

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
3	-22d06m30s	03h42m49.1s	AM 0340-221	NGC 1426	13.1	2.6 x 1.7	Eridanus	312	156	355 Vol I
4	-22d16m04s	10h21m57.4s	AM 1019-220	NGC 3233	13.5	1.7 x 0.9	Hydra	324	151	875 Vol 2
5	-22d21m17s	09h17m52.9s	AM 0915-220	NGC 2835	11	6.6 x 4.4	Hydra	322	152	879 Vol 2
6	-22d22m03s	14h38m26.7s	AM 1435-220	IC 4468	13.8	2.2 x 0.6	Libra	332	148	863 Vol 2
7	-22d33m52s	03h40m56.8s	AM 0338-224	NGC 1415	12.8	3.5 x 1.8	Eridanus	312	156	355 Vol I
8	-22d40m03s	01h30m29.1s	AM 0128-225	NGC 578	11.4	4.9 x 3.1	Cetus	308	158	362 Vol I
9	-22d49m35s	09h59m29.5s	AM 0957-223	NGC 3081	12.9	2.1 x 1.6	Hydra	324	152	877 Vol 2
10	-22d50m18s	06h24m35.9s	AM 0622-224	NGC 2223	12.4	3.2 x 2.8	Canis Major	317	154	347 Vol I
11	-22d50m58s	12h06m07.2s	AM 1203-223	MCG -04-29-006	13	2.9 x 2.1	Corvus	328	150	870 Vol 2
12	-22d51m28s	13h07m44.9s	AM 1305-223	MCG -04-31-035	14.4	3 x 0.5	Hydra	330	149	867 Vol 2
13	-22d52m02s	03h02m37.6s	AM 0300-230	NGC 1187	11.7	5.5 x 4.1	Eridanus	311	157	357 Vol I
14	-22d56m48s	05h42m00.6s	AM 0539-225	MCG -04-14-011	13.4	2.8 x 0.6	Lepus	316	155	349 Vol I
15	-22d58m25s	08h33m22.8s	AM 0831-224	NGC 2613	11.2	7.2 x 1.8	Pyxis	321	153	881 Vol 2
16	-23d01m40s	03h38m29.8s	AM 0336-231	NGC 1395	11	5.9 x 4.5	Eridanus	312	156	356 Vol I
17	-23d05m12s	11h03m23.8s	AM 1100-224	NGC 3511	11.5	5.8 x 2	Crater	326	151	873 Vol 2
18	-23d09m41s	09h23m30.2s	AM 0921-225	NGC 2865	12.6	2.5 x 1.8	Hydra	323	152	878 Vol 2
19	-23d09m51s	11h53m57.1s	AM 1151-225	NGC 3955	12.9	2.9 x 0.9	Crater	327	150	871 Vol 2
20	-23d09m59s	12h29m21.2s	AM 1226-225	NGC 4462	13.1	3.2 x 1.2	Corvus	328	150	869 Vol 2
21	-23d10m55s	00h14m04.0s	AM 0011-232	NGC 45	11.6	8.5 x 5.9	Cetus	305	141	366 Vol I
22	-23d13m34s	01h26m33.9s	AM 0124-232	ESO 476- G008	13.4	1.9 x 1.8	Cetus	308	158	362 Vol I
23	-23d14m44s	11h03m46.1s	AM 1101-225	NGC 3513	11.9	2.8 x 2.2	Crater	326	151	873 Vol 2
24	-23d18m36s	05h34m01.1s	AM 0531-232	NGC 1979	12.8	2.2 x 1.8	Lepus	315	155	350 Vol I
25	-23d23m02s	13h09m47.7s	AM 1307-230	NGC 4993	13.3	1.3 x 1.1	Hydra	330	149	867 Vol 2
26	-23d24m54s	02h09m18.1s	AM 0207-233	ESO 478- G006	13.2	1.8 x 1	Cetus	309	157	360 Vol I
27	-23d38m00s	09h16m19.7s	AM 0914-232	NGC 2815	12.8	3.5 x 1.1	Hydra	322	152	879 Vol 2
28	-23d39m32s	10h50m58.3s	AM 1048-232	ESO 501- G102	13.3	1.4 x 1.1	Hydra	325	151	874 Vol 2
29	-23d40m20s	06h01m08.0s	AM 0559-234	NGC 2139	12	2.6 x 1.9	Lepus	316	154	348 Vol I
30	-23d43m33s	11h09m53.4s	AM 1107-232	IC 2627	12.6	2.7 x 2.3	Crater	326	151	873 Vol 2
31	-24d04m07s	15h18m36.5s	AM 1515-235 NED02	NGC 5903	12.2	2.7 x 2.1	Libra	334	148	861 Vol 2
32	-24d05m53s	15h18m13.5s	AM 1515-235 NED01	NGC 5898	12.5	2.2 x 2.0	Libra	334	148	861 Vol 2
33	-24d10m21s	09h12m19.5s	AM 0910-235	NGC 2784	11.3	5.5 x 2.2	Pyxis	322	152	979 Vol 2
34	-24d12m26s	13h32m53.4s	AM 1330-235	IC 4280	13.5	1.1 x 0.9	Hydra	330	149	866 Vol 2
35	-24d17m19s	02h26m22.4s	AM 0224-243	ESO 479-G004	12.9	2.7 x 1.4	Fornax	310	157	359 Vol I
36	-24d26m25s	13h20m17.7s	AM 1317-241	NGC 5085	13	3.4 x 3.0	Hydra	330	149	866 Vol 2
37	-24d27m39s	14h43m33.9s	AM 1440-241 W	ESO 512- G018	13	2.6 x 1.5	Libra	333	148	862 Vol 2

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	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
38	-24d30m05s	03h37m28.3s	AM 0335-244	NGC 1385	11.8	3.4 x 2	Fornax	312	156	356 Vol I
39	-24d34m07s	12h01m07.2s	AM 1158-241	ESO 505-G003	14.1	3 x 0.3	Corvus	328	150	870 Vol 2
40	-24d37m57s	22h00m30.6s	AM 2157-245	NGC 7167	12.9	1.7 x 1.3	Aquarius	346	142	1380 Vol 3
41	-24d40m42s	22h20m44.8s	AM 2217-245	NGC 7252	12.7	1.9 x 1.6	Aquarius	347	142	1379 Vol 3
42	-24d45m01s	08h57m06.8s	AM 0854-243	ESO 496- G022	13.9	1.7 x 1.4	Pyxis	322	152	880 Vol 2
43	-24d45m15s	10h35m23.2s	AM 1033-242	UGCA 212	13.2	3.5 x 2.8	Hydra	325	151	875 Vol 2
44	-24d47m17s	02h25m04.4s	AM 0222-250	NGC 922	12.5	1.9 x 1.6	Fornax	310	157	359 Vol I
45	-24d49m38s	14h04m46.3s	AM 1401-243 NED02	MCG -04-33-040	13.6	2.5 x 2.1	Hydra	331	148	864 Vol 2
46	-24d50m27s	22h28m38.0s	AM 2225-250 NED02	NGC 7285	12.8	2.3 x 1.8	Aquarius	347	142	1379 Vol 3
47	-24d50m39s	22h28m35.9s	AM 2225-250 NED01	NGC 7284	13	1.2 x 0.7	Aquarius	347	142	1379 Vol 3
48	-24d55m59s	03h35m01.3s	AM 0332-250	NGC 1371	11.6	5.6 x 3.9	Fornax	312	156	356 Vol I
49	-24d57m47s	00h09m56.5s	AM 0007-251	NGC 24	12.4	5.8 x 1.3	Sculptor	305	141	366 Vol I
50	-25d09m43s	10h48m23.4s	AM 1045-245	NGC 3393	13.1	2.2 x 2	Hydra	325	151	874 Vol 2
51	-25d19m10s	10h37m25.4s	AM 1035-250	NGC 3313	12.4	3.9 x 3.2	Hydra	325	151	875 Vol 2
52	-25d22m28s	00h35m47.1s	AM 0033-253	IC 1558	12.6	3.4 x 2.5	Sculptor	306	141	365 Vol I
53	-25d29m58s	08h18m45.6s	AM 0816-252	NGC 2566	11.8	4.1 x 2.9	Puppis	321	153	882 Vol 2
54	-25d43m31s	03h13m32.0s	AM 0311-255	NGC 1255	12.1	4.2 x 2.6	Fornax	311	157	357 Vol I
55	-25d46m36s	14h40m11.4s	AM 1437-253	ESO 512- G012	14.3	3.0 x 0.3	Hydra	333	148	862 Vol 2
56	-25d50m08s	03h18m32.8s	AM 0316-260	MCG -04-08-057	13.5	2.9 x 1	Fornax	311	157	357 Vol I
57	-25d50m45s	13h38m57.1s	AM 1336-253	IC 4310	13.3	2.2 x 0.8	Hydra	331	149	866 Vol 2
58	-26d03m01s	22h35m46.2s	AM 2233-261	NGC 7314	11.9	4.6 x 2.1	Piscis Austrinus	347	142	1379 Vol 3
59	-26d04m00s	12h20m10.1s	AM 1217-254	ESO 506- G002	14.8	3 x 0.3	Hydra	328	150	869 Vol 2
60	-26d05m25s	12h51m45.8s	AM 1249-254	ESO 507- G028	13.7	1.4 x 0.7	Hydra	329	149	868 Vol 2
61	-26d08m45s	22h13m07.8s	AM 2210-262	NGC 7225	13.2	2 x 1	Piscis Austrinus	347	142	1380 Vol 3
62	-26d09m34s	10h03m06.9s	AM 1000-255 NED02	NGC 3109	10.4	19.1 x 3.7	Hydra	324	151	876 Vol 2
63	-26d19m01s	10h37m29.1s	AM 1035-260	ESO 501- G051	13	2.7 x 1.5	Hydra	325	151	875 Vol 2
64	-26d20m16s	03h38m52.1s	AM 0336-263	NGC 1398	10.6	7.1 x 5.4	Fornax	312	156	356 Vol I
65	-26d24m34s	08h36m15.2s	AM 0834-261	ESO 495- G021	12.5	1.9 x 1.4	Pyxis	321	153	881 Vol 2
66	-26d38m41s	14h19m22.4s	AM 1416-262	ESO 511- G030	13.3	2.5 x 1.8	Hydra	332	148	864 Vol 2
67	-26d41m56s	10h19m33.8s	AM 1017-262	NGC 3203	13.1	2.9 x 0.6	Hydra	324	151	876 Vol 2
68	-26d42m18s	07h11m40.4s	AM 0709-263	ESO 492- G002	13	2.1 x 1.5	Canis Major	318	154	345 Vol I
69	-26d44m12s	11h25m12.8s	AM 1122-262	NGC 3673	12.3	3.6 x 2.4	Hydra	326	150	872 Vol 2
70	-26d45m18s	11h13m17.1s	AM 1110-262	NGC 3585	10.9	4.7 x 2.6	Hydra	326	151	873 Vol 2
71	-26d45m56s	06h15m59.8s	AM 0614-264	NGC 2206	12.9	2.4 x 1.3	Canis Major	317	154	348 Vol I
72	-26d46m50s	13h55m04.3s	AM 1352-263	ESO 510- G013	13.4	1.9 x 1.3	Hydra	331	149	865 Vol 2

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	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
73	-26d50m14s	13h18m05.1s	AM 1315-263	NGC 5061	11.4	3.5 x 3.0	Hydra	330	149	867 Vol 2
74	-26d55m37s	09h58m24.6s	AM 0956-264 NED01	NGC 3078	12.1	2.5 x 2.1	Hydra	324	152	877 Vol 2
75	-27d01m40s	10h03m41.8s	AM 1001-264	MCG -04-24-014	13.3	3.2 x 1.3	Hydra	324	151	899 Vol 2
76	-27d04m54s	10h37m47.4s	AM 1035-264	IC 2597	12.8	2.6 x 1.8	Hydra	325	151	897 Vol 2
77	-27d07m44s	09h59m06.4s	AM 0956-265	NGC 3084	13.2	1.7 x 1.2	Antlia	324	152	899 Vol 2
78	-27d14m01s	06h21m39.8s	AM 0619-271	NGC 2217	11.7	4.5 x 4.2	Canis Major	317	154	371 Vol I
79	-27d14m48s	22h33m16.5s	AM 2230-273 NED01	NGC 7306	13.4	1.7 x 0.7	Piscis Austrinus	347	142	1402 Vol 3
80	-27d24m36s	13h19m50.0s	AM 1317-270	NGC 5078	11.8	4 x 1.9	Hydra	330	149	890 Vol 2
81	-27d25m50s	13h21m46.2s	AM 1319-271	NGC 5101	11.6	5.4 x 4.6	Hydra	330	149	890 Vol 2
82	-27d26m35s	02h39m03.5s	AM 0236-273	IC 1826	13.2	1.7 x 1.4	Fornax	310	157	381 Vol I
83	-27d27m16s	10h33m35.8s	AM 1031-271	NGC 3285	13.1	2.6 x 1.5	Hydra	325	151	897 Vol 2
84	-27d27m21s	08h17m06.1s	AM 0815-271	NGC 2559	11.7	4.1 x 2.1	Puppis	321	153	904 Vol 2
85	-27d27m34s	06h42m41.3s	AM 0640-272	NGC 2272	12.7	2.5 x 1.6	Canis Major	318	154	370 Vol I
86	-27d27m50s	22h14m39.9s	AM 2211-274	ESO 467- G027	13.4	1.5 x 0.7	Piscis Austrinus	347	142	1403 Vol 3
87	-27d28m01s	12h53m10.7s	AM 1250-271	ESO 507- G037	14.3	1.1 x 0.3	Hydra	329	149	891 Vol 2
88	-27d31m42s	08h06m11.1s	AM 0804-272	ESO 494- G026	12.5	4 x 2.8	Puppis	320	153	904 Vol 2
89	-27d31m42s	10h36m42.8s	AM 1034-271 NED02	NGC 3311	12.7	3.5 x 2.9	Hydra	325	151	897 Vol 2
90	-27d33m29s	22h13m31.3s	AM 2210-274	ESO 467- G023	13.7	1.6 x 0.4	Piscis Austrinus	347	142	1380 Vol 3
91	-27d33m54s	10h37m02.5s	AM 1034-271 NED03	NGC 3312	12.7	3.3 x 1.3	Hydra	325	151	897 Vol 2
92	-27d34m15s	10h03m51.9s	AM 1001-272	IC 2537	12.8	2.6 x 1.7	Antlia	324	151	899 Vol 2
93	-27d38m19s	06h44m49.1s	AM 0642-273	NGC 2280	10.9	6.3 x 3.1	Canis Major	318	154	370 Vol I
94	-27d46m37s	10h40m17.0s	AM 1037-273	NGC 3336	13	1.9 x 1.5	Hydra	366	169	897 Vol 2
95	-27d48m13s	00h34m15.5s	AM 0031-280B	NGC 150	12	3.9 x 1.9	Sculptor	306	141	387 Vol I
96	-27d48m34s	22h09m07.7s	AM 2206-280	NGC 7214	13.1	2.2 x 1.4	Piscis Austrinus	347	142	1404 Vol 3
97	-27d55m20s	11h46m46.5s	AM 1144-273	NGC 3885	11.9	2.4 x 1	Hydra	327	150	894 Vol 2
98	-28d13m41s	13h07m09.4s	AM 1304-275	NGC 4965	12.8	2.6 x 2.0	Hydra	370	149	890 Vol 2
99	-28d17m35s	11h48m45.6s	AM 1146-280	MCG -05-28-007	13	2.5 x 2.2	Hydra	368	150	894 Vol 2
100	-28d17m53s	09h54m32.9s	AM 0952-280	NGC 3056	12.6	1.8 x 1.1	Antlia	365	152	899 Vol 2
101	-28d19m53s	09h59m36.7s	AM 0957-280	NGC 3089	13.2	1.8 x 1	Antlia	365	152	899 Vol 2
102	-28d21m27s	23h13m14.0s	AM 2310-283B	NGC 7513	13.1	3.2 x 2.1	Sculptor	385	142	1401 Vol 3
103	-28d26m39s	10h04m26.1s	AM 1002-281	NGC 3113	13.3	3.3 x 1.2	Antlia	365	151	899 Vol 2
104	-28d28m37s	10h59m00.2s	AM 1056-281	NGC 3483	13.1	1.8 x 1.3	Hydra	366	151	896 Vol 2
105	-28d32m23s	23h12m07.6s	AM 2309-284	NGC 7507	12.2	2.8 x 2.7	Sculptor	385	142	1401 Vol 3
106	-28d37m19s	09h58m46.2s	AM 0956-282	ESO 435- G016	13.4	1.7 x 1.1	Antlia	365	152	899 Vol 2
107	-28d38m30s	13h09m10.1s	AM 1306-282	NGC 4980	13.5	1.7 x 0.7	Hydra	370	149	890 Vol 2

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1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
108	-28d41m17s	14h23m55.0s	AM 1421-282 NED01	NGC 5592	13.5	1.5 x 0.8	Hydra	372	148	887 Vol 2
109	-28d41m50s	07h02m40.4s	AM 0700-283	NGC 2325	12.4	3.3 x 1.9	Canis Major	361	164	369 Vol I
110	-28d48m22s	11h51m01.8s	AM 1148-283	NGC 3923	10.8	5.9 x 3.9	Hydra	368	150	894 Vol 2
111	-28d52m19s	10h14m42.1s	AM 1012-283	NGC 3175	12.1	5 x 1.3	Antlia	365	151	898 Vol 2
112	-29d03m52s	10h09m07.5s	AM 1006-284	NGC 3137	12.1	6.3 x 2.2	Antlia	363	151	899 Vol 2
113	-29d14m30s	14h20m34.1s	AM 1417-290	NGC 5556	12.4	4.0 x 3.2	Hydra	372	148	887 Vol 2
114	-29d25m06s	01h34m18.2s	AM 0132-294	NGC 613	13.5	5.5 x 4.2	Sculptor	352	158	384 Vol I
115	-29d30m11s	12h56m12.4s	AM 1253-291	NGC 4806	13.4	1.2 x 1.0	Hydra	369	167	891 Vol 2
116	-29d36m01s	12h59m45.9s	AM 1257-291	ESO 443- G021	14.4	1.9 x 0.3	Hydra	369	167	891 Vol 2
117	-29d37m04s	09h59m55.5s	AM 0957-292	IC 2531	12.9	7.5 x 0.9	Antlia	365	170	899 Vol 2
118	-29d37m05s	13h27m54.3s	AM 1325-292 NED02	NGC 5153	12.8	2.1 x 1.4	Hydra	370	167	889 Vol 2
119	-29d37m07s	13h27m51.1s	AM 1325-292 NED01	NGC 5152	13.3	2.0 x 0.6	Hydra	370	167	889 Vol 2
120	-29d42m13s	20h43m34.4s	AM 2040-295	IC 5007	12.6	2.6 x 1.5	Microscopium	381	162	1408 Vol 3
121	-29d44m13s	12h10m14.2s	AM 1207-292	IC 0764	12.8	4.8 x 1.6	Hydra	368	168	893 Vol 2
122	-29d45m16s	13h06m04.8s	AM 1303-292	NGC 4955	13.2	1.8 x 1.3	Hydra	370	167	890 Vol 2
123	-29d45m37s	12h06m40.8s	AM 1204-292 NED01	NGC 4105	11.6	2.7 x 2	Hydra	368	168	893 Vol 2
124	-29d46m06s	12h06m44.8s	AM 1204-292 NED02	NGC 4106	12.4	1.6 x 1.3	Hydra	368	168	893 Vol 2
125	-29d51m12s	20h43m14.3s	AM 2040-300	IC 5003	13.3	2.4 x 0.6	Microscopium	381	162	1408 Vol 3
126	-29d54m47s	13h41m36.7s	AM 1338-293	NGC 5264	12.6	2.5 x 1.5	Hydra	371	167	889 Vol 2
127	-30d01m02s	14h07m04.4s	AM 1404-294	NGC 5464	13.3	1.3 x 0.8	Hydra	371	166	888 Vol 2
128	-30d01m29s	12h07m14.2s	AM 1204-294	IC 3005	13.8	2.3 x 0.4	Hydra	368	168	893 Vol 2
129	-30d03m28s	22h42m17.9s	AM 2239-301	NGC 7361	12.9	3.8 x 1.0	Piscis Austrinus	384	160	1402 Vol 3
130	-30d13m17s	01h10m35.6s	AM 0108-302	NGC 418	13.1	2 x 1.7	Sculptor	352	176	385 Vol I
131	-30d16m30s	02h46m19.0s	AM 0244-302	NGC 1097	10.2	9.3 x 6.3	Fornax	354	175	381 Vol I
132	-30d17m45s	13h49m05.3s	AM 1346-300	IC 4329	12.2	3.4 x 1.9	Centaurus	371	167	889 Vol 2
133	-30d17m52s	10h39m14.9s	AM 1036-300 NED01	ESO 437- G030	13.7	3.1 x 0.6	Antlia	366	169	897 Vol 2
134	-30d18m27s	13h24m50.4s	AM 1322-300 NED01	NGC 5124	13.1	2.2 x 0.7	Centaurus	370	167	890 Vol 2
135	-30d18m28s	11h31m32.0s	AM 1129-300	NGC 3717	12.2	6 x 1.1	Hydra	367	168	895 Vol 2
136	-30d20m22s	12h07m57.4s	AM 1205-300	IC 3010	13.2	1.9 x 1.8	Hydra	368	168	893 Vol 2
137	-30d23m06s	09h30m17.0s	AM 0928-300	NGC 2904	13.4	1.5 x 1	Antlia	364	170	900 Vol 2
138	-30d26m15s	09h46m18.6s	AM 0944-301	NGC 3001	12.7	2.9 x 1.9	Antlia	365	170	900 Vol 2
139	-30d31m19s	23h47m51.7s	AM 2345-304	NGC 7755	12.6	3.8 x 2.9	Sculptor	350	159	1399 Vol 3
140	-30d31m35s	13h04m17.1s	AM 1301-301	NGC 4936	11.8	2.7 x 2.3	Centaurus	370	167	891 Vol 2
141	-30d33m38s	22h11m15.0s	AM 2208-304	NGC 7221	12.8	2.0 x 1.6	Piscis Austrinus	383	160	1403 Vol 3
142	-30d49m55s	20h31m39.1s	AM 2028-310	NGC 6923	12.7	2.6 x 1.3	Microscopium	381	162	1408 Vol 3

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2								1st Ed.	2nd Ed.	
143	-31d04m05s	03h28m19.7s	AM 0326-311	NGC 1344	11.3	6 x 3.5	Fornax	355	174	379 Vol I
144	-31d07m37s	12h11m07.8s	AM 1208-305	ESO 441- G017	13.7	1.7 x 0.5	Hydra	368	168	893 Vol 2
145	-31d11m21s	02h49m33.7s	AM 0247-312	IC 1860	13.4	1.7 x 1.2	Fornax	354	175	402 Vol I
146	-31d11m28s	09h45m38.8s	AM 0943-305	NGC 2997	10.1	8.9 x 6.8	Antlia	365	170	900 Vol 2
147	-31d12m21s	00h52m42.3s	AM 0050-312	NGC 289	11.7	5.1 x 3.6	Sculptor	351	176	386 Vol I
148	-31d14m42s	10h00m31.7s	AM 0958-310	IC 2533	13	1.8 x 1.3	Antlia	365	169	899 Vol 2
149	-31d19m17s	03h39m23.3s	AM 0337-312	NGC 1406	12.4	3.8 x 0.8	Fornax	355	174	378 Vol I
150	-31d21m47s	10h04m16.2s	AM 1002-310	IC 2539	14	1.9 x 0.5	Antlia	365	169	899 Vol 2
151	-31d25m18s	00h47m27.6s	AM 0045-314	NGC 254	12.6	2.5 x 1.5	Sculptor	351	176	386 Vol I
152	-31d31m12s	12h09m00.3s	AM 1206-311 NED01	IC 3015	13.1	2.9 x 0.7	Hydra	368	168	893 Vol 2
153	-31d33m10s	10h00m05.8s	AM 0957-311	NGC 3095	12.4	3.5 x 2	Antlia	365	169	899 Vol 2
154	-31d36m32s	10h28m53.5s	AM 1026-312	ESO 436- G027	12.6	2.3 x 1.2	Antlia	366	169	898 Vol 2
155	-31d38m24s	13h39m55.9s	AM 1337-312 NED01	NGC 5253	10.9	5.0 x 1.9	Centaurus	370	167	889 Vol 2
156	-31d38m44s	04h13m40.7s	AM 0411-314	NGC 1537	12.2	3.9 x 2.6	Eridanus	356	174	377 Vol I
157	-31d39m52s	10h00m40.8s	AM 0958-312	NGC 3100	12	3.2 x 1.6	Antlia	365	169	899 Vol 2
158	-31d40m39s	10h02m29.0s	AM 1000-312	NGC 3108	12.8	2.5 x 1.8	Antlia	365	169	899 Vol 2
159	-31d47m10s	00h34m15.5s	AM 0031-320	NGC 148	13.3	2 x 0.8	Sculptor	351	159	387 Vol I
160	-31d47m24s	09h44m33.9s	AM 0942-313 NED01	IC 2507	13.3	1.7 x 0.8	Antlia	365	170	900 Vol 2
161	-31d49m32s	09h44m47.6s	AM 0942-313 NED02	UGCA 180	13.2	2.1 x 1.7	Antlia	365	170	900 Vol 2
162	-31d52m11s	22h02m01.9s	AM 2159-320	NGC 7172	12.9	2.5 x 1.4	Piscis Austrinus	383	160	1404 Vol 3
163	-31d57m15s	05h06m25.7s	AM 0504-320	NGC 1800	13.1	2 x 1.1	Columba	358	173	374 Vol I
164	-31d57m24s	23h43m45.5s	AM 2341-321	ESO 471-G006	13.6	6.4 x 0.9	Sculptor	350	159	1399 Vol 3
165	-31d57m53s	04h49m54.6s	AM 0448-320	NGC 1679	12	2.7 x 2	Caelum	357	173	375 Vol I
166	-31d58m25s	22h02m03.2s	AM 2159-321 NED01	NGC 7173	13.1	1.2 x 0.9	Piscis Austrinus	383	160	1404 Vol 3
167	-31d58m51s	20h34m20.6s	AM 2031-320	NGC 6925	12.1	4.5 x 1.2	Microscopium	381	162	1408 Vol 3
168	-31d59m34s	22h02m06.5s	AM 2159-321 NED02	NGC 7174	14.2	2.3 x 1.2	Piscis Austrinus	383	160	1404 Vol 3
169	-32d08m34s	05h19m48.2s	AM 0517-321	NGC 1879	13.3	2.5 x 1.7	Columba	358	173	374 Vol I
170	-32d34m33s	03h17m13.2s	AM 0315-324	NGC 1288	13.3	2.3 x 1.9	Fornax	355	175	379 Vol I
171	-32d35m28s	23h57m49.8s	AM 2355-325	NGC 7793	10	9.3 x 6.3	Sculptor	350	159	1399 Vol 3
172	-32d39m03s	01h14m07.0s	AM 0111-325	IC 1657	13.2	2.3 x 0.5	Sculptor	352	176	385 Vol I
173	-32d41m18s	13h12m55.9s	AM 1310-322	MCG -05-31-039	13.3	3.4 x 0.9	Centaurus	370	167	890 Vol 2
174	-32d45m09s	09h51m15.4s	AM 0949-323	NGC 3038	12.4	2.5 x 1.3	Antlia	365	170	899 Vol 2
175	-32d48m51s	11h18m16.5s	AM 1115-323	NGC 3621	10.2	12.3 x 7.1	Hydra	367	169	895 Vol 2
176	-32d50m21s	09h49m24.5s	AM 0947-323 NED01	IC 2511	13	2.9 x 0.6	Antlia	365	170	899 Vol 2
177	-32d51m54s	13h47m28.4s	AM 1344-323	ESO 383- G076	13	2.3 x 1.1	Centaurus	371	167	889 Vol 2

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
178	-32d52m27s	04h12m04.3s	AM 0410-330	NGC 1532	10.7	12.6 x 3.3	Eridanus	356	174	377 Vol I
179	-32d58m21s	05h11m59.3s	AM 0510-330	UGC 106	12.9	3 x 3.5	Columba	358	173	374 Vol I
180	-33d02m01s	09h33m21.5s	AM 0931-324	MCG -05-23-006	12.8	5.8 x 0.9	Antlia	364	170	922 Vol 2
181	-33d03m50s	14h01m21.5s	AM 1358-324	NGC 5398	12.8	2.8 x 1.7	Centaurus	371	166	910 Vol 2
182	-33d08m14s	09h55m08.9s	AM 0952-325 NED02	IC 2522	12.6	2.8 x 2	Antlia	365	170	921 Vol 2
183	-33d14m04s	13h31m53.5s	AM 1328-325 NED03	NGC 5193	12.5	1.9 x 1.7	Centaurus	370	167	911 Vol 2
184	-33d14m39s	00h30m22.0s	AM 0027-333	NGC 134	11.4	8.5 x 2.0	Sculptor	351	159	409 Vol I
185	-33d18m54s	14h08m03.1s	AM 1405-330	NGC 5488	12.7	3.4 x 1.0	Centaurus	371	166	910 Vol 2
186	-33d27m18s	14h29m19.4s	AM 1426-331	IC 4430	13	2.1 x 1.1	Centaurus	372	166	909 Vol 2
187	-33d29m08s	20h30m38.5s	AM 2027-333	IC 5020	13.1	3.0 x 2.1	Microscopium	381	162	1430 Vol 3
188	-33d37m43s	03h31m08.1s	AM 0329-334	NGC 1350	11.5	5.2 x 2.8	Fornax	355	174	401 Vol I
189	-33d39m20s	13h25m12.5s	AM 1322-332	ESO 382- G058	14.4	2.3 x 0.4	Centaurus	370	167	912 Vol 2
190	-33d42m35s	03h47m04.8s	AM 0345-335	IC 1993	12.6	2.5 x 2.1	Fornax	356	174	400 Vol I
191	-33d43m14s	02h21m06.4s	AM 0218-335	NGC 897	12.8	2.1 x 1.3	Fornax	354	175	404 Vol I
192	-33d48m28s	13h51m19.3s	AM 1348-333	ESO 384- G002	12.5	4.8 x 2.6	Centaurus	371	167	910 Vol 2
193	-33d51m30s	00h08m34.5s	AM 0006-340	NGC 10	13.3	2.4 x 1.2	Sculptor	350	159	410 Vol I
194	-33d57m57s	13h36m39.0s	AM 1333-334	IC 4296	11.6	3.4 x 3.2	Centaurus	370	167	911 Vol 2
195	-34d06m22s	06h10m09.5s	AM 0608-340	NGC 2188	12.1	4.4 x 1.1	Columba	359	172	394 Vol I
196	-34d12m07s	12h44m05.2s	AM 1241-335	ESO 381- G012	12.6	1 x 0.8	Centaurus	369	167	913 Vol 2
197	-34d13m31s	09h59m08.6s	AM 0956-335	NGC 3087	11.6	2.5 x 2	Antlia	365	170	921 Vol 2
198	-34d14m09s	14h30m15.7s	AM 1427-340	ESO 385- G033	13.3	2.3 x 1.8	Centaurus	372	166	909 Vol 2
199	-34d15m02s	05h47m01.9s	AM 0545-341	NGC 2090	12	4.9 x 2.4	Columba	359	173	395 Vol I
200	-34d16m17s	13h29m23.6s	AM 1326-340	ESO 383- G005	14.2	3.5 x 0.5	Centaurus	370	167	911 Vol 2
201	-34d18m42s	14h06m35.5s	AM 1403-340	ESO 384- G053	12.9	2.5 x 2.0	Centaurus	371	166	910 Vol 2
202	-34d47m40s	13h31m28.3s	AM 1328-343	NGC 5188	13	3.0 x 1.1	Centaurus	370	167	911 Vol 2
203	-34d51m13s	10h31m52.1s	AM 1029-343	NGC 3281	12.7	3.3 x 1.7	Antlia	366	169	920 Vol 2
204	-34d52m35s	21h49m46.0s	AM 2146-350	NGC 7135	12.7	3.0 x 1.9	Piscis Austrinus	383	161	1426 Vol 3
205	-34d57m05s	21h48m19.5s	AM 2145-351 NED02	NGC 7130	13	1.5 x 1.4	Piscis Austrinus	383	161	1427 Vol 3
206	-34d58m34s	03h36m27.6s	AM 0334-350	NGC 1380	11.2	4.8 x 2.3	Fornax	355	174	401 Vol I
207	-35d13m35s	03h35m16.6s	AM 0333-352	NGC 1374	12	2.5 x 2.3	Fornax	355	174	401 Vol I
208	-35d20m15s	13h05m20.2s	AM 1302-350	NGC 4947	12.6	2.4 x 1.3	Centaurus	370	167	913 Vol 2
209	-35d21m09s	13h18m25.7s	AM 1315-350	NGC 5063	13.3	2.3 x 1.8	Centaurus	370	167	912 Vol 2
210	-35d30m35s	12h14m45.1s	AM 1212-351 NED01	ESO 380- G001	13	3.4 x 2.1	Hydra	368	168	915 Vol 2
211	-35d51m11s	03h43m37.1s	AM 0341-360	NGC 1436=1437	12.4	3 x 2	Eridanus	356	174	400 Vol I
212	-35d58m02s	03h54m28.4s	AM 0352-360	IC 2006	12.2	2.1 x 1.8	Eridanus	356	174	400 Vol I

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
213	-36d01m38s	20h28m33.8s	AM 2025-361	IC 5011	12.7	2.4 x 1.2	Microscopium	381	162	1430 Vol 3
214	-36d03m42s	13h49m17.8s	AM 1346-354	ESO 383- G087	11	4.5 x 3.6	Centaurus	371	167	910 Vol 2
215	-36d21m10s	10h42m46.5s	AM 1040-360 NED01	NGC 3347	12.2	3.6 x 2.1	Antlia	366	169	919 Vol 2
216	-36d23m06s	03h25m20.3s	AM 0323-363	NGC 1326B	13.6	3.7 x 1.1	Fornax	355	174	401 Vol I
217	-36d23m56s	05h33m12.9s	AM 0531-362	IC 2135	13.3	2.8 x 0.6	Columba	358	173	395 Vol I
218	-36d24m40s	10h40m20.6s	AM 1038-360	NGC 3347A	13.5	2 x 0.7	Antlia	366	169	919 Vol 2
219	-36d24m40s	10h43m33.0s	AM 1040-360 NED03	NGC 3358	12.3	3.3 x 1.9	Antlia	366	169	919 Vol 2
220	-36d27m44s	22h57m10.6s	AM 2254-364	IC 1459	11	5.2 x 3.8	Grus	384	160	1423 Vol 3
221	-36d37m49s	13h21m57.6s	AM 1319-362	NGC 5102	10.4	8.7 x 2.8	Centaurus	370	167	912 Vol 2
222	-36d43m05s	02h57m49.1s	AM 0255-365	ESO 356- G022	13.3	2.1 x 1.3	Fornax	354	175	402 Vol I
223	-36d44m13s	10h30m51.8s	AM 1028-362	NGC 3275	11.8	2.8 x 2.1	Antlia	366	169	920 Vol 2
224	-36d45m21s	12h40m52.8s	AM 1238-362 NED02	IC 3639	13	1.2 x 1.2	Centaurus	369	167	914 Vol 2
225	-36d50m37s	22h16m09.1s	AM 2213-370	IC 5179	12.4	2.3 x 1.1	Grus	383	160	1425 Vol 3
226	-36d52m32s	11h11m18.6s	AM 1108-363	NGC 3573	13.3	3.6 x 1	Centaurus	367	169	918 Vol 2
227	-36d56m01s	15h20m46.9s	AM 1517-364	ESO 387- G026	13.3	2.5 x 1.3	Lupus	373	165	906 Vol 2
228	-36d57m37s	05h10m04.6s	AM 0508-370	NGC 1827	13.2	3 x 0.7	Columba	358	173	396 Vol I
229	-36d58m08s	03h54m20.1s	AM 0352-370	NGC 1484	13.9	2.5 x 0.6	Eridanus	356	174	400 Vol I
230	-37d06m09s	05h16m38.8s	AM 0514-370	ESO 362- G011	13	4.5 x 0.7	Columba	358	173	396 Vol I
231	-37d10m22s	11h07m07.5s	AM 1104-365	NGC 3533	13.8	2.8 x 0.6	Centaurus	367	169	918 Vol 2
232	-37d12m30s	03h22m41.7s	AM 0320-372	NGC 1316	9.4	12 x 8.5	Fornax	355	174	401 Vol I
233	-37d14m16s	10h36m09.4s	AM 1033-365	ESO 375- G071	13.1	3 x 2.5	Antlia	366	169	919 Vol 2
234	-37d20m50s	22h56m54.3s	AM 2254-373	NGC 7421	13	2.0 x 1.8	Grus	384	160	1423 Vol 3
235	-37d30m14s	21h10m00.5s	AM 2106-374	ESO 342-IG013	13.8	1.6 x 0.6	Microscopium	382	161	1428 Vol 3
236	-37d30m47s	05h07m42.3s	AM 0505-373	NGC 1808	10.8	6.5 x 3.9	Columba	358	173	396 Vol I
237	-37d31m02s	11h49m03.5s	AM 1146-371 NED02	NGC 3903	13.5	1.1 x 1	Centaurus	368	168	916 Vol 2
238	-37d32m21s	11h09m57.6s	AM 1107-371	NGC 3557	11.4	4.1 x 3	Centaurus	367	169	918 Vol 2
239	-37d32m51s	11h10m36.4s	AM 1108-371	NGC 3564	13.1	1.8 x 0.8	Centaurus	367	169	918 Vol 2
240	-37d36m03s	14h56m25.3s	AM 1452-372 NED02	ESO 386-IG039	13.2	1.5 x 1.0	Centaurus	372	166	907 Vol 2
241	-37d40m56s	13h24m45.6s	AM 1321-372	NGC 5121	11.5	1.9 x 1.5	Centaurus	370	167	912 Vol 2
242	-37d41m04s	00h54m53.5s	AM 0052-375	NGC 300	9	22 x 16	Sculptor	351	176	408 Vol I
243	-37d41m47s	11h55m14.6s	AM 1152-372	IC 2977	13.2	2.1 x1	Centaurus	368	168	916 Vol 2
244	-37d42m51s	23h37m08.3s	AM 2334-375	NGC 7713A	13	1.8 x 1.4	Sculptor	385	159	1422 Vol 3
245	-37d51m41s	21h28m15.0s	AM 2125-380	ESO 342- G050	12.9	2.2 x 1.2	Grus	382	161	1427 Vol 3
246	-37d56m17s	23h36m15.0s	AM 2333-381	NGC 7713	13.7	4.5 x 1.8	Sculptor	385	159	1422 Vol 3
247	-37d57m23s	11h35m32.5s	AM 1133-374 NED01	NGC 3742	13	2.4 x 1.7	Centaurus	367	168	917 Vol 2

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
248	-37d58m51s	05h05m14.4s	AM 0503-380	NGC 1792	10.9	5.2 x 2.6	Columba	358	173	397 Vol I
249	-37d59m50s	11h35m53.2s	AM 1133-374 NED02	NGC 3749	13.2	3.2 x 0.8	Centaurus	367	168	917 Vol 2
250	-37d59m51s	20h48m42.6s	AM 2041-381	NGC 6958	12.3	2.1 x 1.7	Microscopium	381	161	1429 Vol 3
251	-38d08m39s	12h15m26.7s	AM 1212-375	ESO 321- G016	13.8	2.6 x 0.7	Centaurus	368	168	915 Vol 2
252	-38d10m40s	13h27m29.5s	AM 1324-375	ESO 324- G023	13.1	3.8 x 0.7	Centaurus	370	167	911 Vol 2
253	-38d18m33s	05h08m07.6s	AM 0506-382	ESO 305- G009	13.1	3.5 x 2.8	Columba	358	173	396 Vol I
254	-38d23m47s	10h09m08.3s	AM 1006-380 NED02	ESO 316- G033	13.5	1.5 x 0.9	Antlia	365	169	921 Vol 2
255	-38d24m34s	10h09m05.5s	AM 1006-380 NED01	ESO 316-IG032	13.5	1.7 x 1	Antlia	365	169	921 Vol 2
256	-38d47m04s	11h49m50.3s	AM 1147-383	ESO 320- G026	12.8	2.4 x 0.9	Centaurus	368	168	916 Vol 2
257	-39d02m42s	02h33m34.3s	AM 0231-391	NGC 986	12	3.9 x 3	Fornax	389	175	424 Vol I
258	-39d17m19s	20h19m41.7s	AM 2016-392	ESO 340-IG017	13.2	2.6 x 0.9	Sagittarius	411	162	1452 Vol 3
259	-39d20m16s	12h27m37.3s	AM 1224-390	IC 3370	12	2.9 x 2.3	Centaurus	402	168	935 Vol 2
260	-39d45m35s	12h25m17.8s	AM 1222-392 NED02	NGC 4373	11.9	3.4 x 2.5	Centaurus	402	168	935 Vol 2
261	-39d45m42s	12h57m47.5s	AM 1254-393	NGC 4832	12.2	1.9 x 1.2	Centaurus	402	167	934 Vol 2
262	-39d46m32s	12h25m08.9s	AM 1222-392 NED01	IC 3290	13	1.7 x 1.1	Centaurus	402	168	935 Vol 2
263	-40d12m29s	12h07m09.5s	AM 1204-395	NGC 4112	12.8	1.6 x 0.9	Centaurus	401	168	936 Vol 2
264	-40d26m06s	10h27m44.8s	AM 1025-401	NGC 3250B	13.7	2.3 x 0.6	Vela	399	169	940 Vol 2
265	-40d27m06s	12h52m50.5s	AM 1250-401	ESO 323- G027	13.7	1.8 x 1.0	Centaurus	402	167	934 Vol 2
266	-40d43m42s	23h50m54.0s	AM 2348-405	NGC 7764	12.6	1.9 x 1.4	Phoenix	386	177	1443 Vol 3
267	-40d51m45s	06h53m53.9s	AM 0652-405	NGC 2310	12.7	4.4 x 0.8	Puppis	395	188	413 Vol I
268	-40d58m35s	12h40m55.2s	AM 1238-404	NGC 4603	12.3	3.4 x 2.5	Centaurus	402	184	935 Vol 2
269	-41d01m50s	03h09m37.8s	AM 0307-411	ESO 300- G014	13	5 x 2.6	Eridanus	390	190	423 Vol I
270	-41d03m01s	20h18m23.3s	AM 2015-411	IC 4991	11.6	2.6 x 1.8	Sagittarius	411	179	1452 Vol 3
271	-41d06m29s	03h17m18.6s	AM 0315-411	NGC 1291	9.4	9.8 x 8.1	Eridanus	390	190	422 Vol I
272	-41d20m00s	23h28m43.4s	AM 2325-413	IC 5325	11.8	2.8 x 2.5	Phoenix	415	177	1444 Vol 3
273	-41d26m10s	01h35m04.6s	AM 0132-414	NGC 625	11.7	5.8 x 1.9	Phoenix	388	191	427 Vol I
274	-41d28m50s	13h27m37.3s	AM 1324-411	ESO 324- G024	12.9	3.2 x 2.3	Centaurus	403	184	933 Vol 2
275	-41d30m00s	00h06m19.9s	AM 0003-414	ESO 293-G034	13.7	3.2 x 1.0	Phoenix	386	177	430 Vol I
276	-41d37m39s	10h37m15.5s	AM 1035-412	NGC 3318	12.2	2.4 x 1.3	Vela	399	185	940 Vol 2
277	-41d42m21s	12h46m15.7s	AM 1243-412	NGC 4672	14.1	2 x 0.6	Centaurus	402	184	935 Vol 2
278	-42d15m36s	21h16m55.3s	AM 2113-422 NED02	ESO 342- G027	12.3	2.0 x 1.5	Microscopium	413	179	1449 Vol 3
279	-42d22m02s	03h55m44.7s	AM 0354-423 NED01	NGC 1487 NED01	11.9	2.0 x 1.4	Eridanus	391	190	421 Vol I
280	-42d22m05s	03h55m46.1s	AM 0354-423	NGC 1487	12.3	7.5	Eridanus	391	190	421 Vol I
281	-42d22m07s	03h55m47.2s	AM 0354-423 NED02	NGC 1487 NED02	12.3		Eridanus	391	190	421 Vol I
282	-42d28m50s	23h22m00.9s	AM 2319-424	NGC 7632	13	2.2 x 1.1	Grus	415	177	1444 Vol 3

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
283	-42d32m22s	21h40m12.9s	AM 2137-424	NGC 7097	12.6	1.9 x 1.3	Grus	413	178	1448 Vol 3
284	-42d32m52s	12h50m44.6s	AM 1247-421	ESO 323- G010	13.5	1.5 x 1.4	Centaurus	402	184	934 Vol 2
285	-42d38m31s	22h55m45.7s	AM 2252-425	NGC 7412	11.9	3.9 x 2.9	Grus	415	178	1445 Vol 3
286	-42d39m36s	12h52m50.8s	AM 1250-422	NGC 4751	11.8	3 x 1.1	Centaurus	402	184	934 Vol 2
287	-42d50m49s	13h37m39.0s	AM 1334-423	NGC 5237	13.2	1.9 x 1.6	Centaurus	403	183	932 Vol 2
288	-42d50m52s	21h31m47.3s	AM 2128-430	NGC 7070A	13.3	1.9 x 1.5	Grus	413	179	1449 Vol 3
289	-42d54m39s	23h44m59.2s	AM 2342-431	NGC 7744	12.9	2.2 x 1.7	Phoenix	386	177	1443 Vol 3
290	-42d57m41s	13h14m13.6s	AM 1311-424	NGC 5026	12.5	3.2 x 2.0	Centaurus	403	184	933 Vol 2
291	-43d01m09s	13h25m27.6s	AM 1322-424	NGC 5128	7.8	25.7 x 20	Centaurus	403	184	933 Vol 2
292	-43d05m14s	21h30m25.3s	AM 2127-431	NGC 7070	12.8	2.3 x 1.8	Grus	413	179	1449 Vol 3
293	-43d05m46s	13h12m51.8s	AM 1309-425	NGC 5011	12.4	2.4 x 2.0	Centaurus	403	184	933 Vol 2
294	-43d12m43s	13h10m01.6s	AM 1307-425	ESO 269-G056	14	2.8 x 0.7	Centaurus	402	184	934 Vol 2
295	-43d18m21s	21h59m39.1s	AM 2156-433	NGC 7162	13.3	2.8 x 1.0	Piscis Austrinus	413	178	1448 Vol 3
296	-43d19m27s	12h16m27.3s	AM 1213-430	NGC 4219	12.7	4.3 x 1.3	Centaurus	401	184	936 Vol 2
297	-43d20m56s	04h03m54.3s	AM 0402-433	NGC 1512	11.1	8.9 x 5.6	Horologium	391	189	420 Vol I
298	-43d22m28s	20h57m50.3s	AM 2054-433 NED02	ESO 286- G018	14.3	2.5 x 0.4	Microscopium	412	179	1450 Vol 3
299	-43d23m23s	22h00m32.9s	AM 2157-433	NGC 7166	12.9	2.5 x 0.9	Grus	414	178	1447 Vol 3
300	-43d23m46s	22h57m13.6s	AM 2254-434	IC 5267	11.4	5.2 x 3.9	Grus	415	178	1445 Vol 3
301	-43d25m06s	14h31m38.6s	AM 1428-431	IC 4444	12	1.7 x 1.4	Lupus	404	183	930 Vol 2
302	-43d35m53s	01h45m03.7s	AM 0142-435	ESO 245- G005	12.7	3.6 x 3.2	Phoenix	388	191	426 Vol I
303	-43d36m00s	23h14m48.5s	AM 2312-435	NGC 7531	12	4.5 x 1.8	Grus	415	177	1444 Vol 3
304	-43d39m13s	20h24m28.1s	AM 2021-434	NGC 6902	11.6	5.6 x 3.9	Sagittarius	412	179	1451 Vol 3
305	-43d42m16s	13h21m12.8s	AM 1318-432	NGC 5090	12.6	2.9 x 2.4	Centaurus	403	184	933 Vol 2
306	-43d49m05s	10h13m31.0s	AM 1011-433	ESO 263- G019	13.8	1.6 x 1.1	Vela	399	186	941 Vol 2
307	-43d50m57s	10h29m05.7s	AM 1026-433	NGC 3256C	13.3	1.5 x 1.1	Vela	399	185	940 Vol 2
308	-43d52m01s	21h59m17.8s	AM 2156-440	ESO 288- G025	13.9	3.8 x 0.5	Piscis Austrinus	413	178	1448 Vol 3
309	-43d54m14s	10h27m51.3s	AM 1025-433	NGC 3256	12.2	3.8 x 2.1	Vela	399	185	940 Vol 2
310	-43d57m25s	03h36m31.5s	AM 0334-440	IC 1970	12.9	3.2 x 0.7	Horologium	391	190	421 Vol I
311	-43d57m41s	14h15m02.4s	AM 1411-434	IC 4386	12.7	3.0 x 1.8	Centaurus	404	183	931 Vol 2
312	-44d04m03s	21h32m35.2s	AM 2129-441	NGC 7079	12.5	2.1 x 1.3	Grus	413	179	1449 Vol 3
313	-44d07m23s	10h29m13.3s	AM 1027-435	NGC 3263	12.5	5.1 x 1.4	Vela	399	185	940 Vol 2
314	-44d10m29s	14h32m40.8s	AM 1429-435	NGC 5643	10.7	4.6 x 4.0	Lupus	404	183	930 Vol 2
315	-44d27m59s	03h58m21.8s	AM 0356-443	NGC 1495	13.3	3 x 0.5	Horologium	391	190	421 Vol I
316	-44d38m41s	03h44m31.9s	AM 0342-444	NGC 1448	11.4	7.6 x 1.7	Horologium	391	190	421 Vol I
317	-44d39m25s	10h29m01.4s	AM 1026-442	NGC 3261	12	3.7 x 2.8	Vela	399	185	940 Vol 2

Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
318	-44d46m02s	22h41m52.4s	AM 2238-450	IC 5240	12.8	2.8 x 1.9	Grus	414	178	1446 Vol 3
319	-45d00m57s	23h33m16.4s	AM 2330-451	IC 5328	12.3	2.5 x 1.5	Phoenix	415	177	1464 Vol 3
320	-45d01m08s	14h39m35.1s	AM 1436-444	NGC 5688	12.8	3.8 x 2.5	Lupus	404	183	950 Vol 2
321	-45d01m53s	04h20m16.2s	AM 0418-450	NGC 1558	13.3	2.5 x 1	Caelum	391	189	440 Vol 1
322	-45d20m49s	22h54m20.8s	AM 2251-453	NGC 7400	13.6	2.6 x 0.5	Grus	415	178	1465 Vol 3
323	-45d31m03s	04h09m01.9s	AM 0407-453	IC 2035	12.5	1.2 x 0.9	Horologium	391	189	440 Vol 1
324	-45d32m51s	13h34m47.3s	AM 1331-451	ESO 270- G017	11.7	15.1 x 1.7	Centaurus	403	184	953 Vol 2
325	-45d50m47s	22h15m49.0s	AM 2212-460 NED02	NGC 7233	13.1	1.7 x 1.3	Grus	414	178	1467 Vol 3
326	-45d51m00s	22h15m38.0s	AM 2212-460 NED01	NGC 7232	13	2.6 x 0.9	Grus	414	178	1467 Vol 3
327	-45d56m15s	13h21m57.7s	AM 1318-454 NED02	ESO 270- G006	14	1.9 x 0.6	Centaurus	403	184	953 Vol 2
328	-46d07m10s	13h14m21.4s	AM 1311-455 SW	ESO 269-IG074 N	13.2	2.8 x 1.4	Centaurus	403	184	953 Vol 2
329	-46d09m42s	20h13m12.5s	AM 2009-461	NGC 6875	13	2.3 x 1.3	Telescopium	411	179	1472 Vol 3
330	-46d12m39s	03h57m27.4s	AM 0355-462	NGC 1493	11.8	3.5 x 3.2	Horologium	391	190	441 Vol 1
331	-46d15m05s	10h31m11.6s	AM 1029-455	NGC 3283	12.5	2.6 x 1.5	Vela	399	185	960 Vol 2
332	-46d15m51s	12h58m07.8s	AM 1255-455	NGC 4835	12.5	4 x 0.9	Centaurus	402	184	954 Vol 2
333	-46d26m14s	13h10m04.4s	AM 1307-461	ESO 269- G057	12.5	3.2 x 2.3	Centaurus	402	184	954 Vol 2
334	-46d31m27s	11h07m49.6s	AM 1105-461	ESO 265- G007	12.4	3.6 x 1.2	Centaurus	400	185	959 Vol 2
335	-46d54m27s	01h07m42.6s	AM 0105-471	IC 1625	12.9	1.7 x 1.2	Phoenix	387	191	448 Vol 1
336	-46d59m27s	13h10m32.9s	AM 1307-464	ESO 269- G058	13.3	3 x 1.8	Centaurus	402	184	954 Vol 2
337	-47d01m37s	20h27m38.9s	AM 2024-471	NGC 6909	12.6	2.2 x 1.1	Telescopium	412	179	1471 Vol 3
338	-47d10m00s	22h09m16.2s	AM 2206-472	NGC 7213	11	3.1 x 2.8	Grus	414	178	1467 Vol 3
339	-47d13m14s	21h15m07.5s	AM 2111-472	NGC 7038	12.6	3.2 x 1.6	Indus	413	179	1469 Vol 3
340	-47d13m19s	03h42m01.5s	AM 0340-472	NGC 1433	10.7	6.5 x 5.9	Horologium	391	190	441 Vol 1
341	-47d13m19s	22h12m29.6s	AM 2209-472	IC 5170	13.3	3.4 x 1.9	Grus	414	178	1467 Vol 3
342	-47d16m55s	13h19m58.9s	AM 1316-463 NED01	ESO 269- G085	12.8	2.4 x 1.5	Centaurus	403	184	953 Vol 2
343	-47d28m27s	12h25m21.1s	AM 1222-471	ESO 268- G004	13.6	2.1 x 1.2	Centaurus	402	184	955 Vol 2
344	-47d30m13s	23h37m43.6s	AM 2335-474	ESO 240- G010	12.6	4.0 x 1.9	Phoenix	386	177	1463 Vol 3
345	-47d37m04s	10h42m50.5s	AM 1040-472	ESO 264- G035	14	1.5 x 1	Vela	399	185	960 Vol 2
346	-47d41m56s	14h58m30.4s	AM 1455-473	ESO 223- G006	12.9	3.8 x 2.8	Lupus	405	183	949 Vol 2
347	-47d43m38s	23h37m49.5s	AM 2335-475	ESO 240- G011	13.2	6.8 x 0.7	Phoenix	386	177	1463 Vol 3
348	-47d54m31s	13h18m59.9s	AM 1316-473	NGC 5064	12.9	2.5 x 1.1	Centaurus	403	184	953 Vol 2
349	-48d01m36s	13h51m35.3s	AM 1348-475 NED02	ESO 221- G013	13.8	1.6 x 1.0	Centaurus	403	183	952 Vol 2
350	-48d05m01s	13h51m32.5s	AM 1348-475 NED01	ESO 221- G012	14	1.5 x 0.4	Centaurus	403	183	952 Vol 2
351	-48d06m53s	14h15m54.7s	AM 1412-475	NGC 5516	13	1.8 x 1.2	Centaurus	404	183	951 Vol 2
352	-48d10m10s	13h43m02.1s	AM 1339-475	NGC 5266	12.1	3.2 x 2.1	Centaurus	403	183	952 Vol 2

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
353	-48d10m14s	13h52m06.9s	AM 1348-475 NED03	ESO 221- G014	13.3	1.6 x 1.1	Centaurus	403	183	952 Vol 2
354	-48d14m21s	20h20m49.6s	AM 2017-482	NGC 6893	12.8	2.6 x 1.7	Telescopium	411	179	1472 Vol 3
355	-48d20m31s	13h40m37.1s	AM 1337-480	NGC 5266A	12.7	3.1 x 2.4	Centaurus	403	183	952 Vol 2
356	-48d21m49s	21h16m32.4s	AM 2113-483 NED01	NGC 7041	12.1	3.6 x 1.5	Indus	413	179	1469 Vol 3
357	-48d22m46s	20h09m54.1s	AM 2006-483	NGC 6868	11.7	3.5 x 2.8	Telescopium	411	179	1472 Vol 3
358	-48d33m43s	21h19m00.2s	AM 2115-484	NGC 7049	11.7	4.3 x 3.0	Indus	413	179	1469 Vol 3
359	-48d46m40s	20h52m09.4s	AM 2048-485	NGC 6970	13.2	1.4 x 0.9	Indus	412	179	1470 Vol 3
360	-49d17m01s	21h11m52.0s	AM 2108-492	NGC 7029	12.4	2.6 x 1.4	Indus	412	179	1470 Vol 3
361	-49d28m06s	13h05m27.5s	AM 1302-484	NGC 4945	9.3	20 x 3.8	Centaurus	402	184	954 Vol 2
362	-49d28m41s	13h13m58.0s	AM 1310-484 NED02	ESO 219- G041	12.9	2.8 x 0.9	Centaurus	403	184	953 Vol 2
363	-49d51m05s	07h58m15.0s	AM 0756-494	ESO 209- G009	12.7	7.5 x 0.9	Puppis	396	187	431 Vol I
364	-50d07m10s	22h05m54.8s	AM 2202-502	NGC 7196	12.4	2.5 x 1.8	Indus	438	178	1467 Vol 3
365	-50d09m52s	04h17m44.8s	AM 0416-501	NGC 1556	13.5	1.7 x 0.5	Dorado	420	189	440 Vol I
366	-50d10m58s	00h43m25.7s	AM 0041-502	NGC 238	13.1	1.9 x 1.6	Phoenix	417	177	449 Vol I
367	-50d20m03s	13h02m21.1s	AM 1259-493	ESO 219- G021	13.3	5 x 1.1	Centaurus	429	184	954 Vol 2
368	-50d33m55s	21h48m05.4s	AM 2144-504	NGC 7124	13.1	3.0 x 1.3	Indus	438	178	1468 Vol 3
369	-50d38m31s	19h11m25.7s	AM 1907-504	NGC 6754	12.9	1.9 x 0.9	Telescopium	435	180	1475 Vol 3
370	-51d02m10s	13h40m07.9s	AM 1336-504 NED01	IC 4311	14	1.3 x 1.0	Centaurus	430	183	971 Vol 2
371	-51d04m15s	13h40m30.9s	AM 1336-504 NED03	IC 4312	13.4	1.3 x 1.1	Centaurus	430	183	971 Vol 2
372	-51d08m32s	13h40m12.8s	AM 1336-504 NED02	ESO 220- G028	14.7	2.4 x 0.3	Centaurus	430	183	971 Vol 2
373	-51d17m47s	22h02m41.5s	AM 2159-513	IC 5152	11.1	5.2 x 3.2	Indus	438	193	1486 Vol 3
374	-51d33m11s	05h47m04.7s	AM 0545-513	NGC 2104	13.2	2 x 0.9	Pictor	422	201	455 Vol I
375	-51d44m35s	22h02m07.4s	AM 2158-515	NGC 7168	12.9	2.0 x 1.5	Indus	438	193	1486 Vol 3
376	-51d52m15s	20h57m54.0s	AM 2054-520	NGC 6984	13.2	1.8 x 1.2	Indus	437	194	1489 Vol 3
377	-52d06m38s	20h38m20.2s	AM 2034-521	NGC 6935	12.8	2.0 x 1.7	Indus	437	194	1489 Vol 3
378	-52d18m24s	07h55m51.5s	AM 0754-521	NGC 2502	13.2	2 x 1.3	Carina	424	200	451 Vol I
379	-52d45m43s	01h47m42.8s	AM 0145-530A	NGC 685	11.5	3.7 x 3.3	Eridanus	418	203	463 Vol I
380	-52d47m48s	20h17m17.3s	AM 2013-525	NGC 6887	12.8	3.4 x 1.3	Telescopium	436	194	1490 Vol 3
381	-53d21m40s	04h54m13.5s	AM 0453-532	NGC 1705	12.8	1.9 x 1.4	Pictor	421	202	457 Vol I
382	-53d43m24s	18h55m35.6s	AM 1851-534	NGC 6708	12.7	1.1 x 0.9	Telescopium	435	195	1493 Vol 3
383	-53d49m06s	18h55m22.0s	AM 1851-535	NGC 6707	13.3	2.1 x 0.9	Telescopium	435	195	1493 Vol 3
384	-53d51m47s	19h01m56.6s	AM 1857-535	NGC 6725	12.2	2.2 x 0.5	Telescopium	435	194	1492 Vol 3
385	-54d06m00s	04h04m02.7s	AM 0402-541	NGC 1515	12.1	5.2 x 1.1	Dorado	420	202	458 Vol I
386	-54d07m57s	19h15m16.2s	AM 1911-541	IC 4837A	12.6	4.1 x 0.6	Telescopium	435	194	1492 Vol 3
387	-54d18m11s	20h40m37.8s	AM 2036-542	NGC 6942	12.7	2.0 x 1.5	Indus	437	194	1489 Vol 3

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
388	-54d20m39s	19h45m15.1s	AM 1941-542	IC 4889	12.1	2.9 x 1.7	Telescopium	436	194	1491 Vol 3
389	-54d22m32s	20h05m38.8s	AM 2001-543	NGC 6854	13.2	2.0 x 1.3	Telescopium	436	194	1490 Vol 3
390	-54d33m26s	21h36m28.8s	AM 2133-544	NGC 7090	11.3	7.4 x 1.3	Indus	438	193	1487 Vol 3
391	-54d36m08s	04h31m39.5s	AM 0430-544	NGC 1617	11.4	4.3 x 2.1	Dorado	421	202	457 Vol I
392	-54d37m36s	19h15m34.1s	AM 1911-544 NED02	IC 4839	13.2	2.3 x 1.5	Telescopium	435	194	1492 Vol 3
393	-54d47m00s	20h10m29.6s	AM 2006-545	NGC 6867	13.9	2.0 x 0.7	Telescopium	436	194	1490 Vol 3
394	-54d57m05s	19h26m49.7s	AM 1922-550	NGC 6788	12.9	2.9 x 0.9	Telescopium	435	194	1492 Vol 3
395	-54d58m48s	20h03m29.0s	AM 1959-550	IC 4933	12.9	2.3 x 1.9	Telescopium	436	194	1490 Vol 3
396	-55d01m40s	04h27m38.1s	AM 0426-550	NGC 1596	12.1	3.7 x 1	Dorado	420	202	458 Vol I
397	-55d27m30s	23h58m59.8s	AM 2356-554	NGC 7796	12.5	2.2 x 1.9	Phoenix	416	192	1483 Vol 3
398	-55d35m32s	04h15m45.1s	AM 0414-554	NGC 1549	10.7	4.9 x 4.1	Dorado	420	202	458 Vol I
399	-55d46m33s	19h22m50.9s	AM 1918-555	NGC 6780	13.3	1.9 x 1.6	Telescopium	435	194	1492 Vol 3
400	-55d46m49s	04h16m10.5s	AM 0415-555	NGC 1553	10.3	4.5 x 2.8	Dorado	420	202	458 Vol I
401	-55d55m58s	04h17m54.3s	AM 0416-560	IC 2058	13.9	2.4 x 0.2	Dorado	420	202	458 Vol I
402	-55d56m50s	20h03m27.0s	AM 1959-560	ESO 185- G054	11.3	3.5 x 2.4	Telescopium	436	194	1490 Vol 3
403	-56d03m39s	04h14m36.5s	AM 0413-561	NGC 1546	11.8	3 x 1.7	Dorado	420	202	458 Vol I
404	-56d05m25s	20h02m47.2s	AM 1958-561	NGC 6848	12.1	2.5 x 1.0	Telescopium	436	194	1490 Vol 3
405	-56d07m06s	04h09m51.8s	AM 0408-561	NGC 1533	11.7	2.8 x 2.3	Dorado	420	202	458 Vol I
406	-56d28m50s	04h10m59.8s	AM 0409-563	NGC 1536	13.2	2 x 1.4	Reticulum	420	202	458 Vol I
407	-56d58m29s	04h21m58.8s	AM 0420-570	NGC 1574	11.4	3.4 x 3.1	Reticulum	420	202	458 Vol I
408	-57d02m58s	19h11m23.6s	AM 1907-570	NGC 6753	12	2.5 x 2.1	Pavo	435	194	1507 Vol 3
409	-57d04m08s	20h52m02.3s	AM 2048-571	IC 5063	12.9	2.1 x 1.4	Indus	437	194	1504 Vol 3
410	-57d04m15s	23h47m49.8s	AM 2345-572	ESO 149- G001	13.6	3.3 x 0.7	Phoenix	416	192	1499 Vol 3
411	-57d19m15s	18h52m02.0s	AM 1847-572	NGC 6699	12.6	1.5 x 1.5	Pavo	435	195	1507 Vol 3
412	-57d21m26s	03h13m04.7s	AM 0311-573	ESO 116- G012	13	3.5 x 1.1	Horologium	419	202	475 Vol I
413	-57d23m57s	05h12m16.5s	AM 0511-572	NGC 1853	13.6	2 x 0.7	Pictor	421	201	471 Vol I
414	-57d26m33s	22h08m34.3s	AM 2205-574	NGC 7205	11.6	4.1 x 2.0	Indus	438	193	1502 Vol 3
415	-57d31m55s	19h01m30.7s	AM 1857-573 NED01	IC 4806	13.1	2.3 x 0.6	Pavo	435	194	1507 Vol 3
416	-57d34m42s	06h20m15.7s	AM 0619-573	NGC 2221	13.3	1.9 x 0.4	Pictor	422	201	469 Vol I
417	-57d44m17s	04h12m43.2s	AM 0411-575	NGC 1543	11.5	4.9 x 2.8	Reticulum	420	202	473 Vol I
418	-57d47m25s	01h57m40.4s	AM 0155-580	NGC 782	12.5	2.3 x 2	Eridanus	418	203	477 Vol I
419	-57d56m07s	01h14m01.4s	AM 0112-581	ESO 113- G027	14.2	1.5 x 0.2	Tucana	417	203	478 Vol I
420	-58d14m53s	01h12m14.1s	AM 0110-583	NGC 434	12.8	2.1 x 1.2	Hydrus	417	203	478 Vol I
421	-58d29m48s	18h34m24.7s	AM 1830-583	IC 4721	12.4	5.2 x 1.5	Pavo	435	195	1508 Vol 3
422	-58d31m28s	06h40m43.2s	AM 0639-582	ESO 122-IG 001	13.1	2.7 x 1.3	Pictor	423	201	469 Vol I

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
423	-58d42m49s	19h54m23.5s	AM 1950-585	IC 4901	12.3	4.8 x 3.2	Pavo	436	194	1506 Vol 3
424	-59d13m07s	16h52m46.1s	AM 1648-590	NGC 6221	11.2	3.5 x 2.5	Ara	433	196	1511 Vol 3
425	-59d14m50s	04h45m42.5s	AM 0444-592	NGC 1672	10.3	6.6 x 5.5	Dorado	421	202	472 Vol I
426	-59d43m26s	05h06m56.2s	AM 0506-594	NGC 1824	13	3.2 x 0.9	Dorado	421	201	472 Vol I
427	-59d44m24s	06h21m38.7s	AM 0620-594	ESO 121- G026	12.6	3.2 x 2	Pictor	422	201	469 Vol I
428	-59d44m32s	04h52m52.1s	AM 0452-594	NGC 1703	11.9	3 x 2.6	Dorado	421	202	472 Vol I
429	-59d48m01s	04h48m23.8s	AM 0447-595	NGC 1688	12.6	2.4 x 1.9	Dorado	421	202	472 Vol I
430	-60d05m30s	18h14m16.9s	AM 1809-600	ESO 140- G012	13.6	2.1 x 1.4	Pavo	434	195	1509 Vol 3
431	-60d29m47s	19h18m37.3s	AM 1914-603 NED02	NGC 6770	12.8	2.3 x 1.7	Pavo	435	194	1507 Vol 3
432	-60d30m04s	19h18m22.7s	AM 1914-603 NED01	NGC 6769	12.6	2.3 x 1.5	Pavo	435	194	1507 Vol 3
433	-60d36m33s	21h49m18.1s	AM 2145-605 NED02	NGC 7126	12.9	2.8 x 1.3	Indus	438	193	1502 Vol 3
434	-60d42m47s	21h49m16.0s	AM 2145-605 NED01	NGC 7125	12.8	3.1 x 2.1	Indus	438	193	1502 Vol 3
435	-60d52m47s	17h27m07.2s	AM 1722-605	IC 4653	13.2	1.6 x 1.0	Ara	433	195	1510 Vol 3
436	-61d20m18s	02h37m48.1s	AM 0236-613	ESO 115- G021	13.2	7.2 x 0.8	Horologium	442	203	476 Vol I
437	-62d15m10s	07h30m12.1s	AM 0729-620	NGC 2417	12.8	2.8 x 1.9	Carina	446	200	467 Vol I
438	-62d16m21s	19h14m43.8s	AM 1910-622	IC 4831	12.3	3.4 x 0.9	Pavo	456	194	1507 Vol 3
439	-62d17m50s	18h45m06.3s	AM 1840-622 NED02	NGC 6673	12.6	2.2 x 0.9	Pavo	456	195	1508 Vol 3
440	-62d20m37s	07h16m37.7s	AM 0716-621	NGC 2369	13.2	3.5 x 1.1	Carina	446	200	468 Vol I
441	-62d21m11s	07h28m17.5s	AM 0727-621 NED02	IC 2200	14.1	1.3 x 0.7	Carina	446	200	467 Vol I
442	-62d21m47s	07h28m06.3s	AM 0727-621 NED01	IC 2200A	13.7	1.3 x 0.9	Carina	446	200	467 Vol I
443	-62d47m01s	04h17m35.8s	AM 0417-625	NGC 1559	11	3.5 x 2	Reticulum	444	21 2	473 Vol I
444	-62d56m11s	07h18m43.5s	AM 0718-625	NGC 2369A	13.7	1.9 x 1.2	Carina	446	200	468 Vol I
445	-63d04m01s	07h19m57.3s	AM 0719-625	NGC 2381	13.4	1.6 x 1.4	Carina	446	211	482 Vol I
446	-63d40m07s	17h59m30.8s	AM 1754-634 NED01	NGC 6483	13	1.5 x 0.9	Pavo	455	207	1522 Vol 3
447	-63d45m36s	05h26m47.6s	AM 0526-634	NGC 1947	11.7	3 x 2.6	Dorado	445	212	484 Vol I
448	-63d48m45s	09h23m24.0s	AM 0922-633	NGC 2887	12.8	2.1 x 1.5	Carina	448	210	1006 Vol 2
449	-63d51m27s	19h09m46.1s	AM 1905-635	NGC 6744	9.1	20 x 12.9	Pavo	456	206	1520 Vol 3
450	-63d51m37s	19h25m19.1s	AM 1920-635	NGC 6776	13.1	1.7 x 1.4	Pavo	456	206	1519 Vol 3
451	-63d51m43s	18h41m52.6s	AM 1837-635	IC 4742	13.1	1.7 x 1.3	Pavo	456	206	1520 Vol 3
452	-63d54m31s	21h41m19.3s	AM 2137-640 NED01	NGC 7096	12.8	1.9 x 1.6	Indus	458	205	1516 Vol 3
453	-64d15m12s	00h32m02.2s	AM 0029-643	ESO 079- G003	12.6	2.7 x 0.4	Tucana	440	204	409 Vol I
454	-64d16m24s	06h48m37.3s	AM 0648-641 NED01	NGC 2305	12.7	2 x 1.5	Volans	446	211	482 Vol I
455	-64d20m08s	06h48m50.8s	AM 0648-641 NED02	NGC 2307	12.9	1.7 x 1.6	Volans	446	211	482 Vol I
456	-64d49m53s	18h52m22.8s	AM 1847-645	NGC 6684A	13.2	3.0 x 1.9	Pavo	456	206	1520 Vol 3
457	-64d49m55s	22h47m06.3s	AM 2243-650 NED02	IC 5249	14.3	4.4 x 0.4	Tucana	459	205	1514 Vol 3

## Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
458	-65d00m37s	17h23m41.0s	AM 1718-645	NGC 6328	13.2	2.4 x 1.4	Ara	454	207	1522 Vol 3
459	-65d03m31s	22h47m22.1s	AM 2244-651 NED02	IC 5250B	12.2	1.3 x 1.2	Tucana	459	205	1514 Vol 3
460	-65d03m35s	22h47m17.5s	AM 2244-651 NED01	IC 5250A	12.2	2.8 x 2.8	Tucana	459	205	1514 Vol 3
461	-65d10m24s	18h48m57.9s	AM 1843-651	NGC 6684	11.3	4.0 x 2.6	Pavo	456	206	1520 Vol 3
462	-66d19m20s	16h00m17.6s	AM 1555-661 N	IC 4585	13	2.1 x 0.6	Triangulum Australe	453	207	1524 Vol 3
463	-66d25m50s	18h02m48.3s	AM 1757-662	NGC 6492	12.3	2.5 x 1.2	Pavo	455	206	1521 Vol 3
464	-66d28m44s	22h40m24.2s	AM 2236-664	NGC 7329	12.1	3.9 x 2.6	Tucana	459	205	1514 Vol 3
465	-66d29m54s	03h18m16.0s	AM 0317-664	NGC 1313	9.2	9.1 x 6.9	Reticulum	443	213	488 Vol I
466	-66d50m58s	22h14m55.9s	AM 2211-670	IC 5176	13.5	6.0 x 0.8	Tucana	459	205	1515 Vol 3
467	-66d53m54s	07h28m59.7s	AM 0728-664	ESO 088- G017	13.7	1.8 x 0.6	Volans	446	211	481 Vol I
468	-66d58m56s	18h28m38.0s	AM 1823-670	IC 4710	12.5	3.6 x 2.8	Pavo	455	206	1521 Vol 3
469	-67d01m51s	10h08m50.5s	AM 1007-664	IC 2554	12.5	3.1 x 1.3	Carina	448	210	1005 Vol 2
470	-67d38m20s	03h59m39.8s	AM 0359-674	NGC 1511	11.9	3.5 x 1.2	Hydrus	443	212	487 Vol I
471	-67d55m57s	09h09m03.0s	AM 0908-674	NGC 2788	13.2	1.8 x 0.4	Carina	448	210	1007 Vol 2
472	-68d13m37s	09h02m39.4s	AM 0902-680	NGC 2788A	14	2.8 x 0.4	Carina	448	210	1007 Vol 2
473	-69d00m05s	07h21m20.0s	AM 0721-685	NGC 2397	12.7	2.5 x 1.2	Volans	446	211	493 Vol I
474	-69d03m36s	08h57m26.7s	AM 0857-685	ESO 060- G019	12.8	3.2 x 1.2	Volans	447	210	1017 Vol 2
475	-69d11m36s	20h52m01.6s	AM 2047-692	IC 5052	11.2	5.9 x 0.8	Pavo	457	205	1528 Vol 3
476	-69d20m05s	09h13m44.6s	AM 0913-690	NGC 2836	12.6	2.6 x 1.9	Carina	448	210	1017 Vol 2
477	-69d31m51s	07h36m23.8s	AM 0736-692	NGC 2442	11.2	5.5 x 4.9	Volans	446	211	493 Vol I
478	-70d46m06s	20h16m56.5s	AM 2011-705	NGC 6872	12.7	6.0 x 1.7	Pavo	457	206	1529 Vol 3
479	-71d38m07s	03h49m49.4s	AM 0349-714	ESO 054- G021	13	4.6 x 2.4	Hydrus	443	212	498 Vol I
480	-72d35m41s	06h43m30.8s	AM 0644-723	ESO 034- G012	13.9	1.8 x 0.9	Volans	463	211	494 Vol I
481	-72d38m34s	21h01m19.7s	AM 2056-725	IC 5071	13.3	3.4 x 0.8	Pavo	470	205	1528 Vol 3
482	-73d37m10s	20h42m08.6s	AM 2036-734	NGC 6932	13.3	2.1 x 1.5	Pavo	470	215	1529 Vol 3
483	-74d14m10s	06h43m06.0s	AM 0644-741	ESO 034-G011	13.8	1.5 x 0.9	Volans	463	218	494 Vol I
484	-75d40m23s	15h48m15.9s	AM 1542-753	NGC 5967	12.7	2.9 x 1.7	Apus	468	216	1019 Vol 2
485	-75d49m32s	09h06m35.7s	AM 0906-753	ESO 036- G019	13.7	2 x 0.8	Chamaeleon	464	218	1025 Vol 2
486	-76d37m35s	09h26m11.5s	AM 0926-762	NGC 2915	13.3	1.9 x 1	Chamaeleon	465	218	1025 Vol 2
487	-76d55m13s	05h55m28.5s	AM 0557-765	IC 2160	13.9	2 x 0.8	Mensa	463	219	505 Vol I
488	-76d59m35s	16h57m50.0s	AM 1650-765	IC 4618	12.7	1.7 x 1.3	Apus	468	216	1542 Vol 3
489	-79d43m34s	12h18m46.0s	AM 1215-793	IC 3104	13.6	3.8 x 1.8	Chamaeleon	466	217	1022 Vol 2
490	-79d59m49s	22h23m04.2s	AM 2217-801	ESO 027- G008	12.9	2.7 x 1.1	Octans	471	214	1536 Vol 3
491	-80d00m03s	20h43m57.4s	AM 2036-801 NED01	NGC 6920	12.4	1.8 x 1.5	Octans	470	215	1538 Vol 3
492	-80d18m28s	01h07m02.2s	AM 0106-803	ESO 013- G012	13.6	2.8 x 0.9	Hydrus	460	214	509 Vol I

Southern Arp - Declination

	A	B	C	D	E	F	G	H	I	J
1	DEC	RA	AM #	Object Name	Magn.	Size	Constellation	Uranom.	Uranom.	Millenium
2								1st Ed.	2nd Ed.	
493	-81d03m47s	03h58m31.5s	AM 0402-811	ESO 015- G005	13.4	1.8 x 1.5	Mensa	462	219	513 Vol I
494	-81d31m51s	21h52m26.4s	AM 2145-814	NGC 7095	12.2	2.8 x 2.7	Octans	471	215	1544 Vol 3
495	-81d54m42s	23h26m27.6s	AM 2322-821	NGC 7637	13.2	2.1 x 1.9	Octans	460	214	1543 Vol 3
496	-82d17m04s	04h07m13.7s	AM 0411-822	ESO 015- G008	10.8	0.9 x 0.4	Mensa	462	219	512 Vol I
497	-83d49m50s	03h52m00.8s	AM 0358-835	IC 2051	12.3	2.6 x 1.6	Mensa	462	219	513 Vol I
498	-83d59m16s	02h00m16.6s	AM 0203-841	ESO 003- G007	13.4	1.6 x 1.5	Octans	461	219	513 Vol I
499	-85d24m07s	18h22m17.5s	AM 1806-852 NED01	NGC 6438	12.1	1.6 x 1.3	Octans	473	220	1545 Vol 3
500	-85d24m23s	18h22m35.5s	AM 1806-852 NED02	NGC 6438A	12.6	2.7 x 1.0	Octans	473	220	1545 Vol 3