

LEE GALAXY QUEST CATALOGUE

1	2	3	4	5	6	7	8
2.4	IC 1613	01h04m47.8s	+02d07m04s	Cet	9.3	16.6 X 14.9	Dwarf irregular galaxy in Local Group.
6.5	NGC 4244	12h17m29.6s	+37d48m26s	CVn	11.1	14.7 X 2.4	The Silver Needle. Edge on spiral with regular regions of stellar clumping, possibly line of sight along spiral arms.
10	NGC 253	00h47m33.1s	-25d17m18s	Scl	8.2	26.8 X 5.9	Starburst galaxy and largest member of the Sculptor group.
11.6	NGC 2976	09h47m15.4s	+67d54m59s	UMa	10.1	5.9 X 2.7	Peculiar galaxy of the M81 Group. Undefined inner structure.
12.5	NGC 4449	12h28m11.9s	+44d05m40s	CVn	9.4	6.2 X 4.4	Dwarf irregular galaxy similar in size and morphology to the LMC.
18	NGC 672	01h47m54.5s	+27d25m58s	Tri	10.7	6.0 X 2.4	Interacting with IC 1727 at only 88,000 light years away.
21	NGC 2537	08h13m14.6s	+45d59m23s	Lyn	12.2	3.1 X 2.6	The Bear Paw. Distorted barred spiral with horseshoe shaped ring and knotted bar. ARP 6
22	NGC 5474	14h05m01.6s	+53d39m44s	UMa	11.7	4.4 X 3.3	Asymmetric spiral distorted gravitationally by the much larger neighbour, M101. The nucleus is seen of centre
24	NGC 660	01h43m02.4s	+13d38m42s	Psc	10.7	8.3 X 3.2	A polar ring galaxy formed by the collision of 2 galaxies. The central region is at a starbursting stage.
25	NGC 1156	02h59m42.2s	+25d14m14s	Ari	12.2	3.1 X 2.5	A Magellanic type dwarf irregular galaxy
25	NGC 2903	09h32m10.1s	+21d30m03s	Leo	8.8	12.6 X 6.0	A large bright spiral missed by Messier. Look for NGC 2905, a starcloud in NGC 2903.
25	NGC 3184	10h18m17.0s	+41d25m28s	UMa	9.6	7.4 X 6.9	Face on spiral with long sprawling arms and small nucleus.
25	NGC 4631	12h42m08.0s	+32d32m29s	CVn	9.0	15.2 X 2.8	Herring or Whale. A huge edge on spiral distorted by elliptical companion NGC 4627. Distorted NGC 4656 nearby. ARP 281
25	NGC 4656	12h43m57.7s	+32d10m05s	CVn	10.1	15.3 X 2.4	The Hockey Stick galaxy, disturbed by its neighbour NGC 4631.
27	NGC 4490	12h30m36.4s	+41d38m37s	CVn	9.5	6.4 X 3.2	Heavily distorted interacting spiral galaxies with NGC 4485 .A separation of 24,000 light years divides the two. ARP 269
30	NGC 891	02h22m33.4s	+42d20m57s	And	10.1	11.7 X 1.6	An unbarred spiral seen edge on with obvious dust lane. Filamentary dust patterns could be result of supernovae explosions.
31	NGC 4565	12h36m20.8s	+25d59m16s	Com	9.5	15.8 X 2.1	The Spindle. 100,000 light years across edge on spiral with bright central bulge and prominent dust lane.
31	NGC 4618	12h41m32.8s	+41d09m03s	CVn	10.6	4.2 X 3.4	A single arm spiral similar in appearance to the LMC. ARP 23.
32	UGC 7321	12h17m34.0s	+22d32m23s	Com	14.1	5.5 X 0.3	An extraordinary super thin edge on spiral. Very low surface brightness.
35	IC 2233	08h13m58.9s	+45d44m32s	Lyn	12.3	4.6 X 0.5	A super thin edge on spiral galaxy.
35	NGC 3628	11h20m17.0s	+13d35m23s	Leo	9.6	14.8 X 3.0	Part of the Leo triplet with M65 and M66. A tidal tail and distorted appearance suggests gravitational interaction in the group.
39	NGC 5907	15h15m53.8s	+56d19m44s	Dra	10.4	12.6 X 1.4	Thin edge on spiral with grand tidal streams of stars thought to be debris from a dwarf galaxy torn apart 4 billion years ago.
40	NGC 2685	08h55m34.7s	+58d44m04s	UMa	11.2	4.6 X 2.5	40,000 light year diameter polar ring galaxy known as the Helix. ARP 336.
40	NGC 3432	10h52m31.1s	+36d37m08s	LMi	11.1	6.6 X 1.6	Distorted edge on spiral. ARP 206

41	NGC 7217	22h07m52.4s	+31d21m34s	Peg	11.1	3.6 X 3.1	Early-type spiral (type Sab), with a dominant bulge and tightly wound arms. Spiral arms are typical flocculent or filamentary arms.
42	NGC 4088	12h05m34.2s	+50d32m21s	UMa	10.3	5.6 X 2.1	Grand design spiral forming a physical pair with NGC 4085, 11' away. ARP 18.
43	NGC 1055	02h41m45.2s	+00d26m35s	Cet	10.6	7.6 X 2.1	Large edge on spiral at over 100,000 light years in diameter close to M77.
44	NGC 1073	02h43m40.5s	+01d22m34s	Cet	10.8	4.9 X 4.3	Dim barred spiral galaxy well known due to harbouring three line of sight quasars.
45	NGC 4038	12h01m53.0s	-18d52m10s	Crv	10.3	3.4 X 1.7	2 galaxies in collision. Bright star forming regions with long tidal streams. ARP 244. Compare with NGC 4027,NGC 3981 in group.
47	NGC 3384	10h48m16.9s	+12d37m46s	Leo	9.9	5.4 X 2.7	Triplet with M105 and NGC 3389. Barred Lenticular galaxy.
49	NGC 3359	10h46m36.8s	+63d13m25s	UMa	10.3	7.2 X 4.4	Barred Spiral with a young central bar.
50	NGC 4151	12h10m32.6s	+39d24m21s	CVn	10.3	6.3 X 4.5	An intermediate spiral Seyfert galaxy.
50	NGC 4438	12h27m45.6s	+13d00m32s	Vir	10.0	8.5 X 3.0	A disturbed galaxy after a close encounter with NGC 4435. Virgo cluster
50	NGC 4526	12h34m03.0s	+07d41m57s	Vir	9.6	7.0 X 2.5	Classed as a lenticular. Host to a recent Supernova. Virgo cluster.
50	NGC 4762	12h52m56.0s	+11d13m51s	Vir	10.1	8.7 X 1.7	Edge on galaxy with distorted extended envelope. Probably with NGC 4754
50	VIRGOHI21	12 17 53.6	+14 45 25	Vir	-	-	The Dark Galaxy, enough mass in gas to form 100 billion stars and probably causing the tidal arm in M99. Not visible.
52	NGC 3718	11h32m34.8s	+53d04m05s	UMa	10.6	8.1 X 4.0	Highly distorted spiral interacting with NGC 3729. Classed as a Low-ionization Nuclear Emission-line Regions LINER or Seyfert
52	NGC 4535	12h34m20.3s	+08d11m52s	Vir	9.8	7.1 X 5.0	A beautiful face on spiral with star forming regions almost to the centre. Part of Hubble Space Telescope Distance Project
60	NGC 3166	10h13m45.8s	+03d25m30s	Sex	10.5	4.8 X 2.3	Interacting pair with NGC 3169.
60	NGC 4298	12h21m32.7s	+14d36m22s	Com	11.4	3.2 X 1.9	Tightly wound spiral arms very close to NGC 4302, an edge on spiral at twice the diameter.
60	NGC 4647	12h43m32.3s	+11d34m55s	Vir	11.4	2.9 X 2.3	Spiral companion to large elliptical M60. ARP 116.
62	NGC 4388	12h25m46.7s	+12d39m44s	Vir	11.9	5.5 X 1.4	Spiral galaxy with active nucleus. Newly discovered gas clouds 100,000 light years across emanating from centre.
64	NGC 450	01h15m30.4s	-00d51m39s	Cet	11.6	3.0 X 2.4	Optical companions with dramatically different redshifts. UGC 807 is 6 times further away.
65	NGC 613	01h34m18.2s	-29d25m06s	Scl	11.0	5.2 X 3.5	Barred spiral with very active nucleus suggesting the presence of a massive black hole.
68	NGC 3185	10h17m38.6s	+21d41m18s	Leo	12.0	2.1X 1.4	Hickson Compact Group 44 with NGC 3187, NGC 3190 and NGC 3193
68	NGC 4027	11h59m30.2s	-19d15m55s	Crv	11.0	3.3 X 2.4	Peculiar barred spiral with one long arm. ARP 22
70	NGC 4450	12h28m29.6s	+17d05m06s	Com	10.1	5.4 X 4.1	Smooth spiral galaxy near M85 and M100 in the Virgo cluster.
70	NGC 4666	12h45m08.6s	-00d27m43s	Vir	10.8	4.5 X 1.4	A 'Superwind' galaxy. Interacting with it's neighbour NGC 4668.
71	NGC 2964	09h42m54.2s	+31d50m50s	Leo	11.2	3.0 X 1.7	A visual pairing with peculiar galaxy NGC 2968.
72	NGC 7742	23h44m15.7s	+10d46m01s	Peg	11.6	1.7 X 1.7	A face on spiral with a ring and no bar. A Seyfert probably harbouring a massive black hole.
77	NGC 3227	10h23m30.6s	+19d51m54s	Leo	10.4	4.1 X 3.9	A Seyfert spiral galaxy interacting with a dwarf elliptical NGC 3226. ARP 94
80	NGC 4319	12h21m43.9s	+75d19m21s	Dra	12.0	2.8 X 2.1	The Halton Arp redshift controversy. Is there a connecting bar between NGC 4319 and MRK 205 at 15X further.

82	NGC 5054	13h16m58.5s	-16d38m05s	Vir	10.9	5.1 X 2.8	Irregular (distorted spiral) galaxy showing signs of interaction in the past.
85	NGC 3504	11h03m11.2s	+27d58m21s	LMi	10.9	2.7 X 2.1	Luminous barred spiral with ring arms.
90	NGC 488	01h21m46.8s	+05d15m24s	Psc	10.4	5.4 X 3.9	A spiral with subtle and tightly wound arms.
93	NGC 3395	10h49m50.1s	+32d58m58s	LMi	12.4	1.7 X 0.9	Merging galaxies with NGC 3396. ARP 270
95	NGC 5746	14h44m55.9s	+01d57m18s	Vir	10.5	7.4 X 1.3	Edge on spiral displaying a box like central halo.
100	NGC 520	01h24m35.1s	+03d47m33s	Psc	11.3	3.4 X 1.7	A collision of 2 disk galaxies. ARP 157
102	UGC 10041	15h49m01.4s	+05d11m19s	Ser	15.9	2.3 X 1.2	Low surface brightness face on irregular/spiral.
105	NGC 7479	23h04m56.6s	+12d19m22s	Peg	10.9	4.0 X 3.1	Bright barred spiral.
108	NGC 2357	07h17m41.0s	+23d21m24s	Gem	13.7	3.6 X 0.5	Low brightness flat galaxy near the Milkyway.
111	NGC 2782	09h14m05.1s	+40d06m49s	Lyn	11.4	3.7 X 2.4	Face on spiral with one extended arm. ARP 215
114	NGC 5426	14h03m24.8s	-06d04m09s	Vir	12.1	3.0 X 1.7	2 almost identical spirals interacting and showing exchange of material with NGC 5427. ARP 271.
117	NGC 4567	12h36m32.7s	+11d15m29s	Vir	11.3	3.1 X 2.2	The Siamese Twins or the Butterfly galaxies. Merging with NGC 4568 within the Virgo Cluster.
130	NGC 772	01h59m19.6s	+19d00m27s	Ari	10.3	7.2 X 4.3	A possible interaction with elliptical NGC 770 has caused the disturbed spiral arm. ARP 78.
132	NGC 3786	11h39m42.5s	+31d54m33s	UMa	12.4	2.1 X 1.1	An interesting trio with NGC 3788 lying perpendicular and a smaller fainter NGC 3793.
144	NGC 2207	06h16m22.0s	-21d22m22s	CMa	11.0	3.9 X 2.2	A merging pair with IC 2163. At a very early stage in the merger process.
149	NGC 5908	15h16m43.2s	+55d24m33s	Dra	12.0	3.3 X 1.4	Edge on spiral with prominent dust lane close top face on spiral NGC 5905. About 500,000 light years separate the two.
150	NGC 1	00h07m15.8s	+27d42m29s	Peg	12.8	1.7 X 1.2	1st of the NCG objects with fainter NGC 2 very close. Look for NGC 16 within 0.5 degree field.
155	NGC 2523	08h15m00.1s	+73d34m44s	Cam	11.8	2.9 X 1.8	A beautiful barred spiral with edge on spiral NGC 2523B nearby.
162	NGC 5394	13h58m33.6s	+37d27m13s	CVn	12.9	1.9 X 1.3	The Heron galaxies. Interacting pair with NGC 5395. ARP 84
174	NGC 7771	23h51m24.9s	+20d06m43s	Peg	12.1	2.4 X 1.1	A pair of spirals with NGC 7769. Look for NGC 7770 very close to NGC 7771.
179	UGC 12914	00h01m38.3s	+23d29m01s	Peg	13.7	2.0 X 1.2	The Taffy galaxies. Interacting pair with UGC 12915.
180	NGC 128	00h29m15.0s	+02d51m51s	Psc	11.8	2.5 X 0.7	Edge on spiral with peculiar box nucleus flanked closely by fainter NGC 127 and NGC 130. NGC 125 is nearby.
180	NGC 4169	12h12m18.8s	+29d10m46s	Com	12.2	1.8 X 0.9	Hickson group 61. The box cluster, a symmetrical quartet with NGC 4173, NGC 4174, NGC 4175.
190	NGC 6027	15h59m12.5s	+20d45m48s	Ser	13.8	0.7 X 0.5	Seyfert's Sextet. A compact group of 6 galaxies also known as Hickson 79.
193	NGC 4782	12h54m35.7s	-12d34m07s	Crv	11.7	1.8 X 1.7	The Dumbbell Galaxies made up of 2 closely interacting ellipticals. Look for NGC 4794 nearby.
195	NGC 6710	18h50m34.1s	+26d50m18s	Lyr	13.3	1.7 X 1.0	A faint spiral in the Milkway stars of Lyra.
200	NGC 5754	14h45m19.6s	+38d43m53s	Boo	13.1	2.0 X 1.8	A grouping of 4 galaxies with NGC 5752, NGC 5753, NGC 5755. Note that NGC 5755/3 are at twice the distance. ARP 297
202	NGC 3646	11h21m43.1s	+20d10m10s	Leo	10.8	3.9 X 3.9	Ring galaxy. A spiral with ring pattern exhibited by the arms.
206	NGC 6745	19h01m41.7s	+40d45m11s	Lyr	13.9	1.3 X 0.5	Small and faint. A peculiar galaxy made up of 3 galaxies in collision, the much smaller NGC 6745B is moving away.

218	NGC 750	01h57m32.7s	+33d12m33s	Tri	12.0	1.6 X 1.3	Close galaxy pair with NGC 751. ARP 166.
218	UGC 3995	07h44m09.3s	+29d14m48s	Gem	13.7	2.0 X 1.0	2 very closely interacting or overlapping spiral galaxies.
221	NGC 1618	04h36m06.6s	-03d08m56s	Eri	12.7	2.4 X 0.8	3 spiral galaxies close to 48-Nu Eridani with NGC 1622 and NGC 1625.
235	NGC 1275	03h19m48.1s	+41d30m42s	Per	11.7	2.3 X 1.6	Spiral galaxy passing through the large elliptical at the heart of the Perseus cluster.
248	NGC 2521	08h08m49.4s	+57d46m11s	Lyn	13.1	1.2 X 0.7	Elongated elliptical in loose cluster. Possible multiple core.
252	UGC 2885	03h53m04.3s	+35d35m31s	Per	14.2	4.3 X 2.1	Largest known spiral galaxy at 815,000 light years diameter, about 9 X diameter of the Milkyway.
265	NGC 7335	22h37m19.4s	+34d26m52s	Peg	13.8	1.2 X 0.6	Brightest member of a galaxy group situated behind the foreground spiral NGC 7331. Look for NGC 7336, NGC 7337, NGC 7340.
269	NGC 3821	11h42m09.1s	+20d18m57s	Leo	12.8	1.4 X 1.3	A face on galaxy with a faint ring arm.
270	NGC 6621	18h12m55.3s	+68d21m48s	Dra	13.2	2.1 X 0.8	A highly disturbed interacting pair with NGC 6622. ARP 81.
270	NGC 7318	22h35m57.6s	+33d57m56s	Peg	13.4	1.2 X 1.0	Member of the interacting group of Stephan's Quintet. Hickson 92/ ARP 319.
297	NGC 3842	11h44m02.1s	+19d56m59s	Leo	11.8	1.4 X 1.0	Large elliptical at the centre of galaxy cluster Abell 1367. Other galaxies include NGC 3837, 3841, 3844, 3845, 3840.
297	UGC 3973	07h42m32.8s	+49d48m35s	Lyn	13.9	1.3 X 1.1	Face on barred spiral galaxy.
300	NGC 5257	13h39m52.3s	+00d50m22s	Vir	12.1	1.6 X 0.8	Interacting spirals connected by a tidal bridge with NGC 5258. ARP 240.
301	NGC 70	00h18m22.5s	+30d04m46s	And	13.4	1.6 X 1.4	Tight cluster of galaxies with NGC 68/71/72. ARP 113.
306	NGC 4676	12h46m10.1s	+30d43m55s	Com	13.5	1.4 X 0.6	The Mice. Interacting and merging spirals with NGC 4676B producing long tidal tails. ARP 242.
308	UGC 3781	07h17m58.3s	+40d59m06s	Aur	16.0	0.6 X 0.4	Small interacting pair forming long tidal tail.
310	NGC 7436	22h57m56.9s	+26d09m00s	Peg	12.9	2.0 X 2.0	Elliptical within tight group of galaxies to include NGC 7431, NGC 7433, NGC 7435.
326	NGC 3808	11h40m44.4s	+22d26m16s	Leo	13.4	1.6 X 0.9	A merging pair with spiral NGC 3808 forming an enveloping arm around its companion NGC 3808A. ARP 87
329	NGC 4874	12h59m35.7s	+27d57m34s	Com	11.9	1.9 X 1.9	Giant core dominant (cD) elliptical at the heart of the Coma cluster.
332	NGC 6487	17h52m41.8s	+29d50m19s	Her	12.2	1.8 X 1.8	Giant elliptical galaxy with smaller companion NGC 6486.
350	NGC 7768	23h50m58.6s	+27d08m51s	Peg	12.3	1.6 X 1.3	Giant elliptical within a small group of galaxies including NGC 7765, NGC 7766, NGC 7767
356	UGC 4270	08h13m21.1s	+57d51m08s	Lyn	14.7	1.6 X 1.0	Barred spiral with long arms.
365	UGC 4765	09h05m54.4s	+47d10m45s	UMa	14.9	0.8 X 0.6	Interacting pair with PGC 25528 and emanating tidal streamers.
370	UGC 6527	11h32m37.6s	+52d56m53s	UMa	15.0	0.5 X 0.3	Highly disturbed Seyfert galaxy interacting with it's near neighbours which belong to compact group Hickson 56. Near NGC 3718.
388	NGC 7720	23h38m29.4s	+27d01m53s	Peg	12.4	1.6 X 1.3	Core Dominant (cD) elliptical at the centre of Abell cluster 2634.
396	NGC 3753	11h37m53.9s	+21d58m53s	Leo	13.7	1.7 X 0.5	Member of Copeland's Septet, a compact group of 8 galaxies with NGC 3745, 3746, 3748, 3750, 3751,3754. Hickson 57, ARP320
399	NGC 6166	16h28m38.5s	+39d33m06s	Her	11.9	1.9 X 1.4	Large elliptical at centre of Abell 2199. Core has 3 distinctive nuclei. Possibly part of a multi nucleus core or just line of sight galaxy.
400	NGC 6240	16h52m58.9s	+02d24m03s	Oph	12.8	2.1 X 1.0	The Starfish. An Ultra luminous Infrared Galaxy (ULIRG). A remnant of a 2 galaxy merger. Highly distorted.

417	UGC 10214	16h06m03.9s	+55d25m32s	Dra	14.6	2.4 X 0.9	Tadpole galaxy. A highly disrupted barred spiral sporting a long tidal tail caused by a nearby pass of a more compact system.
430	3C 120	04h33m11.1s	+05d21m16s	Tau	15.1	0.8 X 0.5	Variable brightness galaxy erroneously identified for a variable star BW Tau.
450	NGC 702	01h48m47.30s	-04d17m55.9s	Cet	13.1	1.2 X 0.8	Interacting pair. ARP 75
450	NGC 6050	16h05m23.4s	+17d45m26s	Her	14.1	0.9 X 0.6	A collision of 2 spiral galaxies with IC 1179 in the Hercules cluster. ARP 272
452	UGC 5161	09h40m56.5s	+27d46m40s	Leo	15.7	0.8 X 0.4	Highly distorted interacting compact group of galaxies
458	UGC 9799	15h16m44.5s	+07d01m17s	Ser	14.3	1.8 X 0.9	cD elliptical galaxy at the centre of Abell 2052. Also host to 3C 317.
461	NGC 6041	16h04m35.3s	+17d43m09s	Her	13.4	1.3 X 1.1	Large elliptical within the Hercules cluster with over 100 galaxies.
466	NGC 3550	11h10m38.7s	+28d46m06s	UMa	13.2	1.0 X 1.0	Elliptical in dense galaxy cluster Abell 1185 also containing ARP 105, the Guitar with NGC 3561.
512	CGCG 407-053	23h44m58.5s	+09d11m51s	Peg	14.7	1.4 X 1.0	Galaxy triplet.
559	PGC 54559	15h17m14.4s	+21d35m08s	Ser	16.3	0.3 X 0.3	Hoag's Object after it's discoverer Arthur Hoag in 1950. For explanation see http://heritage.stsci.edu/2002/21/lucas_files/lucas.html
564	NGC 2484	07h58m28.1s	+37d47m12s	Lyn	13.3	0.9 X 0.8	Classed as spiral : could be a large elliptical (SDSS).
581	IC 1162	16h01m16.3s	+17d40m40s	Her	14.5	0.7 X 0.5	Face on spiral near NGC 6030
601	MRK 845	15h07m45.0s	+51d27m10s	Boo	15.5	0.9 X 0.4	Great Bootes Void galaxy.
601	NGC 326	00h58m22.7s	+26d51m55s	Psc	13.3	1.4 X 1.4	Large elliptical and brightest member of small group Zwicky 0056.9+2636. Radio source made up of 2 close ellipticals.
660	IC 2497	09h41m04.1s	+34d43m58s	LMi	15.0	0.6 X 0.3	Hanny's Voorwerp: Large mass of dust and gas near IC 2497. Illuminated from a quasar outburst from within IC 2497. Very rare.
693	IC 5338	23h36m30.6s	+21d08m50s	Peg	14.0	1.0 X 0.7	Elliptical in galaxy cluster Abell 2626
694	PGC 63099	19h21m08.6s	+43d56m50s	Cyg	14.8	1.1 X 0.8	Galaxy triple within cluster.
705	CGCG 201-045	18h57m37.5s	+38d00m32s	Lyr	14.1	1.0 X 0.9	Elliptical within cluster. Radio source.
725	MRK 0376	07h14m15.1s	+45d41m56s	Lyn	14.9	0.3 X 0.2	Seyfert: AGN : X-ray
734	2MASX J1022 5654+3446467	10h22m56.5s	+34d46m47s	LMi	14.0	NA	Close interacting pair.
771	UGC 545	00h53m34.9s	+12d41m36s	Psc	14.8	0.5 X 0.3	Spiral with radio quiet AGN.
825	IC 4122	13h03m24.4s	+20d11m49s	Com	14.4	0.3 X 0.3	Elliptical
821	PGC 49005	13h48m52.4s	+26d35m34s	Boo	15.2	1.2 X 0.8	Massive Elliptical at the centre of galaxy cluster Abell 1795. Part of the Bootes Supercluster
910	MCG+03-32-83	12h41m17.5s	+18d34m28s	Com	15.6	0.3 X 0.1	Large elliptical at the centre of galaxy cluster Abell 1589.
930	MCG+07-27-039	13h11m08.6s	+39d13m37s	CVn	15.2	0.7 X 0.7	Large elliptical at the centre of galaxy cluster Abell 1691
969	UGC 8738	13h49m23.6s	+28d06m26s	CVn	14.8	1.4 X 0.6	Large elongated elliptical (possible spiral??) at centre of Abell 1800
997	IC 1101	15h10m56.1s	+05d44m41s	Vir	14.0	1.2 X 0.6	cD galaxy at the centre of galaxy cluster Abell 2029.
1000	CGCG 205-046	07h26m00.4s	+40d00m19s	Aur	15.6	NA	Face on spiral with small nearby companion not unlike M51
1009	MRK 478	14h42m07.4s	+35d26m23s	Boo	14.9	0.5 X 0.3	Seyfert spiral galaxy. AGN : X-ray
1117	III Zw 002	00h10m30.8s	+10d58m13s	Psc	15.4	NA	Faint triple system
1148	3C 388	18h44m02.4s	+45d33m30s	Lyr	15.8	0.7 X 0.6	Radio galaxy within galaxy cluster
1155	X COM	13h00m22.1s	+28d24m03s	Boo	16.4	0.6 X 0.3	AGN. Variable brightness galaxy.
1210	3C 321	15h31m43.4s	+24d04m19s	Ser	16.8	0.3 X 0.2	Possible interacting galaxies. Radio source.
1702	HCG 50	11h17m06.1s	+54d55m07s	UMa	18.2(B)	0.2 X 0.1	Faintest and most distant of the Hickson compact galaxy groups.

1757	KUG 1320+255	13h22m57.9s	+25d14m55s	Com	15.8	0.6 X 0.5	Distant face on spiral.
1859	HERCULES A	16h51m08.1s	+04d59m33s	Her	17.8	0.4 X 0.3	A luminous radio loud galaxy with active nucleus.
1918	3C 273	12h29m06.7s	+02d03m09s	Vir	13.0	0.0 X 0.0	Quasar with brightest apparent magnitude and one of the closest. First object to be identified as a quasar.
2180	ABELL 1689	13h11m29.5s	-01d20m17s	Vir	17.6	13	One of the most massive objects in the universe. A gravitational lens bending light from galaxies 13 billion light years away.
2180	SDSS J123905.12h39m05.7s 69+491504.0		+49d15m04s	CVn	18.7	0.2 X 0.1	Distant spiral.
2436	CGCG 083-002	17h35m28.0s	+09d25m37s	Oph	15.5	NA	Incorrect published redshift? Spiral.
2626	2MASX J1543 0777+1937522 ID	15h43m07.8s	+19d37m52s	Ser	16	NA	Very distant Seyfert. Probably spiral.
8633	[HB89] 1634 +706	16h34m28.9s	+70d31m33s	Dra	14.9	0.0	Extremely luminous quasar with an absolute magnitude of -30.3. more than 4000 time more luminous than M31
8852	Q 0957+561	10h01m20.7s	+55d53m56s	UMa			LENSED DOUBLE QUASAR NEAR NGC 3079
11353	MG2J165543 +1949	16h55m43.6s	+19d48m47s	Her	16.2	0.0	Very luminous and distant lensed quasar. Absolute magnitude -31.4.
NA	PGC 62664	19h00m05.7s	+40d54m00s	Lyr	15.4	1.2 X 0.5	Compact group of 3 galaxies. No redshift data.

KEY

1. Light travel time to Earth (million light years) 2. Name / ID 3. RA (eq 2000) 4. DEC (eq 2000) 5. Constellation 6. Magnitude
7. Size (arc mins) 8. Comment

NGC - New General Catalogue **IC** - Index Catalogue **PGC** - Principal Galaxy Catalogue **UGC** - Uppsala General Catalogue
MCG - Morphological Catalogue of Galaxies **CGCG** - Catalogue of Galaxies and of Clusters of Galaxies **HCG** - Hickson Compact Groups
MRK - Markarian **SDSS** - Sloan Digital Sky Survey **3C** - Third Cambridge Catalogue of Radio Sources

SUBMISSIONS

Please submit images, drawings and text observations. For enquiries and submissions: gainlee@aol.com.
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