaxy	ERI	12.9	11.5	0.9"	02 50.7	-01 44	220	SO			
NGC 513	UGC 953	Galaxy	AND	12.9	11.1	0.7"	01 24.4	+33 48	91	Sc			H III 169;UGC 953
NGC 7354	PK 107+2.1	Pln Neb	CEP	12.9	10.1	22"	22 40.3	+61 17	34	4(3b)		16.5	H II 705
PK 275- 4.1	PB 4	Pln Neb	VEL	12.9	8.9	14"	09 14.9	-54 53	425			16.1	
PK 342- 6.1	Cannon 1-4	Pln Neb	ARA	12.9	8.5	10"	17 27.9	-46 56	408			16.2	
PK 190-17.1	J 320	Pln Neb	ORI	12.9	6.9	26.0"	05 05.6	+10 42	180	2(4)		14.4	
NGC 6	NGC 20	Galaxy	AND	13	-		00 09.5	+33 19	89	E-SO			
Abell 262		Gal CL	AND	13	-	100.8'	01 52.7	+36 09	92	0 1 III			Includes 708, 753;rather loose and irregular; 40 galaxies
Abell 347		Gal CL	AND	13	-	56'	02 25.1	+41 52	62	0 1 II-III			0.5 degrees south preceding NGC 891; 32 galaxies
NGC 7251	MCG - 3-57-	Galaxy	AQR	13	-	1.9'	22 20.5	-15 46	302	Sa			H III 933
NGC 7351	MCG - 1-57-	Galaxy	AQR	13	-	1.7"	22 41.4	-04 27	258	SO			
NGC 7378	MCG - 2-58-	Galaxy	AQR	13	-	1.5'	22 47.8	-11 49	303	Sab Ring			
NGC 7450	MCG - 2-58-	Galaxy	AQR	13	-	1.8"	23 00.8	-12 55	303	Sa			
NGC 7665	MCG - 2-59-	Galaxy	AQR	13	-	0.8"	23 27.2	-09 23	304	Sm			H III 438
NGC 7709	MCG - 3-60-	Galaxy	AQR	13	-	2.3'	23 35.5	-16 42	304	SBO			
NGC 7717	MCG - 3-60-	Galaxy	AQR	13	-	1.4'	23 37.7	-15 07	304	SBO-a			
NGC 7724	MCG - 2-60-	Galaxy	AQR	13	-	1.5'	23 39.1	-12 13	304	Sb			
Pal 2		Glob CL	AUR	13	-	2.2"	04 46.1	+31 23	96	IX			
NGC 5490A	NGC 5490	Galaxy	BOO	13	-	2.5'	14 10.0	+17 33	152	Elliptical			
NGC 5929	UGC 9851	Galaxy	BOO	13	-	0.9"	15 26.1	+41 40	78	Sab pec			conn. P w NGC 5930 @ 0'5. Faint I syst. at 5'5 nf
NGC 5930	UGC 9852	Galaxy	BOO	13	-	1.8'	15 26.1	+41 41	78	SBb/P			H II 651;conn w NGC 5929
NGC 7419	OCL 250	Opn CL	CEP	13	-	2'	22 54.3	+60 50	58	II 3 r	40	10	H VII 43
NGC 341A	NGC 341	Galaxy	CET	13	-	1.2"	01 00.8	-09 11	262	SB Ring			
NGC 599	MCG - 2- 5-	Galaxy	CET	13	-	1.4'	01 32.9	-12 11	263	E-SO			H II 473
NGC 682	MCG - 3- 5-	Galaxy	CET	13	-	1.4'	01 49.1	-14 59	263	E-SO			H II 501
NGC 757	NGC 731	Galaxy	CET	13	-	1.7"	01 54.9	-09 01	264	Elliptical			
NGC 787	MCG - 2- 6-	Galaxy	CET	13	-	2.5'	02 00.8	-09 00	264	Sb			
NGC 853	MCG - 2- 6-	Galaxy	CET	13	-	1.6'	02 11.7	-09 18	264	Sm			H II 486
NGC 873	MCG - 2- 6-	Galaxy	CET	13	-	1.6'	02 16.5	-11 21	264	Sc			H II 474
NGC 883	MCG - 1- 6-	Galaxy	CET	13	-	1.7"	02 19.1	-06 47	264	E-SO			H II 437

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 887	MCG - 3- 7-	Galaxy	CET	13	-	2'	02 19.5	-16 04	264	SB Ring			H III 486
NGC 977	MCG - 2- 7-	Galaxy	CET	13	-	2'	02 33.1	-10 46	265	Sa			H III 472
NGC 1045	MCG - 2- 7-	Galaxy	CET	13	-	2.3'	02 40.5	-11 17	265	E-SO			H II 488
NGC 1051	NGC 961	Galaxy	CET	13	-	2.1'	02 41.0	-06 56	265	Sm			
NGC 1076	MCG - 3- 8-	Galaxy	CET	13	-	2'	02 43.5	-14 45	265	Sa			
NGC 2296	IC 452	Br1 Neb	CMA	13	-	0.6'	06 48.7	-16 54	273	R			Near Sirius; probably a nebula
NGC 3456	MCG - 3-28-	Galaxy	CRT	13	-	1.7'	10 54.1	-16 02	280	SBbc			H IV 29
NGC 3479	NGC 3502	Galaxy	CRT	13	-	1.8'	10 58.9	-14 58	281	SBbc			
NGC 3514	ESO 570- 1	Galaxy	CRT	13	-	1.1'	11 04.0	-18 47	326	SBc			
NGC 3528	NGC 3497	Galaxy	CRT	13	-	2.6'	11 07.3	-19 28	326	SO			NGC 3528 = NGC 3525 = NGC 3497 = IC 2624
NGC 3663	MCG - 2-29-	Galaxy	CRT	13	-	2'	11 24.0	-12 18	281	Sbc			
NGC 3667A	NGC 3667	Galaxy	CRT	13	-	1.5'	11 24.3	-13 51	281	Sab Ring			H III 531
NGC 3693	MCG - 2-29-	Galaxy	CRT	13	-	3.4'	11 28.2	-13 12	282	Sb			H III 532
NGC 3715	MCG - 2-29-	Galaxy	CRT	13	-	1.4'	11 31.5	-14 14	282	Sbc			H II 562
NGC 3763	IC 714	Galaxy	CRT	13	-	1.2'	11 36.5	-09 51	282	SB Ring			
NGC 3836	MCG - 3-30-	Galaxy	CRT	13	-	1.4'	11 43.5	-16 48	282	Sb			
NGC 3854	NGC 3865	Galaxy	CRT	13	-	2.1'	11 44.9	-09 14	282	SBb			
NGC 4114	MCG - 2-31-	Galaxy	CRV	13	-	1.8'	12 07.2	-14 11	283	SBa			H III 533
NGC 4177	MCG - 2-31-	Galaxy	CRV	13	-	1.7'	12 12.7	-14 01	283	Sc			H III 534
NGC 4722	IC 3833	Galaxy	CRV	13	-	1.8'	12 51.5	-13 20	284	Sa			
NGC 4727	MCG - 2-33-	Galaxy	CRV	13	-	1.6'	12 51.0	-14 20	284	SBbc			H II 298
NGC 3397	NGC 3329	Galaxy	DRA	13	-	1.9'	10 44.7	+76 49	8	Sb			H I 284
NGC 6125	NGC 6127	Galaxy	DRA	13	-	1.4'	16 19.2	+57 59	51	Elliptical			H II 810
NGC 6128	NGC 6125	Galaxy	DRA	13	-	1.4'	16 19.2	+57 59	51	Elliptical			
NGC 6689	NGC 6690	Galaxy	DRA	13	-	4'	18 34.8	+70 31	30	SBcd			
NGC 1081	MCG - 3- 8-	Galaxy	ERI	13	-	1.6'	02 45.1	-15 35	265	Sb			
NGC 1114	MCG - 3- 8-	Galaxy	ERI	13	-	1.8'	02 49.1	-17 00	265	Sc			H III 449
NGC 1162	MCG - 2- 8-	Galaxy	ERI	13	-	1.4'	02 58.9	-12 24	266	Elliptical			H III 469
NGC 1200	MCG - 2- 8-	Galaxy	ERI	13	-	2.9'	03 03.9	-12 00	266	E-SO			H II 475
NGC 1338	MCG - 2- 9-	Galaxy	ERI	13	-	1.4'	03 28.9	-12 09	267	Sb			
NGC 1575	NGC 1577	Galaxy	ERI	13	-	1.5'	04 26.3	-10 06	268	SB/P			
NGC 1627	MCG - 1-12-	Galaxy	ERI	13	-	1.6'	04 37.6	-04 53	224	Sc			
NGC 1632	IC 386	Galaxy	ERI	13	-	1'	04 40.0	-09 27	269	Sa			
NGC 1720	MCG - 1-13-	Galaxy	ERI	13	-	1.7'	04 59.3	-07 52	269	SBab			
NGC 1721	MCG - 2-13-	Galaxy	ERI	13	-	2.2'	04 59.3	-11 07	269	SO			
NGC 1725	MCG - 2-13-	Galaxy	ERI	13	-	1.9'	04 59.4	-11 08	269	E-SO			
NGC 1728	MCG - 2-13-	Galaxy	ERI	13	-	2'	04 59.5	-11 07	269	Sa			
NGC 1380B	NGC 1382	Galaxy	FOR	13	-	1.5'	03 37.2	-35 12	355	E-S0 B			
Abell 2199		Gal CL	HER	13	-	89.6'	16 28.6	+39 31	80	2 1 I			Centered on NGC 6166; 88 galaxies
NGC 2612	MCG - 2-22-	Galaxy	HYA	13	-	2.8'	08 33.8	-13 10	276	E-SO			
NGC 2817	MCG - 1-24-	Galaxy	HYA	13	-	2'	09 17.2	-04 45	232	SBc			
NGC 2863	NGC 2869	Galaxy	HYA	13	-	1'	09 23.6	-10 26	278	Sm			H III 520
NGC 2884	MCG - 2-24-	Galaxy	HYA	13	-	2.1'	09 26.4	-11 33	278	Sa			
NGC 3178	MCG - 3-26-	Galaxy	HYA	13	-	1.4'	10 16.2	-15 48	279	Sc			
NGC 3355		Galaxy	HYA	13	-	3.2'	10 42.6	-23 56	325	Sb			
NGC 1730	IC 2113	Galaxy	LEP	13	-	2.3'	04 59.5	-15 49	269	SB Ring			
NGC 5716	MCG - 3-37-	Galaxy	LIB	13	-	1.9'	14 41.1	-17 29	333	SBc			H III 671
NGC 5729	MCG - 1-37-	Galaxy	LIB	13	-	2.6'	14 42.1	-09 01	288	Sb			H III 508
NGC 1684	MCG - 1-13-	Galaxy	ORI	13	-	2.9'	04 52.5	-03 06	224	Elliptical			H II 528
NGC 1729	MCG - 1-13-	Galaxy	ORI	13	-	1.7'	05 00.3	-03 21	224	Sc			H III 503
NGC 1843	MCG - 2-14-	Galaxy	ORI	13	-	2.1'	05 14.1	-10 38	270	Sc			
NGC 1123	NGC 1122	Galaxy	PER	13	-	1.8'	02 52.9	+42 12	63	SBb			H II 601
NGC 1130	MCG 7- 7-	Galaxy	PER	13	-	0.4'	02 54.4	+41 36	63	Compac			compact
Abell 426	Perseus I	Gal CL	PER	13	-	190.4'	03 19.7	+41 30	63	2 0 II-III			Centered on 1275; 88 galaxies
PK 342- 2.1	He2-198	Pln Neb	SCO	13	-	25"	17 06.4	-44 13	407	4			
PK 347+ 5.1	Haro 1-2	Pln Neb	SCO	13	-	1"	16 48.9	-35 47	375				
PK 349- 4.1	Longmore 16	Pln Neb	SCO	13	-	83"	17 35.7	-40 12	408			16.8	
PK 356- 4.2	Haro 1-41	Pln Neb	SCO	13	-	10"	17 57.3	-34 10	377	2		16.2	
NGC 2969	MCG - 1-25-	Galaxy	SEX	13	-	1.4'	09 41.9	-08 36	278	Sc			H III 527
PK 14- 4.1	M1-50	Pln Neb	SGR	13	-	5.8"	18 33.4	-18 17	340	2			
NGC 6799	ESO 184-78	Galaxy	TEL	13	-	1.6'	19 32.3	-55 55	436	Elliptical			
NGC 4223	IC 3102	Galaxy	VIR	13	-	2.5'	12 17.4	+06 41	193	Sa			H II 137
NGC 4354	NGC 4351	Galaxy	VIR	13	-	2'	12 24.0	+12 12	193	SBab/P			
NGC 4577	UGC 7821	Galaxy	VIR	13	-	1.8'	12 39.2	+06 00	194				H III 13
NGC 4680	MCG - 2-33-	Galaxy	VIR	13	-	1.5'	12 46.9	-11 38	284	S			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4776	NGC 4759-1	Galaxy	VIR	13	-	1.9'	12 53.1	-09 12	284	SO			
NGC 4836	MCG - 2-33-	Galaxy	VIR	13	-	1.4'	12 57.6	-12 45	284	Scd			
NGC 4838	MCG - 2-33-	Galaxy	VIR	13	-	1.7'	12 57.9	-13 04	284	SB Ring			
NGC 4877	MCG - 2-33-	Galaxy	VIR	13	-	2.2'	13 00.4	-15 17	284	Sab			H II 299
NGC 4997	MCG - 3-34-	Galaxy	VIR	13	-	1.4'	13 09.9	-16 31	285	E-SO			
NGC 5015	MCG - 1-34-	Galaxy	VIR	13	-	1.9'	13 12.4	-04 20	240	SB Ring			H II 637
NGC 5047	MCG - 3-34-	Galaxy	VIR	13	-	2.7'	13 15.8	-16 31	285	SO			H III 670
NGC 5073	MCG - 2-34-	Galaxy	VIR	13	-	3.4'	13 19.3	-14 51	285	SBc			H III 282
NGC 5076	MCG - 2-34-	Galaxy	VIR	13	-	1.3'	13 19.5	-12 44	285	Sa			H III 117
NGC 5111	NGC 5110	Galaxy	VIR	13	-	2'	13 22.9	-12 58	285	E-SO			H III 119
NGC 5232	MCG - 1-35-	Galaxy	VIR	13	-	1.5'	13 36.1	-08 30	286	Sa			
NGC 5254	MCG - 2-35-	Galaxy	VIR	13	-	2.9'	13 39.6	-11 30	286	Sc			
NGC 5420	MCG - 2-36-	Galaxy	VIR	13	-	1.4'	14 04.0	-14 37	286	Sb			
3C 273	PGC 41121	Quasar	VIR	13	-		12 29.1	+02 03	238				Brightest quasar ; ~2 billion light years, variable
PK 318+41.	Abell 36	Pln Neb	VIR	13	15.7	6.0'	13 40.6	-19 53	331	3b(3a)		11.5	
NGC 173	UGC 369	Galaxy	CET	13	15.1	3.2'	00 37.2	+01 57	216	Sc			H III 871;UGC 369
NGC 4573	ESO 268-26	Galaxy	CEN	13	14.6	2.5'	12 37.7	-43 37	402	SBO-a F			
UGC 10041	PGC 56111	Galaxy	SER	13	14.6	3.0'	15 49.0	+05 11	245	S(B)dm			
UGC 4499	PGC 24242	Galaxy	UMA	13	14.6	2.6'	08 37.6	+51 39	44	S(B)dm			Mrk 94 superimposed 0.7' south foll
NGC 7610	UGC 12511	Galaxy	PEG	13	14.5	2.5'	23 19.7	+10 11	214	SBc Ring			Disturbed?
UGC 9169	PGC 51207	Galaxy	BOO	13	14.3	3.9'	14 19.8	+09 22	197	Ir+			
UGC 9291	PGC 51713	Galaxy	BOO	13	14.3	2.8'	14 28.6	+39 00	77	Sd			
NGC 799	UGC 1527	Galaxy	CET	13	14.2	2'	02 02.2	-00 06	219	SBa			
NGC 4173	UGC 7204	Galaxy	COM	13	14.2	5'	12 12.4	+29 12	107	Scd			H II 372; UGC 7204
NGC 5696	UGC 9415	Galaxy	BOO	13	14.1	2'	14 37.0	+41 50	77	Sbc			H II 648
IC 3881	UGC 8036	Galaxy	COM	13	14.1	0.2'	12 54.9	+19 07	149	SBc			
NGC 3728	UGC 6536	Galaxy	LEO	13	14.1	2'	11 33.3	+24 27	147	Sb			H II 351
NGC 3832	UGC 6693	Galaxy	LEO	13	14.1	1.9'	11 43.5	+22 43	147	SBc			H III 340;the ring is open on f side
UGC 6780	PGC 36887	Galaxy	VIR	13	14.1	3.4'	11 48.9	-02 02	237	Sd pec			
NGC 3057	UGC 5404	Galaxy	DRA	13	14	2.2'	10 05.7	+80 17	8	SBd			H III 978
NGC 2076	MCG - 3-15-	Galaxy	LEP	13	14	2.2'	05 46.8	-16 47	271	Sa			H III 267
NGC 477	UGC 886	Galaxy	AND	13	13.9	2.2'	01 21.3	+40 29	61	SBc			H III 577;2 main arms split into several secondary arms
NGC 746	UGC 1438	Galaxy	AND	13	13.9	1.9'	01 57.9	+44 55	61	Ir			
IC 1291	UGC 11283	Galaxy	DRA	13	13.9	1.8'	18 33.9	+49 17	82	SBdm pc			Br of 3;S-shaped;very patchy
NGC 20	NGC 6	Galaxy	AND	13	13.8	1.7'	00 09.5	+33 19	89	E-SO			comp@ 3.8' PA122 0.5x0.2;B * 0.3' n
NGC 996	UGC 2123	Galaxy	AND	13	13.8	1.4'	02 38.7	+41 39	62	Elliptical			
NGC 6964	UGC 11629	Galaxy	AQR	13	13.8	1.7'	20 47.4	+00 18	254	E4p			H II 427
NGC 1311	ESO 200- 7	Galaxy	HOR	13	13.8	3'	03 20.1	-52 11	419	SBp			
NGC 2900	UGC 5065	Galaxy	HYA	13	13.8	1.7'	09 30.3	+04 09	233	SBc			filaments from the bar;appears too red to be SBc
NGC 3719	UGC 6521	Galaxy	LEO	13	13.8	1.7'	11 32.2	+00 49	237	Sbc Ring			P w NGC 3720 at 2.2';PA115
NGC 4334	UGC 7458	Galaxy	VIR	13	13.8	2.2'	12 23.4	+07 28	193	SBab			
NGC 914	UGC 1887	Galaxy	AND	13	13.7	1.8'	02 26.1	+42 09	62	Sc			
NGC 5223	UGC 8553	Galaxy	CVN	13	13.7	1.5'	13 34.4	+34 41	109	E1			Brightest in subgroup in CGCG;NGC 5228 at 5.7'
NGC 3026	UGC 5279	Galaxy	LEO	13	13.7	2.7'	09 50.9	+28 33	104	Ir			
NGC 7549	UGC 12457	Galaxy	PEG	13	13.7	2.8'	23 15.3	+19 02	169	SBc/P			NGC 7550 group;distorted
NGC 6100	UGC 10307	Galaxy	SER	13	13.7	1.8'	16 16.9	+00 50	246	Sa			
NGC 4574	ESO 380-49	Galaxy	CEN	13	13.6	1.8'	12 37.7	-35 31	369	SBc			
NGC 4903	ESO 443-30	Galaxy	CEN	13	13.6	1.6'	13 01.4	-30 56	370	SBc			
NGC 2730	UGC 4743	Galaxy	CNC	13	13.6	1.7'	09 02.3	+16 50	187	SBc Irr			disturbed;chaotic patchy spirals ;S blue cond p part
NGC 6085	UGC 10269	Galaxy	CRB	13	13.6	1.5'	16 12.6	+29 22	113	Sa			P w NGC 6086
NGC 1602	ESO 157-32	Galaxy	DOR	13	13.6	1.9'	04 27.9	-55 03	420	Ir Bar			
NGC 1347	ESO 548-27	Galaxy	ERI	13	13.6	1.5'	03 29.7	-22 17	312	SBc			
NGC 6919	ESO 285-27	Galaxy	MIC	13	13.6	1.6'	20 31.6	-44 13	412	SBc			
NGC 6008	NGC 6008A	Galaxy	SER	13	13.6	1.4'	15 52.9	+21 06	155	SBb			Disturbed ?;np of 2
NGC 4303A	NGC 4301	Galaxy	VIR	13	13.6	1.6'	12 22.5	+04 34	238	SBc			
NGC 5221	UGC 8559	Galaxy	VIR	13	13.6	2.4'	13 34.9	+13 50	195	Sb Ring			broad streamers from s side;prob distort by 5222 ,5.4'
NGC 774	UGC 1469	Galaxy	ARI	13	13.5	1.5'	01 59.6	+14 00	174	SO			H III 214
NGC 5698	UGC 9419	Galaxy	BOO	13	13.5	1.8'	14 37.2	+38 27	111	SBb			H II 700
NGC 497	UGC 915;A	Galaxy	CET	13	13.5	2.1'	01 22.4	-00 53	218	SBbc			split arms
NGC 2657	UGC 4573	Galaxy	CNC	13	13.5	1.3'	08 45.3	+09 39	186	Scd Ring			
NGC 4328	MCG 3-32-	Galaxy	COM	13	13.5	1.4'	12 23.3	+15 49	193	E-SO			H II 84
NGC 5057	UGC 8342	Galaxy	COM	13	13.5	1.3'	13 16.5	+31 02	109	SO Ring			H III 307
NGC 5081	UGC 8366	Galaxy	COM	13	13.5	2.2'	13 19.1	+28 30	109	SBb			Comp superimp at 0.9'
NGC 6515	UGC 11071	Galaxy	DRA	13	13.5	1.6'	17 57.4	+50 44	53	Elliptical			
NGC 7053	UGC 11727	Galaxy	PEG	13	13.5	1.4'	21 21.1	+23 05	165	Compac			II Zw 124

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 7483	UGC 12353	Galaxy	PSC	13	13.5	1.6'	23 05.8	+03 33	258	SBa			
NGC 980	UGC 2063	Galaxy	AND	13	13.4	1.7'	02 35.3	+40 56	62	SO			H III 572
NGC 5598	UGC 9209	Galaxy	BOO	13	13.4	1.6'	14 22.5	+40 19	77	SO			H III 733;5603 group
NGC 4117	UGC 7112	Galaxy	CVN	13	13.4	2.5'	12 07.8	+43 08	74	SO			H III 708
NGC 5394	UGC 8898	Galaxy	CVN	13	13.4	1.7'	13 58.6	+37 27	110	SBb/P			H I 191;P w NGC 5395 contact pair;distorted;eBN or *
NGC 1692	ESO 552-21	Galaxy	ERI	13	13.4	1.3'	04 55.4	-20 34	314	SO			
NGC 2410	UGC 3917	Galaxy	GEM	13	13.4	2.4'	07 35.0	+32 49	100	SBb			
NGC 6195	UGC 10469	Galaxy	HER	13	13.4	1.5'	16 36.5	+39 02	80	Sb			H III 893
NGC 1136	ESO 154-19	Galaxy	HOR	13	13.4	1.4'	02 50.9	-54 59	419	SBa			
NGC 2989	ESO 566-9	Galaxy	HYA	13	13.4	1.7'	09 45.4	-18 23	323	Sbc			
NGC 7022	ESO 235-65	Galaxy	IND	13	13.4	1.5'	21 09.6	-49 18	412	SBO			
NGC 3131	UGC 5471	Galaxy	LEO	13	13.4	2.4'	10 08.6	+18 14	144	SBb			comp 1.5';PA152;0.25'X0.5'
NGC 7648	IC 1486	Galaxy	PEG	13	13.4	1.6'	23 23.9	+09 40	214	SO			H III 218;UGC 12575
NGC 515	UGC 956	Galaxy	PSC	13	13.4	1.4'	01 24.6	+33 28	91	SO			H III 167
NGC 2870	UGC 5034	Galaxy	UMA	13	13.4	2.5'	09 27.9	+57 23	44	SBbc			H III 846
NGC 3237	UGC 5640	Galaxy	UMA	13	13.4	1.3'	10 25.7	+39 39	72	SO Ring			H III 631;comp 2.2';PA316;0.35'X 0.25';UGC 5640
NGC 3468	UGC 6048	Galaxy	UMA	13	13.4	1.6'	10 57.5	+40 57	73	SO			H III 632;nff of 2;comp 1.9';PA243;0.4'X0.2'
NGC 5710	UGC 9440	Galaxy	BOO	13	13.3	1.2'	14 39.3	+20 03	152	Elliptical			H III 895;P w NGC 5711 at 3.5' PA 155
NGC 237	UGC 461	Galaxy	CET	13	13.3	1.6'	00 43.5	-00 08	216	Sbc			
NGC 848	MCG - 2- 6-	Galaxy	CET	13	13.3	1.5'	02 10.3	-10 19	264	SBab			
NGC 2582	IC 2359	Galaxy	CNC	13	13.3	1.2'	08 25.2	+20 20	141	SBab			H III 753;s-shaped;almost circular arms IC 2359
NGC 2809	UGC 4910	Galaxy	CNC	13	13.3	1.3'	09 17.1	+20 04	142	SO			brightest in group;6 galaxies inside 3.7';double system
NGC 4022	UGC 6975	Galaxy	COM	13	13.3	1.2'	11 59.0	+25 13	147	SO			NGC 4005 group
NGC 5089	UGC 8371	Galaxy	COM	13	13.3	1.7'	13 19.7	+30 15	109	Sbc			H II 327;Peculiar;dif irr outer disc;prob twisted plane
NGC 4510	UGC 7679	Galaxy	DRA	13	13.3	1.5'	12 31.8	+64 14	25	Elliptical			
NGC 6619	UGC 11200	Galaxy	HER	13	13.3	1.2'	18 18.9	+23 39	159	Elliptical			
NGC 1356	ESO 200-31	Galaxy	HOR	13	13.3	1.4'	03 30.7	-50 19	420	SBbc			
NGC 3815	UGC 6654	Galaxy	LEO	13	13.3	1.7'	11 41.7	+24 48	147	Sab			H III 339
NGC 7460	UGC 12312	Galaxy	PSC	13	13.3	1.5'	23 01.7	+02 16	258	SB/P			Companion superimposed;disturbed;3-armed gal
NGC 7591	UGC 12486	Galaxy	PSC	13	13.3	1.9'	23 18.3	+06 35	214	SBbc			
NGC 409	ESO 352-12	Galaxy	SCL	13	13.3	1.3'	01 09.6	-35 48	352	Elliptical			
NGC 5209	UGC 8522	Galaxy	VIR	13	13.3	1.2'	13 32.7	+07 20	195	Elliptical			H III 10;compact;NGC 5210 at 9.7'
NGC 7618	UGC 12516	Galaxy	AND	13	13.2	1.2'	23 19.8	+42 51	88	Elliptical			
NGC 1101	UGC 2278	Galaxy	CET	13	13.2	1.3'	02 48.2	+04 35	220	SO			
NGC 1219	UGC 2556	Galaxy	CET	13	13.2	1.2'	03 08.5	+02 06	221	Sc			
NGC 4957	UGC 8178	Galaxy	COM	13	13.2	1.2'	13 05.2	+27 34	150	Elliptical			H II 397;P w NGC 4961 @ 12.5'
NGC 5180	UGC 8479	Galaxy	COM	13	13.2	1.4'	13 29.4	+16 50	195	SO			H III 71;vB core in F ext halo;double system
NGC 939	ESO 246-11	Galaxy	ERI	13	13.2	1.2'	02 26.4	-44 27	389	Elliptical			
NGC 3451	UGC 6023	Galaxy	LMI	13	13.2	1.7'	10 54.4	+27 14	145	SBcd			H II 364
NGC 2980	MCG - 1-25-	Galaxy	SEX	13	13.2	1.6'	09 43.2	-09 37	278	SBbc			H III 528
NGC 4384	UGC 7506	Galaxy	UMA	13	13.2	1.3'	12 25.2	+54 30	47	Sap			
NGC 3825	NGC 3852	Galaxy	VIR	13	13.2	1.3'	11 42.4	+10 16	192	SBa			H II 154
NGC 4044	UGC 7018	Galaxy	VIR	13	13.2	1.2'	12 02.5	-00 13	238	Elliptical			H III 491
NGC 4200	UGC 7251	Galaxy	VIR	13	13.2	1.5'	12 14.7	+12 11	193	SO			H II 164
NGC 4811	ESO 323-47	Galaxy	CEN	13	13.1	1.3'	12 56.9	-41 48	402	SBO-a			
NGC 4926	UGC 8142	Galaxy	COM	13	13.1	1.1'	13 01.9	+27 37	149	E-SO			NGC 4926A is 3.4' nf
NGC 4935	UGC 8159	Galaxy	COM	13	13.1	1.2'	13 03.4	+14 23	194	SBb			Similar to NGC 210
NGC 5289	UGC 8699	Galaxy	CVN	13	13.1	1.6'	13 45.1	+41 30	76	SBab			H II 668;B centr reg surrounded by a B ring
NGC 5352	UGC 8812	Galaxy	CVN	13	13.1	1.2'	13 53.6	+36 08	110	E-SO			H II 415
NGC 5410	UGC 8931	Galaxy	CVN	13	13.1	1.5'	14 00.9	+40 59	77	SB Ring			asym;ecc bar;blue patches along edge;P w UGC 8932
NGC 4513	UGC 7683	Galaxy	DRA	13	13.1	1.4'	12 32.0	+66 20	25	SO			
NGC 5981	UGC 9948	Galaxy	DRA	13	13.1	2.7'	15 37.9	+59 23	51	Sbc			In triple group w N 5982;N 5985;5976;m=15.7
NGC 1100	ESO 546-18	Galaxy	ERI	13	13.1	1.7'	02 45.6	-17 41	310	SBa			
NGC 7231	UGC 11951	Galaxy	LAC	13	13.1	1.9'	22 12.5	+45 20	87	SBa			H II 606
NGC 3060	UGC 5338	Galaxy	LEO	13	13.1	2.2'	09 56.3	+16 50	189	Sb			H III 601;P w UGC 5343 at 6.4';PA101;mag 15.5;1.2'X0.
NGC 2518	UGC 4221	Galaxy	LYN	13	13.1	1.2'	08 07.3	+51 08	43	E-SO			spiral
NGC 311	UGC 592	Galaxy	PSC	13	13.1	1.5'	00 57.5	+30 17	90	SO			
NGC 634	UGC 1164	Galaxy	TRI	13	13.1	2.1'	01 38.3	+35 22	91	Sa			
NGC 4544	UGC 7756	Galaxy	VIR	13	13.1	2'	12 35.6	+03 02	239	SBO-a			
NGC 4591	UGC 7821	Galaxy	VIR	13	13.1	1.6'	12 39.2	+06 01	194	Sab			H III 504
NGC 5252	UGC 8622	Galaxy	VIR	13	13.1	1.4'	13 38.3	+04 33	241	SO			H III 505;15mag comp at 7' PA 126
NGC 124	UGC 271	Galaxy	CET	13	13	1.4'	00 27.9	-01 49	216	Sc			
NGC 3969	ESO 572-17	Galaxy	CRT	13	13	1.4'	11 55.2	-18 56	327	SBO-a F			
NGC 3215	UGC 5659	Galaxy	DRA	13	13	1.1'	10 28.7	+79 49	8	Sbc			H III 981;P w NGC 3212;distorted
NGC 3282	ESO 568-16	Galaxy	HYA	13	13	1.9'	10 32.4	-22 18	325	SBO Ring			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 7810	UGC 12919	Galaxy	PEG	13	13	1.2'	00 02.3	+12 58	170	SO			H III 984;UGC 12919
NGC 25	ESO 149-19	Galaxy	PHE	13	13	1.4'	00 10.0	-57 01	416	E-SO Ba			
NGC 3725	UGC 6542	Galaxy	UMA	13	13	1.2'	11 33.7	+61 53	25	SBc			H II 836
NGC 4436	UGC 7573	Galaxy	VIR	13	13	1.5'	12 27.7	+12 19	193	SO			H II 172;NGC 4440 @ 3.3';NGC 4431 @ 3.5'
NGC 4541	UGC 7749	Galaxy	VIR	13	13	1.6'	12 35.2	-00 13	239	SBbc			H III 493
NGC 5049	MCG - 3-34-	Galaxy	VIR	13	13	1.8'	13 16.0	-16 24	285	SO			H II 512
NGC 5674	UGC 9369	Galaxy	VIR	13	13	1.1'	14 33.9	+05 27	242	SBc Ring			H II 893
NGC 5090A	ESO 269-84	Galaxy	CEN	13	12.9	1.7'	13 19.3	-43 39	403	SO			
NGC 5234	ESO 220-24	Galaxy	CEN	13	12.9	1.3'	13 37.5	-49 50	403	SBO-a F			
NGC 560	UGC 1036	Galaxy	CET	13	12.9	1.9'	01 27.4	-01 55	218	SO			H III 441;UGC 1036
NGC 5445	UGC 8976	Galaxy	CVN	13	12.9	1.5'	14 03.5	+35 01	110	SO			H III 413;NGC 5444 Group
NGC 2706	UGC 4680	Galaxy	HYA	13	12.9	1.8'	08 56.2	-02 34	232	SBc			
NGC 3335	ESO 501-71	Galaxy	HYA	13	12.9	1.1'	10 39.6	-23 55	325	SBO-a			
NGC 5464	ESO 446-11	Galaxy	HYA	13	12.9	1.3'	14 07.1	-30 01	371	Ir+			
NGC 5626	ESO 447- 8	Galaxy	HYA	13	12.9	1.2'	14 29.8	-29 45	372	Sa			
NGC 7543	UGC 12450	Galaxy	PEG	13	12.9	1.1'	23 14.6	+28 20	124	Sbc			
NGC 385	UGC 687;A	Galaxy	PSC	13	12.9	1.1'	01 07.5	+32 19	91	E-SO			In NGC 383 group
NGC 485	UGC 895	Galaxy	PSC	13	12.9	1.8'	01 21.5	+07 01	173	S pec			
NGC 2854	UGC 4995	Galaxy	UMA	13	12.9	1.6'	09 24.0	+49 12	71	SBb			H III 714;Arp class=double galaxy;brightest of 3
NGC 3220	IC 604	Galaxy	UMA	13	12.9	1.3'	10 23.7	+57 02	45	Sb			H III 911
NGC 3125	ESO 435-41	Galaxy	ANT	13	12.8	1.1'	10 06.6	-29 56	365	E5			
NGC 5827	UGC 9662	Galaxy	BOO	13	12.8	1.1'	15 01.9	+25 58	153	S pec			disturbed;smf F cond at np edge;disturbing comp?
NGC 1510	ESO 250- 3	Galaxy	HOR	13	12.8	3.2'	04 03.5	-43 24	391	SO			
NGC 7316	UGC 12098	Galaxy	PEG	13	12.8	1.1'	22 35.9	+20 19	167	Sc			H III 180
NGC 2821	ESO 497-34	Galaxy	PYX	13	12.8	2'	09 16.8	-26 49	322	Sbc			
NGC 3870	UGC 6742	Galaxy	UMA	13	12.8	1'	11 45.9	+50 12	47	SO			H III 833
NGC 3958	UGC 6880	Galaxy	UMA	13	12.8	1.3'	11 54.6	+58 22	47	SBa			P w NGC 3963 @ 8.3';PA3;comp 0.4';PA95;0.1'X0.1'
NGC 4765	UGC 8018	Galaxy	VIR	13	12.8	1.1'	12 53.2	+04 28	239	Sa			H III 544
NGC 4843	MCG 0-33-	Galaxy	VIR	13	12.8	2.1'	12 58.0	-03 37	239	Sa			H III 613
NGC 76	UGC 185	Galaxy	AND	13	12.7	1'	00 19.6	+29 56	89	Compac			compact;complex nucl region
NGC 5417	UGC 8943	Galaxy	BOO	13	12.7	1.5'	14 02.2	+08 02	196	Sa			H III 11
NGC 2738	UGC 4752	Galaxy	CNC	13	12.7	1.4'	09 04.0	+21 58	142	Sc			brightest in group;spiral
NGC 7003	UGC 11662	Galaxy	DEL	13	12.7	1.1'	21 00.7	+17 48	164	Sbc			
NGC 7232A	ESO 289- 3	Galaxy	GRU	13	12.7	2.1'	22 13.7	-45 54	414	SBab			
NGC 3340	NGC 3339	Galaxy	SEX	13	12.7	1'	10 42.3	-00 23	235	Sbc			
NGC 5250	UGC 8594	Galaxy	UMA	13	12.7	1'	13 36.1	+51 14	49	SO			H II 817
NGC 304	UGC 573	Galaxy	AND	13	12.6	1.1'	00 56.1	+24 08	127	S pec			eruptive ?;sff of 2
NGC 7545	ESO 347- 4	Galaxy	GRU	13	12.6	1.1'	23 15.5	-38 32	385	SB Ring			
NGC 2759	UGC 4795	Galaxy	LYN	13	12.6	1'	09 08.6	+37 37	103	E-SO			H III 647;brightest in group
NGC 504	UGC 935	Galaxy	PSC	13	12.6	1.7'	01 23.5	+33 12	91	SO			in very dense part of the cluster
NGC 527	ESO 352-68	Galaxy	SCL	13	12.6	1.6'	01 24.0	-35 07	352	SBO-a			
NGC 7087	ESO 343- 8	Galaxy	GRU	13	12.5	1.1'	21 34.6	-40 49	413	Sab			
NGC 2769	UGC 4816	Galaxy	UMA	13	12.5	1.8'	09 10.5	+50 26	44	Sa			brightest in NGC 2769 group
NGC 3111	UGC 5441	Galaxy	UMA	13	12.5	0.9'	10 06.1	+47 16	72	E-SO			comp 2.1';PA20;0.4'X0.2';dif
NGC 4743	ESO 323-21	Galaxy	CEN	13	12.4	1.4'	12 52.3	-41 23	402	SO			
NGC 6052	NGC 6064-1	Galaxy	HER	13	12.4	0.8'	16 05.2	+20 32	155	Pec			H III 140;Double system
NGC 3453	ESO 569-17	Galaxy	HYA	13	12.4	1.1'	10 53.7	-21 48	325	SBb			
NGC 5743	ESO 580-17	Galaxy	LIB	13	12.4	1.4'	14 45.2	-20 55	333	Sb			
NGC 5368	UGC 8834	Galaxy	UMA	13	12.4	0.9'	13 54.5	+54 20	49	SBab			H III 786
NGC 530	IC 1696; UG	Galaxy	CET	13	12.3	1.5'	01 24.7	-01 35	218	Sa			
NGC 443	IC 1653	Galaxy	PSC	13	12.3	0.8'	01 15.1	+33 23	91	S			UGC 796
NGC 781	UGC 1482	Galaxy	ARI	13	12.2	1.5'	02 00.1	+12 39	174	Sb			H III 215
NGC 4696D	ESO 322-88	Galaxy	CEN	13	12.2	1.6'	12 48.4	-41 43	402	SBO			
NGC 1349	UGC 2774	Galaxy	TAU	13	12.2	0.7'	03 31.5	+04 23	222	SO			
NGC 2610	PK 239+13.1	Pln Neb	HYA	13	12.1	50"	08 33.4	-16 09	276	4(2)	15.9		H IV 35;PK239+13.1
NGC 2920	ESO 565-15	Galaxy	HYA	13	12.1	0.9'	09 34.2	-20 52	323	Sa			
NGC 3085	ESO 566-38	Galaxy	HYA	13	11.9	1.2'	09 59.5	-19 30	324	SO			
NGC 5939	UGC 9854	Galaxy	UMI	13	11.9	0.9'	15 24.8	+68 44	28	Sbc			comp at 8.2' PA 225 0.5X0.3 m=15.5
UGC 5953	Mrk 155	Galaxy	UMA	13	11.1	0.6'	10 51.3	+44 34	73	Pec			
NGC 7594	IC 5307	Galaxy	PEG	13	11	1.4'	23 18.2	+10 18	214	Sb			
NGC 7119B	NGC 7119-2	Galaxy	GRU	13	10.9	1.1'	21 46.2	-46 31	413	Sc			
NGC 6058	PK 64+48.1	Pln Neb	HER	13	10.8	25"	16 04.4	+40 41	79	3(2)	13.9		H III 637;PK64+48.1
NGC 6563	PK 358-7.1	Pln Neb	SGR	13	10.3	54"	18 12.0	-33 52	377	3a	18		
IC 4673	PK 3-2.3	Pln Neb	SGR	13	9.9	18"	18 03.3	-27 06	339	4	14.6		
NGC 6445	PK 8+3.1;H I	Pln Neb	SGR	13	9.6	35"	17 49.3	-20 01	338	3b(3)	19		Little Gem , crescent nebula

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
PK 32- 2.1	M1-66	Pln Neb	AQL	13	9.4	10.0"	18 58.4	-01 04	251	1			
PK 189+ 7.1	M1- 7	Pln Neb	GEM	13	9.3	38"	06 37.4	+24 01	137	2		19.6	9 mag * 40" NW
IC 4663	PK 346-8.1	Pln Neb	SCO	13	8.8	14"	17 45.5	-44 54	408	4		14	
NGC 6565	PK 3-4.5	Pln Neb	SGR	13	8.1	10"	18 11.9	-28 11	377	4		19.5	
PK 248- 8.1	M4- 2	Pln Neb	PUP	13	8	8"	07 28.9	-35 45	361	2		17	
PK 3- 6.1	M2-36	Pln Neb	SGR	13	7.5	8.8"	18 17.7	-29 08	377	2		15.7	
NGC 6439	PK 11+5.1	Pln Neb	SGR	13	7.3	6.1"	17 48.3	-16 28	293	2a		18	
NGC 847	NGC 846	Galaxy	AND	13.1	-	1.9'	02 12.2	+44 34	62	SBab			
NGC 6915	IRAS20251-0	Galaxy	AQL	13.1	-	1.5'	20 27.8	-03 05	253	Sab			
NGC 2253	UGC 3511	Opn CL	CAM	13.1	-	1.4'	06 43.7	+65 12	21	1			H VII 54;Mis-identified as galaxy in CGCG
NGC 763	NGC 755	Galaxy	CET	13.1	-	3.3'	01 56.4	-09 04	264	SBb			
NGC 3544	NGC 3571	Galaxy	CRT	13.1	-	3'	11 11.5	-18 17	326	SBa			
IC 1311	OCL 173	CL+Neb	CYG	13.1	-	5'	20 10.3	+41 13	84	II 3 r n	60	17	Neb Descr=60'x20' emission neb in sev parts
PK 223- 2.1	K1- 8	Brn Neb	MON	13.1	-	79"	07 03.4	-10 34	273	2		16.8	Not a PLNNB;typical H II spectrum
PK 3+ 2.1	Hubble 4	Pln Neb	OPH	13.1	-	6.6"	17 41.9	-24 42	338	3b		17	
PK 358+ 5.2	He2-216	Pln Neb	OPH	13.1	-	3"	17 22.4	-27 09	338			17.2	
NGC 454	ESO 151-36	Galaxy	PHE	13.1	-	1.7'	01 14.4	-55 24	417	S pec			
NGC 692	ESO 197- 3	Galaxy	PHE	13.1	-	2.1'	01 48.7	-48 39	388	SBbc			
PK 249- 5.1	Abell 23	Pln Neb	PUP	13.1	-	54"	07 43.3	-34 45	362				
PK 3- 4.8	M2-30	Pln Neb	SGR	13.1	-	9.0"	18 12.6	-27 58	339	1		17.1	
PK 11- 5.1	M1-47	Pln Neb	SGR	13.1	-	4.8"	18 29.2	-21 47	340	2		15.3	
PK 19-19.1	K2- 7	Pln Neb	SGR	13.1	-	2.3'	19 40.5	-20 27	342	3b		19.3	
NGC 1551	NGC 1550	Galaxy	TAU	13.1	-	2.2'	04 19.6	+02 25	223	E			H II 464
NGC 4130	NGC 4129	Galaxy	VIR	13.1	-	2.3'	12 08.9	-09 02	283	SBab			
NGC 4610	NGC 4470	Galaxy	VIR	13.1	-	1.3'	12 29.6	+07 49	193	Sa			H II 19
UGC 3974	PGC 21600	Galaxy	GEM	13.1	16.4	3.1'	07 41.9	+16 48	184	Ir-			
UGC 8839	PGC 49497	Galaxy	BOO	13.1	15.5	4.0'	13 55.4	+17 47	151	Ir-			
UGC 2034	PGC 9759	Galaxy	AND	13.1	15.1	3.1'	02 33.7	+40 32	62	Ir+			
NGC 3104	UGC 5414	Galaxy	LMI	13.1	15.1	3.3'	10 04.0	+40 45	72	Ir			H IV 48;irr
UGC 6817	PGC 37050	Galaxy	UMA	13.1	14.9	4.1'	11 50.8	+38 52	107	Ir+			
UGC 8658	PGC 48392	Galaxy	UMA	13.1	14.8	2.8'	13 40.7	+54 20	49	SAB(rs)c			
UGC 12178	PGC 69650	Galaxy	PEG	13.1	14.7	3.4'	22 45.1	+06 26	213	S(B)dm			
UGC 6616	PGC 36137	Galaxy	UMA	13.1	14.7	2.3'	11 39.4	+58 16	47	Sd			
UGC 8303	Holmberg VI	Galaxy	CVN	13.1	14.6	2.5'	13 13.3	+36 13	109	Ir+			MCG +06-29-061
UGC 7943	PGC 43106	Galaxy	VIR	13.1	14.5	2.5'	12 46.7	+05 58	194	Scd			
NGC 6248	UGC 10564	Galaxy	DRA	13.1	14.4	3.1'	16 46.4	+70 21	29	SBcd			
NGC 3443	UGC 6000	Galaxy	LEO	13.1	14.4	2.8'	10 53.0	+17 34	145	Scd			
NGC 2326	UGC 3681	Galaxy	LYN	13.1	14.3	1.8'	07 08.2	+50 41	42	SBb			H II 734
NGC 5923	UGC 9823	Galaxy	BOO	13.1	14.2	1.8'	15 21.2	+41 44	78	SBbc			
NGC 4715	UGC 7986	Galaxy	COM	13.1	14.2	1.8'	12 50.0	+27 49	149	Sa			
UGC 7408	PGC 39918	Galaxy	CVN	13.1	14.2	2.3'	12 21.3	+45 49	74	Ir+			
NGC 7291	UGC 12047	Galaxy	PEG	13.1	14.2	1.8'	22 28.5	+16 47	212	SO			
NGC 36	UGC 106	Galaxy	PSC	13.1	14.2	2.2'	00 11.4	+06 23	170	SBb			H III 456;p of 2;interaction;bridge? to comp 1 ' PA 83
IC 3475	UGC 7692	Galaxy	VIR	13.1	14.2	1.7'	12 32.7	+12 46	194	Elliptical			Member of Virgo group of galaxies
NGC 5293	UGC 8710	Galaxy	BOO	13.1	14.1	1.8'	13 46.9	+16 16	196	Sc			vsBN;2 main filam arms w some knots and branch.
NGC 5508	UGC 9094	Galaxy	BOO	13.1	14.1	2'	14 12.5	+24 38	152	SO			H I 255
NGC 5240	UGC 8587	Galaxy	CVN	13.1	14.1	1.9'	13 35.9	+35 35	109	SBc			H III 409
NGC 7495	UGC 12391	Galaxy	PEG	13.1	14.1	1.8'	23 09.0	+12 03	213	Sc			
NGC 791	UGC 1511	Galaxy	PSC	13.1	14.1	1.6'	02 01.7	+08 30	174	Elliptical			Brightest of 3
NGC 12	UGC 74	Galaxy	PSC	13.1	14	1.6'	00 08.7	+04 37	215	SBbc			H III 868;UGC 74
NGC 5227	UGC 8566	Galaxy	VIR	13.1	14	1.8'	13 35.4	+01 25	240	SBb			H III 928
NGC 7046	UGC 11708	Galaxy	EQU	13.1	13.9	1.9'	21 14.9	+02 50	255	SBc			H III 858
NGC 3270	UGC 5711	Galaxy	LEO	13.1	13.9	3.1'	10 31.5	+24 52	145	SBb Rin			H III 331;comp 2.6';PA121;0.25'x0.12'
NGC 2746	UGC 4770	Galaxy	LYN	13.1	13.9	1.6'	09 06.0	+35 23	103	SBa			medium compact;several faint objects in vicinity
NGC 7318B	NGC 7318-2	Galaxy	PEG	13.1	13.9	1.6'	22 36.0	+33 58	123	SBbc			Stephan's Quintet ;B is distorted colliding w A
IC 3115	UGC 7333	Galaxy	VIR	13.1	13.9	1.7'	12 18.0	+06 39	193	SBc			P w NGC 4241
NGC 668	UGC 1238	Galaxy	AND	13.1	13.8	1.8'	01 46.4	+36 28	92	Sb			
NGC 801	UGC 1550	Galaxy	AND	13.1	13.8	3.1'	02 03.7	+38 16	92	Sc			P w NGC 797
NGC 3249	ESO 375-24	Galaxy	ANT	13.1	13.8	1.6'	10 26.4	-34 58	366	SBc			
NGC 4758	UGC 8014	Galaxy	COM	13.1	13.8	3'	12 52.7	+15 51	194	SB/P			H III 70
NGC 5029	UGC 8293	Galaxy	CVN	13.1	13.8	1.7'	13 12.6	+47 04	76	Elliptical			
NGC 6060	UGC 10196	Galaxy	HER	13.1	13.8	2'	16 05.9	+21 29	155	SBbc			
NGC 6460	UGC 10997	Galaxy	HER	13.1	13.8	1.9'	17 49.5	+20 46	158	Sc			P w NGC 6458
NGC 3221	UGC 5601	Galaxy	LEO	13.1	13.8	3.1'	10 22.3	+21 34	144	SBc			SN 1961 I
NGC 7319	UGC 12102	Galaxy	PEG	13.1	13.8	1.4'	22 36.1	+33 59	123	SBbc			Stephan's Quintet ;distorted

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1497	UGC 2929	Galaxy	TAU	13.1	13.8	1.8'	04 02.1	+23 08	133	SO			brightest of 4
NGC 7065A	MCG - 1-54	Galaxy	AQR	13.1	13.7	1.5'	21 27.0	-07 01	300	SBc			
NGC 5424	UGC 8956	Galaxy	BOO	13.1	13.7	1.6'	14 02.9	+09 25	196	SO			
NGC 165	MCG - 2- 2-	Galaxy	CET	13.1	13.7	1.6'	00 36.5	-10 06	261	SBbc			
NGC 7407	UGC 12230	Galaxy	PEG	13.1	13.7	2'	22 53.4	+32 08	123	Sc			Inner spiral structure
NGC 1270	UGC 2660	Galaxy	PER	13.1	13.7	0.9'	03 19.0	+41 28	63	E2			Perseus Cl
NGC 1093	UGC 2274	Galaxy	TRI	13.1	13.7	1.8'	02 48.3	+34 25	93	Sab			
NGC 2892	UGC 5073	Galaxy	UMA	13.1	13.7	1.4'	09 32.9	+67 37	23	SOp			brightest in group;compact? (*) superimposed at 0.3
NGC 792	UGC 1517	Galaxy	ARI	13.1	13.6	1.7'	02 02.3	+15 43	174	SO			
NGC 1759	ESO 305- 1	Galaxy	CAE	13.1	13.6	1.4'	05 00.8	-38 40	358	Elliptical			
NGC 268	MCG - 1- 3-	Galaxy	CET	13.1	13.6	1.6'	00 50.2	-05 12	217	SBbc			H III 463
NGC 364	UGC 666	Galaxy	CET	13.1	13.6	1.4'	01 04.7	-00 48	217	SO			
NGC 702	MCG - 1- 5-	Galaxy	CET	13.1	13.6	1.5'	01 51.3	-04 03	218	SBbc/P			H III 192;probable interacting system
NGC 4633	IC 3688;UGC	Galaxy	COM	13.1	13.6	2'	12 42.6	+14 21	194	SBd			NGC 4634 @ 3.5'
NGC 5056	UGC 8337	Galaxy	COM	13.1	13.6	1.8'	13 16.2	+30 57	109	Sc			H III 306;Brightest in cluster;NGC 5057 @ 6 ' ;PA35
NGC 6417	UGC 10945	Galaxy	HER	13.1	13.6	1.4'	17 41.8	+23 40	158	SBb			Distorted arm in sf part
NGC 3475	UGC 6058	Galaxy	LEO	13.1	13.6	1.7'	10 58.4	+24 14	146	Sa			H III 332;brightest in group
NGC 3947	UGC 6863	Galaxy	LEO	13.1	13.6	1.4'	11 53.3	+20 45	147	SBb			comp 1.6';PA232;0.35'X0.15';comp 3 ' ;PA250;0.7'X0.4'
NGC 2497	UGC 4168	Galaxy	LYN	13.1	13.6	1.4'	08 02.2	+56 57	43	E-SO			H III 838;compact
NGC 6710	UGC 11364	Galaxy	LYR	13.1	13.6	1.7'	18 50.6	+26 50	160	Sa			
UGC 3964	PGC 21535	Galaxy	MON	13.1	13.6	1.7'	07 40.3	-01 35	229	S(B)dm			
NGC 7774	UGC 12819	Galaxy	PEG	13.1	13.6	1.3'	23 52.2	+11 28	170	Elliptical			
NGC 92	ESO 194-12	Galaxy	PHE	13.1	13.6	1.9'	00 21.5	-48 38	386	Sa			
NGC 508	UGC 939	Galaxy	PSC	13.1	13.6	1.3'	01 23.7	+33 17	91	EO			H III 160
NGC 597	ESO 353-11	Galaxy	SCL	13.1	13.6	1.4'	01 32.2	-33 30	352	SBbc			
NGC 7645	ESO 470- 3	Galaxy	SCL	13.1	13.6	1.5'	23 23.8	-29 23	385	SBc			
NGC 5348	UGC 8821	Galaxy	VIR	13.1	13.6	3.5'	13 54.2	+05 14	241	SBbc			
NGC 6912	ESO 596-38	Galaxy	CAP	13.1	13.5	1.4'	20 26.9	-18 37	343	SBc			
NGC 1989	ESO 423-21	Galaxy	COL	13.1	13.5	1.4'	05 34.4	-30 48	358	E-SO			
NGC 3212	UGC 5643	Galaxy	DRA	13.1	13.5	1.5'	10 28.3	+79 49	8	SBb			H III 980;P w NGC 3215;distorted
NGC 6385	UGC 10877	Galaxy	DRA	13.1	13.5	1.3'	17 28.0	+57 31	52	SBa			P w NGC 6387 3' nf
NGC 3285B	ESO 501-18	Galaxy	HYA	13.1	13.5	1.5'	10 34.6	-27 39	325	SBb			
NGC 378	ESO 412- 5	Galaxy	SCL	13.1	13.5	1.5'	01 06.2	-30 11	352	SB Ring			
NGC 5201	UGC 8480	Galaxy	UMA	13.1	13.5	1.7'	13 29.3	+53 05	48	S Ring			complex spir pattern in centr reg;2 asym outer arms
IC 163	UGC 1276	Galaxy	ARI	13.1	13.4	1.8'	01 49.3	+20 43	128	SBd			
NGC 5519	NGC 5570	Galaxy	BOO	13.1	13.4	1.6'	14 14.3	+07 31	197	Sa			P w NGC 5514
NGC 5630	UGC 9270	Galaxy	BOO	13.1	13.4	2.2'	14 27.6	+41 15	77	Sd			H II 674
NGC 5893	UGC 9774	Galaxy	BOO	13.1	13.4	1.2'	15 13.6	+41 58	78	SBb			H II 678;NGC 5895-6 at 4'3.vF bridge;total m=15.5
NGC 2794	UGC 4885	Galaxy	CNC	13.1	13.4	1.2'	09 16.0	+17 35	142	SB/P			amorphous v diff outside;bridge to comp?;brightest
NGC 4286	IC 3181	Galaxy	COM	13.1	13.4	1.5'	12 20.7	+29 21	108	Sa			3 Chain w NGC 4278 @ 8.8';NGC 4283 @ 5.2';H III 300
NGC 5407	UGC 8930	Galaxy	CVN	13.1	13.4	1.4'	14 00.8	+39 09	77	Elliptical			H III 684
NGC 2590	IC 507	Galaxy	HYA	13.1	13.4	2.2'	08 25.0	-00 36	231	Sbc			
ESO 287-13	PGC 66669	Galaxy	IND	13.1	13.4	3.7'	21 23.2	-45 46	412	SAbc			
NGC 6700	UGC 11351	Galaxy	LYR	13.1	13.4	1.4'	18 46.1	+32 17	117	SBc			
NGC 7149	UGC 11835	Galaxy	PEG	13.1	13.4	1.3'	21 52.2	+03 18	256	Elliptical			
NGC 7328	UGC 12118	Galaxy	PEG	13.1	13.4	2'	22 37.5	+10 32	212	Sab			
NGC 198	UGC 414	Galaxy	PSC	13.1	13.4	1.1'	00 39.4	+02 48	216	Sc			H II 857;NGC 182 group;Several tightly wound arms;
NGC 7746	UGC 12768	Galaxy	PSC	13.1	13.4	1.4'	23 45.3	-01 41	215	SO			
NGC 6023	UGC 10106	Galaxy	SER	13.1	13.4	1.4'	15 57.8	+16 19	200	E3			Brightest in group
NGC 6842	PK 65+0.1	Pln Neb	VUL	13.1	13.4	52.8"	19 55.0	+29 17	119	3b		14.5	
NGC 5798	UGC 9628	Galaxy	BOO	13.1	13.3	1.4'	14 57.6	+29 58	111	Ir Bar			H III 131;P w NGC 5789
NGC 5804	UGC 9627	Galaxy	BOO	13.1	13.3	1.2'	14 57.1	+49 40	78	SBb			NGC 5797 at 7.1';sev small faint comps w in 10'
NGC 4767B	ESO 323-41	Galaxy	CEN	13.1	13.3	1.3'	12 54.7	-39 51	402	SBc			
NGC 4556	UGC 7765	Galaxy	COM	13.1	13.3	1.2'	12 35.8	+26 55	149	Elliptical			H II 380
NGC 1578	ESO 202-14	Galaxy	DOR	13.1	13.3	1.2'	04 23.8	-51 36	420	Sa			
NGC 6361	UGC 10815	Galaxy	DRA	13.1	13.3	2.2'	17 18.7	+60 36	52	Sb			nf of 2
NGC 6429	UGC 10960	Galaxy	HER	13.1	13.3	1.8'	17 44.1	+25 21	158	SBa			
NGC 2936	UGC 5130	Galaxy	HYA	13.1	13.3	1.3'	09 37.7	+02 46	233	Ring			multiple system;strongly distorted
NGC 3037	ESO 499-10	Galaxy	HYA	13.1	13.3	1.3'	09 51.4	-27 01	323	SBp			
NGC 2426	UGC 3977	Galaxy	LYN	13.1	13.3	1.1'	07 43.3	+52 19	43	Elliptical			H II 822
NGC 2793	UGC 4894	Galaxy	LYN	13.1	13.3	1.2'	09 16.8	+34 26	103	SBp			bright knotty bar;blue patchy spiral arc on n edge
NGC 1164	UGC 2490	Galaxy	PER	13.1	13.3	1.3'	03 02.0	+42 35	63	SBab Ri			comp 3.8';PA332;.4X0.3;peculiar
NGC 7682	UGC 12622	Galaxy	PSC	13.1	13.3	1.2'	23 29.1	+03 32	259	SBab			disturbed
NGC 6063	UGC 10210	Galaxy	SER	13.1	13.3	1.7'	16 07.2	+07 59	200	Sc			
NGC 6867	ESO 186- 6	Galaxy	TEL	13.1	13.3	2'	20 10.5	-54 47	436	SBbc			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2676	UGC 4627	Galaxy	UMA	13.1	13.3	1.2'	08 51.6	+47 33	70	SO			vB core;e diff disc or corona;compact
NGC 5370	UGC 8832	Galaxy	UMA	13.1	13.3	1.1'	13 54.2	+60 41	49	SBO Rir			H II 843
NGC 51	UGC 138	Galaxy	AND	13.1	13.2	1.7'	00 14.6	+48 15	59	S0 Pec			brightest in group of 6 including NGC 49 and NGC 48
NGC 711	UGC 1342	Galaxy	ARI	13.1	13.2	1.6'	01 52.5	+17 31	129	SO			
NGC 4940	ESO 269-42	Galaxy	CEN	13.1	13.2	1.2'	13 05.0	-47 14	402	Sa			
NGC 934	UGC 1926	Galaxy	CET	13.1	13.2	1.3'	02 27.5	-00 15	220	E-SO			
NGC 2512	UGC 4191	Galaxy	CNC	13.1	13.2	1.4'	08 03.1	+23 23	140	SBb			H III 605
NGC 4061	NGC 4055	Galaxy	COM	13.1	13.2	1.2'	12 04.0	+20 14	148	Elliptical			H III 394;Compact;p w NGC 4065 @ 1'
NGC 4166	UGC 7198	Galaxy	COM	13.1	13.2	1.2'	12 12.2	+17 45	148	SBO			
NGC 4615	UGC 7852	Galaxy	COM	13.1	13.2	1.6'	12 41.6	+26 04	149	Sc Ring			Brightest in group;NGC 4613 @ 2.1';NGC 4614 @ 2.4'
NGC 4978	UGC 8212	Galaxy	COM	13.1	13.2	1.5'	13 07.8	+18 25	150	Sa			
NGC 3879	UGC 6752	Galaxy	DRA	13.1	13.2	2.7'	11 46.8	+69 23	25	Sd			H II 881
NGC 6267	UGC 10628	Galaxy	HER	13.1	13.2	1.3'	16 58.1	+22 59	157	SBc			H III 123
NGC 2994	UGC 5239	Galaxy	LEO	13.1	13.2	1.3'	09 47.3	+22 05	143	SO			P w NGC 2988;2891
NGC 7620	UGC 12520	Galaxy	PEG	13.1	13.2	1.2'	23 20.1	+24 13	169	Sc			
NGC 7631	UGC 12539	Galaxy	PEG	13.1	13.2	1.7'	23 21.4	+08 13	214	Sb			
NGC 6051	IC 4588	Galaxy	SER	13.1	13.2	1.3'	16 04.9	+23 56	155	E4			sev comps
NGC 6875A	ESO 284-24	Galaxy	TEL	13.1	13.2	2.7'	20 11.9	-46 09	411	SBbc			
NGC 3625	UGC 6348	Galaxy	UMA	13.1	13.2	2'	11 20.5	+57 47	46	SBb			H II 885;UGC 6348
NGC 3895	UGC 6785	Galaxy	UMA	13.1	13.2	1.1'	11 49.1	+59 26	47	SBa			H II 832;P w NGC 3894 at 2'
NGC 262	UGC 499;M	Galaxy	AND	13.1	13.1	1.4'	00 48.8	+31 57	90	Sa			
NGC 6821	MCG - 1-50-	Galaxy	AQL	13.1	13.1	1.3'	19 44.4	-06 50	297	SBcd			
NGC 5459	UGC 9005	Galaxy	BOO	13.1	13.1	1.1'	14 05.0	+13 08	196	SO			
NGC 4070	NGC 4059	Galaxy	COM	13.1	13.1	1'	12 04.2	+20 25	148	Elliptical			H III 391
NGC 4495	UGC 7663	Galaxy	COM	13.1	13.1	1.4'	12 31.4	+29 08	108	Sab			H III 301
NGC 6651	UGC 11236	Galaxy	DRA	13.1	13.1	1.6'	18 24.3	+71 36	30	Sbc			
NGC 854	ESO 354-47	Galaxy	FOR	13.1	13.1	1.8'	02 11.5	-35 50	353	SBc			
NGC 2275	UGC 3542	Galaxy	GEM	13.1	13.1	1.3'	06 47.3	+33 36	99	Sab			H II 614;distorted
NGC 3428	NGC 3429	Galaxy	LEO	13.1	13.1	1.5'	10 51.5	+09 17	190	SBb			
NGC 3609	UGC 6310	Galaxy	LEO	13.1	13.1	1.2'	11 17.8	+26 37	146	SBab Ri			P w NGC 3612 at 5.4';PA274
NGC 7194	UGC 11888	Galaxy	PEG	13.1	13.1	1.1'	22 03.5	+12 38	211	Elliptical			Brightest in group
NGC 1334	UGC 2694	Galaxy	PER	13.1	13.1	1.5'	03 30.0	+41 50	63	SBc			disrupted spiral:red main body;spir arc f side
NGC 384	UGC 686;A	Galaxy	PSC	13.1	13.1	1.1'	01 07.4	+32 18	91	E3			In NGC 383 group
NGC 6021	UGC 10102	Galaxy	SER	13.1	13.1	1.4'	15 57.5	+15 57	200	E5			H III 73;P w NGC 6018
NGC 1002	NGC 983	Galaxy	TRI	13.1	13.1	1.2'	02 38.9	+34 37	93	SBb			comps@ 2.2';PA247;,3X0.3;2.5';PA279;,8X0.5
NGC 3795	UGC 6629	Galaxy	UMA	13.1	13.1	2.1'	11 40.1	+58 37	47	Sbc			H III 844
NGC 3822	NGC 3848	Galaxy	VIR	13.1	13.1	1.4'	11 42.2	+10 17	192	SO			H II 153;NGC 3825 at 3.2;105
NGC 3952	IC 2972	Galaxy	VIR	13.1	13.1	1.6'	11 53.7	-04 00	237	Sm			H III 612
NGC 4077	NGC 4140	Galaxy	VIR	13.1	13.1	1.2'	12 04.6	+01 47	238	SO			H III 258
NGC 4668	UGC 7931	Galaxy	VIR	13.1	13.1	1.4'	12 45.5	-00 32	239	SBcd			H III 663;NGC 4666 @ 7.3'
NGC 5384	UGC 8886	Galaxy	VIR	13.1	13.1	1.5'	13 58.2	+06 31	196	SO			
NGC 5993	UGC 10007	Galaxy	BOO	13.1	13	1.2'	15 44.5	+41 07	79	SBb			H III 636;P w NGC 5992
NGC 585	UGC 1092	Galaxy	CET	13.1	13	2.2'	01 31.7	-00 56	218	Sa			nucl bulge 0.50'X0.35'
NGC 839	MCG - 2-6-	Galaxy	CET	13.1	13	1.4'	02 09.7	-10 11	264	SO			H II 485
NGC 4272	UGC 7378	Galaxy	COM	13.1	13	1'	12 19.8	+30 20	107	Elliptical			H III 299
NGC 1099	ESO 546-15	Galaxy	ERI	13.1	13	1.9'	02 45.3	-17 43	310	SBb			
NGC 6081	IC 1202	Galaxy	HER	13.1	13	1.8'	16 12.9	+09 52	200	SO			
NGC 3425	NGC 3388	Galaxy	LEO	13.1	13	1'	10 51.4	+08 34	190	SO			H III 108;nnf of 2
NGC 3522	UGC 6159	Galaxy	LEO	13.1	13	1.2'	11 06.7	+20 05	146	Elliptical			comp 2.1';PA255;0.4'X0.1'
NGC 3886	UGC 6760	Galaxy	LEO	13.1	13	1.2'	11 47.1	+19 50	147	E-SO			
NGC 2456	UGC 4073	Galaxy	LYN	13.1	13	1.1'	07 54.2	+55 30	43	Elliptical			
NGC 2691	UGC 4664	Galaxy	LYN	13.1	13	1.2'	08 54.8	+39 32	70	Sa			H II 658;compact
NGC 2755	UGC 4789	Galaxy	LYN	13.1	13	1.2'	09 08.0	+41 42	70	Sb			H III 626;compact
NGC 119	ESO 150- 8	Galaxy	PHE	13.1	13	1'	00 27.0	-56 59	416	E-SO			
NGC 7259	ESO 467-50	Galaxy	PSA	13.1	13	1.1'	22 23.1	-28 57	384	Sb			
NGC 3017	MCG 0-25-	Galaxy	SEX	13.1	13	1'	09 49.1	-02 49	233	Elliptical			
NGC 3179	UGC 5555	Galaxy	UMA	13.1	13	1.8'	10 18.0	+41 07	72	SO			
NGC 4566	UGC 7769	Galaxy	UMA	13.1	13	1.3'	12 36.0	+54 13	48	Sbc			H III 880
NGC 5144A	UGC 8420	Galaxy	UMI	13.1	13	1.2'	13 22.9	+70 31	26	Scp			blue post-eruptive distorted spir w conds and jets
NGC 4418	NGC 4355	Galaxy	VIR	13.1	13	1.5'	12 26.9	-00 53	238	Sa			H III 492
NGC 3257	ESO 375-36	Galaxy	ANT	13.1	12.9	1'	10 28.8	-35 40	366	E-SO Ba			
NGC 4953	ESO 382- 8	Galaxy	CEN	13.1	12.9	1.2'	13 06.2	-37 35	370	Sa			
NGC 5298	ESO 445-39	Galaxy	CEN	13.1	12.9	1.4'	13 48.6	-30 26	371	SBb			
UGC 3946	PGC 21450	Galaxy	CMI	13.1	12.9	1.3'	07 38.0	+03 18	229	Ir+			vF companion north preced
NGC 4131	UGC 7126	Galaxy	COM	13.1	12.9	1.4'	12 08.8	+29 18	107	SBO-a			H III 356;NGC 4134 group

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 6143	UGC 10358	Galaxy	DRA	13.1	12.9	1'	16 21.7	+55 05	51	SBbc			H II 811
NGC 2690	UGC 4647	Galaxy	HYA	13.1	12.9	1.9'	08 52.6	-02 36	232	Sab			
NGC 3024	UGC 5275	Galaxy	LEO	13.1	12.9	2'	09 50.5	+12 46	188	Sc			H III 52;NGC 3020 group
NGC 3920	UGC 6803	Galaxy	LEO	13.1	12.9	1'	11 49.4	+24 56	147	SBbc			P w NGC 3911
NGC 7728	UGC 12727	Galaxy	PEG	13.1	12.9	1'	23 40.0	+27 08	169	Elliptical			
NGC 215	ESO 150-19	Galaxy	PHE	13.1	12.9	1.1'	00 40.8	-56 13	417	E-SO			
NGC 7258	ESO 467-49	Galaxy	PSA	13.1	12.9	1.4'	22 23.0	-28 21	384	Sb			
UGC 6520	Mrk 175	Galaxy	UMA	13.1	12.9	1.6'	11 32.5	+62 30	25	SB			north preced of 2
NGC 3256B	ESO 263-39	Galaxy	VEL	13.1	12.9	1.9'	10 29.0	-44 24	399	SBbc			
NGC 5208	UGC 8519	Galaxy	VIR	13.1	12.9	1.7'	13 32.5	+07 19	195	SO			H III 9;early spir;NGC 5209 at 3.7'
NGC 7256	NGC 7254	Galaxy	AQR	13.1	12.8	1.3'	22 22.6	-21 44	347	SBb			
NGC 5550	UGC 9154	Galaxy	BOO	13.1	12.8	1.2'	14 18.5	+12 53	197	Sb Ring			
NGC 5624	UGC 9256	Galaxy	BOO	13.1	12.8	1.1'	14 26.6	+51 35	49	S pec			Peculiar?
NGC 5787	UGC 9599	Galaxy	BOO	13.1	12.8	0.9'	14 55.3	+42 30	78	Compac			sharply delineated neutral ellip. disc compact;ellip.halo.
NGC 5355	UGC 8819	Galaxy	CVN	13.1	12.8	1.2'	13 53.8	+40 20	76	SO			H III 699 near 5654
NGC 1556	ESO 202- 4	Galaxy	DOR	13.1	12.8	1.7'	04 17.7	-50 10	420	Sab			Apparently misplotted
NGC 3890	NGC 3939	Galaxy	DRA	13.1	12.8	0.9'	11 49.3	+74 18	9	Sc			H III 940
NGC 6310	UGC 10730	Galaxy	DRA	13.1	12.8	1.9'	17 08.0	+60 59	52	Sb			
NGC 3076	ESO 566-34	Galaxy	HYA	13.1	12.8	1'	09 57.6	-18 11	324	Sab			
NGC 3146	ESO 567-23	Galaxy	HYA	13.1	12.8	1'	10 11.2	-20 52	324	SBb			
NGC 3426	UGC 5975	Galaxy	LEO	13.1	12.8	1.1'	10 51.7	+18 29	145	S			
NGC 3492	UGC 6094	Galaxy	LEO	13.1	12.8	1.1'	11 01.0	+10 30	191	Elliptical			double system;brightest in group
NGC 3710	UGC 6504	Galaxy	LEO	13.1	12.8	1'	11 31.1	+22 46	147	Elliptical			H II 350
NGC 4005	NGC 4007	Galaxy	LEO	13.1	12.8	1.2'	11 58.2	+25 07	147	S pec			
NGC 822	ESO 298- 9	Galaxy	PHE	13.1	12.8	1.1'	02 06.7	-41 09	389	Elliptical			
NGC 5648	NGC 5649	Galaxy	BOO	13.1	12.7	1.1'	14 30.5	+14 01	197	Sbc			P w NGC 5649 at 5.5'
NGC 5091	ESO 270- 4	Galaxy	CEN	13.1	12.7	1.8'	13 21.3	-43 43	403	Sb			
NGC 975	UGC 2030	Galaxy	CET	13.1	12.7	1.1'	02 33.4	+09 36	175	Sa			Brightest of group
NGC 4253	UGC 7344	Galaxy	COM	13.1	12.7	0.9'	12 18.4	+29 49	107	SBa			H III 702
NGC 5989	UGC 9985	Galaxy	DRA	13.1	12.7	0.9'	15 41.5	+59 45	51	Sc			H III 738
NGC 2913	UGC 5095	Galaxy	LEO	13.1	12.7	1.1'	09 34.0	+09 29	188	Sc			
NGC 6615	UGC 11196	Galaxy	OPH	13.1	12.7	0.9'	18 18.6	+13 16	204	SBO-a			
NGC 7485	UGC 12360	Galaxy	PEG	13.1	12.7	1.2'	23 06.1	+34 06	124	SO			
NGC 516	UGC 946	Galaxy	PSC	13.1	12.7	1.4'	01 24.1	+09 33	173	SBO-a			
NGC 7812	ESO 349-21	Galaxy	SCL	13.1	12.7	1.1'	00 02.9	-34 14	350	Sb			
NGC 6967	UGC 11630	Galaxy	AQR	13.1	12.6	0.9'	20 47.6	+00 25	254	Sa			
NGC 5857	UGC 9724	Galaxy	BOO	13.1	12.6	1.2'	15 07.5	+19 36	153	SBb			P w NGC 5859;many S galxys near;vsvBN in B lens
NGC 4603C	ESO 322-49	Galaxy	CEN	13.1	12.6	1.7'	12 40.7	-40 46	402	SO			
NGC 1476	ESO 249-24	Galaxy	HOR	13.1	12.6	1.4'	03 52.1	-44 32	391	Sa			
NGC 2914	UGC 5096	Galaxy	LEO	13.1	12.6	0.9'	09 34.0	+10 07	188	SBab			NGC 2911 group;2 main reg arms;poor resolution
NGC 2484	UGC 4125	Galaxy	LYN	13.1	12.6	0.9'	07 58.5	+37 47	101	SO			
NGC 7624	UGC 12527	Galaxy	PEG	13.1	12.6	1'	23 20.4	+27 19	169	SBc			S-shaped arms w high surface brightnes
NGC 4058	UGC 7036	Galaxy	VIR	13.1	12.6	1.2'	12 03.8	+03 33	238	Sa			
NGC 7077	UGC 11755	Galaxy	AQR	13.1	12.5	0.8'	21 30.0	+02 25	255	Elliptical			
NGC 5243	UGC 8592	Galaxy	CVN	13.1	12.5	1.5'	13 36.3	+38 21	109	Sbc			H III 620
NGC 2561	UGC 4336	Galaxy	HYA	13.1	12.5	1.1'	08 19.6	+04 39	231	SBc			brightest in group;short massive arms;thick bar
NGC 2475	PK 164+31.1	Galaxy	LYN	13.1	12.5	0.8'	07 58.0	+52 52	43	E1			double system w 2474;contact
NGC 5731	UGC 9460	Galaxy	BOO	13.1	12.4	1.6'	14 40.2	+42 47	77	Sbc			H III 658
NGC 5393	ESO 445-87	Galaxy	HYA	13.1	12.4	0.9'	14 00.5	-28 53	371	Sa			
NGC 2494	IC 487	Galaxy	MON	13.1	12.4	0.9'	07 59.1	-00 38	230	SBO-a			
NGC 7803	UGC 12906	Galaxy	PEG	13.1	12.4	1'	00 01.3	+13 07	170	Sa			Brightest in chain of 6
NGC 865	UGC 1747	Galaxy	TRI	13.1	12.4	1.5'	02 16.3	+28 36	92	S pec			
NGC 3991	UGC 6933	Galaxy	UMA	13.1	12.4	1.3'	11 57.5	+32 20	107	Ir Bar			NGC 3994 at 3.8'
NGC 714	UGC 1358	Galaxy	AND	13.1	12.3	1.5'	01 53.5	+36 13	92	Sa			
NGC 834	UGC 1672	Galaxy	AND	13.1	12.3	1.1'	02 11.0	+37 40	92	Sbc			H III 567
NGC 1029	UGC 2149	Galaxy	ARI	13.1	12.3	1.4'	02 39.6	+10 48	175	Sa			In NGC 1024 group
NGC 5126	ESO 444-28	Galaxy	CEN	13.1	12.3	1.4'	13 24.9	-30 20	370	Sa			
NGC 4275	UGC 7382	Galaxy	COM	13.1	12.3	0.8'	12 19.9	+27 37	148	Sb			H II 376
NGC 483	UGC 906	Galaxy	PSC	13.1	12.3	0.7'	01 21.9	+33 31	91	S			
NGC 6017	UGC 10098	Galaxy	SER	13.1	12.3	0.8'	15 57.3	+06 00	200	S			
NGC 2856	UGC 4997	Galaxy	UMA	13.1	12.3	1.1'	09 24.3	+49 15	71	Sbc			narrow tail leads away from nucleus;2854 group
IC 719	UGC 6633	Galaxy	VIR	13.1	12.2	1.3'	11 40.3	+09 01	192	SO			
IC 719	UGC 6633	Galaxy	VIR	13.1	12.2	1.3'	11 40.3	+09 01	192	SO			
NGC 4812	ESO 323-48	Galaxy	CEN	13.1	12.1	1.2'	12 56.9	-41 49	402	SO			
NGC 7786	UGC 12842	Galaxy	PEG	13.1	11.6	0.6'	23 55.4	+21 35	125	S			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 573	UGC 1078	Galaxy	AND	13.1	10.9	0.4'	01 30.8	+41 15	61	Pec			Peculiar
NGC 543	MCG 0-4-1	Galaxy	CET	13.1	10.9	0.6'	01 25.8	-01 18	218	E6			
PK 4-11.1	M3-29	Pln Neb	SGR	13.1	8.8	8.4"	18 39.5	-30 41	378	2		15.5	
NGC 6578	PK 10-1.1	Pln Neb	SGR	13.1	8.4	8.5"	18 16.3	-20 27	339	2a		15.7	
PK 7- 6.2	VY 2-1	Pln Neb	SGR	13.1	8.2	7"	18 28.0	-26 07	340	1			16.6
PK 2- 6.1	M2-33	Pln Neb	SGR	13.1	8	6.0"	18 15.1	-30 16	377	2			14.4
PK 7+ 1.1	Hubble 6	Pln Neb	SGR	13.1	7.7	6.6"	17 55.1	-21 45	339	2			14.7
NGC 169	UGC 365;A	Galaxy	AND	13.2	-	1.8'	00 36.9	+23 59	126	Sb			Contact P w IC 1559
AND I	PGC 2666	Galaxy	AND	13.2	-	4.0'	00 45.7	+38 03	90	E3			Andromeda Dwarf;Member Local Group
NGC 6305	ESO 138-19	Galaxy	ARA	13.2	-	1.8'	17 18.0	-59 10	433	E-S0 B			
NGC 5544	UGC 9142	Galaxy	BOO	13.2	-	0.9'	14 17.0	+36 34	110	SBO-a			H II 419;P w NGC 5545;disturbed;Arp 199
NGC 1570	NGC 1571	Galaxy	CAE	13.2	-	2'	04 22.1	-43 38	391	E			
NGC 2502	ESO 209- 8	Galaxy	CAR	13.2	-	2.1'	07 55.9	-52 18	424	SBO			
PK 101- 8.1	Abell 75	Pln Neb	CEP	13.2	-	67"	21 26.4	+62 53	33	3b		17.2	
NGC 6768	ESO 337-18	Galaxy	CRA	13.2	-	1.7'	19 16.5	-40 13	410	Elliptical			
NGC 6092		2 Stars	CRB	13.2	-		16 14.1	+28 08	113				
NGC 4381	UGC 4357	Galaxy	CVN	13.2	-	3.7'	12 24.0	+48 47	74	Sbc			H II 743
PK 93+ 2.1	M1-79	Pln Neb	CYG	13.2	-	38"	21 37.0	+48 56	86	4		14.4	
NGC 6660	NGC 6661	Galaxy	HER	13.2	-	1.8'	18 34.6	+22 55	160	Sa			
NGC 2947	IC 547	Galaxy	HYA	13.2	-	1.5'	09 36.1	-12 26	278	Sbc Ring			
NGC 3429	NGC 3428	Galaxy	LEO	13.2	-	1.5'	10 51.5	+09 17	190	SBb			
PK 215-30.1	Abell 7	Pln Neb	LEP	13.2	-	12.7'	05 03.2	-15 36	269	3a		15.6	
PK 10+18.2	M2- 9	Pln Neb	OPH	13.2	-	50"	17 05.7	-10 09	292	?(6)		15.6	Butterfly Nebula
NGC 1235	NGC 1233	Galaxy	PER	13.2	-	1.8'	03 12.6	+39 19	63	Sb			
NGC 238	ESO 194-31	Galaxy	PHE	13.2	-	2'	00 43.4	-50 11	417	SB Ring			
NGC 2104	ESO 205- 2	Galaxy	PIC	13.2	-	2'	05 47.1	-51 33	422	SBp			
UGC 1195	MCG -02-05	Galaxy	PSC	13.2	-	3'	01 42.4	+13 58	173	Irp+			distorted
NGC 5994	UGC 10033	Galaxy	SER	13.2	-	0.4'	15 46.9	+17 52	155	SBbc			Spiral distorted;P w NGC 5996
Pal 10		Glob CL	SGE	13.2	-	4.0'	19 18.0	+18 34	161	XII			
PK 6- 3.3	M2-31	Pln Neb	SGR	13.2	-	5"	18 13.3	-25 30	339	1			
PK 12- 9.1	M1-62	Pln Neb	SGR	13.2	-	3.7"	18 50.5	-22 35	340	2		17.4	
UGC 2302	PGC 10670	Galaxy	CET	13.2	16.6	4.8'	02 49.2	+02 08	220	(R)SB(rs			
UGC 5688	PGC 30983	Galaxy	UMA	13.2	15.3	3.6'	10 30.4	+70 04	24	S(B)+			Part of chain of faint gals w knots
NGC 7418A	ESO 406-27	Galaxy	GRU	13.2	15.1	3.5'	22 56.7	-36 46	384	Scd			
NGC 251	UGC 490	Galaxy	PSC	13.2	14.7	2.4'	00 47.9	+19 36	126	Sc			H III 204;amorph disc;UGC 490
UGC 7020	Mrk 195	Galaxy	UMA	13.2	14.6	2.1'	12 02.6	+41 03	25	SA			
UGC 11557	MCG +10-29	Galaxy	CEP	13.2	14.5	2.1'	20 24.0	+60 12	55	S(B)dm			
UGC 11141	PGC 61534	Galaxy	OPH	13.2	14.4	2.8'	18 11.8	+12 05	204	Sdm			
NGC 6160	UGC 10400	Galaxy	HER	13.2	14.3	1.8'	16 27.7	+40 56	80	E2			H II 652
UGC 6162	MCG +09-18	Galaxy	UMA	13.2	14.3	2.5'	11 06.8	+51 12	46	Sc			Mislabeled on U2000 as UGC 6163
UGC 12588	MCG +07-48	Galaxy	AND	13.2	14.2	1.9'	23 24.7	+41 20	88	Sdm			
NGC 7685	UGC 12638	Galaxy	PSC	13.2	14.1	1.9'	23 30.6	+03 54	259	SBc			H III 426
NGC 6094	UGC 10228	Galaxy	UMI	13.2	14.1	1.8'	16 06.6	+72 30	11	SO			H III 314
NGC 3347B	ESO 376-10	Galaxy	ANT	13.2	14	3.2'	10 42.0	-36 56	366	SBcd			
NGC 4499	ESO 322-22	Galaxy	CEN	13.2	14	1.8'	12 32.1	-39 59	402	SBbc			
NGC 5000	UGC 8241	Galaxy	COM	13.2	14	1.7'	13 09.8	+28 54	109	SBbc			M 51 case?;vF cond at tip of spir arm at 0.9;165;or **?
NGC 326	UGC 601.4	Galaxy	PSC	13.2	14	1.5'	00 58.4	+26 52	127	E4p			
NGC 5569	UGC 9176	Galaxy	VIR	13.2	14	1.7'	14 20.5	+03 59	242	SBc			vsN in B sh bar;F poor;res. arms. Near 5566
NGC 5117	UGC 8411	Galaxy	CVN	13.2	13.9	2.2'	13 22.9	+28 19	109	SBc			
NGC 2308	UGC 3618	Galaxy	LYN	13.2	13.9	1.8'	06 58.6	+45 13	68	Sab			
NGC 75	UGC 182	Galaxy	PSC	13.2	13.9	1.5'	00 19.4	+06 27	171	SO			
UGC 5708	PGC 31037	Galaxy	SEX	13.2	13.9	3.4'	10 31.2	+04 29	235	S(B)d			
NGC 3435	UGC 6025	Galaxy	UMA	13.2	13.9	1.8'	10 54.8	+61 17	24	Sb			H II 887;B main body;F disc;alm dissolved arms
NGC 140	UGC 311	Galaxy	AND	13.2	13.8	1.5'	00 31.3	+30 47	90	SBc Ring			
NGC 280	UGC 534	Galaxy	AND	13.2	13.8	1.7'	00 52.5	+24 21	127	SB Ring			H III 477;distorted;asym ecc nucl region;UGC 534
NGC 4905	ESO 443-31	Galaxy	CEN	13.2	13.8	1.4'	13 01.5	-30 52	370	SBO-a			
UGC 10806	PGC 60052	Galaxy	HER	13.2	13.8	2.5'	17 18.9	+49 52	81	SB(s)dm			
NGC 7224	UGC 11940	Galaxy	PEG	13.2	13.8	1.6'	22 11.6	+25 52	167	Elliptical			
NGC 7463	UGC 12316	Galaxy	PEG	13.2	13.8	3'	23 01.9	+15 59	213	SBb/P			H III 210;Distorted;NGC 7448 group;UGC 12316
NGC 6007	UGC 10079	Galaxy	SER	13.2	13.8	1.7'	15 53.4	+11 58	200	Sc Ring			P w NGC 6006 at 6'
NGC 5943	UGC 9870	Galaxy	BOO	13.2	13.7	1.3'	15 29.7	+42 47	78	SO			
NGC 825	UGC 1636	Galaxy	CET	13.2	13.7	2.2'	02 08.5	+06 19	174	Sa			
NGC 7824	UGC 34	Galaxy	PSC	13.2	13.7	1.6'	00 05.1	+06 55	170	Sab			
UGC 9977	PGC 55821	Galaxy	SER	13.2	13.7	3.9'	15 42.0	+00 42	244	Sc			
UGC 5249	PGC 28148	Galaxy	SEX	13.2	13.7	2.4'	09 47.8	+02 37	233	SBc			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 3470	UGC 6060	Galaxy	UMA	13.2	13.7	1.5'	10 58.7	+59 31	46	Sab Ring			H II 888;n of 2;UGC 6060
NGC 719	IC 1744	Galaxy	ARI	13.2	13.6	1.4'	01 53.6	+19 50	129	SO			
NGC 5622	UGC 9248	Galaxy	BOO	13.2	13.6	1.7'	14 26.2	+48 34	77	Sb			H III 677
NGC 4603D	ESO 322-55	Galaxy	CEN	13.2	13.6	1.5'	12 42.1	-40 49	402	SBcd			
NGC 5090B	ESO 269-88	Galaxy	CEN	13.2	13.6	1.9'	13 20.3	-43 52	403	SBb			
NGC 4617	UGC 7847	Galaxy	CVN	13.2	13.6	2.9'	12 41.1	+50 24	48	Sb			H II 744
NGC 4719	UGC 7987	Galaxy	CVN	13.2	13.6	1.4'	12 50.1	+33 10	108	SBb			H III 424
NGC 4986	UGC 8221	Galaxy	CVN	13.2	13.6	1.7'	13 08.4	+35 12	109	SBb			H III 401
NGC 5282	UGC 8687	Galaxy	CVN	13.2	13.6	1.4'	13 43.4	+30 04	110	Ellip Ring			B core;dif asym env ext eastw
NGC 1716	ESO 552-34	Galaxy	LEP	13.2	13.6	1.4'	04 58.2	-20 22	314	SBbc			
NGC 7677	UGC 12610	Galaxy	PEG	13.2	13.6	1.6'	23 28.1	+23 32	169	SBbc			
NGC 7603	UGC 12493	Galaxy	PSC	13.2	13.6	1.6'	23 18.9	+00 15	259	SB/P			Seyfert;np of 2;bridge
NGC 3318B	ESO 317-53	Galaxy	VEL	13.2	13.6	1.5'	10 37.6	-41 28	399	SBc			
NGC 5207	UGC 8518	Galaxy	VIR	13.2	13.6	1.7'	13 32.2	+13 53	195	Sb			H III 643
NGC 13	UGC 77	Galaxy	AND	13.2	13.5	2.3'	00 08.8	+33 26	89	Sab			H III 866;UGC 77
NGC 946	UGC 1979	Galaxy	AND	13.2	13.5	1.5'	02 30.6	+42 14	62	SO			Compact
NGC 1036	IC 1828	Galaxy	ARI	13.2	13.5	1.5'	02 40.5	+19 18	130	Pec			H III 475;asymmetric;B prob complex center region
NGC 5918	UGC 9817	Galaxy	BOO	13.2	13.5	1.9'	15 19.4	+45 53	78	Sc			3 patches in disc may be superimp **
NGC 216	ESO 540-15	Galaxy	CET	13.2	13.5	2'	00 41.5	-21 03	306	SO			H III 244
UGC 4559	PGC 24530	Galaxy	CNC	13.2	13.5	3'	08 44.2	+30 07	102	Sb+			
NGC 4156	UGC 7173	Galaxy	CVN	13.2	13.5	1.3'	12 10.8	+39 28	74	SBb			H II 642;P w NGC 4151 @ 5.2';Ho 345c @ 7'
NGC 6798	IC 1300	Galaxy	CYG	13.2	13.5	1.6'	19 24.1	+53 37	54	SO			
NGC 1586	UGC 3062	Galaxy	ERI	13.2	13.5	1.7'	04 30.6	-00 18	223	Sbc			ssp of 2;comp 1.2';PA20;spiral
NGC 3418	UGC 5963	Galaxy	LMI	13.2	13.5	1.1'	10 51.4	+28 07	105	SBO-a			H II 363
NGC 1294	UGC 2694	Galaxy	PER	13.2	13.5	1.5'	03 21.7	+41 22	63	SO			H III 575:ssf of 2
NGC 7289	ESO 405-23	Galaxy	PSA	13.2	13.5	1.3'	22 29.3	-35 28	384	SO			
NGC 6806	ESO 338-15	Galaxy	SGR	13.2	13.5	1.6'	19 37.1	-42 18	411	SBc			
NGC 6878A	ESO 284-29	Galaxy	SGR	13.2	13.5	1.8'	20 13.6	-44 49	411	SBb			
NGC 3205	UGC 5585	Galaxy	UMA	13.2	13.5	1.4'	10 20.8	+42 58	72	Pec			H II 721;peculiar;NGC 3202 group
NGC 4172	UGC 7205	Galaxy	UMA	13.2	13.5	1.3'	12 12.2	+56 11	47	S pec			H II 792
NGC 71	UGC 173;V	Galaxy	AND	13.2	13.4	1.5'	00 18.4	+30 04	89	S0 Pec			In compact group
NGC 3258D	ESO 375-58	Galaxy	ANT	13.2	13.4	1.6'	10 31.9	-35 25	366	SBb			
NGC 5610	UGC 9230	Galaxy	BOO	13.2	13.4	2'	14 24.4	+24 37	152	SBab			H III 136
NGC 768	UGC 1457	Galaxy	CET	13.2	13.4	1.7'	01 58.7	+00 32	219	Sbc			sp of 2;disturbed
NGC 3651	UGC 6388	Galaxy	LEO	13.2	13.4	1.1'	11 22.4	+24 18	146	Elliptical			brightest in group;comp 0.4'X0.2' superimp s center
NGC 7570	UGC 12473	Galaxy	PEG	13.2	13.4	1.6'	23 16.7	+13 29	214	SBa			H III 238;UGC 12473
NGC 7503	MCG 1-59-	Galaxy	PSC	13.2	13.4	0.8'	23 10.7	+07 34	213	Elliptical			
NGC 3157	IC 2555	Galaxy	ANT	13.2	13.3	2.5'	10 11.7	-31 39	365	SBc			
NGC 7188	ESO 601-11	Galaxy	AQR	13.2	13.3	1.6'	22 03.5	-20 19	346	SBbc			
NGC 856	NGC 859	Galaxy	CET	13.2	13.3	1.3'	02 13.6	-00 43	219	Sa			
NGC 2557	UGC 4330	Galaxy	CNC	13.2	13.3	1.2'	08 19.2	+21 26	141	SBO			IC 2293 at 5.5;117 (m=15.2)
NGC 4514	UGC 7693	Galaxy	COM	13.2	13.3	1.2'	12 32.7	+29 43	108	Sbc			H III 302
NGC 5052	UGC 8330	Galaxy	COM	13.2	13.3	1.3'	13 15.6	+29 41	109	SBO-a F			
NGC 5413	UGC 8901	Galaxy	DRA	13.2	13.3	1.1'	13 57.9	+64 55	27	Elliptical			
NGC 1228	ESO 480-32	Galaxy	ERI	13.2	13.3	1.6'	03 08.2	-22 55	311	SBO-a			
NGC 3641	UGC 6370	Galaxy	LEO	13.2	13.3	0.8'	11 21.1	+03 12	236	Elliptical			
NGC 1661	UGC 3166	Galaxy	ORI	13.2	13.3	1.4'	04 47.1	-02 03	224	Sbc			
NGC 7537	UGC 12442	Galaxy	PSC	13.2	13.3	2.1'	23 14.6	+04 30	259	Sbc			H II 429;UGC 12442
NGC 5913	UGC 9818	Galaxy	SER	13.2	13.3	1.6'	15 20.9	-02 35	244	SB Ring			broad complex bar;smooth disc outside;no spir arms
NGC 582	UGC 1094	Galaxy	TRI	13.2	13.3	2.2'	01 32.0	+33 29	91	SBb			
NGC 5256	UGC 8632	Galaxy	UMA	13.2	13.3	1.2'	13 38.3	+48 17	76	Sab			post-eruptive pair of compacts;w ext plumes;jets;halo
NGC 4641	UGC 7889	Galaxy	VIR	13.2	13.3	1.2'	12 43.1	+12 03	194	SO			
NGC 6977	MCG - 1-53-	Galaxy	AQR	13.2	13.2	1.3'	20 52.5	-05 45	299	SBb			
NGC 5751	UGC 9498	Galaxy	BOO	13.2	13.2	1.5'	14 43.8	+53 24	50	Sc			H II 809
NGC 4672	ESO 322-73	Galaxy	CEN	13.2	13.2	2.2'	12 46.3	-41 42	402	Sa			
NGC 177	ESO 474- 6	Galaxy	CET	13.2	13.2	2.2'	00 37.6	-22 33	306	Sab Ring			
NGC 586	MCG - 1- 5-	Galaxy	CET	13.2	13.2	1.7'	01 31.6	-06 54	263	Sa			
UGC 439	MCG +00-02	Galaxy	CET	13.2	13.2	1.1'	00 41.4	-01 43	216	Sa			
NGC 4895	UGC 8113	Galaxy	COM	13.2	13.2	1.8'	13 00.3	+28 12	109	SO			
NGC 1422	ESO 548-77	Galaxy	ERI	13.2	13.2	2.3'	03 41.5	-21 41	312	SBab			
NGC 3331	ESO 501-72	Galaxy	HYA	13.2	13.2	1.2'	10 40.2	-23 49	325	SBc			
NGC 2893	UGC 5060	Galaxy	LEO	13.2	13.2	1.1'	09 30.3	+29 32	103	SBO-a F			H III 297;brightest in group
NGC 3400	UGC 5949	Galaxy	LMI	13.2	13.2	1.1'	10 50.8	+28 28	105	SBa			H II 361
NGC 7674	UGC 12608	Galaxy	PEG	13.2	13.2	1.1'	23 27.9	+08 47	214	SBbc			
NGC 1233	NGC 1235	Galaxy	PER	13.2	13.2	1.8'	03 12.6	+39 19	63	Sb			B center region;e dif outside

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1273	MCG 7-7-	Galaxy	PER	13.2	13.2	0.9'	03 19.4	+41 32	63	SO			
NGC 7706	UGC 12686	Galaxy	PSC	13.2	13.2	1.2'	23 35.2	+04 58	259	SO			
NGC 1030	UGC 2153	Galaxy	ARI	13.2	13.1	1.6'	02 39.8	+18 01	130	Sbc			H III 581;wedge-shaped;possible edge-on spiral
NGC 5649	NGC 5648	Galaxy	BOO	13.2	13.1	1.1'	14 30.5	+14 01	197	Sbc			H III 645
NGC 1544	UGC 3160	Galaxy	CEP	13.2	13.1	1.3'	05 02.6	+86 13	1	S pec			
NGC 223	IC 44	Galaxy	CET	13.2	13.1	1.3'	00 42.3	+00 51	216	SOa/Pec			Peculiar
NGC 351	UGC 639	Galaxy	CET	13.2	13.1	1.5'	01 02.0	-01 56	217	SBO-a			
NGC 4092	UGC 7087	Galaxy	COM	13.2	13.1	1'	12 05.8	+20 29	148	Sab			NGC 4093 @ 2.6'
NGC 4798	NGC 4797	Galaxy	COM	13.2	13.1	1'	12 54.9	+27 25	149	E-SO Ri			H II 382
NGC 4819	UGC 8060	Galaxy	COM	13.2	13.1	0.9'	12 56.5	+26 59	149	SBa			H II 346;P w NGC 4821 @ 1.8'
NGC 5283	UGC 8672	Galaxy	DRA	13.2	13.1	1.1'	13 41.1	+67 40	26	SO			Seyfert
NGC 2291	ZWG 175. 20	Galaxy	GEM	13.2	13.1	1'	06 51.0	+33 32	99	SO			H III 897?;compact IC 2173
NGC 3240	ESO 568- 3	Galaxy	HYA	13.2	13.1	1.1'	10 24.5	-21 48	325	Sc			
NGC 3713	UGC 6511	Galaxy	LEO	13.2	13.1	1.2'	11 31.7	+28 09	106	E-SO			H II 367
NGC 7643	UGC 12563	Galaxy	PEG	13.2	13.1	1.4'	23 22.8	+11 59	214	S pec			brightest of 3
NGC 525	UGC 972	Galaxy	PSC	13.2	13.1	1.5'	01 24.9	+09 42	173	SO			
NGC 131	ESO 350-21	Galaxy	SCL	13.2	13.1	1.8'	00 29.6	-33 16	351	SBb			
NGC 2742A	UGC 4803	Galaxy	UMA	13.2	13.1	1.6'	09 10.0	+62 15	23	SBb/P			
NGC 3202	UGC 5581	Galaxy	UMA	13.2	13.1	1.2'	10 20.5	+43 01	72	SBa			tri grp w NGC3205@ 4.4';PA132;NGC3207;PA112
NGC 3207	UGC 5587	Galaxy	UMA	13.2	13.1	1.3'	10 21.0	+42 59	72	Pec			H II 722;peculiar;NGC 3202 group
NGC 3440	UGC 6009	Galaxy	UMA	13.2	13.1	2.1'	10 53.8	+57 07	46	SBb			H III 914;NGC 3445 group
NGC 3262	ESO 263-42	Galaxy	VEL	13.2	13.1	1.2'	10 29.1	-44 10	399	SBO			
IC 4051	UGC 8129	Galaxy	COM	13.2	13	1'	13 00.9	+28 00	109	E0			Member of Coma group of galaxies
NGC 4229	UGC 7299	Galaxy	CVN	13.2	13	1.1'	12 16.6	+33 34	107	Sa			H II 519;P w NGC 4227
NGC 2290	UGC 3562	Galaxy	GEM	13.2	13	1.2'	06 50.9	+33 26	99	Sa			H III 897?;NGC 2289-2290 group
NGC 6350	UGC 10800	Galaxy	HER	13.2	13	1'	17 18.7	+41 42	81	SO			P w NGC 6348 at 5' sp
NGC 3491	UGC 6088	Galaxy	LEO	13.2	13	0.9'	11 00.6	+12 10	191	E-SO			H III 21
NGC 5793	MCG - 3-38-	Galaxy	LIB	13.2	13	1.7'	14 59.4	-16 42	288	Sb			
NGC 5810	ESO 581-18	Galaxy	LIB	13.2	13	1.2'	15 02.7	-17 52	333	SBb			
NGC 2444	UGC 4016	Galaxy	LYN	13.2	13	1.2'	07 46.9	+39 02	69	SO			double;elong. w distorted envelope;knotty plume
NGC 4341	IC 3260	Galaxy	VIR	13.2	13	1.7'	12 23.9	+07 06	193	SBO			based on UGC and Zwicky;H III 95
NGC 4687	UGC 7958	Galaxy	CVN	13.2	12.9	0.7'	12 47.4	+35 21	108	Elliptical			
NGC 5107	UGC 8396	Galaxy	CVN	13.2	12.9	1.7'	13 21.4	+38 32	109	SBcd			H III 619;P w NGC 5112 at 13'
NGC 6315	MCG 4-40-	Galaxy	HER	13.2	12.9	1'	17 12.8	+23 13	157	SBc			
NGC 2723	UGC 4723	Galaxy	HYA	13.2	12.9	0.9'	09 00.2	+03 11	232	SO			
NGC 5051	ESO 444- 1	Galaxy	HYA	13.2	12.9	1.4'	13 16.3	-28 17	370	SBbc			
NGC 3867	UGC 6731	Galaxy	LEO	13.2	12.9	1.5'	11 45.5	+19 24	147	S Ring			
UGC 6029	Mrk 157	Galaxy	UMA	13.2	12.9	0.9'	10 55.0	+49 44	73	Pec			UGC 6013 group
NGC 5505	UGC 9092	Galaxy	BOO	13.2	12.8	1'	14 12.5	+13 18	197	SBa			
NGC 5190	UGC 8500	Galaxy	COM	13.2	12.8	1'	13 30.6	+18 08	150	SBb			
NGC 2758	ESO 564-20	Galaxy	HYA	13.2	12.8	1.9'	09 05.5	-19 03	322	Sc			
NGC 2958	UGC 5160	Galaxy	LEO	13.2	12.8	1'	09 40.7	+11 53	188	SBbc			
NGC 3526	NGC 3531	Galaxy	LEO	13.2	12.8	1.9'	11 06.9	+07 10	191	Sc			
NGC 1678	MCG 0-13-	Galaxy	ORI	13.2	12.8	1.1'	04 51.6	-02 37	224	SO			H III 502
NGC 105	UGC 241	Galaxy	PSC	13.2	12.8	1.1'	00 25.3	+12 53	171	Sab			s of 2;compact
NGC 440	ESO 113-25	Galaxy	TUC	13.2	12.8	1.2'	01 12.8	-58 17	417	Sbc			
NGC 3333	ESO 376- 2	Galaxy	ANT	13.2	12.7	2.1'	10 39.8	-36 02	366	SBbc			
NGC 671	UGC 1247	Galaxy	ARI	13.2	12.7	1.5'	01 47.0	+13 07	173	S pec			
NGC 4963	UGC 8190	Galaxy	CVN	13.2	12.7	0.8'	13 05.9	+41 43	75	S			H II 663
NGC 2289	UGC 3560	Galaxy	GEM	13.2	12.7	1.1'	06 50.9	+33 29	99	SO			H III 898;compact;birghtest in NGC 2289-2290 group
NGC 314	ESO 411-32	Galaxy	SCL	13.2	12.7	0.9'	00 56.9	-31 58	351	SBO-a F			
NGC 4175	UGC 7211	Galaxy	COM	13.2	12.6	1.8'	12 12.5	+29 10	107	Sbc			H III 360;NGC 4169 group
NGC 5341	UGC 8792	Galaxy	CVN	13.2	12.6	1.3'	13 52.5	+37 49	110	SBd			
NGC 6954	UGC 11618	Galaxy	DEL	13.2	12.6	1'	20 44.1	+03 13	254	Sa			
NGC 2341	UGC 3708	Galaxy	GEM	13.2	12.6	0.8'	07 09.2	+20 36	138	Sc			peculiar
NGC 2505	UGC 4193	Galaxy	LYN	13.2	12.6	1.2'	08 04.1	+53 33	43	SBa			H III 839
NGC 2852	UGC 4986	Galaxy	LYN	13.2	12.6	1.4'	09 23.2	+40 10	71	SBa			H III 629;compact;NGC 2844 group
NGC 5034	UGC 8295	Galaxy	UMI	13.2	12.6	0.9'	13 12.3	+70 39	26	Sc			H III 909
NGC 3914	UGC 6809	Galaxy	VIR	13.2	12.6	1.1'	11 50.5	+06 34	192	SBb			H III 90
NGC 6104	UGC 10309	Galaxy	CRB	13.2	12.5	0.8'	16 16.5	+35 42	113	Sba Ring			H III 688;Peculiar ring shape;p of 2;UGC 10309
NGC 3427	UGC 5966	Galaxy	LEO	13.2	12.5	1.1'	10 51.4	+08 18	190	Sa			
NGC 778	UGC 1480	Galaxy	TRI	13.2	12.5	1.1'	02 00.3	+31 19	92	SO			P w NGC 777
NGC 4964	UGC 8184	Galaxy	UMA	13.2	12.5	1.1'	13 05.4	+56 19	48	SO			H III 779
NGC 512	UGC 944	Galaxy	AND	13.2	12.4	1.6'	01 24.0	+33 54	91	Sab			
NGC 3258A	ESO 375-32	Galaxy	ANT	13.2	12.4	1.1'	10 28.3	-35 27	366	SBO-a			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 3354	ESO 376-14	Galaxy	ANT	13.2	12.4	0.8'	10 43.0	-36 22	366	S pec			
NGC 7301	ESO 602-23	Galaxy	AQR	13.2	12.4	1'	22 30.6	-17 34	347	SBab			
NGC 5365B	ESO 271- 9	Galaxy	CEN	13.2	12.4	1.6'	13 58.7	-43 58	403	Sab			
NGC 3622	UGC 6339	Galaxy	UMA	13.2	12.4	1.2'	11 20.2	+67 14	24	S pec			H II 879
NGC 3935	UGC 6843	Galaxy	UMA	13.2	12.4	1.1'	11 52.4	+32 24	107	Sb			
NGC 4078	NGC 4107	Galaxy	VIR	13.2	12.4	1.3'	12 04.8	+10 36	193	SO			NGC 4082 @ 6.6';NGC 4082 @ 7.4';IC 2991 @ 6.7'
NGC 382	UGC 688:A	Galaxy	PSC	13.2	12.3	0.9'	01 07.4	+32 24	91	E0			
NGC 4669	UGC 7925	Galaxy	UMA	13.2	12.3	1.5'	12 44.8	+54 53	48	Sb			NGC 4686 group
NGC 608	NGC 618	Galaxy	TRI	13.2	12.2	0.8'	01 35.5	+33 39	91	Sab			
NGC 5386	UGC 8890	Galaxy	VIR	13.2	12.1	1'	13 58.4	+06 20	196	Sa			H III 547;P w NGC 5382
UGC 6711	PGC 36542	Galaxy	DRA	13.2	11.9	0.7'	11 44.5	+69 44	25	Pec			
NGC 4149	NGC 4154	Galaxy	UMA	13.2	11.9	1.3'	12 10.5	+58 18	47	S pec			H II 802
NGC 1044	MCG 1- 7-	Galaxy	CET	13.2	11.8	0.5'	02 41.1	+08 44	175	SOp			H III 228;dbl system
NGC 817	UGC 1611	Galaxy	ARI	13.2	11.5	0.7'	02 07.6	+17 12	129	Pec			very high surface br
NGC 5372	UGC 8843	Galaxy	UMA	13.2	11.5	0.6'	13 54.8	+58 40	49	Pec			H III 809;Peculiar
PK 319+ 6.1	He2-112	Pln Neb	LUP	13.2	10.2	15.0"	14 40.5	-52 35	431			18.1	
PK 351+ 4.1	M1-19	Pln Neb	SCO	13.2	9.8	10"	17 03.8	-33 30	376	1		16.9	Stellar
NGC 6785	PK 34-6.1	Pln Neb	AQL	13.3	-	25"	19 18.4	-01 36	251	3(3)			
PK 26-11.1	Nassau 2	Pln Neb	AQL	13.3	-	16.0"	19 18.7	-11 06	296			14	
PK 336- 5.1	He2-186	Pln Neb	ARA	13.3	-	3"	16 59.6	-51 42	433			16.6	
NGC 5532A	NGC 5532	Galaxy	BOO	13.3	-	1.6'	14 16.9	+10 48	197	SO			P w NGC 5531 at 5.2';S0 w S comp superimp ssf center
NGC 3882	ESO 170-11	Galaxy	CEN	13.3	-	2.3'	11 46.1	-56 23	428	SBbc			
NGC 5219	NGC 5244	Galaxy	CEN	13.3	-	1.7'	13 38.7	-45 51	403	Sb			2m30s;3' Error in NGC position
NGC 187	MCG - 3- 2-	Galaxy	CET	13.3	-	1.3'	00 39.5	-14 39	261	Sc			
NGC 259	MCG - 1- 3-	Galaxy	CET	13.3	-	2.9'	00 48.1	-02 47	217	Sbc			H II 703=H II 621
NGC 4028	NGC 4014	Galaxy	COM	13.3	-	2.2'	11 58.6	+16 11	192	Sa			H III 3
NGC 6191	NGC 6189	Galaxy	DRA	13.3	-	1.9'	16 31.7	+59 38	52	SBc			
NGC 745	ESO 152-32	Galaxy	ERI	13.3	-	1.3'	01 54.1	-56 42	418	Sa			
NGC 724	NGC 723	Galaxy	FOR	13.3	-	1.5'	01 53.8	-23 45	309	Sbc			
NGC 4994	NGC 4993	Galaxy	HYA	13.3	-	1.3'	13 09.8	-23 23	330	E-S0 B			near 4889
NGC 3988	MCG 5-28-	Galaxy	LEO	13.3	-	0.9'	11 57.4	+27 53	147	Elliptical			
NGC 2273A	UGC 3504	Galaxy	LYN	13.3	-	2.7'	06 40.1	+60 05	42	Sc			
PK 64+15.1	M1-64	Pln Neb	LYR	13.3	-	24.0"	18 50.0	+35 15	117	4			13"-F; S; IE; cent* seen occasionally at 220X
PK 7+ 7.1	M1-22	Pln Neb	OPH	13.3	-	9.3"	17 35.2	-18 34	338	4		21	
NGC 7832	IC 5386	Galaxy	PSC	13.3	-	1.9'	00 06.5	-03 43	215	Elliptical			H III 190;IC 5386
NGC 5953	UGC 9903	Galaxy	SER	13.3	-	2'	15 34.5	+15 12	199	Sa			H II 178;P w NGC 5954 at 8';distorted contact pair
PK 2- 4.2	M1-42	Pln Neb	SGR	13.3	-	9"	18 11.1	-28 59	377	4		17.4	
NGC 4973	IC 847	Galaxy	UMA	13.3	-	0.5'	13 05.5	+53 41	48	Elliptical			H III 781
PK 275- 2.2	He2- 29	Pln Neb	VEL	13.3	-	14.0"	09 24.8	-54 36	425				
NGC 4496B	NGC 4505	Galaxy	VIR	13.3	-	0.6'	12 31.7	+03 56	238	Ir			H II 36
Wild's triplet		Galaxy	VIR	13.3	-	3'	11 46.6	-03 52	237				A 13.4 m; B 12.9 m and C 13.5 m, wild's triplet
UGC 6955	PGC 37689	Galaxy	UMA	13.3	15.9	5.3'	11 58.4	+38 04	107	Ir+			
UGC 7608	PGC 41063	Galaxy	CVN	13.3	15.8	3.5'	12 28.7	+43 13	75	Ir+			
UGC 12732	PGC 72087	Galaxy	PEG	13.3	15.5	3'	23 40.6	+26 14	169	Sm			
NGC 1326B	ESO 357-29	Galaxy	FOR	13.3	14.6	3.6'	03 25.3	-36 23	355	SBd			
NGC 100	UGC 231	Galaxy	PSC	13.3	14.6	5.7'	00 24.0	+16 29	171	Sc			
IC 758	UGC 7056	Galaxy	UMA	13.3	14.6	1.9'	12 04.2	+62 30	25	SBc			
UGC 7239	PGC 39067	Galaxy	VIR	13.3	14.6	2.2'	12 14.2	+07 46	193	Ir+			
UGC 12843	MCG +03-60	Galaxy	PEG	13.3	14.5	3'	23 55.6	+17 56	125	S(B)dm			* superimposed 0.4' north foll center
UGC 9837	MCG +10-22	Galaxy	DRA	13.3	14.4	2'	15 23.8	+58 03	50	S(B)c			
NGC 1326A	ESO 357-28	Galaxy	FOR	13.3	14.4	1.9'	03 25.1	-36 22	355	SBp			
NGC 7437	UGC 12270	Galaxy	PEG	13.3	14.4	1.8'	22 58.2	+14 18	213	Scd			
UGC 10290	PGC 57590	Galaxy	SER	13.3	14.4	1.8'	16 14.5	+00 49	245	Sm			
NGC 4040	UGC 7013	Galaxy	COM	13.3	14.3	1.9'	12 02.1	+17 49	148	Elliptical			
NGC 7174	ESO 466-40	Galaxy	PSA	13.3	14.3	2.6'	22 02.1	-32 00	383	Sab			
NGC 631	UGC 1153	Galaxy	PSC	13.3	14.3	1.7'	01 36.8	+05 50	173	Elliptical			
NGC 1066	UGC 2203	Galaxy	TRI	13.3	14.3	1.7'	02 43.8	+32 29	93	Elliptical			H III 163;Compact;UGC 2201 @ 2.2';NGC 1067 @ 1.8'
NGC 3846A	UGC 6706	Galaxy	UMA	13.3	14.3	1.9'	11 44.2	+55 02	47	Ir Bar			
NGC 5452	UGC 8867	Galaxy	UMI	13.3	14.3	2'	13 54.4	+78 13	10	SBcd			H III 947
NGC 4190	UGC 7232	Galaxy	CVN	13.3	14.2	1.7'	12 13.7	+36 38	107	Ir			H II 409
UGC 11074	PGC 61214	Galaxy	OPH	13.3	14.2	2.3'	17 59.1	+07 09	204	Sd			
NGC 4142	UGC 7140	Galaxy	UMA	13.3	14.2	2.2'	12 09.5	+53 06	47	SBcd			H III 814
NGC 7500	UGC 12399	Galaxy	PEG	13.3	14.1	2.1'	23 10.5	+11 01	213	SO			
NGC 213	UGC 436	Galaxy	PSC	13.3	14.1	1.7'	00 41.2	+16 28	171	SBa			H III 200;UGC 436
NGC 3850	UGC 6733	Galaxy	UMA	13.3	14.1	2.1'	11 45.6	+55 53	47	SBc			H III 776

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4977	UGC 8196	Galaxy	UMA	13.3	14.1	1.5'	13 06.1	+55 39	48	Sb			H III 780
IC 10	UGC 192	Galaxy	CAS	13.3	14	6.4'	00 20.4	+59 18	35	Ir+			Mem. of Local Group;very obscured;several H II regions
NGC 6831	UGC 11483	Galaxy	DRA	13.3	14	1.5'	19 48.0	+59 54	55	SO			Brightest in group of 4
NGC 3163	UGC 5517	Galaxy	LMI	13.3	14	1'	10 14.1	+38 39	104	SO			H II 640;NGC 3158 group;UGC 5517
NGC 7578A	NGC 7578-1	Galaxy	PEG	13.3	14	1.5'	23 17.2	+18 42	169	SO			H III 182;double system
NGC 5486	UGC 9036	Galaxy	UMA	13.3	14	1.5'	14 07.4	+55 06	49	Sm			H II 801;P w NGC 5485 at 6'
UGC 6112	PGC 33333	Galaxy	LEO	13.3	13.9	2.3'	11 02.5	+16 44	191	Sd			P w UGC 6104
NGC 5671	UGC 9297	Galaxy	UMI	13.3	13.9	1.7'	14 27.7	+69 42	27	SBb			H III 882;2 unequal arms;bent in opposite directions?
NGC 5409	UGC 8938	Galaxy	BOO	13.3	13.8	1.7'	14 01.8	+09 29	196	SBb			
UGC 4013	Mkn 10	Galaxy	CAM	13.3	13.8	2'	07 47.5	+60 56	43	Sb			Seyfert;vF companion on east side
NGC 824	ESO 354-37	Galaxy	FOR	13.3	13.8	1.4'	02 06.9	-36 27	353	SBbc Rii			
NGC 2650	UGC 4603	Galaxy	UMA	13.3	13.8	1.6'	08 50.0	+70 18	22	SBb			H II 908
NGC 2675	UGC 4629	Galaxy	UMA	13.3	13.8	1.5'	08 52.1	+53 37	44	Elliptical			
NGC 5360	UGC 8838	Galaxy	VIR	13.3	13.8	1.6'	13 55.6	+04 59	241	SBO-a			P w NGC 5364 at 8'
NGC 926	UGC 1901	Galaxy	CET	13.3	13.7	1.8'	02 26.1	-00 20	220	SBbc			
NGC 2357	UGC 3782	Galaxy	GEM	13.3	13.7	3.6'	07 17.7	+23 21	139	Sc			smaller companion
NGC 7206	UGC 11904	Galaxy	PEG	13.3	13.7	1.3'	22 05.7	+16 47	211	SO			Compact;Brightest of 3
NGC 3540	NGC 3548	Galaxy	UMA	13.3	13.7	1.4'	11 09.3	+36 01	106	SBO			
NGC 4326	UGC 7454	Galaxy	VIR	13.3	13.7	1.4'	12 23.2	+06 04	193	SBab			H II 141;NGC 4339 group;NGC 4339 @ 5.7'
NGC 7198	MCG 0-56-	Galaxy	AQR	13.3	13.6	1.5'	22 05.2	-00 39	256	SO			
NGC 5685	UGC 9403	Galaxy	BOO	13.3	13.6	1.2'	14 36.3	+29 54	111	Elliptical			
NGC 359	UGC 662	Galaxy	CET	13.3	13.6	1.5'	01 04.3	-00 46	217	E-SO			
NGC 4222	IC 3087	Galaxy	COM	13.3	13.6	3.1'	12 16.4	+13 18	193	Scd			H II 109
NGC 4148	UGC 7158	Galaxy	CVN	13.3	13.6	1.5'	12 10.1	+35 53	107	Sa			
NGC 6286	UGC 10647	Galaxy	DRA	13.3	13.6	1.3'	16 58.5	+58 56	52	SB/P			P w NGC 6285
NGC 2486	UGC 4123	Galaxy	GEM	13.3	13.6	1.7'	07 57.9	+25 10	140	Sa			P w NGC 2487
NGC 2445	UGC 4017	Galaxy	LYN	13.3	13.6	1.4'	07 46.9	+39 01	69	Ring			double system;see NGC 2444
NGC 2853	UGC 4987	Galaxy	LYN	13.3	13.6	1.8'	09 23.3	+40 12	71	SBO-a			H III 630;NGC 2844 group
NGC 7290	UGC 12045	Galaxy	PEG	13.3	13.6	1.6'	22 28.4	+17 09	167	Sbc			
NGC 735	UGC 1411	Galaxy	TRI	13.3	13.6	1.8'	01 56.6	+34 11	92	Sb			H III 176
NGC 4356	IC 3273	Galaxy	VIR	13.3	13.6	2.8'	12 24.2	+08 32	193	Sc			H III 481
NGC 7656	ESO 605- 5	Galaxy	AQR	13.3	13.5	1.2'	23 24.5	-19 04	349	SO			
NGC 5657	UGC 9335	Galaxy	BOO	13.3	13.5	1.8'	14 30.7	+29 11	111	SBb			
NGC 6077	UGC 10254	Galaxy	CRB	13.3	13.5	1.2'	16 11.2	+26 55	155	Elliptical			
NGC 5777	UGC 9568	Galaxy	DRA	13.3	13.5	3.1'	14 51.3	+58 59	50	Sb			H III 806;P w UGC 9570 at 2.8' PA 125
NGC 6478	UGC 10998	Galaxy	DRA	13.3	13.5	1.8'	17 48.6	+51 09	53	Sc			
NGC 1305	UGC 2697	Galaxy	ERI	13.3	13.5	1.5'	03 21.4	-02 19	221	E2			
NGC 6233	UGC 10573	Galaxy	HER	13.3	13.5	1.4'	16 50.3	+23 35	157	SO			
NGC 6627	UGC 11212	Galaxy	HER	13.3	13.5	1.3'	18 22.6	+15 42	204	SBb			
NGC 3356	UGC 5852	Galaxy	LEO	13.3	13.5	1.7'	10 44.2	+06 46	190	Sbc			H III 107;P w NGC 3362
NGC 7527	UGC 12428	Galaxy	PEG	13.3	13.5	1.3'	23 13.7	+24 54	169	Elliptical			
NGC 496	UGC 927	Galaxy	PSC	13.3	13.5	1.6'	01 23.2	+33 32	91	Sbc			H III 157
NGC 3847	NGC 3856	Galaxy	UMA	13.3	13.5	1.1'	11 44.2	+33 31	107	Elliptical			
NGC 562	UGC 1049	Galaxy	AND	13.3	13.4	1.3'	01 28.5	+48 23	61	Sc			
NGC 836	ESO 544-17	Galaxy	CET	13.3	13.4	1.2'	02 10.4	-22 03	309	Sa			
NGC 2628	UGC 4519	Galaxy	CNC	13.3	13.4	1.1'	08 40.4	+23 32	141	Sc Ring			H III 235
NGC 4016	UGC 6954;A	Galaxy	COM	13.3	13.4	1.5'	11 58.5	+27 32	147	SBd			
NGC 4155	UGC 7172	Galaxy	COM	13.3	13.4	1.1'	12 10.8	+19 02	148	Elliptical			Brightest in group
NGC 4231	UGC 7304	Galaxy	CVN	13.3	13.4	1.2'	12 16.8	+47 27	74	Sa			H III 719;P w NGC 4232
NGC 1258	ESO 547-24	Galaxy	ERI	13.3	13.4	1.3'	03 14.1	-21 47	311	SBc			
NGC 4003	NGC 4007	Galaxy	LEO	13.3	13.4	1.5'	11 58.0	+23 07	147	SBO			UGC 6948;H III 345
NGC 7442	UGC 12286	Galaxy	PEG	13.3	13.4	1'	22 59.4	+15 33	213	Sc			
NGC 5185	UGC 8488	Galaxy	VIR	13.3	13.4	1.8'	13 30.0	+13 25	195	Sb			H III 642;P w NGC 5181 at 8.4'PA 216
NGC 5411	UGC 8940	Galaxy	BOO	13.3	13.3	1.4'	14 02.0	+08 56	196	E-SO			sf of 2
NGC 5416	UGC 8944	Galaxy	BOO	13.3	13.3	1.4'	14 02.2	+09 26	196	Sc			H III 56;chaotic spir pattern
NGC 5589	NGC 5588	Galaxy	BOO	13.3	13.3	1.1'	14 21.4	+35 16	111	SBa			H III 416;P w NGC 5590 at 4.8'
NGC 5092	UGC 8376	Galaxy	COM	13.3	13.3	1'	13 19.9	+23 00	150	Elliptical			
NGC 5157	UGC 8455	Galaxy	CVN	13.3	13.3	1.3'	13 27.3	+32 02	109	SBa			H III 651;hints of eF outer disc
IC 4213	UGC 8280	Galaxy	CVN	13.3	13.3	2.5'	13 12.2	+35 40	109	Sc			
NGC 6789	UGC 11425	Galaxy	DRA	13.3	13.3	1.3'	19 16.7	+63 58	31	Ir			
NGC 696	ESO 353-50	Galaxy	FOR	13.3	13.3	1.7'	01 49.5	-34 54	353	SBO-a			
NGC 6185	UGC 10444	Galaxy	HER	13.3	13.3	1.2'	16 33.3	+35 21	114	Sa			
NGC 6513	UGC 11078	Galaxy	HER	13.3	13.3	1.2'	17 59.6	+24 53	159	SBO			
NGC 3363	UGC 5866	Galaxy	LEO	13.3	13.3	1.3'	10 45.2	+22 05	145	Sc			comp @ 2.4';PA230;0.8'X0.7';v dif
NGC 3943	MCG 4-28-	Galaxy	LEO	13.3	13.3	1.1'	11 52.9	+20 29	147	S			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 3235	NGC 3234	Galaxy	LMI	13.3	13.3	1.2'	10 25.0	+28 01	105	E-SO Ba			IC 2572 at 4.7';PA 23
NGC 6805	ESO 338-14	Galaxy	SGR	13.3	13.3	1.1'	19 36.8	-37 33	379	Elliptical			
NGC 579	UGC 1089	Galaxy	TRI	13.3	13.3	1.1'	01 31.8	+33 37	91	Sc			disturbed
NGC 3569	UGC 6238	Galaxy	UMA	13.3	13.3	1.1'	11 12.1	+35 27	106	SO			comp 1.9';PA248;0.25'X0.15';B lens
NGC 3759	UGC 6581	Galaxy	UMA	13.3	13.3	1'	11 36.9	+54 49	47	SBO			P w IC 2943
NGC 5	UGC 62	Galaxy	AND	13.3	13.2	1.2'	00 07.8	+35 22	89	Elliptical			compact
NGC 703	UGC 1346	Galaxy	AND	13.3	13.2	1.2'	01 52.7	+36 10	92	SO			H III 562;NGC 708 group
NGC 3250C	ESO 317-28	Galaxy	ANT	13.3	13.2	1.7'	10 27.7	-40 00	399	Sab			
NGC 5760	UGC 9531	Galaxy	BOO	13.3	13.2	1.5'	14 47.7	+18 30	153	Sa			H III 885;IC 4507 at 2.8' PA 183 0.8'X0.4' m=15.7
NGC 4835A	ESO 269-15	Galaxy	CEN	13.3	13.2	2.5'	12 57.2	-46 23	402	Sc			
NGC 1095	UGC 2264	Galaxy	CET	13.3	13.2	1.3'	02 47.6	+04 38	220	SBc			
NGC 1373	ESO 358-21	Galaxy	FOR	13.3	13.2	1.2'	03 35.0	-35 10	355	Elliptical			
NGC 6363	UGC 10827	Galaxy	HER	13.3	13.2	1.1'	17 22.7	+41 06	81	Elliptical			
NGC 6427	NGC 6431	Galaxy	HER	13.3	13.2	1.6'	17 43.6	+25 30	158	E-SO			P w NGC 6429 at 10' PA 325
NGC 6433	UGC 10962	Galaxy	HER	13.3	13.2	2'	17 43.9	+36 48	116	Sb			15 mag comp at 4' following
NGC 7516	UGC 12420	Galaxy	PEG	13.3	13.2	1.1'	23 12.9	+20 15	169	SO			
NGC 7805	UGC 12908	Galaxy	PEG	13.3	13.2	1.2'	00 01.4	+31 26	89	SBO			H III 855;contact w NGC 7806
NGC 889	ESO 298-27	Galaxy	PHE	13.3	13.2	1'	02 19.1	-41 45	389	Elliptical			
NGC 3550	UGC 6214	Galaxy	UMA	13.3	13.2	1'	11 10.6	+28 46	106	E-SO			H III 351;peculiar;double nucleus
IC 775	UGC 7350	Galaxy	VIR	13.3	13.2	1.2'	12 18.9	+12 55	193	SB0 pec			
NGC 6978	MCG - 1-53-	Galaxy	AQR	13.3	13.1	1.5'	20 52.6	-05 43	299	Sb			
NGC 5500	UGC 9070	Galaxy	BOO	13.3	13.1	1'	14 10.3	+48 33	77	Elliptical			H III 674
NGC 5628	UGC 9278	Galaxy	BOO	13.3	13.1	1.1'	14 28.4	+17 55	152	Elliptical			
NGC 5702	UGC 9434	Galaxy	BOO	13.3	13.1	1.1'	14 38.9	+20 30	152	SO			H III 894;comp 5.4' PA 254 0.6'X0.3'
NGC 329	MCG - 1- 3-	Galaxy	CET	13.3	13.1	1.5'	00 58.0	-05 04	217	Sb			
NGC 563	NGC 539	Galaxy	CET	13.3	13.1	1.6'	01 25.4	-18 10	308	SBc			
NGC 966	ESO 545-30	Galaxy	CET	13.3	13.1	1'	02 31.8	-19 53	310	E-SO			
NGC 5228	UGC 8556	Galaxy	CVN	13.3	13.1	1'	13 34.6	+34 47	109	E-SO			H III 408;NGC 5223 Group
NGC 1316C	ESO 357-27	Galaxy	FOR	13.3	13.1	1.3'	03 25.0	-37 01	355	SO			
NGC 3817	UGC 6657	Galaxy	LEO	13.3	13.1	1'	11 41.9	+10 18	192	SBO-a			comp superimp at 0.35';PA252;0.1'X0.1'
NGC 3919	UGC 6810	Galaxy	LEO	13.3	13.1	0.9'	11 50.7	+20 01	147	Elliptical			
NGC 52	UGC 140	Galaxy	PEG	13.3	13.1	2.2'	00 14.7	+18 35	125	Sc			H III 183;nf of 2;disturbed;UGC 122 superimp 0.9' sf ctr
NGC 7548	UGC 12455	Galaxy	PEG	13.3	13.1	1.1'	23 15.2	+25 17	169	SBO			
NGC 7698	UGC 12668	Galaxy	PEG	13.3	13.1	1'	23 34.0	+24 57	169	SO			
NGC 7777	UGC 12829	Galaxy	PEG	13.3	13.1	1.2'	23 53.2	+28 17	89	SO			
NGC 7277	ESO 467-59	Galaxy	PSA	13.3	13.1	1.5'	22 26.2	-31 09	384	Sb Ring			
NGC 518	UGC 952	Galaxy	PSC	13.3	13.1	1.6'	01 24.3	+09 20	173	Sab			
NGC 5060	UGC 8351	Galaxy	VIR	13.3	13.1	1.1'	13 17.3	+06 02	195	SBb			
NGC 226	UGC 459	Galaxy	AND	13.3	13	0.9'	00 42.9	+32 35	90	Pec			
NGC 909	UGC 1872	Galaxy	AND	13.3	13	0.9'	02 25.4	+42 02	62	Elliptical			
NGC 2581	UGC 4388	Galaxy	CNC	13.3	13	1.1'	08 24.5	+18 36	141	SB Ring			
NGC 319	ESO 243-13	Galaxy	PHE	13.3	13	1'	00 57.0	-43 50	387	SB Ring			
NGC 574	ESO 353- 6	Galaxy	SCL	13.3	13	1.1'	01 29.1	-35 36	352	SBb			
NGC 3117	UGC 5445	Galaxy	SEX	13.3	13	0.9'	10 06.2	+02 55	234	Elliptical			
NGC 5661	UGC 9346	Galaxy	VIR	13.3	13	1.5'	14 32.0	+06 15	197	SBb			H II 892;nf of 2;UGC 9345 at 6.5' 15.4 mag
NGC 93	UGC 209	Galaxy	AND	13.3	12.9	1.4'	00 22.1	+22 25	126	Sb			Part of NGC 80 group
NGC 4614	UGC 7851	Galaxy	COM	13.3	12.9	0.9'	12 41.5	+26 03	149	SBO-a			NGC 4615 group;NGC 4615 @ 2.4';NGC 4613 @ 2.8'
NGC 1352	ESO 548-30	Galaxy	ERI	13.3	12.9	1'	03 31.5	-19 17	312	SBO			
NGC 3251	IC 2579	Galaxy	LEO	13.3	12.9	2'	10 29.3	+26 06	145	SBc			comp @ 2.1';PA140;0.55'X0.15'
NGC 3323	UGC 5800	Galaxy	LMI	13.3	12.9	1.3'	10 39.7	+25 19	145	SB/P			peculiar
NGC 1281	MCG 7- 7-	Galaxy	PER	13.3	12.9	0.4'	03 20.1	+41 38	63	E5			
NGC 3018	UGC 5265	Galaxy	SEX	13.3	12.9	1.2'	09 49.7	+00 37	233	Sb			distorted;bridge?
NGC 3092	MCG 0-26-	Galaxy	SEX	13.3	12.9	1.3'	10 00.8	-03 01	234	Sa			
NGC 4799	UGC 8043	Galaxy	VIR	13.3	12.9	1.3'	12 55.3	+02 54	239	Sc			H III 548
NGC 5575	NGC 5578	Galaxy	VIR	13.3	12.9	0.9'	14 21.0	+06 12	197	SO			
NGC 179	ESO 540- 7	Galaxy	CET	13.3	12.8	0.9'	00 37.8	-17 51	306	E-SO			
NGC 4456	ESO 441-30	Galaxy	HYA	13.3	12.8	1.2'	12 27.9	-30 06	369	Sbc			
NGC 3011	UGC 5259	Galaxy	LEO	13.3	12.8	0.9'	09 49.7	+32 13	104	SO Ring			
NGC 3567	UGC 6230	Galaxy	LEO	13.3	12.8	0.9'	11 11.3	+05 50	191	SO			H III 89;np of 2;contact
NGC 7775	UGC 12821	Galaxy	PEG	13.3	12.8	0.9'	23 52.4	+28 46	89	SBc			disturbed?;chaotic spiral
NGC 3	UGC 58	Galaxy	PSC	13.3	12.8	1.1'	00 07.3	+08 18	170	SO			comp @ 4.8';PA 24;0.6'x0.2'
NGC 471	UGC 861	Galaxy	PSC	13.3	12.8	1'	01 20.0	+14 47	172	SO			Brightest in multiple system
IC 3268	UGC 7477	Galaxy	VIR	13.3	12.8	0.9'	12 24.1	+06 36	193	Sc			
NGC 2333	UGC 3689	Galaxy	GEM	13.3	12.7	1'	07 08.4	+35 10	100	Sa			H III 899
NGC 3438	UGC 5988	Galaxy	LEO	13.3	12.7	0.8'	10 52.4	+10 33	190	S pec			n of 2

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 3827	UGC 6673	Galaxy	LEO	13.3	12.7	0.9'	11 42.6	+18 51	147	Sm			
NGC 7461	UGC 12314	Galaxy	PEG	13.3	12.7	0.9'	23 01.8	+15 35	213	SBO			
NGC 7464	UGC 12315	Galaxy	PEG	13.3	12.7	0.5'	23 01.9	+15 58	213	Elliptical			NGC 7448 group
NGC 322	ESO 243-15	Galaxy	PHE	13.3	12.7	1.1'	00 57.2	-43 44	387	SO			Galaxy w interacting comp@ 0.2'
NGC 2692	UGC 4675	Galaxy	UMA	13.3	12.7	1.3'	08 57.0	+52 04	44	SBab			H III 831
IC 3499	UGC 7712	Galaxy	VIR	13.3	12.7	1.4'	12 33.8	+11 00	194	Sa			Member of Virgo group of galaxies
NGC 2824	UGC 4933	Galaxy	CNC	13.3	12.6	0.9'	09 19.0	+26 16	142	SO			
NGC 5142	UGC 8435	Galaxy	CVN	13.3	12.6	1'	13 25.0	+36 24	109	SO			H III 403;NGC 5143 at 2.3' n;pec?
NGC 5263	UGC 8648	Galaxy	CVN	13.3	12.6	1.6'	13 39.9	+28 24	109	Sc			H III 370;Small faint comp 3' in PA 120
NGC 1391	ESO 548-59	Galaxy	ERI	13.3	12.6	1.2'	03 38.9	-18 21	312	SBO			
NGC 6641	UGC 11250	Galaxy	HER	13.3	12.6	0.9'	18 29.0	+22 54	160	S			
NGC 2780	UGC 4843	Galaxy	LYN	13.3	12.6	0.9'	09 12.7	+34 56	103	SB/P			massive very tightly wound arms;NGC 2778 group
NGC 1260	UGC 2634	Galaxy	PER	13.3	12.6	1.1'	03 17.5	+41 24	63	Sa			Perseus Cl;5 comp inside 5';may be interacting
NGC 3102	UGC 5418	Galaxy	UMA	13.3	12.6	0.9'	10 04.5	+60 06	45	E-SO			H III 916
NGC 4325	NGC 4368	Galaxy	VIR	13.3	12.6	1'	12 23.1	+10 37	193	Elliptical			
NGC 4049	UGC 7027	Galaxy	COM	13.3	12.5	0.9'	12 02.9	+18 45	148	Sd			H III 390
NGC 1355	MCG - 1-10-	Galaxy	ERI	13.3	12.5	1.5'	03 33.4	-05 00	222	SO			poss edgewise S;P w NGC 1358 at 6'8
NGC 3250D	ESO 317-31	Galaxy	ANT	13.3	12.4	1.7'	10 28.0	-39 49	399	SO			
NGC 2560	UGC 4337	Galaxy	CNC	13.3	12.4	1.4'	08 19.9	+20 59	141	Sa			dense part of cl
NGC 2735	UGC 4744	Galaxy	CNC	13.3	12.4	1.2'	09 02.6	+25 56	142	SBb/P			bright core;bridge;disturbed by companion (N2375A)
NGC 2777	UGC 4823	Galaxy	CNC	13.3	12.4	0.7'	09 10.7	+07 12	187	Sab			
NGC 4966	UGC 8194	Galaxy	COM	13.3	12.4	1'	13 06.3	+29 04	109	SBab Ri			H III 304
NGC 7116	UGC 11796	Galaxy	CYG	13.3	12.4	1.1'	21 42.7	+28 57	122	Sbc			
NGC 6972	UGC 11640	Galaxy	DEL	13.3	12.4	1.1'	20 50.0	+09 54	209	Sa			
NGC 6983	ESO 286-14	Galaxy	MIC	13.3	12.4	0.8'	20 56.7	-43 59	412	Sab			
NGC 3191	NGC 3192	Galaxy	UMA	13.3	12.4	0.8'	10 19.1	+46 27	72	SBbc/P			massive;v tightly wound arms;comp at 1.3';PA268
NGC 5007	UGC 8240	Galaxy	UMA	13.3	12.4	0.9'	13 09.2	+62 10	26	E-SO			H III 848;In group w UGC 8214;8234 and 8237
NGC 6542	UGC 11092	Galaxy	DRA	13.3	12.3	1.3'	17 59.7	+61 22	30	Sa			
NGC 3281C	ESO 375-63	Galaxy	ANT	13.3	12.2	1.4'	10 33.0	-34 53	366	SO			
NGC 786	UGC 1506	Galaxy	ARI	13.3	12.2	0.7'	02 01.4	+15 39	174	S pec			
NGC 3837	UGC 6701	Galaxy	LEO	13.3	12.2	0.6'	11 43.9	+19 54	147	Elliptical			NGC 3842 at 3.6;21
NGC 4318	UGC 7446	Galaxy	VIR	13.3	12.1	0.7'	12 22.7	+08 12	193	Elliptical			
NGC 1451	NGC 1446	Galaxy	ERI	13.3	11.9	0.8'	03 46.1	-04 04	222	SO			
NGC 3802	UGC 6636	Galaxy	LEO	13.3	11.9	1.1'	11 40.3	+17 46	147	Sc			H III 30
NGC 4174	UGC 7206	Galaxy	COM	13.3	11.7	0.8'	12 12.4	+29 09	107	Sa			H III 359;NGC 4169 group
PK 279- 3.1	He2- 36	Pln Neb	CAR	13.3	11.2	25"	09 43.5	-57 17	426			11.5	
PK 226- 3.1	PB 1	Pln Neb	CMA	13.3	9.4	10"	07 02.7	-13 42	273			16.2	
NGC 6778	PK 34-6.1	Pln Neb	AQL	13.3	9.1	19"	19 18.4	-01 36	251	3(3)		14.8	
PK 23- 2.1	M1-59	Pln Neb	SCT	13.3	7.7	4.8"	18 43.4	-09 05	295	2			Virtually Stellar
PK 119- 6.1	Hu 1-1	Pln Neb	CAS	13.3	6.9	5"	00 28.2	+55 57	35	2		19.1	
IC 4732	PK 10-6.1	Pln Neb	SGR	13.3	6.2	3.6"	18 33.9	-22 39	340	1		16.6	
IC 5117	PK 89-5.1	Pln Neb	CYG	13.3	3	2"	21 32.5	+44 36	86	2		16.7	
NGC 932	NGC 930	Galaxy	ARI	13.4	-	1.9'	02 27.9	+20 20	130	Sa Ring			H II 489
NGC 277	MCG - 2- 3-	Galaxy	CET	13.4	-	1.4'	00 51.3	-08 36	262	E-SO			
NGC 961	NGC 1051	Galaxy	CET	13.4	-	2.1'	02 41.0	-06 56	265	Sm			
PK 235- 1.1	M1-14	Pln Neb	CMA	13.4	-	13"	07 27.9	-20 13	319			14.1	
NGC 6742	PK 78+18.1	Pln Neb	DRA	13.4	-	31"	18 59.3	+48 28	83			19.4	H III 742
NGC 1031	ESO 154- 5	Galaxy	HOR	13.4	-	1.9'	02 36.6	-54 52	419	SBa			
NGC 2722	NGC 2733	Galaxy	HYA	13.4	-	2.1'	08 58.8	-03 43	232	SBc			H III 264
NGC 2733	NGC 2722	Galaxy	HYA	13.4	-	2.1'	08 58.8	-03 43	232	Sbc			
PK 238+34.	Abell 33	Pln Neb	HYA	13.4	-	4.5'	09 39.1	-02 48	233	2b		15.5	
NGC 3899	NGC 3912	Galaxy	LEO	13.4	-	1.5'	11 50.1	+26 29	147	SBb			see 3912
PK 6+ 8.1	M1-20	Pln Neb	OPH	13.4	-	7.0"	17 29.0	-19 16	338	1		17.1	
PK 18+20.1	Nassau 1	Pln Neb	OPH	13.4	-	5.0"	17 12.9	-03 16	247			16.6	Stellar
NGC 98	ESO 242- 5	Galaxy	PHE	13.4	-	1.6'	00 22.8	-45 16	386	SBbc			
NGC 312	ESO 151- 6	Galaxy	PHE	13.4	-	1.4'	00 56.3	-52 47	417	E			
NGC 1803	ESO 203-18	Galaxy	PIC	13.4	-	1.3'	05 05.4	-49 34	392	SBbc			
PK 345- 1.1	He2-300	Pln Neb	SCO	13.4	-	8.5"	17 10.5	-41 53	407	2			
PK 349+ 4.1	M2-4	Pln Neb	SCO	13.4	-	5"	17 01.1	-34 50	376	1		17	
PK 27- 3.2	VY 1-4	Pln Neb	SCT	13.4	-	15.0"	18 54.0	-06 26	295	1		15.6	
Cr 468		Opn CL	SGR	13.4	-	1.5'	18 06.6	-27 28	339	IV 1p :b 8		11.1	
NGC 6899	ESO 234-22	Galaxy	TEL	13.4	-	1.7'	20 24.4	-50 26	436	SBbc			
UGC 2275	PGC 10588	Galaxy	CET	13.4	16.6	5.8'	02 48.0	+03 53	220	Sm			
IC 3687	UGC 7866	Galaxy	CVN	13.4	15.8	3.4'	12 42.3	+38 30	108	Ir+			Dwarf irr;bright cond. on south side of nuc 0.6'
UGC 6345	PGC 34696	Galaxy	LEO	13.4	15.3	3.8'	11 20.2	+02 32	236	Ir+			NGC 3640 group

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
UGC 8837	Holmberg IV	Galaxy	UMA	13.4	15.1	4'	13 54.8	+53 54	49	Ir+			In M101 group;MCG +09-23-017
NGC 6246A	UGC 10584	Galaxy	DRA	13.4	14.9	2.2'	16 50.2	+55 23	52	SBc/P			
UGC 2259	PGC 10586	Galaxy	PER	13.4	14.9	2.8'	02 47.9	+37 32	93	SBdm			south of 2
UGC 4922	PGC 26304	Galaxy	UMA	13.4	14.9	3.9'	09 18.6	+47 52	71	Sm			
UGC 7321	PGC 39432	Galaxy	COM	13.4	14.8	5.3'	12 17.5	+22 32	148	Sd			
UGC 5707	MCG +07-22	Galaxy	UMA	13.4	14.8	2.5'	10 31.3	+43 08	72	S(B)c			
NGC 3187	UGC 5556	Galaxy	LEO	13.4	14.7	2.9'	10 17.8	+21 52	144	SBc/P			NGC 3189-90 group;distorted
NGC 7094	PK 66-28.1	Pln Neb	PEG	13.4	14.7	99"	21 36.9	+12 47	211	4		13.6	
NGC 5608	UGC 9219	Galaxy	BOO	13.4	14.6	2.6'	14 23.3	+41 47	77	Irp+			H II 673;hints of spir pattern?;ecc nucl
UGC 8733	PGC 48989	Galaxy	CVN	13.4	14.6	2.5'	13 48.6	+43 24	76	SBcd			disturbed?
NGC 6301	IC 4643;H IV	Galaxy	HER	13.4	14.5	2.3'	17 08.5	+42 20	80	Sc			
NGC 5720	UGC 9439	Galaxy	BOO	13.4	14.4	2.1'	14 38.6	+50 49	50	Sb			
NGC 5829	IC 4526	Galaxy	BOO	13.4	14.4	1.7'	15 02.7	+23 20	153	Sc			sf of 2;interacting w comp at 1.4' PA 320 .5X0.4
NGC 3977	NGC 3980	Galaxy	UMA	13.4	14.3	1.5'	11 56.1	+55 23	47	Sab			H II 790
UGC 8995	PGC 50194	Galaxy	BOO	13.4	14.2	2.3'	14 04.9	+08 49	196	S(B)dm			
NGC 5041	UGC 8319	Galaxy	COM	13.4	14.2	1.7'	13 14.5	+30 42	109	Sc			
NGC 5238	UGC 8565	Galaxy	CVN	13.4	14.2	1.5'	13 34.7	+51 37	49	Sd			pair of blue post-eruptive Sc's w compact nuclei
NGC 7432	UGC 12268	Galaxy	PEG	13.4	14.1	1.6'	22 58.0	+13 08	213	Elliptical			H III 465;Companion Superimposed?;UGC 12268
NGC 7489	UGC 12378	Galaxy	PEG	13.4	14.1	2.1'	23 07.5	+23 00	168	Scd			
NGC 6816	ESO 460-30	Galaxy	SGR	13.4	14.1	1.7'	19 44.0	-28 24	380	E-SO			
NGC 995	UGC 2118	Galaxy	AND	13.4	14	1.7'	02 38.5	+41 32	62	SO			
NGC 7163	ESO 466-30	Galaxy	PSA	13.4	14	1.9'	21 59.3	-31 53	383	SBab			
UGC 191	D2	Galaxy	PSC	13.4	14	3'	00 20.1	+10 53	171	S			
NGC 6761	ESO 231-28	Galaxy	TEL	13.4	14	1.6'	19 15.1	-50 39	435	SBab			
NGC 3577	UGC 6257	Galaxy	UMA	13.4	14	1.4'	11 13.7	+48 16	73	SBa			P w NGC 3583 at 5.1';PA57;comp 2.8';PA322;0.6'X0.5'
NGC 840	UGC 1664	Galaxy	CET	13.4	13.9	1.8'	02 10.3	+07 51	174	SBb			
NGC 606	UGC 1126	Galaxy	PSC	13.4	13.9	1.4'	01 34.8	+21 25	128	SBc			angular
NGC 4948A	MCG - 1-33-	Galaxy	VIR	13.4	13.9	1.5'	13 05.1	-08 10	285	SBd			
NGC 5618	UGC 9250	Galaxy	VIR	13.4	13.9	1.6'	14 27.2	-02 16	242	SBc			H III 763
NGC 2514	UGC 4189	Galaxy	CNC	13.4	13.8	1.3'	08 02.8	+15 48	185	SBbc			NGC 2507 group
NGC 2623	UGC 4509	Galaxy	CNC	13.4	13.8	2.4'	08 38.4	+25 45	141	Sb			triple; contact;2 long curved streamers (or arms)
NGC 927	UGC 1908	Galaxy	ARI	13.4	13.7	1.2'	02 26.6	+12 09	175	SBc			f of 2;3 B arms
NGC 6527	UGC 11094	Galaxy	HER	13.4	13.7	1.4'	18 01.8	+19 44	159	Sa			
NGC 3808	UGC 6643	Galaxy	LEO	13.4	13.7	1.6'	11 40.7	+22 26	147	SBc/P			H III 338;double system;distorted;twisted bridge
NGC 7773	UGC 12820	Galaxy	PEG	13.4	13.7	1.2'	23 52.2	+31 17	89	SBbc			H II 851
NGC 7518	UGC 12422	Galaxy	PSC	13.4	13.7	1.4'	23 13.2	+06 19	214	Sa			
NGC 3073	UGC 5374	Galaxy	UMA	13.4	13.7	1.2'	10 00.9	+55 37	45	SBO			H III 853;NGC 3079 group
IC 3267	UGC 7474	Galaxy	VIR	13.4	13.7	1.2'	12 24.1	+07 02	193	Sc			Possible member of Virgo group of galaxies
NGC 7707	UGC 12683	Galaxy	AND	13.4	13.6	1.3'	23 34.9	+44 18	88	E-SO			H III 579
NGC 3343	UGC 5863	Galaxy	DRA	13.4	13.6	1.3'	10 46.2	+73 21	8	Elliptical			H III 317
NGC 852	ESO 153-26	Galaxy	ERI	13.4	13.6	1.3'	02 08.9	-56 44	418	SBbc			
NGC 1351A	ESO 358- 9	Galaxy	FOR	13.4	13.6	2.6'	03 28.8	-35 11	355	SBbc			
NGC 6308	UGC 10747	Galaxy	HER	13.4	13.6	1.1'	17 12.0	+23 23	157	SBc			disturbed;In NGC 6314 group
NGC 3216	UGC 5593	Galaxy	LEO	13.4	13.6	1.3'	10 21.7	+23 55	144	Elliptical			H III 330;brightest in group;UGC 5593
NGC 3834	MCG 3-30-	Galaxy	LEO	13.4	13.6	1.4'	11 43.6	+19 05	147	S			
NGC 7536	UGC 12437	Galaxy	PEG	13.4	13.6	1.9'	23 14.2	+13 26	214	SBbc Rir			
NGC 212	ESO 150-18	Galaxy	PHE	13.4	13.6	1.3'	00 40.2	-56 09	417	E-SO			
NGC 7687	MCG 0-59-	Galaxy	PSC	13.4	13.6	1.3'	23 30.9	+03 33	259	SO			compact
NGC 2201	ESO 254-40	Galaxy	PUP	13.4	13.6	1.4'	06 13.5	-43 42	394	SBb			
NGC 2772	ESO 497-14	Galaxy	PYX	13.4	13.6	1.5'	09 07.7	-23 37	322	Sb			
NGC 5977	UGC 9967	Galaxy	SER	13.4	13.6	1.2'	15 40.6	+17 08	154	SBO			comp 4 ' PA 82 0.6X0.35 early spir
NGC 5027	UGC 8297	Galaxy	VIR	13.4	13.6	1.2'	13 13.3	+06 04	195	SBb			
NGC 5714	UGC 9431	Galaxy	BOO	13.4	13.5	3.2'	14 38.2	+46 38	77	Sc			H III 675;NGC 5717 at 4.8' nf 0.9'X0.5' m=15.4
NGC 2212	ESO 556-14	Galaxy	CMA	13.4	13.5	1.5'	06 18.6	-18 31	317	SBO-a			
NGC 4929	MCG 5-31-	Galaxy	COM	13.4	13.5	1'	13 02.7	+28 03	109	Elliptical			
NGC 4711	IC 3804	Galaxy	CVN	13.4	13.5	1.3'	12 48.8	+35 20	108	SBb			H II 412
NGC 5025	UGC 8292	Galaxy	CVN	13.4	13.5	2'	13 12.7	+31 48	109	Sb			H III 649
NGC 6536	UGC 11077	Galaxy	DRA	13.4	13.5	1.2'	17 57.3	+64 56	30	SBb			
NGC 1631	ESO 551-21	Galaxy	ERI	13.4	13.5	1.5'	04 38.4	-20 39	314	SBO-a			
NGC 1293	MCG 7- 7-	Galaxy	PER	13.4	13.5	0.9'	03 21.6	+41 24	63	E0			H III 574
NGC 5412	UGC 8905	Galaxy	UMI	13.4	13.5	1.2'	13 57.2	+73 37	10	E-SO			sev faint comp in field
NGC 7069	UGC 11747	Galaxy	AQR	13.4	13.4	1.3'	21 28.1	-01 39	255	E-SO			
NGC 2255	ESO 365-31	Galaxy	COL	13.4	13.4	1.5'	06 34.0	-34 49	360	SBc			
NGC 4971	MCG 5-31-	Galaxy	COM	13.4	13.4	1'	13 06.9	+28 33	109	SBO Rir			
NGC 5021	UGC 8284	Galaxy	CVN	13.4	13.4	1.5'	13 12.1	+46 12	76	SBb			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4693	UGC 7962	Galaxy	DRA	13.4	13.4	2.4'	12 47.2	+71 11	26	Scd			H III 906
NGC 2407	UGC 3896	Galaxy	GEM	13.4	13.4	1.1'	07 31.9	+18 20	139	E-SO			brightest in group
NGC 6321	UGC 10768	Galaxy	HER	13.4	13.4	1.1'	17 14.4	+20 19	157	SBbc			
NGC 6458	UGC 10994	Galaxy	HER	13.4	13.4	1.3'	17 49.2	+20 48	158	SO			P w NGC 6460 at 5' PA 118
NGC 2965	UGC 5191	Galaxy	LMI	13.4	13.4	1.2'	09 43.3	+36 15	104	SO			H III 751;brightest in group
NGC 6378	UGC 10884	Galaxy	OPH	13.4	13.4	1.3'	17 30.7	+06 17	203	Sbc			
NGC 7312	UGC 12083	Galaxy	PEG	13.4	13.4	1.5'	22 34.6	+05 49	212	SBb			
NGC 186	UGC 390	Galaxy	PSC	13.4	13.4	1.4'	00 38.4	+03 10	216	SBO-a			In NGC 182 group
NGC 7501	MCG 1-59-	Galaxy	PSC	13.4	13.4	0.5'	23 10.5	+07 35	213	Elliptical			
NGC 5887	UGC 9779	Galaxy	SER	13.4	13.4	1.2'	15 14.7	+01 09	244	Sa			UGC 9782 at 3.8' PA 50;comp 5 ' PA 239 0.5X0.1
NGC 5983	UGC 9983	Galaxy	SER	13.4	13.4	1'	15 42.8	+08 14	199	Elliptical			
NGC 4012	UGC 6960	Galaxy	VIR	13.4	13.4	1.9'	11 58.5	+10 01	192	Sb			
NGC 4376	UGC 7498	Galaxy	VIR	13.4	13.4	1.4'	12 25.3	+05 44	193	Ir			H II 530;possibly 49' north of NGC 4378
NGC 5868	NGC 5865	Galaxy	VIR	13.4	13.4	1.1'	15 09.8	+00 32	243	E-SO			
NGC 5888	UGC 9771	Galaxy	BOO	13.4	13.3	1.3'	15 13.1	+41 16	78	SBbc			H III 659;NGC 5886 at 4.6' sp m=15.1
NGC 120	UGC 267	Galaxy	CET	13.4	13.3	1.5'	00 27.5	-01 31	216	SBO			
NGC 327	MCG - 1- 3-	Galaxy	CET	13.4	13.3	1.5'	00 57.9	-05 08	217	Sbc			
NGC 2620	UGC 4501	Galaxy	CNC	13.4	13.3	2'	08 37.5	+24 57	141	S pec			very diffuse dwarf;NGC 2621 at 3.8 nf (m=15.5)
NGC 3315	ESO 501-G0	Galaxy	HYA	13.4	13.3	1.1'	10 37.3	-27 12	325	E-SO			
NGC 3997	UGC 6942	Galaxy	LEO	13.4	13.3	1.6'	11 57.8	+25 16	147	SBb/P			multiple sys w NGC 3987;3989;3993
NGC 2704	IC 2424	Galaxy	LYN	13.4	13.3	1'	08 56.8	+39 23	70	SBab Rl			H III 625;IC 2424
NGC 6685	UGC 11317	Galaxy	LYR	13.4	13.3	1.1'	18 40.0	+39 59	82	E-SO			
NGC 7703	UGC 12676	Galaxy	PEG	13.4	13.3	2.2'	23 34.8	+16 05	214	SO			
NGC 7760	UGC 12794	Galaxy	PEG	13.4	13.3	1'	23 49.2	+30 59	89	Elliptical			H III 854;Red plate size 1.5'x1.5';very compact
NGC 7693	MCG 0-60-	Galaxy	PSC	13.4	13.3	1.2'	23 33.2	-01 18	259	Sa			
NGC 461	ESO 352-33	Galaxy	SCL	13.4	13.3	1.2'	01 17.3	-33 51	352	SBc			
NGC 534	ESO 296-21	Galaxy	SCL	13.4	13.3	1'	01 24.7	-38 08	352	SBO			
NGC 544	ESO 296-24	Galaxy	SCL	13.4	13.3	1.2'	01 25.2	-38 06	352	E-SO Be			
NGC 6018	UGC 10101	Galaxy	SER	13.4	13.3	1.4'	15 57.5	+15 52	200	Sa			H III 646;P w NGC 6021;UGC 10101
NGC 1517	UGC 2970	Galaxy	TAU	13.4	13.3	1.1'	04 09.2	+08 39	178	Sc			
NGC 1608	NGC 1593	Galaxy	TAU	13.4	13.3	1.6'	04 32.1	+00 34	224	SO			
NGC 3168	UGC 5536	Galaxy	UMA	13.4	13.3	1'	10 16.4	+60 14	45	Elliptical			compact;brightest in triple group
NGC 3931	NGC 3917A	Galaxy	UMA	13.4	13.3	1.1'	11 51.2	+52 00	47	E-SO			H III 769;comp 3.8';PA140;0.45'X0.35'
NGC 5231	UGC 8574	Galaxy	VIR	13.4	13.3	1.1'	13 35.8	+03 00	240	SBa			alm stell
NGC 5392	MCG 0-36-	Galaxy	VIR	13.4	13.3	1.2'	13 59.4	-03 13	241	Sa			H III 666
NGC 5708	NGC 5704	Galaxy	BOO	13.4	13.2	1.6'	14 38.3	+40 27	77	Sd			B patches;prob. v late spir
NGC 5794	UGC 9610	Galaxy	BOO	13.4	13.2	1'	14 55.9	+49 44	78	S			B core in vF halo;no S0;comp 4.8';PA185;5797 at 5.3'
NGC 4987	UGC 8216	Galaxy	CVN	13.4	13.2	1.2'	13 08.0	+51 56	48	Elliptical			H II 815
NGC 5187	MCG 5-32-	Galaxy	CVN	13.4	13.2	1.3'	13 29.8	+31 08	109	Sb Ring			H III 652
NGC 1301	ESO 547-32	Galaxy	ERI	13.4	13.2	2.2'	03 20.6	-18 43	311	SBbc			
NGC 1331	IC 324	Galaxy	ERI	13.4	13.2	0.9'	03 26.5	-21 21	311	E2			H III 959;IC 324
NGC 7379	UGC 12187	Galaxy	LAC	13.4	13.2	1.1'	22 47.5	+40 14	87	SBa			
NGC 3279	IC 622	Galaxy	LEO	13.4	13.2	2.9'	10 34.7	+11 12	190	Scd			
NGC 3304	UGC 5777	Galaxy	LMI	13.4	13.2	1.4'	10 37.6	+37 27	105	SBa			H III 615
NGC 7411	UGC 12241	Galaxy	PEG	13.4	13.2	1'	22 54.6	+20 14	168	Elliptical			Compact;4th in chain of 6
NGC 509	UGC 932	Galaxy	PSC	13.4	13.2	1.3'	01 23.4	+09 26	173	SBO-a			
NGC 7704	UGC 12684	Galaxy	PSC	13.4	13.2	1.1'	23 35.0	+04 54	259	E-SO			
NGC 5470	UGC 9020	Galaxy	VIR	13.4	13.2	2.5'	14 06.5	+06 02	196	Sb			
NGC 722	UGC 1379	Galaxy	ARI	13.4	13.1	1.7'	01 54.8	+20 42	129	Sbc			
NGC 5596	UGC 9208	Galaxy	BOO	13.4	13.1	1.1'	14 22.5	+37 07	111	SO			H III 418
NGC 4616	ESO 322-56	Galaxy	CEN	13.4	13.1	0.9'	12 42.3	-40 39	402	Elliptical			
NGC 985	MCG - 2- 7-	Galaxy	CET	13.4	13.1	1'	02 34.6	-08 47	265	Ring			
NGC 4126	UGC 7123	Galaxy	COM	13.4	13.1	1.1'	12 08.6	+16 09	193	SO			H III 68
NGC 3144	NGC 3174	Galaxy	DRA	13.4	13.1	1.2'	10 15.5	+74 13	8	SBap			H III 964
NGC 1092	ESO 546-17	Galaxy	ERI	13.4	13.1	0.9'	02 45.5	-17 33	310	Elliptical			
NGC 2449	UGC 4026	Galaxy	GEM	13.4	13.1	1.3'	07 47.3	+26 56	140	Sab			
NGC 2498	UGC 4142	Galaxy	GEM	13.4	13.1	1.1'	07 59.6	+24 59	140	SBa			very bright bar;singular loop westw
NGC 7249	ESO 190- 1	Galaxy	GRU	13.4	13.1	1.1'	22 20.5	-55 08	438	SO			
NGC 2898	MCG 0-24-	Galaxy	HYA	13.4	13.1	1'	09 29.8	+02 04	233	Sa			
NGC 3767	UGC 6590	Galaxy	LEO	13.4	13.1	1'	11 37.3	+16 53	192	SBO			comp 1.3';PA178;0.5'X0.1'
NGC 3327	UGC 5803	Galaxy	LMI	13.4	13.1	1.1'	10 40.0	+24 05	145	Sb Ring			H II 348
NGC 3408	UGC 5977	Galaxy	UMA	13.4	13.1	0.8'	10 52.2	+58 26	46	Sc			H III 913
NGC 4097	UGC 7092	Galaxy	UMA	13.4	13.1	1.2'	12 06.0	+36 52	107	SO			H III 400
NGC 4277	MCG 1-32-	Galaxy	VIR	13.4	13.1	1.1'	12 20.1	+05 20	238	SBO-a			H II 571 , near 4273
NGC 4992	UGC 8232	Galaxy	VIR	13.4	13.1	1.2'	13 09.1	+11 38	195	Sa			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 6215A	ESO 138- 4	Galaxy	ARA	13.4	13	1.5'	16 52.8	-58 57	433	Sb			
NGC 66	ESO 473-10	Galaxy	CET	13.4	13	1.2'	00 19.1	-22 56	306	SB Ring			
NGC 3096	ESO 566-42	Galaxy	HYA	13.4	13	1'	10 00.6	-19 40	324	SBO			
NGC 3467	UGC 6045	Galaxy	LEO	13.4	13	0.9'	10 56.7	+09 46	191	SO			brightest in group;NGC 3466 at 7 ' ;PA267
NGC 2431	NGC 2436	Galaxy	LYN	13.4	13	0.9'	07 45.2	+53 05	43	SBa			H III 829
NGC 7318A	NGC 7318-1	Galaxy	PEG	13.4	13	1.2'	22 35.9	+33 58	123	Elliptical			Stephan's Quintet ;A projects onto arm of B
NGC 7372	MCG 2-58	Galaxy	PEG	13.4	13	1'	22 45.8	+11 08	213	Sbc			
NGC 7110	ESO 403-16	Galaxy	PSA	13.4	13	1.3'	21 42.2	-34 10	383	SBb			
NGC 6003	UGC 10048	Galaxy	SER	13.4	13	0.9'	15 49.4	+19 02	155	SO			
NGC 3039	UGC 5297	Galaxy	SEX	13.4	13	1.2'	09 52.5	+02 09	234	SBbc			comp 2 ' ;PA323;0.3'X 0.15'
NGC 7047	UGC 11712	Galaxy	AQR	13.4	12.9	1.2'	21 16.5	-00 50	255	Sb Ring			
NGC 172	ESO 474- 5	Galaxy	CET	13.4	12.9	2'	00 37.2	-22 35	306	SBbc			
NGC 1072	IC 1837	Galaxy	CET	13.4	12.9	1.5'	02 43.5	+00 18	220	SBab Ri			
NGC 1280	UGC 2652	Galaxy	CET	13.4	12.9	0.9'	03 18.0	-00 10	221	SBc			asym;thin vB arms;almost circular
NGC 2416	UGC 3925	Galaxy	CMI	13.4	12.9	1'	07 35.7	+11 37	184	Sc			brightest in group;asymmetrical spiral
NGC 2510	UGC 4178	Galaxy	CMI	13.4	12.9	1'	08 02.2	+09 29	185	SO			NGC 2513
NGC 4076	UGC 7061	Galaxy	COM	13.4	12.9	0.9'	12 04.5	+20 12	148	Sab			H III 396;NGC 4065 @ 6.5'
NGC 6258	UGC 10595	Galaxy	DRA	13.4	12.9	0.9'	16 52.5	+60 31	52	Elliptical			
NGC 1481	ESO 549-32	Galaxy	ERI	13.4	12.9	1'	03 54.5	-20 26	312	E-SO			
NGC 2583	MCG - 1-22	Galaxy	HYA	13.4	12.9	0.8'	08 23.1	-05 00	231	E1			
NGC 3080	UGC 5372	Galaxy	LEO	13.4	12.9	0.9'	09 59.9	+13 03	189	Sa			H III 934;P w IC 585 mag 14.8;1 'X1 ' '
NGC 3826	NGC 3830	Galaxy	LEO	13.4	12.9	0.9'	11 42.5	+26 29	147	Elliptical			H II 341
NGC 5766	ESO 580-50	Galaxy	LIB	13.4	12.9	1.1'	14 53.2	-21 24	333	SBbc			
NGC 6296	UGC 10719	Galaxy	OPH	13.4	12.9	0.9'	17 08.7	+03 54	247	SBbc			P w IC 1242
NGC 7335	UGC 12116	Galaxy	PEG	13.4	12.9	1.3'	22 37.3	+34 27	123	Sa			H III 166;Brightest of 4;UGC 12116; near 7331
NGC 7109	ESO 403-15	Galaxy	PSA	13.4	12.9	0.8'	21 42.0	-34 27	383	Elliptical			
NGC 407	UGC 730	Galaxy	PSC	13.4	12.9	1.8'	01 10.6	+33 07	91	Sa			H II 219;UGC 730
NGC 7422	UGC 12254	Galaxy	PSC	13.4	12.9	1'	22 56.2	+03 56	258	Sb			Complex;disturbed
NGC 4695	UGC 7966	Galaxy	UMA	13.4	12.9	1.1'	12 47.5	+54 22	48	SBbc			H II 796;NGC 4686 group
NGC 5607	UGC 9189	Galaxy	UMI	13.4	12.9	0.9'	14 19.4	+71 35	27	S pec			H II 331;Peculiar
NGC 27	UGC 96	Galaxy	AND	13.4	12.8	1.2'	00 10.5	+29 00	89	Sb			
NGC 5405	UGC 8928	Galaxy	BOO	13.4	12.8	0.8'	14 01.2	+07 42	196	Sc			
NGC 391	UGC 693	Galaxy	CET	13.4	12.8	0.9'	01 07.4	+00 56	217	Elliptical			
NGC 4308	UGC 7426	Galaxy	COM	13.4	12.8	0.8'	12 21.9	+30 04	108	Elliptical			
NGC 4738	UGC 7999	Galaxy	COM	13.4	12.8	2.1'	12 51.1	+28 47	108	Sc			
NGC 4159	UGC 7174	Galaxy	DRA	13.4	12.8	1.3'	12 10.9	+76 08	9	Sbc			H III 941
NGC 1492	ESO 359-12	Galaxy	ERI	13.4	12.8	0.9'	03 58.2	-35 27	356	Sa			
NGC 2926	UGC 5125	Galaxy	LEO	13.4	12.8	0.8'	09 37.5	+32 50	103	SBb			peculiar
NGC 3996	UGC 6941	Galaxy	LEO	13.4	12.8	0.9'	11 57.8	+14 18	192	Sc			
NGC 5940	UGC 9876	Galaxy	SER	13.4	12.8	0.8'	15 31.3	+07 27	199	SBab			
NGC 3276	ESO 317-40	Galaxy	ANT	13.4	12.7	1'	10 31.2	-39 57	399	SO			
NGC 5418	UGC 8944	Galaxy	BOO	13.4	12.7	1.1'	14 02.3	+07 41	196	SBbc			only bar vis on PA prints
NGC 1268	UGC 2658	Galaxy	PER	13.4	12.7	0.9'	03 18.8	+41 29	63	Sb			Perseus CI in a cond around NGC 1275 (see N1267)
NGC 7153	ESO 466-16	Galaxy	PSA	13.4	12.7	1.9'	21 54.6	-29 04	383	Sb			
NGC 6929	MCG 0-52	Galaxy	AQL	13.4	12.6	0.8'	20 33.4	-02 02	254	Sa			
NGC 1654	UGC 3154	Galaxy	ERI	13.4	12.6	0.8'	04 45.8	-02 05	224	Sa			
NGC 2984	IC 556	Galaxy	LEO	13.4	12.6	0.7'	09 43.7	+11 04	188	SO			H III 34;IC 556
NGC 3130	UGC 5468	Galaxy	LEO	13.4	12.6	1'	10 08.2	+09 59	189	Sa			nearby GC 13911 at 4.6';mag 4.58
NGC 442	UGC 789	Galaxy	CET	13.4	12.5	1'	01 14.6	-01 01	217	Sa			
NGC 6762	NGC 6763	Galaxy	DRA	13.4	12.5	1.5'	19 05.6	+63 56	31	Sa			
NGC 374	UGC 680	Galaxy	PSC	13.4	12.5	1.1'	01 07.1	+32 48	91	Sa			
NGC 3135	UGC 5486	Galaxy	UMA	13.4	12.5	0.9'	10 10.9	+45 57	72	Sbc			
NGC 5583	UGC 9196	Galaxy	BOO	13.4	12.4	0.8'	14 21.7	+13 14	197	S			vB main body
NGC 1038	UGC 2158	Galaxy	CET	13.4	12.4	1.2'	02 40.1	+01 31	220	Sa			
NGC 3107	UGC 5425	Galaxy	LEO	13.4	12.4	0.7'	10 04.4	+13 37	189	Sbc			H II 898;UGC 5425
UGC 5425	NGC 3107	Galaxy	LEO	13.4	12.4	0.7'	10 04.4	+13 37	189	Sbc			
UGC 1385	Mrk 2	Galaxy	AND	13.4	12.3	0.8'	01 54.9	+36 55	92	SBa			brightest of 3
NGC 429	UGC 762	Galaxy	CET	13.4	12.3	1.4'	01 13.0	-00 21	217	SO			H III 593;NGC 430 group
NGC 2725	UGC 4732	Galaxy	CNC	13.4	12.3	0.7'	09 01.1	+11 06	187	Pec			peculiar
NGC 2729	UGC 4737	Galaxy	HYA	13.4	12.3	0.8'	09 01.5	+03 43	232	SO			
NGC 6036	UGC 10163	Galaxy	SER	13.4	12.3	1.1'	16 04.5	+03 52	245	Sa			P w NGC 6037 at 3' PA 183
NGC 656	UGC 1194	Galaxy	PSC	13.4	12.2	1.5'	01 42.5	+26 09	128	SBO			
NGC 666	UGC 1236	Galaxy	TRI	13.4	12.2	0.7'	01 46.1	+34 22	92	S pec			
NGC 4486B	I Zw 38	Galaxy	VIR	13.4	12.2	0.6'	12 30.5	+12 29	193	Elliptical			NGC 4486 @ 7.3'
NGC 653	UGC 1193	Galaxy	AND	13.4	12.1	1.5'	01 42.4	+35 38	92	Sab			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 354	UGC 645:M	Galaxy	PSC	13.4	12.1	0.8'	01 03.3	+22 21	127	SB/P			Peculiar
NGC 423	ESO 412-11	Galaxy	SCL	13.4	12.1	1'	01 11.4	-29 14	352	Sa			
NGC 6027E	UGC 10116	Galaxy	SER	13.4	12.1	0.8'	15 59.2	+20 46	155	SO			
NGC 264	ESO 295- 6	Galaxy	SCL	13.4	12	1.1'	00 48.3	-38 14	351	SO			
NGC 3442	UGC 6001	Galaxy	LMI	13.4	11.9	0.6'	10 53.1	+33 55	105	Sa			peculiar
UGC 12074	PGC 69126	Galaxy	PEG	13.4	11.7	0.6'	22 33.1	+08 05	212	Pec			compact w loops
NGC 789	UGC 1520	Galaxy	TRI	13.4	11.7	0.6'	02 02.4	+32 04	92	Sd			Peculiar
NGC 819	UGC 1632	Galaxy	TRI	13.4	11.7	0.6'	02 08.6	+29 14	92	S pec			Peculiar
NGC 4646	UGC 7892	Galaxy	UMA	13.4	11.4	0.6'	12 42.9	+54 51	48	SO			NGC 4686 group
NGC 6921	UGC 11570	Galaxy	VUL	13.4	11.4	0.9'	20 28.5	+25 43	163	Sa			sp of 2
PK 6- 4.1	Perek 2-13	Pln Neb	SGR	13.4	8.7	6.9"	18 18.2	-25 38	339			17.3	
PK 3-17.1	Hubble 8	Pln Neb	SGR	13.4	7.4	5.0"	19 05.6	-33 12	379	2		15.7	
NGC 537	NGC 523	Galaxy	AND	13.5	-	2.5'	01 25.3	+34 01	91	Sbc			H III 170
NGC 6941	MCG - 1-52-	Galaxy	AQL	13.5	-	2'	20 36.4	-04 37	254	Sb			
NGC 6945	MCG - 1-52-	Galaxy	AQR	13.5	-	1.6'	20 39.0	-04 58	254	E-SO			
PK 311+ 2.1	He2-102	Pln Neb	CEN	13.5	-	9"	13 58.2	-58 55	430			17.2	
PK 103+ 0.1	M2-51	Pln Neb	CEP	13.5	-	72.0"	22 16.1	+57 29	57	2(3)		20.4	
NGC 113	MCG - 1- 2-	Galaxy	CET	13.5	-	1.4'	00 26.9	-02 30	216	E-SO			
NGC 155	MCG - 2- 2-	Galaxy	CET	13.5	-	1.7'	00 34.7	-10 46	261	SO			
NGC 217	MCG - 2- 2-	Galaxy	CET	13.5	-	2.7'	00 41.6	-10 01	261	Sa			H II 480
NGC 298	MCG - 1- 3-	Galaxy	CET	13.5	-	1.7'	00 55.0	-07 20	262	Sc			
NGC 345	MCG - 1- 3-	Galaxy	CET	13.5	-	1.2'	01 01.4	-06 53	262	Sa			
NGC 349	MCG - 1- 3-	Galaxy	CET	13.5	-	1.2'	01 01.8	-06 48	262	E-SO			
NGC 356	MCG - 1- 3-	Galaxy	CET	13.5	-	1.5'	01 03.1	-06 59	262	Sbc			
NGC 762	MCG - 1- 6-	Galaxy	CET	13.5	-	1.4'	01 57.0	-05 24	219	SBa			H III 464
NGC 790	MCG - 1- 6-	Galaxy	CET	13.5	-	1.4'	02 01.4	-05 22	219	SO			H III 433
PK 229- 2.1	K1-10	Pln Neb	CMA	13.5	-	86"	07 12.5	-16 06	274	3b		21	
NGC 2604A	NGC 2604	Galaxy	CNC	13.5	-	2.1'	08 33.4	+29 32	102	SBc			H III 292;irregular;sev vF objects near
NGC 4095	MCG 4-29-	Galaxy	COM	13.5	-	0.5'	12 05.9	+20 34	148	Elliptical			H III 382
NGC 4898	MCG 5-31-	Galaxy	COM	13.5	-	0.4'	13 00.3	+27 57	149	Ep			near 4889
Abell 1656	Coma I	Gal CL	COM	13.5	-	224'	12 59.8	+27 59	149	2 1 II			Dense GALCL;72 brighter than 15m in 2deg; 106 galaxies
NGC 4187B		Galaxy	CVN	13.5	-	0.3'	12 13.5	+50 45	47	Compac			
NGC 5318	UGC 8751	Galaxy	CVN	13.5	-	1.5'	13 50.6	+33 42	110	SBO			H III 423;NGC 5321 4.7' sf;Brightest in group
PK 80- 6.1	IV Zw 67;CR	Pln Neb	CYG	13.5	-	1.0'	21 02.3	+36 42	121			12.3	Egg Nebula ;protoplanetary?;bipolar; light polarized
NGC 6247	UGC 10572	Galaxy	DRA	13.5	-	1'	16 48.3	+62 59	29	Pec			
NGC 6621	UGC 11175	Galaxy	DRA	13.5	-	1.3'	18 12.9	+68 22	30	SB/P			Double system w loop and bridge
NGC 6622	UGC 11175	Galaxy	DRA	13.5	-	0.9'	18 13.0	+68 21	30	SBc			P w NGC 6621
NGC 6677	UGC 11288	Galaxy	DRA	13.5	-	0.9'	18 33.6	+67 07	30	Sbc			Double system w NGC 6679
NGC 6679	MCG 11-22	Galaxy	DRA	13.5	-	0.2'	18 33.5	+67 09	30	Sc			
NGC 6750	UGC 11389	Galaxy	DRA	13.5	-	1'	19 00.6	+59 10	54	Sc			
NGC 1325A	ESO 548-10	Galaxy	ERI	13.5	-	2.1'	03 24.8	-21 20	311	SBb			
NGC 1577	NGC 1575	Galaxy	ERI	13.5	-	1.5'	04 26.3	-10 06	268	SB/P			
NGC 1681	MCG - 1-13-	Galaxy	ERI	13.5	-	1.3'	04 51.8	-05 48	269	Sb			
NGC 6283	UGC 10652	Galaxy	HER	13.5	-	1.1'	16 59.4	+49 55	80	S Ring			H III 728
NGC 2869	NGC 2863	Galaxy	HYA	13.5	-	1'	09 23.6	-10 26	278	Sm			
NGC 3518	NGC 3110	Galaxy	LEO	13.5	-	1.6'	10 04.0	-06 29	279	Sb			
NGC 2474	UGC 4114	Galaxy	LYN	13.5	-	0.6'	07 58.0	+52 51	43	EO			H III 830;double system w 2475;contact
NGC 2719	UGC 4718	Galaxy	LYN	13.5	-	1.1'	09 00.3	+35 44	103	Irp			high surf brightn;core+loop;diffuse bridge to comp
NGC 2719A	MCG 6-20-	Galaxy	LYN	13.5	-	0.4'	09 00.3	+35 43	103	Irp			
NGC 6745	UGC 11391	Galaxy	LYR	13.5	-	1.3'	19 01.7	+40 45	83	S pec			Triple system disrupted w bridges
PK 332- 4.1	He2- 170	Pln Neb	NOR	13.5	-	5"	16 35.4	-53 50	433			16.4	
NGC 38	MCG - 1- 1-	Galaxy	PSC	13.5	-	1.4'	00 11.8	-05 35	260	Sa			
AND II	PGC 4601	Galaxy	PSC	13.5	-	2.0'	01 16.4	+33 25	91	dE2			Andromeda Dwarf ;Member Local Group
NGC 2564	ESO 562- 1	Galaxy	PUP	13.5	-	1.2'	08 18.5	-21 49	321	E-SO			
NGC 2978	MCG - 1-25-	Galaxy	SEX	13.5	-	1.1'	09 43.3	-09 45	278	Sbc			
NGC 3023	UGC 5269	Galaxy	SEX	13.5	-	3'	09 49.9	+00 37	233	SBc/P			distorted;bridge?
NGC 3035	MCG - 1-25-	Galaxy	SEX	13.5	-	1.7'	09 51.9	-06 49	278	SBbc Ri			
NGC 3110	NGC 3122	Galaxy	SEX	13.5	-	1.6'	10 04.0	-06 29	279	Sb			
NGC 3122	NGC 3110	Galaxy	SEX	13.5	-	1.6'	10 04.0	-06 29	279	Sb			H II 305
PK 9-21.1	K1- 5	Galaxy	SGR	13.5	-	0.2'	19 32.4	-29 24	379	3(6)			Not a PLNNB;has spectrum of galaxy
NGC 6862	ESO 186- 2	Galaxy	TEL	13.5	-	1.6'	20 08.9	-56 24	436	SBbc			
NGC 953	UGC 1991	Galaxy	TRI	13.5	-	1.5'	02 31.2	+29 35	93	Elliptical			
NGC 2810A	NGC 2810	Galaxy	UMA	13.5	-	1.7'	09 22.1	+71 51	23	E0			H III 749
NGC 3482	ESO 264-56	Galaxy	VEL	13.5	-	1.9'	10 58.6	-46 35	400	SBa			
NGC 4182	NGC 4180	Galaxy	VIR	13.5	-	1.5'	12 13.1	+07 02	193	Sab			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4796	NPM1G +08	Galaxy	VIR	13.5	-	0.4'	12 55.1	+08 04	194	Compac			NGC 4791 @ 4.8'
NGC 5650	NGC 5652	Galaxy	VIR	13.5	-	2'	14 31.0	+05 59	197	SBc			
NGC 5865	NGC 5868	Galaxy	VIR	13.5	-	1.1'	15 09.8	+00 32	243	E-SO			H II 684;P w NGC 5868 at 3.6' PA 0
UGC 3826	PGC 20927	Galaxy	CAM	13.5	15.9	3.5'	07 24.5	+61 42	21	S(B)d			
UGC 5829	PGC 31923	Galaxy	LMI	13.5	15.4	4.6'	10 42.6	+34 27	105	Ir+			
IC 3576	UGC 7781	Galaxy	VIR	13.5	15	2.3'	12 36.6	+06 37	194	S			Member of Virgo group of galaxies
NGC 3161	MCG 7-21-	Galaxy	LMI	13.5	14.8	0.4'	10 14.0	+38 39	104	Elliptical			
UGC 6161	PGC 33625	Galaxy	UMA	13.5	14.6	2.6'	11 06.8	+43 44	73	SBdm			vF companion 3' east
UGC 7332	PGC 39474	Galaxy	VIR	13.5	14.6	2.3'	12 18.0	+00 26	238	Ir+			
UGC 9912	PGC 55506	Galaxy	SER	13.5	14.5	1.7'	15 35.1	+16 33	199	SBdm			
NGC 4284	UGC 7393	Galaxy	UMA	13.5	14.5	2.5'	12 20.2	+58 06	47	Sbc			H III 798;P w NGC 4290
UGC 1551	PGC 7841	Galaxy	ARI	13.5	14.4	2.8'	02 03.6	+24 04	129	SBdm			faint comp 3.1' PA 155
NGC 5693	UGC 9406	Galaxy	BOO	13.5	14.4	1.8'	14 36.2	+48 35	77	SBcd Ri			one main knotty arm;strong asym; NGC 5689 at 11'
UGC 10020	PGC 55973	Galaxy	SER	13.5	14.4	2.3'	15 45.8	+20 35	155	Sd			Faint * near nucleus
UGC 8153	PGC 45071	Galaxy	VIR	13.5	14.4	1.6'	13 03.1	+04 00	239	Sd			
UGC 4260	PGC 22955	Galaxy	LYN	13.5	14.3	1.7'	08 11.2	+46 28	69	Ir-			
NGC 5169	UGC 8465	Galaxy	CVN	13.5	14.2	2.1'	13 28.2	+46 40	76	SBbc			P w NGC 5173 at 5'
NGC 539	NGC 563	Galaxy	CET	13.5	14.1	1.6'	01 25.4	-18 10	308	SBc			
NGC 4562	NGC 4565A	Galaxy	COM	13.5	14.1	2.4'	12 35.6	+25 51	149	SBcd			
NGC 4860	MCG 5-31-	Galaxy	COM	13.5	14.1	0.9'	12 59.1	+28 07	108	Elliptical			
NGC 6916	UGC 11554	Galaxy	CYG	13.5	14.1	1.8'	20 23.6	+58 21	55	SBbc			
NGC 4034	UGC 7006	Galaxy	DRA	13.5	14.1	1.7'	12 01.5	+69 19	25	Sc			H III 903
NGC 4363	ZWG 352.32	Galaxy	DRA	13.5	14.1	1.5'	12 23.5	+74 57	9	Sb			H III 938
NGC 2938	UGC 5115	Galaxy	DRA	13.5	14	1.8'	09 38.4	+76 19	8	SBc			H III 963?
NGC 7819	UGC 26	Galaxy	PEG	13.5	14	1.5'	00 04.4	+31 28	89	SBb			
UGC 9057	PGC 50587	Galaxy	VIR	13.5	14	3'	14 10.2	-02 34	242	SBdm			
NGC 70	UGC 174.10	Galaxy	AND	13.5	13.9	1.6'	00 18.4	+30 05	89	Sbc			In compact group w NGC 68 and 71
NGC 721	UGC 1376	Galaxy	AND	13.5	13.9	1.7'	01 54.8	+39 23	61	SBbc			
NGC 7440	UGC 12276	Galaxy	AND	13.5	13.9	1.4'	22 58.5	+35 48	123	SBa			
NGC 6949	UGC 11600	Galaxy	CEP	13.5	13.9	1.4'	20 35.1	+64 48	32	S Ring			
NGC 7139	PK 104+7.1	Pln Neb	CEP	13.5	13.9	86"	21 46.1	+63 48	33	3b	18.1		H III 696
NGC 7808	MCG -2-1-	Galaxy	CET	13.5	13.9	1.3'	00 03.5	-10 45	260	SO			
NGC 2744	UGC 4757	Galaxy	CNC	13.5	13.9	1.6'	09 04.7	+18 28	142	SBb/P			double;bright complex center;2 main smooth arms
NGC 4728	NGC 4728A	Galaxy	COM	13.5	13.9	0.8'	12 50.5	+27 26	149	Elliptical			
NGC 3961	UGC 6885	Galaxy	DRA	13.5	13.9	1.3'	11 55.0	+69 20	25	SBa			H III 905
NGC 7228	UGC 11945	Galaxy	LAC	13.5	13.9	1.3'	22 11.8	+38 42	122	SBa			
NGC 7731	UGC 12737	Galaxy	PSC	13.5	13.9	1.4'	23 41.5	+03 44	259	SBa			
IC 156	UGC 1231	Galaxy	PSC	13.5	13.9	1.5'	01 45.5	+10 33	173	S pec			
NGC 1463	ESO 117-9	Galaxy	RET	13.5	13.9	1.3'	03 46.3	-59 49	420	Sa Ring			
NGC 732	UGC 1406	Galaxy	AND	13.5	13.8	1.4'	01 56.5	+36 48	92	SO			
UGC 9242	MCG +07-30	Galaxy	BOO	13.5	13.8	5'	14 25.3	+39 32	77	Sc			many knots
NGC 2813	UGC 4916	Galaxy	CNC	13.5	13.8	1.3'	09 17.8	+19 54	142	SO			sf of 2;NGC 2809 group
NGC 6028	NGC 6046	Galaxy	HER	13.5	13.8	1.3'	16 01.5	+19 22	155	Sa Ring			
NGC 619	ESO 353-21	Galaxy	SCL	13.5	13.8	1.5'	01 34.9	-36 29	352	SBb			
UGC 6667	PGC 36343	Galaxy	UMA	13.5	13.8	3.4'	11 42.4	+51 36	47	Sc			
NGC 6011	UGC 10047	Galaxy	UMI	13.5	13.8	2'	15 46.5	+72 10	28	Sb			H III 313
IC 3259	UGC 7469	Galaxy	VIR	13.5	13.8	1.7'	12 23.8	+07 11	193	SBd			Low surface brightness
NGC 6922	UGC 11574	Galaxy	AQL	13.5	13.7	1.3'	20 29.9	-02 12	253	Sc			
NGC 4696E	ESO 322-90	Galaxy	CEN	13.5	13.7	1.5'	12 48.4	-40 56	402	SBO			
UGC 2119	PGC 9973	Galaxy	CET	13.5	13.7	2'	02 37.9	-01 51	220	SBb			
NGC 6311	UGC 10741	Galaxy	HER	13.5	13.7	1.1'	17 10.7	+41 39	80	Elliptical			Triple interacting system
NGC 3984	NGC 3971	Galaxy	UMA	13.5	13.7	1.4'	11 55.6	+30 00	107	SO			
NGC 39	UGC 114	Galaxy	AND	13.5	13.6	1.1'	00 12.3	+31 04	89	Sc			H III 861
NGC 4603A	ESO 322-44	Galaxy	CEN	13.5	13.6	1.9'	12 39.6	-40 44	402	SBc			
NGC 6038	UGC 10149	Galaxy	CRB	13.5	13.6	1.1'	16 02.7	+37 22	113	Sc			H III 622
NGC 3197	UGC 5500	Galaxy	DRA	13.5	13.6	1.3'	10 14.5	+77 49	8	Sbc			H III 966
NGC 3252	UGC 5732	Galaxy	DRA	13.5	13.6	1.9'	10 34.4	+73 46	8	Scp			H III 316;comps 4';PA266;0.2'x0.15';5' ;PA285;0.6'x0.4'
NGC 3465	UGC 6056	Galaxy	DRA	13.5	13.6	1.2'	10 59.5	+75 11	8	Sab			NGC 3523 group
NGC 6292	UGC 10684	Galaxy	DRA	13.5	13.6	1.6'	17 03.1	+61 03	29	Sbc			
NGC 3204	UGC 5580	Galaxy	LEO	13.5	13.6	1.3'	10 20.2	+27 49	144	SBb			comps @ 2.8';PA122;0.3'x0.2';4.2';PA161;0.35'x0.15'
NGC 3012	UGC 5262	Galaxy	LMI	13.5	13.6	1.1'	09 49.9	+34 43	104	Elliptical			compact
NGC 557	IC 1703	Galaxy	CET	13.5	13.5	1.4'	01 26.4	-01 38	218	SBO-a			
NGC 2540	UGC 4275	Galaxy	CNC	13.5	13.5	1.3'	08 12.8	+26 22	140	SBc			
NGC 7729	UGC 12730	Galaxy	PEG	13.5	13.5	1.8'	23 40.6	+29 11	89	SBa			
NGC 236	UGC 462	Galaxy	PSC	13.5	13.5	1.2'	00 43.5	+02 57	216	Sc			brightest of 3

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 415	ESO 352-14	Galaxy	SCL	13.5	13.5	1.5'	01 10.1	-35 29	352	SBb			
NGC 4165	IC 3035;UGC	Galaxy	VIR	13.5	13.5	1.2'	12 12.2	+13 15	193	SBab Ri			
NGC 5737	UGC 9488	Galaxy	BOO	13.5	13.4	1.3'	14 43.2	+18 53	153	SBb			H III 896
NGC 4931	UGC 8154	Galaxy	COM	13.5	13.4	1.6'	13 03.0	+28 02	109	SO			
NGC 1506	ESO 156-27	Galaxy	DOR	13.5	13.4	1.2'	04 00.4	-52 34	420	E-SO			
NGC 6182	UGC 10424	Galaxy	DRA	13.5	13.4	1.7'	16 29.6	+55 31	51	Sa			H III 813
NGC 6290	UGC 10665	Galaxy	DRA	13.5	13.4	1.1'	17 00.9	+58 58	52	SBa			Brightest of 3
NGC 6032	UGC 10148	Galaxy	HER	13.5	13.4	1.6'	16 03.0	+20 57	155	SBb			P w NGC 6035 6' PA 127
NGC 6034	MCG 3-41-	Galaxy	HER	13.5	13.4	1'	16 03.5	+17 12	155	Elliptical			
NGC 6047	MCG 3-41-	Galaxy	HER	13.5	13.4	1.1'	16 05.2	+17 44	155	EO			
NGC 3570	UGC 6240	Galaxy	LEO	13.5	13.4	1'	11 12.1	+27 35	146	SO			
NGC 3934	UGC 6841	Galaxy	LEO	13.5	13.4	1.1'	11 52.2	+16 51	192	Sb			NGC 3933 at 3.5';PA224;comp 1.7';PA356;0.4'X0.4'
NGC 3833	UGC 6692	Galaxy	VIR	13.5	13.4	1.4'	11 43.5	+10 10	192	Sc			H III 102
NGC 72	UGC 176;V	Galaxy	AND	13.5	13.3	1.1'	00 18.5	+30 02	89	SBab			In compact group
NGC 683	UGC 1288	Galaxy	ARI	13.5	13.3	1'	01 49.8	+11 42	173	S pec			spp of 2
NGC 5732	UGC 9467	Galaxy	BOO	13.5	13.3	1.4'	14 40.6	+38 38	111	Sbc			H III 686
NGC 4601	ESO 322-50	Galaxy	CEN	13.5	13.3	1.7'	12 40.8	-40 54	402	SBO-a			
NGC 1019	UGC 2132	Galaxy	CET	13.5	13.3	1'	02 38.5	+01 54	220	SBbc			in dense part of cluster
NGC 1080	MCG - 1- 8-	Galaxy	CET	13.5	13.3	1.1'	02 45.2	-04 43	220	SBc			
NGC 4121	MCG 11-15-	Galaxy	DRA	13.5	13.3	0.4'	12 07.9	+65 07	25	Elliptical			
NGC 6285	MCG 10-24-	Galaxy	DRA	13.5	13.3	1.2'	16 58.4	+58 57	52	Sa			
NGC 6497	NGC 6498	Galaxy	DRA	13.5	13.3	1.4'	17 51.3	+59 28	53	SBb			
NGC 3213	UGC 5590	Galaxy	LEO	13.5	13.3	1'	10 21.3	+19 39	144	Sbc			
NGC 1739	ESO 552-50	Galaxy	LEP	13.5	13.3	1.4'	05 01.8	-18 10	314	Sbc			
NGC 3118	UGC 5452	Galaxy	LMI	13.5	13.3	2.5'	10 07.2	+33 02	104	Sbc			
NGC 7343	UGC 12129	Galaxy	PEG	13.5	13.3	1'	22 38.6	+34 04	123	SBbc			
NGC 240	UGC 473	Galaxy	PSC	13.5	13.3	1'	00 45.0	+06 07	171	Sa Ring			eF outer disk
NGC 549		Galaxy	SCL	13.5	13.3	0.5'	01 25.1	-38 00	352	Compac			
NGC 4247	Ho 359c	Galaxy	VIR	13.5	13.3	0.8'	12 18.0	+07 16	193	SBab/P			
NGC 5270	UGC 8673	Galaxy	VIR	13.5	13.3	1.1'	13 42.2	+04 16	241	SBb			pec;double system?
NGC 260	UGC 497	Galaxy	AND	13.5	13.2	0.8'	00 48.6	+27 41	127	Scp			NGC 252 group
NGC 6073	UGC 10235	Galaxy	HER	13.5	13.2	1.3'	16 10.2	+16 42	200	Sc			H III 74
NGC 6149	UGC 10391	Galaxy	HER	13.5	13.2	1.1'	16 27.4	+19 36	156	SO			
NGC 3454	UGC 6026	Galaxy	LEO	13.5	13.2	1.8'	10 54.5	+17 21	145	SBc			P w NGC 3455 at 3.7';PA175
NGC 6640	UGC 11247	Galaxy	LYR	13.5	13.2	1.1'	18 28.1	+34 18	117	Sc			
NGC 7147	MCG 0-55-	Galaxy	PEG	13.5	13.2	1'	21 52.0	+03 04	256	SBO-a			
NGC 7806	UGC 12911	Galaxy	PEG	13.5	13.2	1.1'	00 01.5	+31 26	89	SB/P			H III 856;disturbed PA20;contact w NGC 7805
NGC 805	UGC 1566	Galaxy	TRI	13.5	13.2	1.1'	02 04.5	+28 49	92	SBO			
UGC 2105	Mrk 1050	Galaxy	TRI	13.5	13.2	1.5'	02 37.7	+34 26	93	SBa			Supernova 1938A here
NGC 5819	NGC 5808	Galaxy	UMI	13.5	13.2	0.9'	14 54.0	+73 08	10	SBbc			H III 311;comp 3.2';PA130;0.6X0.3;UGC 9609
NGC 4029	UGC 6990	Galaxy	VIR	13.5	13.2	1.2'	12 00.1	+08 11	193	SBb			comp @ 0.9'
NGC 4423	UGC 7556	Galaxy	VIR	13.5	13.2	2.3'	12 27.2	+05 53	193	Sd			H III 145
NGC 4576	UGC 7792	Galaxy	VIR	13.5	13.2	1.2'	12 37.6	+04 22	239	SBbc			
NGC 4734	UGC 7998	Galaxy	VIR	13.5	13.2	1'	12 51.2	+04 51	239	Sc			
NGC 5501	MCG 0-36-	Galaxy	VIR	13.5	13.2	1.1'	14 12.3	+01 16	242	Sa			
NGC 999	IC 240	Galaxy	AND	13.5	13.1	0.9'	02 38.8	+41 40	62	SBa			
NGC 5536	UGC 9136	Galaxy	BOO	13.5	13.1	0.9'	14 16.4	+39 30	77	SBa			one-armed spiral w massive bar;P w NGC 5541 at 5.5'
NGC 5758	UGC 9524	Galaxy	BOO	13.5	13.1	1.1'	14 47.0	+13 40	198	E-SO			comp 15mag;npf of 2
NGC 1585	ESO 303-18	Galaxy	CAE	13.5	13.1	1.2'	04 27.6	-42 10	392	Sc			
NGC 2596	UGC 4419	Galaxy	CNC	13.5	13.1	1.5'	08 27.4	+17 17	141	Sb			
NGC 4101	UGC 7093	Galaxy	COM	13.5	13.1	1'	12 06.2	+25 33	148	Sa			H III 326
NGC 4120	UGC 7121	Galaxy	DRA	13.5	13.1	1.7'	12 08.5	+69 33	25	Scp			H III 904
NGC 6454	MCG 9-29-	Galaxy	DRA	13.5	13.1	1'	17 44.9	+55 42	53	S			
NGC 6035	UGC 10154	Galaxy	HER	13.5	13.1	0.9'	16 03.4	+20 53	155	SBc			
NGC 6224	UGC 10555	Galaxy	HER	13.5	13.1	0.9'	16 48.3	+06 19	202	E-SO			P w NGC 6225 at 5' PA 173
NGC 6490	UGC 11033	Galaxy	HER	13.5	13.1	1'	17 54.5	+18 23	159	E-SO			P w NGC 6495 at 6' PA 121
NGC 7227	UGC 11942	Galaxy	LAC	13.5	13.1	1.3'	22 11.5	+38 43	122	SO			
NGC 6695	UGC 11340	Galaxy	LYR	13.5	13.1	1.1'	18 42.7	+40 22	82	SBb			
NGC 1633	UGC 3125	Galaxy	TAU	13.5	13.1	1'	04 40.2	+07 21	179	SBab			H III 952;P w N1634
NGC 761	UGC 1439	Galaxy	TRI	13.5	13.1	1.4'	01 57.8	+33 23	92	SBab			
NGC 5522	UGC 9116	Galaxy	BOO	13.5	13	1.8'	14 14.8	+15 09	197	Sb			H III 644
NGC 5773	UGC 9571	Galaxy	BOO	13.5	13	0.8'	14 52.5	+29 48	111	Sa			H III 130;Main body 0.4'X0.4';P w NGC 5771
NGC 1658	ESO 304-16	Galaxy	CAE	13.5	13	1.5'	04 44.0	-41 28	392	Sbc			
NGC 232	ESO 474-15	Galaxy	CET	13.5	13	0.9'	00 42.8	-23 34	306	SBa			
NGC 808	ESO 478- 1	Galaxy	CET	13.5	13	1.2'	02 03.9	-23 19	309	SBbc Ri			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1811	ESO 422-37	Galaxy	COL	13.5	13	1.7'	05 08.7	-29 17	358	Sa			
NGC 4226	UGC 7297	Galaxy	CVN	13.5	13	1'	12 16.4	+47 02	74	Sap			Disturbed?;NGC 4226 @ 7.3'
NGC 4846	UGC 8079	Galaxy	CVN	13.5	13	1.3'	12 57.8	+36 22	108	SBbc			
NGC 5131	UGC 8422	Galaxy	CVN	13.5	13	2.1'	13 24.0	+30 59	109	Sa			
NGC 5267	UGC 8655	Galaxy	CVN	13.5	13	1.4'	13 40.7	+38 48	110	SBb			
NGC 2963	UGC 5222	Galaxy	DRA	13.5	13	1.2'	09 47.8	+72 58	8	SBab			H III 315;P w NGC 2957
NGC 6130	UGC 10347	Galaxy	DRA	13.5	13	1'	16 19.6	+57 37	51	SBbc			
NGC 6918	ESO 234-40	Galaxy	IND	13.5	13	0.9'	20 30.8	-47 28	412	SB0-a			
NGC 3670	UGC 6427	Galaxy	LEO	13.5	13	1.1'	11 24.8	+23 57	146	SBO-a			H III 337
NGC 3772	UGC 6598	Galaxy	LEO	13.5	13	1.1'	11 37.8	+22 41	147	SBa			H II 352
NGC 89	ESO 194-11	Galaxy	PHE	13.5	13	1.2'	00 21.4	-48 40	386	SBO-a			
NGC 5926	MCG 2-39-	Galaxy	SER	13.5	13	0.9'	15 23.4	+12 43	199	S pec			
NGC 798	UGC 1539	Galaxy	TRI	13.5	13	1.2'	02 03.3	+32 05	92	Elliptical			
NGC 845	UGC 1695	Galaxy	AND	13.5	12.9	1.7'	02 12.3	+37 29	92	Sb			H III 604
NGC 7189	UGC 11882	Galaxy	AQR	13.5	12.9	1'	22 03.3	+00 34	256	SBb			
NGC 5852	MCG 2-38-	Galaxy	BOO	13.5	12.9	1.1'	15 06.9	+12 51	198	S			H III 887
NGC 851	UGC 1680	Galaxy	CET	13.5	12.9	1'	02 11.2	+03 47	219	Sa			
NGC 4749	UGC 8006	Galaxy	DRA	13.5	12.9	1.7'	12 51.2	+71 38	26	Sb			H III 907
NGC 2940	MCG 2-25-	Galaxy	LEO	13.5	12.9	0.9'	09 38.1	+09 37	188	SO			
NGC 3306	UGC 5774	Galaxy	LEO	13.5	12.9	1.4'	10 37.2	+12 39	190	SB			brightest in group
NGC 566	UGC 1058	Galaxy	PSC	13.5	12.9	1.6'	01 29.0	+32 20	91	SO			
NGC 7802	UGC 12902	Galaxy	PSC	13.5	12.9	1.1'	00 01.0	+06 14	170	SO			
NGC 1541	UGC 3001	Galaxy	TAU	13.5	12.9	1.3'	04 17.0	+00 50	223	Sa			
NGC 4075	MCG 0-31-	Galaxy	VIR	13.5	12.9	1.2'	12 04.6	+02 04	238	Sa			
NGC 7220	ESO 532-28	Galaxy	AQR	13.5	12.8	0.9'	22 11.5	-22 57	347	SBO			
NGC 2379	UGC 3857	Galaxy	GEM	13.5	12.8	0.8'	07 27.4	+33 49	100	SO			very compact;NGC 2389 group
NGC 365	ESO 352- 1	Galaxy	SCL	13.5	12.8	1'	01 04.3	-35 07	352	SBbc			
NGC 5323	UGC 8719	Galaxy	UMI	13.5	12.8	1.4'	13 45.6	+76 50	10	Sab			H II 899;compact; sev F galaxies nearby
NGC 4466	Ho 412a	Galaxy	VIR	13.5	12.8	1.1'	12 29.5	+07 42	193	Sab			Ho 412b @ 2.1' is a *
NGC 112	UGC 255	Galaxy	AND	13.5	12.7	1'	00 26.8	+31 42	90	Sc			
NGC 5499	UGC 9074	Galaxy	BOO	13.5	12.7	0.9'	14 10.8	+35 55	110	Sa			
NGC 4661	NGC 4650B	Galaxy	CEN	13.5	12.7	1.2'	12 45.2	-40 50	402	E-SO			
NGC 4509	UGC 7704	Galaxy	CVN	13.5	12.7	0.8'	12 33.1	+32 06	108	Sab pec			sf of 2
NGC 6244	UGC 10568	Galaxy	DRA	13.5	12.7	1.6'	16 48.1	+62 12	29	SBa			NGC 6238 at 6'
NGC 7204	ESO 467- 8	Galaxy	PSA	13.5	12.7	1.3'	22 06.9	-31 03	383	Sa			
NGC 3009	UGC 5264	Galaxy	UMA	13.5	12.7	0.8'	09 50.2	+44 18	71	Sc			NGC 2998 at 20 sp
NGC 4587	UGC 7805	Galaxy	VIR	13.5	12.7	1.1'	12 38.6	+02 39	239	SO			
NGC 5019	UGC 8288	Galaxy	VIR	13.5	12.7	0.8'	13 12.7	+04 44	240	SB/P			H III 545;Many blue patches along the arms
NGC 5562	UGC 9174	Galaxy	BOO	13.5	12.6	0.7'	14 20.2	+10 16	197	S			
NGC 5672	UGC 9354	Galaxy	BOO	13.5	12.6	0.8'	14 32.6	+31 40	111	Sb			H III 310;appears acircular;dif in blue;v red
NGC 565	UGC 1052	Galaxy	CET	13.5	12.6	1.3'	01 28.2	-01 18	218	Sa			
NGC 7322	NGC 7334	Galaxy	GRU	13.5	12.6	0.9'	22 37.9	-37 14	384	Sa			
NGC 3535	UGC 6189	Galaxy	LEO	13.5	12.6	1.1'	11 08.6	+04 50	236	Sa			H III 111
NGC 3716	UGC 6513	Galaxy	LEO	13.5	12.6	0.7'	11 31.7	+03 29	237	SO			
NGC 7568	UGC 12469	Galaxy	PEG	13.5	12.6	0.9'	23 16.4	+24 30	169	S pec			
UGC 4749	PGC 25473	Galaxy	UMA	13.5	12.6	0.9'	09 04.5	+51 37	44	S			
NGC 5342	UGC 8776	Galaxy	UMA	13.5	12.5	1.1'	13 51.4	+59 52	49	SO			H III 849
NGC 320	ESO 541- 3	Galaxy	CET	13.5	12.4	0.8'	00 58.8	-20 50	307	SBO-a F			
NGC 2731	UGC 4741	Galaxy	CNC	13.5	12.4	0.8'	09 02.1	+08 18	187	Sc			several filamentary knotty arms;sharp outline
NGC 5225	UGC 8540	Galaxy	CVN	13.5	12.4	0.7'	13 33.3	+51 29	49	S			H III 822
NGC 1277	MCG 7- 7-	Galaxy	PER	13.5	12.3	0.8'	03 19.9	+41 34	63	Sa			in Perseus Cl
NGC 78B	NGC 78-2	Galaxy	PSC	13.5	12.3	0.7'	00 20.5	+00 50	216	SO			Compact
UGC 3697	PGC 20348	Galaxy	CAM	13.5	12.2	3.5'	07 11.4	+71 50	21	Sbp			Integral sign galaxy ;disturbed
NGC 1449	MCG - 1-10-	Galaxy	ERI	13.5	12.2	0.8'	03 46.1	-04 08	222	SO			
NGC 3843	UGC 6699	Galaxy	VIR	13.5	12.2	0.9'	11 43.9	+07 56	192	Sa			
NGC 4622A	ESO 322-64	Galaxy	CEN	13.5	12.1	0.6'	12 43.8	-40 43	402	E-SO Be			
NGC 3441	UGC 5993	Galaxy	LEO	13.5	12	0.7'	10 52.5	+07 13	190	Sc			
NGC 7767	IC 1511	Galaxy	PEG	13.5	11.6	1'	23 50.9	+27 05	125	Sa			UGC 12805
PK 212+ 4.1	M1- 9	Pln Neb	MON	13.5	9.9	12.0"	07 05.3	+02 47	228	1		15.6	
PK 16- 4.2	M1-56	Pln Neb	SGR	13.5	9.5	10"	18 37.8	-17 05	340	1		16.2	
PK 22- 2.1	M1-57	Pln Neb	SCT	13.5	9.3	9.3"	18 40.4	-10 40	295	2		16.3	
IC 4637	PK 345+0.1	Pln Neb	SCO	13.5	9.2	21"	17 05.2	-40 53	407	3		12.7	
PK 359- 1.1	M1-29	Pln Neb	SCO	13.5	9.1	9.3"	17 50.3	-30 35	377	4(2)			
NGC 2792	PK 265+4.1	Pln Neb	VEL	13.5	8.5	13"	09 12.4	-42 26	398	4		16.9	
PK 228+ 5.1	M1-17	Pln Neb	PUP	13.5	7	3"	07 40.4	-11 33	274			18.5	

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
PK 275- 4.2	He2- 21	Pln Neb	VEL	13.5	6.5	2.0"	09 13.9	-55 28	425				
PK 38- 3.3	K2-11	Pln Neb	AQL	13.6	-	13"	19 14.3	+03 35	251	3b		19.4	
NGC 5785	NGC 5783	Galaxy	BOO	13.6	-	2.9'	14 53.5	+52 05	50	SBc			
Pal 1		Opn CL	CEP	13.6	-	2.8'	03 33.3	+79 35	5			16.3	Palomar 1 is open cluster-Ortolani&Rosino 1985
NGC 73	MCG - 3- 1-	Galaxy	CET	13.6	-	1.7'	00 18.6	-15 19	261	Sbc			
NGC 1006	NGC 1010	Galaxy	CET	13.6	-	0.9'	02 37.6	-11 02	265	Sc			
NGC 4295	MCG 5-29-	Galaxy	COM	13.6	-	0.6'	12 21.2	+28 10	108	SO			
NGC 4962	NGC 4952	Galaxy	COM	13.6	-	1.3'	13 05.0	+29 07	109	Elliptical			H III 303
NGC 5032A	NGC 5032	Galaxy	COM	13.6	-	2.1'	13 13.5	+27 48	150	SBb			H III 367
NGC 1853	ESO 158-22	Galaxy	DOR	13.6	-	2'	05 12.3	-57 24	421	SBcd			
NGC 7400	ESO 290-22	Galaxy	GRU	13.6	-	2.7'	22 54.3	-45 21	415	Sbc			
PK 52+ 7.1	K4-10	Pln Neb	HER	13.6	-	30.0"	18 59.1	+20 37	161				Stellar
UGC 10200	PGC 57098	Galaxy	HER	13.6	-	0.7'	16 05.7	+41 21	79	Pec			North of 2;disturbed?;very diffuse
NGC 1096	ESO 115-28	Galaxy	HOR	13.6	-	1.9'	02 43.8	-59 55	419	SBbc Ri			
PK 329+ 2.1	Shapley 1	Pln Neb	NOR	13.6	-	76"	15 51.7	-51 31	432	4		13.9	Fine annular shape
PK 358+ 3.1	M3-10	Pln Neb	OPH	13.6	-	3.5"	17 28.7	-28 27	376	2			same as PK358+ 3.3
NGC 323	ESO 151- 9	Galaxy	PHE	13.6	-	1'	00 56.7	-52 59	417	E			
NGC 3050	NGC 2979	Galaxy	SEX	13.6	-	1.5'	09 43.1	-10 23	278	Sa			
NGC 3339	NGC 3340	Star	SEX	13.6	-		10 42.2	-00 22	235				* 2.1 WNW of NGC 3340
PK 6+ 2.5	M1-31	Pln Neb	SGR	13.6	-	7.0"	17 52.7	-22 22	339	1		19	
PK 9- 9.1	M3-32	Pln Neb	SGR	13.6	-	6.6"	18 44.7	-25 20	340	2		17.1	
PK 359- 0.1	Hubble 5	Pln Neb	SGR	13.6	-	19"	17 47.9	-30 00	377	2(6)		18.6	
NGC 6812	ESO 185-15	Galaxy	TEL	13.6	-	1.6'	19 45.4	-55 21	436	SO			
NGC 466	ESO 113-34	Galaxy	TUC	13.6	-	1.7'	01 17.2	-58 55	417	Sa			
NGC 5278	UGC 8677	Galaxy	UMA	13.6	-	0.8'	13 41.7	+55 40	49	SB/P			pair of blue dbl intercon Sc's w cross-jets;Arp 239
PK 66- 5.1	Peimbert 24	Pln Neb	VUL	13.6	-	5"	20 19.6	+27 00	163				
PK 217+14.	Abell 24	Pln Neb	CMI	13.6	17.8	6.0"	07 51.7	+03 00	230	4(3)		17.5	
NGC 4789A	UGC 8024	Galaxy	COM	13.6	15.5	3.1'	12 54.1	+27 09	149	Ir Bar			P w NGC 4789 @ 5 '
NGC 3377A	UGC 5889	Galaxy	LEO	13.6	15.2	2'	10 47.4	+14 04	190	SB			dwarf spiral
NGC 3159	MCG 7-21-	Galaxy	LMI	13.6	15.2	1'	10 13.9	+38 39	104	E2p			
Arp 2		Glob CL	SGR	13.6	15.1	2.3'	19 28.8	-30 21	379			15.5	
NGC 4025	UGC 6982	Galaxy	UMA	13.6	15	2.8'	11 59.2	+37 48	107	SBc			H III 617
NGC 2724	UGC 4726	Galaxy	LYN	13.6	14.6	1.8'	09 01.0	+35 46	103	SBc			
UGC 8385	PGC 46563	Galaxy	VIR	13.6	14.6	2.5'	13 20.7	+09 47	195	S(B)+			
NGC 5579	UGC 9180	Galaxy	BOO	13.6	14.5	1.9'	14 20.4	+35 11	111	Sc			Arp 69;asym 3-armed spir;one arm broken;
NGC 5403	UGC 8919	Galaxy	CVN	13.6	14.5	3.1'	13 59.8	+38 11	110	SBb			H III 683;strong slightly asym abs feature;sp of 2
NGC 7232B	ESO 289- 9	Galaxy	GRU	13.6	14.5	1.6'	22 15.9	-45 47	414	SB			
UGC 11152	PGC 61558	Galaxy	HER	13.6	14.4	2.5'	18 12.5	+18 36	159	SBdm			south precd of 2
NGC 22	UGC 80	Galaxy	PEG	13.6	14.3	1.7'	00 09.8	+27 50	125	Sb			comp@ 3.3' PA 347 0.4X0.25
NGC 4932	UGC 8150	Galaxy	CVN	13.6	14.2	1.5'	13 02.6	+50 26	48	Sc			H III 818
NGC 6177	UGC 10428	Galaxy	HER	13.6	14.2	1.7'	16 30.6	+35 03	114	SBb			H III 890;P w NGC 6179 at 3' PA 31
NGC 6902B	ESO 285- 5	Galaxy	SGR	13.6	14.2	1.5'	20 23.1	-43 52	411	SB Ring			
UGC 3975	PGC 21698	Galaxy	CAM	13.6	14.1	1.4'	07 44.8	+72 48	7	SBdm			
NGC 4961	NGC 4960	Galaxy	COM	13.6	14.1	1.6'	13 05.8	+27 44	150	SBc			H II 398;P w NGC 4957 @ 12.5'
NGC 6955	UGC 11621	Galaxy	DEL	13.6	14.1	1.4'	20 44.3	+02 36	254	Sbc			
NGC 3806	UGC 6641	Galaxy	LEO	13.6	14.1	1.4'	11 40.8	+17 48	147	SBb			NGC 3801 at 8.1';PA240
NGC 99	UGC 230	Galaxy	PSC	13.6	14.1	1.4'	00 24.0	+15 46	171	Scp			Disturbed
NGC 4475	UGC 7632	Galaxy	COM	13.6	14	1.7'	12 29.8	+27 15	148	SBbc Ri			H III 362
NGC 5305	UGC 8729	Galaxy	CVN	13.6	14	1.5'	13 47.9	+37 50	110	SBb			H III 621;P w UGC 8724
NGC 7647	UGC 12576	Galaxy	PEG	13.6	14	1.4'	23 24.0	+16 47	214	Elliptical			H III 473;UGC 12576
NGC 571	UGC 1069	Galaxy	PSC	13.6	14	1.3'	01 29.9	+32 30	91	S pec			
IC 783	UGC 7415	Galaxy	COM	13.6	13.9	1.3'	12 21.6	+15 45	193	SBO-a			
NGC 2321	UGC 3663	Galaxy	LYN	13.6	13.9	1.4'	07 06.0	+50 45	42	SBa			
NGC 2641	UGC 4577	Galaxy	UMA	13.6	13.9	1.3'	08 48.0	+72 54	7	SO			H III 983;compact
NGC 5011A	ESO 269-63	Galaxy	CEN	13.6	13.8	1.6'	13 12.2	-43 19	403	SB Ring			
NGC 2530	UGC 4237	Galaxy	CNC	13.6	13.8	1.4'	08 07.9	+17 49	140	SBcd			H III 752
NGC 6373	UGC 10850	Galaxy	DRA	13.6	13.8	1.3'	17 24.1	+59 00	52	SBc			
NGC 2375	UGC 3854	Galaxy	GEM	13.6	13.8	1.3'	07 27.2	+33 50	100	SBb			NGC 2389 group
NGC 3253	UGC 5674	Galaxy	LEO	13.6	13.8	1.2'	10 28.5	+12 42	190	SBbc			comp 2.1';PA 229;0.6'X0.1'
NGC 7317	MCG 6-49-	Galaxy	PEG	13.6	13.8	0.7'	22 35.9	+33 57	123	Elliptical			stephan's quintet
NGC 48	UGC 133	Galaxy	AND	13.6	13.7	1.6'	00 14.0	+48 14	59	SBbc			
UGC 7257	PGC 39150	Galaxy	CVN	13.6	13.7	1.7'	12 15.0	+35 57	107	Sm			south following of 2 w 0.6' sep
NGC 2981	UGC 5208	Galaxy	LEO	13.6	13.7	1.2'	09 44.9	+31 06	104	SBbc Ri			
NGC 7735	UGC 12744	Galaxy	PEG	13.6	13.7	1.3'	23 42.3	+26 14	169	Elliptical			
NGC 3759A	UGC 6582	Galaxy	UMA	13.6	13.7	1.2'	11 37.0	+55 10	47	SBc/P			n of 2

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
UGC 8058	Mrk 231	Galaxy	UMA	13.6	13.7	1.7'	12 56.2	+56 52	48	Sc pec			Compact core fine streamers
NGC 904	UGC 1852	Galaxy	ARI	13.6	13.6	1.2'	02 24.1	+27 21	130	Elliptical			sf of 2
NGC 4908	MCG 5-31-	Galaxy	COM	13.6	13.6	0.9'	13 00.9	+28 03	109	Elliptical			
NGC 1418	MCG - 1-10-	Galaxy	ERI	13.6	13.6	1'	03 42.3	-04 44	222	SBb			H II 456;P w NGC 1417 main arms;v poor resolved
NGC 6279	UGC 10645	Galaxy	HER	13.6	13.6	1.1'	16 59.0	+47 14	80	SBO			
NGC 3369	ESO 501-95	Galaxy	HYA	13.6	13.6	1.4'	10 46.7	-25 15	325	E-SO			
NGC 3473	UGC 6052	Galaxy	LEO	13.6	13.6	1.1'	10 58.1	+17 07	146	SBb			H III 67;P w NGC 3474
NGC 4881	UGC 8106	Galaxy	COM	13.6	13.5	0.9'	13 00.0	+28 15	108	Elliptical			
NGC 4907	MCG 5-31-	Galaxy	COM	13.6	13.5	1.1'	13 00.8	+28 09	109	SBb			
NGC 4232	UGC 7303	Galaxy	CVN	13.6	13.5	1.3'	12 16.8	+47 26	74	SBbc/P			H III 720;P w NGC 4231 @ 1.1';disturbed
NGC 5214	UGC 8531	Galaxy	CVN	13.6	13.5	0.8'	13 32.8	+41 52	76	Sc			H III 656;nf of 2
NGC 6013	UGC 10080	Galaxy	HER	13.6	13.5	1.4'	15 52.9	+40 39	79	SBb			
NGC 6062	UGC 10202	Galaxy	HER	13.6	13.5	1.2'	16 06.4	+19 47	155	SBbc			nf of 2
NGC 7398	UGC 12225	Galaxy	PSC	13.6	13.5	1.2'	22 52.8	+01 12	258	Sa			
NGC 3407	UGC 5978	Galaxy	UMA	13.6	13.5	1.4'	10 52.3	+61 23	24	E-SO			H III 919
NGC 5425	UGC 8933	Galaxy	UMA	13.6	13.5	1.9'	14 00.8	+48 27	77	Scd			
NGC 1104	UGC 2287	Galaxy	CET	13.6	13.4	1.2'	02 48.6	-00 16	220	SBO-a			
NGC 2728	UGC 4738	Galaxy	CNC	13.6	13.4	1.1'	09 01.7	+11 05	187	Sb			
NGC 4086	UGC 7076	Galaxy	COM	13.6	13.4	1'	12 05.5	+20 15	148	SO			NGC 4090 @ 3.8'
NGC 4859	UGC 8097	Galaxy	COM	13.6	13.4	1.3'	12 59.0	+26 49	149	Sa			
NGC 5065	UGC 8356	Galaxy	COM	13.6	13.4	1.3'	13 17.5	+31 06	109	SBcd			H III 308
IC 3061	UGC 7255	Galaxy	COM	13.6	13.4	2.2'	12 15.1	+14 02	193	SBc			Mem Virgo group;P w NCC 4212
NGC 1522	ESO 156-38	Galaxy	DOR	13.6	13.4	1.2'	04 06.1	-52 40	420	SO			
NGC 6246	UGC 10580	Galaxy	DRA	13.6	13.4	1.5'	16 49.9	+55 33	52	SBb			
NGC 6560	UGC 11117	Galaxy	HER	13.6	13.4	1.2'	18 05.2	+46 53	82	SBbc			
NGC 3075	UGC 5360	Galaxy	LEO	13.6	13.4	1.2'	09 58.9	+14 25	189	Sc			comp 3.5';PA242;0.3'x0.1';v dif
UGC 6719	PGC 36574	Galaxy	LEO	13.6	13.4	1.3'	11 44.7	+20 07	147	Sc			
NGC 199	UGC 415	Galaxy	PSC	13.6	13.4	1.2'	00 39.6	+03 08	216	SO			In NGC 182 group
NGC 5920	UGC 9822	Galaxy	SER	13.6	13.4	1.1'	15 21.9	+07 43	199	SO			
NGC 5163	UGC 8453	Galaxy	UMA	13.6	13.4	1.1'	13 26.9	+52 45	48	Elliptical			H III 821
NGC 5115	UGC 8408	Galaxy	VIR	13.6	13.4	1.4'	13 23.0	+13 57	195	SBc			
NGC 5498	UGC 9075	Galaxy	BOO	13.6	13.3	1'	14 11.1	+25 42	152	E-SO			
NGC 4238	UGC 7308	Galaxy	DRA	13.6	13.3	1.8'	12 16.9	+63 25	25	Scd			H III 851
NGC 6061	UGC 10199	Galaxy	HER	13.6	13.3	1'	16 06.3	+18 15	155	SO			
NGC 6332	UGC 10773	Galaxy	HER	13.6	13.3	1.2'	17 15.0	+43 40	81	Sa			
NGC 9	UGC 78	Galaxy	PEG	13.6	13.3	1.1'	00 08.9	+23 49	125	Sbp			Peculiar;disturbed;B main body 0.45x0.25
NGC 1615	UGC 3096	Galaxy	TAU	13.6	13.3	1.2'	04 36.0	+19 57	134	SO			
NGC 3824	UGC 6676	Galaxy	UMA	13.6	13.3	1.3'	11 42.7	+52 47	47	Sa			H III 774;P w NGC 3829
NGC 5246	UGC 8612	Galaxy	VIR	13.6	13.3	1'	13 37.5	+04 06	241	SBb			
NGC 5725	UGC 9466	Galaxy	VIR	13.6	13.3	1.2'	14 41.0	+02 11	243	SBcd			
NGC 5790	UGC 9624	Galaxy	BOO	13.6	13.2	0.9'	14 57.6	+08 17	198	Sa Ring			
NGC 2607	UGC 4473	Galaxy	CNC	13.6	13.2	0.9'	08 33.9	+26 58	141	Sc			bright core in R diff disc;extreme diff outer disc
NGC 6198	UGC 10467	Galaxy	DRA	13.6	13.2	1'	16 35.5	+57 29	52	Elliptical			
IC 1065	UGC 9553	Galaxy	DRA	13.6	13.2	1'	14 49.4	+63 16	27	SBO			
NGC 3753	UGC 6602	Galaxy	LEO	13.6	13.2	1.7'	11 37.9	+21 59	147	Sab			
NGC 7369	MCG 6-49-	Galaxy	PEG	13.6	13.2	0.9'	22 44.2	+34 21	123	Sc Ring			
NGC 7747	UGC 12272	Galaxy	PEG	13.6	13.2	1.5'	23 45.5	+27 22	125	SBb			
NGC 546	ESO 296-25	Galaxy	SCL	13.6	13.2	1.4'	01 25.2	-38 04	352	SBb			
NGC 7652	ESO 148-11	Galaxy	TUC	13.6	13.2	1.2'	23 25.6	-57 53	439	Sa			
NGC 4202	UGC 7337	Galaxy	VIR	13.6	13.2	1.2'	12 18.1	-01 04	238	Sbc			
NGC 4301	NGC 4303A	Galaxy	VIR	13.6	13.2	1.6'	12 22.5	+04 34	238	SBc			NGC 4303 @ 10 '
NGC 4353	IC 3266	Galaxy	VIR	13.6	13.2	0.9'	12 24.0	+07 47	193	Ir Bar			
NGC 5478	UGC 9034	Galaxy	VIR	13.6	13.2	1.1'	14 08.1	-01 42	242	SBbc			H III 762
NGC 882	UGC 1789	Galaxy	ARI	13.6	13.1	1.2'	02 19.7	+15 49	174	SO			
NGC 5709	NGC 5703	Galaxy	BOO	13.6	13.1	1.6'	14 38.8	+30 27	111	SBa			NGC 5706 at 2.1' PA 311 0.4'x0.3' m=15.7;* superimp
NGC 167	ESO 473-29	Galaxy	CET	13.6	13.1	1'	00 35.4	-23 23	306	SBc			
NGC 993	NGC 994	Galaxy	CET	13.6	13.1	0.9'	02 36.8	+02 03	220	E-SO			
NGC 2766	UGC 4801	Galaxy	CNC	13.6	13.1	1.4'	09 08.8	+29 52	103	SBab Ri			
NGC 1992	ESO 423-23	Galaxy	COL	13.6	13.1	1.1'	05 34.5	-30 54	358	Sa			
NGC 6126	UGC 10353	Galaxy	CRB	13.6	13.1	0.8'	16 21.5	+36 23	114	SO			
NGC 6552	UGC 11096	Galaxy	DRA	13.6	13.1	1'	18 00.1	+66 37	30	SBbc Ri			
NGC 1547	ESO 550-G0	Galaxy	ERI	13.6	13.1	1.3'	04 17.2	-17 51	313	SBbc			
NGC 6132	UGC 10363	Galaxy	HER	13.6	13.1	1.5'	16 23.6	+11 47	201	Sab			
NGC 3466	UGC 6042	Galaxy	LEO	13.6	13.1	1'	10 56.3	+09 45	191	SBab			NGC 3467 group
NGC 3618	UGC 6327	Galaxy	LEO	13.6	13.1	0.9'	11 18.5	+23 28	146	Sb Ring			H III 334;P w NGC 3615

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1875	MCG 1-14-	Galaxy	ORI	13.6	13.1	1.5'	05 21.8	+06 41	180	SO			
NGC 7466	IC 5281	Galaxy	PEG	13.6	13.1	1.5'	23 02.1	+27 03	168	Sb			
NGC 28	AM 0007-57	Galaxy	PHE	13.6	13.1	0.6'	00 10.4	-56 59	416	Pec			
NGC 7152	ESO 466-13	Galaxy	PSA	13.6	13.1	1.2'	21 54.0	-29 17	383	SBb			
NGC 138	UGC 308	Galaxy	PSC	13.6	13.1	1.3'	00 31.0	+05 10	216	Sa			brightest in sub-group
NGC 250	UGC 487	Galaxy	PSC	13.6	13.1	1.1'	00 47.3	+07 55	171	Sa			
NGC 5910	MCG 4-36-	Galaxy	SER	13.6	13.1	0.6'	15 19.4	+20 54	154	E-SO			H II 400;Triple system
NGC 5972	UGC 9946	Galaxy	SER	13.6	13.1	1'	15 38.9	+17 02	154	Sa			
NGC 3558	MCG 5-27-	Galaxy	UMA	13.6	13.1	0.9'	11 10.9	+28 33	106	Elliptical			compact
NGC 5599	UGC 9218	Galaxy	VIR	13.6	13.1	1.4'	14 23.8	+06 35	197	Sb			H III 927
NGC 2634A	UGC 4585	Galaxy	CAM	13.6	13	1.8'	08 48.6	+73 56	7	SBbc			disturbed;poor resolution;dimmer for bright part only
NGC 4089	MCG 4-29-	Galaxy	COM	13.6	13	0.5'	12 05.6	+20 33	148	Elliptical			
NGC 4853	UGC 8092.1	Galaxy	COM	13.6	13	0.8'	12 58.6	+27 36	149	E-SO R			
NGC 5280	MCG 5-32-	Galaxy	CVN	13.6	13	0.8'	13 42.9	+29 52	110	Elliptical			
NGC 6491	UGC 11008	Galaxy	DRA	13.6	13	1.2'	17 50.0	+61 32	30	Sab			P w NGC 6493 at 3'
NGC 689	ESO 414- 5	Galaxy	FOR	13.6	13	1'	01 49.9	-27 28	308	Sab			
NGC 6162	UGC 10353	Galaxy	HER	13.6	13	0.9'	16 28.4	+32 51	114	SO			Brightest of 3
NGC 3933	UGC 6839	Galaxy	LEO	13.6	13	1.1'	11 52.0	+16 49	192	S pec			brightest in group
NGC 6986	ESO 598- 7	Galaxy	CAP	13.6	12.9	1'	20 56.5	-18 34	344	E-SO			
NGC 353	UGC 641	Galaxy	CET	13.6	12.9	1.3'	01 02.4	-01 57	217	SBab			
NGC 2711	UGC 4688	Galaxy	CNC	13.6	12.9	0.9'	08 57.4	+17 17	142	SBbc			
NGC 4023	UGC 6977	Galaxy	COM	13.6	12.9	0.9'	11 59.1	+24 59	147	S pec			NGC 4005 group
NGC 5433	UGC 8954	Galaxy	CVN	13.6	12.9	1.6'	14 02.6	+32 31	110	Sd			H III 653;3rd of 3
NGC 6336	UGC 10786	Galaxy	HER	13.6	12.9	0.9'	17 16.3	+43 49	81	SBa			
NGC 3678	UGC 6443	Galaxy	LEO	13.6	12.9	0.8'	11 26.3	+27 52	146	Sbc			
NGC 3951	UGC 6867	Galaxy	LEO	13.6	12.9	1.1'	11 53.7	+23 23	147	S pec			H III 342;brightest in group
UGC 6697	PGC 36466	Galaxy	LEO	13.6	12.9	1.9'	11 43.8	+19 57	147	Sm			
NGC 7593	UGC 12483	Galaxy	PEG	13.6	12.9	1'	23 17.9	+11 21	214	Sbc			Peculiar
NGC 399	UGC 712	Galaxy	PSC	13.6	12.9	0.9'	01 09.0	+32 38	91	SBa			
NGC 7684	UGC 12637	Galaxy	PSC	13.6	12.9	1.5'	23 30.5	+00 05	259	Sa			
NGC 3499	UGC 6115	Galaxy	UMA	13.6	12.9	0.7'	11 03.2	+56 13	46	Sa			H III 793
NGC 4198	UGC 7246	Galaxy	UMA	13.6	12.9	1'	12 14.4	+56 01	47	Sa			H II 793
NGC 4333	MCG 1-32-	Galaxy	VIR	13.6	12.9	0.8'	12 23.4	+06 02	193	SBab			H II 142
NGC 871	UGC 1759	Galaxy	ARI	13.6	12.8	1.1'	02 17.2	+14 33	174	SBc			NGC 877 group;P w NGC 870
NGC 5771	MCG 5-35-	Galaxy	BOO	13.6	12.8	0.8'	14 52.2	+29 51	111	Elliptical			H III 129
NGC 1008	UGC 2114	Galaxy	CET	13.6	12.8	0.8'	02 37.9	+02 05	220	Elliptical			In dense part of cluster
NGC 2709	MCG 0-23-	Galaxy	HYA	13.6	12.8	0.8'	08 56.2	-03 15	232	SO			
NGC 3653	MCG 4-27-	Galaxy	LEO	13.6	12.8	0.9'	11 22.5	+24 17	146	E-SO			H III 336
NGC 7373	ZWG 379. 4	Galaxy	PEG	13.6	12.8	1.3'	22 46.3	+03 13	258	SO			
NGC 652	UGC 1184	Galaxy	PSC	13.6	12.8	1'	01 40.7	+07 59	173	S pec			
NGC 3164	UGC 5527	Galaxy	UMA	13.6	12.8	0.9'	10 15.2	+56 40	45	S pec			comp at 4.3';PA176;0.6'X0.3'
NGC 2598	UGC 4443	Galaxy	CNC	13.6	12.7	1'	08 30.0	+21 29	141	SBa			
NGC 6206	IC 1227	Galaxy	DRA	13.6	12.7	0.7'	16 40.1	+58 37	52	SO			
NGC 1256	ESO 547-23	Galaxy	ERI	13.6	12.7	1.1'	03 14.0	-21 59	311	E-SO Be			
NGC 3839	UGC 6700	Galaxy	LEO	13.6	12.7	1'	11 43.9	+10 47	192	Sd			
NGC 7347	UGC 12136	Galaxy	PEG	13.6	12.7	1.5'	22 39.9	+11 02	212	Sc			
NGC 368	ESO 243-23	Galaxy	PHE	13.6	12.7	0.7'	01 04.4	-43 17	387	SBO-a			
NGC 569	UGC 1063	Galaxy	PSC	13.6	12.7	1'	01 29.1	+11 08	173	Sbc			disrupted
NGC 4259	UGC 7359	Galaxy	VIR	13.6	12.7	1.1'	12 19.4	+05 23	238	SO			
NGC 1402	ESO 548-61	Galaxy	ERI	13.6	12.6	0.8'	03 39.5	-18 32	312	SBO			
NGC 6547	UGC 11110	Galaxy	HER	13.6	12.6	1.3'	18 05.2	+25 14	159	Sa			
NGC 2917	UGC 5098	Galaxy	HYA	13.6	12.6	1.3'	09 34.5	-02 30	233	Sa			
NGC 3633	UGC 6351	Galaxy	LEO	13.6	12.6	1.1'	11 20.4	+03 35	236	Sab			NGC 3640 group
NGC 3841	MCG 3-30-	Galaxy	LEO	13.6	12.6	0.7'	11 44.0	+19 58	147	S			
NGC 2315	UGC 3633	Galaxy	LYN	13.6	12.6	1.3'	07 02.6	+50 35	42	Sa			double system
NGC 2826	UGC 4939	Galaxy	LYN	13.6	12.6	1.6'	09 19.4	+33 37	103	Sa			
NGC 41	MCG 4- 1-	Galaxy	PEG	13.6	12.6	0.8'	00 12.8	+22 01	125	Sc			
NGC 7236	3C442	Galaxy	PEG	13.6	12.6	1.1'	22 14.8	+13 51	212	E-SO			Triple system;plumes;w NGC 7237
NGC 1283	UGC 2676	Galaxy	PER	13.6	12.6	0.7'	03 20.3	+41 24	63	E1			compact
NGC 243	MCG 5- 2-	Galaxy	AND	13.6	12.5	0.9'	00 46.0	+29 58	90	S pec			
NGC 1097A	ESO 416-19	Galaxy	FOR	13.6	12.5	0.8'	02 46.2	-30 14	354	E5			
NGC 2370	UGC 3835	Galaxy	GEM	13.6	12.5	0.8'	07 25.0	+23 47	139	SBc			
NGC 7382	ESO 406-15	Galaxy	GRU	13.6	12.5	1.2'	22 50.4	-36 51	384	Sa			
NGC 3954	UGC 6866	Galaxy	LEO	13.6	12.5	0.7'	11 53.7	+20 53	147	Compac			H III 381;red;compact
NGC 3286	NGC 3284	Galaxy	UMA	13.6	12.5	1.4'	10 36.4	+58 37	46	Elliptical			H III 917

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1054	MCG 3-7-	Galaxy	ARI	13.6	12.4	0.9'	02 42.3	+18 13	130	Sbc			
NGC 2970	MCG 5-23-	Galaxy	LEO	13.6	12.4	0.4'	09 43.5	+31 59	104	E1			
NGC 705	UGC 1345	Galaxy	AND	13.6	12.3	1.2'	01 52.7	+36 09	92	Sa			H III 564;NGC 708 group
NGC 5358	UGC 8826	Galaxy	CVN	13.6	12.3	1.1'	13 54.0	+40 17	76	Sa			
NGC 6297	UGC 10690	Galaxy	DRA	13.6	12.3	0.7'	17 03.6	+62 02	29	SO			
NGC 3639	UGC 6374	Galaxy	LEO	13.6	12.3	0.6'	11 21.6	+18 27	146	S pec			
NGC 1719	UGC 3226	Galaxy	ORI	13.6	12.3	1.1'	04 59.6	-00 16	224	Sa			
NGC 4043	UGC 7015	Galaxy	VIR	13.6	12.2	0.6'	12 02.4	+04 20	238	SO			
NGC 4048	UGC 7023	Galaxy	COM	13.6	12.1	0.6'	12 02.8	+18 01	148	S pec			Brightest in quadruple system
NGC 7482	NGC 7472	Galaxy	PSC	13.6	12.1	0.6'	23 05.6	+03 04	258	Elliptical			
NGC 7360	UGC 12167	Galaxy	PEG	13.6	12	0.7'	22 43.6	+04 09	258	S			
NGC 4864	MCG 5-31-	Galaxy	COM	13.6	11.8	0.6'	12 59.2	+27 59	149	Elliptical			
PK 0- 2.4	M2-21	Pln Neb	SGR	13.6	8.9	7.0"	17 58.1	-29 45	377	1		14.7	
PK 269- 3.1	PB 3	Pln Neb	VEL	13.6	8.8	7"	08 54.1	-50 32	425			13.6	Bipolar
PK 147- 2.1	M1- 4	Pln Neb	PER	13.6	7.7	4"	03 41.7	+52 17	39			16.7	
PK 263- 5.1	PB 2	Pln Neb	VEL	13.6	6.7	3.0"	08 20.8	-46 22	396				
NGC 7257	NGC 7260	Galaxy	AQR	13.7	-	1.9'	22 22.6	-04 07	257	SBbc			
NGC 1595	ESO 202-25	Galaxy	CAE	13.7	-	1.3'	04 28.4	-47 49	392	E			
NGC 244	MCG - 3- 3-	Galaxy	CET	13.7	-	1.2'	00 45.8	-15 36	261	SO Pec			H III 485;A10
NGC 341	NGC 341A	Galaxy	CET	13.7	-	1.2'	01 00.8	-09 11	262	SB Ring			
NGC 2786	UGC 4861	Galaxy	CNC	13.7	-	0.9'	09 13.6	+12 26	187	Sa Ring			
NGC 4057	NGC 4065	Galaxy	COM	13.7	-	1.1'	12 04.1	+20 14	148	Elliptical			
NGC 4170		Star	COM	13.7	-		12 12.2	+29 10	107				NGC 4169 group
NGC 4927	MCG 5-31-	Galaxy	COM	13.7	-	0.6'	13 02.0	+28 00	109	E-SO Ba			H III 364
Abell 2162		Gal CL	CRB	13.7	-	56'	16 12.5	+29 32	113	0 1 II-III			8 Gal/Deg; 37 galaxies
NGC 6041	UGC 10170	Galaxy	HER	13.7	-	1.3'	16 04.6	+17 43	155	SBO			IC 1170 superimposed
NGC 6158	MCG 7-34-	Galaxy	HER	13.7	-	1.1'	16 27.7	+39 23	80	E-SO			H II 647
PK 47+42.1	Abell 39	Pln Neb	HER	13.7	-	2.9'	16 27.5	+27 54	156	2c		15.7	
NGC 3560	NGC 3559	Galaxy	LEO	13.7	-	1.3'	11 10.8	+12 01	191	Spec			
NGC 3781	MCG 5-28-	Galaxy	LEO	13.7	-	0.5'	11 39.1	+26 22	147	SO			
NGC 1781	NGC 1794	Galaxy	LEP	13.7	-	1.3'	05 07.9	-18 11	315	SBO			H III 268
Abell 548		Gal CL	LEP	13.7	-	56'	05 47.1	-25 38	316	1 1 III			14 Gal/Deg; 79 galaxies
NGC 7012	ESO 286-51	Galaxy	MIC	13.7	-	2.4'	21 06.8	-44 49	412	Elliptical			
PK 331- 3.2	He2-165	Pln Neb	NOR	13.7	-	54"	16 30.0	-54 10	432				
PK 332- 3.1	He2-164	Pln Neb	NOR	13.7	-	16"	16 29.9	-53 23	432				
PK 333+ 1.1	He2-152	Pln Neb	NOR	13.7	-	13"	16 15.3	-49 14	406				
NGC 1257	ZWG 540 73	2 Stars	PER	13.7	-		03 17.0	+41 32	63				
NGC 2101	ESO 205- 1	Galaxy	PIC	13.7	-	2'	05 46.4	-52 05	422	Ir B			
NGC 5954	UGC 9904	Galaxy	SER	13.7	-	1.1'	15 34.6	+15 12	199	SBc/P			H II 179;P w NGC 5953;F extenson from comp
PK 13+ 4.1	M1-33	Pln Neb	SER	13.7	-	5"	17 59.0	-15 32	294	2		18.6	
NGC 6889	ESO 186-29	Galaxy	TEL	13.7	-	1.7'	20 18.9	-53 57	436	SBbc			
NGC 627	NGC 614	Galaxy	TRI	13.7	-	1.4'	01 35.9	+33 41	91	SO			
NGC 3406	UGC 5970	Galaxy	UMA	13.7	-	0.9'	10 51.7	+51 01	46	E-SO			double system
NGC 5314	MCG 12-13-	Galaxy	UMI	13.7	-	1'	13 46.2	+70 20	26	S			
NGC 5912	MCG 13-11-	Galaxy	UMI	13.7	-	1.2'	15 11.7	+75 23	11	E-SO			H III 944;Error in CGCG; MCG +13-11-011
PK 274+ 2.2	He2- 35	Pln Neb	VEL	13.7	-	5"	09 41.6	-49 58	398			16.2	
NGC 3852	NGC 3825	Galaxy	VIR	13.7	-	1.3'	11 42.4	+10 16	192	SBa			H III 36
NGC 4243	NGC 4240	Galaxy	VIR	13.7	-	1.2'	12 17.4	-09 57	283	Elliptical			
NGC 5174	NGC 5162	Galaxy	VIR	13.7	-	3.2'	13 29.4	+11 00	195	Sc			H III 45;CGCG 'dbl nebula' is incorrect;* superimp
NGC 5175		Star	VIR	13.7	-		13 29.4	+11 00	195				
NGC 694	UGC 1310	Galaxy	ARI	13.7	16	0.6'	01 51.0	+22 00	128	SO			peculiar;NGC 697 group
PK 173- 5.1	K2- 1;SS 38	Pln Neb	AUR	13.7	15.5	2.2'	05 08.1	+30 48	97	3		18.8	May be emission nebula
UGC 7125	PGC 38567	Galaxy	CVN	13.7	14.9	4.7'	12 08.7	+36 48	107	Sm			
UGC 10054	PGC 55887	Galaxy	UMI	13.7	14.7	2.5'	15 44.0	+81 50	11	SBdm			south foll of 2;may be disturbed by vF companion
NGC 5727	UGC 9465	Galaxy	BOO	13.7	14.6	2.3'	14 40.4	+33 59	111	Sd			
NGC 7282	UGC 12034	Galaxy	LAC	13.7	14.6	2.5'	22 25.9	+40 19	87	SBb Rin			
UGC 5349	MCG +06-22	Galaxy	LMI	13.7	14.4	2.5'	09 58.1	+37 18	104	Sm			
NGC 7535	UGC 12438	Galaxy	PEG	13.7	14.4	1.5'	23 14.2	+13 35	214	Scd			
UGC 6399	PGC 34971	Galaxy	UMA	13.7	14.4	3.3'	11 23.4	+50 55	46	Sm			
UGC 9380	PGC 52092	Galaxy	VIR	13.7	14.3	1.9'	14 34.6	+04 16	242	Ir+			
NGC 5229	UGC 8550	Galaxy	CVN	13.7	14.2	3.3'	13 34.0	+47 55	76	SBcd			
UGC 5238	PGC 28087	Galaxy	SEX	13.7	14.2	2.5'	09 46.9	+00 30	233	S(B)d			
UGC 8053	PGC 44089	Galaxy	VIR	13.7	14.2	1.7'	12 55.8	+04 01	239	S(B)dm			
UGC 8290	PGC 45884	Galaxy	COM	13.7	14.1	1.5'	13 12.6	+22 50	150	Sm pec			P w NGC 5012
NGC 2937	UGC 5131	Galaxy	HYA	13.7	14.1	2'	09 37.8	+02 45	233	Ring			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1224	UGC 2578	Galaxy	PER	13.7	14.1	1.4'	03 11.2	+41 22	63	SO			comp 1.5';PA0
NGC 511	UGC 936	Galaxy	PSC	13.7	14.1	1.2'	01 23.5	+11 17	173	Elliptical			
NGC 3594	UGC 6286	Galaxy	UMA	13.7	14.1	1.3'	11 16.2	+55 42	46	SBO			H III 770;comp 2.2';PA219;0.45'X0.4'
NGC 4809	Ho 486a	Galaxy	VIR	13.7	14.1	1.7'	12 54.8	+02 39	239	Ir			north comp NGC 4810 @ 0.8'
NGC 91		Star	AND	13.7	14		00 21.9	+22 22	126				Distorted;NGC 80 group
NGC 710	UGC 1349	Galaxy	AND	13.7	14	1.3'	01 52.9	+36 03	92	Sc			
NGC 7298	MCG - 2-57-	Galaxy	AQR	13.7	14	1.3'	22 30.8	-14 11	302	Sc			
NGC 4985	UGC 8218	Galaxy	CVN	13.7	14	1.3'	13 08.2	+41 41	75	SO			H III 654
NGC 4108B	UGC 7106	Galaxy	DRA	13.7	14	1.3'	12 07.2	+67 14	25	SBd pec			w NGC 4108;4108A
NGC 4810	UGC 8034;	Galaxy	VIR	13.7	14	1.4'	12 54.9	+02 38	239	Ir			south comp. NGC 4809 @ 0.8'
NGC 5947	UGC 9877	Galaxy	BOO	13.7	13.9	1.2'	15 30.6	+42 43	78	SBbc			prob member of clust
NGC 3901	UGC 6675	Galaxy	CAM	13.7	13.9	1.8'	11 42.8	+77 22	9	Sc			H III 970
NGC 858	ESO 478-13	Galaxy	CET	13.7	13.9	1.3'	02 12.5	-22 28	309	SBc			
NGC 6220	UGC 10541	Galaxy	OPH	13.7	13.9	1.7'	16 47.2	-00 17	246	Sab			
NGC 109	UGC 251	Galaxy	AND	13.7	13.8	1.1'	00 26.2	+21 48	126	SBa			f or 2
NGC 228	UGC 458	Galaxy	AND	13.7	13.8	1.2'	00 42.9	+23 30	126	SBab Rl			2nd of 3
UGC 1546	PGC 7826	Galaxy	ARI	13.7	13.8	1.1'	02 03.4	+18 38	129	Sc			
NGC 5950	UGC 9884	Galaxy	BOO	13.7	13.8	1.5'	15 31.5	+40 26	78	Sb			
NGC 6303	UGC 10711	Galaxy	DRA	13.7	13.8	1.3'	17 05.0	+68 50	29	Elliptical			
UGC 6456	PGC 35286	Galaxy	DRA	13.7	13.8	1.4'	11 28.0	+78 59	9	Pec			Eruptive
NGC 49	UGC 136	Galaxy	AND	13.7	13.7	1.1'	00 14.4	+48 15	59	SO			NGC 51 group;in group of 6;NGC 51 the brightest
NGC 482	ESO 296-13	Galaxy	PHE	13.7	13.7	2.2'	01 20.3	-40 58	388	Sab			Edge-on w 3 companions
NGC 3374	UGC 5901	Galaxy	UMA	13.7	13.7	1.3'	10 48.0	+43 11	72	SBc			nrf of 2;comp at 2.3';PA197;0.35'x 0.18';mag 15.6
NGC 4141	UGC 7147	Galaxy	UMA	13.7	13.7	1.3'	12 09.8	+58 51	47	SBc			H III 795
NGC 3258C	ESO 375-53	Galaxy	ANT	13.7	13.6	1.1'	10 31.4	-35 13	366	SB Ring			
NGC 5818	UGC 9643	Galaxy	BOO	13.7	13.6	1.2'	14 59.0	+49 49	78	SO			
NGC 2503	UGC 4158	Galaxy	CNC	13.7	13.6	1.1'	08 00.6	+22 24	140	SBbc Rl			
NGC 5004A	UGC 8260	Galaxy	COM	13.7	13.6	1.4'	13 11.0	+29 38	109	SO Ring			H III 305;late spiral;brightest of 3;UGC 8260
NGC 4704	UGC 7972	Galaxy	CVN	13.7	13.6	1'	12 48.8	+41 55	75	SBbc/P			H II 662
NGC 3592	UGC 6267	Galaxy	LEO	13.7	13.6	1.8'	11 14.5	+17 16	146	Sc			P w NGC 3598 at 10.4';PA 90
NGC 3644	IC 684	Galaxy	LEO	13.7	13.6	1.5'	11 21.5	+02 49	236	Sa			
UGC 4787	PGC 25644	Galaxy	LYN	13.7	13.6	2.3'	09 07.5	+33 16	103	Sdm			
NGC 6033	UGC 10159	Galaxy	SER	13.7	13.6	1.1'	16 04.5	-02 07	245	Sbc			
NGC 3360	MCG - 2-28-	Galaxy	SEX	13.7	13.6	1.2'	10 44.3	-11 15	280	Sc			
NGC 1067	UGC 2204	Galaxy	TRI	13.7	13.6	1.1'	02 43.8	+32 31	93	Sc			S-shaped;well def arms;UGC2201 at 1.6';comp 2.3'
NGC 149	UGC 332	Galaxy	AND	13.7	13.5	1.2'	00 33.8	+30 43	90	SO			Compact
NGC 2743	UGC 4760	Galaxy	CNC	13.7	13.5	1.1'	09 04.9	+25 00	142	Sd			H III 608
NGC 4110	UGC 7102	Galaxy	COM	13.7	13.5	1.3'	12 07.1	+18 32	148	SBb			
NGC 4741	UGC 8000	Galaxy	CVN	13.7	13.5	1.4'	12 51.0	+47 40	75	Sc			H III 721
NGC 5093	UGC 8373	Galaxy	CVN	13.7	13.5	1.4'	13 19.6	+40 23	76	Sa			H III 633
NGC 6971	UGC 11637	Galaxy	DEL	13.7	13.5	1.1'	20 49.4	+06 00	209	Sb			
NGC 3527	UGC 6170	Galaxy	UMA	13.7	13.5	1'	11 07.3	+28 32	106	SBa			H III 350;P w UGC 6166
NGC 3536	UGC 6191	Galaxy	UMA	13.7	13.5	1.1'	11 08.9	+28 29	106	SBO-a R			
NGC 6901	IC 1316	Galaxy	AQL	13.7	13.4	1.1'	20 22.4	+06 26	208	SBab			IC5000=IC1316
NGC 900	UGC 1843	Galaxy	ARI	13.7	13.4	1.1'	02 23.5	+26 31	129	SO			
NGC 800	UGC 1526	Galaxy	CET	13.7	13.4	1'	02 02.2	-00 08	219	Sc			
NGC 2752	UGC 4772	Galaxy	CNC	13.7	13.4	1.8'	09 05.7	+18 20	142	SBb			triple grp w NGC 2749 @ 5.4';PA252;and NGC 2744 @
NGC 6479	UGC 10996	Galaxy	DRA	13.7	13.4	1'	17 48.4	+54 09	53	Sc			
NGC 1592	ESO 421-G0	Galaxy	ERI	13.7	13.4	1.4'	04 29.7	-27 25	313	S			
NGC 2480	UGC 4116	Galaxy	GEM	13.7	13.4	1.3'	07 57.2	+23 47	140	SBcd			distorted
NGC 6263	UGC 10618	Galaxy	HER	13.7	13.4	0.9'	16 56.7	+27 49	157	Elliptical			vF comp at 0.7' PA 343 0.2'X0.15'
NGC 3993	UGC 6935	Galaxy	LEO	13.7	13.4	1.6'	11 57.6	+25 14	147	Sb			3997 at 2.9';PA53;mult sys w NGC 3987;3989;3997
NGC 2860	UGC 5007	Galaxy	LYN	13.7	13.4	1.5'	09 24.9	+41 04	71	SBa			
UGC 11093	PGC 61300	Galaxy	OPH	13.7	13.4	3.1'	18 01.9	+06 58	204	Scd			
NGC 7043	UGC 11704	Galaxy	PEG	13.7	13.4	1'	21 14.1	+13 38	210	SBa			
NGC 7797	UGC 12877	Galaxy	PSC	13.7	13.4	1'	23 59.0	+03 38	215	Sbc			H III 867;UGC 12877
NGC 5164	UGC 8458	Galaxy	UMA	13.7	13.4	1'	13 27.2	+55 29	48	SBb			H III 784;comp at 4' PA 281
NGC 4848	UGC 8082	Galaxy	COM	13.7	13.3	1.6'	12 58.1	+28 15	108	SBc			
NGC 1242	MCG - 2- 9-	Galaxy	ERI	13.7	13.3	1.2'	03 11.3	-08 54	266	SBc			H III 591
NGC 1390	ESO 548-54	Galaxy	ERI	13.7	13.3	1.4'	03 37.9	-19 00	312	SBa			
NGC 6347	IC 1253	Galaxy	HER	13.7	13.3	1.2'	17 19.9	+16 40	202	SBb			
NGC 6662	UGC 11280	Galaxy	LYR	13.7	13.3	1.6'	18 34.2	+32 04	117	SBab			
NGC 1465	UGC 2891	Galaxy	PER	13.7	13.3	1.7'	03 53.5	+32 30	95	Sa			brightest of 3
NGC 78A	NGC 78-1	Galaxy	PSC	13.7	13.3	1.1'	00 20.4	+00 50	216	SBO-a			compact
NGC 3188	UGC 5569	Galaxy	UMA	13.7	13.3	0.9'	10 19.7	+57 25	45	SBab			H III 910;nrf of 2;comp 0.7';PA246;0.45'X0.3'

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 4266	UGC 7368	Galaxy	VIR	13.7	13.3	1.8'	12 19.7	+05 32	193	SBa			
NGC 5680	ZWG 19. 68	Galaxy	VIR	13.7	13.3	0.9'	14 35.7	-00 01	242	E-SO			
NGC 4219A	ESO 267-38	Galaxy	CEN	13.7	13.2	1.3'	12 18.0	-43 32	401	SBc			
NGC 4696A	ESO 322-77	Galaxy	CEN	13.7	13.2	1.3'	12 46.9	-41 30	402	SBb			
NGC 548	UGC 1010	Galaxy	CET	13.7	13.2	0.9'	01 26.0	-01 14	218	Elliptical			
NGC 37	ESO 149-22	Galaxy	PHE	13.7	13.2	1.1'	00 11.4	-56 57	416	SBO			
NGC 5213	UGC 8552	Galaxy	VIR	13.7	13.2	0.9'	13 34.7	+04 08	240	SBb			streamer or disturbed arm southeastw from n part
NGC 5789	UGC 9615	Galaxy	BOO	13.7	13.1	0.9'	14 56.6	+30 14	111	SBd			v patchy spir;B cond on sf edge; 5798 at 21' PA139
NGC 7030	ESO 598-28	Galaxy	CAP	13.7	13.1	0.9'	21 11.2	-20 29	345	SBab			
NGC 4923	MCG 5-31-	Galaxy	COM	13.7	13.1	0.8'	13 01.5	+27 51	149	E-SO Ba			H II 394
NGC 6399	UGC 10896	Galaxy	DRA	13.7	13.1	1.1'	17 31.8	+59 37	53	Sa			
NGC 1599	MCG - 1-12-	Galaxy	ERI	13.7	13.1	0.9'	04 31.6	-04 35	223	Sc			
NGC 6982	ESO 235-19	Galaxy	IND	13.7	13.1	1'	20 57.3	-51 52	437	SBa			
NGC 3649	UGC 6386	Galaxy	LEO	13.7	13.1	1.4'	11 22.2	+20 12	146	SBa			H III 16;P w NGC 3646
UGC 6104	PGC 33276	Galaxy	LEO	13.7	13.1	1.5'	11 01.8	+16 36	191	Sbc			
NGC 5677	UGC 9378	Galaxy	BOO	13.7	13	0.9'	14 34.2	+25 28	152	Sbc			H III 283;slightly asym;high surf brightn.
NGC 5992	UGC 10003	Galaxy	BOO	13.7	13	0.9'	15 44.4	+41 05	79	Sab			H III 635;P w NGC 5993
NGC 114	UGC 259	Galaxy	CET	13.7	13	0.8'	00 27.0	-01 47	216	SBO			
NGC 144	ESO 473-23	Galaxy	CET	13.7	13	0.8'	00 31.3	-22 39	306	Sc			
NGC 6055	UGC 10191	Galaxy	HER	13.7	13	1'	16 05.5	+18 10	155	SBO-a F			P w NGC 6057 at 2' PA 82
NGC 6549	UGC 11114	Galaxy	HER	13.7	13	1.4'	18 05.8	+18 32	159	Sbc			P w NGC 6548 at 4' PA 38
NGC 7468	UGC 12329	Galaxy	PEG	13.7	13	0.9'	23 03.0	+16 36	213	Elliptical			H III 202;Peculiar;two jets;UGC 12329
NGC 1590	UGC 3071	Galaxy	TAU	13.7	13	0.9'	04 31.2	+07 38	178	S pec			twisted blue post-eruptive gal w several knots & jets
NGC 5118	IC 4236	Galaxy	VIR	13.7	13	0.8'	13 23.5	+06 24	195	SBc			H III 925
NGC 4840	MCG 5-31-	Galaxy	COM	13.7	12.9	0.7'	12 57.5	+27 37	149	Elliptical			H II 385
NGC 2388	UGC 3870	Galaxy	GEM	13.7	12.9	1'	07 28.9	+33 49	100	S			H III 900;NGC 2389 group
NGC 7072	ESO 287-31	Galaxy	GRU	13.7	12.9	0.9'	21 30.6	-43 09	413	SBcd			
NGC 7340	MCG 6-49-	Galaxy	PEG	13.7	12.9	0.9'	22 37.7	+34 25	123	Elliptical			
NGC 7383	MCG 2-58-	Galaxy	PEG	13.7	12.9	0.8'	22 49.6	+11 33	213	SBO			
NGC 7473	UGC 12335	Galaxy	PEG	13.7	12.9	1.1'	23 04.0	+30 10	124	SBO			
NGC 7681	UGC 12620	Galaxy	PEG	13.7	12.9	1.8'	23 28.9	+17 19	169	SO			H II 242
NGC 5909	UGC 9778	Galaxy	UMI	13.7	12.9	1.1'	15 11.5	+75 23	11	Sbc			H III 943;Error in CGCG 5909=5912;* superimp
NGC 538	UGC 991	Galaxy	CET	13.7	12.8	1'	01 25.4	-01 33	218	Sab			in dense part of cluster
NGC 4865	UGC 8100	Galaxy	COM	13.7	12.8	0.9'	12 59.3	+28 05	108	Elliptical			
NGC 5401	UGC 8916	Galaxy	CVN	13.7	12.8	1.5'	13 59.7	+36 14	110	Sa			H III 412
NGC 7297	ESO 345-18	Galaxy	GRU	13.7	12.8	0.9'	22 31.2	-37 50	384	Sbc			
NGC 1780	ESO 553- 1	Galaxy	LEP	13.7	12.8	0.9'	05 06.3	-19 28	315	SBO			
NGC 7547	UGC 12453	Galaxy	PEG	13.7	12.8	1.1'	23 15.1	+18 58	169	SBap			NGC 7550 group;Arp 99
NGC 7580	UGC 12481	Galaxy	PEG	13.7	12.8	0.8'	23 17.6	+14 00	214	S pec			
NGC 7636	ESO 470- 2	Galaxy	SCL	13.7	12.8	0.9'	23 22.6	-29 17	385	SO			
NGC 3392	MCG 11-13-	Galaxy	UMA	13.7	12.8	0.8'	10 51.0	+65 47	24	Elliptical			H III 881
NGC 4139	MCG +00-31	Galaxy	VIR	13.7	12.8	1'	12 04.6	+01 48	238	SO			
NGC 5095	UGC 8381	Galaxy	VIR	13.7	12.8	1.2'	13 20.6	-02 17	240	Sa			
NGC 7836	UGC 65	Galaxy	AND	13.7	12.7	0.9'	00 08.0	+33 04	89	Ir			
NGC 5050	UGC 8329	Galaxy	VIR	13.7	12.7	1.1'	13 15.7	+02 53	240	Sa			
NGC 5104	UGC 8391	Galaxy	VIR	13.7	12.7	1.2'	13 21.4	+00 21	240	Sa			
NGC 923	UGC 1915	Galaxy	AND	13.7	12.6	0.8'	02 27.6	+41 59	62	Sb			2nd of 3
NGC 2526	UGC 4231	Galaxy	CNC	13.7	12.6	0.9'	08 07.0	+08 00	185	Sab			
NGC 2929	UGC 5126	Galaxy	LEO	13.7	12.6	1.2'	09 37.5	+23 10	143	Sc			brightest in group w N2930 (m=14.5) N2931(m=15)
NGC 7583	NGC 7605	Galaxy	PSC	13.7	12.6	0.7'	23 17.9	+07 23	214	S			
NGC 5402	UGC 8903	Galaxy	UMA	13.7	12.6	1.3'	13 58.3	+59 49	49	S pec			H III 810
NGC 5366	MCG 0-36-	Galaxy	VIR	13.7	12.6	0.7'	13 56.4	-00 15	241	Sa			
NGC 11	UGC 73	Galaxy	AND	13.7	12.5	1.5'	00 08.7	+37 27	89	Sa			
NGC 5697	IC 4471	Galaxy	BOO	13.7	12.5	0.9'	14 36.5	+41 41	77	Sb			B wedge-shaped main body in asym disc
NGC 2814	UGC 4952	Galaxy	UMA	13.7	12.5	1.1'	09 21.2	+64 15	23	Sb			H II 868;NGC 2805 group
NGC 878	ESO 478-22	Galaxy	CET	13.7	12.4	0.8'	02 17.9	-23 23	309	Sa			
NGC 3083	MCG 0-26-	Galaxy	SEX	13.7	12.4	1.1'	09 59.8	-02 53	234	Sa			
NGC 3326	UGC 5799	Galaxy	SEX	13.7	12.4	0.6'	10 39.5	+05 06	235	Sa			
UGC 4687	PGC 25227	Galaxy	UMA	13.7	12.4	0.8'	08 58.9	+66 28	22	Pec			vF companion south
NGC 6961	ZWG 374. 14	Galaxy	AQR	13.7	12.3	0.6'	20 47.2	+00 22	254	Elliptical			
NGC 6306	UGC 10724	Galaxy	DRA	13.7	12.3	1'	17 07.6	+60 44	52	SBab/P			P w NGC 6307 at 2' nf
NGC 5521	UGC 9122	Galaxy	VIR	13.7	12.3	0.6'	14 15.4	+04 24	242	S pec			
NGC 2373	UGC 3848	Galaxy	GEM	13.7	12.2	0.6'	07 26.6	+33 49	100	Sbc			
NGC 7642	UGC 12560	Galaxy	PSC	13.7	12.1	0.6'	23 22.9	+01 27	259	Sa			np of 2
NGC 6959	ZWG 374. 13	Galaxy	AQR	13.7	11.8	0.6'	20 47.1	+00 26	254	SO			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
PK 316+ 8.1	He2-108	Pln Neb	CEN	13.7	10.1	12"	14 18.2	-52 11	430			12.7	
PK 353+ 6.2	M2- 6	Pln Neb	SCO	13.7	9.4	8"	17 04.3	-30 53	376	1		16.4	
PK 147+ 4.1	M2- 2	Pln Neb	CAM	13.7	9	6.0"	04 13.3	+56 57	39	3			
PK 51- 3.1	M1-73	Pln Neb	AQL	13.7	8.5	5.4"	19 41.2	+14 57	207	2		14.5	
NGC 7108	NGC 7111	Galaxy	AQR	13.8	-	1.4'	21 41.9	-06 43	301	Elliptical			
NGC 5414	UGC 8942	Galaxy	BOO	13.8	-	1'	14 02.1	+09 56	196	Pec			Br of 3;vB main body w asym env streamer southeast
NGC 1598	ESO 202-26	Galaxy	CAE	13.8	-	1.4'	04 28.6	-47 47	392	SBc			
NGC 6993	ESO 529-11	Galaxy	CAP	13.8	-	1.2'	20 53.9	-25 28	344	Sc			
NGC 3557A	NGC 3533	Galaxy	CEN	13.8	-	2.8'	11 07.1	-37 10	367	Sab			
Cr 427		Opn CL	CEP	13.8	-	4'	21 00.6	+68 10	33	IV 1pn;b6			
NGC 17	NGC 34	Galaxy	CET	13.8	-	2.1'	00 11.1	-12 07	260	S			
NGC 34	NGC 17	Galaxy	CET	13.8	-	2.1'	00 11.1	-12 07	260	S			
NGC 47	NGC 58	Galaxy	CET	13.8	-	2.3'	00 14.5	-07 10	260	SBbc			
NGC 58	NGC 47	Galaxy	CET	13.8	-	2.3'	00 14.5	-07 10	260	SBbc			
NGC 1046	MCG 1- 7-	Galaxy	CET	13.8	-	0.4'	02 41.2	+08 43	175	E-SO			H III 229
NGC 1142	NGC 1144	Galaxy	CET	13.8	-	0.9'	02 55.2	-00 11	220	Elliptical			
NGC 4408	ZWG 158.10	Galaxy	COM	13.8	-	0.4'	12 26.3	+27 52	148	Elliptical			
NGC 4960	NGC 4961	Galaxy	COM	13.8	-	1.6'	13 05.8	+27 44	150	SBc			
NGC 3194	NGC 3155	Galaxy	DRA	13.8	-	1.4'	10 17.7	+74 21	8	S pec			
NGC 6668	NGC 6667	Galaxy	DRA	13.8	-	2.4'	18 30.7	+67 59	30	SBab/P			
NGC 6678	NGC 6667	Galaxy	DRA	13.8	-	2.4'	18 30.7	+67 59	30	SBab/P			H VI 15
NGC 1437B	ESO 358-61	Galaxy	ERI	13.8	-	2.6'	03 45.9	-36 22	356	Sc			
NGC 6600	NGC 6599	Galaxy	HER	13.8	-	1.3'	18 15.7	+24 55	159	SO			
Abell 2147		Gal CL	HER	13.8	-	39.2'	16 02.2	+15 53	200	1 1 III			15 Gal/Deg; 52 galaxies
Abell 2151	Her. Gx. Cl	Gal CL	HER	13.8	-	56'	16 05.1	+17 43	155	2 1 III			Her. Gal. Cl. 20 galaxies 14 to 15 mag; 87 galaxies
Abell 2152		Gal CL	HER	13.8	-	37'	16 05.3	+16 27	200	1 1 III			15 Gal/Deg; 60 galaxies
NGC 6948	ESO 187- 9	Galaxy	IND	13.8	-	2.2'	20 43.5	-53 21	437	Sa			
NGC 3476	NGC 3480	Galaxy	LEO	13.8	-	0.5'	10 58.1	+09 17	191	Elliptical			
NGC 3490	MCG 2-28-	Galaxy	LEO	13.8	-	0.5'	10 59.9	+09 22	191	Elliptical			
NGC 3531	NGC 3526	Galaxy	LEO	13.8	-	1.9'	11 06.9	+07 10	191	Sc			
Abell 569		Gal CL	LYN	13.8	-	25.8'	07 09.2	+48 38	68	0 1 II			9 Gal/Deg; brightest is NGC 2329; 36 galaxies
Abell 779		Gal CL	LYN	13.8	-	50.4'	09 19.9	+33 46	103	0 1 I-II			9 Gal/Deg; NGC 2832 group; 32 galaxies
PK 331- 1.1	Menzel 3	Pln Neb	NOR	13.8	-	25.0"	16 17.2	-51 59	432	6		17.6	
Abell 2634		Gal CL	PEG	13.8	-	22.4'	23 38.3	+27 01	169	1 1 II			15 Gal/Deg; 52 galaxies
Abell 2666		Gal CL	PEG	13.8	-	78.4'	23 50.9	+27 08	125	0 1 I			9 Gal/Deg; NGC 7768 group; 34 galaxies
Pal 13		Glob CL	PEG	13.8	-	0.7'	23 06.7	+12 46	213	XII			
NGC 1023A		Galaxy	PER	13.8	-	1.3'	02 40.6	+39 04	62	Ir B			
PK 351- 6.1	Haro 1-37	Pln Neb	SCO	13.8	-	9.9"	17 50.7	-39 18	408	2			
NGC 6845	NGC 6845A	Galaxy	TEL	13.8	-	2.3'	20 01.0	-47 04	411	SBb			
NGC 6845A	NGC 6845	Galaxy	TEL	13.8	-	2.3'	20 01.0	-47 04	411	SBb			
NGC 3517	UGC 6144	Galaxy	UMA	13.8	-	0.7'	11 05.6	+56 31	46	Sab			H II 884;s of 2;contact
Abell 1228		Gal CL	UMA	13.8	-	50.4'	11 21.5	+34 20	106	1 1 II-III			15 Gal/Deg; drawing in Webb Hnbk 5; 50 galaxies
PK 259+ 0.1	He2- 11	Pln Neb	VEL	13.8	-	75.0"	08 37.1	-39 26	397			18.9	Diffuse neb?
NGC 5846A	MCG 0-38-	Galaxy	VIR	13.8	-	0.5'	15 06.5	+01 36	243	E2			
UGC 4543	PGC 24493	Galaxy	LYN	13.8	15.6	3.6'	08 43.3	+45 44	70	Sdm			
UGC 7639	PGC 41239	Galaxy	CVN	13.8	15.1	3.2'	12 29.9	+47 31	75	Ir+			
NGC 4512	NGC 4521	Galaxy	DRA	13.8	14.8	2.5'	12 32.8	+63 56	25	Sa			P w NGC 4521 @ 4.1' nf
UGC 9941	PGC 55660	Galaxy	SER	13.8	14.6	1.3'	15 38.4	+12 57	199	Ir+			
IC 776	UGC 7352	Galaxy	VIR	13.8	14.4	1.8'	12 19.0	+08 51	193	SBd			Virgo grp memb;P w IC 3134 vF;vS;E
UGC 8597	PGC 48012	Galaxy	CVN	13.8	14.3	1.9'	13 36.3	+46 13	76	SB+			
NGC 491A	ESO 352-46	Galaxy	SCL	13.8	14.3	1.9'	01 20.1	-33 54	352	SBd			
NGC 5154	UGC 8447	Galaxy	CVN	13.8	14.2	1.3'	13 26.5	+36 01	109	Sc			H III 405
NGC 5346	UGC 8804	Galaxy	CVN	13.8	14.2	2'	13 53.0	+39 35	76	Sc			
NGC 1345	ESO 548-26	Galaxy	ERI	13.8	14.2	1.5'	03 29.5	-17 47	312	SBc			
NGC 2656	MCG 9-15-	Galaxy	UMA	13.8	14.2	1.3'	08 47.9	+53 53	44	SOp			double system in halo
NGC 4917	UGC 8130	Galaxy	CVN	13.8	14.1	1.5'	13 00.9	+47 13	75	SBb			
NGC 7222	UGC 11934	Galaxy	AQR	13.8	14	1.2'	22 10.9	+02 06	257	SBab			p of 2
NGC 7395	UGC 12216	Galaxy	LAC	13.8	14	1.2'	22 51.0	+37 05	123	SO			Double nucleus?
NGC 5988	UGC 9998	Galaxy	SER	13.8	13.9	1.2'	15 44.6	+10 18	200	SBc Ring			
UGC 8146	MCG +10-19	Galaxy	UMA	13.8	13.9	3.7'	13 02.1	+58 42	48	Sc			
NGC 4467	Ho 413c	Galaxy	VIR	13.8	13.9	0.4'	12 29.5	+08 00	193	Elliptical			NGC 4472 @ 4.2'
NGC 933	UGC 1956	Galaxy	AND	13.8	13.8	1.3'	02 29.3	+45 55	62	S			IC 1799 group
NGC 1109	IC 1846	Galaxy	ARI	13.8	13.8	1.1'	02 47.7	+13 15	175	Elliptical			CGCG lists IC1852 Mg 14.9 nearby
NGC 5778	NGC 5825	Galaxy	BOO	13.8	13.8	1.2'	14 54.5	+18 39	153	Elliptical			
NGC 872	ESO 544-32	Galaxy	CET	13.8	13.8	1.5'	02 15.4	-17 47	309	Sc			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 1500	ESO 201-13	Galaxy	DOR	13.8	13.8	1.1'	03 58.2	-52 20	420	Elliptical			
NGC 2294	MCG 6-15-	Galaxy	GEM	13.8	13.8	0.8'	06 51.2	+33 32	99	E6			
NGC 7363	MCG 6-49-	Galaxy	PEG	13.8	13.8	0.9'	22 43.3	+34 00	123	SBcd			
NGC 2008	ESO 204-20	Galaxy	PIC	13.8	13.8	1.4'	05 35.1	-50 58	422	Sc			
NGC 7732	UGC 12738	Galaxy	PSC	13.8	13.8	2'	23 41.6	+03 43	259	Scd			disturbed
NGC 3589	UGC 6275	Galaxy	UMA	13.8	13.8	1.5'	11 15.2	+60 42	46	SBcd Rii			H III 921
NGC 1424	NGC 1429	Galaxy	ERI	13.8	13.7	1.6'	03 43.2	-04 44	222	SBb			3 main arms;some knots
NGC 531	UGC 1012	Galaxy	AND	13.8	13.6	1.8'	01 26.3	+34 45	91	SBO-a			
NGC 5616	UGC 9231	Galaxy	BOO	13.8	13.6	2.1'	14 24.3	+36 28	111	SBbc			H III 419;2 or 3 conds in n part;asym
NGC 6102	UGC 10300	Galaxy	CRB	13.8	13.6	1.2'	16 15.6	+28 10	113	Sc			
NGC 6142	UGC 10366	Galaxy	CRB	13.8	13.6	2'	16 23.4	+37 15	114	Sb			H III 892
NGC 6944	MCG 1-52-	Galaxy	DEL	13.8	13.6	1.2'	20 38.4	+07 00	209	SO			
NGC 5971	UGC 9929	Galaxy	DRA	13.8	13.6	1.6'	15 35.6	+56 28	51	Sa			NGC 5969 at 6.4' p 0.5'X0.3'
NGC 1657	UGC 3156	Galaxy	ERI	13.8	13.6	1.2'	04 46.1	-02 05	224	SBbc			
NGC 3911	UGC 6803	Galaxy	LEO	13.8	13.6	1'	11 50.1	+24 55	147	SBbc			H III 341;P w NGC 3920 at 9.9';PA97
NGC 2799	UGC 4909	Galaxy	LYN	13.8	13.6	1.9'	09 17.5	+42 00	71	SBp			bright center and bar;2 main smooth arms edgewise
NGC 2840	UGC 4960	Galaxy	LYN	13.8	13.6	1'	09 20.9	+35 22	103	SBbc			H III 827
NGC 7066	UGC 11741	Galaxy	PEG	13.8	13.6	0.9'	21 26.2	+14 11	210	Sb			Companion superimposed
NGC 7389	MCG 2-58-	Galaxy	PEG	13.8	13.6	1.1'	22 50.3	+11 34	213	S pec			
NGC 4186	UGC 7223;H	Galaxy	COM	13.8	13.5	1'	12 14.1	+14 44	193	Sab			
NGC 4857	UGC 8077	Galaxy	DRA	13.8	13.5	1.3'	12 57.3	+70 12	26	SBb			H III 908
NGC 6449	UGC 10965	Galaxy	DRA	13.8	13.5	1'	17 43.8	+56 48	53	Sc			
NGC 1396	FCC 202	Galaxy	ERI	13.8	13.5	1'	03 38.1	-35 26	355	SAB0			
NGC 6616	UGC 11192	Galaxy	HER	13.8	13.5	1.4'	18 17.7	+22 14	159	Sab			
NGC 3840	UGC 6702	Galaxy	LEO	13.8	13.5	1.1'	11 44.0	+20 05	147	Sa			
NGC 3151	MCG 7-21-	Galaxy	LMI	13.8	13.5	0.8'	10 13.5	+38 37	104	SO			
NGC 7034	UGC 11687	Galaxy	PEG	13.8	13.5	1'	21 09.6	+15 09	210	Elliptical			
NGC 2148	ESO 120-24	Galaxy	PIC	13.8	13.5	1.1'	05 58.8	-59 08	422	Sb			
NGC 7279	ESO 405-21	Galaxy	PSA	13.8	13.5	1.2'	22 27.2	-35 08	384	SBc			
NGC 5262	UGC 8606	Galaxy	UMI	13.8	13.5	1.2'	13 35.6	+75 02	10	E-SO			P w UGC 8595
NGC 4533	UGC 7725	Galaxy	VIR	13.8	13.5	2.1'	12 34.4	+02 19	239	Scd			NGC 4536 @ 8.2'
NGC 5517	UGC 9100	Galaxy	BOO	13.8	13.4	1'	14 12.9	+35 43	110	Sa			
NGC 4979	IC 4198	Galaxy	COM	13.8	13.4	1'	13 07.7	+24 49	150	SB/P			P w 4202 @ 13 ';H III 346
NGC 4108A	UGC 7088	Galaxy	DRA	13.8	13.4	1.4'	12 05.8	+67 15	25	SBbc			w NGC 4108;4108B
NGC 1489	ESO 549-42	Galaxy	ERI	13.8	13.4	1.4'	03 57.6	-19 13	312	SBb			
NGC 1124	ESO 480- 7	Galaxy	FOR	13.8	13.4	1'	02 51.6	-25 42	310	Sa Ring			
UGC 3587	PGC 19813	Galaxy	GEM	13.8	13.4	2.8'	06 53.8	+19 18	138	S			
NGC 7004	ESO 235-46	Galaxy	IND	13.8	13.4	1.3'	21 04.0	-49 07	412	SBO-a			
NGC 2668	UGC 4616	Galaxy	LYN	13.8	13.4	1.2'	08 49.4	+36 43	102	SBab			
NGC 7348	UGC 12142	Galaxy	PEG	13.8	13.4	1.1'	22 40.6	+11 54	213	SBc			
NGC 7629	MCG 0-59-	Galaxy	PSC	13.8	13.4	1'	23 21.3	+01 24	259	SO			
NGC 861	UGC 1737	Galaxy	TRI	13.8	13.4	1.5'	02 15.9	+35 55	92	Sb			
NGC 2523A	UGC 4166	Galaxy	CAM	13.8	13.3	1'	08 04.1	+74 03	7	SBc			disturbed?
NGC 369	ESO 541-17	Galaxy	CET	13.8	13.3	1'	01 05.1	-17 46	307	SBb			
UGC 8323	Mrk 450	Galaxy	CVN	13.8	13.3	1'	13 14.8	+34 53	150	lrr+			
NGC 1163	MCG - 3- 8-	Galaxy	ERI	13.8	13.3	2.2'	03 00.4	-17 09	311	SBbc			
NGC 7264	UGC 12001	Galaxy	LAC	13.8	13.3	2.2'	22 22.2	+36 23	123	Sb			Core . 15'X0.15' mag=15.7
NGC 7212	UGC 1212	Galaxy	PEG	13.8	13.3	1.2'	22 07.0	+10 14	211	Sb			Companion superimposed;distorted
NGC 334	ESO 351-26	Galaxy	SCL	13.8	13.3	1.2'	00 58.8	-35 07	351	SBb			
NGC 4696C	ESO 322-87	Galaxy	CEN	13.8	13.2	1.8'	12 48.0	-40 49	402	Sb			
NGC 6107	UGC 10311	Galaxy	CRB	13.8	13.2	0.9'	16 17.3	+34 54	113	Elliptical			P w NGC 6105 at 3' PA 238;sev other galaxies near
NGC 6443	UGC 10967	Galaxy	HER	13.8	13.2	1.2'	17 44.6	+48 07	81	Sab			
NGC 1335	UGC 2762	Galaxy	PER	13.8	13.2	1.1'	03 30.3	+41 34	63	E-SO			
NGC 7617	MCG 1-59-	Galaxy	PSC	13.8	13.2	0.9'	23 20.1	+08 10	214	SO			
NGC 142	ESO 473-21	Galaxy	CET	13.8	13.1	1.1'	00 31.1	-22 37	306	SBb			
NGC 2553	MCG 4-20-	Galaxy	CNC	13.8	13.1	0.9'	08 17.6	+20 54	141	S			
NGC 2572	UGC 4355	Galaxy	CNC	13.8	13.1	1.3'	08 21.4	+19 09	141	Sa			
NGC 4080	UGC 7068	Galaxy	COM	13.8	13.1	1.2'	12 04.9	+27 00	148	lrr			H III 355
NGC 4869	MCG 5-31-	Galaxy	COM	13.8	13.1	0.7'	12 59.4	+27 55	149	Elliptical			H II 388
NGC 1584	ESO 551- 6	Galaxy	ERI	13.8	13.1	0.8'	04 28.2	-17 31	313	E-SO			
NGC 15	UGC 82	Galaxy	PEG	13.8	13.1	1'	00 09.0	+21 37	125	Sa			
NGC 42	UGC 118	Galaxy	PEG	13.8	13.1	1.1'	00 12.9	+22 06	125	E-SO			p of 2;P w comp at 1 ';PA 77;0.9x0.8;dwarf
NGC 7367	UGC 12175	Galaxy	PEG	13.8	13.1	1.6'	22 44.6	+03 39	258	Sab			
NGC 7511	UGC 12412	Galaxy	PEG	13.8	13.1	1.1'	23 12.4	+13 44	214	S pec			
NGC 7770	UGC 12813	Galaxy	PEG	13.8	13.1	0.8'	23 51.4	+20 06	125	Sa			disturbed;NGC 7769 group

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 159	ESO 150-11	Galaxy	PHE	13.8	13.1	1.4'	00 34.6	-55 47	417	SBO-a			
NGC 505	UGC 924	Galaxy	PSC	13.8	13.1	0.9'	01 23.0	+09 28	173	SO			
NGC 4320	UGC 7452	Galaxy	VIR	13.8	13.1	1'	12 23.0	+10 33	193	Sb			NGC 4325 @ 4.9'
NGC 389	UGC 703	Galaxy	AND	13.8	13	1.3'	01 08.5	+39 42	60	Sa			
NGC 4018	UGC 6966	Galaxy	COM	13.8	13	1.7"	11 58.7	+25 19	147	Sab			
UGC 11465	PGC 63529	Galaxy	CYG	13.8	13	1.3'	19 41.7	+50 38	55	S(B)0			
NGC 3819	MCG 2-30	Galaxy	LEO	13.8	13	0.8'	11 42.1	+10 21	192	Elliptical			
NGC 5251	MCG 5-32	Galaxy	BOO	13.8	12.9	0.7"	13 37.4	+27 25	151	Sa			H III 369
NGC 5276	UGC 8680	Galaxy	CVN	13.8	12.9	0.9'	13 42.4	+35 37	110	SBb			P w NGC 5273 at 3';vB bar or lens
NGC 6390	UGC 10881	Galaxy	DRA	13.8	12.9	1.6'	17 28.5	+60 06	52	Sbc			Sev faint galaxies within 10'
NGC 6225	UGC 10556	Galaxy	HER	13.8	12.9	0.9'	16 48.4	+06 13	202	E-SO			P w NGC 6224;several vF galaxies in field
NGC 7262	ESO 405-17	Galaxy	PSA	13.8	12.9	0.7"	22 23.5	-32 22	384	SO			
NGC 5178	UGC 8478	Galaxy	VIR	13.8	12.9	0.9'	13 29.5	+11 37	195	Sa Ring			
NGC 2636	UGC 4583	Galaxy	CAM	13.8	12.8	0.3'	08 48.4	+73 40	7	EO			compact;disc w v high surf br
NGC 1414	ESO 548-71	Galaxy	ERI	13.8	12.8	1.5'	03 41.0	-21 43	312	SBbc			
NGC 2322	UGC 3662	Galaxy	LYN	13.8	12.8	1.1"	07 06.0	+50 31	42	SBa			H III 874
NGC 7190	UGC 11885	Galaxy	PEG	13.8	12.8	0.9'	22 03.1	+11 12	211	Sa			
NGC 5814	MCG 0-38	Galaxy	VIR	13.8	12.8	0.9'	15 01.4	+01 38	243	Sab			
NGC 5431	MCG 2-36	Galaxy	BOO	13.8	12.7	0.8'	14 03.1	+09 22	196	S pec			
NGC 5637	UGC 9293	Galaxy	BOO	13.8	12.7	0.9'	14 29.0	+23 11	152	Scd			H II 357;slightly asym;high surf brightn
NGC 5795	UGC 9617	Galaxy	BOO	13.8	12.7	1.6'	14 56.3	+49 24	78	Sc			
NGC 1603	MCG - 1-12	Galaxy	ERI	13.8	12.7	0.8'	04 31.8	-05 06	223	E-SO			
NGC 7737	UGC 12745	Galaxy	PEG	13.8	12.7	0.9'	23 42.8	+27 03	169	Sa			
NGC 638	UGC 1170	Galaxy	PSC	13.8	12.7	0.8'	01 39.6	+07 14	173	Sb			
NGC 3880	MCG 6-26	Galaxy	UMA	13.8	12.7	0.7"	11 46.4	+33 10	107	Elliptical			
NGC 5848	NGC 5841	Galaxy	VIR	13.8	12.7	1.1"	15 06.6	+02 00	243	Sa			
NGC 5361	MCG 7-29	Galaxy	CVN	13.8	12.6	0.8"	13 54.6	+38 27	110	S pec			H III 682
NGC 5399	UGC 8912	Galaxy	CVN	13.8	12.6	1.2"	13 59.5	+34 46	110	Sbc			H III 411
NGC 6103	UGC 10302	Galaxy	CRB	13.8	12.5	0.7"	16 15.7	+31 58	113	Sbc			H III 888
NGC 535	UGC 997	Galaxy	CET	13.8	12.4	1"	01 25.5	-01 25	218	Sa			In dense part of cluster
NGC 2522	UGC 4218	Galaxy	CNC	13.8	12.4	1"	08 06.2	+17 42	140	Sa			brightest in group;1st in chain of 5 galaxies
NGC 3376	UGC 5891	Galaxy	SEX	13.8	12.4	0.8"	10 47.4	+06 03	190	S pec			
UGC 5028	PGC 26849	Galaxy	UMA	13.8	12.4	0.7"	09 27.8	+68 25	23	SBdm p			P w UGC 5029 sep 70" E-W
NGC 168	ESO 474- 4	Galaxy	CET	13.8	12.3	1.2"	00 36.6	-22 36	306	Sa			
NGC 7488	MCG 0-59	Galaxy	PSC	13.8	12.3	0.6'	23 07.8	+00 56	258	E-SO			compact
NGC 6120	UGC 10343	Galaxy	CRB	13.8	12.2	0.6'	16 19.8	+37 46	113	Sd			H III 623;Peculiar;P w NGC 6119;UGC 10343
NGC 3601	UGC 6282	Galaxy	LEO	13.8	12.1	0.5"	11 15.6	+05 07	236	Sab			comps 3.8';PA107;0.5'X0.4';4.4';PA85;0.45'X0.1'
NGC 6123	UGC 10333	Galaxy	DRA	13.8	12	0.8"	16 17.3	+61 56	29	Sa			
NGC 7244	MCG 3-56	Galaxy	PEG	13.8	12	0.7"	22 16.4	+16 28	212	Sc			
NGC 5934	UGC 9862	Galaxy	BOO	13.8	11.9	0.7"	15 28.2	+42 56	78	S pec			interact;comp @ 4.7';PA 354;m=15.7
NGC 1601	MCG - 1-12	Galaxy	ERI	13.8	11.9	0.6'	04 31.7	-05 04	223	SO			
NGC 3530	UGC 6188	Galaxy	UMA	13.8	11.7	0.7"	11 08.7	+57 14	46	S			H III 915
NGC 5330	ESO 445-68	Galaxy	HYA	13.8	11.6	0.5"	13 53.0	-28 28	371	Elliptical			
NGC 2767	UGC 4813	Galaxy	UMA	13.8	11.6	0.4"	09 10.2	+50 24	44	S			NGC 2769 group
NGC 4761	MCG - 1-33	Galaxy	VIR	13.8	11.6	0.8"	12 53.2	-09 12	284	Elliptical			
PK 0- 4.2	ESO 456-54	Pln Neb	SGR	13.8	10.2	11.0"	18 07.1	-30 34	377	2			
PK 4- 5.1	M3-26	Pln Neb	SGR	13.8	9.6	9.0"	18 16.2	-27 15	339	4		17.2	
PK 358- 0.2	M1-26	Pln Neb	SCO	13.8	7.9	9.0"	17 46.0	-30 12	377	2		12.1	
NGC 6807	PK 42-6.1	Pln Neb	AQL	13.8	4.8	2"	19 34.6	+05 41	207	2		13.9	
NGC 6833	PK 82+11.1	Pln Neb	CYG	13.8	4.7	2"	19 49.8	+48 58	84	2		15.1	
NGC 317B	NGC 317-2	Galaxy	AND	13.9	-	1.1'	00 57.7	+43 47	60	SBbc			
NGC 7254	NGC 7256	Galaxy	AQR	13.9	-	1.3'	22 22.6	-21 44	347	SBb			
NGC 5504A	NGC 5504	Galaxy	BOO	13.9	-	1.3'	14 12.3	+15 50	197	SBbc			Brightest in group
NGC 5704	NGC 5708	Galaxy	BOO	13.9	-	1.6'	14 38.3	+40 27	77	Sd			H II 649
NGC 580	NGC 577	Galaxy	CET	13.9	-	1.9'	01 30.7	-02 00	218	SBa			
NGC 866	NGC 863	Galaxy	CET	13.9	-	1.1'	02 14.6	-00 46	219	Sa			
NGC 885	NGC 863	Galaxy	CET	13.9	-	1.1'	02 14.6	-00 46	219	Sa			
Abell 400		Gal CL	CET	13.9	-	56"	02 57.6	+06 02	176	1 II-III			17 Gal/Deg; 58 galaxies
NGC 4854	MCG 5-31	Galaxy	COM	13.9	-	1.2"	12 58.8	+27 40	149	SBO			
UGC 8507	PGC 47506	Galaxy	COM	13.9	-	1.4'	13 31.0	+19 27	150	Pec			cigar-shaped w faint envl
NGC 6512	MCG 10-25	Galaxy	DRA	13.9	-	0.5'	17 54.8	+62 39	30	E-SO			
UGC 7941	PGC 43052	Galaxy	DRA	13.9	-	2.9'	12 46.1	+64 34	26	Sd			
NGC 1363	IRAS03324-	Galaxy	ERI	13.9	-	0.9'	03 34.8	-09 51	267	Sbc			
PK 43+11.1	M3-27	Pln Neb	HER	13.9	-	1.0"	18 27.8	+14 29	205	1		15.5	
NGC 1025	ESO 154- 4	Galaxy	HOR	13.9	-	0.9'	02 36.3	-54 52	419	SBb			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 7106	ESO 188-17	Galaxy	IND	13.9	-	1.7'	21 42.6	-52 42	438	SBc			
NGC 4007	NGC 4005	Galaxy	LEO	13.9	-	1.2'	11 58.2	+25 07	147	S pec			H III 325
Mrk 408	CGCG 182-0	Galaxy	LEO	13.9	-		09 48.1	+32 53	104				Very compact
PK 327- 7.1	He2-163	Pln Neb	NOR	13.9	-	22"	16 29.6	-59 09	432				
PK 330- 3.1	He2-159	Pln Neb	NOR	13.9	-	16"	16 24.3	-54 36	432				
UGC 12856	PGC 72977	Galaxy	PEG	13.9	-	1.6'	23 56.8	+16 50	170	Ir+			disturbed w many knots
NGC 1040	NGC 1053-1	Galaxy	PER	13.9	-	1.7'	02 43.2	+41 30	62	SO			
NGC 2221	ESO 121-24	Galaxy	PIC	13.9	-	2'	06 20.3	-57 35	422	Sa			
Abell 194		Gal CL	PSC	13.9	-	56'	01 25.5	-01 30	218	0 1 II			Includes 541 and Minkowski's object ; 37 galaxies
UGC 1102	Arp 306A	Galaxy	PSC	13.9	-	1.4'	01 32.6	+04 35	218	Pec			Dbf sys w UGC 1105 in south part of disk;Symbiotic pr
PK 356- 4.1	Cannon 2-1	Pln Neb	SCO	13.9	-	3"	17 54.6	-34 23	377			14	On north side of M7 star cluster
Ter 6		Glob CL	SCO	13.9	-	1.2'	17 50.7	-31 17	377				
Pal 3		Glob CL	SEX	13.9	-	1.6'	10 05.5	+00 04	234	XII			
PK 15- 4.1	M1-53	Pln Neb	SGR	13.9	-	6.6"	18 35.8	-17 36	340	2		14.3	
Ter 5		Glob CL	SGR	13.9	-	2.1'	17 48.1	-24 47	338				
Abell 1314		Gal CL	UMA	13.9	-	28'	11 34.8	+49 03	73	0 1 III			10 Gal/Deg; 44 galaxies
PK 278+ 5.1	He2- 43	Pln Neb	VEL	13.9	-	15"	10 13.3	-50 20	426			17.6	
NGC 4360A	NGC 4360	Galaxy	VIR	13.9	-	1.5'	12 24.4	+09 18	193	Elliptical			
NGC 4520	IC 799	Galaxy	VIR	13.9	-	1.4'	12 33.8	-07 23	284	E-SO			H II 757
NGC 5491A	UGC 9072	Galaxy	VIR	13.9	-	1.4'	14 11.0	+06 22	197	Sb			H II 890;s of 2;contact pr;UGC 9072
PK 55- 0.1	M1-71	Pln Neb	VUL	13.9	-	4.7"	19 36.5	+19 42	162				
UGC 1547	PGC 7825	Galaxy	ARI	13.9	15.5	2'	02 03.4	+22 02	129	Ir+			
UGC 2023	PGC 9726	Galaxy	TRI	13.9	15.2	2.0'	02 33.3	+33 30	93	Im			
UGC 4797	PGC 25679	Galaxy	HYA	13.9	15.1	2.5'	09 08.1	+05 56	187	S			
UGC 2463	PGC 11371	Galaxy	PER	13.9	15.1	2.3'	03 00.6	+40 15	63	SABm			
UGC 10736	PGC 59668	Galaxy	DRA	13.9	14.9	3.1'	17 08.1	+69 28	29	S(B)dm			
MCG -02-53	Aquarius Dw	Galaxy	AQR	13.9	14.8	2.2'	20 46.8	-12 51	299	IBm			Member of Local Group , aquarius dwarf
NGC 1189	MCG - 3- 8-	Galaxy	ERI	13.9	14.8	1.7'	03 03.4	-15 37	266	SBcd			
PK 171-25.1	Baade 1	Pln Neb	TAU	13.9	14.8	48.0"	03 53.5	+19 28	132	4		17.1	
UGC 11651	PGC 65775	Galaxy	VUL	13.9	14.8	3.4'	20 57.3	+25 58	164	Sdm			
UGC 8246	MCG +06-29	Galaxy	CVN	13.9	14.6	3.3'	13 10.0	+34 11	109	SBc			
UGC 7089	PGC 38356	Galaxy	UMA	13.9	14.6	3.4'	12 05.9	+43 08	74	Sm			
IC 3365	UGC 7563	Galaxy	COM	13.9	14.5	2.1'	12 27.2	+15 54	193	Ir+			Member of Virgo group of galaxies
NGC 7342	UGC 12126	Galaxy	PEG	13.9	14.4	1.4'	22 38.2	+35 30	123	SBa			UGC 12127 group
NGC 920	UGC 1920	Galaxy	AND	13.9	14.3	1.5'	02 27.9	+45 57	62	SBab			IC 1799 group
NGC 5002	UGC 8254	Galaxy	CVN	13.9	14.3	1.7'	13 10.6	+36 38	109	SB			compact
NGC 7412A	ESO 290-28	Galaxy	GRU	13.9	14.3	3.8'	22 57.1	-42 48	415	SBd			
UGC 8508	MCG +09-22	Galaxy	UMA	13.9	14.3	1.4'	13 30.8	+54 55	49	Ir+			
NGC 6532	UGC 11085	Galaxy	DRA	13.9	14.2	1.8'	17 59.2	+56 14	53	Sc			
UGC 6171	PGC 33660	Galaxy	LEO	13.9	14.2	2.2'	11 07.2	+18 34	146	Ir+			
NGC 868	UGC 1748	Galaxy	CET	13.9	14.1	1.3'	02 16.0	-00 43	219	E-SO			
NGC 6902A	ESO 285- 4	Galaxy	SGR	13.9	14.1	1.3'	20 23.0	-44 16	411	SBm			
NGC 4289	UGC 7403	Galaxy	VIR	13.9	14.1	3.9'	12 21.0	+03 43	238	Sc			
NGC 4886	NGC 4882	Galaxy	COM	13.9	14	0.7'	13 00.1	+27 59	149	Elliptical			near 4889
NGC 7	ESO 409-22	Galaxy	SCL	13.9	14	2.2'	00 08.3	-29 55	350	SBc			
NGC 3165	UGC 5512	Galaxy	SEX	13.9	14	1.3'	10 13.5	+03 22	234	Sdm			Irr;NGC 3166 group;NGC 3166 at 4.6' PA50
NGC 5870	NGC 5826	Galaxy	DRA	13.9	13.9	1.2'	15 06.6	+55 29	50	SO			
NGC 6787	UGC 11424	Galaxy	DRA	13.9	13.9	1.2'	19 16.2	+60 25	54	SBb			
NGC 3245A	UGC 5662	Galaxy	LMI	13.9	13.9	3.5'	10 27.0	+28 38	105	SBb			
NGC 7672	MCG 2-59-	Galaxy	PEG	13.9	13.9	0.8'	23 27.5	+12 23	214	Sb			
UGC 12710	PGC 71932	Galaxy	PEG	13.9	13.9	1.3'	23 37.5	+18 00	169	Ir+			very chaotic
NGC 7827	UGC 38	Galaxy	PSC	13.9	13.9	1.2'	00 05.5	+05 13	215	SBO			interaction?
NGC 3214	MCG 10-15-	Galaxy	UMA	13.9	13.9	0.7'	10 23.1	+57 02	45	Sa			
NGC 5836	UGC 9664	Galaxy	UMI	13.9	13.9	1.2'	14 59.5	+73 54	10	SBb Rin			H III 312;VII Zw 576
NGC 6320	UGC 10761	Galaxy	HER	13.9	13.8	1.2'	17 12.9	+40 16	81	Sbc			
NGC 2007	ESO 204-19	Galaxy	PIC	13.9	13.8	1.7'	05 35.0	-50 55	422	Sc			
NGC 3712	UGC 6511	Galaxy	UMA	13.9	13.8	1.7'	11 31.2	+28 34	106	SB/P			
UGC 6840	PGC 37164	Galaxy	UMA	13.9	13.8	2.3'	11 52.1	+52 06	47	SB(rs)m			
NGC 4446	UGC 7586	Galaxy	COM	13.9	13.7	1.1'	12 28.1	+13 55	193	Sc			NGC 4447 @ 1.6';one arm bridges to NGC 4447
NGC 4109	MCG 7-25-	Galaxy	CVN	13.9	13.7	0.7'	12 06.9	+43 00	74	Sa			near 4111
NGC 6801	UGC 11443	Galaxy	CYG	13.9	13.7	1.3'	19 27.6	+54 22	54	Sc			
NGC 3285A	ESO 501- 8	Galaxy	HYA	13.9	13.7	1.2'	10 32.8	-27 31	325	SBc			
NGC 6663	UGC 11276	Galaxy	LYR	13.9	13.7	1'	18 33.6	+40 03	82	Sc			
NGC 479	UGC 893	Galaxy	PSC	13.9	13.7	1.1'	01 21.3	+03 52	218	Sbc Ring			
NGC 5490C	MCG 3-36-	Galaxy	BOO	13.9	13.6	1.1'	14 10.1	+17 37	152	Sbc			At 5' nf NGC 5490;7' s of IC 983

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 5738	MCG 0-38-	Galaxy	VIR	13.9	12.4	1'	14 43.9	+01 36	243	SO			
NGC 3875	UGC 6739	Galaxy	LEO	13.9	12.3	1'	11 45.8	+19 46	147	Sa			H III 387;P w NGC 3873
NGC 7521	MCG 0-59-	Galaxy	PSC	13.9	12.3	0.6'	23 13.6	-01 44	259	SO			
NGC 739	MCG 5- 5-	Galaxy	TRI	13.9	12.3	0.5'	01 56.9	+33 16	92	Sa			
NGC 928	MCG 4- 6-	Galaxy	ARI	13.9	12.2	0.7'	02 27.7	+27 13	130	S			
NGC 4410B	NGC 4410-2	Galaxy	VIR	13.9	12.2	0.5'	12 26.5	+09 01	193	Sbc			Double system w NGC 4410A @ 0.3';contact
NGC 3015	UGC 5261	Galaxy	SEX	13.9	12	0.5'	09 49.4	+01 09	233	SO			brightest of 3
NGC 2504	UGC 4152	Galaxy	CMI	13.9	11.9	0.5'	07 59.9	+05 36	185	Pec			peculiar
NGC 7781	MCG 1-60-	Galaxy	PSC	13.9	11.9	0.8'	23 53.8	+07 52	170	S			
PK 193- 9.1	Haro 3-75	Pln Neb	TAU	13.9	11.9	24"	05 40.7	+12 21	181			14.2	
NGC 6462	MCG 10-25-	Galaxy	DRA	13.9	11.8	0.4'	17 44.8	+61 55	30	Elliptical			
PK 198- 6.1	Abell 12	Pln Neb	ORI	13.9	11.3	37"	06 02.4	+09 39	181			19.7	On NW edge OF Mu Ori;star makes ID difficult
UGC 3973	Mkn 79	Galaxy	LYN	13.9	11	1.4'	07 42.5	+49 49	69	SBb			Seyfert
PK 13- 7.1	Peimbert 21	Pln Neb	SGR	13.9	10.7	14.9"	18 45.6	-20 35	340	?(3)		18.4	
PK 22- 3.1	M1-58	Pln Neb	SCT	13.9	9.1	7"	18 43.0	-11 07	295	2			13"-vF; S; R; nBM; difficult
PK 107-13.1	VY 2-3	Pln Neb	AND	13.9	7.8	4.6"	23 23.0	+46 54	88	2		14.7	
PK 226+ 5.1	M1-16	Pln Neb	MON	13.9	6.8	3"	07 37.3	-09 39	274	?(4)		16.9	
NGC 82		Star	AND	14	-		00 21.3	+22 28	126				
NGC 620	UGC 1150	Galaxy	AND	14	-	1'	01 37.0	+42 19	61	Compac			peculiar
NGC 704	UGC 1343	Galaxy	AND	14	-	0.6'	01 52.6	+36 08	92	S pec			H III 563;Double system;Symbiotic
NGC 6772	PK 33-6.1	Pln Neb	AQL	14	-	75"	19 14.6	-02 42	251	3b(2)		18.1	H IV 14;PK33-6.1
NGC 6900	MCG 0-52-	Galaxy	AQL	14	-	1'	20 21.6	-02 34	253	Sb			
PK 38- 3.2	M1-69	Pln Neb	AQL	14	-	5"	19 13.9	+03 38	251	1			
NGC 6968	MCG - 2-53-	Galaxy	AQR	14	-	1.5'	20 48.5	-08 22	299	E-SO			
NGC 7010	IC 5082	Galaxy	AQR	14	-	1.9'	21 04.7	-12 20	300	Elliptical			
NGC 7051	MCG - 2-54-	Galaxy	AQR	14	-	1.4'	21 19.9	-08 47	300	Sa			
NGC 7121	MCG - 1-55-	Galaxy	AQR	14	-	1.1'	21 44.9	-03 37	256	Sbc			
NGC 7165	MCG - 3-56-	Galaxy	AQR	14	-	0.9'	21 59.4	-16 31	301	Sab Ring			H III 930
NGC 7230	MCG - 3-56-	Galaxy	AQR	14	-	0.9'	22 14.2	-17 05	347	SBbc			H III 931
NGC 7260	NGC 7257	Galaxy	AQR	14	-	1.9'	22 22.6	-04 07	257	SBbc			
NGC 7269	MCG - 2-57-	Galaxy	AQR	14	-	1'	22 25.8	-13 10	302	Sb			
NGC 7308	IC 1448	Galaxy	AQR	14	-	1.2'	22 34.5	-12 56	302	E-SO			
NGC 7344	MCG - 1-57-	Galaxy	AQR	14	-	1.5'	22 39.6	-04 10	257	Sab			
NGC 7393	MCG - 1-58-	Galaxy	AQR	14	-	2'	22 51.6	-05 33	303	SBc/P			H II 453
NGC 7399	MCG - 2-58-	Galaxy	AQR	14	-	0.9'	22 52.7	-09 16	303	Sa			
NGC 7573	ESO 604- 8	Galaxy	AQR	14	-	1.3'	23 16.4	-22 09	349	SBc			
NGC 7592	MCG - 1-59-	Galaxy	AQR	14	-	1.1'	23 18.4	-04 25	259	Sa			H III 186;colliding pair
NGC 7759	MCG - 3-60-	Galaxy	AQR	14	-	1.3'	23 48.9	-16 32	260	SBO			
NGC 7761	IC 5361	Galaxy	AQR	14	-	1.2'	23 51.5	-13 23	260	SO			
Berk 17		Opn CL	AUR	14	-	14'	05 20.6	+30 35	97	III 1 r	100	16	
Berk 18		Opn CL	AUR	14	-	12'	05 22.2	+45 28	66	II 1 r	300	16	
NGC 5463A	NGC 5463	Galaxy	BOO	14	-	1.2'	14 06.2	+09 21	196	S pec			
NGC 5545	UGC 9143	Galaxy	BOO	14	-	1'	14 17.1	+36 34	110	Sbc			B cent lens (or bar);2 main B arms;in front of N 5544
NGC 5603A	NGC 5603	Galaxy	BOO	14	-	1.1'	14 23.0	+40 23	77	SO			H III 734;Brightest in group;P w UGC 9216
NGC 5655	UGC 9333	Galaxy	BOO	14	-	1.1'	14 30.9	+13 58	197	Sc			
NGC 5875A	UGC 9741	Galaxy	BOO	14	-	0.6'	15 08.6	+52 18	50	S pec			
NGC 2336A	UGC 4066	Galaxy	CAM	14	-	1.7'	07 56.3	+78 01	7	Sc			diffuse arms;chain of bright patches in one
NGC 2760	MCG+13-07-	Galaxy	CAM	14	-	0.5'	09 24.2	+76 32	8				
NGC 6898	MCG - 2-52-	Galaxy	CAP	14	-	1.2'	20 21.1	-12 22	298	Sa			
NGC 6931	MCG - 2-52-	Galaxy	CAP	14	-	1'	20 33.7	-11 22	299	Sb			
NGC 7018	ESO 529-27	Galaxy	CAP	14	-	1.3'	21 07.4	-25 26	345	Elliptical			
NGC 7073	MCG - 2-54-	Galaxy	CAP	14	-	0.9'	21 29.4	-11 29	300	Sbc			
NGC 7131	MCG - 2-55-	Galaxy	CAP	14	-	1.7'	21 47.6	-13 11	301	SO			
NGC 2714	ESO 125- 7	Galaxy	CAR	14	-	0.9'	08 53.5	-59 13	425	E			
NGC 5193A	ESO 383-14	Galaxy	CEN	14	-	1.3'	13 31.8	-33 14	370	SO			
NGC 35	MCG - 2- 1-	Galaxy	CET	14	-	0.7'	00 11.2	-12 01	260	Sb			
NGC 64	MCG - 1- 1-	Galaxy	CET	14	-	1.6'	00 17.5	-06 50	261	SBbc			
NGC 102	MCG - 2- 2-	Galaxy	CET	14	-	1'	00 24.6	-13 57	261	SBO-a			
NGC 154	MCG - 2- 2-	Galaxy	CET	14	-	1.1'	00 34.3	-12 39	261	Elliptical			H III 467
NGC 196	UGC 405	Galaxy	CET	14	-	1.3'	00 39.3	+00 55	216	SBO			H II 860;NGC 192 group;contact P w NGC 197
NGC 235A	ESO 474-16	Galaxy	CET	14	-	1.3'	00 42.9	-23 33	306	SO			
NGC 263	MCG - 2- 3-	Galaxy	CET	14	-	0.7'	00 48.8	-13 06	262	Sbc			
NGC 308		Star	CET	14	-		00 56.6	-01 47	217				
NGC 340	MCG - 1- 3-	Galaxy	CET	14	-	0.9'	01 00.6	-06 52	262	Sb			
NGC 343		Star	CET	14	-		00 58.4	-23 14	307				

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 481	MCG -2-4-	Galaxy	CET	14	-	1.7'	01 21.2	-09 13	263	E-SO			
NGC 487	MCG -3-4-	Galaxy	CET	14	-	1.1'	01 21.9	-16 22	263	Sa			
NGC 567	MCG -2-4-	Galaxy	CET	14	-	1'	01 27.0	-10 16	263	SO			
NGC 589	MCG -2-5-	Galaxy	CET	14	-	1.1'	01 32.7	-12 03	263	Sa			
NGC 593	MCG -2-5-	Galaxy	CET	14	-	1.2'	01 32.3	-12 21	263	SO			
NGC 594	MCG -3-5-	Galaxy	CET	14	-	1.4'	01 33.0	-16 32	263	Sbc			
NGC 624	MCG -2-5-	Galaxy	CET	14	-	1.5'	01 35.9	-10 00	263	Sb			H III 471
NGC 647	MCG -2-5-	Galaxy	CET	14	-	1.5'	01 39.9	-09 15	263	SO			
NGC 648	IC 146	Galaxy	CET	14	-	1.1'	01 38.7	-17 50	308	E-SO			
NGC 655	MCG -2-5-	Galaxy	CET	14	-	1.4'	01 41.9	-13 05	263	SO			
NGC 699	MCG -2-5-	Galaxy	CET	14	-	1.6'	01 50.7	-12 02	263	Sbc			
NGC 707	MCG -2-5-	Galaxy	CET	14	-	1.3'	01 51.5	-08 30	263	E-SO			
NGC 725	MCG -3-5-	Galaxy	CET	14	-	0.8'	01 52.6	-16 31	264	Sc			
NGC 726	MCG -2-6-	Galaxy	CET	14	-	1.2'	01 55.5	-10 48	264	Sd			
NGC 767	MCG -2-6-	Galaxy	CET	14	-	1.1'	01 58.8	-09 35	264	Sb			
NGC 773	MCG -2-6-	Galaxy	CET	14	-	1.4'	01 58.9	-11 31	264	Sa			H III 468
NGC 806	MCG -2-6-	Galaxy	CET	14	-	1.2'	02 03.5	-09 56	264	Sc			
NGC 809	MCG -2-6-	Galaxy	CET	14	-	1.5'	02 04.3	-08 44	264	SO			
NGC 811	MCG -2-6-	Galaxy	CET	14	-	1.1'	02 04.6	-10 07	264	Scd			
NGC 829	MCG -1-6-	Galaxy	CET	14	-	1.1'	02 08.7	-07 47	264	Sc			
NGC 830	MCG -1-6-	Galaxy	CET	14	-	1.4'	02 09.0	-07 46	264	E-SO			
NGC 867	NGC 875	Galaxy	CET	14	-	1.2'	02 17.1	+01 15	219	Sa			H III 2
NGC 902	MCG -3-7-	Galaxy	CET	14	-	0.6'	02 22.4	-16 41	264	SBbc			
NGC 921	MCG -3-7-	Galaxy	CET	14	-	1.4'	02 26.6	-15 51	265	Sc			
NGC 942	MCG -2-7-	Galaxy	CET	14	-	2.8'	02 29.2	-10 50	265	Sa			Northern most of a P w NGC 942;RC2 indents switched
NGC 943	MCG -2-7-	Galaxy	CET	14	-	2.8'	02 29.2	-10 50	265	SOp			P w NGC 943
NGC 944	IC 228	Galaxy	CET	14	-	1.1'	02 26.7	-14 31	265	Sa			
NGC 948	MCG -2-7-	Galaxy	CET	14	-	1.4'	02 28.8	-10 31	265	SBc			
NGC 950	MCG -2-7-	Galaxy	CET	14	-	1.3'	02 29.2	-11 02	265	Sb			
NGC 960	MCG -2-7-	Galaxy	CET	14	-	1.2'	02 31.7	-09 18	265	Sb			
NGC 981	MCG -2-7-	Galaxy	CET	14	-	1'	02 33.0	-10 58	265	Sc			
NGC 1010	NGC 1006	Galaxy	CET	14	-	0.9'	02 37.6	-11 02	265	Sc			
NGC 1013	MCG -2-7-	Galaxy	CET	14	-	0.8'	02 37.8	-11 30	265	Sa			
NGC 1017	MCG -2-7-	Galaxy	CET	14	-	0.7'	02 37.8	-11 01	265	Ir			
NGC 1033	MCG -2-7-	Galaxy	CET	14	-	1.2'	02 40.3	-08 47	265	Sc			
NGC 1034	MCG -3-7-	Galaxy	CET	14	-	0.9'	02 38.2	-15 49	265	Ir			
NGC 1041	MCG -1-7-	Galaxy	CET	14	-	1.7'	02 40.4	-05 26	220	E-SO			
NGC 1048B	NGC 1048	Galaxy	CET	14	-	1'	02 40.6	-08 32	265	SBO-a			
NGC 1063	MCG -1-7-	Galaxy	CET	14	-	1.4'	02 42.2	-05 34	265	SBbc			
NGC 1064	MCG -2-7-	Galaxy	CET	14	-	1.1'	02 42.4	-09 22	265	Sc Ring			
NGC 1065	IC 254	Galaxy	CET	14	-	0.8'	02 42.1	-15 06	265	E-SO			
NGC 1074	MCG -3-8-	Galaxy	CET	14	-	2'	02 43.6	-16 18	265	Sab			
NGC 1143	NGC 1141	Galaxy	CET	14	-	0.9'	02 55.2	-00 11	220	Elliptical			
NGC 7821	MCG -3-1-	Galaxy	CET	14	-	1.4'	00 05.3	-16 29	260	Sc			
UGC 711	MCG +00-04	Galaxy	CET	14	-	3.9'	01 08.7	+01 39	217	Sc			
UGC 1072	PGC 5574	Galaxy	CET	14	-	1.2'	01 29.8	-01 15	218	SO			vF companion on west side
NGC 2783A	NGC 2783	Galaxy	CNC	14	-	2.2'	09 13.7	+30 00	103	Elliptical			H III 295;NGC 2778 group
NGC 4019	IC 755	Galaxy	COM	14	-	2.4'	12 01.2	+14 06	193	SBb			
NGC 6131A	NGC 6131	Galaxy	CRB	14	-	1'	16 21.9	+38 56	114	SBc			
NGC 6137A	NGC 6137	Galaxy	CRB	14	-	1.9'	16 23.1	+37 55	114	Elliptical			H III 624;sf of 2;sev 15..16 mag galxs in 20';UGC 10364
NGC 3431	MCG -3-28-	Galaxy	CRT	14	-	1.3'	10 51.3	-17 01	325	Sb			
NGC 3459	MCG -3-28-	Galaxy	CRT	14	-	1.6'	10 54.7	-17 03	325	Sab			
NGC 3469	MCG -2-28-	Galaxy	CRT	14	-	1.7'	10 57.0	-14 18	281	SBab Ri			
NGC 3481	MCG -1-28-	Galaxy	CRT	14	-	0.9'	10 59.4	-07 33	281	Pec			
NGC 3502	NGC 3479	Galaxy	CRT	14	-	1.8'	10 58.9	-14 58	281	SBbc			
NGC 3505	NGC 3508	Galaxy	CRT	14	-	1.1'	11 03.0	-16 17	281	Sb			
NGC 3508	NGC 3505	Galaxy	CRT	14	-	1.1'	11 03.0	-16 17	281	Sb			H II 507
NGC 3529	IC 2625	Galaxy	CRT	14	-	1'	11 07.3	-19 33	326	SBb			
NGC 3537		Galaxy	CRT	14	-	1.2'	11 08.4	-10 15	281	Sab			
NGC 3546	MCG -2-29-	Galaxy	CRT	14	-	1.3'	11 09.8	-13 23	281	E-SO			
NGC 3591	MCG -2-29-	Galaxy	CRT	14	-	1.3'	11 14.1	-14 05	281	Sa			H III 529
NGC 3661	IC 689	Galaxy	CRT	14	-	1.6'	11 23.6	-13 50	281	Sa			H III 530
NGC 3704	NGC 3707	Galaxy	CRT	14	-	1.6'	11 30.1	-11 33	282	Elliptical			
NGC 3723	MCG -2-30-	Galaxy	CRT	14	-	1'	11 32.5	-09 58	282	E-SO			
NGC 3730	MCG -1-30-	Galaxy	CRT	14	-	1'	11 34.3	-09 35	282	Elliptical			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 3734	MCG - 2-30	Galaxy	CRT	14	-	1.3'	11 34.7	-14 05	282	Sbc			H III 935
NGC 3777	MCG - 2-30	Galaxy	CRT	14	-	1.1'	11 36.1	-12 34	282	Sab			
NGC 3779	IC 717	Galaxy	CRT	14	-	1.9'	11 38.8	-10 35	282	Scd			
NGC 3823	MCG - 2-30	Galaxy	CRT	14	-	1.5'	11 42.3	-13 52	282	Elliptical			
NGC 3831	MCG - 2-30	Galaxy	CRT	14	-	2.7"	11 43.3	-12 53	282	Sa Ring			
NGC 3858	NGC 3866	Galaxy	CRT	14	-	1.4'	11 45.2	-09 19	282	Sa			
NGC 3866	NGC 3858	Galaxy	CRT	14	-	1.4'	11 45.2	-09 19	282	Sa			
NGC 3942	MCG - 2-30	Galaxy	CRT	14	-	1.5'	11 51.5	-11 26	282	Sc			
NGC 3959	MCG - 1-30	Galaxy	CRT	14	-	1.1'	11 54.6	-07 45	282	SBa			
NGC 3970	MCG - 2-30	Galaxy	CRT	14	-	1.2'	11 55.5	-12 04	282	SO			
NGC 3974	MCG - 2-31	Galaxy	CRT	14	-	1.2'	11 55.7	-12 02	282	SBO-a F			
NGC 4035	MCG - 3-31	Galaxy	CRV	14	-	1.1'	12 00.5	-15 57	283	SBbc			H III 279
NGC 4188	MCG - 2-31	Galaxy	CRV	14	-	0.7'	12 14.1	-12 35	283	Sb			
NGC 4225	MCG - 2-31	Galaxy	CRV	14	-	0.7'	12 16.6	-12 20	283	Sa			
NGC 4263	NGC 4265	Galaxy	CRV	14	-	1.2'	12 19.7	-12 14	283	Sb			H III 535
NGC 4329	MCG - 2-32	Galaxy	CRV	14	-	1.1'	12 23.3	-12 34	283	Elliptical			
NGC 4524	MCG - 2-32	Galaxy	CRV	14	-	1.3'	12 33.9	-12 02	284	Sbc			
NGC 4714	MCG - 2-33	Galaxy	CRV	14	-	1.6'	12 50.3	-13 20	284	E-SO			H III 536
NGC 4726	IC 3834	Galaxy	CRV	14	-	0.7'	12 50.8	-14 16	284	SO			
NGC 4794	MCG - 2-33	Galaxy	CRV	14	-	1.7'	12 55.2	-12 37	284	SBa			H II 538
NGC 4167	NGC 4163	Galaxy	CVN	14	-	1.9'	12 12.2	+36 10	107	Ir			
NGC 2908	UGC 5152	Galaxy	DRA	14	-	0.8'	09 43.5	+79 42	8	S pec			H III 977
NGC 6088A	MCG 10-23	Galaxy	DRA	14	-	0.4'	16 10.7	+57 28	51	Sbc			H III 812;Double system
NGC 6090	UGC 10267	Galaxy	DRA	14	-	0.6'	16 11.7	+52 27	51	Sab			In chain of galaxies
NGC 6111	MCG 11-20	Galaxy	DRA	14	-	0.7'	16 14.4	+63 16	29	Elliptical			
NGC 6226	UGC 10532	Galaxy	DRA	14	-	0.8'	16 43.4	+61 59	29	S pec			
NGC 6376	UGC 10855	Galaxy	DRA	14	-	0.5'	17 25.3	+58 49	52	Sc			Multiple system diff to determine sep
NGC 6377	UGC 10855	Galaxy	DRA	14	-	0.7'	17 25.4	+58 49	52	Sbc			In group of 3
NGC 6538	UGC 11062	Galaxy	DRA	14	-	1'	17 54.3	+73 25	12	S pec			
NGC 6598	UGC 11139	Galaxy	DRA	14	-	1.5'	18 08.9	+69 04	30	S			
NGC 6636	UGC 11221	Galaxy	DRA	14	-	2.1'	18 22.0	+66 38	30	Sc			Disrupted contact pair
NGC 1083	MCG - 3- 8-	Galaxy	ERI	14	-	1.6'	02 45.7	-15 21	265	Sb			
NGC 1089	MCG - 3- 8-	Galaxy	ERI	14	-	0.9'	02 46.2	-15 04	265	Elliptical			
NGC 1102	ESO 546-19	Galaxy	ERI	14	-	0.8'	02 47.2	-22 13	310	SBb			
NGC 1110	MCG -01-08	Galaxy	ERI	14	-	2.9'	02 49.2	-07 50	265	Sm			
NGC 1118	MCG - 2- 8-	Galaxy	ERI	14	-	2.2'	02 50.0	-12 10	265	SO			
NGC 1120	MCG -03-08	Galaxy	ERI	14	-	1.3'	02 49.1	-14 28	265	E-SO			
NGC 1154	MCG - 2- 8-	Galaxy	ERI	14	-	1'	02 58.1	-10 22	266	Sc			
NGC 1155	MCG - 2- 8-	Galaxy	ERI	14	-	1'	02 58.2	-10 21	266	SO			
NGC 1195	MCG - 2- 8-	Galaxy	ERI	14	-	0.5'	03 03.5	-12 02	266	E-SO			
NGC 1196	MCG - 2- 8-	Galaxy	ERI	14	-	1.4'	03 03.6	-12 05	266	SO			
NGC 1208	MCG - 2- 8-	Galaxy	ERI	14	-	1.9'	03 06.2	-09 32	266	Sa			H II 285
NGC 1238	MCG - 2- 9-	Galaxy	ERI	14	-	1.6'	03 10.9	-10 45	266	Elliptical			
NGC 1266	MCG - 1- 9-	Galaxy	ERI	14	-	1.6'	03 16.0	-02 26	221	SO			H III 194
NGC 1284	MCG - 2- 9-	Galaxy	ERI	14	-	1.7'	03 17.8	-10 17	266	SO			H III 956
NGC 1285	MCG - 1- 9-	Galaxy	ERI	14	-	1.5'	03 17.9	-07 18	266	SB Ring			
NGC 1296	MCG - 2- 9-	Galaxy	ERI	14	-	1.1'	03 18.8	-13 04	266	Sab			
NGC 1299	MCG - 1- 9-	Galaxy	ERI	14	-	1.2'	03 20.2	-06 16	266	Sb			H II 287
NGC 1321	MCG - 1- 9-	Galaxy	ERI	14	-	0.9'	03 24.8	-03 01	221	Sa			H III 196
NGC 1324	MCG - 1- 9-	Galaxy	ERI	14	-	2.1'	03 25.0	-05 45	266	Sb			H III 445
NGC 1354	MCG - 3-10-	Galaxy	ERI	14	-	2.3'	03 32.5	-15 13	267	Sa			H III 487
NGC 1437A	ESO 358-54	Galaxy	ERI	14	-	1.8'	03 43.0	-36 16	356	SBd			
NGC 1594	IC 2075	Galaxy	ERI	14	-	1.8'	04 30.9	-05 48	268	SBbc			
NGC 1626	NGC 1621	Galaxy	ERI	14	-	1.4'	04 36.4	-04 59	224	E			
NGC 1628	MCG - 1-12-	Galaxy	ERI	14	-	1.9'	04 37.6	-04 43	224	Sb			
NGC 1636	MCG - 1-12-	Galaxy	ERI	14	-	1.2'	04 40.7	-08 37	269	Sab			H II 522
NGC 1643	MCG - 1-13-	Galaxy	ERI	14	-	1.2'	04 43.7	-05 19	224	Sbc			H III 588
NGC 1645	MCG - 1-13-	Galaxy	ERI	14	-	2.4'	04 44.1	-05 28	224	Sa Ring			
NGC 1650	MCG - 3-13-	Galaxy	ERI	14	-	2.3'	04 45.2	-15 52	269	Elliptical			
NGC 1656	MCG - 1-13-	Galaxy	ERI	14	-	1.5'	04 45.9	-05 08	224	Sa			
NGC 1665	MCG - 1-13-	Galaxy	ERI	14	-	1.8'	04 48.3	-05 26	224	SO			H II 457
NGC 1686	MCG - 3-13-	Galaxy	ERI	14	-	1.7'	04 52.9	-15 21	269	Sbc			
NGC 6150A	NGC 6150	Galaxy	HER	14	-	1'	16 25.8	+40 29	80	Elliptical			H III 639
NGC 6579	UGC 11153	Galaxy	HER	14	-	0.4'	18 12.5	+21 25	159	S			Triple system
NGC 6580	UGC 11153	Galaxy	HER	14	-	1.3'	18 12.6	+21 26	159	Elliptical			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Abell 2197		Gal CL	HER	14	-	89.6'	16 27.7	+40 55	80	1 1 III			Centered on E-W chain of 6146 6160 and 6173; 73 gala
NGC 2574	MCG - 1-22-	Galaxy	HYA	14	-	2.3'	08 20.8	-08 55	276	Sab			
NGC 2881	MCG - 2-24-	Galaxy	HYA	14	-	1.1'	09 25.9	-12 00	278	S			
NGC 3045	ESO 566-22	Galaxy	HYA	14	-	1.4'	09 53.3	-18 39	324	Sb			
NGC 3127	MCG - 3-26-	Galaxy	HYA	14	-	1.2'	10 06.4	-16 08	279	Sb			
NGC 3128	MCG - 3-26-	Galaxy	HYA	14	-	1.6'	10 06.0	-16 07	279	Sb			
NGC 3290	MCG - 3-27-	Galaxy	HYA	14	-	1'	10 35.3	-17 17	325	SBbc/P			
NGC 3314	ESO 501-46	Galaxy	HYA	14	-	1.5'	10 37.2	-27 41	325	SBap			
NGC 3321	NGC 3322	Galaxy	HYA	14	-	2.5'	10 38.8	-11 39	280	Sc			
NGC 3404	IC 2609	Galaxy	HYA	14	-	2.1'	10 50.3	-12 07	280	SBab			
NGC 3420	MCG - 3-28-	Galaxy	HYA	14	-	1.3'	10 50.2	-17 15	325	SBa			
NGC 3421	IC 652	Galaxy	HYA	14	-	1.8'	10 51.0	-12 27	280	Sa Ring			
NGC 6990	ESO 187-43	Galaxy	IND	14	-	1.2'	21 00.0	-55 34	437	Sa			
NGC 3861A	UGC 6724	Galaxy	LEO	14	-	2.3'	11 45.1	+19 58	147	Sb Ring			npp of 2;contact
NGC 4004A	NGC 4004	Galaxy	LEO	14	-	1.8'	11 58.1	+27 53	147	Ir			H III 354;UGC 6950
Abell 1367		Gal CL	LEO	14	-	100.8	11 44.5	+19 50	147	2 I II-III			More GALXYS >14 mag than any GALCL; 117 galaxies
NGC 1710	IC 2108	Galaxy	LEP	14	-	1.3'	04 57.3	-15 17	269	E-SO			
NGC 1821	MCG - 3-14-	Galaxy	LEP	14	-	1.2'	05 11.8	-15 08	270	Ir			
NGC 1889	MCG - 2-14-	Galaxy	LEP	14	-	0.6'	05 22.6	-11 30	270	E0			
NGC 1906	MCG - 3-14-	Galaxy	LEP	14	-	0.9'	05 24.8	-15 57	270	Scd			
NGC 5742	MCG - 2-38-	Galaxy	LIB	14	-	1.3'	14 45.6	-11 49	288	SO			
NGC 5745	MCG - 2-38-	Galaxy	LIB	14	-	1.7'	14 45.0	-13 57	288	Sa			
NGC 5781	MCG - 3-38-	Galaxy	LIB	14	-	1.4'	14 56.7	-17 15	333	SBb			
NGC 5809	MCG - 2-38-	Galaxy	LIB	14	-	1.4'	15 00.9	-14 10	288	Sa			
NGC 5815	MCG - 3-38-	Galaxy	LIB	14	-	0.8'	15 00.5	-16 50	288	Sb			
NGC 5858	MCG - 2-39-	Galaxy	LIB	14	-	2'	15 08.8	-11 13	288	E6			
NGC 5872	MCG - 2-39-	Galaxy	LIB	14	-	1.5'	15 10.9	-11 29	288	SO			
NGC 5890	MCG - 3-39-	Galaxy	LIB	14	-	1.6'	15 17.9	-17 35	334	Sa			
NGC 5891	MCG - 2-39-	Galaxy	LIB	14	-	0.8'	15 16.2	-11 30	289	Sbc			
NGC 5916	MCG - 2-39-	Galaxy	LIB	14	-	2.3'	15 21.6	-13 10	289	SBap			
NGC 5959	MCG - 3-40-	Galaxy	LIB	14	-	2'	15 37.4	-16 36	289	Elliptical			
NGC 5978	MCG - 2-40-	Galaxy	LIB	14	-	0.8'	15 42.5	-13 14	289	Sa			
NGC 5995	MCG - 2-40-	Galaxy	LIB	14	-	0.9'	15 48.4	-13 45	290	Sa			
NGC 2330	IC 457	Galaxy	LYN	14	-	0.4'	07 09.5	+50 09	42	Elliptical			
NGC 2429A	NGC 2429	Galaxy	LYN	14	-	1.5'	07 43.8	+52 21	43	Sbc			distorted early spiral interacting w comp at 0.8
NGC 2462	MCG 10-12	Galaxy	LYN	14	-	0.4'	07 56.5	+56 41	43	S			
PK 164+31.	PNG 164.8+	Pln Neb	LYN	14	-	6.3'	07 57.8	+53 25	43	4		16.8	confused with NGC 2474; see Sky+Tel Apr 81 pg. 368
NGC 6657	UGC 11271	Galaxy	LYR	14	-	0.7'	18 33.0	+34 04	117	SBc			
NGC 6671	UGC 11299	Galaxy	LYR	14	-	1.5'	18 37.4	+26 25	160	S pec			
NGC 6713	UGC 11365	Galaxy	LYR	14	-	0.4'	18 50.7	+33 58	117	SO			
NGC 6947	ESO 401- 3	Galaxy	MIC	14	-	1.6'	20 41.3	-32 29	381	SBb			
NGC 2225		Opn CL	MON	14	-	1.5'	06 26.6	-09 38	272	1		14	small scattered cluster;compressed core;40 stars
NGC 2226		Opn CL	MON	14	-	1.5'	06 26.6	-09 39	272	1			compressed core of NGC 2225
PK 3+ 3.1	ESO 520-14	Pln Neb	OPH	14	-	3.5"	17 40.1	-24 26	338	2		21	
PK 4+ 4.1	M1-25	Pln Neb	OPH	14	-	4.7"	17 38.5	-22 09	338	2		17.9	
PK 358+ 4.1	M3- 8	Pln Neb	OPH	14	-	5.6"	17 24.9	-28 06	376	2			
NGC 1682	MCG - 1-13-	Galaxy	ORI	14	-	0.8'	04 52.3	-03 06	224	E-SO			H II 527
NGC 2110	MCG - 1-15-	Galaxy	ORI	14	-	1.7'	05 52.2	-07 27	271	E-SO			H III 448;III 510
NGC 7433	MCG 4-54-	Galaxy	PEG	14	-	0.7'	22 57.9	+26 10	168	S pec			Double system w NGC 7436A;B
NGC 7436A	NGC 7436	Galaxy	PEG	14	-	2'	22 58.0	+26 09	168	Elliptical			H III 243
NGC 7579	MCG 1-59-	Galaxy	PEG	14	-	0.5'	23 17.6	+09 26	214	Compac			compact
NGC 1077B	NGC 1077-2	Galaxy	PER	14	-	0.5'	02 46.0	+40 06	62	SBb			
NGC 1159	UGC 2467	Galaxy	PER	14	-	0.5'	03 00.8	+43 10	63	SO			
NGC 7115	ESO 531-25	Galaxy	PSA	14	-	1.7'	21 43.7	-25 21	346	Sb			
NGC 472	UGC 870	Galaxy	PSC	14	-	1.3'	01 20.5	+32 42	91	Sa			very compact
NGC 7556	MCG - 1-59-	Galaxy	PSC	14	-	2.5'	23 15.7	-02 23	259	E-SO			H II 235
NGC 7694	MCG - 1-60-	Galaxy	PSC	14	-	1.6'	23 33.3	-02 42	259	Ir			H III 187
NGC 7701	MCG - 1-60-	Galaxy	PSC	14	-	1.2'	23 34.5	-02 51	259	Sb			H III 188
NGC 7756		Galaxy	PSC	14	-	0.5'	23 48.7	+04 11	215	S			
NGC 2501	MCG - 2-21-	Galaxy	PUP	14	-	1.4'	07 58.5	-14 21	275	SO			
PK 234- 0.1	M1-15	Pln Neb	PUP	14	-	1"	07 31.8	-19 27	319				Stellar
NGC 526B	ESO 352-66	Galaxy	SCL	14	-	0.8'	01 23.9	-35 04	352	SO			
NGC 6421	ESO 393-22	Opn CL	SCO	14	-	1'	17 45.7	-33 42	377				
PK 343+11.	Haro 1- 1	Pln Neb	SCO	14	-	2.5"	16 13.5	-34 36	374	2		17.3	
PK 350- 3.1	Haro 1-26	Pln Neb	SCO	14	-	23"	17 36.5	-39 22	408	4			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
PK 350+ 4.1	Haro 2- 1	Pln Neb	SCO	14	-	5.6"	17 04.6	-33 59	376	2		12.9	
PK 355- 4.1	Hoffleit 2-1	Pln Neb	SCO	14	-	11"	17 51.2	-34 55	377	3			
PK 357- 3.2	M2-16	Pln Neb	SCO	14	-	6.2"	17 52.6	-32 46	377	2			
NGC 6008A	NGC 6008	Galaxy	SER	14	-	1.4'	15 52.9	+21 06	155	SBb			np of 2
NGC 6080	UGC 10268	Galaxy	SER	14	-	1.2'	16 13.0	+02 11	245	Sab			
NGC 2979	NGC 3050	Galaxy	SEX	14	-	1.5'	09 43.1	-10 23	278	Sa			H III 521
NGC 3014	MCG - 1-25-	Galaxy	SEX	14	-	1'	09 49.1	-04 45	233	Sbc			
NGC 3022	MCG - 1-25-	Galaxy	SEX	14	-	1.6'	09 49.7	-05 10	233	SO			
NGC 3142	MCG - 1-26-	Galaxy	SEX	14	-	1'	10 10.1	-08 29	279	SO			
PK 1- 6.1		Pln Neb	SGR	14	-	10"	18 15.4	-30 32	377			12.5	
PK 8- 4.2	M2-42	Pln Neb	SGR	14	-	4.7"	18 22.6	-24 10	339	2		18.2	
PK 9- 4.1	Haro 1-67	Pln Neb	SGR	14	-	6.3"	18 25.1	-22 35	340	2			
NGC 1409	UGC 2821	Galaxy	TAU	14	-	1'	03 41.2	-01 18	222	SBO			DbI sys;distorted;post-eruptive pair: red;patchy;halo
NGC 1410	UGC 2821	Galaxy	TAU	14	-	0.8'	03 41.2	-01 18	222	E1p			blue ellipse;mp=15.4
NGC 1474	IC 2002	Galaxy	TAU	14	-	1.1'	03 54.5	+10 42	177	SBa			
NGC 751	UGC 1431	Galaxy	TRI	14	-	1.8'	01 57.6	+33 12	92	EO			
NGC 785	IC 1776	Galaxy	TRI	14	-	1.5'	02 01.7	+31 50	92	E-SO			
NGC 978A	NGC 978	Galaxy	TRI	14	-	2'	02 34.8	+32 51	93	E-SO			np of 2;contact
NGC 983	NGC 1002	Galaxy	TRI	14	-	1.2'	02 38.9	+34 37	93	SBb			
NGC 2909		2 Stars	UMA	14	-		09 37.0	+65 56	23				
NGC 3795B	UGC 6604	Galaxy	UMA	14	-	1'	11 38.1	+58 45	47	E-SO			
NGC 3835A	UGC 6762	Galaxy	UMA	14	-	1'	11 47.4	+60 18	47	Sb			
NGC 5216A	UGC 8571	Galaxy	UMA	14	-	1.2'	13 34.7	+62 00	26	S			
Abell 1185	Arp 105	Gal CL	UMA	14	-	28'	11 10.6	+28 46	106	1 2 II			Incl 3550 and Ambartsumian's Knot; 52 galaxies
PK 274+ 3.1	He2- 37	Pln Neb	VEL	14	-	23.0"	09 47.5	-48 58	398				
NGC 4201	MCG - 2-31-	Galaxy	VIR	14	-	0.9'	12 14.7	-11 35	283	SO			
NGC 4240	NGC 4243	Galaxy	VIR	14	-	1.2'	12 17.4	-09 57	283	Elliptical			
NGC 4279	MCG - 2-32-	Galaxy	VIR	14	-	1.1'	12 20.4	-11 40	283	Sa			
NGC 4285	MCG - 2-32-	Galaxy	VIR	14	-	0.9'	12 20.7	-11 39	283	Sa			
NGC 4403	MCG - 1-32-	Galaxy	VIR	14	-	1.9'	12 26.2	-07 41	283	Sab			H III 755
NGC 4404	MCG - 1-32-	Galaxy	VIR	14	-	1.2'	12 26.3	-07 41	283	E-SO			H III 756
NGC 4484	MCG - 2-32-	Galaxy	VIR	14	-	1.6'	12 28.9	-11 39	283	Sc			
NGC 4626	MCG - 1-32-	Galaxy	VIR	14	-	1.4'	12 42.4	-07 03	284	Sbc			H II 772
NGC 4628	MCG - 1-32-	Galaxy	VIR	14	-	1.7'	12 42.4	-06 58	284	Sb			H II 773
NGC 4629	UGC 7869	Galaxy	VIR	14	-	1.4'	12 42.5	-01 21	239	S			
NGC 4663	IC 811	Galaxy	VIR	14	-	1.1'	12 44.8	-10 12	284	SBO			
NGC 4705	MCG - 1-33-	Galaxy	VIR	14	-	3.1'	12 49.4	-05 12	239	SBbc			H III 610
NGC 4708	MCG - 2-33-	Galaxy	VIR	14	-	1.2'	12 49.7	-11 06	284	SBab Ri			H III 722
NGC 4739	MCG - 1-33-	Galaxy	VIR	14	-	1.4'	12 51.6	-08 25	284	Elliptical			H III 515
NGC 4770	MCG - 1-33-	Galaxy	VIR	14	-	1.5'	12 53.5	-09 33	284	Sa			H III 525
NGC 4780	MCG - 1-33-	Galaxy	VIR	14	-	1.8'	12 54.1	-08 37	284	Sbc			
NGC 4822	MCG - 2-33-	Galaxy	VIR	14	-	1.2'	12 57.1	-10 46	284	E-SO			
NGC 4855	MCG - 2-33-	Galaxy	VIR	14	-	1.7'	12 59.3	-13 14	284	E-SO			
NGC 4887	MCG - 2-33-	Galaxy	VIR	14	-	1.1'	13 00.7	-14 40	284	Sa			
NGC 4890	MCG - 1-33-	Galaxy	VIR	14	-	0.9'	13 00.6	-04 36	239	Sm			H III 614
NGC 4920	MCG - 2-33-	Galaxy	VIR	14	-	1'	13 02.1	-11 23	284	Ir Bar			
NGC 4924	MCG - 2-33-	Galaxy	VIR	14	-	1.3'	13 02.2	-14 58	284	SBO-a			
NGC 4925	MCG - 1-33-	Galaxy	VIR	14	-	1'	13 02.1	-07 43	284	SO			H II 779
NGC 4942	IC 4136	Galaxy	VIR	14	-	1.7'	13 04.3	-07 39	285	SBcd			H III 761
NGC 4948	IC 4156	Galaxy	VIR	14	-	2'	13 04.9	-07 57	285	SBd			
NGC 4989	MCG - 1-34-	Galaxy	VIR	14	-	1.6'	13 09.3	-05 24	240	SO			H II 185
NGC 5010	MCG - 3-34-	Galaxy	VIR	14	-	1.3'	13 12.4	-15 48	285	Sa			
NGC 5028	MCG - 2-34-	Galaxy	VIR	14	-	1.6'	13 13.8	-13 03	285	E6			
NGC 5030	MCG - 3-34-	Galaxy	VIR	14	-	1.7'	13 13.9	-16 30	285	SBO-a			
NGC 5031	MCG - 3-34-	Galaxy	VIR	14	-	1.7'	13 14.1	-16 07	285	Sa			
NGC 5038	MCG - 3-34-	Galaxy	VIR	14	-	1.5'	13 15.0	-15 57	285	SO			
NGC 5066	NGC 5069	Galaxy	VIR	14	-	0.7'	13 18.5	-10 14	285	Sa			
NGC 5072	NGC 5070	Galaxy	VIR	14	-	1'	13 19.2	-12 32	285	E-SO			
NGC 5094	MCG - 2-34-	Galaxy	VIR	14	-	1.1'	13 20.8	-14 05	285	S			H III 539
NGC 5119	MCG - 2-34-	Galaxy	VIR	14	-	1.3'	13 24.0	-12 17	285	S pec			
NGC 5122	MCG - 2-34-	Galaxy	VIR	14	-	0.9'	13 24.2	-10 39	285	S pec			
NGC 5130	MCG - 2-34-	Galaxy	VIR	14	-	0.9'	13 24.5	-10 13	285	S			
NGC 5146	MCG - 2-34-	Galaxy	VIR	14	-	1.9'	13 26.6	-12 19	285	E-SO			H III 115
NGC 5203	MCG - 1-35-	Galaxy	VIR	14	-	1.8'	13 32.2	-08 47	285	E-SO			H III 507
NGC 5343	MCG - 1-35-	Galaxy	VIR	14	-	1.5'	13 54.2	-07 35	286	E-SO			H II 308

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 5476	MCG - 1-36-	Galaxy	VIR	14	-	1.5'	14 08.1	-06 06	287	Sd			H III 287
NGC 5510	ESO 579- 3	Galaxy	VIR	14	-	1.4'	14 13.6	-17 59	332	Ir Bar			
NGC 5619A	NGC 5619	Galaxy	VIR	14	-	2.2'	14 27.3	+04 48	242	Sb			
NGC 447	IC 1556	Galaxy	PSC	14	15.5	2.2'	01 15.6	+33 04	91	SBO-a			
NGC 4163	NGC 4167	Galaxy	CVN	14	15.1	1.9'	12 12.2	+36 10	107	Ir			H III 399
NGC 3741	UGC 6572	Galaxy	UMA	14	14.8	2'	11 36.1	+45 17	74	Ir			
NGC 1298	UGC 2683	Galaxy	ERI	14	14.7	1.5'	03 20.2	-02 07	221	E1			UGC 2687,2.7';UGC 2460 at .9';PA10; sev sF obj in vic.
UGC 5393	PGC 29036	Galaxy	LMI	14	14.7	2.3'	10 01.7	+33 08	104	SBm			
NGC 5477	UGC 9018	Galaxy	UMA	14	14.7	1.6'	14 05.6	+54 28	49	Sm			H III 790
UGC 12350	PGC 70433	Galaxy	PEG	14	14.6	2.6'	23 05.3	+16 51	213	Sm			pair in contact total size 3'X2'
NGC 7667	UGC 12578	Galaxy	PSC	14	14.5	1.6'	23 24.4	-00 07	259	Sm			
UGC 12221	PGC 69841	Galaxy	CEP	14	14.4	2.3'	22 49.9	+82 54	14	Sd			
NGC 6687	UGC 11309	Galaxy	DRA	14	14.4	1.3'	18 37.4	+59 39	54	Scd			
UGC 12682	PGC 71801	Galaxy	PEG	14	14.3	1.4'	23 34.9	+18 14	169	Ir+			
UGC 7739	Holmberg VI	Galaxy	VIR	14	14.3	1.3'	12 34.7	+06 18	194	Ir-			
NGC 6976	NGC 6975	Galaxy	AQR	14	14.2	1.3'	20 52.4	-05 46	299	Sbc			
NGC 3029	MCG - 1-25-	Galaxy	SEX	14	14.2	1.5'	09 48.9	-08 03	278	Sc			
NGC 218	UGC 440	Galaxy	AND	14	14.1	1.1'	00 41.7	+36 22	90	S pec			
NGC 1166	UGC 2471	Galaxy	ARI	14	14.1	1.2'	03 00.6	+11 51	176	Sab			P w NGC 1168
NGC 1229	ESO 480-33	Galaxy	ERI	14	14.1	1.4'	03 08.2	-22 58	311	SB/P			
NGC 986A	MCG - 7- 6-	Galaxy	FOR	14	14.1	1.8'	02 32.7	-39 18	389	Ir Bar			
NGC 7578B	NGC 7578-2	Galaxy	PEG	14	14.1	0.8'	23 17.2	+18 42	169	Elliptical			Double system
NGC 7649	UGC 12579	Galaxy	PEG	14	14.1	1.3'	23 24.3	+14 39	214	Elliptical			
NGC 2801	UGC 4899	Galaxy	CNC	14	14	1.1'	09 16.7	+19 56	142	Sc			several companions;NGC 2809 group
UGC 9310	PGC 51809	Galaxy	VIR	14	14	2.3'	14 30.0	+03 13	242	SBdm			
NGC 6436	UGC 10951	Galaxy	DRA	14	13.9	1.4'	17 41.2	+60 27	53	Sc			
NGC 7205A	ESO 146- 7	Galaxy	IND	14	13.9	1.2'	22 07.5	-57 28	438	SBcd			
NGC 7601	UGC 12487	Galaxy	PEG	14	13.9	1.1'	23 18.8	+09 14	214	SBbc			
NGC 7818	UGC 21	Galaxy	PSC	14	13.9	1'	00 04.2	+07 23	170	Sc			
UGC 1561	PGC 7871	Galaxy	ARI	14	13.8	1.4'	02 04.1	+24 12	129	Ir+			very mottled
NGC 2393	UGC 3884	Galaxy	GEM	14	13.8	1.2'	07 30.1	+34 02	100	Sc			NGC 2389 group
NGC 7357	UGC 12162	Galaxy	PEG	14	13.8	1.5'	22 42.4	+30 10	123	Sb			
NGC 3288	UGC 5752	Galaxy	UMA	14	13.8	0.9'	10 36.4	+58 33	46	SBbc			H III 918;P w NGC 3286;UGC 5752
NGC 7449	UGC 12292	Galaxy	AND	14	13.7	1'	22 59.6	+39 09	88	Elliptical			UGC 12292;Core mag=15.7
NGC 3281D	ESO 375-68	Galaxy	ANT	14	13.7	2'	10 34.3	-34 24	366	SBcd			
NGC 5900	UGC 9790	Galaxy	BOO	14	13.7	1.4'	15 15.1	+42 13	78	Sb			nGC 5899 at 9' NGC 5901(=Ho 702b) at 1' may be a *
NGC 2971	UGC 5197	Galaxy	LMI	14	13.7	1.1'	09 43.8	+36 11	104	SBb			NGC 2965 group
UGC 8313	PGC 45992	Galaxy	CVN	14	13.6	2.4'	13 13.8	+42 12	76	SB(s)c			
NGC 6330	UGC 10776	Galaxy	HER	14	13.6	1.5'	17 15.7	+29 24	115	SBb			
NGC 644	ESO 244-43	Galaxy	PHE	14	13.6	1.3'	01 38.9	-42 35	388	SBc			
NGC 1431	UGC 2845	Galaxy	TAU	14	13.6	1'	03 44.7	+02 50	222	SO			comp 3.2' PA338
NGC 3700	UGC 6494	Galaxy	UMA	14	13.6	1'	11 29.6	+35 31	106	SBab			comp 1.5';PA70;0.35'X0.12'
NGC 6071	MCG 12-15	Galaxy	UMI	14	13.6	0.8'	16 02.1	+70 25	28	E-SO			H III 883
NGC 6271	MCG 5-40-	Galaxy	HER	14	13.5	0.8'	16 58.8	+27 58	157	S			Very compact
UGC 9799	PGC 54526	Galaxy	SER	14	13.5	2.1'	15 16.7	+07 01	199	E5			Brightest in cluster
NGC 6851B	ESO 233-23	Galaxy	TEL	14	13.5	1.1'	20 05.7	-47 59	411	SBcd			
NGC 3829	UGC 6690	Galaxy	UMA	14	13.5	1'	11 43.5	+52 43	47	SBb			H III 775;P w NGC 3824 at 7.6';PA304
NGC 5811	MCG 0-38-	Galaxy	VIR	14	13.5	1'	15 00.5	+01 37	243	SBm			In NGC 5846 group. B bar: 0.3'X0 8';F asym loop
NGC 7181	ZWG 377. 14	Galaxy	AQR	14	13.4	1'	22 01.7	-01 58	256	SO			
NGC 5074	MCG 5-31-	Galaxy	CVN	14	13.4	0.7'	13 18.4	+31 28	109	Sb			H III 309
NGC 6999	ESO 464-15	Galaxy	MIC	14	13.4	0.9'	21 02.0	-28 04	382	SO			
NGC 6861C	ESO 233-31	Galaxy	TEL	14	13.4	1.2'	20 06.7	-48 39	411	SO			
NGC 4432	UGC 7570	Galaxy	VIR	14	13.4	0.9'	12 27.6	+06 14	193	SBbc			P w NGC 4430
NGC 5559	UGC 9166	Galaxy	BOO	14	13.3	1.4'	14 19.2	+24 48	152	SBb			H III 347
NGC 5271	MCG 5-32-	Galaxy	CVN	14	13.3	0.9'	13 41.7	+30 07	110	Sba Ring			
NGC 740	UGC 1421	Galaxy	TRI	14	13.3	1.4'	01 56.9	+33 01	92	SBb			H II 221?;P w NGC 736
NGC 4252	UGC 7343	Galaxy	VIR	14	13.3	1.3'	12 18.5	+05 34	193	Sb			
NGC 7439	UGC 12273	Galaxy	PEG	14	13.2	1'	22 58.2	+29 14	123	SBO			
NGC 7718	UGC 12712	Galaxy	PEG	14	13.2	0.9'	23 38.1	+25 43	169	S pec			sf of 2
NGC 7178	ESO 404-22	Galaxy	PSA	14	13.2	1.1'	22 02.4	-35 47	383	SBb			
NGC 1061	MCG 5- 7-	Galaxy	TRI	14	13.2	0.9'	02 43.3	+32 28	93	Sd			Peculiar?
NGC 6261	UGC 10617	Galaxy	HER	14	13.1	1.2'	16 56.5	+27 59	157	Sa			
NGC 3765	MCG 4-28-	Galaxy	LEO	14	13.1	0.8'	11 37.1	+24 06	147	Sc			
NGC 7451	UGC 12299	Galaxy	PEG	14	13.1	1'	23 00.7	+08 28	213	SBbc			
NGC 5196	ZWG 17. 2	Galaxy	VIR	14	13.1	0.8'	13 31.3	-01 37	240	E-SO			

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 6965	UGC 11630	Galaxy	AQR	14	13	0.7'	20 47.3	+00 29	254	SO			P w NGC 6963 at 5.5' PA 323
NGC 7299	ESO 345-19	Galaxy	GRU	14	13	0.7'	22 31.6	-37 49	384	SBc			
NGC 3140	MCG - 3-26-	Galaxy	HYA	14	13	0.9'	10 09.5	-16 38	279	Sc			
NGC 2944	UGC 5144	Galaxy	LEO	14	13	1'	09 39.3	+32 19	103	Sc			double ;blue w 2 compact knots;contact;disrupted
NGC 4257	MCG 1-31-	Galaxy	VIR	14	13	1'	12 19.1	+05 44	193	Sab			
NGC 5733	MCG 0-38-	Galaxy	VIR	14	13	1'	14 42.8	-00 21	243	Sc			
NGC 6037	MCG 1-41-	Galaxy	SER	14	12.9	0.7'	16 04.5	+03 49	245	Sab			
NGC 118	UGC 264	Galaxy	CET	14	12.8	0.7'	00 27.3	-01 47	216	Compac			Compact
NGC 837	ESO 478-10	Galaxy	CET	14	12.8	0.9'	02 10.3	-22 26	309	Sb			
NGC 6969	UGC 11633	Galaxy	DEL	14	12.8	1.1'	20 48.5	+07 44	209	Sa			
NGC 1214	MCG - 2- 8-	Galaxy	ERI	14	12.8	1.3'	03 06.9	-09 33	266	Sa			
NGC 3983	UGC 6914	Galaxy	LEO	14	12.8	1.1'	11 56.4	+23 52	147	Sa			H III 343;comp 4.7';PA122;0.8'X0.15'
NGC 5780	MCG 5-35-	Galaxy	BOO	14	12.7	0.9'	14 54.4	+28 56	111	Sab			
NGC 2622	MCG 4-21-	Galaxy	CNC	14	12.7	0.8'	08 38.2	+24 54	141	Sb			
NGC 5851	UGC 9714	Galaxy	BOO	14	12.6	1'	15 06.9	+12 51	198	Sc			H III 886;in triple group w NGC 5852(brightest)
NGC 4002	MCG 4-28-	Galaxy	LEO	14	12.6	0.8'	11 58.0	+23 12	147	Sab			H III 344
NGC 4585	MCG 5-30-	Galaxy	COM	14	12.5	0.7'	12 38.2	+28 56	108	SBb			
NGC 3845	MCG 3-30-	Galaxy	LEO	14	12.5	0.8'	11 44.1	+20 00	147	Sb			
NGC 7387	MCG 2-58-	Galaxy	PEG	14	12.5	0.7'	22 50.3	+11 38	213	SO			
NGC 7659	UGC 12595	Galaxy	PEG	14	12.5	0.8'	23 25.9	+14 13	214	Sa			H III 212
NGC 1149	MCG 0- 8-	Galaxy	CET	14	12.4	0.6'	02 57.4	-00 19	221	E-SO			
NGC 3580	MCG 1-29-	Galaxy	LEO	14	12.4	0.9'	11 13.3	+03 39	236	SO			
UGC 6637	Mrk 1507	Galaxy	UMA	14	12.4	0.8'	11 40.4	+28 23	107	Pec			
NGC 2773	UGC 4815	Galaxy	CNC	14	12.3	0.7'	09 09.7	+07 10	187	S pec			
NGC 203	NGC 211	Galaxy	PSC	14	12.3	0.9'	00 39.7	+03 27	216	SO			
NGC 3929	UGC 6832	Galaxy	LEO	14	12.2	0.6'	11 51.7	+21 00	147	Elliptical			
UGC 5588	PGC 30263	Galaxy	LEO	14	12	0.4'	10 20.9	+25 22	144	Pec			In NGC 3209 group;high surface brightness
NGC 6068A	MCG 13-11-	Galaxy	UMI	14	11.8	0.9'	15 54.8	+78 59	11	SO			p @ 2'
NGC 6072	PK 342+0.1	Pln Neb	SCO	14	11.7	50"	16 13.0	-36 14	374	3a		17.5	
PK 103+ 0.2	M2-52	Pln Neb	CEP	14	10.9	13"	22 20.5	+57 36	57	3			
NGC 3699	PK 292+1.1	Pln Neb	CEN	14	10.4	67"	11 28.0	-59 57	427				S neby w few F*
PK 26- 2.1	Perek 1-16	Pln Neb	SCT	14	9.7	7.8"	18 47.6	-06 54	295	2b		15.5	
NGC 6620	PK 5-6.1	Pln Neb	SGR	14	8.3	5.3"	18 22.9	-26 49	339	2b		16	
PK 9-10.1	M3-33	Pln Neb	SGR	14	8.1	5.9"	18 48.2	-25 29	340	2		15.9	
PK 285+ 1.1	Peimbert 1-1	Pln Neb	VEL	14	7.5	3.0"	10 38.6	-56 47	427				
PK 111- 2.1	Hubble 12	Pln Neb	CAS	14	2.9	1.0"	23 26.9	+58 11	58			13.8	11 mag * 75" north following
Av-Hunter 1		Opn CL	AND	-	-	47'	23 37.8	+48 34	59	IV 2pn:b	16	8.6	Includes variable star BM And
PK 248+ 8.1	He2- 10	Galaxy	ANT	-	-	0.2'	09 36.2	-26 24	323				Not a PLNNB;dwarf GALXY w emission lines
Berk 43		Opn CL	AQL	-	-	5'	19 15.5	+11 17	206	II 1m:b	40	15	
Berk 45		Opn CL	AQL	-	-	4'	19 19.1	+15 43	206	II 1p :b	20	15	
Berk 79		Opn CL	AQL	-	-	10'	18 44.9	-01 09	250	II 1r :b	60	15	
Berk 80		Opn CL	AQL	-	-	4'	18 54.3	-01 13	250	II 1p :b	20	15	
Berk 81		Opn CL	AQL	-	-	7'	19 01.7	-00 27	251	II 2r :b	80	15	
Berk 82		Opn CL	AQL	-	-	4'	19 11.3	+13 07	206	III 1p :b	20	14	
Czernik 39		Opn CL	AQL	-	-	6'	19 07.6	+04 18	251	III 2m :b			
Do 35		Opn CL	AQL	-	-	7'	19 25.4	+11 40	206	IV 2p :b	10		
King 25		Opn CL	AQL	-	-	5'	19 24.5	+13 42	206	III 2m :b	40		
King 26		Opn CL	AQL	-	-	1'	19 29.0	+14 52	207	II 1p :b	15		
Sh2- 72		Brit Neb	AQL	-	-	25'	19 03.8	+02 19	251	E			
Ced 211		Brit Neb	AQR	-	-	2'	23 43.8	-15 17	304	E			Neb excited by companion to Mira variable R Aqr
NGC 6188	ESO 226-EN	Brit Neb	ARA	-	-	20'	16 40.1	-48 40	407	E+R			NGC 6193 and triple* h 4876 invl
Harvard 13		Opn CL	ARA	-	-	14'	17 03.9	-48 07	433	IV 1 p	15	13	
Hogg 20		Opn CL	ARA	-	-	4'	16 44.4	-47 33	407	III 1p :a			
Hogg 21		Opn CL	ARA	-	-	4'	16 45.6	-47 44	407			12	
Lynga 11		Opn CL	ARA	-	-	4'	16 38.1	-46 19	407	III 2p :b	15		
Lynga 12		Opn CL	ARA	-	-	5'	16 46.0	-50 46	407	III 2m :b	35		
Ru 120		Opn CL	ARA	-	-	3.4'	16 35.2	-48 17	407	II 3p :a	11	12	
Ru 121		Opn CL	ARA	-	-	8'	16 41.8	-46 09	407	IV 1m:b	35	13	
vdBH 81		Brit Neb	ARA	-	-	6'	17 04.0	-51 05	433	R			
DoDz 1		Opn CL	ARI	-	-	12'	02 47.4	+17 15	130	III 2 p	8	11.5	
Latysev 1		Opn CL	ARI	-	-	330'	02 53.2	+27 28	130		5	6.7	
vdB 16	LBN 746	Brit Neb	ARI	-	-	11'	03 28.3	+29 47	94	R			
NGC 2013		Opn CL	AUR	-	-		05 44.0	+55 48	41				
NGC 2165		Opn CL	AUR	-	-	6'	06 11.1	+51 41	41				
NGC 2240		Opn CL	AUR	-	-		06 33.2	+35 15	99				H VIII 49

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
IC 417	LBN 804	Brn Neb	AUR	-	-	13'	05 28.1	+34 25	97	E+			
Berk 14		Opn CL	AUR	-	-	9'	04 59.7	+43 29	65	III 1m:b	30	16	
Berk 15		Opn CL	AUR	-	-	5'	05 02.1	+44 31	65	I 2m:b	35	15	
Berk 69		Opn CL	AUR	-	-	5'	05 24.4	+32 36	97	II 2m:b	30	14	
Berk 70		Opn CL	AUR	-	-	12'	05 25.7	+41 54	66	IV 3 m	40	15	
Berk 71		Opn CL	AUR	-	-	5'	05 41.2	+31 26	98	II 1m:b	30	15	
Czernik 19		Opn CL	AUR	-	-	18'	04 57.0	+28 47	96	III 2 m		50	
Czernik 20		Opn CL	AUR	-	-	36'	05 20.5	+39 33	66	II 2 r		30	
Czernik 21		Opn CL	AUR	-	-	9'	05 27.4	+36 00	97	IV 1 mn:		40	
Czernik 23		Opn CL	AUR	-	-	5'	05 50.1	+28 54	98	III 1p:a			
Do 15		Opn CL	AUR	-	-	18'	05 04.6	+34 50	97	IV 1 p			
Do 16		Opn CL	AUR	-	-	12'	05 14.6	+32 43	97	III 2 p n		10	
Do 18		Opn CL	AUR	-	-	12'	05 24.1	+33 23	97	IV 2 p n		15	
Do 20		Opn CL	AUR	-	-	5'	05 28.6	+33 41	97	IV 1 p		10	
King 17		Opn CL	AUR	-	-	1.5'	05 08.5	+39 05	65	II 2m:b	25	14	
King 22	Berk 18	Opn CL	AUR	-	-	14'	05 22.2	+45 28	66	III 3 r	300	15	
Mel 31		Opn CL	AUR	-	-	135'	05 18.2	+33 22	97		35	4.5	Center star 16 Aur; some nebulosity involved
Sh2-223		SN Rem	AUR	-	-	70'	05 16.6	+42 04	66				
Sh2-224	LBN 769	SN Rem	AUR	-	-	31'	05 26.9	+42 58	66	E			
Sh2-231	LBN 808	Brn Neb	AUR	-	-	10'	05 39.4	+35 56	97	E			
Sh2-232	LBN 805	Brn Neb	AUR	-	-	37'	05 42.5	+36 10	97	E			PLNNB PK 175+0.1 involved
Sh2-235		Brn Neb	AUR	-	-	7.8'	05 41.1	+35 52	98	E			
Sh2-241	LBN 824	Brn Neb	AUR	-	-	2'	06 04.1	+30 15	98	E+R			
Stock 8		Opn CL	AUR	-	-	5'	05 28.1	+34 25	97	I 2 p n	40	9	In nebula IC 417
Stock 10		Opn CL	AUR	-	-	25'	05 39.0	+37 52	97	IV 3 p		15	
vdB 31	LBN 798	Brn Neb	AUR	-	-	9'	04 55.8	+30 34	96	R			
NGC 1708		Opn CL	CAM	-	-	20'	05 03.4	+52 50	40		10	10	
NGC 2404		Neb+Gx	CAM	-	-		07 37.1	+65 37	21	E+			An HII region within the Gx NGC 2403 on the NE side
Berk 13		Opn CL	CAM	-	-	7'	04 55.8	+52 49	40	III 1p:b		15	
Czernik 14		Opn CL	CAM	-	-	6'	03 17.0	+58 36	38	III 1p:b		15	
Czernik 17		Opn CL	CAM	-	-	5'	03 52.3	+61 58	18	IV 1p:b		15	
King 6		Opn CL	CAM	-	-	7'	03 28.0	+56 27	38	IV 2 p	35	10	
PK 151+ 2.1	SH2-208	Brn Neb	CAM	-	-	4.0'	04 19.8	+53 06	39	E		13.9	Not a PLNNB;H II region Sh 2-207
Sh2-205		Brn Neb	CAM	-	-	80'	03 53.2	+53 04	39	E			
Stock 23		Opn CL	CAM	-	-	15'	03 16.2	+60 06	38	III 3 p n	25	7.6	
vdB 14	LBN 681	Brn Neb	CAM	-	-	46'	03 30.3	+59 34	38	R			
vdB 15	LBN 684	Brn Neb	CAM	-	-	40'	03 29.5	+58 54	39	R			
NGC 3199	ESO 127-EN	Brn Neb	CAR	-	-	22'	10 17.4	-57 55	426	E			partial ring
NGC 3503	OCL 833	Brn Neb	CAR	-	-	3'	11 01.3	-59 51	427	E+			
Gum 32	RCW 52	Brn Neb	CAR	-	-	7.3'	10 46.3	-58 39	427	E			Crescent shape; several * invl
RCW 47		Brn Neb	CAR	-	-	25'	10 05.2	-58 57	426	E			Irregular shape; very rich field; nova shell on W border
RCW 50		Brn Neb	CAR	-	-	12'	10 27.4	-57 09	426	E			Oval shape; very rich field
Ru 86		Opn CL	CAR	-	-	12'	10 01.5	-59 31	426	III 2 m		12	
Ru 90		Opn CL	CAR	-	-	9'	10 31.0	-58 27	427	IV 2 p	15	12	
Ru 91		Opn CL	CAR	-	-	1.7'	10 47.7	-57 28	427	II 2 p	15	10	
NGC 110	OCL 300	Opn CL	CAS	-	-	19'	00 27.4	+71 24	15	IV 1 p	100	9.7	
NGC 657	OCL 337	Opn CL	CAS	-	-	7'	01 43.8	+55 53	37		40	7.1	
NGC 886	Stock 6	Opn CL	CAS	-	-	8'	02 23.5	+63 47	17	II 2p	20	11	
NGC 896	SG 1 4	Brn Neb	CAS	-	-	27'	02 25.5	+62 01	17	E			H III 695
IC 59	LBN 620	Brn Neb	CAS	-	-	10'	00 57.5	+61 09	16	E			Neb patch 30' N of Gamma Cas
IC 63	LBN 623	Brn Neb	CAS	-	-	10'	00 59.5	+60 55	36	E			Fan-shaped neby 20' north foll Gamma Cas
IC 1795	LBN 645	Brn Neb	CAS	-	-	12'	02 25.8	+61 59	17	E			Brightest portion of IC 1805;vast neby incl Mel 15
IC 1871	LBN 675	Brn Neb	CAS	-	-	4.0'	03 03.2	+60 28	38	E			
Berk 1		Opn CL	CAS	-	-	5'	00 09.7	+60 29	35	III 1p:b	10		
Berk 2		Opn CL	CAS	-	-	4'	00 25.2	+60 24	35	I 1m:b	30	15	
Berk 5		Opn CL	CAS	-	-	3'	01 47.7	+62 56	17	IV 1p:b	15	17	
Berk 6		Opn CL	CAS	-	-	5'	01 51.2	+61 04	17	II 2p:b	20	14	
Berk 7		Opn CL	CAS	-	-	4'	01 55.0	+62 22	17	II 2p:b	18	14	
Berk 8		Opn CL	CAS	-	-	7'	02 02.0	+75 30	4	II 2m:b	40	14	
Berk 60		Opn CL	CAS	-	-	4'	00 17.6	+60 57	35	III 1p:b	20	14	
Berk 61		Opn CL	CAS	-	-	4'	00 48.2	+67 12	16	II 1p:b	15	14	
Berk 63		Opn CL	CAS	-	-	4'	02 19.5	+63 43	17	III 1p:b	12	15	
Berk 64		Opn CL	CAS	-	-	4'	02 21.7	+65 54	17	II 1m:b	30	14	
Berk 66		Opn CL	CAS	-	-	6'	03 04.1	+58 46	38	I 3m:b	30	16	
Berk 102		Opn CL	CAS	-	-	5'	23 38.7	+56 39	35	II 1p:a		18	

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Berk 103		Opn CL	CAS	-	-	4'	23 45.2	+59 19	35	II 1p :b	20	15	
Berk 104		Opn CL	CAS	-	-	4'	00 03.4	+63 36	15	II 1p :b	15	16	
Czernik 1		Opn CL	CAS	-	-	9'	00 07.8	+61 29	15	I 2p :b	12		
Czernik 2		Opn CL	CAS	-	-	10'	00 43.6	+60 12	36	IV 2m :b	30		
Czernik 4		Opn CL	CAS	-	-	3'	01 35.6	+61 29	16	IV 2p :b	10		
Czernik 5		Opn CL	CAS	-	-	7'	01 55.7	+61 21	17	III 1p :b	10		
Czernik 6		Opn CL	CAS	-	-	3'	02 02.0	+62 51	17	II 2p :b	12		
Czernik 7		Opn CL	CAS	-	-	5'	02 03.0	+62 15	17	II 1p :b	20		
Czernik 9		Opn CL	CAS	-	-	5'	02 33.6	+59 53	38	III 2p :b	12		
Czernik 10		Opn CL	CAS	-	-	3'	02 34.0	+60 11	38	IV 1p :b	15		
Czernik 11		Opn CL	CAS	-	-	7'	02 36.6	+59 39	38	I 2pn:b	20		Superimposed on faint galaxy Maffei 1
Czernik 43		Opn CL	CAS	-	-	14'	23 25.8	+61 19	15	III 1 r	15		
Czernik 44		Opn CL	CAS	-	-	5'	23 33.5	+61 58	15	II 2p :b	20		
Czernik 45		Opn CL	CAS	-	-	3'	23 55.8	+64 37	15	II 2p :b	8		
Do 12		Opn CL	CAS	-	-	18'	00 40.8	+60 51	36				
Do 13		Opn CL	CAS	-	-	12'	00 50.0	+64 08	16	III 1 p	30		
Do 46		Opn CL	CAS	-	-	12'	23 21.9	+55 46	58	IV 1 p			
King 1		Opn CL	CAS	-	-	7'	00 21.9	+64 23	15	II 2r :b	100	13	
King 2		Opn CL	CAS	-	-	5'	00 50.9	+58 11	36	II 2m :b	40	17	
King 13		Opn CL	CAS	-	-	7'	00 10.2	+61 11	15	II 2m :b	30	12	
King 15		Opn CL	CAS	-	-	1.5'	00 33.1	+61 52	15	IV 2p :b	12	18	
King 20		Opn CL	CAS	-	-	4'	23 33.2	+58 29	35	II 2p :b	20	13	
PK 121- 2.1		Brn Neb	CAS	-	-	39"	00 38.7	+60 17	36	2b		18	Not a PLNNB;reflection nebula
Sh2-157		Brn Neb	CAS	-	-	60'	23 16.1	+60 02	58	E			Incl brighter area Sh2-157a
Sh2-188	LBN 633	Brn Neb	CAS	-	-	10'	01 30.6	+58 23	37	E			Crescent shaped with SE side brighter
Stock 3		Opn CL	CAS	-	-	2'	01 12.0	+62 16	16	IV 1 p	8	11	
Stock 11		Opn CL	CAS	-	-	10'	23 30.9	+55 45	35	IV 2 p		8	
Stock 12		Opn CL	CAS	-	-	20'	23 36.4	+52 33	35	IV 2 p	9	8	
Stock 17		Opn CL	CAS	-	-	1'	23 43.7	+62 10	15	I 3p :a		8.5	
Stock 18		Opn CL	CAS	-	-	5'	00 01.6	+64 37	15	IV 2p :a			
Stock 19		Opn CL	CAS	-	-	3'	00 04.4	+56 05	35	II 2 p	6	8	
Stock 20		Opn CL	CAS	-	-	1'	00 25.2	+62 39	15	II 2p :a		13	
Stock 21		Opn CL	CAS	-	-	5'	00 30.5	+57 56	36	IV 2p :b	10	12	
Tombaugh 4		Opn CL	CAS	-	-	2.5'	02 29.2	+61 47	17	II 1 mn:t	40	16	
vdB 1	LBN 578	Brn Neb	CAS	-	-	5'	00 10.6	+58 46	227	R			
vdB 8	LBN 643	Brn Neb	CAS	-	-	3.6'	02 51.5	+67 49	17	R			
NGC 3909	ESO 217-SO	Opn CL	CEN	-	-	20'	11 50.1	-48 14	401				Coarse cluster of 10-14 *
NGC 5367	ESO 325-N*	Brn Neb	CEN	-	-	4'	13 57.7	-39 59	403	R			Double neb incl IC 4347
RCW 59		Brn Neb	CEN	-	-	180'	11 37.0	-57 00	428	E			
Ru 111		Opn CL	CEN	-	-	8'	14 36.8	-59 56	431	III 1m:b	40	13	
Ru 167		Opn CL	CEN	-	-	14'	14 18.2	-58 58	430	IV 2 p	40	11	
NGC 7281	OCL 238	Opn CL	CEP	-	-	12'	22 24.7	+57 50	57	IV 2 p	20		Small scattered group w 3 *10m in short row
NGC 7429	OCL 249	Opn CL	CEP	-	-	14'	22 55.9	+59 59	58	III 2 p	15	11	
NGC 7538	LBN 542	Brn Neb	CEP	-	-	8'	23 14.1	+61 29	34	E			H II 706;Filamentary struct in neby
NGC 7822	LBN 589	Brn Neb	CEP	-	-	20'	00 02.2	+67 25	15	E			Portion of 2 deg arc;whole area nebulous
IC 1470	CED 208	Brn Neb	CEP	-	-	15'	23 05.2	+60 15	58	E			12 mag star w 70" X 45" neby
Berk 92		Opn CL	CEP	-	-	4'	21 24.8	+57 32	56	III 1p :b	15	15	
Berk 93		Opn CL	CEP	-	-	4'	21 55.5	+63 56	33	IV 1p :b	120	16	
Berk 95		Opn CL	CEP	-	-	5'	22 28.3	+59 08	57	II 2p :b	15	15	
Berk 97		Opn CL	CEP	-	-	6'	22 39.5	+59 01	58	III 1 p	12	11	
Berk 99		Opn CL	CEP	-	-	6'	23 21.3	+71 47	34	III 2r :b	60	14	
Berk 100		Opn CL	CEP	-	-	4'	23 26.0	+63 47	15	IV 2p :b	100	16	
Berk 101		Opn CL	CEP	-	-	4'	23 32.8	+64 12	15	III 2p :b	10	16	
Ced 214	Sh2-171	Brn Neb	CEP	-	-	50'	00 03.7	+67 13	15	E+R			
Cr 471		Opn CL	CEP	-	-	130'	22 07.1	+72 00	33	III 2 p			
Czernik 42		Opn CL	CEP	-	-	3'	22 39.6	+59 55	58	III 1p :b	15		
King 10		Opn CL	CEP	-	-	3'	22 54.9	+59 10	58	II 3 m	40	11	
King 11		Opn CL	CEP	-	-	3.5'	23 47.6	+68 38	15	I 2m :b	50	17	
King 18		Opn CL	CEP	-	-	4'	22 52.1	+58 19	58	II 2p :b	20	12	
Sh2-132	LBN 470	Brn Neb	CEP	-	-	40'	22 19.3	+56 06	57	E			NE section has highest surface brightness
Sh2-155	LBN 529	Brn Neb	CEP	-	-	15'	22 56.9	+62 37	34	E			Cave nebula; crescent shaped with northern brighter
vdB 140	Ced 191	Brn Neb	CEP	-	-	12'	21 17.4	+58 37	56	R			
vdB 143	Ced 194	Brn Neb	CEP	-	-	8'	21 37.0	+68 11	33	R			
NGC 894		Galaxy	CET	-	-		02 21.6	-05 31	264	E+*			
Lynga 3		Opn CL	CIR	-	-	5'	15 16.8	-58 23	431	III 1p :a		16	

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Pismis 21		Opn CL	CIR	-	-	2'	15 16.9	-59 40	431	I 3p :a		13	
NGC 2327	CED 89B	Brit Neb	CMA	-	-	20'	07 04.1	-11 19	273	E			H IV 25
NGC 2358		Opn CL	CMA	-	-	8'	07 16.9	-17 07	319				H VIII 45
NGC 2359	LBN 1041	Brit Neb	CMA	-	-	10'	07 18.5	-13 14	274	E		11	Duck Neb ;curved filam;cent* Wolf Rayet;UHC helps
NGC 2361		Brit Neb	CMA	-	-		07 18.4	-13 13	274	E			knot in 2359
Auner 1		Opn CL	CMA	-	-	2.5'	07 04.3	-19 45	318	III 2m :b	30		
Berk 25		Opn CL	CMA	-	-	6'	06 41.2	-16 29	273	I 2m :b	40	16	
Berk 36		Opn CL	CMA	-	-	5'	07 16.3	-13 12	274	III 1m:b	40	17	
Berk 75		Opn CL	CMA	-	-	4'	06 50.0	-23 59	318	II 2p :b	25	16	
Ced 90	Sh2-297	Brit Neb	CMA	-	-	10'	07 05.2	-12 20	273	E+R			
Haffner 4		Opn CL	CMA	-	-	2.4'	07 06.1	-15 00	273	III 1m:b	30	14	
Haffner 7		Opn CL	CMA	-	-	2.9'	07 22.9	-29 29	361	I 2m :b	40	14	
Haffner 9		Opn CL	CMA	-	-	2.1'	07 24.9	-16 59	274	I 1m:b	35	14	
Haffner 23		Opn CL	CMA	-	-	11'	07 09.4	-16 57	273	III 2 m	40	13	
MCG -05-18	PK 241- 7.1	Galaxy	CMA	-	-	0.1'	07 16.5	-29 19	361				Not a PLNNB;Seyfert GALXY
Ru 1		Opn CL	CMA	-	-	11'	06 36.4	-14 09	272	III 1 p	15	11	
Ru 2		Opn CL	CMA	-	-	7'	06 41.0	-29 33	360	IV 3 p	10	12	
Ru 3		Opn CL	CMA	-	-	2.8'	06 42.1	-29 27	360	II 1 p	15	11	
Ru 5		Opn CL	CMA	-	-	2'	06 55.4	-18 44	318	IV 1p :b	10	13	
Ru 6		Opn CL	CMA	-	-	2'	06 56.1	-13 15	273	III 1p :b	10		
Ru 7		Opn CL	CMA	-	-	4'	06 57.8	-13 13	273	II 2m :b	30	14	
Ru 8		Opn CL	CMA	-	-	4'	07 01.7	-13 33	273	IV 1p :b	10	12	
Ru 10		Opn CL	CMA	-	-	4.5'	07 06.5	-20 07	318	III 1p :b	40	12	
Ru 11		Opn CL	CMA	-	-	2.9'	07 07.4	-20 48	318	III 2 p	20	11	
Ru 12		Opn CL	CMA	-	-	5'	07 07.2	-28 09	318	IV 1p :b	20	14	
Ru 13		Opn CL	CMA	-	-	4.2'	07 07.9	-25 52	318	IV 2p :b	15	13	
Ru 14		Opn CL	CMA	-	-	2.3'	07 15.0	-31 21	361	IV 1p :b	10	13	
Ru 15		Opn CL	CMA	-	-	1.7'	07 19.6	-19 38	319	II 1p :b	20	12	
Ru 16		Opn CL	CMA	-	-	11'	07 23.2	-19 27	319	IV 2 p	15	13	
Ru 17		Opn CL	CMA	-	-	5'	07 23.6	-23 11	319	II 1p :b	15	12	
Ru 19		Opn CL	CMA	-	-	8'	07 25.6	-21 30	319	IV 1p :b	20	13	
Ru 150		Opn CL	CMA	-	-	2.5'	07 05.9	-28 25	318	II 2p :b	12	13	
Sh2-301	Gum 5;RCV	Brit Neb	CMA	-	-	8'	07 09.8	-18 30	318	E			
Tombaugh 2	OCL 605	Opn CL	CMA	-	-	3'	07 03.1	-20 49	318	I 1m:b	50	16	
vdB 96	Ced 96	Brit Neb	CMA	-	-	10'	07 19.9	-24 02	319	R			
NGC 2394		Opn CL	CMI	-	-		07 28.6	+07 05	184				H VIII 44
NGC 2459		Opn CL	CMI	-	-	1.5'	07 52.0	+09 33	185				H III 479
Berk 35		Opn CL	CMI	-	-	7'	07 10.0	+02 44	228	IV 1p :b	20	16	
Berk 78		Opn CL	CMI	-	-	7'	07 23.6	+05 22	229	II 1p :b	12	16	
Do 26		Opn CL	CMI	-	-	24'	07 30.1	+11 57	184	IV 1 p			
King 23	Czernik 28	Opn CL	CMI	-	-	4'	07 21.8	-00 59	229	III 2p :b	20		Skiff: sparse cluster
NGC 2664		Opn CL	CNC	-	-	5'	08 47.1	+12 36	186				
NGC 2678		Opn CL	CNC	-	-	10'	08 50.0	+11 20	187				H VIII 10
NGC 1963	ESO 363-SC	Opn CL	COL	-	-	120'	05 32.3	-36 24	358				
NGC 6726	ESO 396-N1	Brit Neb	CRA	-	-	2'	19 01.7	-36 53	379	E			Complex neb region w var* TY & R CrA invl
NGC 6727	ESO 396-N1	Brit Neb	CRA	-	-	80'	19 01.7	-36 53	379	R			P w NGC 6726-9
NGC 6729	ESO 396-N*	Brit Neb	CRA	-	-	25'	19 01.9	-36 57	379	E+R			P w NGC 6726-7
IC 4812	ESO 396-*N	Brit Neb	CRA	-	-	20'	19 01.1	-37 04	379	E+*			
Ru 165		Opn CL	CRU	-	-	22'	12 28.5	-56 26	428	IV 1 p	35	7	
Stock 15		Opn CL	CRU	-	-	12'	12 10.5	-59 30	428	IV 1 p		10	
NGC 4399	MCG 6-27-	Neb+Gx	CVN	-	-		12 25.7	+33 31	108	E+*			An HII region within the GALXY NGC 4395 on the SW side
NGC 4400	MCG 6-27-	Neb+Gx	CVN	-	-		12 25.9	+33 31	108	E+*			An HII region within the GALXY NGC 4395 on the SE side
NGC 4401	MCG 6-27-	Neb+Gx	CVN	-	-		12 26.0	+33 32	108	E+*			An HII region within the GALXY NGC 4395 on the SE side
NGC 6847	LBN 151	CL+Neb	CYG	-	-		19 56.7	+30 13	119				H II 202; maybe Sh2-97
NGC 6914	LBN 274	Brit Neb	CYG	-	-	3'	20 24.8	+42 29	85	R			
NGC 6974	SG 3.202	SN Rem	CYG	-	-		20 51.1	+31 50	120				part of Veil
NGC 6979		Brit Neb	CYG	-	-	3'	20 51.0	+32 08	120	E			H II 206;Portion of Veil Neb between two arcs
NGC 6991	OCL 201	Opn CL	CYG	-	-	5'	20 56.6	+47 25	85	III 3 p n			H VIII 76
NGC 7127	OCL 219	Opn CL	CYG	-	-	2.8'	21 43.9	+54 37	57	IV 2 p	12		
IC 1310	Berk 50	CL+Neb	CYG	-	-	15'	20 10.1	+34 58	119	II 1 p n	12	14	Brian Skiff ID of Be 50=IC 1310
IC 1340		SN Rem	CYG	-	-	25'	20 56.2	+31 04	120	E			Veil nebula , see 6960
IC 5068	LBN 328	Brit Neb	CYG	-	-	40'	20 50.8	+42 31	85	E			
IC 5076	LBN 394	Brit Neb	CYG	-	-	7'	20 55.9	+47 25	85	E			surr *6m
Bark 1		Opn CL	CYG	-	-	20'	20 53.7	+46 02	85	III 2 m	12		
Bark 2		Opn CL	CYG	-	-	5'	21 43.6	+51 04	57	III 1p :b	21	10	

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Basel 12		Opn CL	CYG	-	-	7'	21 10.6	+46 14	85	III 2p :b	20		
Basel 13		Opn CL	CYG	-	-	10'	21 13.2	+46 34	86				
Basel 14		Opn CL	CYG	-	-	12.0'	21 21.2	+44 48	86	II 3pn:b	15		
Basel 15		Opn CL	CYG	-	-	6'	21 16.0	+48 50	86				
Berk 49		Opn CL	CYG	-	-	4'	19 59.5	+34 39	119	I 1p :b	20	16	
Berk 51		Opn CL	CYG	-	-	4'	20 12.0	+34 25	119	I 1pn:b	20	15	
Berk 53		Opn CL	CYG	-	-	12'	20 56.0	+51 05	56	II 3 p	40	16	
Berk 54		Opn CL	CYG	-	-	5'	21 03.0	+40 26	85	I 2m :b	30	17	
Berk 55		Opn CL	CYG	-	-	5'	21 16.9	+51 46	56	III 1m:b	30	14	
Berk 56		Opn CL	CYG	-	-	7'	21 17.6	+41 50	86	II 1m:b	40	16	
Berk 84		Opn CL	CYG	-	-	4'	20 04.8	+33 54	119	II 1pn:b	20	16	
Berk 85		Opn CL	CYG	-	-	7'	20 18.8	+37 45	119	III 1m:b	40	15	
Berk 87		Opn CL	CYG	-	-	12'	20 21.7	+37 24	120	IV 2 p	30	13	
Berk 88		Opn CL	CYG	-	-	3'	20 21.3	+48 09	84	IV 1p :b	12	15	
Berk 89		Opn CL	CYG	-	-	5'	20 24.5	+46 02	85	III 1p :b	15	15	
Berk 90		Opn CL	CYG	-	-	5'	20 35.3	+46 51	85	II 1pn:b	20	14	
Berk 91		Opn CL	CYG	-	-	5'	21 11.0	+48 32	85	II 1p :b	20	16	
Biur 1		Opn CL	CYG	-	-	15'	20 07.5	+35 41	119	IV 3 p n	15		
Ced 174	LBN 183	Brn Neb	CYG	-	-	15'	20 02.8	+37 01	119	E			
Do 2		Opn CL	CYG	-	-	10'	20 10.0	+41 22	84	IV 1pn:b	15		
Do 3		Opn CL	CYG	-	-	15'	20 15.5	+36 49	119	III 2 p n	40		
Do 4		Opn CL	CYG	-	-	6'	20 17.8	+36 45	119	IV 1pn:b	20		
Do 5		Opn CL	CYG	-	-	6'	20 20.8	+39 22	84	III 3mn:t	30		
Do 6		Opn CL	CYG	-	-	10'	20 20.7	+41 22	84	IV 2pn:b	12		
Do 8		Opn CL	CYG	-	-	5'	20 24.4	+42 16	85	I 2pn:b	20		
Do 9		Opn CL	CYG	-	-	7'	20 25.6	+41 54	85	IV 2pn:b	8		
Do 11		Opn CL	CYG	-	-	7'	20 26.4	+41 27	85	IV 3pn:b	15		
Do 36		Opn CL	CYG	-	-	14'	20 02.5	+42 06	84	IV 1 p			
Do 39		Opn CL	CYG	-	-	13'	20 16.4	+37 55	119	III 1 m n	40		
Do 40		Opn CL	CYG	-	-	12'	20 18.2	+37 50	119	III 2 p n	12		
Do 41		Opn CL	CYG	-	-	11'	20 19.3	+37 44	119	IV 1 p			
Do 42		Opn CL	CYG	-	-	11'	20 19.7	+38 08	119	IV 2 p n	20		
Do 43		Opn CL	CYG	-	-	20'	20 21.7	+39 57	84	IV 2 p			
Do 44		Opn CL	CYG	-	-	12'	20 29.7	+41 43	85	IV 2 p n	15		
Do 45		Opn CL	CYG	-	-	18'	21 09.0	+37 36	121	III 2 m n	35		
Do 47		Opn CL	CYG	-	-	5'	20 41.8	+36 37	120	III 2p :b	15		
DoDz 10		Opn CL	CYG	-	-	20'	20 05.6	+40 40	84	IV 1 p n	12	7.1	
DoDz 11		Opn CL	CYG	-	-	13'	20 51.0	+35 55	120	IV 1 p	12		
PK 70+ 1.1	K3-50	Brn Neb	CYG	-	-		20 01.7	+33 32	119				Not a PLNNB;compact H II region in Sh 2-100
Roslund 5		Opn CL	CYG	-	-	45'	20 10.0	+33 46	119	IV 3 p n	15		
Roslund 6		Opn CL	CYG	-	-	24'	20 28.8	+39 20	85	IV 3mn:t	30		
Roslund 7		Opn CL	CYG	-	-	20'	20 52.1	+37 54	120	IV 2p :a			
Ru 172		Opn CL	CYG	-	-	4'	20 11.6	+35 36	119	III 2pn:b	20	12	
Ru 173		Opn CL	CYG	-	-	50'	20 41.8	+35 33	120	III 3 p	20	8	Large loose cl;34 * in 20'
Ru 174		Opn CL	CYG	-	-	5'	20 43.5	+37 02	120	IV 1p :b	10	14	
Ru 175		Opn CL	CYG	-	-	9'	20 45.4	+35 31	120	III 2 p	30	11	Not rich;27 * at 120X in 10" scope
Sh2- 91		SN Rem	CYG	-	-	120'	19 35.6	+29 37	118				Long; thin filament
Sh2-101		Brn Neb	CYG	-	-	16'	20 00.0	+35 17	119	E			Near dark neb B144; appears as bright edge to dark lan
Sh2-104		Brn Neb	CYG	-	-	7'	20 17.8	+36 46	119	E			
Sh2-112		Brn Neb	CYG	-	-	15'	20 33.9	+45 39	85	E			
Sh2-115		Brn Neb	CYG	-	-	30'	20 34.5	+46 48	85	E			
vdB 128		Brn Neb	CYG	-	-	8'	20 04.5	+32 14	119	R			
vdB 133	LBN 218	Brn Neb	CYG	-	-	10'	20 31.0	+36 57	120	R			
vdB 145		Brn Neb	CYG	-	-	9'	21 43.7	+48 55	86	R			
NGC 5906		Galaxy	DRA	-	-		15 15.9	+56 20	50	E+*			Part of NGC 5907
NGC 1909	IC 2118	Brn Neb	ERI	-	-	180'	05 04.5	-07 16	270	R			Witchhead nebula ; Rigel may be illuminator
IC 444	LBN 840	Brn Neb	GEM	-	-	8'	06 19.4	+23 17	137	E			7th mag star (12 GEM) w faint neby;diam 4'
Berk 23		Opn CL	GEM	-	-	4'	06 33.3	+20 32	137	III 1m:b	25	15	
Berk 29		Opn CL	GEM	-	-	4'	06 53.1	+16 55	183	I 1p :b	20	15	
Sh2-247	LBN 843	Brn Neb	GEM	-	-	10'	06 08.5	+21 37	137	E			
NGC 6174		Galaxy	HER	-	-	0.4'	16 29.5	+40 52	80				
DoDz 5		Opn CL	HER	-	-	27'	16 27.4	+38 04	114	III 1 p			
DoDz 6		Opn CL	HER	-	-	17'	16 45.5	+38 21	114	IV 2 p	5	8.8	
DoDz 7		Opn CL	HER	-	-	20'	17 11.4	+15 29	202	III 1 p	6		
DoDz 9		Opn CL	HER	-	-	34'	18 08.8	+31 32	116	III 2 p	15		

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2847		Neb+Gx	HYA	-	-	0.4'	09 20.1	-16 31	278	E+*			An HII region within the GALXY NGC 2848 on the N
Berk 96		Opn CL	LAC	-	-	2'	22 29.8	+55 24	57	II 2p :b	15	13	
Berk 98		Opn CL	LAC	-	-	6'	22 42.6	+52 24	58	III 2m :b	50	15	
King 9		Opn CL	LAC	-	-	2.5'	22 15.5	+54 25	57	I 1m:b	40	18	
NGC 2875		Neb+Gx	LEO	-	-	0.5'	09 25.8	+11 26	188	E+*			An HII region within the GALXY 2874 on the NE side
NGC 2905		Neb+Gx	LEO	-	-	13.3''	09 32.2	+21 31	143	E+*			H I 57; NE arm of NGC 2903
NGC 3189	NGC 3190	Neb+Gx	LEO	-	-		10 18.1	+21 50	144	E+*			HII region within the 3190 on the W edge of the Nucleus
NGC 5593	OCL 926	Opn CL	LUP	-	-	8'	14 25.7	-54 48	430	III 1 p	15	7.8	
NGC 5800	ESO 223-SC	Opn CL	LUP	-	-		15 01.8	-51 55	431				
NGC 2149	VdB 66	Brn Neb	MON	-	-	2'	06 03.5	-09 44	271	R			
NGC 2170	LBN 994	Brn Neb	MON	-	-	2'	06 07.5	-06 24	271	R			H IV 19
NGC 2182	LBN 998	Brn Neb	MON	-	-	3'	06 09.5	-06 20	272	R			H IV 38
NGC 2183	LBN 996	Brn Neb	MON	-	-	2'	06 10.8	-06 13	272	R			
NGC 2185	LBN 997	Brn Neb	MON	-	-	2'	06 11.0	-06 14	272	R			H IV 20
NGC 2219		Opn CL	MON	-	-	8'	06 23.7	-04 41	227				
NGC 2245	LBN 904	Brn Neb	MON	-	-	2'	06 32.7	+10 09	182	R			H IV 3
NGC 2246	LBN 948	Brn Neb	MON	-	-	80'	06 32.6	+05 08	227	E			Rosette nebula
NGC 2247	LBN 901	Brn Neb	MON	-	-	2'	06 33.1	+10 19	182	R			
NGC 2260		Opn CL	MON	-	-	20'	06 38.1	-01 28	227		50	8	H VIII 48
NGC 2261	LBN 920	Brn Neb	MON	-	-	2'	06 39.2	+08 45	182	E+R			Hubble's variable nebula (fan-shape);R Mon invl
NGC 2270		Opn CL	MON	-	-		06 44.0	+03 29	228				H VII 36
NGC 2282	IC 2172	Brn Neb	MON	-	-	3'	06 46.9	+01 19	228	E			
NGC 2306		Opn CL	MON	-	-		06 54.5	-07 12	273				H VIII 51
NGC 2313	LDN 1653	Brn Neb	MON	-	-		06 58.0	-07 57	273	E			diffuse nebula
NGC 2316	NGC 2317	Brn Neb	MON	-	-	4'	06 59.7	-07 47	273	R			H II 304
NGC 2317	NGC 2316	Brn Neb	MON	-	-	4'	06 59.7	-07 46	273	R			
NGC 2349		Opn CL	MON	-	-		07 10.8	-08 36	273				H VII 27
NGC 2364		Opn CL	MON	-	-		07 20.8	-07 33	274				
IC 446	IC 2167	Brn Neb	MON	-	-	25'	06 31.1	+10 27	182	R+*			
IC 448	LBN 930	Brn Neb	MON	-	-	15'	06 32.8	+07 23	182	R			
IC 466	CED 92	Brn Neb	MON	-	-	1'	07 08.6	-04 19	228	E			
IC 2169	IC 447	Brn Neb	MON	-	-	25'	06 31.0	+09 54	182	R			
IC 2177	Gum 2;Sh2-2	Brn Neb	MON	-	-	20'	07 05.1	-10 42	273	E			Streamer incl bright patches 2337 & Gum 1;Eagle nebu
Basel 8		Opn CL	MON	-	-	30'	06 34.2	+08 05	182	IV 3m:n	50		
Berk 24		Opn CL	MON	-	-	6'	06 37.8	-00 53	227	III 1p :b	25	17	
Berk 37		Opn CL	MON	-	-	7'	07 20.3	-01 00	229	III 1p :b	25	15	
Berk 39		Opn CL	MON	-	-	12'	07 46.7	-04 41	230	II 3 r	120	16	
Berk 73		Opn CL	MON	-	-	3'	06 22.1	-06 19	272	I 1p :b	15	16	
Berk 76		Opn CL	MON	-	-	6'	07 06.7	-11 44	273	IV 1m:b	40	16	
Berk 77		Opn CL	MON	-	-	6'	07 21.5	-03 14	229	I 2m :b	30	13	
Biur 7		Opn CL	MON	-	-	5'	06 57.6	+08 17	183	II 1m:b	30	14	
Biur 8	Berk 32	Opn CL	MON	-	-	6'	06 58.1	+06 26	183	II 2 r	70	14	
Biur 9		Opn CL	MON	-	-	4'	06 57.8	+03 14	228	II 2m :b	30	15	
Biur 11		Opn CL	MON	-	-	3'	06 51.4	+05 46	183	III 1p :b	25	15	
Biur 12	Berk 26	Opn CL	MON	-	-	4'	06 51.3	+05 44	183	III 1m:b	30	17	
Biur 13		Opn CL	MON	-	-	5'	07 00.3	-00 14	228	IV 1p :b	20	17	
Cr 95		Opn CL	MON	-	-	19'	06 30.8	+09 56	182	IV 2 p n	10		
Czernik 26		Opn CL	MON	-	-	5'	06 31.5	-04 11	227	III 1m:b	35		
Czernik 27		Opn CL	MON	-	-	5'	07 03.3	+06 25	183	III 1p :b	15		
Czernik 30		Opn CL	MON	-	-	3'	07 31.2	-09 57	274	III 1p :b	20		
Do 22		Opn CL	MON	-	-	8'	08 31.7	+04 39	227	IV 1 p	10		
Do 23		Opn CL	MON	-	-	12'	06 43.1	+00 00	228	IV 2 p	20		
Do 24		Opn CL	MON	-	-	18'	06 44.8	+01 45	228	IV 2 m	40		
Gum 1	Sh2-292	Brn Neb	MON	-	-	19'	07 04.5	-10 28	273	E+R			
Haffner 3		Opn CL	MON	-	-	2.7'	07 04.1	-06 07	273	III 2p :b	20	14	
Ru 4		Opn CL	MON	-	-	5'	06 49.0	-10 31	273	III 2m :b	40	14	
Sh2-282	LBN 978	Brn Neb	MON	-	-	40'	06 38.0	+01 29	227	E			
Sh2-294	LBN 1032	Brn Neb	MON	-	-	8'	07 16.6	-09 26	274	E			
vdB 80	LBN 1015	Brn Neb	MON	-	-	5.8''	06 30.9	-09 39	272	R	6		
NGC 6164	PK 336-0.1	Brn Neb	NOR	-	-	60''	16 33.7	-48 05	407	3b		6.8	np condensation in PK 336-0.1 an emission nebula
NGC 6165	PK 336-0.1	Brn Neb	NOR	-	-	60''	16 34.1	-48 09	407	3b		6.8	sf condensation in PK 336-0.1 an emission nebula
Harvard 9		Opn CL	NOR	-	-	3'	15 34.2	-52 44	432	IV 2p :a			
Hogg 19		Opn CL	NOR	-	-	4'	16 28.9	-49 07	407	IV 2p :a			
Lynge 5		Opn CL	NOR	-	-	5'	15 42.0	-56 39	432	III 1p :b	20		
Lynge 7		Opn CL	NOR	-	-	2.2'	16 11.0	-55 18	432	II 2p :a		16	

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Lynga 8		Opn CL	NOR	-	-	1'	16 22.9	-50 11	432	III 2m :a			
Lynga 9		Opn CL	NOR	-	-	5'	16 20.7	-48 31	406	III 1m:a			
Moffat 1		Opn CL	NOR	-	-	8'	16 02.4	-54 08	432	IV 2p :b	20		
Pismis 22		Opn CL	NOR	-	-	4'	16 14.1	-51 53	432	I 2p :a	30	7.7	
Pismis 23		Opn CL	NOR	-	-	1'	16 24.0	-47 19	406	III 2m :a		15	
RCW 102		Br Neb	NOR	-	-	12'	16 17.8	-51 55	432	E			Oval shape; elongated NE and SE; very rich field
RCW 103		SN Rem	NOR	-	-	5'	16 17.1	-51 07	432				Broken ring shape; very rich field
RCW 104		Br Neb	NOR	-	-	20'	16 24.0	-51 31	432	E			
RCW 106		Br Neb	NOR	-	-	35'	16 20.8	-50 55	432	E			
Ru 113	Cr 36	Opn CL	NOR	-	-	45'	15 57.2	-59 28	432	III 1 m	20	9	
Ru 114		Opn CL	NOR	-	-	8'	16 06.6	-55 52	432	IV 1m:b	50	12	
Ru 115		Opn CL	NOR	-	-	5'	16 12.9	-52 23	432	III 1p :a		13	
Ru 116		Opn CL	NOR	-	-	5'	16 23.4	-52 00	432	II 2 p		9	
Ru 117		Opn CL	NOR	-	-	1.7'	16 23.5	-51 52	432	III 1p :a		12	
Ru 176		Opn CL	NOR	-	-		16 14.9	-51 20	432				Stellar arc or broken ring--Archinal
NGC 6525		Opn CL	OPH	-	-	10'	18 02.1	+11 02	204				
IC 4603	LBN 1109	Br Neb	OPH	-	-	20'	16 25.4	-24 28	336	E+*			
IC 4604	LBN 1112	Br Neb	OPH	-	-	60'	16 25.6	-23 27	336	E+*			Photographically 140' X 70'
Do 27		Opn CL	OPH	-	-	24'	16 36.5	-08 57	291	IV 2 p n	15		
vdB 111	LBN 88	Br Neb	OPH	-	-	12'	17 19.0	+06 05	202	R			
NGC 1663	OCL 461	Opn CL	ORI	-	-		04 49.6	+13 09	179	IV 2 p	30		H VIII 7
NGC 1788	LBN 916	Br Neb	ORI	-	-	5'	05 06.9	-03 20	225	R			H V 32; possible reflection nebula
NGC 1990	LBN 940	Br Neb	ORI	-	-	50'	05 36.2	-01 12	226	E+R			H V 34
NGC 1999	LBN 979	Br Neb	ORI	-	-	2'	05 36.4	-06 43	271	E+R			H IV 33
NGC 2023	LBN 953	Br Neb	ORI	-	-	10'	05 41.6	-02 16	226	E+R			H IV 24
NGC 2024	CED 55P	Br Neb	ORI	-	-	30'	05 41.7	-01 51	226	E			Tank Track Neb; flame, masked by Zeta Ori
NGC 2064	LBN 1627	Br Neb	ORI	-	-	10'	05 46.3	+00 00	226	R			
NGC 2067	DG 79	Br Neb	ORI	-	-	8'	05 46.4	+00 06	226	E			part of M78
NGC 2143		Opn CL	ORI	-	-	11'	06 03.1	+05 43	181		12	10	
NGC 2163	Ced 62	Br Neb	ORI	-	-	3'	06 07.8	+18 39	136	R			Two symmetrical fans extending N-S
NGC 2174	CED 67A	Br Neb	ORI	-	-	40'	06 09.4	+20 40	137	E			w IC 2159 sf; contains cluster
NGC 2175S	Lund 1182	Opn CL	ORI	-	-	21'	06 10.9	+20 36	137		20		
NGC 2180		Opn CL	ORI	-	-		06 09.6	+04 43	227				H VIII 6
NGC 2202		Opn CL	ORI	-	-		06 16.8	+06 00	182				
IC 423	LBN 913	Br Neb	ORI	-	-	2'	05 33.4	-00 37	225	E			
IC 426	LBN 921	Br Neb	ORI	-	-	10'	05 36.5	-00 18	226	E			
IC 430	CED 55K	Br Neb	ORI	-	-	11'	05 38.5	-07 05	271	E			
IC 431	LBN 944	Br Neb	ORI	-	-	8'	05 40.2	-01 28	226	E			
IC 432	LBN 946	Br Neb	ORI	-	-	10'	05 40.9	-01 30	226	E			
IC 435	CED 55Q	Br Neb	ORI	-	-	5'	05 43.0	-02 19	226	R			
IC 2162	Sh2-256	Br Neb	ORI	-	-	4'	06 12.9	+17 59	137	E			With E-W extensions
Berk 20		Opn CL	ORI	-	-	3'	05 33.6	+00 11	225	II 2p :b	20	15	
Berk 22		Opn CL	ORI	-	-	2'	05 58.5	+07 45	181	I 2p :b	20	15	
Berk 72		Opn CL	ORI	-	-	5'	05 50.2	+22 15	136	II 1p :b	15	15	
Ced 59	LBN 879	Br Neb	ORI	-	-	3'	05 45.3	+09 04	181	E+R			In dark neb B35
Ced 62		Br Neb	ORI	-	-	2.0'	06 07.8	+18 40	137	bipolar		13	Two symmetrical fans extending N-S
Czernik 24		Opn CL	ORI	-	-	5'	05 55.5	+20 52	136	III 1m:b	35		
Czernik 25		Opn CL	ORI	-	-	6'	06 13.7	+06 57	182	III 1p :b	20		
Do 17		Opn CL	ORI	-	-	12'	05 22.4	+07 07	180	IV 2 p			Only 5 pB *
Do 19		Opn CL	ORI	-	-	24'	05 23.7	+08 10	180	IV 1 p			
Do 21	Cr 458	Opn CL	ORI	-	-	12'	05 27.4	+07 04	180	IV 2 p			Skiff: not seen in 0.2 degree field
DoDz 2		Opn CL	ORI	-	-	12'	05 23.2	+11 27	180	III 2p	12		
PK 195- 0.1	Sh2-266	Br Neb	ORI	-	-	80"	06 18.9	+15 17	182	3		11.5	Not a PLNNB;H II region w Balmer line emission
PK 196- 1.1	Sh2-267	Br Neb	ORI	-	-	350"	06 15.8	+14 16	182	3			Not a PLNNB;IRAS confirms HII region
PK 197- 2.1	Sh2-271	Br Neb	ORI	-	-	2.0'	06 15.2	+12 22	182	3b		14	Not a PLNNB;IRAS confirms HII region
Sh2-261	LBN 863	Br Neb	ORI	-	-	30'	06 08.6	+15 47	182	E			Lower's nebula
Sh2-263	LBN 866	Br Neb	ORI	-	-	20'	05 21.4	+08 25	180	E+R		5.7	Brightst part of Lambda Ori neb
vdB 37	LBN 850	Br Neb	ORI	-	-	12'	05 18.1	+13 26	180	R			
vdB 38	Ced 44	Br Neb	ORI	-	-	20'	05 21.4	+08 25	180	R			
vdB 49	LBN 894	Br Neb	ORI	-	-	6'	05 39.2	+04 07	226	R			
NGC 7772	OCL 230	Opn CL	PEG	-	-	2'	23 51.8	+16 15	170	III 1 p			
NGC 1333	LBN 741	Br Neb	PER	-	-	9'	03 29.2	+31 22	94	R		9.5	Bright neb with many dark neb in area incl B205
NGC 1348	OCL 391	Opn CL	PER	-	-	5'	03 34.1	+51 25	39	II 2 p	30	8.5	H VIII 84
NGC 1491	LBN 704	Br Neb	PER	-	-	6'	04 03.2	+51 19	39	E			H I 258
NGC 1579	LBN 766	Br Neb	PER	-	-	3'	04 30.2	+35 17	96	R			H I 217;Dark lane invl

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Berk 9		Opn CL	PER	-	-	5'	03 32.7	+52 39	39	II 1p :b	20	15	
Berk 12		Opn CL	PER	-	-	6'	04 44.4	+42 41	65	II 1m:b	30	16	
Berk 67		Opn CL	PER	-	-	7'	04 37.8	+50 46	40	III 1m:b	30	15	
Czernik 12		Opn CL	PER	-	-	3'	02 39.4	+54 55	38	III 1p :b	15		
Czernik 15		Opn CL	PER	-	-	3'	03 23.2	+52 13	38	IV 2p :b	10		
Czernik 16		Opn CL	PER	-	-	9'	03 31.0	+52 36	39	IV 2p :b	12		
King 5		Opn CL	PER	-	-	7'	03 14.0	+52 42	38	I 2m :b	40	13	
King 7		Opn CL	PER	-	-	5'	03 59.2	+51 47	39	I 2r :b	80	16	
PK 149- 1.1	Kr 2-1	Brn Neb	PER	-	-	84"	03 51.6	+51 29	39	2		17.8	Not a PLNNB;reflection nebula
Stock 4		Opn CL	PER	-	-	20'	01 52.8	+57 04	37	III 1p	15	11	
vdB 24		Brn Neb	PER	-	-	9'	03 49.6	+38 59	95	R			
NGC 2413		Opn CL	PUP	-	-	10'	07 33.3	-13 06	274				H VIII 52
NGC 2425	OCL 599	Opn CL	PUP	-	-	3.3'	07 38.3	-14 53	274	III 2p	30	14	H VIII 87
NGC 2428		Opn CL	PUP	-	-	6'	07 39.4	-16 32	274				H VIII 47
NGC 2448	ESO 493-**8	Opn CL	PUP	-	-	5'	07 44.6	-24 40	320				
Czernik 31		Opn CL	PUP	-	-	9'	07 37.0	-20 32	319	III 2m :b	40		
Czernik 32		Opn CL	PUP	-	-	3'	07 50.5	-29 51	362	II 1m:b	30		
Haffner 11		Opn CL	PUP	-	-	4.4'	07 35.4	-27 42	319	II 2m :b	35	16	
Haffner 13		Opn CL	PUP	-	-	15'	07 40.5	-30 05	362	II 3p	15	8	
Haffner 14		Opn CL	PUP	-	-	3.8'	07 45.5	-27 52	320	III 1m:b		14	
Haffner 17		Opn CL	PUP	-	-	1.6'	07 51.6	-31 49	362	I 2p :b	20	15	
Haffner 22		Opn CL	PUP	-	-	4.8'	08 12.7	-27 52	320	II 1m:b	30	15	
Haffner 25		Opn CL	PUP	-	-	1'	07 49.0	-26 57	320	III 1p :b	20	14	
Haffner 26		Opn CL	PUP	-	-	6'	08 15.4	-30 49	362	III 2p :b	20	14	
Pismis 2		Opn CL	PUP	-	-	4.3'	08 17.9	-41 40	396	II 1r :b	100	15	
Ru 22		Opn CL	PUP	-	-	2.8'	07 29.3	-29 11	361	IV 1p :b	15	12	
Ru 23		Opn CL	PUP	-	-	3'	07 30.7	-23 22	319	III 1p :b	20	13	
Ru 24		Opn CL	PUP	-	-	2'	07 31.9	-12 47	274	III 1p	15	11	
Ru 25		Opn CL	PUP	-	-	0.7'	07 36.8	-23 23	319	III 1p :b	10	14	
Ru 26		Opn CL	PUP	-	-	10'	07 37.2	-15 41	274	III 1p :b	20	12	
Ru 27		Opn CL	PUP	-	-	18'	07 37.6	-26 30	319	II 2m	30	12	
Ru 28		Opn CL	PUP	-	-	4'	07 39.6	-29 18	362	IV 1p :b	20	14	
Ru 30		Opn CL	PUP	-	-	6.5'	07 42.2	-31 28	362	II 2p	30	11	
Ru 31		Opn CL	PUP	-	-	2'	07 42.0	-35 35	362	I 3p	15	11	
Ru 33		Opn CL	PUP	-	-	6'	07 45.8	-21 57	320	IV 1p :b	20	13	
Ru 35		Opn CL	PUP	-	-	0.8'	07 46.2	-31 17	362	II 1p :b	10	14	
Ru 37		Opn CL	PUP	-	-	0.8'	07 49.8	-17 15	275	II 2m :b	30	14	
Ru 38		Opn CL	PUP	-	-	6'	07 50.5	-20 11	320	III 2p :b	15	13	
Ru 39		Opn CL	PUP	-	-	1.5'	07 52.3	-22 27	320	III 1p :b	15	14	
Ru 40		Opn CL	PUP	-	-	3.5'	07 33.5	-20 31	319	IV 1p :b	10	13	
Ru 41		Opn CL	PUP	-	-	1.1'	07 53.8	-26 58	320	IV 1p :b	20	14	
Ru 42		Opn CL	PUP	-	-	1.5'	07 57.7	-25 55	320	III 2p :b	20	14	
Ru 45		Opn CL	PUP	-	-	11'	07 59.6	-16 17	275	IV 2p	35	13	
Ru 48		Opn CL	PUP	-	-	2'	08 02.7	-30 03	362	III 1p :b	20	12	
Ru 50		Opn CL	PUP	-	-	3.5'	08 03.4	-30 52	362	II 2m :b	30	12	
Ru 51		Opn CL	PUP	-	-	4.5'	08 03.6	-30 37	362	IV 1m:b	30	14	
Ru 52		Opn CL	PUP	-	-	2.5'	08 05.0	-31 56	362	III 1p :b	15	13	
Ru 53		Opn CL	PUP	-	-	18'	08 10.8	-27 00	320	IV 2p	40	10	
Ru 54		Opn CL	PUP	-	-	2.5'	08 11.4	-31 57	362	III 2p :b	20	15	
Ru 56		Opn CL	PUP	-	-	42'	08 12.6	-40 28	396	IV 2p	40	9	
Ru 57		Opn CL	PUP	-	-	5'	08 14.8	-26 58	320	IV 2m :b	30	12	
Ru 58		Opn CL	PUP	-	-	10'	08 14.9	-31 56	362	IV 1m:b	30	12	
Ru 61		Opn CL	PUP	-	-	2.5'	08 25.3	-34 09	363	II 1p :b	25	14	
Ru 151		Opn CL	PUP	-	-	15'	07 41.1	-16 17	274	IV 3m	30	12	
Ru 152		Opn CL	PUP	-	-	1.7'	07 54.5	-38 14	362	II 1m:b	35	16	
Ru 153		Opn CL	PUP	-	-	2.8'	08 00.3	-30 14	362	IV 2pe:a		14	
Ru 154		Opn CL	PUP	-	-	0.6'	08 01.7	-44 25	396	III 2p :b	20	13	
Ru 155		Opn CL	PUP	-	-	2'	08 05.0	-31 46	362	IV 1p :b	10	13	
Sh2-302	Gum 6;RCW	Brn Neb	PUP	-	-	20'	07 31.6	-16 58	274	E			Cluster Bochum 5 invl
Sh2-307	Gum 7;RCW	Brn Neb	PUP	-	-	4'	07 35.5	-18 46	319	E			
Sh2-311	LBN 1067	Brn Neb	PUP	-	-	16'	07 52.4	-26 25	320	E			Involved in cluster NGC 2467; dark lane near middle
vdB 97		Brn Neb	PUP	-	-	10'	07 32.2	-17 03	274	R			
vdB 98	Ced 101	Brn Neb	PUP	-	-	10'	07 36.6	-25 18	319	R			
Ru 62		Opn CL	PYX	-	-	7'	08 32.5	-19 39	321	IV 2p	20	11	
Ru 66		Opn CL	PYX	-	-	2'	08 40.5	-38 05	363	II 1p :b	20	15	

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Ru 68		Opn CL	PYX	-	-	10'	08 44.5	-35 55	363	III 1r :b	80	14	
Ru 72		Opn CL	PYX	-	-	1.4'	08 52.1	-37 36	363	IV 1p :b	10	13	
Ru 74		Opn CL	PYX	-	-	2.2'	09 21.3	-37 07	364	III 1p :b	20	13	
Ru 157		Opn CL	PYX	-	-	17'	08 29.9	-19 06	321	IV 2 p	30	11	
Ru 158		Opn CL	PYX	-	-	2.5'	08 52.4	-37 34	363	III 2p :b	10	12	
Sh2-312		Brn Neb	PYX	-	-	720'	09 00.0	-26 00	322	E			
NGC 6334	ESO 392-EN	Brn Neb	SCO	-	-	120'	17 20.8	-36 06	376	E			Bear's Claw nebula
NGC 6357	ESO 392-SC	Brn Neb	SCO	-	-	50'	17 24.7	-34 12	376	E+			
NGC 6444	Ru 132	Opn CL	SCO	-	-	12'	17 49.6	-34 49	377	IV 1 p		11	
IC 4592	LBN 1113	Brn Neb	SCO	-	-	60'	16 12.0	-19 28	335	E+			
IC 4601	ESO 585-*N	Brn Neb	SCO	-	-	20'	16 20.3	-20 05	336	E+			
IC 4605	LBN 1110	Brn Neb	SCO	-	-	30'	16 30.2	-25 07	336	E+			Surrounds 22 Sco;irregular shape
IC 4628	ESO 332-EN	Brn Neb	SCO	-	-	90'	16 57.0	-40 27	407	E			
Antalova 1		Opn CL	SCO	-	-	12.0'	17 28.9	-31 33	376	IV 2pn:b	20	7	
Harvard 16		Opn CL	SCO	-	-	15'	17 31.0	-36 48	376	IV 2 p	70	8.5	20 * mags 10...;In field of Lambda Sco
Hav-Moffat		Opn CL	SCO	-	-	6'	17 19.0	-38 49	376	III 2p :b	20		
Lynga 13		Opn CL	SCO	-	-	7'	16 50.0	-43 26	407	III 1m:b	30		
PK 345- 0.1	Haro 2- 3	Brn Neb	SCO	-	-		17 09.5	-41 36	407				Not a PLNNB;compact H II region RCW 117
PK 348- 0.1	Haro 2- 6	Brn Neb	SCO	-	-		17 18.4	-39 19	408				Not a PLNNB;compact H II region RCW 121
RCW 126		Brn Neb	SCO	-	-	16'	17 16.9	-36 21	376	E			Faint and diffuse
Ru 123	Harvard 14	Opn CL	SCO	-	-	9'	17 23.4	-37 56	376	II 3 p	50	10	About 40 * mags 15...
Ru 126		Opn CL	SCO	-	-	6'	17 35.0	-34 19	376	IV 2p :b	20	13	
Ru 128		Opn CL	SCO	-	-	3.4'	17 44.3	-34 53	377	IV 1m:b		13	
Sh2- 1	LBN 1093	Brn Neb	SCO	-	-	150'	15 55.7	-25 40	335	E+R			Neb brightest south of Pi Sco
Sh2- 3	Gum 58;RCV	Brn Neb	SCO	-	-	7.3'	17 12.3	-38 29	376	E			
Sh2- 5	Gum 59;RCV	Brn Neb	SCO	-	-	32'	17 24.9	-38 12	376	E			
Sh2- 9		Brn Neb	SCO	-	-	35'	16 20.2	-25 22	336	E+R			
Sh2- 13	Gum 68;RCV	Brn Neb	SCO	-	-	40'	17 29.0	-31 31	376	E			
vdB 107	Ced 132	Brn Neb	SCO	-	-	85'	16 29.2	-26 27	336	R			Antares involved;not IC 4606?
NGC 6682		Opn CL	SCT	-	-	18'	18 39.6	-04 47	250				
IC 1287	LBN 76	Brn Neb	SCT	-	-	20'	18 31.6	-10 50	295	E		6	Dbl * Struve 2325 illum neby--Hartung
Do 28		Opn CL	SCT	-	-	12'	18 25.4	-14 39	295	IV 2 p	20		Involved in nebula Sh2-50
Do 29		Opn CL	SCT	-	-	18'	18 31.4	-06 38	295				
Do 30		Opn CL	SCT	-	-	18'	18 32.9	-06 02	295				
Do 32		Opn CL	SCT	-	-	12'	18 40.4	-04 06	250	I 2 p	40		
PK 26+ 0.1	VV 1-8	Brn Neb	SCT	-	-	120"	18 33.3	-04 58	250	3			Not a PLNNB;H II region;part of Sh2-61
Ru 141		Opn CL	SCT	-	-	7'	18 31.3	-12 19	295	III 2 m	20	12	
Ru 142		Opn CL	SCT	-	-	4'	18 32.2	-12 14	295	IV 1p :b	15	13	
Ru 143		Opn CL	SCT	-	-	5'	18 32.7	-12 08	295	IV 1m:b	30	14	
Ru 144		Opn CL	SCT	-	-	5'	18 32.5	-11 25	295	IV 1p :b	10	12	
Ru 170		Opn CL	SCT	-	-	2.5'	18 25.2	-10 01	295	IV 1m:b		13	
Ru 171		Opn CL	SCT	-	-	6'	18 32.6	-16 02	295	III 1r :b	15	14	
Sh2- 53		Brn Neb	SCT	-	-	15'	18 25.2	-13 14	295	E			
Sh2- 55	LBN 74	Brn Neb	SCT	-	-	5'	18 32.2	-11 46	295	E			
Archinal 1		Opn CL	SER	-	-	1.5'	18 54.7	+05 33	250	II 2 p	24	13.4	Includes 4 GSC stars; near IC 4756
Czernik 38		Opn CL	SER	-	-	14'	18 49.7	+04 58	250	II 3 r	80		
Do 33		Opn CL	SER	-	-	6'	18 40.7	-04 23	250	III 2m :b	30		
Ru 135		Opn CL	SER	-	-	11'	17 58.0	-11 39	294	I 1 p	20		
Sh2- 46	Gum 80;RCV	Brn Neb	SER	-	-	30'	18 06.1	-14 11	294	E			
Sh2- 64	LBN 90	Brn Neb	SER	-	-	20'	18 31.6	-02 05	250	E			
vdB 123	LBN 96	Brn Neb	SER	-	-	10'	18 30.4	+01 14	250	R			
Berk 44		Opn CL	SGE	-	-	2'	19 17.3	+19 33	161	III 1m:b	30	16	
Berk 47		Opn CL	SGE	-	-	5'	19 28.5	+17 22	162	II 2p :b	20	16	
Roslund 1		Opn CL	SGE	-	-	3'	19 45.1	+17 35	162	IV 1p :b	15		
Roslund 3		Opn CL	SGE	-	-	5'	19 58.7	+20 31	162	IV 1p :b	20		
Sh2- 82		Brn Neb	SGE	-	-	7'	19 30.3	+18 16	162	E+R			Large and irregularly round
Sh2- 84		Brn Neb	SGE	-	-	15'	19 49.0	+18 24	162	E			V shaped neby; rich field of stars
NGC 6506	OCL 16	Opn CL	SGR	-	-	4'	17 59.9	-24 41	339	IV 1 p			
NGC 6526	ESO 521-*N	Brn Neb	SGR	-	-	40'	18 04.1	-24 27	339	E+			H V 9
NGC 6533		CL+Neb	SGR	-	-	90'	18 04.1	-24 24	339	E+			
NGC 6559	LBN 29	Brn Neb	SGR	-	-	5'	18 10.0	-24 07	339	E			connected w IC 4681
NGC 6589	IC 1283;IC 4	Brn Neb	SGR	-	-	15'	18 16.9	-19 47	339	E			
NGC 6590	LBN 43	Brn Neb	SGR	-	-	4'	18 17.0	-19 44	339	R			
NGC 6596	OCL 41	Opn CL	SGR	-	-	10'	18 17.5	-16 40	294	III 2 m n	30		H VIII 55
NGC 6774	Ru 147	Opn CL	SGR	-	-	25'	19 16.3	-16 16	296	III 2 m	20	9	

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
IC 1274	IC 1275	Brn Neb	SGR	-	-	20'	18 10.1	-23 42	339	E+			
IC 1275	IC 1274	Brn Neb	SGR	-	-	20'	18 10.1	-23 42	339	E+			
IC 1284	Gum 78;RCV	Brn Neb	SGR	-	-	17'	18 17.7	-19 40	339	E+			
IC 4684	IC 4681	Brn Neb	SGR	-	-	3'	18 09.1	-23 26	339	E+			
IC 4685	OCL 22	Brn Neb	SGR	-	-	10'	18 09.3	-23 59	339	E+			
IC 4701	Gum 79;RCV	Brn Neb	SGR	-	-	60'	18 16.0	-16 44	294	E			
Basel 5		Opn CL	SGR	-	-	9.0'	17 52.5	-30 06	377	III 2m:b	30		
Czernik 37		Opn CL	SGR	-	-	3'	17 53.3	-27 22	339	II 1m:b	35		
Markarian 34		Opn CL	SGR	-	-	2'	18 15.3	-18 59	339	I 1p:a			
Ru 130		Opn CL	SGR	-	-	3.9'	17 47.5	-30 06	377	II 1p:b	20	14	
Ru 131		Opn CL	SGR	-	-	10'	17 49.1	-29 13	377	III 1p	15	11	
Ru 133		Opn CL	SGR	-	-	5'	17 52.5	-28 41	339	IV 2p:b	20	12	
Ru 134		Opn CL	SGR	-	-	5'	17 52.8	-29 33	377	II 1 mn:b	30	12	
Ru 136		Opn CL	SGR	-	-	2.2'	17 59.3	-24 41	339	IV 1m:b	40	13	
Ru 137		Opn CL	SGR	-	-	3'	18 00.0	-25 10	339	IV 2m:b	30	13	
Ru 138		Opn CL	SGR	-	-	4'	18 00.0	-24 40	339	IV 1p:b	20	13	
Ru 139		Opn CL	SGR	-	-	10'	18 01.2	-23 32	339	III 2m:b	80	12	
Ru 140		Opn CL	SGR	-	-	3.5'	18 21.8	-33 15	378	III 2p	15	11	
Ru 145		Opn CL	SGR	-	-	35'	18 50.3	-18 12	340	III 1m		10	
Ru 168		Opn CL	SGR	-	-	3.4'	17 52.8	-28 27	339	IV 1p:b	20	12	
Sh2- 16	Gum 70	Brn Neb	SGR	-	-	14'	17 46.6	-29 18	377	E			
NGC 1432	LBN 772	Brn Neb	TAU	-	-	60'	03 45.8	+24 22	132	R			
NGC 1435	CED 19l	Brn Neb	TAU	-	-	30'	03 46.2	+23 46	132	R		4.2	Tempel's nebula; fan-shaped
NGC 1555	DG 31	Brn Neb	TAU	-	-	0.5'	04 21.9	+19 32	133	R			Hind's Variable Neb; associated with star T Tauri
NGC 1750		Opn CL	TAU	-	-		05 03.9	+23 41	134			8	H VIII 43; Part of NGC 1746
NGC 1758	OCL 453	Opn CL	TAU	-	-	39'	05 04.7	+23 47	135	IV 1p			H VII 21
NGC 1802		Opn CL	TAU	-	-	20'	05 10.2	+24 08	135		25	9.2	H VIII 41
NGC 2026		Opn CL	TAU	-	-	7'	05 43.0	+20 08	136				H VIII 28
IC 349	vdB 22	Brn Neb	TAU	-	-	30'	03 46.3	+23 56	132	R			Very small neb south foll Merope
IC 353	LBN 774	Brn Neb	TAU	-	-	180'	03 53.0	+25 30	132	E			
IC 360	LBN 786	Brn Neb	TAU	-	-	180'	04 09.0	+26 08	133	E			
IC 1995	LBN 774	Brn Neb	TAU	-	-	2'	03 50.3	+25 35	132	E			
IC 2087	LBN 813	Brn Neb	TAU	-	-	4'	04 40.0	+25 45	134	E			In dark neb B22
Ced 19c		Brn Neb	TAU	-	-	16'	03 44.8	+24 17	132	R			
Ced 19e		Brn Neb	TAU	-	-	21'	03 45.2	+24 28	132	R			
Ced 19h		Brn Neb	TAU	-	-	15'	03 45.9	+24 33	132	R			
Ced 19o		Brn Neb	TAU	-	-	11'	03 49.2	+24 03	132	R			
Ced 19p		Brn Neb	TAU	-	-	10'	03 49.2	+24 08	132	R			
Ced 33	LBN 788	Brn Neb	TAU	-	-	5'	04 27.1	+26 06	133	R			
Ced 34	LBN 814	Brn Neb	TAU	-	-	12.5'	04 27.2	+23 00	133	R			
Czernik 18		Opn CL	TAU	-	-	10'	04 27.8	+30 57	96	IV 1p:b	15		
Do 14		Opn CL	TAU	-	-	12'	04 06.6	+27 34	133	IV 2p	18		
DoDz 3		Opn CL	TAU	-	-	15'	05 33.7	+26 31	135	IV 2p	10		
DoDz 4		Opn CL	TAU	-	-	28'	05 35.9	+25 57	135	IV 1p	15		
Sh2-240	Simeis 147	SN Rem	TAU	-	-	200'	05 39.1	+28 00	97	E			Huge oval cloud w filaments; prob supernova remnant
vdB 26	LBN 828	Brn Neb	TAU	-	-	11'	04 13.6	+10 13	178	R			
vdB 29	LBN 792	Brn Neb	TAU	-	-	10'	04 48.2	+29 46	96	R			
NGC 588		Neb+Gx	TRI	-	-	0.7'	01 32.8	+30 39	91	E+			Part of NGC 598 = M33
NGC 592		Neb+Gx	TRI	-	-	0.3'	01 33.2	+30 39	91	E+			Part of NGC 598 = M33
NGC 595		Neb+Gx	TRI	-	-	0.5'	01 33.6	+30 42	91	E+			Part of NGC 598 = M33
NGC 604		Neb+Gx	TRI	-	-	2'	01 34.6	+30 47	91	E+			Emission neb in arm of M 33; largest H II reg. known
NGC 3180		Neb+Gx	UMA	-	-		10 18.2	+41 27	72	E+			An HII region within the GALXY NGC 3184 on the NW s
NGC 3181		Neb+Gx	UMA	-	-		10 18.2	+41 25	72	E+			An HII region within the GALXY NGC 3184 on the W sid
NGC 3231		Opn CL	UMA	-	-	4'	10 27.0	+66 49	24				
NGC 5447		Neb+Gx	UMA	-	-		14 02.5	+54 17	49	E+			H III 787; knot on the arm of NGC 5457 = M 101
NGC 5449		Neb+Gx	UMA	-	-		14 02.5	+54 20	49	E+			knot on the arm of NGC 5457 = M 101
NGC 5450		Neb+Gx	UMA	-	-		14 02.5	+54 16	49	E+			knot on the arm of NGC 5457 = M 101
NGC 5451		Neb+Gx	UMA	-	-		14 02.6	+54 22	49	E+			knot on the arm of NGC 5457 = M 101
NGC 5453		Neb+Gx	UMA	-	-		14 02.9	+54 18	49	E+			knot on the arm of NGC 5457 = M 101
NGC 5455		Neb+Gx	UMA	-	-		14 03.0	+54 14	49	E+			knot on the arm of NGC 5457 = M 101
NGC 5458		Neb+Gx	UMA	-	-		14 03.2	+54 18	49	E+			knot on the arm of NGC 5457 = M 101
NGC 5461		Neb+Gx	UMA	-	-		14 03.7	+54 19	49	E+			H III 788; knot on the arm of NGC 5457 = M 101
NGC 5462		Neb+Gx	UMA	-	-		14 03.9	+54 22	49	E+			H III 789; knot on the arm of NGC 5457 = M 101
NGC 2626	ESO 313-N*	Brn Neb	VEL	-	-	5'	08 35.5	-40 40	397	E+R			
NGC 2736	RCW 37	Brn Neb	VEL	-	-	30'	09 00.4	-45 54	397	E			luminous filamentary nebula

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
NGC 2982	OCL 770	Opn CL	VEL	-	-	12'	09 42.0	-44 02	398				
NGC 3446	ESO 264-SC	Opn CL	VEL	-	-	7'	10 52.1	-45 08	400				small cluster of 10 to 15 stars
Gum 12		SN Rem	VEL	-	-	264'	08 30.0	-44 00	397	E			Vela Supernova Remnant ; pulsar PSR 0833 -45
Gum 15	RCW 32	Brit Neb	VEL	-	-	20'	08 44.8	-41 17	397	E			Brighter knot in Gum nebula (Vela SNR)
Gum 23	RCW 38	Brit Neb	VEL	-	-	20'	08 59.7	-47 27	397	E			Part of Gum neb (Vela SNR)
Gum 35	RCW 40	Brit Neb	VEL	-	-	7'	09 02.4	-48 42	397	E			
Hogg 2		Opn CL	VEL	-	-	5'	09 51.5	-56 17	426	IV 2p :b	20		Difficult on POSS plate
Hogg 3		Opn CL	VEL	-	-	4'	09 57.7	-54 41	426	IV 2p :b	10		
Hogg 4		Opn CL	VEL	-	-	4'	09 57.9	-54 37	426				
Pismis 3		Opn CL	VEL	-	-	6'	08 31.4	-38 39	363	II 1m:b	20	13	
Pismis 7		Opn CL	VEL	-	-	2.5'	08 41.1	-38 42	363	II 1m:b	35	13	
Pismis 10		Opn CL	VEL	-	-	2.5'	09 02.6	-43 38	397			10	
Pismis 11	vdB-Ha 60	Opn CL	VEL	-	-	2'	09 16.0	-50 01	398	I 2p :b	20	12	
Pismis 14		Opn CL	VEL	-	-	1.5'	09 29.3	-52 42	425	II 2p :b	12	14	
Pismis 15		Opn CL	VEL	-	-	4.5'	09 34.8	-48 02	398	II 1m:b	35	14	
Ru 60		Opn CL	VEL	-	-	6'	08 24.5	-47 13	397	II 1m:b	30	13	
Ru 63		Opn CL	VEL	-	-	5'	08 32.7	-48 18	397	II 1p :b	20	13	
Ru 64		Opn CL	VEL	-	-	67'	08 37.4	-40 05	397	II 3 p	80	9	
Ru 65		Opn CL	VEL	-	-	11'	08 39.4	-44 03	397	IV 1 p	20	13	
Ru 69		Opn CL	VEL	-	-	2.2'	08 44.8	-47 36	397	IV 1pn:b	10	14	
Ru 70		Opn CL	VEL	-	-	5'	08 49.1	-46 49	397	IV 2p :a		13	
Ru 71		Opn CL	VEL	-	-	7'	08 49.5	-46 47	397	III 2 p	30	11	
Ru 73		Opn CL	VEL	-	-	3.6'	09 01.2	-50 55	397	IV 1p :b	25	14	
Ru 75		Opn CL	VEL	-	-	4'	09 21.9	-56 19	425	II 1p :b	20	12	
Ru 78		Opn CL	VEL	-	-	3'	09 29.1	-53 42	425	II 2m :b	30	15	
Ru 80		Opn CL	VEL	-	-	12'	09 42.3	-44 02	398	III 1 p		13	
Ru 81		Opn CL	VEL	-	-	5'	09 45.2	-44 06	398	IV 3p :a		12	
Ru 85		Opn CL	VEL	-	-	1.7'	10 01.5	-55 07	426	III 1m:b	40	15	
Ru 87		Opn CL	VEL	-	-	2.2'	10 15.5	-50 43	426	II 3 p	20	11	
Ru 160		Opn CL	VEL	-	-	1.7'	09 55.5	-47 01	398	I 3p :a		14	
NGC 6793	OCL 115	Opn CL	VUL	-	-	6'	19 23.2	+22 11	161	IV 2 p			H VIII 81
NGC 6800	OCL 123	Opn CL	VUL	-	-	5'	19 27.1	+25 08	161	III 2 p	20	10	H VIII 21;30' NW from Alpha Vul
NGC 6813	SG 3.148	Brit Neb	VUL	-	-	3'	19 40.4	+27 18	162	E			
NGC 6827	Berk 48	Opn CL	VUL	-	-	2'	19 48.9	+21 13	162				
IC 4954	IC 4955;Ced	Brit Neb	VUL	-	-	10'	20 04.8	+29 15	119	E			3 Bright components;Roslund 4 open cluster invl
Berk 52		Opn CL	VUL	-	-	4'	20 14.5	+28 57	119	I 1m:b	40	18	
Berk 83		Opn CL	VUL	-	-	4'	20 01.4	+28 39	119	II 1p :b	20	17	
Czernik 41		Opn CL	VUL	-	-	9'	19 51.0	+25 18	162	III 2m :b	30		
Roslund 2		Opn CL	VUL	-	-	15.0'	19 45.4	+23 56	162	IV 2p :b	20	7.1	
Sh2- 88	LBN 149	Brit Neb	VUL	-	-	18'	19 46.0	+25 20	162	E			Has two small brighter knots w in large faint neby
Sh2- 90	LBN 144	Brit Neb	VUL	-	-	5'	19 49.3	+26 51	162	E			
vdB 126	Ced 16	Brit Neb	VUL	-	-	7'	19 26.2	+22 45	161	R			
B127;129-30	LDN 544	Drk Neb	AQL	--	--	20'	19 01.6	-05 26	251	5 Ir			LDN 544;549;542; Curved;lying north of 12 Aql
B132;328	LDN 567	Drk Neb	AQL	--	--	16'	19 04.1	-04 28	251	6 Ir			40' north preceding Lamba AQL
B133	LDN 531	Drk Neb	AQL	--	--	10'	19 06.1	-06 50	296	6 Co G			Cometary; On Scutum star cloud
B134	LDN 543	Drk Neb	AQL	--	--	6'	19 06.9	-06 14	296	6 C G			1.4 deg south of Lamba Aql
B135-6	LDN 581	Drk Neb	AQL	--	--	50'	19 07.4	-03 55	251	6 Ir			Dusty spots; 1 deg north following Lamba Aql
B137-8	LDN 618;62	Drk Neb	AQL	--	--	180'	19 15.6	+00 13	251	3 Ir			Long;curved lane on Scutum star cloud
B139	LDN 619	Drk Neb	AQL	--	--	10'	19 18.1	-01 28	251	5 E G			At south tip of B137-8; magnitude 10 star on SE edge
B142-3	LDN 688;69	Drk Neb	AQL	--	--	80'	19 40.7	+10 57	207	6 Ir			Barnard's famous E; Narrow lanes
B334;336-7	LDN 701;702	Drk Neb	AQL	--	--	40'	19 36.8	+12 27	207	4 Ir			2 deg north preceding B142-3
B335	LDN 663	Drk Neb	AQL	--	--	4'	19 36.9	+07 34	207	6 E G			3.5 deg preceding and 1.2 deg south of Altair
LDN 582		Drk Neb	AQL	--	--	60'	18 52.6	-01 56	250	5 Ir			N of Scutum star cloud; elongated E and W.
LDN 617		Drk Neb	AQL	--	--	180'	18 57.5	+01 04	251	5 Ir			Irregular shape; elongated E and W
LDN 673		Drk Neb	AQL	--	--	55'	19 20.9	+11 16	206	6 Ir			8 degrees north preceding Altair;filamentary
LDN 684		Drk Neb	AQL	--	--	50'	19 21.8	+12 26	206	5 Ir			Lies north of dark neb LDN 673
B202	LDN 1451	Drk Neb	ARI	--	--	33'	03 25.6	+30 17	94	4 Ir			Elongated NW and SE
B203	LDN 1448	Drk Neb	ARI	--	--	10'	03 25.8	+30 47	94	4 Ir			Elongated E and W
B204	LDN 1455	Drk Neb	ARI	--	--	14'	03 28.5	+30 11	94	5 Ir			Irregular
B206	LDN 1450	Drk Neb	ARI	--	--	5'	03 29.1	+30 11	94	5 Ir			Very small area
B 26-8	LDN 1517	Drk Neb	AUR	--	--	20'	04 55.2	+30 35	96	6 Ir			Several small clouds adjacent to AB Aur
B 29	LDN 1523	Drk Neb	AUR	--	--	10'	05 06.2	+31 44	97	6 C			1.2 deg south and 2 deg following Z Aur
B 34		Drk Neb	AUR	--	--	20'	05 43.5	+32 39	98	4 C G			2 deg preceding cluster M 37
B 8;9;11;13	LDN 1392	Drk Neb	CAM	--	--	150'	04 19.0	+55 03	39	5 Ir			Grouping of LDN 1392;1395;1399;1402;
B 12	LDN 1407	Drk Neb	CAM	--	--	24'	04 30.0	+54 17	39	5 Ir			Lies south following B9 complex

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
Be 146		Drk Neb	CEN	--	--	20'	13 57.6	-40 00	403	5 Ir			Adjacent to bright nebula NGC 5367
B148-9	LDN 1076	Drk Neb	CEP	--	--	3'	20 49.1	+59 32	56	5 C			Two small clouds south of B150
B150	LDN 1082	Drk Neb	CEP	--	--	60'	20 50.6	+60 18	56	5 Ir			Curved filament 1.6 deg south of Eta Cep
B152		Drk Neb	CEP	--	--	15'	21 14.5	+61 45	33	5 Ir			Double cloud 1 deg south preceding Alpha Cep
B160	LDN 1088	Drk Neb	CEP	--	--	30'	21 38.0	+56 14	57	4 Ir			Lies south of BRTNB IC 1396
B161	LDN 1103	Drk Neb	CEP	--	--	13'	21 40.3	+57 49	57	6 Co G			In north part of BRTNB IC 1396
B162	LDN 1095	Drk Neb	CEP	--	--	13'	21 41.1	+56 19	57	4 Ir			Curved strip following B160
B163	LDN 1106	Drk Neb	CEP	--	--	4'	21 42.2	+56 42	57	4 Ir G			In a part of bright nebula IC 1396
B169-71	LDN 1151;1	Drk Neb	CEP	--	--	80'	21 58.9	+58 45	57	5 Ir			Narrow curved lanes 3 deg north following IC 1396
B173-4	LDN 1166;1	Drk Neb	CEP	--	--	40'	22 07.4	+59 10	57	6 Ir			Patchy lane north following B169
B365	LDN 1090	Drk Neb	CEP	--	--	22'	21 34.9	+56 43	57	4 S			Lies south preceding bright nebula IC 1396
B367	LDN 1113	Drk Neb	CEP	--	--	3'	21 44.4	+57 12	57	5 Ir G			In preceding part of bright nebula IC 1396
Be 157		Drk Neb	CRA	--	--	110'	19 02.9	-37 08	379	6 Ir			Lies south following bright nebulae NGC 6726-7
B144	LDN 857	Drk Neb	CYG	--	--	30'	19 59.0	+35 00	119	1 Ir			Fish on the platter ;preceding cluster NGC 6883
B145	LDN 865	Drk Neb	CYG	--	--	35'	20 02.8	+37 40	119	4 G			Triangular;north of B144
B146	LDN 860	Drk Neb	CYG	--	--	1'	20 03.5	+36 02	119	6 Ir			Very small; In B144 adjacent to BD +35 3930
B157	LDN 1075	Drk Neb	CYG	--	--	4'	21 33.7	+54 40	57	4 C G			8' preceding 8th-mag. star BD +54 2576
B164	LDN 1070	Drk Neb	CYG	--	--	12'	21 46.5	+51 04	57	5 K G			0.8 deg following Pi 1 Cyg
B168	LDN 1055	Drk Neb	CYG	--	--	100'	21 53.2	+47 12	86	5 Ir			Narrow E-W lane; Cocoon nebula at f end
B343	LDN 880	Drk Neb	CYG	--	--	10'	20 13.5	+40 16	84	5 Ir G			1.7 deg preceding Gamma Cyg
B346	LDN 906	Drk Neb	CYG	--	--	10'	20 26.7	+43 45	85	6 K			In patchy area 2.8 deg preced and 1.5 deg S of Deneb
B347	LDN 889	Drk Neb	CYG	--	--	10'	20 28.4	+39 55	85	5 Ir			Narrow streak 1.2 deg foll and 20' south of Gam Cyg
B348	LDN 906	Drk Neb	CYG	--	--	240'	20 36.8	+42 01	86	3 Ir			Northern Coalsack ; dark nebula north of Deneb
B350		Drk Neb	CYG	--	--	3'	20 49.1	+45 53	85	6 C			14' south of Cyg
B352		Drk Neb	CYG	--	--	20'	20 57.1	+45 22	85	5 Ir			Lies north of North America nebula
B361	LDN 970	Drk Neb	CYG	--	--	17'	21 12.9	+47 22	86	4 C G			Has faint preceding extension
B362	LDN 1017	Drk Neb	CYG	--	--	15'	21 24.0	+50 10	56	5 E G			Adjacent to 9th mag star
B364	LDN 1074	Drk Neb	CYG	--	--	40'	21 33.6	+54 33	57	5 Ir			Narrow lanes of B157
LDN 889		Drk Neb	CYG	--	--	90'	20 24.8	+40 10	85	4 Ir			Wide lane in IC 1318 following Gamma Cyg
LDN 896		Drk Neb	CYG	--	--		20 40.0	+42 00	85	3 Ir			Northern Coalsack area ; betw. IC5068 and B348
LDN 935		Drk Neb	CYG	--	--	150'	20 56.8	+43 52	85	4 Ir			Wide lane between North America & Pelican neb
Le Gentil 3	N. Coal Sack	Drk Neb	CYG	--	--	720'	21 00.0	+51 00	85				Funnel Cloud nebula ; Very large
LDN 134		Drk Neb	LIB	--	--	22'	15 53.6	-04 39	245	5 E G			Not listed in U2000 second edition
B228		Drk Neb	LUP	--	--	240'	15 45.5	-34 24	374	6 Ir			Contains small bright reflection nebula
B 37-9	LDN 1605;1	Drk Neb	MON	--	--	180'	06 32.8	+10 38	182	5 Ir			Near bright nebulae NGC 2245;47
B 42	LDN 1696	Drk Neb	OPH	--	--	20'	16 25.5	-23 26	336	6 Ir			Great Nebula of Rho OPH
B 43	LDN 1752	Drk Neb	OPH	--	--	120'	16 30.3	-19 47	336	4 Ir			Large dark region; bulbous with two lobes
B 44	LDN 1712	Drk Neb	OPH	--	--	280'	16 40.5	-24 04	336	5 Ir			Dark lane E from Rho OPH region
B 45	LDN 1744	Drk Neb	OPH	--	--	120'	16 46.5	-21 36	337	5 Ir			Rather definite; 2 degrees long
B 46	LDN 1775	Drk Neb	OPH	--	--	12'	16 57.2	-22 44	337	6 Ir G			30' north of 24 Oph; String of small stars in middle
B 47	LDN 1792	Drk Neb	OPH	--	--	15'	16 59.7	-22 39	337	5 Ir			Connected with B51 by two sharp lanes
B 51	LDN 0015	Drk Neb	OPH	--	--	20'	17 04.8	-22 16	337	6 Ir			Definite
B 57	LDN 11	Drk Neb	OPH	--	--	5'	17 08.3	-23 40	337	6 E G			In patchy region following B44
B 59	LDN 1746	Drk Neb	OPH	--	--	60'	17 11.4	-27 30	338	5 Ir			Sink hole; broken lane from B 78
B 60;246	LDN 17	Drk Neb	OPH	--	--	30'	17 11.8	-22 27	337	3 Ir			In patchy region following B44
B 61	LDN 0111	Drk Neb	OPH	--	--	10'	17 15.2	-20 29	337	6 Ir			1 deg south preceding B63
B 62	LDN 100	Drk Neb	OPH	--	--	19'	17 16.2	-20 53	337	6 Ir			30' south preceding B63
B 63	LDN 99	Drk Neb	OPH	--	--	100'	17 16.5	-21 29	337	3 Ir G			3 deg north-north foll Theta Oph;w a globule at end
B 64	LDN 173	Drk Neb	OPH	--	--	20'	17 17.2	-18 29	337	6 Co			Cometary; 30' preceding globular cluster M9
B 65-67	LDN 1772-3;	Drk Neb	OPH	--	--	12'	17 19.6	-26 42	338	6 Ir			Pipe nebula (stem); 2 deg south of Theta Oph;
B 67a	LDN 102	Drk Neb	OPH	--	--	13'	17 22.5	-21 53	338	6 Ir G			3 deg north of Theta Oph
B 68	LDN 57	Drk Neb	OPH	--	--	4'	17 22.6	-23 47	338	6 K G			20' southwest preceding B72
B 69	LDN 55	Drk Neb	OPH	--	--	4'	17 22.9	-23 55	338	6 Ir			15' south following B68
B 70	LDN 54	Drk Neb	OPH	--	--	4'	17 23.5	-24 02	338	4 C?			20' south following B68
B 72	LDN 66	Drk Neb	OPH	--	--	4'	17 23.5	-23 38	338	6 S G			The Snake;1.5 deg nnf Theta Oph
B 74	LDN 081	Drk Neb	OPH	--	--	15'	17 25.2	-24 12	338	5 Ir			15' preceding 44 Oph
B 75;261-2	LDN 0112;85	Drk Neb	OPH	--	--	110'	17 25.3	-22 28	338	5 Ir			Two arcs 1 deg north following B72
B 77;269	LDN 69	Drk Neb	OPH	--	--	100'	17 28.0	-23 22	338	3 Ir			Faint extension of bowl of Pipe nebula
B 78	LDN 42	Drk Neb	OPH	--	--	200'	17 33.0	-25 36	338	5 Ir			2.5 deg south ;Bowl of Pipe nebula
B 79;276	LDN 216; 21	Drk Neb	OPH	--	--	50'	17 39.5	-19 47	338	6 Ir			B79 is narrow;straight north preceding extension
B244	LDN 1736	Drk Neb	OPH	--	--	20'	17 10.1	-28 24	376	5 Ir			Lies south of tip of Pipe nebula
B256	LDN 1749	Drk Neb	OPH	--	--	50'	17 22.3	-28 51	376	5 Ir			1.5 deg south of stem of Pipe nebula ;Curved
B259	LDN 177	Drk Neb	OPH	--	--	30'	17 22.0	-19 19	338	4 Ir			50' south following globular cluster M9
B268;270	LDN 178;18	Drk Neb	OPH	--	--	120'	17 32.0	-20 32	338	5 Ir			Irregular dark shape; round in NE part of B268
B 30	LDN 1577	Drk Neb	ORI	--	--	67'	05 30.2	+12 46	180	5 Ir			Large dark area with few stars

NAME	OTHER	TYPE	CON	MAG	S.B.	SIZE	RA	DEC	U2K	Class	ns	bs	SAC NOTES
B 31-2	LDN 1582;15	Drk Neb	ORI	--	--	80'	05 29.8	+12 46	180	5 Ir			3 deg north preceding Lamba Ori
B 33	LDN 1630	Drk Neb	ORI	--	--	6'	05 40.9	-02 28	226	4 Ir			Horsehead nebula ;part of dark following cloud
B 35	LDN 1594	Drk Neb	ORI	--	--	20'	05 45.5	+09 03	181	5 E			Near FU ORI and bright nebula Ced 59
B 36	LDN 1599	Drk Neb	ORI	--	--	120'	05 45.7	+07 31	181	4 Ir			Narrow south preceding-north following lane
B225	LDN 1583	Drk Neb	ORI	--	--	35'	05 29.0	+11 36	180	5 Ir			South end of extension running S from B30
LDN 1616		Drk Neb	ORI	--	--	10'	05 06.5	-03 26	225	5 Ir			Near bright nebula NGC 1788
LDN 1622		Drk Neb	ORI	--	--	15'	05 54.6	+02 00	226	6 Ir G			Near reflection nebula vdB 62
LDN 1641		Drk Neb	ORI	--	--	300'	05 33.0	-06 00	270	5 Ir			Orion nebula region
B 1	LDN 1472	Drk Neb	PER	--	--	30'	03 32.9	+31 10	94	5 Ir			Patchy region preceding NGC 1333; elongated EW
B 2	LDN 1472	Drk Neb	PER	--	--	20'	03 33.5	+32 19	94	4 Ir			Indefinite; elongated SE and NW
B 3	LDN 1470	Drk Neb	PER	--	--	20'	03 40.0	+31 59	95	5 Ir			Lies south preceding O Per; dark space in neb; large
B 4	LDN 1470	Drk Neb	PER	--	--	30'	03 44.0	+31 48	95	5 Ir			Very large; indefinite
B 5	LDN 1471	Drk Neb	PER	--	--	60'	03 48.0	+32 53	95	5 E G			1 deg north following O Per
B205	LDN 1450	Drk Neb	PER	--	--	15'	03 28.0	+31 06	94	5 Ir			Two dark strips; N and S. Near NGC1333
Be 135		Drk Neb	PUP	--	--	13'	07 19.0	-44 35	395	6 E			Contains small reflection nebula
B 40	LDN 1721	Drk Neb	SCO	--	--	15'	16 14.7	-18 58	335	3 E			Diffused dark spot; small star in it;
B 41	LDN 1717	Drk Neb	SCO	--	--	40'	16 22.3	-19 38	336	3 E			Diffused dark spot near Psi SCO.
B 44a	SL 18	Drk Neb	SCO	--	--	5'	16 44.8	-40 23	407	5 Ir			2.4 degrees preceding bright nebula IC 4628
B 48	SL 20	Drk Neb	SCO	--	--	40'	17 01.0	-40 47	407	5 Ir			1 deg south following bright nebula IC 4628
B 50	SL 30	Drk Neb	SCO	--	--	15'	17 03.0	-34 24	376	6 Ir			30' south preceding star CoD -33 degrees 11706
B 53	SL 32	Drk Neb	SCO	--	--	30'	17 06.1	-33 15	376	4 Ir			Curved
B 55	LDN 1682	Drk Neb	SCO	--	--	16'	17 07.5	-32 00	337	5 Ir			Irregular
B 56	LDN 1685	Drk Neb	SCO	--	--	3'	17 08.7	-32 06	376	5 IR			Small
B 58	SL 23	Drk Neb	SCO	--	--	30'	17 11.2	-40 25	407	6 Ir			2.7 deg following bright nebula IC 4628; darker core
B231	SL 24	Drk Neb	SCO	--	--	50'	16 37.5	-35 12	375	6 Ir			Dusky
B233	SL 25	Drk Neb	SCO	--	--	55'	16 44.1	-35 21	375	5 Ir			1 deg following B231
B235	SL 15	Drk Neb	SCO	--	--	7'	16 46.6	-44 30	407	6 E			Elongated NE and SW;Darkest at SW end
B252	LDN 1698	Drk Neb	SCO	--	--	20'	17 15.2	-32 13	376	5 Ir			Triangular; eastern side diffuse
B257		Drk Neb	SCO	--	--	10'	17 22.0	-35 35	376	5 Ir			Faint reflection nebula at edge
B263	SL 22	Drk Neb	SCO	--	--	30'	17 26.3	-42 38	408	5 Ir			Very slightly elongated
B283		Drk Neb	SCO	--	--	90'	17 51.3	-33 53	377	5 Ir			1 deg north-north preceding cluster M7
B287		Drk Neb	SCO	--	--	25'	17 54.4	-35 12	377	5 Ir			30' south-south following cluster M7
Be 149		Drk Neb	SCO	--	--	60'	16 09.4	-39 08	406	6 Ir			Contains faint reflection nebula
LDN 1710		Drk Neb	SCO	--	--	60'	17 20.7	-31 57	376	5 Ir			1 degree following B252
B 95	LDN 406	Drk Neb	SCT	--	--	30'	18 25.6	-11 45	295	5 C G			2.6 deg north following bright nebula M16
B 97	LDN 435	Drk Neb	SCT	--	--	50'	18 26.4	-10 18	295	4 Ir			1 deg north preceding cluster NGC 6649
B100-1	LDN 443	Drk Neb	SCT	--	--	40'	18 32.7	-09 08	295	5 Ir g			1.4 deg north of cluster NGC 6649 and curved
B103	LDN 497	Drk Neb	SCT	--	--	4'	18 39.2	-06 40	295	6 Ir			On north preceding side of Scutum star cloud
B104	LDN 532	Drk Neb	SCT	--	--	16'	18 47.3	-04 32	250	5 Co			Carot shaped; 20' north of Beta Sct;L-shaped
B108	LDN 534	Drk Neb	SCT	--	--	3'	18 49.6	-06 19	295	3 Ir			Not black; very small; 0.5 deg preceding cluster M11
B110	LDN 530	Drk Neb	SCT	--	--	9'	18 50.2	-04 46	250	6 Ir G			Part of B111
B111;119a	LDN 534	Drk Neb	SCT	--	--	120'	18 51.0	-05 00	250	3 Ir			Two crescent-shaped areas north of M11
B112		Drk Neb	SCT	--	--	20'	18 51.2	-06 40	295	4 Ir			Lies south of M11
B113	LDN 548	Drk Neb	SCT	--	--	11'	18 51.4	-04 19	250	5 Ir G			Part of B111
B114-7	LDN 514	Drk Neb	SCT	--	--	50'	18 53.2	-07 06	295	6 Ir			LDN 514;518;512;509; Chain of dark neb near m11
B118	LDN 509	Drk Neb	SCT	--	--	2'	18 53.9	-07 27	295	6 C G			Blacker than B 117; Definite; Member of group
B312	LDN 379	Drk Neb	SCT	--	--	100'	18 30.9	-15 08	295	4 E			following Omega nebula w sharp n boundary
B314	LDN 445	Drk Neb	SCT	--	--	35'	18 37.7	-09 37	295	5 Ir			1 degree north following cluster NGC 6649
B318		Drk Neb	SCT	--	--	90'	18 49.7	-06 24	295	2 Ir			Narrow preceding-following lane just south of M11
LDN 557		Drk Neb	SER	--	--	60'	18 38.6	-01 47	250	6 Ir			Irregular shape; N of Scutum star cloud
LDN 564		Drk Neb	SER	--	--	45'	18 37.6	-01 12	250	5 Ir			Not listed in U2000 second edition
B 83a	LDN 233	Drk Neb	SGR	--	--	4'	17 45.3	-20 00	338	6 E? G			On star cloud 1.7 deg north and 30'
B 84	LDN 235	Drk Neb	SGR	--	--	30'	17 46.5	-20 11	338	6 Ir			Looped figure; 1.5 deg north;40' following 58 Oph
B 84a	LDN 302	Drk Neb	SGR	--	--	16'	17 57.5	-17 40	339	5 C			Round; 1.5 deg north of cluster M23 ;w faint ext to S
B 85		Drk Neb	SGR	--	--		18 02.6	-23 02	339				Dark regions in Trifid nebula ; M 20
B 86	LDN 93	Drk Neb	SGR	--	--	4'	18 02.7	-27 50	339	5 Ir G			Ink Spot Neb ,On Sgr star cloud preceding 6520;
B 87	LDN 1771	Drk Neb	SGR	--	--	12'	18 04.3	-32 30	377	4 C G			Parrot's Head ;4.5 deg south of cluster NGC 6520
B 88-9;286		Drk Neb	SGR	--	--	2'	18 03.8	-24 23	339				Dark regions in Lagoon nebula
B 90	LDN 227	Drk Neb	SGR	--	--	3'	18 10.2	-28 19	377	5 Ir G			1.5 deg following;20' south of cluster NGC 6520
B 91		Drk Neb	SGR	--	--	5'	18 10.0	-23 39	339	5 K			Adjacent to bright nebulae IC 1274-5
B 92	LDN 323	Drk Neb	SGR	--	--	15'	18 15.5	-18 14	339	6 E G			Black spot ; On edge of Small Sag Star Cloud
B 93	LDN 327	Drk Neb	SGR	--	--	12'	18 16.9	-18 04	339	4 Co G			Cometary; 30' following B92
B303	LDN 210	Drk Neb	SGR	--	--	1'	18 09.2	-24 07	339	5 S			In bright nebula IC 4685
B 7	LDN 1495	Drk Neb	TAU	--	--	600'	04 17.5	+28 34	134	6 Ir			Narrow lanes E-W;Area contains B22-24 and B208-220

data courtesy: Saguaro astronomy club.

Michael Vlasov 2008