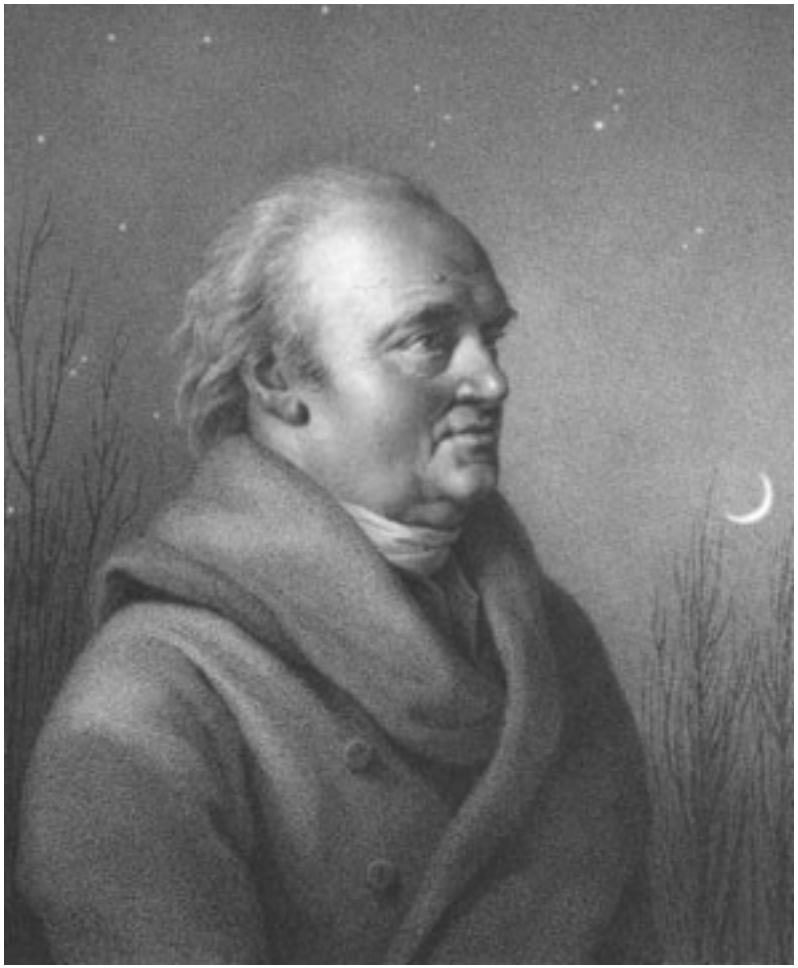
Lista di Herschel II



Oltre i 400

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Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
13	NGC 40	PK 120+9.1	PLNNB	CEP	00 13.0	+72 31	10,7	7,3	60 s	40 s	3b(3)	F,vS,R,vsmbM,L*cont f
37	NGC 129	OCL 294	OPNCL	CAS	00 30.0	+60 13	6,5	99,9	21.0 m		IV 2 p	Cl,vL,pRi,lC,st 9...13
37	NGC 136	OCL 295	OPNCL	CAS	00 31.5	+61 31	11.5p	99,9	1.2 m		II 2 p	vF,S,eC
85	NGC 157	MCG - 2- 2- 56	GALXY	CET	00 34.8	-08 24	10,4	12,9	4.1 m	2.7 m	SBbc	pB,L,E,bet 2 cB st
37	NGC 185	UGC 396	GALXY	CAS	00 39.0	+48 20	9,2	14,3	12.5 m	10.4 m	dE0	pB,vL,iR,vgmbM,r
37	NGC 205	M 110	GALXY	AND	00 40.4	+41 41	8,1	14	19.5 m	11.5 m	E6	vB,vL,mE 165 degrees,vgvmbM
37	NGC 225	OCL 305	OPNCL	CAS	00 43.6	+61 46	7	99,9	12.0 m		III 1 p n	Cl,L,lC,st 9...10
85	NGC 246	PK 118-74.1	PLNNB	CET	00 47.1	-11 52	8,5	13,5	240 s	210 s	3b	
109	NGC 247	ESO 540-22	GALXY	CET	00 47.1	-20 46	9,1	14,4	21 m	5.6 m	SBcd	F,eL,vmE 172 degrees
109	NGC 253	ESO 474-29	GALXY	SCL	00 47.6	-25 18	7,2	12,7	26.4 m	6 m	SBc	!!vvB,vvL,vmE 54 degrees,gbM
37	NGC 278	UGC 528	GALXY	CAS	00 52.1	+47 33	10,8	12,2	2.4 m	2.4 m	SBb	cB,pL,R,2 st 10 nr
109	NGC 288	ESO 474-SC37	GLOCL	SCL	00 52.8	-26 35	8,1	99,9	13.8 m		X	B,L,lE,st 12...16
36	NGC 381	OCL 317	OPNCL	CAS	01 08.4	+61 35	9,3	99,9	6.0 m		III 2 p	Cl,pC
60	NGC 404	UGC 718	GALXY	AND	01 09.4	+35 43	10,3	12,8	4.3 m	3.9 m	E0	pB,cL,R,gbM
36	NGC 436	OCL 320	OPNCL	CAS	01 16.0	+58 49	8,8	99,9	6.0 m		I 3 m	Cl,S,iF,pC
36	NGC 457	OCL 321	OPNCL	CAS	01 19.5	+58 17	6,4	99,9	13.0 m		I 3 r	Cl,B,L,pRi,*7,8,10
84	NGC 488	UGC 907	GALXY	PSC	01 21.8	+05 15	10,3	13,4	5.4 m	3.9 m	Sb Ring	pB,L,R,svmbM,*8F10'
84	NGC 524	UGC 968	GALXY	PSC	01 24.8	+09 32	10,3	12,3	3.2 m	3.2 m	Sa	vB,pL,mbM,4S* nr
13	NGC 559	OCL 322	OPNCL	CAS	01 29.5	+63 19	9,5	99,9	4.4 m		II 2 m	Cl,B,pL,pRi
84	NGC 584	IC 1712;H I 100	GALXY	CET	01 31.3	-06 52	10,5	12,9	3.3 m	1.9 m	E4	vB,pL,R,mbM,p of 2
84	NGC 596	MCG - 1- 5- 5	GALXY	CET	01 32.9	-07 02	10,9	13	2.8 m	2.1 m	E2	pB,R,bM,r,*6f12'
60	NGC 598	M 33	GALXY	TRI	01 33.9	+30 39	5,7	14,2	68.7 m	41.6 m	Sc	eB,eL,R,vgbMN
108	NGC 613	ESO 413-11	GALXY	SCL	01 34.3	-29 25	10,1	13,3	5.2 m	4.3 m	SBbc	vB,vL,vmE118,sbM,* nf
84	NGC 615	MCG - 1- 5- 8	GALXY	CET	01 35.1	-07 20	11,6	13,3	3.4 m	1.4 m	Sb	pB,pL,ilE,gbM,*8 np 10
13	NGC 637	OCL 329	OPNCL	CAS	01 43.1	+64 02	8,2	99,9	3.5 m		I 3 p	Cl,pS,B & vF stars

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Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
36	NGC 651	M 76	PLNNB	PER	01 42.3	+51 35	11	10,4	163 s	107 s	3(6)	vB,f of Dneb
36	NGC 654	OCL 330	OPNCL	CAS	01 44.0	+61 53	6,5	99,9	5.0 m		II 3 m	Cl,iF,Ri,1*6.7m
36	NGC 659	OCL 332	OPNCL	CAS	01 44.4	+60 40	7,9	99,9	5.0 m		III 1 p	Cl,lRi,st B
36	NGC 663	OCL 333	OPNCL	CAS	01 46.0	+61 15	7,1	99,9	16 m		III 2 m	Cl,B,L,eRi,st pL
108	NGC 720	MCG - 2- 5- 68	GALXY	CET	01 53.0	-13 44	10,2	12,8	4.4 m	2.2 m	E4	cB,pL,lE,psmbM
36	NGC 752	OCL 363	OPNCL	AND	01 57.7	+37 40	5,7	99,9	50 m		III 1 m	Cl,vvL,Ri,*L & S,C
60	NGC 772	UGC 1466	GALXY	ARI	01 59.3	+19 00	10,3	13,9	7.5 m	4.3 m	Sb	B,cL,R,gbM,r
84	NGC 779	MCG - 1- 6- 16	GALXY	CET	01 59.7	-05 58	11,2	12,7	4.1 m	1.2 m	SBb	cB,L,mE162,mbM
35	NGC 869	OCL 350	OPNCL	PER	02 19.1	+57 08	5,3	99,9	30 m		I 3 r	Cl,vvL,vRi,*7...14
35	NGC 884	OCL 353	OPNCL	PER	02 22.5	+57 09	6,1	99,9	30 m		I 3 r	Cl,vL,vRi,ruby*M
35	NGC 891	UGC 1831	GALXY	AND	02 22.6	+42 21	9,9	13,6	13.1 m	2.8 m	Sb	B,vL,vmE22
107	NGC 908	ESO 545-11	GALXY	CET	02 23.1	-21 14	10,2	13	6.1 m	2.7 m	SBc	cB,vL,E
83	NGC 936	UGC 1929	GALXY	CET	02 27.6	-01 09	10,1	13,2	4.3 m	3.8 m	SBO-a	vB,vL,R,mbMN,p of 2
83	NGC 1022	MCG - 1- 7- 25	GALXY	CET	02 38.5	-06 41	11,3	12,9	2.6 m	2.5 m	SBa	cB,pL,R,mbM,*11 nf 2'
35	NGC 1023	UGC 2154	GALXY	PER	02 40.4	+39 04	9,4	12,8	8.1 m	3.4 m	E7p	vB,vL,vmE,vvmbM
35	NGC 1027	OCL 357	OPNCL	CAS	02 42.6	+61 36	6,7	99,9	20.0 m		III 2 p n	Cl,L,scatt stars, one 10th mag
83	NGC 1052	MCG - 1- 7- 34	GALXY	CET	02 41.1	-08 15	10,5	12,5	2.8 m	2 m	Elliptical	B,pL,R,mbM*12
83	NGC 1055	UGC 2173	GALXY	CET	02 41.8	+00 27	10,6	13,7	7.6 m	3 m	SBb	pF,cL,lE80,bM,*11n1'
83	NGC 1084	MCG - 1- 8- 7	GALXY	ERI	02 46.0	-07 35	10,7	12,5	3.5 m	2.1 m	Sc	vB,pL,E,gpmbM
34	NGC 1245	OCL 389	OPNCL	PER	03 14.7	+47 14	8,4	99,9	10 m		III 1 r	Cl,pL,Ri,C,iR,*12..15
34	NGC 1342	OCL 401	OPNCL	PER	03 31.7	+37 22	6,7	99,9	14.0 m		III 3 p	Cl,vL,ab60*
106	NGC 1407	ESO 548-67	GALXY	ERI	03 40.2	-18 35	9,7	12,9	4.9 m	4.5 m	EO	vB,L,R,svmbMN
34	NGC 1444	OCL 394	OPNCL	PER	03 49.4	+52 40	6,6	99,9	4.0 m		IV 1 p	Cl of ab 30*12...14
33	NGC 1501	PK 144+6.1	PLNNB	CAM	04 07.0	+60 55	12	11,6	56 s	48 s	3	pB,pS,vlE,1'Diam
11	NGC 1502	OCL 383	OPNCL	CAM	04 07.8	+62 20	6,9	99,9	8 m		II 3 p	Cl,pRi,cC,iF

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Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
33	NGC 1513	OCL 398	OPNCL	PER	04 09.9	+49 31	8,4	99,9	9.0 m		II 1 m	Cl,L,vRi,pC,st vL
33	NGC 1528	OCL 397	OPNCL	PER	04 15.3	+51 13	6,4	99,9	24.0 m		II 2 m	Cl,B,vRi,cC
105	NGC 1535	PK 206-40.1	PLNNB	ERI	04 14.3	-12 44	10,4	7,2	20 s	17 s	4(2c)	vB,S,R,pS,vsbM,r
33	NGC 1545	OCL 399	OPNCL	PER	04 20.9	+50 15	6,2	99,9	18.0 m		II 2 p	Cl,pRi,lC,st L
57	NGC 1647	OCL 457	OPNCL	TAU	04 45.9	+19 06	6,4	99,9	45 m		II 2 m	Cl,vL,st L,sC
33	NGC 1664	OCL 411	OPNCL	AUR	04 51.1	+43 41	7,6	99,9	18 m		III 1 p	Cl,lRi,lC,pL
80	NGC 1788	LBN 916	BRTNB	ORI	05 06.9	-03 20	99,9	99,9	2 m	2 m	R	B,cL,R,bM,***;* 10 inv in the neby
56	NGC 1817	OCL 463	OPNCL	TAU	05 12.4	+16 41	7,7	99,9	16 m		III 1 m	Cl,L,Ri,lC,st11...14
32	NGC 1857	OCL 428	OPNCL	AUR	05 20.1	+39 21	7	99,9	6 m		II 2 m	Cl,pRi,pC,st7...
56	NGC 1907	OCL 434	OPNCL	AUR	05 28.1	+35 20	8,2	99,9	7.0 m		II 1 m n	Cl,pRi,pC,R,st9...12
56	NGC 1931	OCL 441	CL+NB	AUR	05 31.4	+34 15	10,1	99,9	3 m	3 m	I 3 p n:b	vB,L,R,B***in M
11	NGC 1961	IC 2133	GALXY	CAM	05 42.1	+69 23	11	13,7	4.5 m	3.1 m	SBbc	cF,pL,iF,mbM,er,* inv
104	NGC 1964	ESO 554-10	GALXY	LEP	05 33.4	-21 57	10,8	13,4	5.5 m	2.1 m	SBb	F,L,R,vsvmbM,*12,3 st inv
80	NGC 1980	OCL 529	CL+NB	ORI	05 35.4	-05 55	2,5	99,9	14 m	14 m	III 3 m n:	vF,vvL,44 Ori invl
80	NGC 1999	LBN 979	BRTNB	ORI	05 36.4	-06 43	99,9	99,9	2 m	2 m	E+R	*10,11 inv in neb
80	NGC 2022	PK 196-10.1	PLNNB	ORI	05 42.1	+09 05	12,8	9,2	28 s	27 s	4(2)	pB,vS,vlE
80	NGC 2024	CED 55P	BRTNB	ORI	05 41.7	-01 51	99,9	99,9	30 m	30 m	E	! irr,B,vvL,black sp incl
31	NGC 2126	OCL 418	OPNCL	AUR	06 02.5	+49 52	10,2	99,9	6.0 m		II 1 p	Cl,not Ri,*7 north
55	NGC 2129	OCL 467	OPNCL	GEM	06 00.7	+23 19	6,7	99,9	7.0 m		III 3 p	Cl,pL,40 or 50* 8...15
55	NGC 2158	OCL 468	OPNCL	GEM	06 07.4	+24 06	8,6	99,9	5.0 m		II 3 r	Cl,pS,mC,vRi,irr triangle * eS
55	NGC 2169	OCL 481	OPNCL	ORI	06 08.4	+13 58	5,9	99,9	7.0 m		I 3 p n	Cl,S,lRi,pmC,** (ADS 4728)
79	NGC 2185	LBN 997	BRTNB	MON	06 11.0	-06 14	99,9	99,9	2 m	2 m	R	*11 and 4 S* in vF,L neb
79	NGC 2186	OCL 498	OPNCL	ORI	06 12.1	+05 28	8,7	99,9	4.0 m		II 2 p	Cl,pL,pRi,pC,st L and S
55	NGC 2194	OCL 495	OPNCL	ORI	06 13.8	+12 48	8,5	99,9	10.0 m		III 1 r	Cl,L,Ri,gvmCM
103	NGC 2204	OCL 572	OPNCL	CMA	06 15.5	-18 40	8,6	99,9	13.0 m		III 3 m	Cl,L,pRi,lC

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Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
79	NGC 2215	OCL 550	OPNCL	MON	06 20.8	-07 17	8,4	99,9	11.0 m		II 2 p	Cl,cL,pRi,pC,st11.15
79	NGC 2232	OCL 545	OPNCL	MON	06 28.0	-04 51	3,9	99,9	30 m		IV 3 p	B* (10 MON) + Cl
79	NGC 2244	NGC 2239	CL+NB	MON	06 31.9	+04 57	4,8	99,9	24.0 m		II 3 r n:b	Cl,beautiful,st sc (12 MON)
79	NGC 2251	OCL 499	OPNCL	MON	06 34.6	+08 22	7,3	99,9	10.0 m		IV 2 p	Cl,vL,E,Ri,IC
79	NGC 2264	OCL 495	CL+NB	MON	06 41.0	+09 54	3,9	99,9	20.0 m		III 3 m n:	eL neb,3 deg diam,densest 12' sp 15 MON
55	NGC 2266	OCL 471	OPNCL	GEM	06 43.3	+26 58	9,5	99,9	7.0 m		II 2 m	Cl,pS,eC,Ri,st 11..15
31	NGC 2281	OCL 446	OPNCL	AUR	06 48.3	+41 05	5,4	99,9	15.0 m		I 3 p	Cl,pRi,vlC,st pL
79	NGC 2286	OCL 548	OPNCL	MON	06 47.7	-03 09	7,5	99,9	15.0 m		IV 3 m	Cl,L,C,ab 100* 9...15
79	NGC 2301	OCL 540	OPNCL	MON	06 51.8	+00 28	6	99,9	12.0 m		I 3 m	Cl,Ri,L,iF,st L & S
55	NGC 2304	OCL 484	OPNCL	GEM	06 55.2	+17 59	10	99,9	5.0 m		II 1 p	Cl,pL,Ri,mC,st vS
79	NGC 2311	OCL 553	OPNCL	MON	06 57.8	-04 37	9,6	99,9	7.0 m		III 2 p	Cl,IC,not Ri
78	NGC 2324	OCL 542	OPNCL	MON	07 04.1	+01 03	8,4	99,9	8.0 m		II 2 r	Cl,L,Ri,cC,st 12...16
78	NGC 2335	OCL 562	OPNCL	MON	07 06.8	-10 02	7,2	99,9	12.0 m		III 3 m n	Cl,L,IC
78	NGC 2343	OCL 565	OPNCL	MON	07 08.1	-10 37	6,7	99,9	7.0 m		III 3 p n	Cl,cL,P,IC
78	NGC 2353	OCL 567	OPNCL	MON	07 14.5	-10 16	7,1	99,9	20.0 m		II 2 p	Cl,L,IC,one vB*
102	NGC 2354	OCL 639	OPNCL	CMA	07 14.3	-25 42	6,5	99,9	20.0 m		III 2 m	Cl,cRi,IC
54	NGC 2355	NGC 2356	OPNCL	GEM	07 17.0	+13 45	9,7	99,9	9.0 m		II 2 p	Cl,pS,pRi,mC,*15..16
102	NGC 2360	OCL 589	OPNCL	CMA	07 17.7	-15 38	7,2	99,9	13.0 m		II 2 m	Cl,vL,Ri,pC,st9...12
102	NGC 2362	OCL 633	OPNCL	CMA	07 18.7	-24 57	4,1	99,9	8.0 m		I 3 p n	Cl,pL,Ri,(30 CMA)
54	NGC 2371	NGC 2372	PLNNB	GEM	07 25.6	+29 29	13	10,5	74 s	54 s	3a+6	B,S,R,bMN,p of Dneb
54	NGC 2372	NGC 2371	PLNNB	GEM	07 25.6	+29 30	13	99,9	74 s	54 s	3a(4)	pB,S,R,bMN,f of Dneb
54	NGC 2392	PK 197+17.1	PLNNB	GEM	07 29.2	+20 55	8,6	6,8	47 s	43 s	3b(3b)	B,S,R,*9M,*8 nf 100"
54	NGC 2395	OCL 502	OPNCL	GEM	07 27.2	+13 37	8	99,9	12.0 m		III 1 p	Cl,pRi,C
10	NGC 2403	UGC 3918	GALXY	CAM	07 36.8	+65 36	8,5	14,4	23.4 m	11.8 m	SBc	!! cB,eL,vmE,vgmbMN
30	NGC 2419	GCL 12	GLOCL	LYN	07 38.1	+38 53	10,4	99,9	6.2 m		II	pB,pL,lE 90deg,vgbM,*7-8 267deg,4' dist

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
54	NGC 2420	OCL 488	OPNCL	GEM	07 38.4	+21 34	8,3	99,9	10.0 m		I 2 r	Cl,cL,Ri,C,st 11...18
102	NGC 2421	OCL 626	OPNCL	PUP	07 36.2	-20 37	8,3	99,9	10.0 m		I 2 m	Cl,L,cRi,*11...13
102	NGC 2422	M 47	OPNCL	PUP	07 36.6	-14 29	4,4	11	30 m		III 2 m	Cl,B,vL,pRi,st L & S
102	NGC 2423	OCL 592	OPNCL	PUP	07 37.1	-13 52	6,7	99,9	19.0 m		IV 2 m	Cl,vL,Ri,pC,st vS
102	NGC 2438	PK 231+4.2	PLNNB	PUP	07 41.8	-14 44	11	11,7	65 s		4(2)	pB,pS,vlE,r,3s.75 d
102	NGC 2440	PK 234+2.1	PLNNB	PUP	07 41.9	-18 13	11,5	6,4	54 s	20 s	5(3)	cB,not v well def
102	NGC 2479	OCL 623	OPNCL	PUP	07 55.1	-17 42	9,6	99,9	7.0 m		III 1 m	Cl,pL,pRi,pC,st S
102	NGC 2482	OCL 653	OPNCL	PUP	07 55.2	-24 15	7,3	99,9	12.0 m		III 1 m	Cl,L,cRi,vlC
102	NGC 2489	OCL 690	OPNCL	PUP	07 56.3	-30 04	7,9	99,9	8.0 m		II 2 m	Cl,pL,cRi,pC,* 11..13
77	NGC 2506	OCL 593	OPNCL	MON	08 00.0	-10 46	7,6	99,9	7.0 m		I 2 r	Cl,pL,vRi,C,*11...20
101	NGC 2509	OCL 630	OPNCL	PUP	08 00.8	-19 03	9,3	99,9	8.0 m		II 1 p	Cl,B,pRi,lC,st S
101	NGC 2527	NGC 2520	OPNCL	PUP	08 05.0	-28 09	6,5	99,9	22.0 m		III 1 p	Cl,vL,pRi,lC,*10..15
101	NGC 2539	OCL 611	OPNCL	PUP	08 10.6	-12 49	6,5	99,9	22.0 m		II 1 m	Cl,vL,Ri,lC,*11...13
77	NGC 2548	M 48	OPNCL	HYA	08 13.7	-05 45	5,8	13	54 m		I 2 m	Cl,vL,pRi,pmC,* 9..13
101	NGC 2567	OCL 708	OPNCL	PUP	08 18.5	-30 39	7,4	99,9	10.0 m		III 2 m	Cl,pL,pRi,lC,iR,*11.
101	NGC 2571	OCL 701	OPNCL	PUP	08 18.9	-29 45	7	99,9	13.0 m		IV 1 p	Cl,vL,cRi,lC,st9
101	NGC 2613	ESO 495-18	GALXY	PYX	08 33.4	-22 58	10,3	12,9	7.1 m	1.6 m	Sb	cB,L,vmE 110 deg
101	NGC 2627	OCL 714	OPNCL	PYX	08 37.2	-29 57	8,4	99,9	11.0 m		III 2 m	Cl,cL,pRi,pC,*11..13
9	NGC 2655	UGC 4637	GALXY	CAM	08 55.6	+78 13	10,1	13,2	4.9 m	4.1 m	SBO-a	vB,cL,lE 90,gsvmbM,diff
29	NGC 2681	UGC 4645	GALXY	UMA	08 53.5	+51 19	10,3	12,8	3.7 m	3.7 m	SBO-a	vB,vL,vg,vsmbM *10
53	NGC 2683	UGC 4641	GALXY	LYN	08 52.7	+33 25	9,8	12,9	8.8 m	2.5 m	Sb	vB,vL,vmE39,gmbM
28	NGC 2742	NGC 2816	GALXY	UMA	09 07.6	+60 29	11,4	13	3 m	1.5 m	Sc	cB,cL,E 90 deg,er
28	NGC 2768	UGC 4821	GALXY	UMA	09 11.6	+60 02	9,9	13,7	8.2 m	5.3 m	E5	cB,cL,lE,psbM,LBN
76	NGC 2775	UGC 4820	GALXY	CNC	09 10.3	+07 02	10,1	12,9	4.5 m	3.6 m	Sab	cB,cL,R,vgvsmbM,r
28	NGC 2782	UGC 4862	GALXY	LYN	09 14.1	+40 07	11,6	13,9	3.7 m	2.4 m	SBa	cB,R,mbMBN

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
9	NGC 2787	UGC 4914	GALXY	UMA	09 19.3	+69 12	10,8	12,6	3.1 m	1.8 m	SBO-a	B,pL,lE 90 deg,mbM,r,vS* sf inv
100	NGC 2811	MCG - 3-24- 3	GALXY	HYA	09 16.2	-16 19	11,3	12	2.2 m	0.7 m	SBa	pB,pS,E,psmbM
28	NGC 2841	UGC 4966	GALXY	UMA	09 22.0	+50 59	9,2	12,7	7.7 m	3.6 m	Sb	vB,L,vmE151,vsmbM = *10
52	NGC 2859	UGC 5001	GALXY	LMI	09 24.3	+34 31	10,9	13,8	4 m	3.6 m	SBO-a Ring	vB,pL,R,smbM
52	NGC 2903	UGC 5079	GALXY	LEO	09 32.2	+21 30	9	13,6	12 m	5.6 m	SBbc	cB,vL,E,gmbM,r,sp of 2
28	NGC 2950	UGC 5176	GALXY	UMA	09 42.6	+58 51	10,9	12,5	2.7 m	1.8 m	SBO Ring	B,pS,R,vgvmbMN
52	NGC 2964	UGC 5183	GALXY	LEO	09 42.9	+31 51	11,3	12,8	3 m	1.7 m	SBbc Ring	B,vL,lE,vgbM,sp of 3
76	NGC 2974	MCG 0-25- 8	GALXY	SEX	09 42.6	-03 42	10,9	13	3.4 m	2.1 m	Sa	B,cS,iR,bM,*9 sp 43"
9	NGC 2976	UGC 5221	GALXY	UMA	09 47.2	+67 55	10,2	13	6.2 m	3.1 m	Scp	B,vL,mE152,st inv
9	NGC 2985	UGC 5253	GALXY	UMA	09 50.4	+72 17	10,4	13,3	4.6 m	3.4 m	Sb	vB,cL,R,psmbM,* inv f
9	NGC 3034	M 82	GALXY	UMA	09 55.9	+69 41	8,4	12,5	10.5 m	5.1 m	Sd	vB,vL,vmE(ray)
8	NGC 3077	UGC 5398	GALXY	UMA	10 03.3	+68 44	9,9	13,1	5.2 m	4.7 m	Sd	cB,cL,mbM,R w ray
27	NGC 3079	UGC 5387	GALXY	UMA	10 02.0	+55 41	10,9	13,4	8.1 m	1.3 m	SBc	vB,L,mE 135,long streak
75	NGC 3115	MCG - 1-26- 18	GALXY	SEX	10 05.2	-07 43	8,9	11,9	7.3 m	3.4 m	E6	vB,L,vmE 46,vgsmbMEN
8	NGC 3147	UGC 5532	GALXY	DRA	10 16.9	+73 24	10,6	13,3	4.3 m	3.7 m	Sbc	vB,L,R,vgvsvmbM
75	NGC 3166	UGC 5516	GALXY	SEX	10 13.8	+03 26	10,4	12,9	4.8 m	1.9 m	SBO-a	B,pS,R,psmbM,2nd of 3
75	NGC 3169	UGC 5525	GALXY	SEX	10 14.2	+03 28	10,2	12,8	4.2 m	2.9 m	Sa	B,pL,vlE,pgmbM,*11,78,80",3rd of 3
27	NGC 3184	UGC 5557	GALXY	UMA	10 18.3	+41 25	9,8	13,9	7.6 m	7.4 m	SBc	pB,vL,R,vgbM
51	NGC 3190	UGC 5559	GALXY	LEO	10 18.1	+21 50	11,1	13,1	4 m	1.5 m	Sa	B,pS,E,psbMN
51	NGC 3193	UGC 5562	GALXY	LEO	10 18.4	+21 54	10,9	13,1	2.9 m	2.8 m	E0	B,S,vlE,pslbM,*9.5,354,80"
27	NGC 3198	UGC 5572	GALXY	UMA	10 19.9	+45 33	10,3	13,8	8.1 m	3 m	SBc Ring	pB,vL,mE 45,vgbM
51	NGC 3226	UGC 5617	GALXY	LEO	10 23.4	+19 54	11,4	13,8	2.5 m	2.2 m	Elliptical	pB,cL,R,D
51	NGC 3227	UGC 5620	GALXY	LEO	10 23.5	+19 52	10,3	13,4	6.6 m	5 m	SBa	pB,cL,R,D
99	NGC 3242	PK 261+32.1	PLNNB	HYA	10 24.8	-18 39	8,6	5,4	40 s	35 s	4(3b)	! vB,lE 147,45" d,blue
51	NGC 3245	UGC 5663	GALXY	LMI	10 27.3	+28 30	10,8	12,6	3.5 m	2.4 m	SO	vB,pL,E 0,smbMEN

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
51	NGC 3277	UGC 5731	GALXY	LMI	10 32.9	+28 31	11,7	12,9	2.1 m	1.8 m	Sab	cB,cS,R,pgmbM
27	NGC 3294	UGC 5753	GALXY	LMI	10 36.3	+37 19	11,8	13,7	3.4 m	1.8 m	Sc	cB,L,mE 135,glbM
27	NGC 3310	UGC 5786	GALXY	UMA	10 38.8	+53 30	10,8	12,8	2.8 m	2.6 m	SBbc/P	cB,pL,R,vg,vsmbMN 15"
51	NGC 3344	UGC 5840	GALXY	LMI	10 43.5	+24 55	9,9	13,9	7.1 m	6.8 m	SBbc Ring	cB,L,gbM,* inv,2 st f
51	NGC 3377	UGC 5899	GALXY	LEO	10 47.7	+13 59	10,4	13,4	4.3 m	2.6 m	Elliptical	vB,cL,lE,svmbMBN
51	NGC 3379	M 105	GALXY	LEO	10 47.8	+12 35	9,3	12,8	5.3 m	4.8 m	E1	vB,cL,R,psbM,r
51	NGC 3384	NGC 3371	GALXY	LEO	10 48.3	+12 38	9,9	12,6	5.4 m	2.7 m	E7	vB,L,R,psmbM,2nd of 3
51	NGC 3395	UGC 5931	GALXY	LMI	10 49.8	+32 59	12,1	12,9	1.7 m	0.9 m	SBc	cB,pS,ilE,1st of 2
51	NGC 3412	UGC 5952	GALXY	LEO	10 50.9	+13 25	10,5	12,6	3.7 m	2.2 m	SBO	B,S,lE 135,smbMN
51	NGC 3414	UGC 5959	GALXY	LMI	10 51.3	+27 58	11	13,3	3.6 m	3.1 m	SBO	B,pL,R,mbM
51	NGC 3432	UGC 5986	GALXY	LMI	10 52.5	+36 37	11,3	13,6	6.6 m	1.6 m	SB	pB,pL,vmE 40,** close sp
50	NGC 3486	UGC 6079	GALXY	LMI	11 00.4	+28 59	10,5	14,3	6.8 m	4.8 m	SBc	cB,cL,R,gmbM
50	NGC 3489	UGC 6082	GALXY	LEO	11 00.3	+13 54	10,3	12,3	3.6 m	2.2 m	SBO-a	vB,pL,lE 80,smbMN
50	NGC 3504	UGC 6118	GALXY	LMI	11 03.2	+27 58	11	12,8	2.7 m	2.5 m	SBab Ring	B,L,E,mbMN,rr,p of 2
74	NGC 3521	UGC 6150	GALXY	LEO	11 05.8	-00 02	9	13,2	11.2 m	5.4 m	SBbc	cB,cL,mE 140,vsmbMN
26	NGC 3556	M 108	GALXY	UMA	11 11.5	+55 40	10	13,1	8.6 m	2.4 m	SBc	cB,vL,vmE 79,pBM
50	NGC 3593	UGC 6272	GALXY	LEO	11 14.6	+12 49	10,9	13,3	4.9 m	2.1 m	Sa	B,cL,E 90,psmbM
50	NGC 3607	UGC 6297	GALXY	LEO	11 16.9	+18 03	9,9	12,5	4.6 m	4 m	E-SO	vB,L,R,vmbM,2nd of 3
50	NGC 3608	UGC 6299	GALXY	LEO	11 17.0	+18 09	10,8	13	3.5 m	3 m	Elliptical	B,pL,R,psbM,3rd of 3
26	NGC 3610	UGC 6319	GALXY	UMA	11 18.4	+58 47	10,8	12,8	2.5 m	2.5 m	Elliptical	vB,pS,lE 90,vsvmbMSN
26	NGC 3613	UGC 6323	GALXY	UMA	11 18.6	+58 00	10,9	13	3.6 m	2 m	Elliptical	vB,cL,mE 305,smbMN
26	NGC 3619	UGC 6330	GALXY	UMA	11 19.4	+57 45	11,5	13,4	3.5 m	2.4 m	Sa	cB,cL,R,vgmbM
98	NGC 3621	ESO 377-37	GALXY	HYA	11 18.3	-32 49	9,7	14,4	12.4 m	5.7 m	SBcd	cB,vL,E 160,am 4 st
50	NGC 3626	NGC 3632	GALXY	LEO	11 20.1	+18 21	11	12,6	3.2 m	2.4 m	Sa	B,S,vlE,sbM
50	NGC 3628	UGC 6350	GALXY	LEO	11 20.3	+13 35	9,5	13,4	13.1 m	3.1 m	Sb	pB,vL,vmE 102

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
26	NGC 3631	UGC 6360	GALXY	UMA	11 21.0	+53 10	10,4	13,7	5 m	4.8 m	Sc	pB,L,R,svmbMrN
74	NGC 3640	UGC 6368	GALXY	LEO	11 21.1	+03 14	10,4	13,2	4.5 m	4 m	Elliptical	B,pL,R,psbM
50	NGC 3655	UGC 6396	GALXY	LEO	11 22.9	+16 35	11,6	12	1.5 m	1 m	Sc	pB,pS,iR,bM,r
26	NGC 3665	UGC 6426	GALXY	UMA	11 24.7	+38 46	10,8	12,4	3.5 m	3 m	SO	cB,cL,iR,pgmbM
26	NGC 3675	UGC 6439	GALXY	UMA	11 26.1	+43 35	10,2	13,2	6.2 m	3.6 m	Sb	vB,cL,vmE 0,vsmbMN,many st p
50	NGC 3686	UGC 6460	GALXY	LEO	11 27.7	+17 13	11,3	13,4	3.1 m	2.4 m	SBbc	pB,L,vlE,vgbM,r
26	NGC 3726	UGC 6537	GALXY	UMA	11 33.3	+47 02	10,4	13,8	6 m	4.1 m	SBc Ring	pB,vL,lE 0,vsmbM *15,*11 n
26	NGC 3729	UGC 6547	GALXY	UMA	11 33.8	+53 08	11,4	13,1	2.9 m	1.9 m	SB/P	pB,pL,lE 0,gbM,*12 nr
74	NGC 3810	UGC 6644	GALXY	LEO	11 41.0	+11 28	10,8	13,4	4.1 m	2.7 m	Sc	B,L,vlE
50	NGC 3813	UGC 6651	GALXY	UMA	11 41.3	+36 33	11,6	12,5	2 m	1 m	Sb	cB,pL,pmE 83,bM
26	NGC 3877	UGC 6745	GALXY	UMA	11 46.1	+47 30	11	13	5.3 m	1.2 m	Sc	B,L,mE 37
26	NGC 3893	UGC 6778	GALXY	UMA	11 48.6	+48 43	10,5	13	4.5 m	2.4 m	SBc	B,pL,R,mbM
26	NGC 3898	UGC 6787	GALXY	UMA	11 49.3	+56 05	10,7	13,2	3.8 m	2.6 m	Sab	B,pL,lE,svmbM
50	NGC 3900	UGC 6786	GALXY	LEO	11 49.2	+27 01	11,4	13	3.5 m	1.8 m	Sa Ring	B,pL,vlE 0,bMN
50	NGC 3912	NGC 3899	GALXY	LEO	11 50.1	+26 29	12,4	12,6	1.5 m	0.9 m	SBb	F,pL,R,pgbM
26	NGC 3938	UGC 6856	GALXY	UMA	11 52.8	+44 07	10,4	13,8	5.1 m	5 m	Sc	B,vL,R,bM,pBN,er
50	NGC 3941	UGC 6857	GALXY	UMA	11 52.9	+36 59	10,3	12,5	3.5 m	2.5 m	SBO	vB,pL,R,smbM *9
26	NGC 3945	UGC 6860	GALXY	UMA	11 53.2	+60 40	10,9	13,9	6.4 m	4.2 m	SBO-a Ring	B,pL,R,gmbM,r,*12 sp
26	NGC 3949	UGC 6869	GALXY	UMA	11 53.7	+47 52	11,1	12,6	2.9 m	1.7 m	Sbc	cB,pL,pmE,vgbM
26	NGC 3953	UGC 6870	GALXY	UMA	11 53.8	+52 19	10,1	13,4	6.9 m	3.6 m	SBbc	cB,L,E 0,vsbM,fine spiral
98	NGC 3962	MCG - 2-30- 40	GALXY	CRT	11 54.7	-13 59	10,7	12,6	3.4 m	2.8 m	Elliptical	cB,pL,iR,gmbM,tri 2 st
26	NGC 3982	UGC 6918	GALXY	UMA	11 56.5	+55 07	11	12,5	2.3 m	2 m	SBb	B,pL,R,g,sbM,disc
26	NGC 3992	M 109	GALXY	UMA	11 57.6	+53 22	9,8	13,6	7.5 m	4.4 m	SBbc	cB,vL,pmE,sbM,BN
26	NGC 3998	UGC 6946	GALXY	UMA	11 57.9	+55 27	10,7	12,5	2.7 m	2.3 m	SO	cB,pS,R,vg,smbM
26	NGC 4026	UGC 6985	GALXY	UMA	11 59.4	+50 58	10,8	12,7	4.7 m	1.2 m	SO	vB,cL,mE176,vsvmbM,BN

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
98	NGC 4027A	ESO 572-36	GALXY	CRV	11 59.5	-19 20	15	99,9	0.9 m	0.6 m	Ir	
73	NGC 4030	UGC 6993	GALXY	VIR	12 00.4	-01 06	10,6	13,2	4.2 m	3.2 m	Sbc	cB,L,vlE,psmbM,B* nr
25	NGC 4036	UGC 7005	GALXY	UMA	12 01.5	+61 54	10,7	12,7	4 m	1.8 m	E6	vB,vL,E,vBN
97	NGC 4038	ESO 572-47	GALXY	CRV	12 01.9	-18 52	10,3	13,1	3.4 m	2 m	Sp	pB,cL,R,vgbM
7	NGC 4041	UGC 7014	GALXY	UMA	12 02.2	+62 08	11,3	13,2	2.7 m	2.6 m	Sbc	B,cL,R,g,psvmbMrN,vB cent w comp struct
25	NGC 4051	UGC 7030	GALXY	UMA	12 03.2	+44 32	10,2	13,3	5.3 m	4.4 m	SBbc	B,vL,E,vgvsmbM*11,vseBN or *
25	NGC 4085	UGC 7075	GALXY	UMA	12 05.4	+50 21	12,4	13,1	2.5 m	0.8 m	SBc	B,pL,pmE78,vsbM
25	NGC 4088	UGC 7081	GALXY	UMA	12 05.6	+50 32	10,6	13,2	5.6 m	2.1 m	SBbc	B,cL,E55,lbM
25	NGC 4102	UGC 7096	GALXY	UMA	12 06.4	+52 43	11,2	12,8	3.1 m	1.7 m	SBb Ring	B,pS,R,bM,BN,*12 sp
25	NGC 4111	UGC 7103	GALXY	CVN	12 07.0	+43 04	10,7	12,2	4.6 m	1 m	Sa	vB,pS,mE151,vsvBN
25	NGC 4143	UGC 7142	GALXY	CVN	12 09.6	+42 32	10,6	11,8	2.9 m	1.9 m	SBO	cB,R,vg,vsbMN
49	NGC 4147	NGC 4153	GLOCL	COM	12 10.1	+18 33	10,3	99,9	4.0 m		VI	vB,pL,R,gbM,rrr
49	NGC 4150	UGC 7165	GALXY	COM	12 10.6	+30 24	11,6	13	2.3 m	1.6 m	SO	B,S,R,pgmbM,vsvBN
25	NGC 4151	UGC 7166	GALXY	CVN	12 10.5	+39 24	10,8	14,2	6.8 m	5.3 m	SBab Ring	vB,S,R,vsmbMBN,p of 2
73	NGC 4179	UGC 7214	GALXY	VIR	12 12.9	+01 18	11	12,5	4.2 m	1.3 m	SO	pB,pS,pmE135,bMN
49	NGC 4203	UGC 7256	GALXY	COM	12 15.1	+33 12	10,9	13,3	3.5 m	3.2 m	E-SO Bar	vB,S,R,psmbM
49	NGC 4214	NGC 4228	GALXY	CVN	12 15.6	+36 20	9,8	14	8.4 m	7.2 m	Ir	cB,cL,iE,biN,=NGC 4208
49	NGC 4216	UGC 7284	GALXY	VIR	12 15.9	+13 09	10	12,8	7.8 m	1.8 m	SBb	vB,vL,vmE17,sbMN
49	NGC 4245	UGC 7328	GALXY	COM	12 17.6	+29 36	11,4	13,3	3.3 m	2.4 m	SBO-a Ring	cB,pL,vlE,smbM,r,vsvBN
49	NGC 4251	UGC 7338	GALXY	COM	12 18.1	+28 10	10,7	12,4	3.6 m	2.5 m	SBO Ring	vB,S,E,vsvmbMN,*6-7 f 90"
25	NGC 4258	M 106	GALXY	CVN	12 19.0	+47 18	8,4	13,6	17.4 m	6.6 m	SBbc	!,vB,vL,vmE0,sbMBN
73	NGC 4261	UGC 7360	GALXY	VIR	12 19.4	+05 49	10,4	13,3	3.8 m	3.5 m	E2	pB,pS,R,gbM
73	NGC 4273	UGC 7380	GALXY	VIR	12 19.9	+05 21	11,9	13,1	2.3 m	1.5 m	SBc	pB,L,E,gbM
49	NGC 4274	UGC 7377	GALXY	COM	12 19.8	+29 37	10,4	13,3	6.8 m	2.4 m	SBab Ring	vB,vL,E90,mbMN
49	NGC 4278	UGC 7386	GALXY	COM	12 20.1	+29 17	10,2	13,1	4 m	3.9 m	Elliptical	vB,pL,R,mbM,r,1 of 3

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
73	NGC 4281	UGC 7389	GALXY	VIR	12 20.4	+05 23	11,3	12,8	3 m	1.6 m	Sa	B,vL,R,pgbM
49	NGC 4293	UGC 7405	GALXY	COM	12 21.2	+18 23	10,4	13,1	5.5 m	2.9 m	SBO-a	F,vL,E,lbM,r,vsBN
73	NGC 4303	M 61	GALXY	VIR	12 21.9	+04 28	9,6	13,4	6.5 m	5.9 m	SBbc Ring	vB,vL,vsbM*,biN
49	NGC 4314	UGC 7443	GALXY	COM	12 22.5	+29 54	10,6	13,4	3.9 m	3.7 m	SBa	cB,L,E150,sbM,* np,eBN w spir struct
25	NGC 4346	UGC 7463	GALXY	CVN	12 23.5	+47 00	11,1	12,6	3.2 m	1.3 m	SBO	vF,S,mE100,vsmbMBN
49	NGC 4350	UGC 7473	GALXY	COM	12 24.0	+16 42	11	12,5	2.9 m	1.6 m	SO	cB,vS,mE,vsbM
97	NGC 4361	ESO 573-PN19	PLNNB	CRV	12 24.5	-18 47	10,9	11,1	80 s		3a(2)	vB,L,R,vsmbMN,r
73	NGC 4365	UGC 7488	GALXY	VIR	12 24.5	+07 19	9,6	13,4	6.5 m	4.9 m	Elliptical	cB,pL,vlE,gl,smbM
73	NGC 4371	UGC 7493	GALXY	VIR	12 24.9	+11 42	10,8	13,1	4 m	2.3 m	SBO-a Ring	B,pS,R,gbM
49	NGC 4394	UGC 7523	GALXY	COM	12 25.9	+18 13	10,9	13,4	3.4 m	3.2 m	SBab	pB,lE,bM
49	NGC 4414	UGC 7539	GALXY	COM	12 26.5	+31 13	10,1	12,1	3.6 m	2 m	Sc	vB,L,E,g,vsmbM*,B diff N in B bulge
49	NGC 4419	UGC 7551	GALXY	COM	12 26.9	+15 03	11,2	12,4	3.3 m	1.2 m	SBa	B,pmE135,sbM
73	NGC 4429	UGC 7568	GALXY	VIR	12 27.4	+11 06	10	12,8	5.8 m	2.8 m	Sa	B,L,cE,psbM,*10 nf
49	NGC 4435	UGC 7575	GALXY	VIR	12 27.7	+13 05	10,8	12,5	3 m	2.2 m	SBO	vB,cL,R,np of 2
49	NGC 4438	UGC 7574	GALXY	VIR	12 27.8	+13 00	10,2	13,6	8.5 m	3 m	Sa	B,cL,vlE,r,sf of 2
73	NGC 4442	UGC 7583	GALXY	VIR	12 28.1	+09 48	10,4	12,6	4.5 m	1.8 m	SBO	vB,pL,R,smbM
49	NGC 4448	UGC 7591	GALXY	COM	12 28.3	+28 37	11,1	12,8	3.6 m	1.3 m	SBab Ring	B,L,E90,sbM
25	NGC 4449	UGC 7592	GALXY	CVN	12 28.2	+44 06	9,6	13	6.2 m	4.9 m	Ir	vB,cL,mE,D or bifid,rrr,*F,B center w N or *
49	NGC 4450	UGC 7594	GALXY	COM	12 28.5	+17 05	10,1	13,2	5.4 m	4.1 m	Sab	B,L,R,gvmbM*,r,B* sp
49	NGC 4459	UGC 7614	GALXY	COM	12 29.0	+13 59	10,4	12,7	4 m	3.1 m	Sa	pB,pL,iR,bM,r,*8 sf 2'
49	NGC 4473	UGC 7631	GALXY	COM	12 29.8	+13 26	10,2	12,8	4.2 m	2.6 m	Elliptical	pB
49	NGC 4477	UGC 7638	GALXY	COM	12 30.0	+13 38	10,4	13,1	3.7 m	3.3 m	SBO	pB,cL
49	NGC 4478	UGC 7645	GALXY	VIR	12 30.3	+12 20	11,4	12,7	1.8 m	1.5 m	E1	pB,S,R,psbM,2 of 3
25	NGC 4485	UGC 7648	GALXY	CVN	12 30.5	+41 42	11,9	13,2	2.4 m	1.8 m	Ir	B,pS,iR,np of 2
25	NGC 4490	UGC 7651	GALXY	CVN	12 30.6	+41 39	9,8	12,9	6.4 m	3.2 m	SBcd	vB,vL,mE130,r,sf of 2

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
49	NGC 4494	UGC 7662	GALXY	COM	12 31.4	+25 46	9,8	12,9	4.5 m	4.3 m	Elliptical	vB,pL,R,vsmbMN
73	NGC 4526	NGC 4560	GALXY	VIR	12 34.0	+07 42	9,7	12,7	7 m	2.5 m	SBO	vB,vL,mE120,psmbM
73	NGC 4527	UGC 7721	GALXY	VIR	12 34.1	+02 39	10,5	13,1	5.9 m	2.3 m	SBbc	pB,L,pmE69,mbM,vseBN or *
73	NGC 4535	UGC 7727	GALXY	VIR	12 34.3	+08 12	10	13,7	6.9 m	5.4 m	SBc	pF,vL,r,vseBN or *
73	NGC 4536	UGC 7732	GALXY	VIR	12 34.4	+02 11	10,6	13,9	7.1 m	3.1 m	SBbc	B,vL,mE110,sbM,er
73	NGC 4546	MCG - 1-32- 27	GALXY	VIR	12 35.5	-03 48	10,3	11,9	3.3 m	1.6 m	E-SO Bar	vB,cL,pmE78,vsmbMN
49	NGC 4548	M 91	GALXY	COM	12 35.4	+14 30	10,1	13,4	5.2 m	4.2 m	SBb	B,L,lE,lbM
49	NGC 4550	UGC 7757	GALXY	VIR	12 35.5	+12 13	11,7	12,8	3.3 m	0.9 m	SBO	pB,S,vlE,sp of 2
49	NGC 4559	UGC 7766	GALXY	COM	12 36.0	+27 58	10	14	11 m	4.9 m	SBc	vB,vL,mE150,gbM,3 * f
49	NGC 4565	UGC 7772	GALXY	COM	12 36.3	+25 59	9,6	13,3	14.9 m	2 m	Sb	!!B,eL,eE135,vsbMN = *10-11
73	NGC 4570	UGC 7785	GALXY	VIR	12 36.9	+07 15	10,9	12,4	3.7 m	1.2 m	SO	cB,pS,mE0,sbM
73	NGC 4594	M 104	GALXY	VIR	12 40.0	-11 37	8	11,6	8.6 m	4.2 m	Sab	!vB,vL,eE92,vsmbMN
73	NGC 4596	UGC 7828	GALXY	VIR	12 39.9	+10 11	10,4	13	4 m	3.4 m	SBO-a	B,pS,R,gmbM,r,3 * f
25	NGC 4618	IC 3667	GALXY	CVN	12 41.6	+41 09	10,8	13,5	4.2 m	3.4 m	SB	B,L,E,mbM,curved branch n
49	NGC 4631	UGC 7865	GALXY	CVN	12 42.1	+32 32	9,2	13,1	15.2 m	2.8 m	SBcd	vB,vL,eE70,bMN,* att n
73	NGC 4636	NGC 4624?	GALXY	VIR	12 42.8	+02 41	9,5	13,1	5.9 m	4.6 m	Elliptical	B,L,iR,vgvmbM,r
73	NGC 4643	UGC 7895	GALXY	VIR	12 43.3	+01 59	10,8	12,7	3.1 m	2.5 m	SBO-a	cB,pS,lE,mbM
49	NGC 4654	IC 3708	GALXY	VIR	12 43.9	+13 08	10,5	13,2	5 m	3.1 m	SBc Ring	F,vL,pmE(D?),3 * nr
49	NGC 4656	UGC 7907	GALXY	CVN	12 44.0	+32 10	10,5	14,5	15.3 m	2.4 m	SB	pB,L,vmE34,sp of 2
73	NGC 4660	UGC 7914	GALXY	VIR	12 44.5	+11 11	11,2	12,6	2.1 m	1.7 m	E5	vB,S,vsvmbMN
73	NGC 4665	NGC 4624	GALXY	VIR	12 45.1	+03 03	10,5	13,1	3.5 m	3.5 m	SBO-a	B,pL,iR,mbM,*10 sp
73	NGC 4666	UGC 7926	GALXY	VIR	12 45.1	-00 28	10,7	12,5	4.5 m	1.4 m	SBc	B,vL,mE45,psbM
49	NGC 4689	UGC 7965	GALXY	COM	12 47.8	+13 46	10,9	13,7	4.7 m	4 m	Sbc	pB,vL,E,vglbM,r
73	NGC 4697	MCG - 1-33- 10	GALXY	VIR	12 48.6	-05 48	9,2	13,1	6.2 m	4.5 m	Elliptical	vB,L,lE45,smbMN
73	NGC 4698	UGC 7970	GALXY	VIR	12 48.4	+08 29	10,6	12,9	4 m	2.9 m	Sab	cB,pL,iR,bM,r

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
73	NGC 4699	MCG - 1-33- 13	GALXY	VIR	12 49.0	-08 40	9,5	11,9	3.8 m	2.8 m	SBb	vB,R,vmbMrN,r
49	NGC 4725	UGC 7989	GALXY	COM	12 50.4	+25 30	9,4	14	10.4 m	7.2 m	SBab Ring	vB,vL,E,vg,vsvmbM,eBN
73	NGC 4753	UGC 8009	GALXY	VIR	12 52.4	-01 12	9,9	12,9	5.1 m	2.6 m	SO	cB,L,vlE,vglbM
73	NGC 4754	UGC 8010	GALXY	VIR	12 52.3	+11 19	10,6	13,1	4.4 m	2.4 m	SBO	B,pL,R,psbM,p of 2
73	NGC 4762	UGC 8016	GALXY	VIR	12 52.9	+11 14	10,3	13	8.6 m	2 m	SBO	pB,vmE31,3 B * s,f of 2
73	NGC 4781	MCG - 2-33- 49	GALXY	VIR	12 54.4	-10 32	11,1	12,8	3.4 m	1.4 m	SBcd	cB,vL,mE
25	NGC 4800	UGC 8035	GALXY	CVN	12 54.6	+46 32	11,5	12	1.6 m	1.2 m	Sb	pB,cS,R,psbM,*14 p,vBN
73	NGC 4845	UGC 8078	GALXY	VIR	12 58.0	+01 35	11,2	13,1	4.9 m	1.3 m	Sab	pF,pL,pmE,vgbM,* nf
97	NGC 4856	MCG - 2-33- 78	GALXY	VIR	12 59.4	-15 03	10,5	12,1	3.9 m	1.4 m	SBO-a	B,R,psmbM,*13 np
49	NGC 4866	UGC 8102	GALXY	VIR	12 59.5	+14 10	11,2	13,4	6.4 m	1.5 m	Sa	B,pL,mE90,sbMN,S* inv
72	NGC 4900	UGC 8116	GALXY	VIR	13 00.7	+02 30	11,4	12,9	2.2 m	2.2 m	SBc	cB,cE,*10 att pos135
72	NGC 4958	MCG - 1-33- 84	GALXY	VIR	13 05.8	-08 01	10,7	12,3	3.9 m	1.4 m	SBO	vB,pS,E,bMBN
72	NGC 4995	MCG - 1-34- 7	GALXY	VIR	13 09.7	-07 50	11,1	12,5	2.4 m	1.7 m	SBb	pB,pL,R,vgpmbM,*8 np
24	NGC 5005	UGC 8256	GALXY	CVN	13 10.9	+37 03	9,8	12,7	5.8 m	2.9 m	SBbc	vB,vL,vmE66,vsbMN
48	NGC 5033	UGC 8307	GALXY	CVN	13 13.5	+36 36	10,2	14,4	9.8 m	3.6 m	Sc	vB,pL,E167,smbM,vBN
96	NGC 5054	MCG - 3-34- 39	GALXY	VIR	13 17.0	-16 38	10,9	13,7	5.1 m	2.8 m	Sbc	F,pS,iR
24	NGC 5195	UGC 8494	GALXY	CVN	13 30.0	+47 16	9,6	12,9	5.9 m	4.6 m	SBO-a	B,pS,lE,vgbM,inv M51
72	NGC 5248	UGC 8616	GALXY	BOO	13 37.5	+08 53	10,3	13,8	5.9 m	4.5 m	SBbc	B,L,E150,psbMRN
48	NGC 5273	UGC 8675	GALXY	CVN	13 42.1	+35 39	11,6	13,6	2.7 m	2.2 m	SO	cB,pL,R,g,psmbM
24	NGC 5322	UGC 8745	GALXY	UMA	13 49.2	+60 11	10,2	13,6	6 m	4.1 m	E2	vB,pL,iR,psmbM
72	NGC 5363	UGC 8847	GALXY	VIR	13 56.1	+05 15	10,1	12,5	4.6 m	3.1 m	Sa	B,pL,R,psbM,*8 nf
72	NGC 5364	NGC 5317	GALXY	VIR	13 56.2	+05 01	10,5	14,1	6.1 m	4.2 m	SBc/P	cF,L,R,gbM
47	NGC 5466	GCL 27	GLOCL	BOO	14 05.5	+28 32	9,1	99,9	9.2 m		XII	Cl,L,vRi,vmC,st 11...
23	NGC 5473	UGC 9011	GALXY	UMA	14 04.7	+54 54	11,4	12,8	2.2 m	1.7 m	E2	pB,S,R,gbM
23	NGC 5474	UGC 9013	GALXY	UMA	14 05.0	+53 40	10,8	13,9	5 m	4.5 m	Sc	pB,L,bM,P w M101

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
47	NGC 5557	UGC 9161	GALXY	BOO	14 18.4	+36 30	11	12,6	2.4 m	1.9 m	E1	cB,S,R,vsbM*
71	NGC 5566	UGC 9175	GALXY	VIR	14 20.3	+03 56	10,6	13,3	6.6 m	2.3 m	SBab Ring	B,pL,R,psbM,r,*f1.5'
71	NGC 5576	UGC 9183	GALXY	VIR	14 21.1	+03 16	11	13,2	3 m	2.3 m	E2	B,S,R,vsmbM,brightest of 3
23	NGC 5631	UGC 9261	GALXY	UMA	14 26.6	+56 35	11,5	12,5	2 m	2 m	SO	B,S,R,psbMN
71	NGC 5634	GCL 28	GLOCL	VIR	14 29.6	-05 59	11	99,9	4.9 m		IV	vB,cL,R,gbM,rrr,st 19...,*8 sf
23	NGC 5676	UGC 9366	GALXY	BOO	14 32.8	+49 27	11,2	13,2	3.9 m	1.8 m	Sbc	B,L,E45,pgbM,r
23	NGC 5689	UGC 9399	GALXY	BOO	14 35.5	+48 44	11,9	13	3.3 m	1 m	SBO-a	cB,pL,E87,psmbM
95	NGC 5694	GCL 29	GLOCL	HYA	14 39.6	-26 32	10,2	99,9	3.6 m		VII	cB,cS,R,psbM,r,* 9.5 sp
71	NGC 5746	UGC 9499	GALXY	VIR	14 44.9	+01 57	10,3	12,6	6.9 m	1.2 m	SBb	B,L,vmE170,bM,BN
70	NGC 5846	UGC 9706	GALXY	VIR	15 06.5	+01 36	10	13	4 m	3.7 m	E0	vB,pL,R,psbMN,F* inv S,n of 2
22	NGC 5866		GALXY	DRA	15 06.5	+55 46	9,9	12,2	6.5 m	3.1 m	Sa	vB,cL,pME146,gbM
94	NGC 5897	GCL 33	GLOCL	LIB	15 17.4	-21 01	8,6	99,9	8.7 m		XI	pF,L,viR,vgbM,rrr
22	NGC 5907	NGC 5906	GALXY	DRA	15 15.9	+56 20	10,3	13,3	11.8 m	1.3 m	Sc	cB,vL,vmE155,vgBMN
22	NGC 5982	UGC 9961	GALXY	DRA	15 38.7	+59 21	11,1	12,9	3 m	2.1 m	E3p	cB,S,R,psbM,r
69	NGC 6118	UGC 10350	GALXY	SER	16 21.8	-02 17	11,7	13,9	4.7 m	1.9 m	Sc	vF,cL,cE45,r
93	NGC 6144	GCL 42	GLOCL	SCO	16 27.2	-26 01	9,1	99,9	6.2 m		XI	Cl,cL,mC,gbM,rrr
93	NGC 6171	M 107	GLOCL	OPH	16 32.5	-13 03	8,1	12	3.3 m		X	L,vRi,vmC,R,rrr
45	NGC 6207	UGC 10521	GALXY	HER	16 43.1	+36 50	11,6	12,9	3 m	1.2 m	Sc	pB,pL,E45,vgmbM
5	NGC 6217	UGC 10470	GALXY	UMI	16 32.6	+78 12	11,2	13,2	3.3 m	3.2 m	SBbc Ring	B,cL,lE,slBM
21	NGC 6229	GCL 47	GLOCL	HER	16 47.0	+47 32	9,4	99,9	3.8 m		IV	vB,L,R,disc,r
93	NGC 6235	GCL 48	GLOCL	OPH	16 53.4	-22 11	10,2	99,9	1.9 m		X	pB,cL,iR,rrr,*14..16
92	NGC 6284	GCL 53	GLOCL	OPH	17 04.5	-24 46	9	99,9	2.7 m		IX	B,L,R,CM,st16...
92	NGC 6287	GCL 54	GLOCL	OPH	17 05.2	-22 42	9,2	99,9	2.7 m		VII	cB,L,R,gpmCM,rrr
92	NGC 6293	GCL 55	GLOCL	OPH	17 10.2	-26 35	8,2	99,9	3.5 m		IV	vB,L,R,psbM,st16
92	NGC 6304	GCL 56	GLOCL	OPH	17 14.5	-29 28	8,4	99,9	3.8 m		VI	B,cL,R,lbM,rrr

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
92	NGC 6316	GCL 57	GLOCL	OPH	17 16.6	-28 08	9	99,9	4.9 m		III	cB,pS,R,gvmBM
92	NGC 6342	GCL 61	GLOCL	OPH	17 21.2	-19 35	9,9	99,9	3.0 m		IV	cB,pS,lE,eR
92	NGC 6355	GCL 63	GLOCL	OPH	17 24.0	-26 21	9,6	99,9	6.1 m			cF,L,R,gbM,rrr
92	NGC 6356	GCL 62	GLOCL	OPH	17 23.6	-17 49	8,4	99,9	3.5 m		II	vB,cL,vgvmBM,rrr
92	NGC 6369	PK 2+5.1;H IV 11	PLNNB	OPH	17 29.3	-23 46	11	10,5	30 s	29 s	4(2)	Annular,pB,S,R
92	NGC 6401	GCL 73	GLOCL	OPH	17 38.6	-23 55	9,5	99,9	1 m		IX	pB,pL,R,*12F inv
68	NGC 6426	GCL 76	GLOCL	OPH	17 44.9	+03 10	11,2	99,9	3.2 m		IX	vF,cL,E,vlbM
92	NGC 6440	GCL 77	GLOCL	SGR	17 48.9	-20 22	9,7	99,9	1.7 m		V	pB,pL,R,bM
92	NGC 6445	PK 8+3.1;H II 586	PLNNB	SGR	17 49.3	-20 01	13	9,6	35 s	30 s	3b(3)	pB,pS,R,gbM,r,*15 np
92	NGC 6451	OCL 1035	OPNCL	SCO	17 50.7	-30 13	8,2	99,9	8.0 m		II 1 p n	Cl,pL,pRi,bifid,st12
91	NGC 6514	M 20	CL+NB	SGR	18 02.7	-22 58	6,3	13	28.0 m		E+*	vB,vL,Trifid,D* inv
67	NGC 6517	GCL 81	GLOCL	OPH	18 01.8	-08 58	10,3	99,9	1 m		IV	pB,pL,R,rr
91	NGC 6520	OCL 10	OPNCL	SGR	18 03.4	-27 53	7,6	99,9	6.0 m		I 2 m n	Cl,pS,Ri,lC,st9...13
91	NGC 6522	GCL 82	GLOCL	SGR	18 03.6	-30 02	8,6	99,9	5.6 m		VI	B,pL,R,gvmBM,rrr
91	NGC 6528	GCL 84	GLOCL	SGR	18 04.8	-30 03	9,5	99,9	3.7 m		V	pF,cS,R,gbM,rrr
91	NGC 6540		GLOCL	SGR	18 06.1	-27 46	14,6	99,9	0.8 m		XI	pF,S,lE,er or Cl
5	NGC 6543	PK 96+29.1	PLNNB	DRA	17 58.6	+66 38	8,3	5	22 s	16 s	3a(2)	vB,pS,sbMvSN
91	NGC 6544	GCL 87	GLOCL	SGR	18 07.3	-25 00	8,3	99,9	8.4 m		IX	cF,pL,iR,r
91	NGC 6553	GCL 88	GLOCL	SGR	18 09.3	-25 54	8,3	99,9	3.2 m		XI	F,L,lE,vglbM,rr
91	NGC 6568	OCL 28	OPNCL	SGR	18 12.8	-21 35	8,6	99,9	13.0 m		III 1 m	Cl,vL,lC
91	NGC 6569	GCL 91	GLOCL	SGR	18 13.6	-31 50	8,7	99,9	5.8 m		VIII	cB,L,R,rrr,*15..
91	NGC 6583	OCL 27	OPNCL	SGR	18 15.8	-22 08	10	99,9	2.8 m		II 1 m	Cl,pRi,pC,cE,st13...
91	NGC 6624	GCL 93	GLOCL	SGR	18 23.7	-30 22	8,3	99,9	5.9 m		VI	vB,pL,R,rrr,st16..
91	NGC 6629	PK 9-5.1;H II 204	PLNNB	SGR	18 25.7	-23 12	10,5	8,2	16 s	14 s	2a	pB,eeS,R
67	NGC 6633	OCL 90	OPNCL	OPH	18 27.3	+06 31	4,6	99,9	27.0 m		III 2 m	Cl,lC,st L

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
91	NGC 6638	GCL 95	GLOCL	SGR	18 30.9	-25 30	9,2	99,9	2.2 m		VI	B,S,R,rr
91	NGC 6642	GCL 97	GLOCL	SGR	18 31.9	-23 29	8,8	99,9	0.8 m		IV	pB,pL,iR,gpmbM
91	NGC 6645	OCL 48	OPNCL	SGR	18 32.6	-16 53	8,5	99,9	10.0 m		III 1 m	Cl,pL,vRi,pC,st11..15
67	NGC 6664	OCL 68	OPNCL	SCT	18 36.6	-07 49	7,8	99,9	16 m		III 2 m	Cl,L,pRi,vIC
67	NGC 6712	GCL 103	GLOCL	SCT	18 53.1	-08 42	8,2	99,9	4.3 m		IX	pB,vL,irr,rrr
66	NGC 6755	OCL 96	OPNCL	AQL	19 07.8	+04 16	7,5	99,9	15.0 m		IV 2 m	Cl,vL,vRi,pC,*12...14
66	NGC 6756	OCL 99	OPNCL	AQL	19 08.7	+04 42	10,6	99,9	4.0 m		I 2 m	Cl,S,Ri,IC,*11...12
66	NGC 6781	PK 41-2.1	PLNNB	AQL	19 18.5	+06 32	11,8	12,8	111 s	109 s	3b(3)	F,L,R,vsbM disc
42	NGC 6802	OCL 114	OPNCL	VUL	19 30.6	+20 16	8,8	99,9	3.2 m		III 1 m	Cl,L,vC,E0,st14...18
90	NGC 6818	PK 25-17.1	PLNNB	SGR	19 44.0	-14 09	10	7	22 s	15 s	4	B,vS,R
42	NGC 6823	OCL 124	OPNCL	VUL	19 43.2	+23 18	7,1	99,9	12.0 m		I 3 p n	Cl,cRi,E,st11...12
18	NGC 6826	PK 83+12.1	PLNNB	CYG	19 44.8	+50 32	8,8	6,9	27 s	24 s	3a(2)	Planetary,B,pL,R,*11m
42	NGC 6830	OCL 125	OPNCL	VUL	19 51.0	+23 06	7,9	99,9	12.0 m		II 2 p	Cl,L,pRi,pC,*11...12
42	NGC 6834	OCL 134	OPNCL	CYG	19 52.2	+29 24	7,8	99,9	5.0 m		II 2 m	Cl,P,IC,*11...12
17	NGC 6866	OCL 183	OPNCL	CYG	20 03.9	+44 10	7,6	99,9	7.0 m		II 2 m	Cl,L,vRi,cC
41	NGC 6882		ASTER	VUL	20 11.9	+26 40	8,1	99,9	18.0 m		II 2 p	Cl,P,IC
41	NGC 6885	OCL 152	OPNCL	VUL	20 11.9	+26 29	8,1	99,9	7.0 m		III 2 p	Cl,vB,vL,Ri,IC,*6..11
41	NGC 6905	PK 61-9.1;H IV 16	PLNNB	DEL	20 22.4	+20 06	12	10	44 s	38 s	3(3)	B,pS,R,4S* nr
17	NGC 6910	OCL 181	OPNCL	CYG	20 23.2	+40 47	7,4	99,9	8 m		I 2 p n	Cl,pB,pS,P,pC,*20.12
65	NGC 6934	GCL 117	GLOCL	DEL	20 34.2	+07 24	8,9	99,9	2 m		VIII	B,L,R,rrr,*16...
17	NGC 6939	OCL 217	OPNCL	CEP	20 31.5	+60 40	7,8	99,9	8.0 m		I 1 m	Cl,pL,eRi,pCM,*11..16
41	NGC 6940	OCL 141	OPNCL	VUL	20 34.4	+28 17	6,3	99,9	31 m		III 2 m	Cl,vB,vL,vRi,cC
17	NGC 6946	UGC 11597	GALXY	CEP	20 34.9	+60 09	8,8	13,8	11.2 m	9.8 m	SBc	vF,vL,vg,vsbM,rr
16	NGC 7000	LBN 373	BRTNB	CYG	21 01.8	+44 12	4	99,9	120 m	30 m	E	F,eeL,dif nebulosity
40	NGC 7006	GCL 119	GLOCL	DEL	21 01.5	+16 11	10,6	99,9	2.8 m		I	B,pL,R,gbM

Chart No.	Object	Other	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	SUBR	Size max	Size min	Class	NGC Description
16	NGC 7008	PK 93+5.2	PLNNB	CYG	21 00.5	+54 33	12	11,8	86 s	69 s	3	cB,L,E45,r,** att
64	NGC 7009	PK 37-34.1	PLNNB	AQR	21 04.2	-11 22	8,3	6,2	28 s	23 s	4(6)	!!! vB,S,elliptic
16	NGC 7044	OCL 198	OPNCL	CYG	21 12.9	+42 29	12	99,9	6 m		II 2 R	Cl,vF,pL,vRi,vC,st 15...18
16	NGC 7062	OCL 205	OPNCL	CYG	21 23.5	+46 23	8,3	99,9	7.0 m		III 1 p	Cl,pS,pRi,pC,st13...
16	NGC 7086	OCL 214	OPNCL	CYG	21 30.5	+51 36	8,4	99,9	9.0 m		II 2 m	Cl,cL,vRi,pC,*11..16
16	NGC 7128	OCL 218	OPNCL	CYG	21 44.0	+53 43	9,7	99,9	3.1 m		II 3 m	Cl,S,pRi,has a ruby *9.5
3	NGC 7142	OCL 241	OPNCL	CEP	21 45.2	+65 46	9,3	99,9	4.3 m		II 2 r	Cl,cL,cRi,pC,*11..14
3	NGC 7160	OCL 236	OPNCL	CEP	21 53.7	+62 36	6,1	99,9	7.0 m		II 3 p	Cl,P,vIC
15	NGC 7209	OCL 215	OPNCL	LAC	22 05.1	+46 29	7,7	99,9	25.0 m		III 1 p	Cl,L,cRi,pC,st9...12
39	NGC 7217	UGC 11914	GALXY	PEG	22 07.9	+31 22	10,1	12,7	4 m	3.4 m	Sb	B,pL,gbM,er
15	NGC 7243	OCL 221	OPNCL	LAC	22 15.1	+49 54	6,4	99,9	21.0 m		IV 2 p	Cl,L,P,IC,st vL
15	NGC 7296	OCL 228	OPNCL	LAC	22 28.2	+52 17	9,7	99,9	4.0 m		III 2 p	Cl,iR,IC,st vS
39	NGC 7331	UGC 12113	GALXY	PEG	22 37.1	+34 25	9,5	13,3	10.2 m	4.2 m	SBc	B,pL,pmE163,smbM
15	NGC 7380	OCL 244	OPNCL	CEP	22 47.3	+58 08	7,2	99,9	12.0 m		III 3 p n	Cl,pL,pRi,IC,*9...13
38	NGC 7448	UGC 12294	GALXY	PEG	23 00.1	+15 59	11,7	12,9	2.6 m	1.2 m	Sbc	pB,L,E173,vgbM,*11 f 2.5'
38	NGC 7479	UGC 12343	GALXY	PEG	23 04.9	+12 19	10,9	13,4	4 m	3.1 m	SBbc	pB,cL,mE12,bet 2 st
14	NGC 7510	OCL 256	OPNCL	CEP	23 11.5	+60 34	7,9	99,9	4.0 m		II 2 m n	Cl,pRi,pC,fan-sh,*pB
62	NGC 7606	MCG - 2-59- 12	GALXY	AQR	23 19.1	-08 29	10,8	13,3	4.2 m	2.3 m	Sbc	pF,cL,pmE0
14	NGC 7662	PK 106-17.1	PLNNB	AND	23 25.9	+42 32	8,6	5,6	17 s	14 s	4(3)	!!! Planetary or annular neb,vB,pS,R,blue
14	NGC 7686	OCL 251	OPNCL	AND	23 30.1	+49 08	5,6	99,9	15.0 m		IV 1 p	Cl,P,IC,st 7...11
86	NGC 7723	MCG - 2-60- 5	GALXY	AQR	23 39.0	-12 58	11,2	13,3	3.5 m	2.2 m	SBb	cB,cL,E,gmbM,r
86	NGC 7727	MCG - 2-60- 8	GALXY	AQR	23 39.9	-12 18	10,6	13,5	4.7 m	4.1 m	SBap	pB,pL,iR,mbM
14	NGC 7789	OCL 269	OPNCL	CAS	23 57.4	+56 43	6,7	99,9	16 m		II 1 r	Cl,vL,vRi,vmC,st 11...18
14	NGC 7790	OCL 276	OPNCL	CAS	23 58.4	+61 13	8,5	99,9	17 m		III 2 p	Cl,pRi,pC
61	NGC 7814	UGC 8	GALXY	PEG	00 03.2	+16 09	10,6	13,2	4.7 m	2.4 m	Sab	cB,cL,E,vgbM

Galaxies -----Hubble type for galaxies-----

E elliptical, E0 is roundest to E7 is flattest
subgroups; 'd'is dwarf, 'c'is supergiant, 'D' has diffuse halo

S Spiral, 'a' has tightly wound arms, 'b' has moderately wound arms and 'c' has loosely wound arms

SB Spiral with central bar

Ir Irregular

NGC Visual Description

! remarkable object
!! very remarkable object
11m 11th magnitude
8… 8th mag and fainter
9...13 9th to 13th magnitude
am among
att attached
B bright
b brighter
bet between
C compressed
c considerably
Cl cluster
D double
def defined
deg degrees
diam diameter
dif diffuse
E elongated
e extremely
er easily resolved

F faint
f following
g gradually
iF irregular figure
inv involved
irr irregular
L large
l little
M middle
m much
mag magnitude
n north
N nucleus

neb nebula, nebulosity
nf north following
np north preceding
p pretty (before F,B,L,S)
p preceding
P poor
P w paired with
R round
r not well resolved
Ri rich
rr partially resolved
rrr well resolved
S small
s suddenly
s south
sc scattered
sf south following
sp south preceding
st star or stellar
susp suspected
v very
var variable

Chart No.	Numero di pagina dell'atlante di Taki mag.8,5
Object	Sigla del catalogo NGC
Other	Sigla di altri cataloghi
Type	Tipologia dell'oggetto (vedi note1)
Con.	Costellazione
R.A.(h m)	Coordinate di ascensione retta in ore e minuti
Dec.(° ')	Coordinate di declinazione in gradi e primi d'arco
Mag.	Magnitudine apparente
SUBR	Magnitudine superficiale (luminosità per secondi d'arco quadrato)
Size max	Dimensione massima dell'oggetto
Size min	Dimensione minima dell'oggetto
Class	(vedi note2)
NGC Visual Description	(vedi note3)

Note 1
Type

ASTER Asterism	GX+GC Globular Cluster in a Galaxy	PLNNB Planetary Nebula
BRTNB Bright Nebula	G+C+N Cluster with Nebulosity in a Galaxy	SMCCN Cluster with Nebulosity in the SMC
CL+NB Cluster with Nebulosity	LMCCN Cluster with Nebulosity in the LMC	SMCDN Diffuse Nebula in the SMC
DRKNB Dark Nebula	LMCDN Diffuse Nebula in the LMC	SMCGC Globular Cluster in the SMC
GALCL Galaxy cluster	LMCGC Globular Cluster in the LMC	SMCOC Open cluster in the SMC
GALXY Galaxy	LMCOC Open cluster in the LMC	SNREM Supernova Remnant
GLOCL Globular Cluster	NONEX Nonexistent	QUASR Quasar
GX+DN Diffuse Nebula in a Galaxy	OPNCL Open Cluster	#STAR # Stars (#=1, 2, 3, 4, 5, etc.)

Note 2
Class

Open Clusters ----Trumpler type for open clusters-----

Concentration	Range in brightness	Richness
I. Detached, strong concentration toward the center	1. Small range	p Poor (<50 stars)
II. Detached, weak concentration toward the center	2. Moderate range	m Moderately rich (50-100 stars)
III. Detached, no concentration toward the center	3. Large range	r Rich (>100 stars)
IV. Not well detached from surrounding star field		(3) Nebulosity
		An "n" following the Trumpler type denotes nebulosity in cluster

Globular Clusters ----Shapley-Sawyer concentration rating for globular clusters---
Concentration
The values range from 1 to 12, smaller numbers are more concentrated clusters.

Planetary Nebulae ----Vorontsov-Velyaminov type for planetary nebulae-----
1. Stellar
2. Smooth disk (a, brighter center; b, uniform brightness; c, traces of ring structure)
3. Irregular disk (a, very irregular brightness distribution; b, traces of ring structure)
4. Ring structure
5. Irregular form similar to diffuse nebula
6. Anomalous form, no regular structure
Some very complex forms may combine two types.

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Note 3

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E elongated
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F faint
f following
g gradually
iF irregular figure
inv involved
irr irregular
L large
l little
M middle
m much
mag magnitude
n north
N nucleus

neb nebula, nebulosity
nf north following
np north preceding
p pretty (before F,B,L,S)
p preceding
P poor
P w paired with
R round
r not well resolved
Ri rich
rr partially resolved
rrr well resolved
S small
s suddenly
s south
sc scattered
sf south following
sp south preceding
st star or stellar
susp suspected
v very
var variable