

OBJECT INDEX

A

AREAS

Bok (in LMC)	561
Carina	220
Galactic Bulge	529, 637
Galactic Equator	529
Galactic Pole	142
See NGP, SGP	
Orion	312
Trapezium	312, 315
SA 127	519-20
Sagittarius	4
Sagittarius-Scorpius	14-5
South Galactic Pole	140, 468
North Galactic Pole	429

C

CLUSTERS (Galactic)

Globular	
121SC03 = ESO 121-03	598
AM-1 = E 1	39, 68-9, 167
AM-4	68-9
E 3	66, 68-9, 167
Eridanus	39, 69
IC 4499	591-2
M 02 See NGC 7089	
M 03 See NGC 5272	
M 04 See NGC 6121	
M 05 See NGC 5904	
M 09 See NGC 6333	
M 10 See NGC 6254	
M 12 See NGC 6218	
M 13 See NGC 6205	
M 14 See NGC 6405	
M 15 See NGC 7078	
M 22 See NGC 6656	
M 28 See NGC 6626	
M 30 See NGC 7099	
M 53 See NGC 5024	
M 55 See NGC 6809	
M 56 See NGC 6779	
M 62 See NGC 6266	
M 68 See NGC 4596	
M 70 See NGC 6681	
M 71 See NGC 6838	
M 79 See NGC 1904	
M 80 See NGC 6093	
M 92 See NGC 6341	
M107 See NGC 6171	
NGC 0104 = 47 Tuc	41, 43, 62, 66 70, 77, 79, 81-7 89, 92, 97, 99, 101 106, 111, 115-6, 119 125, 127, 131, 198 223, 225, 355, 446 454, 464, 471, 485-6 488, 497, 525-6, 533 561, 583, 629-30 633-4, 650-1, 653 663, 664, 684, 688-9 703

NGC 0288	41, 65, 81, 87 507-8, 619, 662
NGC 0362	41, 87, 92, 103 125, 127, 425, 429 525-6, 656
NGC 1261	656
NGC 1851	65, 223, 356, 361 425, 429, 505-6, 562 634, 656, 684
NGC 1904 = M 79	65, 501-2, 562 634
NGC 1960	599
NGC 2298	561-2, 633-4
NGC 2419	39, 65, 203
NGC 2808	65, 103, 142, 513 562, 634, 656
NGC 3201	86, 103, 142, 562 629-30, 634
NGC 4147	51, 525-6 662
NGC 4372	562, 634
NGC 4590 = M 68	113-6, 118-9 488, 562, 634
NGC 4833	65, 87, 142 513, 706
NGC 5024 = M 53	425, 429, 525
NGC 5033	66, 77, 598, 619 620, 677, 706
NGC 5139 = W Cen	65-6, 77, 80, 94 95, 99, 100, 102-3 106, 127, 221, 355 356, 364, 419, 422 464, 503, 534, 561-2 626, 629-30, 631-4 648, 650, 663-4 679-0, 681, 687-9 703, 706-7
NGC 5272 = M 03	77, 80, 87, 218 312, 425, 429, 447 450, 471, 507, 509-10 511, 523, 525, 591-2 620, 621-2, 648, 706
NGC 5466	51, 65-7, 72, 77 281, 392, 469, 525 599, 648, 662, 677-8 705-6
NGC 5824	355, 656, 703
NGC 5904 = M 05	70, 88, 103, 110-1 346, 488, 497-8 505-8, 525, 623, 648
NGC 6093 = M 80	178, 585
NGC 6121 = M 04	65, 70, 88, 98 103, 488, 493-4 505-6, 513-5, 537 561-2, 526, 633-4
NGC 6139	562, 634
NGC 6171 = M107	68, 86, 110, 662
NGC 6205 = M 13	20, 52, 64, 70, 80 88, 99, 101, 103 142, 455-6, 458-9 460-1, 469, 488 509-10, 511, 513-4 523, 525, 586
NGC 6207 = Gamale	52
NGC 6218 = M 12	70, 485-6, 525-6 619, 662

NGC 6229	72, 345	Pal 05	64, 68, 102
NGC 6254 - M 10	525, 619		110-1
NGC 6266 - M 62	345, 656	Pal 12	110-1
NGC 6273	492	Pal 13	69, 110-1
NGC 6284	65	Pal 14	39, 599
NGC 6293	65	Pal 15	430, 537
NGC 6333 - M 09	65	Open	
NGC 6341 - M 92	70, 80, 85, 91	h and X Per	567
	96-7, 103, 116	Hyades	267, 704
	120, 142, 222, 228	NGC 0752	531
	345, 469, 485-6, 507	NGC 2158	189
	509-10, <u>511</u> , 515, 523	NGC 2168 - M 35	705
	525, 583, 590, 705	NGC 2682 - M 67	80, 87, 189, <u>675</u>
NGC 6352	86		704-5, 708
NGC 6362	70, 88, 485-6	NGC 6705 - M 11	531
	561-2, 633-4	NGC 7789	531, 676
NGC 6388	357, 471, 593		
	656-8	CLUSTERS (Non-Galactic)	
NGC 6397	71, 84, 142, 388	Fornax 02	221
	456, 462-4, 531	M 31	
NGC 6402 - M 14	<u>585</u> -6, 600, 707	Bo 158	471
NGC 6441	356, 361, 684	Mayall II	342
NGC 6553	88	M 33	
NGC 6659	471, 593	C 27	198
NGC 6624	347-8, 350, 356-8	C 39	197
	360-1, 464, 656-8	H 21	198
	661-2	U 83	198
	684	M 87	
NGC 6626 - M 28	364, 662	IV 94	267
NGC 6652	471, 593	Magellanic Clouds	
NGC 6656 - M 22	64, 80, 94, 99	121SC03	160-1, 167, 171
	103, 142, 221, 355		565-6
	419, 422, 429, 493-4	E 2	159-61, 167
	515, 524, 688-9, 703	Hodge 11	153
	708	Lindsay 01	164
NGC 6681 - M 70	661-2	Lindsay 11	153, <u>575</u> , 599
NGC 6712	80, 89, 345, 356-7	Lindsay 54	574
	361, 365, 529, 537	LW 047	160, 167-8
	<u>659</u> -60	LW 177	167
	703	LW 195	167-8
NGC 6723	80, 505-6, 656	LW 207	160, 167-8
NGC 6752	64-6, 70, 99, 100	LW 255	572
	103, 127, 142, 464	NGC 0121	153-4, 164, 166
	488, 507, 509-10		555
	535, 656, 705-6	NGC 0152	555
NGC 6779 - M 56	525, 529, 537	NGC 0330	553, 596
NGC 6809 - M 55	103, 425, <u>513</u> -4	NGC 0458	565-6, 598
	<u>627</u> -8, 650, 662	NGC 1466	160-1, 165, 555
NGC 6838 - M 71	38, 43, 51, 66	NGC 1756	555
	80-1, 83, 86-7, 89	NGC 1786	166
	493, <u>497</u> -8, 515	NGC 1831	555
	529-32, 537, 657	NGC 1835	155, 166
NGC 6934	103, 525	NGC 1841	160, 165, 555
NGC 7006	72, 110, 345	NGC 1850	577
NGC 7078 - M 15	65, 70, 80-1, 89	NGC 1866	577-8
	106, 112-3, 115, 137	NGC 1868	160, 555
	218, 223-5, 345, 347-8	NGC 1987	555-6
	351-3, 356-61, 388	NGC 2070	596
	414, 485-6, 488, 507	NGC 2107	555
	525, 590, 592, 626	NGC 2108	555
	657-8, 679, 683-4	NGC 2134	555
	705-6	NGC 2136	568
NGC 7089 - M 02	223, 346, 525, 619	NGC 2137	568
NGC 7099 - M 30	<u>625</u> -6, 649, 656	NGC 2164	555, 577
Pal 03	38-9	NGC 2173	555
Pal 04	38-9, 48, 69	NGC 2209	198, 555-6

NGC 2210	153, 155, 166	644-5, 647
NGC 2213	<u>579-80</u> , 600	6, 314
NGC 2249	555	M 101
NGC 2257	153-5, 160-1, 166-7	Magellanic Clouds
NGC 5128 clusters	535	16, 20, 61, <u>151-3</u>
Reticulum System	160-1	155, <u>152</u> , 165, 167-8
		172, 202, 210, 233, 236
		322, 329, 331-2, 342
		443, 448, 472, 481
		484, 531, <u>552-4</u> , <u>555-6</u>
		559, <u>563</u> , <u>565</u> , 599
		30 Dor
		159, <u>313</u> , 596
		Constellation III
		159
		Large
		126, 155, <u>158</u> , 160-2
		171, 179, 188, 192
		194-200, 202-3, 219
		313, 315, 402-3, 407
		443, 549, 553, 555-6
		<u>557</u> , <u>561</u> , <u>567</u> , <u>571</u>
		<u>577</u> , <u>579</u> , 595-8, 600
		Bar
		159, 167, 169
		Bok Region
		<u>561</u>
		H II region
		313
		Small
		5, 160, 162, 164
		166, 169, 171, 198-200
		219, 430, 443, 481
		525, 553, 555, 559
		563-4, 569, <u>573</u> , <u>575</u>
		Stream
		50, 162
		Milky Way
		3-6, 8, 24, 29, <u>37</u>
		43, 49, 126, 138
		140-2, 153, 164
		177-80, 182, 185-8
		194, 198-9, 203-5
		207, 209, 230, 237
		239, 244, 251, 253
		284, 292, 313, 316
		321, 326, 329, 331
		340, 342, 365, 403
		423, 443-4, 448, 450
		468, 531, 536, 551
		556-7, 614, 638, 641-2
		644, 647-8
		NGC 0055
		595
		NGC 0147
		225-6, 236, 468
		NGC 0185
		236
		NGC 0205
		225-6, 236, 468
		NGC 0300
		598
		NGC 0330
		596
		NGC 0891
		614
		NGC 1399
		242, 246, 248
		NGC 1705
		314
		NGC 2070
		596
		NGC 2403
		<u>541</u>
		NGC 2683
		613-4
		NGC 3109
		<u>543</u>
		NGC 3115
		<u>615-6</u> , 646
		NGC 3379
		647
		NGC 3717
		613-4
		NGC 4278
		639
		NGC 4406
		606, 644
		NGC 4472
		606, 644
		NGC 4565
		614
		NGC 4594
		614, 639
		NGC 4874
		246-8, 252, 468
		<u>611-2</u> , 645
G		
GALAXIES (Single)		
Cen A	See NGC 5128	
Dwarf		
And I	468	
And II	468	
And III	468	
Carina	165, 217-9, 228-9	
	231-2, 235	
Draco	64, 66, 77, 116	
	119-20, 217-9, 222	
	225-32, 235, <u>581</u>	
	584, 592	
Fornax	24, 32, 217, 219	
	221, 223, 225-9	
	231-2, 235, 239-40	
	242, 312, 443	
	<u>583-4</u>	
Leo	217	
Leo I	219, 229	
Leo II	218-9, 229	
Sculptor	24, 32, 66, 77	
	217, -9, 221, 223-6	
	228-32	
Ursa Minor	66, 217-9, 221-2	
	225-32, 235	
Virgo Cluster	261-2	
I Zw 18	314	
IC 1613	550	
IC 3475, Virgo Cluster	603	
M 31 - Andromeda	6, 23-4, 26-7, 29	
	31, <u>173-4</u> , 176-82	
	185-88, 195-8, 205	
	207, 217, 225-6, 237	
	244, 256, 277, 306	
	342, 345, 443, 449-50	
	453, 468, 470-2, 547	
	549, 550, 551, 569-70	
	595-6	
	599, 614, 647	
M 32	277, 306, 378	
M 33	179, 186, <u>187</u>	
	188-200, 202-4	
	210, 251, 313	
	443, 549, 595-6	
M 49, Virgo Cluster	242, 252, 264	
	305-6, 309-10	
M 81	595	
M 82	314	
M 87 - NGC 4486	210, 215, 239, 241-8	
	252, <u>255-60</u> , 262-4	
	267, 301-2, 304, 306	
	309-10, 321, 328-9	
	469-70, 546, 603-4	
	<u>605-6</u> , <u>607</u> , <u>609</u>	
	639	

NGC 4889		246-7, 252			
NGC 5128 = Cen A	205-12,	215-6, 244		Dra, SW	587-90
	535,	543-6, 595		For, SS	587-8
NGC 5170		613-4, 646		Gem, U	688
NGC 5866		613-4		HD 025329	114
NGC 5907		613-4, 646		HD 02935 = Eri, 49	501
NGC 6166		472		HD 064090	114
NGC 6822		550		HD 103095	114, 136
NGC 7814	242, 251,	613-4		HD 134439	114
Virgo Cluster				HD 134440	114
VCC 1185		604		HD 161817	512
VCC 1348		604		HD 201891	114
VCC 1539		604		HR 5340 = Alp Boo = Arcturus	495-6
					498, 533
GALAXIES (Clusters of)				Ind, Nu	136
Coma	237, 239,	246-7		Leo, AQ	592
	252, 309,	468, 611-2		Phe, RV	587-8
		645		Planetary Nebula	
Fornax		246		49+88 1	137
Hydra I		246		61+14 1	137
Local Group	245, 313,	646		108-76 1	137
Virgo	148, 239-40,	242		M 15 K 648	137
	244-7, 252, 255-7			Ser, VY	589
	259-62, 300, 305			Sgr, V 440	587-8
	328, 342, 603, 605			Thorne-Zytkov Objects	365
		643, 645-6			
S				STARS (in Clusters)	
SOLAR SYSTEM				M 03 = NGC 5272	
Earth		63		IV 18	512
Jupiter		322		182	511-2
Saturn		3		M 05 = NGC 5904	
Sun	4, 37, 322,	448		III 18	498
	519-20, 529,	660		IV 34	498
SOURCE				M 13 = NGC 6205	
X-Ray				II 67	99
4U1916-05		360		II 76	99
4U2127+49		351		16	511-2
Cyg, X-3		351		M 14 = NGC 6402	
HCA		688		Nova	585-6, 600
Her, X1		683		M 15 = NGC 7078	
HGO		688		I 51	353
M 15 AC 211	351, 353,	356, 683		M 22 = NGC 6656	
M 15 4U2127+12		351		III 3	493-4
NGC 6624 4U1820-30		350-1		IV 102	493-4
				M 71 = NGC 6838	
				56	498
				95	498
STARS (in Galactic Field)				M 79 = NGC 1904	
1823-37		683		Star A	502, 511
2129+47		683		M 92 = NGC 6341	
And, S		587		II 26	511-2
And, SW	587-8,	600		NGC 0104 = 47 Tuc	
Ari, X	589-90			V9	81
Cap, YZ	587-8			NGC 5466	
Cas, A	468			V19	219, 677
Cas, Mu	137			NGC 5139 = W Cen	
Cen, Z	6			II 67	101
Cep, Del	4			E 39	66, 681
Cet, XZ	236			NJL 220	681
Cordoni and Aurière				ROA 001	687
210	502			ROA 002	687
214	502			ROA 004	687
Cyg, Eps	497			ROA 043	101-2
Del, Alp	502			ROA 053	101-2
Dra, CM	138			ROA 100	101-2

ROA 150	101-2
ROA 253	219
ROA5701	687
NGC 6752	
CL 025	100
CL 166	100