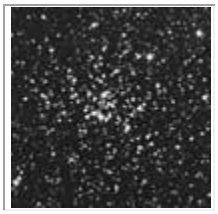
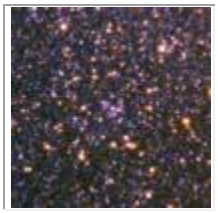
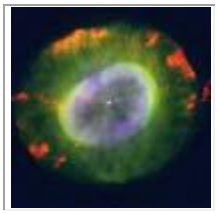
The Caldwell Catalogue was compiled in 1995 by Sir Patrick Moore. He has said he started it for fun because he had some spare time after finishing writing up his latest observations of Mars. He looked at some nebulae, including the ones Charles Messier had not listed in his catalogue. Messier was only interested in listing those objects which he thought could be confused for the comets, he also only listed objects viewable from where he observed from in the Northern hemisphere. Moore's catalogue extends into the Southern hemisphere.
Having completed it in a few hours, he sent it off to the Sky & Telescope magazine thinking it would amuse them. They published it in December 1995. Since then, the list has grown in popularity and use throughout the amateur astronomy community. Obviously Moore couldn't use 'M' as a prefix for the objects, so seeing as his surname is actually Caldwell-Moore he used C, and thus also known as the Caldwell catalogue.

http://www.12dstring.me.uk/caldwelllistform.php

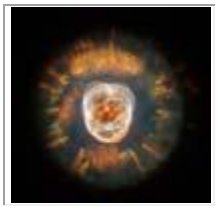
Caldwell Number	NGC Number	Type	Distance	Apparent Magnitude	Picture
C1	NGC 188	Open Cluster	4.8 kly	+8.1	
C2	NGC 40	Planetary Nebula	3.5 kly	+11.4	
C3	NGC 4236	Galaxy	7000 kly	+9.7	

C4	NGC 7023	Open Cluster	1.4 kly	+7.0	
C5	NGC 0	Galaxy	13000 kly	+9.2	
C6	NGC 6543	Planetary Nebula	3 kly	+8.1	
C7	NGC 2403	Galaxy	14000 kly	+8.4	
C8	NGC 559	Open Cluster	3.7 kly	+9.5	
C9	NGC 0	Nebula	2.8 kly	+0.0	
C10	NGC 663	Open Cluster	7.2 kly	+7.1	
C11	NGC 7635	Nebula	7.1 kly	+11.0	

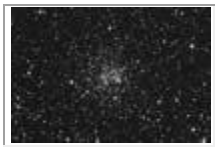
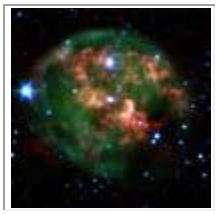
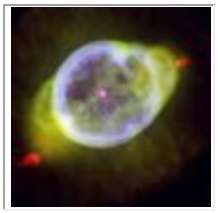
C12	NGC 6946	Galaxy	18000 kly	+8.9	
C13	NGC 457	Open Cluster	9 kly	+6.4	
C14	NGC 869	Open Cluster	7.3 kly	+4.3	
C15	NGC 6826	Planetary Nebula	2.2 kly	+8.8	
C16	NGC 7243	Open Cluster	2.5 kly	+6.4	
C17	NGC 147	Galaxy	2300 kly	+9.3	
C18	NGC 185	Galaxy	2300 kly	+9.2	
C19	NGC 0	Nebula	3.3 kly	+7.2	

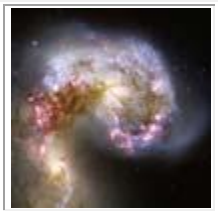
C20	NGC 7000	Nebula	1.8 kly	+0.0	
C21	NGC 4449	Galaxy	10000 kly	+9.4	
C22	NGC 7662	Planetary Nebula	3.2 kly	+8.3	
C23	NGC 891	Galaxy	31000 kly	+9.9	
C24	NGC 1275	Galaxy	230000 kly	+11.6	
C25	NGC 2419	Globular Cluster	275 kly	+10.4	
C26	NGC 4244	Galaxy	10000 kly	+10.2	
C27	NGC 6888	Nebula	4.7 kly	+0.0	

C28	NGC 752	Open Cluster	1.2 kly	+5.7	
C29	NGC 5005	Galaxy	69000 kly	+9.8	
C30	NGC 7331	Galaxy	47000 kly	+9.5	
C31	NGC 0	Nebula	1.6 kly	+0.0	
C32	NGC 4631	Galaxy	22000 kly	+9.3	
C33	NGC 6992	Supernova Remnant	2.5 kly	+7.0	
C34	NGC 6960	Supernova Remnant	2.5 kly	+7.0	
C35	NGC 4889	Galaxy	300000 kly	+11.4	

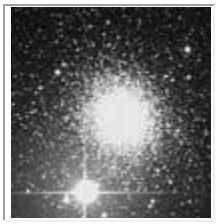
C36	NGC 4559	Galaxy	32000 kly	+9.8	
C37	NGC 6885	Open Cluster	1.95 kly	+5.9	
C38	NGC 4565	Galaxy	32000 kly	+9.6	
C39	NGC 2392	Planetary Nebula	4 kly	+9.2	
C40	NGC 3626	Galaxy	86000 kly	+10.9	
C41	NGC 0	Open Cluster	0.151 kly	+0.5	
C42	NGC 7006	Globular Cluster	135 kly	+10.6	
C43	NGC 7814	Galaxy	49000 kly	+10.5	
C44	NGC 7479	Galaxy	106000 kly	+11.0	

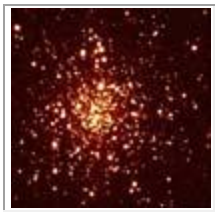
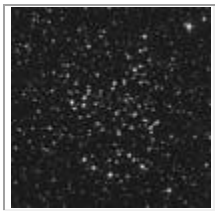
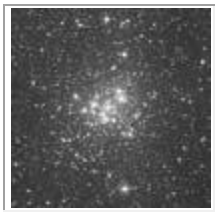
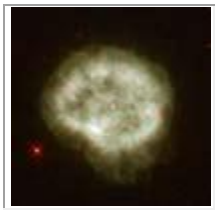
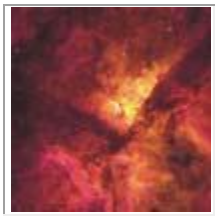
C45	NGC 5248	Galaxy	74000 kly	+10.2	
C46	NGC 2261	Nebula	2.5 kly	+9.0	
C47	NGC 6934	Globular Cluster	57 kly	+8.8	
C48	NGC 2775	Galaxy	55000 kly	+10.3	
C49	NGC 2237	Nebula	4.9 kly	+9.0	
C50	NGC 2244	Open Cluster	4.9 kly	+4.8	
C51	NGC 0	Galaxy	2300 kly	+9.3	
C52	NGC 4697	Galaxy	7600 kly	+9.3	

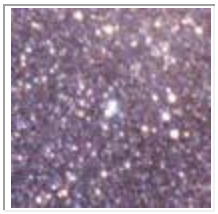
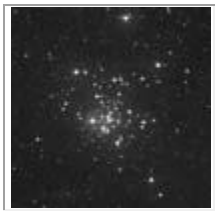
C53	NGC 3115	Galaxy	22000 kly	+9.1	
C54	NGC 2506	Open Cluster	10 kly	+7.6	
C55	NGC 7009	Planetary Nebula	1.4 kly	+8.0	
C56	NGC 246	Planetary Nebula	1.6 kly	+11.8	
C57	NGC 6822	Galaxy	2300 kly	+8.8	
C58	NGC 2360	Open Cluster	3.7 kly	+7.2	
C59	NGC 3242	Planetary Nebula	1.4 kly	+9.0	
C60	NGC 4038	Galaxy	83000 kly	+10.7	

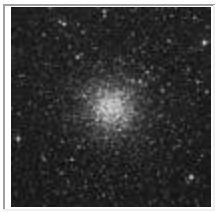
C61	NGC 4039	Galaxy	83000 kly	+11.8	
C62	NGC 247	Galaxy	6800 kly	+9.1	
C63	NGC 7293	Planetary Nebula	0.522 kly	+7.3	
C64	NGC 2362	Open Cluster	5.1 kly	+4.1	
C65	NGC 253	Galaxy	9800 kly	+7.1	
C66	NGC 5694	Globular Cluster	113 kly	+10.2	
C67	NGC 1097	Galaxy	47000 kly	+9.2	
C68	NGC 6729	Nebula	0.424 kly	+9.5	

C69	NGC 6302	Planetary Nebula	5.2 kly	+9.6	
C70	NGC 300	Galaxy	3900 kly	+8.7	
C71	NGC 2477	Open Cluster	3.7 kly	+5.8	
C72	NGC 55	Galaxy	4200 kly	+7.9	
C73	NGC 1851	Globular Cluster	39.4 kly	+7.3	
C74	NGC 3132	Planetary Nebula	2 kly	+9.4	
C75	NGC 6124	Open Cluster	1.5 kly	+5.8	
C76	NGC 6231	Open Cluster	6 kly	+2.6	

C77	NGC 5128	Galaxy	16000 kly	+7.0	
C78	NGC 6541	Open Cluster	22.3 kly	+6.6	
C79	NGC 3201	Globular Cluster	17 kly	+6.7	
C80	NGC 5139	Globular Cluster	17.3 kly	+3.8	
C81	NGC 6352	Globular Cluster	18.6 kly	+6.1	
C82	NGC 6193	Open Cluster	4.3 kly	+5.2	
C83	NGC 4945	Galaxy	17000 kly	+8.7	
C84	NGC 5286	Globular Cluster	36 kly	+7.6	

C85	NGC 0	Open Cluster	0.5 kly	+2.5	
C86	NGC 6397	Globular Cluster	7.5 kly	+5.6	
C87	NGC 1261	Globular Cluster	55.5 kly	+8.4	
C88	NGC 5823	Open Cluster	3.4 kly	+7.9	
C89	NGC 6087	Open Cluster	3.3 kly	+5.4	
C90	NGC 2867	Planetary Nebula	5.5 kly	+10.0	
C91	NGC 3532	Open Cluster	1.6 kly	+3.0	
C92	NGC 3372	Nebula	7.5 kly	+1.0	

C93	NGC 6752	Globular Cluster	13 kly	+5.4	
C94	NGC 4755	Open Cluster	4.9 kly	+4.2	
C95	NGC 6025	Open Cluster	2.5 kly	+5.1	
C96	NGC 2516	Open Cluster	1.3 kly	+3.8	
C97	NGC 3766	Open Cluster	5.8 kly	+5.3	
C98	NGC 4609	Open Cluster	4.2 kly	+6.9	
C99	NGC 0	Dark Nebula	0.61 kly	+0.0	
C100	NGC 0	Nebula	6 kly	+4.5	
C101	NGC 6744	Galaxy	34000 kly	+8.3	

C102	NGC 0	Open Cluster	0.492 kly	+1.9	
C103	NGC 2070	Nebula	170 kly	+8.2	
C104	NGC 362	Globular Cluster	27.7 kly	+6.6	
C105	NGC 4833	Globular Cluster	19.6 kly	+7.3	
C106	NGC 104	Globular Cluster	14.7 kly	+4.0	
C107	NGC 6101	Globular Cluster	49.9 kly	+9.3	
C108	NGC 4372	Globular Cluster	18.9 kly	+7.8	
C109	NGC 3195	Planetary Nebula	5.4 kly	+11.6