

# THE CALDWELL CATALOGUE

by Sir Patrick Caldwell-Moore

NGC/IC	Constellation	Type	RA.	(2000.0)	Dec.	Mag.	Size (')	Note		
1	188	Cepheus	Open cluster	00h	44.4m	+85°	20'	8.1	14	—
2	40	Cepheus	Planetary nebula	00h	13.0m	+72°	32'	12.0	0.6	Bow-Tie Nebula
3	4236	Draco	Spiral galaxy	12h	16.7m	+69°	28'	9.7	20x7	—
4	7023	Cepheus	Bright nebula	21h	01.8m	+68°	12'	6.8	10x8	Reflection nebula
5	IC 342	Camelopardalis	Spiral galaxy	03h	46.8m	+63°	06'	8.4	20x19	—
6	6543	Draco	Planetary nebula	17h	58.6m	+66°	38'	8.6	0.3/5.7	Cat's Eye Nebula
7	2403	Camelopardalis	Spiral galaxy	07h	36.9m	+65°	36'	8.5	23x12	—
8	559	Cassiopeia	Open cluster	01h	29.5m	+83°	18'	9.5	4	—
9	8h2-158	Cepheus	Bright nebula	22h	56.8m	+62°	37'	7.7	50x10	Cave Nebula
10	663	Cassiopeia	Open cluster	01h	46.0m	+61°	15'	7.1	16	Horseshoe Cluster
11	7635	Cassiopeia	Bright nebula	23h	20.7m	+61°	12'	7.0	15x8	Bubble Nebula
12	6946	Cepheus	Spiral galaxy	20h	34.8m	+60°	09'	9.7	11x9	—
13	457	Cassiopeia	Open cluster	01h	19.1m	+58°	20'	6.4	13	Phi Cas Cluster
14	669/884	Perseus	Open clusters	02h	20.0m	+57°	08'	5.7	29x29	Double Cluster
15	6826	Cygnus	Planetary nebula	19h	44.8m	+50°	31'	8.8	0.5/2.3	Blinking Nebula
16	7243	Lacerta	Open cluster	22h	15.3m	+49°	53'	6.4	21	—
17	147	Cassiopeia	Elliptical galaxy	00h	33.2m	+48°	30'	9.4	15x9	—
18	185	Cassiopeia	Elliptical galaxy	00h	39.0m	+48°	20'	9.2	14x12	—
19	IC 6148	Cygnus	Bright nebula	21h	53.5m	+47°	16'	10.0	12x12	Cocoon Nebula
20	7000	Cygnus	Bright nebula	20h	28.8m	+44°	20'	6.0	120x100	North America Nebula
21	4449	Canes Venatici	Irregular galaxy	12h	28.2m	+44°	06'	9.5	6x4	—
22	7662	Andromeda	Planetary nebula	23h	25.9m	+42°	33'	8.3	0.3/2.2	Blue Snowball
23	891	Andromeda	Spiral galaxy	02h	22.6m	+42°	21'	9.9	14x3	—
24	1275	Perseus	Elliptical galaxy	03h	19.8m	+41°	31'	11.8	3x2	Perseus A radio source
25	2419	Lynx	Globular cluster	07h	38.1m	+38°	53'	10.0	4.1	—
26	4244	Canes Venatici	Spiral galaxy	12h	17.5m	+37°	49'	10.0	17x2.3	—
27	8888	Cygnus	Bright nebula	20h	12.0m	+38°	21'	7.5	18x12	Crescent Nebula
28	752	Andromeda	Open cluster	01h	57.8m	+37°	41'	5.7	50	—
29	6005	Canes Venatici	Spiral galaxy	13h	10.9m	+37°	03'	9.8	5.5x2.5	—
30	7331	Pegasus	Spiral galaxy	22h	37.1m	+34°	25'	9.5	11x4	—
31	IC 405	Auriga	Bright nebula	05h	16.2m	+34°	16'	—	30x19	Flaming Star Nebula
32	4631	Canes Venatici	Spiral galaxy	12h	42.1m	+32°	32'	9.3	15x3	—
33	6992/5	Cygnus	Supernova remnant	20h	58.4m	+31°	43'	—	60x8	Eastern Veil Nebula
34	6960	Cygnus	Supernova remnant	20h	45.7m	+30°	43'	—	70x6	Western Veil Nebula
35	4889	Coma Berenices	Elliptical galaxy	13h	00.1m	+27°	59'	11.2	3x2	Brightest in Coma Cluster
36	4559	Coma Bernices	Spiral galaxy	12h	36.0m	+27°	58'	9.9	11x5	—
37	6885	Vulpecula	Open cluster	20h	12.0m	+26°	29'	5.8	7	—
38	4585	Coma Berenices	Spiral galaxy	12h	36.3m	+25°	59'	9.6	14x3	—
39	2392	Gemini	Planetary nebula	07h	29.2m	+20°	55'	9.2	0.2/0.7	Eskimo Nebula
40	3626	Leo	Spiral galaxy	11h	20.1m	+18°	21'	11.0	3x2	—
41	—	Taurus	Open cluster	04h	27m	+16°	00'	0.5	330	Hyades
42	7006	Delphinus	Globular cluster	21h	01.5m	+16°	11'	10.8	2.8	Very distant globular
43	4814	Pegasus	Spiral galaxy	00h	03.3m	+16°	09'	11.0	6x3	—
44	7479	Pegasus	Spiral galaxy	23h	04.9m	+12°	19'	11.0	4x3	—
45	5248	Boötes	Spiral galaxy	13h	37.5m	+08°	53'	10.0	6x5	—
46	2261	Monoceros	Bright nebula	08h	39.2m	+08°	44'	10.0	3x2	Hubble's Variable Nebula
47	6934	Delphinus	Globular cluster	20h	34.2m	+07°	24'	8.8	5.9	—
48	2775	Cancer	Spiral galaxy	09h	10.3m	+07°	02'	10.0	5x3	—
49	2237.9	Monoceros	Bright nebula	06h	32.3	+05°	03'	—	80x60	Rosette Nebula
50	2244	Monoceros	Open cluster	05h	32.4m	+04°	52'	4.7	23	—
51	IC 1613	Cetus	Irregular galaxy	01h	04.8m	+02°	07'	9.2	19x18	—
52	4697	Virgo	Elliptical galaxy	12h	48.8m	-05°	48'	9.3	6x3	—
53	3115	Sextan	Spiral galaxy	10h	05.2m	-07°	43'	9.0	8x3	Spindle Galaxy
54	2508	Monoceros	Open cluster	08h	00.2m	-10°	47'	7.6	7	—
55	7009	Aquarius	Planetary nebula	21h	04.2m	-11°	22'	8.2	2.5/1	Saturn Nebula
56	248	Cetus	Planetary nebula	00h	47.0m	-11°	53'	10.9	3.8	—
57	6822	Sagittarius	Irregular galaxy	19h	44.9m	-14°	48'	8.8	10x9	Barnard's Galaxy
58	2360	Canis Major	Open cluster	07h	17.8m	-15°	37'	7.2	12	—
59	3242	Hydra	Planetary nebula	10h	24.8m	-18°	38'	7.8	0.3/2.1	Ghost of Jupiter
60	4038	Corvus	Irregular galaxy	12h	01.9m	-18°	52'	10.9	5x3	Antennae NW
61	4039	Corvus	Irregular galaxy	12h	01.9m	-18°	53'	12.7	3x2	Antennae SE

62	247	Cetus	Spiral galaxy	00 h	47.1 m	-20°	46'	9.2	19x6	—
63	7283	Aquarius	Planetary nebula	22 h	29.6 m	-20°	48'	7.3	13	Helix Nebula
64	2362	Canis Major	Open cluster	07 h	18.8 m	-24°	57'	4.1	8	Tau CMa Cluster
65	283	Sculptor	Spiral galaxy	00 h	47.8 h m	-25°	17'	7.6	30x6	Sculptor Galaxy
66	5694	Hydra	Globular cluster	14 h	39.6 m	-26°	32'	9.2	3.6	—
67	1097	Fornax	Spiral galaxy	02 h	46.3 m	-30°	17'	9.2	10x6	—
68	6729	Corona Australis	Bright nebula	19 h	01.9 m	-36°	57'	9.7	1.0	RCrA Nebula
69	6302	Scorpius	Planetary nebula	17 h	13.7 m	-37°	06'	9.6	0.8	Bug Nebula
70	300	Sculptor	Spiral galaxy	00 h	54.9 m	-37°	41'	8.2	20x13	Southern Pinwheel
71	2477	Puppis	Open cluster	07 h	52.3 m	-38°	33'	5.8	27	—
72	65	Sculptor	Spiral galaxy	00 h	14.9 m	-39°	11'	8.0	31x6	—
73	1851	Columba	Globular cluster	05 h	14.1 m	-40°	03'	7.2	11	—
74	3132	Vela	Planetary nebula	10 h	07.7 m	-40°	26'	9.6	0.8	Southern Ring Nebula
75	6124	Scorpius	Open cluster	16 h	25.6 m	-40°	40'	5.8	29	—
76	6231	Scorpius	Open cluster	16 h	54.0 m	-41°	48'	2.6	14	—
77	6128	Centaurus	Elliptical galaxy	13 h	25.5 m	-43°	01'	6.8	30x22	Centaurus A radio source
78	6541	Corona Australis	Globular cluster	18 h	08.0 m	-43°	42'	6.2	13	—
79	3201	Vela	Globular cluster	10 h	17.6 m	-46°	25'	6.8	18	—
80	5139	Centaurus	Globular cluster	13 h	26.8 m	-47°	29'	3.5	36	Omega Centauri
81	8352	Ara	Globular cluster	17 h	25.5 m	-48°	25'	8.0	7	—
82	6193	Ara	Open cluster	16 h	41.3 m	-48°	46'	5.2	15	—
83	4945	Centaurus	Spiral galaxy	13 h	05.4 m	-49°	28'	8.7	23x5	—
84	5286	Centaurus	Globular cluster	13 h	46.4 m	-51°	22'	7.6	9	—
85	IC 2391	Vela	Open cluster	08 h	40.2 m	-53°	04'	2.5	50	Omicron Vel Cluster
86	8397	Ara	Globular cluster	17 h	40.7 m	-53°	40'	5.7	26	—
87	1281	Horologium	Globular cluster	03 h	12.3 m	-55°	13'	8.3	7	—
88	5823	Circinus	Open cluster	15 h	05.7 m	-55°	36'	7.9	10	—
89	6087	Norma	Open cluster	16 h	18.9 m	-57°	54'	5.4	12	S Normae Cluster
90	2887	Carina	Planetary nebula	09 h	21.4 m	-58°	19'	9.7	0.2	—
91	3632	Carina	Open cluster	11 h	06.4 m	-58°	40'	3.0	55	—
92	3372	Carina	Bright nebula	10 h	43.8 m	-59°	52'	3.0	120x120	Eta Carinae Nebula
93	8752	Pavo	Globular cluster	19 h	10.9 m	-59°	59'	5.3	20	—
94	4755	Crux	Open cluster	12 h	53.6 m	-60°	20'	4.2	10	Jewel Box Cluster
95	6025	Triangulum Aus.	Open cluster	16 h	03.7 m	-60°	30'	5.1	12	—
96	2516	Carina	Open cluster	07 h	58.3 m	-60°	52'	3.8	30	Southern Beehive
97	3768	Centaurus	Open cluster	11 h	36.1 m	-61°	37'	5.3	12	—
98	4609	Crux	Open cluster	12 h	42.3 m	-62°	58'	6.9	5	—
99	—	Crux	Dark nebula	12 h	53 m	-63°	00'	—	400x300	Coalsack
100	IC 2944	Centaurus	Open cluster	11 h	36.6 m	-63°	02'	4.5	15	Lambda Cen Cluster
101	6744	Pavo	Spiral galaxy	19 h	09.8 m	-63°	51'	8.5	15x10	—
102	IC 2602	Carina	Open cluster	10 h	43.2 m	-64°	24'	1.9	50	Theta Car Cluster
103	2070	Dorado	Bright nebula	05 h	38.7 m	-69°	06'	4.0	30x20	Tarantula Nebula
104	382	Tucana	Globular cluster	01 h	03.2 m	-70°	51'	6.4	14	—
105	4833	Musca	Globular cluster	12 h	59.6 m	-70°	53'	6.9	14	Southern Butterfly
106	104	Tucana	Globular cluster	00 h	24.1 m	-72°	05'	4.0	40	47 Tucanae
107	6101	Apus	Globular cluster	16 h	25.8 m	-72°	12'	9.3	11	—
108	4372	Musca	Globular cluster	12 h	25.8 m	-72°	40'	7.2	19	—
109	3195	Chamaeleon	Planetary nebula	10 h	09.5 m	-80°	52'	11.6	0.6	—