Levy's Catalog of Comet Masqueraders and More

This list is sorted by Levy numbers in ascending order **

Prepared by Bill Logan last revision January 5, 2007

L = David Levy's observation numbers
M = Charles Messier Catalog
UGC = Uppsala General Catalog
PGC = Palomar Green Catalog
N/A = Data not available
AH = Archival and Hayne's Star Clusters book
UR = Uranometria 2000.0
DSS = Digitalized Sky Survey (http://skyview.gsfc.nasa.gov/cgi-bin/titlepage.pl)
MSA = Millennium Star Atlas
* = Comet look-alikes
SNP = StarryNight Pro Versions
** = See notes at the end of the list
NGC = Dreyer's New General Catalog
Chart numbers are Sky Atlas 2000.0 unless otherwise noted

NGC	Messier	Levy	Other	RA	DEC	Comments	Mag	Dia	Chart
1931		L001		05 31.4	+34 15	Very condensed.	9.5	1.0'	5
5457	M101	L002*		14 03.2	+54 21	Only visible under excellent seeing conditions.	13.0	1.6'	7
6341	M92	L003		17 17.1	+43 08	Thick well-defined nucleus.	6.4	15.0'	8
6254	M10	L004		16 57.1	-04 06	Globular Cluster in Ophiuchus.	6.6	21.0'	15
5676		L005		14 32.8	+49 28	Small ellipse, insignificant.	11.9	3.9'	7
6229		L006		16 47.0	+47 32	Fairly bright, compact globular cluster.	9.4	5.4'	8
5055	M63	L007		13 15.8	+42 02	Sunflower galaxy, fairly distinct but faint.	9.3	13.0'	7
1624		L008		04 40.4	+50 27	Cluster with nebulosity; rich background.	11.8	1.9'	5
2403		L009		07 36.9	+65 36	Galaxy, bright and striking.	8.9	18.0'	1
2655		L010		08 55.6	+78 13	Galaxy, fairly distinct.	11.0	4.9'	2
4605		L011		12 40.0	+61 37	Elongated galaxy	10.8	5.9'	2
7078	M15	L012		21 30.0	+12 10	A favorite globular cluster.	6.0	12.0'	16
6720	M57	L013		18 53.6	+33 02	Ring nebula in Lyra.	9.5	1.7'	8
2068	M78	L014*		05 46.7	+00 03	Comet-like nebula complex includes NGC2071 to the north.	8.0	8.0'	11
4826	M64	L015		12 56.7	+21 41	Black Eye Galaxy. Elongated and easy to see; dust lane.	9.3	10.0'	7
3627	M66	L016		11 20.2	+12 59	Easily visible galaxy.	9.7	9.1'	13
6853	M27	L017		19 59.6	+22 43	Dumbbell planetary nebula.	7.6	5.8'	8
2392		L018		07 29.2	+20 55	Clown-face nebula in Gemini.	9.3	47.0'	5
6207		L019		16 43.1	+36 50	Galaxy close to M13.	12.1	3.0'	8
6402	M14	L020		17 37.6	-03 15	Distinct globular cluster.	7.6	33.0'	15
6838	M71	L021		19 53.8	+18 47	Distinct cluster.	8.2	9.0'	16
3034	M82	L022		09 55.8	+69 41	Rare, long irregular galaxy.	9.2	10.0'	2
5024	M53	L023		13 12.9	+18 10	Globular cluster.	7.6	22.0'	14
3031	M81	L024		09 55.6	+69 04	Galaxy in same field as M82 but brighter and larger.	7.8	11.0'	2
1904	M79	L025		05 24.5	-24 33	Rare winter globular, small and distinct.	7.7	7.8'	19
4258	M106	L026		12 19.0	+47 18	Pear-shaped galaxy.	9.1	17.0'	7
5377		L027		13 56.3	+47 14	Galaxy just off Dipper handle.	12.2	4.1'	7
5473		L028*		14 04.7	+54 54	Galaxy, comet like near M101.	12.4	2.2'	7
5474		L029		14 05.0	+53 40	Galaxy near M101.	11.3	4.5'	7
5866	M102	L030		15 06.5	+55 46	Galaxy.	15.2	2.7'	2
0514		L031		01 24.1	+12 55	Fairly easy galaxy to see under good sky.	12.3	3.7'	10
7331		L032		22 37.1	+34 25	Indistinct but definite from city sky. Stephens quintet nearby.	10.3	10.0'	9
1952	M1	L033		05 34.5	+22 01	Bright super nova remnant.	8.4	8.0'	5
0488		L034		01 21.8	+05 15	Elongated galaxy.	10.3	5.2'	10
2420		L035		07 38.5	+21 34	Cluster; fuzzy at first, distinct cluster on later examination.	10.2	10.0'	5
6364		L036*		17 24.5	+29 24	Comet-like galaxy in Hercules.	14.1	1.5'	8
3055		L037*		09 55.3	+04 16	Wendee's galaxy. Looks like diffuse comet.	12.6	2.1'	12
7753		L038		23 47.1	+29 20	Slightly elongated galaxy, broad toward center.	13.0	2.9'	9
6791		L039		19 20.7	+37 51	Faint open cluster; dense nebulosity.	9.5	15'	8
5466		L040*		14 05.5	+28 32	Loose globular cluster in Bootes, 10' diameter.	9.1	11'	7
3810		L041		11 41.0	+11 28	Round galaxy, bright core, diffuse.	11.3	4.1'	13
4340		L042		12 23.6	+16 43	Galaxy near NGC4350.	12.1	3.1	13
7793		L043*		23 57.8	-32 35	Like a diffuse comet bright but low surface brightness.	9.7	9.6'	350UR
1333		L044		03 29.2	+31 25	Weird reflection nebula.	?	9.0'	4
2188		L045*		06 10.0	-34 06	Columba comet-tail galaxy.	12.1	4.7'	19
1851		L046		05 14.0	-40 03	Columba oval globular cluster.	7.1	11.0'	19
1679		L047		04 50.0	-31 59	Caelum, round galaxy.	12.0	2.7'	19
7582		L048		23 18.4	-42 22	Grus galaxy.	11.3	5.0'	23
1491		L049		04 03.4	+51 19	Reflection nebula.	?	3.0'	1
1579		L050		04 30.2	+35 16	Reflection nebula.	?	3.0'	5
		L051	Arp 321	09 38.9	-04 52	Larry, Moe, and Curly galaxy in Hydra.	13.8	2.6'	SNP
3115		L052		10 05.2	-07 43	Spindle galaxy.	10.1	7.3'	279UR
0752		L053		01 57.8	+37 41	Very large open cluster in Andromeda.	5.7	50.0'	4
5128		L054		13 25.5	-43 01	Alpha Centauri galaxy.	7.6	28.0'	25
7664		L055		23 26.6	+25 04	Galaxy in Pegasus.	13.4	2.6	9
0270		L056		00 50.6	-08 39	Galaxy in Cetus.	12.9	1.8'	262UR
7723		L057		23 38.8	-12 58	Galaxy in Aquarius.	11.9	3.5'	17
0772		L058*		01 59.3	+19 01	Round, comet-like galaxy with a bright core.	10.3	7.1	10
0524		L059		01 24.8	+09 32	Round galaxy.	10.6	3.2'	10
0628	M74	L060		01 36.6	+15 47	Diffuse nebula.	9.8	10.0'	10
0246		L061		00 47.0	-11 53	Cetus ring; planetary nebula in Cetus.	8.5	240'	17
0898		L062		02 23.3	+41 57	Very elongated and faint galaxy in Andromeda.	14.4	1.0'	1
4656		L063		12 44.0	+32 10	Hummingbird galaxy found photographically.	11.2	18.0'	7
0404		L064		01 09.4	+35 43	Round galaxy near Beta Andromedae.	10.3	3.4'	4
4374	M84	L065		12 25.1	+12 53	Close to M86.	10.2	6.7'	13
4406	M86	L066		12 26.2	+12 57	Rich field of galaxies.	9.9	9.8'	13

4594	M104	L067		12 40.0	-11 37	Sombrero galaxy.	8.2	6.9'	14
1023		L068		02 40.4	+39 04	Very elongated galaxy.	10.5	8.7'	4
		L069-P	LWJ2204.3+4508	22 04.3	+45 08	Wendee's Ring of faint stars, found photographically.			n/a
		L070-P	LWJ2108.8+0620	21 08.8	+06 20	Equuleus S -shaped asterism found photographically.			n/a
		L071	LWJ2340.6+5618	23 40.6	+56 18	Nanette's River long chain of stars.			n/a
		L072	V Hydrae	10 51.6	-21 15	Reddest star I have found while searching.	?	?	20
		L073	TV Corvi **	12 20.4	-18 27	Tombaugh's star, found by searching archives at Lowell Observatory.	?	?	**
3623	M65	L074		11 18.9	+13 05	Bright galaxy.	10.1	9.0'	13
3372		L075		10 45.1	-59 41	Eta Carinae Nebula.	3.0	120'	25
6618	M17	L076		18 20.7	-16 10	Swan or Omega Nebula.	7.0	25.0'	15
2237		L077		06 32.3	+05 03	Rosetta Nebula.	?	?	11
2261		L078*		06 39.2	+08 44	Hubble's variable comet-shaped.	?	2.0'	11
3628		L079		11 20.3	+13 36	Large edge-on galaxy.	10.4	13.0'	23
0185		L080*		00 39.0	+48 20	Small cometary look-alike. M31 companion.	9.2	12.0'	4
0147		L081*		00 33.2	+48 30	Faint cometary appearance. Satellite galaxy of M31.	10.4	14.0'	4
5634		L082		14 29.6	-05 59	Virgo globular cluster.	9.5	8.4'	14
5638		L083		14 29.7	+03 14	Comet-like galaxy in Virgo; mag. 11	12.2	2.3'	14
6712		L084		18 53.1	-08 42	Scutum faint globular cluster.	8.1	7.4'	15
		L085	IC1396	21 39.1	+57 30	Open cluster with triple and double star.	?	12.0'	3
0224	M31	L086		00 42.7	+41 16	Andromeda Galaxy. This is NOT a comet. Please don't report it to CBAT	4.3	180'	4
5194	M51	L087		13 29.9	+47 12	Whirlpool Galaxy.	8.9	11.0'	7
3587	M97	L088		11 14.8	+55 01	Owl Nebula.	12.0	3.2'	2
3556	M108	L089		11 11.5	+55 40	Galaxy near Beta Ursa Majoris.	10.6	8.6'	2
3992	M109	L090		11 57.6	+53 23	Galaxy near Gamma Ursa Majoris.	10.6	7.5'	2
0598	M33	L091		01 33.9	+30 39	Bright galaxy in Triangulum.	5.7	60.0'	4
0253		L092		00 47.6	-25 17	Caroline Herschel's galaxy.	8.0	6.0'	18
2683		L093		08 52.7	+33 25	Comet-like galaxy in Lynx.	9.8	9.0'	6
6723		L094		18 59.6	-36 38	Sagittarius globular cluster.	7.3	11'	22
1999		L095		05 36.5	-06 42	Diffuse nebula in Orion around star; resembles planetary nebula.	10.0	16.0'	11
2681		L096		08 53.5	+51 19	Galaxy in Ursa Major.	11.1	3.7'	2
5139		L097		13 26.8	-47 29	Omega Centauri. Largest naked-eye globular cluster with 1 million stars.	3.7	45.0'	25
6709		L098		18 51.5	+10 21	Open cluster in Aquila. Levy's first find in same field.	6.7	13'	15
0949		L099*		02 30.8	+37 08	Very cometary galaxy in Triangulum.	12.4	2.7'	4
		L100	Beta Persei	03 08.1	+40 58	Algol famous eclipsing variable star	2.02		4
3766		L101		11 36.1	-61 37	Open cluster in Centaurus.	5.0	14.0'	25
		L102	IC2602	10 43.2	-64 24	Open cluster in Carina.	1.9	102'	25
3621		L103		11 18.3	-32 49	Frame Galaxy encased in some stars.	10.1	12.0'	20
0104		L104		00 24.1	-72 05	Very bright globular. 47 Tucanae.	4.0	47.0'	24
0362		L105		01 03.2	-70 51	Globular cluster in Tucana.	6.4	13.0'	24
4038		L106		12 01.9	-19 52	The Antennae or Ring Tail; colliding galaxies in Corvus.	10.9	3.4'	21
4039		L106		12 01.9	-19 52	The Antennae or Ring Tail; colliding galaxies in Corvus.	11.0	3.3'	21
4361		L107		12 24.5	-18 48	Planetary nebula in Corvus.	10.3	45.0'	13
		L108	Struve 1604	12 09.5	-11 52	Triple star w/3" separation. PA 120 deg. 89 LY. Fast moving stars.	?	?	822MSA
0936		L109		02 27.6	-01 09	Cetus elongated galaxy, bright core.	10.7	5.2'	10
6760		L110		19 11.2	+01 02	Aquila globular cluster.	9.1	6.3'	16
1068	M77	L111		02 42.7	-00 01	Cetus galaxy, very bright core. Easily mistaken for a comet.	8.8	6.9'	10
7023		L112		21 00.5	+68 10	Most unusual appearing nebula with dust; star at edge.	7.1	5.0'	3
		L113	TU Geminorum	06 10.9	+26 01	Bright semi-regular red variable star mag. range 6.2 - 8.6.	9.4		5
1637		L114*		04 41.5	-02 51	Eridanus comet-like round galaxy.	10.9	3.9'	11
1788		L115*		05 06.9	-03 21	Orion bright reflection nebula.	11.0	8.0'	11
2158		L116		06 07.5	+24 06	Compact open cluster near M35; looks nebulous at low power.	11.0	5.0'	5
6093	M80	L117		16 17.0	-22 59	Compact globular cluster looked fuzzy when first sighted in 1980s.	7.3	13.0'	22
		L118	Great Star Cloud	18 03.4	-27 54	Sagittarius Star Cloud.			22
	M24	L119		18 16.9	-18 29	Small Sagittarius star cloud.	11.5	1.3'	15
6451		L120		17 50.7	-30 13	Small Scorpius open cluster.	8.0	7.0'	22
5846		L121		15 06.4	+01 36	Galaxy in Vrigo.	13.8	30.0'	15
6826		L122		19 44.8	+50 31	Blinking planetary nebula.	9.8	25.0'	8
1600		L123		04 31.7	-05 05	Eridanus round galaxy, diffuse.	12.0	3.1'	11
2174		L124		06 09.7	+20 30	Large field of dust.	?	40.0'	5
2023		L125	IC434	05 41.6	-02 14	Barnard 33 Horsehead Nebula. IC434 is a faint nebula.	?	10.0'	11
2359		L126		07 18.6	-13 12	Thor's Helmet.	?	10.0'	12
		L127	16/17 Draconis	16 36.2	+52 55	Similar to Epsilon Lyra, but only one star is binary.	5.5		8
		L128	IC5020	20 30.6	-33 29	Galaxy with a line of foreground stars. Looks like a question mark.	13.0	2.9'	23
		L129	UGC5373	10 00.0	+05 20	Sextans B. Local Group member.	12.0	?	13
3198		L130*		10 19.9	+45 33	Very elongated galaxy.	10.3	8'	6
2964		L131*		09 42.9	+31 51	Mag 11.3 Diam. 2.7'	11.3	2.7'	6
2968		L131*		09 42.9	+31 51	Mag 11.3 Diam. 2.7'	11.3	2.7'	6
3432		L132		10 52.5	+36 37	Elongated galaxy in Leo Minor.	11.3	6.6'	6
3070		L133*		09 58.0	+10 22	Faint round galaxy companion 3069 mag 12.3.	12.3	1.3'	189UR
4319		L134		12 21.7	+75 19	Galaxy in Draco. same field as NGC4291 and NGC4386.	12.8	2.8'	2
4256		L135		12 18.7	+65 54	edge on galaxy in Draco.	11.9	4.2'	2
3738		L136*		11 35.8	+54 31	Near M97.	11.7	2.3'	2
3718		L137*		11 32.6	+53 04	Elongated galaxy in Ursa Major.	10.8	7.9'	2
3953		L138*		11 53.8	+52 20	Very elongated galaxy with bright core.	10.6	6.9'	2
4449		L139		12 28.2	+44 06	Galaxy in Canes Venatici.	9.6	6.1'	7
4485		L140		12 30.5	+41 42	Elongated galaxy in Canes Venatici.	11.9	2.2'	7
4565		L141		12 36.3	+25 59	Edge-on galaxy.	9.6	16.2'	7
4274		L142*		12 19.8	+29 37	Elongated galaxy in Coma Berenices.	10.3	6.6'	7
4559		L143*		12 36.0	+27 58	Elongated galaxy in Coma Berenices.	10.0	10.5'	7

4501	M88	L144*		12 32.0	+14 25	Very elongated galaxy.	9.5	5.8'	14
4473		L145*		12 29.8	+13 26	Very elongated galaxy.	10.2	4.2'	13
4472	M49	L146*		12 29.8	+08 00	Round galaxy, bright core.	8.4	8.9'	13
6638		L147		18 30.9	-25 30	Globular cluster in Sagittarius.	9.0	6.6'	22
		L148	R Leporis	04 59.6	-14 48	Redder when fainter.			11
6553		L149*		18 09.3	-25 54	Faint globular cluster.	8.3	7.9'	22
6523	M8	L150		18 03.8	-24 23	Lagoon Nebula.	5.0	76'	22
6611	M16	L151		18 18.8	-13 47	Eagle Nebula.	6.0	69'	15
6514	M20	L152		18 02.3	-23 02	Trifid Nebula.	6.3	24'	22
7293		L153		22 29.6	-20 48	Helix Nebula.	7.3	860'	23
7009		L154		21 04.2	-11 22	Saturn Nebula.	8.0	3.0'	16
6981	M72	L155		20 53.5	-12 32	Aquarius globular near 7009.	9.4	5.8'	16
6934		L156		20 34.2	+07 24	Delphinus globular.	8.9	5.8'	16
		L157	LWJ1948.2+3743	19 48.2	+37 43	The Cane asterism.			n/a
		L158*	IC2194	07 33.7	+31 19	Castor Cluster. Gemini galaxy. **	15.0	.9'	n/a
		L158*	IC2196	07 34.1	+31 24	Castor Cluster. Gemini galaxy. **	14.0	1.4'	n/a
		L158*	IC2197	07 34.3	+31 24	Castor Cluster. Gemini galaxy. **	14.0	.4'	n/a
2264		L159		06 41.1	+09 53	Christmas Tree Cluster with nebulosity.	3.9	59	11
2254		L160		06 36.0	+07 40	Mountains in the Sky open cluster and star chain.	9.1	4.0'	182UR
2245		L161*		06 32.7	+10 10	Comet-like bright nebula looks like Hubbles' variable.	?	2.0'	11
2252		L162		06 35.0	+05 23	Open cluster looks like a rope of stars.	7.7	20.0'	11
2775		L163*		09 10.3	+07 02	Round galaxy.	10.1	4.2'	12
3486		L164*		11 00.4	+28 58	Round galaxy.	10.5	6.9'	6
3245		L165*		10 27.3	+28 30	Elongated galaxy.	10.8	3.1'	6
3344		L166*		10 43.5	+24 55	Round galaxy, bright core, cometary appearance.	10.5	7.1'	6
3310		L167		10 38.7	+53 30	Round galaxy.	10.8	4.2'	2
3242		L168		10 24.8	-18 38	Ghost of Jupiter planetary nebula.	7.7	4.0'	13
2986		L169*		09 44.3	-21 17	Round galaxy, bright core.	10.8	3.1'	20
4651		L170		12 43.7	+16 24	Round galaxy, bright core.	10.8	3.9'	14
4450		L171		12 28.5	+17 05	Elongated galaxy, bright core.	10.1	5.0'	13
4689		L172*		12 47.8	+13 46	Elongated galaxy.	10.9	4.2'	14
4598	M91	L173*		12 35.4	+14 30	Elongated galaxy, bright core.	10.2	4.2'	14
4649	M60	L174*		12 43.7	+11 33	Virgo Galaxy.	8.8	7.1'	14
4486	M87	L175		12 30.8	+12 24	Virgo elliptical galaxy.	8.6	6.9'	13
4579	M58	L176*		12 37.7	+11 49	Virgo galaxy.	9.8	4.7'	14
4552	M89	L177		12 35.7	+12 33	Virgo galaxy.	9.8	5.0'	14
4596		L178*		12 39.9	+10 11	Virgo elongated galaxy.	10.4	3.9'	14
4535		L179*		12 34.3	+08 12	Virgo round galaxy, bright core.	10.0	6.9'	14
4303	M61	L180*		12 21.9	+04 28	Virgo spiral galaxy low surface brightness.	9.7	6.3'	13
3887		L181*		11 47.1	-16 51	Round galaxy.	10.6	3.1	20
4636		L182		12 42.8	+02 41	Virgo galaxy, bright core.	10.4	5.9'	14
4818		L183*		12 56.8	-08 31	Very elongated galaxy. barely visible.	11.1	4.2'	14
5147		L184*		13 26.3	+02 06	Round galaxy, faint.	11.8	1.8'	14
5248		L185*		13 37.5	+08 53	Round galaxy.	10.3	6.1'	14
5371		L186*		13 55.7	+40 28	Round galaxy.	10.6	4.2'	7
5020		L187*		13 12.6	+12 36	Elongated galaxy. bright core.	11.7	3.1'	14
4591		L188*		12 39.3	+06 01	Elongated galaxy, faint.	13.0	1.5'	14
5127		L189		13 23.8	+31 34	Round galaxy, bright core.	11.9	2.7'	7
4956		L190		13 05.1	+35 11	Round galaxy.	12.4	1.4'	7
4772		L191		12 53.5	+02 10	Virgo galaxy.	11.0	3.3'	7
4536		L192*		12 34.5	+02 11	Very elongated galaxy.	10.6	7.4'	14
4129		L193*		12 08.9	-09 02	Virgo elongated galaxy.	12.5	2.2'	13
0281		L194	IC1590	00 52.8	+56 37	Open cluster.	7.0	35'	1
2419		L195		07 38.1	+38 53	Shapley's Intergalactic Wanderer globular cluster.	10.3	4.1'	5
5694		L196		14 39.6	-26 32	Tombaugh's Cluster, looks like a snowball.	10.2	4.3'	21
5907		L197		15 15.9	+56 19	Very long galaxy in Draco.	10.4	12.3'	2
2437	M46	L198		07 41.8	-14 49	Open cluster.	6.1	27'	12
2438		L198		07 41.8	-14 44	Planetary nebula.	10.8	1.1'	12
4567		L199		12 36.5	+11 15	Siamese twin galaxies.	11.3	3.0'	14
4568		L199		12 36.5	+11 15	Siamese twin galaxies.	10.8	46'	14
1380		L200		03 36.5	-34 59	Fornax Cluster.	11.0	4.9'	18
1399		L200		03 38.5	-35 27	Fornax Cluster.	9.9	3.2'	18
1404		L200		03 38.9	-35 35	Fornax Cluster.	10.3	2.5'	18
3865		L201*		11 44.9	-09 14	Faint diffuse galaxy.	13.0	2.3'	13
5427		L202*		14 03.4	-06 02	Virgo galaxy.	11.4	2.5'	14
5668		L203*		14 33.4	+04 27	Virgo galaxy.	11.5	3.3'	14
5850		L204*		15 07.1	+01 33	Virgo galaxy.	11.0	4.3'	15
6106		L205*		16 18.8	+07 25	Hercules galaxy.	12.2	2.6'	15
6118		L206*		16 21.8	-02 17	Serpens galaxy.	12.0	4.7'	15
6384		L207*		17 32.4	+07 04	Ohpiuchus galaxy.	10.6	6.0'	15
6426		L208*		17 44.9	+03 00	Ophiuchus globular cluster.	11.2	3.2'	15
3049		L209*		09 54.8	+09 16	Leo galaxy.	13.3	2.2'	188UR
4685		L210*		12 47.1	+19 28	Winking galaxy with bright core.	12.6	1.5'	14
4779		L211*		12 53.8	+09 44	Virgo round galaxy.	12.4	2.0'	14
4795		L212*		12 55.0	+08 04	Virgo round galaxy.	12.1	1.8'	14
4623		L213*		12 42.2	+07 41	Virgo very elongated galaxy.	12.2	2.1	14
4713		L214*		12 50.0	+05 19	Virgo elongated galaxy.	11.7	2.6'	14
4688		L215*		12 47.8	+04 20	Virgo very large, low brightness galaxy.	11.9	3.1'	14
4590	M68	L216		12 39.5	-26 45	Hydra globular cluster.	8.2	12.0'	21

3923		L217		11 51.0	-28 48	Hydra elongated galaxy with bright core.	9.8	5.8'	20
3201		L218		10 17.6	-46 25	Vela globular cluster.	6.8	18.2'	20
3309		L219		10 36.6	-27 31	Hydra 1 cluster.	12.6	2.4'	20
3311		L219		10 36.7	-27 32	Hydra 1 cluster.	12.6	3.7'	20
3312		L219		10 37.0	-27 34	Hydra 1 cluster.	12.7	3.3	20
3314		L219		10 37.4	-27 41	Hydra 1 cluster.	13.5	1.5'	325UR
3316		L219		10 37.6	-27 36	Hydra 1 cluster.	13.7	1.4'	325UR
6910		L220		20 23.1	+40 47	Cygnus open cluster.	7.4	8.0'	8
0300		L221*		00 54.9	-37 41	Sculptor galaxy, very large, low surface brightness.	8.1	12.0'	18
0289		L222*		00 52.7	-31 12	Sculptor elongated galaxy.	11.0	5.0'	18
0150		L223*		00 34.3	-27 48	Sculptor elongated galaxy.	11.4	3.8'	18
		L224	IC1830	02 39.1	-27 27	Fornax galaxy near a star.	12.8	1.7'	310UR
1187		L225		03 02.6	-22 52	Eridanus round galaxy.	10.8	5.3'	18
2613		L226		08 33.4	-22 58	Pyxis edge-on galaxy.	10.3	7.1'	20
		L227	Haffner 17	07 51.6	-31 49	Puppis open cluster, dim with faint stars.			68AH
4490		L228*		12 30.6	+41 38	Canes Venatici elongated galaxy.	9.8	6.1'	7
		L229	SS Virginis	12 25.2	+00 46	Very red variable star.	7.68	?	13
		L230	3C273 Virginis	12 29.1	+02 03	Quasar close to SS virginis.	?	?	13
5364		L231*		13 56.2	+05 01	Virgo elongated galaxy.	10.5	6.6'	14
5068		L232*		13 18.9	-21 02	Virgo very large galaxy, low brightness but bright core.	10.0	7.1'	21
4414		L233		12 26.4	+31 13	Coma Berenices bright galaxy.	10.3	3.6'	7
4214		L234		12 15.6	+36 20	Canes Venatici galaxy.	9.7	7.9'	7
4244		L235		12 17.5	+37 49	Canes Venatici very elongated galaxy.	10.2	16.2	7
6181		L236		16 32.3	+19 50	Hercules galaxy.	11.9	2.6'	15
6960		L237		20 45.7	+30 43	Veil Nebula western segment involved with star.			9
6992		L237		20 56.4	+31 43	Veil Nebula main eastern segment.			9
6995		L237		20 57.1	+31 13	Veil Nebula southeastern segment.			9
0578		L238*		01 30.5	-22 40	Cetus elongated galaxy.	10.9	4.7'	18
0247		L239*		00 47.1	-20 46	Cetus very elongated galaxy. Foreground star at south end.	9.1	21.0'	18
0157		L240*		00 34.8	-08 24	Amoeba Galaxy. Cetus elongated galaxy. Strange shape.	10.4	4.1'	17
		L241	AA Ceti	01 59.0	-22 55	Discovered by William Herschel 1822; separation 8.4 PA 304 deg.	?	n/a	18
1165		L242*		02 58.7	-32 06	Fornax very elongated galaxy. Very low surface brightness.	12.7	2.3'	354UR
6440		L243		17 48.9	-20 22	Sagittarius globular cluster. Very close to NGC 6444.	9.7	5.4'	22
6445		L244		17 49.2	-20 01	Little Gem Planetary Nebula.	13	.6'	22
6781		L245		19 18.4	+06 33	Aquarius Planetary Nebula. Diffuse and interesting.	11.4	1.8'	16
		L246	V460 Cygni	21 42.0	+35 31	Very red variable star.	5.7		9
7217		L247		22 07.9	+31 22	Pegasus round galaxy.	10.1	3.8'	9
		L248	Delta Scorpii	09 44.3	-21 17	Interesting variable star has been in outburst for two years.	2.28		20
7457		L249		23 01.0	+30 09	Pegasus elongated galaxy.	11.2	4.2'	9
6946		L250		20 34.8	+60 09	Beautiful galaxy on Cephus/Cygnus border.	8.9	11.0'	3
7789		L251		23 57.0	+56 44	Cassiopeia open cluster; faint and dense.	6.7	15'	3
		L252	65 Piscium	00 49.9	+27 43	Close double star.	6.3	6.3'	4
		L253	BC Andromedae	23 01.0	+46 31	M7 III red star.	?	?	9
0869		L254		02 19.0	+57 09	Absolutely incredible double cluster. Best seen with wide view.	4.4	30.0'	1
0884		L254		02 19.0	+57 09	Absolutely incredible double cluster. Best seen with wide view.	4.7	30.0'	1
5016		L255		13 12.1	+24 06	Coma Berenices round galaxy.	12.8	1.6'	7
		L256	IC2367	08 24.2	-18 46	Puppis galaxy.	12.5	2.3'	12
4866		L257*		12 59.5	+14 10	Virgo elongated galaxy.	11.2	6.1'	14
2477		L258		07 52.3	-38 33	Puppis open cluster, cometary near horizon.	5.8	26'	19
4722		L259		12 51.5	-13 19	Corvus round galaxy; double.	11.7	1.7'	14
4519		L260		12 33.5	+08 39	Virgo galaxy.	11.7	3.1'	14
5350		L261		13 53.4	+40 22	Canes Venatici galaxy.	11.4	3.2'	7
6814		L262		19 42.7	-10 19	Aquila round galaxy.	11.2	3.2'	16
7006		L263		21 01.5	+16 11	Delphinus globular cluster.	10.6	2.8'	16
5897		L264		15 17.4	-21 01	Libra globular cluster; loose and diffuse.	8.6	12'	21
5746		L265		14 44.9	+01 57	Virgo elongated galaxy, dusty. Good candidate for imaging.	10.3	7.1'	15
5962		L266		15 36.5	+16 37	Serpens round galaxy.	11.3	2.9'	15
5247		L267*		13 38.1	-17 53	Beautiful Virgo spiral galaxy with bright core. Very diffuse.	10.0	5.0'	14
5690		L268		14 37.7	+02 17	Virgo very elongated galaxy near a bright star.	12.7	3.5'	14
5460		L269		14 07.6	-48 19	Centaurus open cluster with a beautiful curve of stars.	5.6	24'	25
6535		L270		18 03.8	-00 18	Serpens globular cluster; mottled.	10.6	3.5	15
6287		L271		17 05.2	-22 42	Ophiuchus globular cluster; unresolved.	9.3	5.0'	22
0262		L272	Swift II, Markarian 348	00 48.8	+31 57	Massive galaxy 1.3 million light years in diameter	15p	1.4'	90UR
1746		L273		05 03.6	+23 49	Beautiful open cluster in Taurus.	6.0	42'	5
6541		L274		18 08.0	-43 42	Globular cluster. Small but thick center that spreads out quickly.	6.6	12'	22
		L275	TX Piscium	23 46.5	+03 29	Red variable star. Also 19 Piscium.			17
7814		L276*		00 03.3	+16 09	Pegasus elongated galaxy, bright core.	10.6	5.3'	10
7184		L277		22 02.7	-20 49	Aquarius very elongated galaxy; brightest in a group.	10.8	5.8'	23
0470		L278		01 20.1	+03 25	Elliptical galaxy, brightest in a group. Includes NGC467 and NGC470.	12.5	2.9'	10
0474		L278		01 20.3	+03 26	Pisces elliptical galaxy, brightest in the group.	12.3	6.1'	10
6522		L279*	Baade's Window	18 03.6	-30 02	Two faint galaxy clusters close to galactic center. **	8.6	16.0'	22
6528		L279*	Baade's Window	18 04.8	-30 03	Two faint galaxy clusters close to galactic center. **	9.5	17.0'	22
7721		L280*		23 38.8	-06 31	Aquarius elongated galaxy. Soft, long, comet-like.	11.6	3.4'	17
7727		L281		23 39.9	-12 18	Aquarius round galaxy with bright core. Blinker; Seyfert galaxy.	11.5	4.7'	17
7314		L282		22 35.8	-26 03	Pisces Austrinus elongated galaxy with bright core.	11.6	4.6'	23
		L283	U Camelopardalis	03 41.7	+62 40	Red variable star. Nearby blue star. Period of 419 days.			1
0718		L284*		01 53.2	+04 12	Pisces round galaxy with bright core.	11.7	2.2'	10
6101		L285		16 25.8	-72 12	Apus globular cluster.	9.3	10.7'	26
1360		L286		03 33.3	-25 51	Beautiful planetary nebula with bright star at the center.	14.0	6.5'	312UR

1365		L287		03 33.6	-36 08	Magnificient barred spiral galaxy in Fornax.	9.5	9.8'	18
1097		L288		02 46.3	-30 17	Beautiful, spectacular barred spiral galaxy.	9.3	9.3'	18
		L289	IC5148	21 59.5	-39 23	Planetary nebula in Grus; cross between Ring and Helix Nebulae.	13.0	2.0'	23
1261		L290		03 12.3	-55 13	Beautiful very loose or very tight open globular cluster.	8.4	6.9'	18
1493		L291*		03 57.5	-46 12	Comet-like galaxy in Horologium. Almost circular.	11.8	3.6'	18
2903		L292		09 32.2	+21 30	Leo elongated galaxy. Long and dusty.	9.6	12.0'	6
6637	M69	L293		18 31.4	-32 21	Spotted by Wendee 10/15/2004. Sagittarius globular cluster.	7.7	7.1'	22
6652		L294		18 35.8	-32 59	Both this and M69 are just SE of "bright" stars.	8.6	4.5'	22
6726		L295		19 01.7	-36 53	Corona Australis emission/reflection nebula in two parts.	?	78.0'	22
2362		L296		07 18.8	-24 57	Canis Majoris "Y" shaped open cluster. Faint with bright star.	10.5	8.0'	19
		L297	47 Ursae Majoris	10 59.7	+40 24	Two orbiting planets about this star.	5.0	?	6
6584		L298		18 18.6	-52 13	Telescopium globular cluster. Shapely class 8 concentrated.	9.2	7.9'	26
6273	M19	L299		17 02.6	-26 16	Ophiuchus globular cluster.	7.2	13.5'	22
3226		L300		10 23.4	+19 54	Leo galaxy; close companion; really neat field. Striking view.	12.4	2.5'	6
2670		L301		08 45.5	-48 47	Vela open cluster. Looks like a bow and arrow!	7.8	9.0'	20
3114		L302		10 02.7	-60 07	Carina open cluster; bright but scattered.	4.2	35'	25
4349		L303		12 24.5	-61 54	Crux open star cluster; big, bright and scattered.	7.4	16'	25
4103		L304		12 06.7	-61 15	Crux open star cluster; bright and scattered.	7.0	7.0'	25
4755		L305		12 53.6	-60 20	The Jewel Box open cluster in Crux. Dense.	4.2	9.5'	25
2808		L306		09 12.0	-64 52	Carina globular cluster, highly resolved.	6.3	13.8'	25
2516		L307		07 58.3	-60 52	Southern Beehive at tip of false cross.	3.8	30.0'	24
3324		L308		10 37.3	-58 38	Open cluster with nebulosity in Carina.	6.3	13.8'	25
1316		L309		03 22.7	-37 12	Elliptical galaxy. Brightest member of the Fornax cluster.	6.7	16.0'	18
2070		L310		05 38.6	-69 05	Tarantula Nebula and cluster in LMC in Dorado.	5.0	40.0'	24
		L311	IC2714	11 17.9	-62 42	Carina open cluster. Large and irregular. Close to Melotte 105.	8.0	12.0'	25
		L312	Melotte 105	11 19.4	-63 29	Carina open cluster; near IC 2714. Faint, broad and irregular.	8.5	4.0'	25
		L313*	IC4499	15 00.3	-82 13	Apus globular cluster. Southern most globular cluster.	10.6	7.4'	25
7213		L314		22 09.3	-47 10	Seyfert galaxy in Grus	10.5	1.9'	414UR
5146		L315		13 26.5	-12 19	Virgo round galaxy.	12.3	1.7'	14
1976	M42	L316		05 35.3	-05 23	The Great Orion Nebula.	4.0	90.0'	11
5838		L317		15 05.4	+02 06	Virgo elongated galaxy with bright core.	10.8	4.2'	15
2841		L318		09 22.0	+50 58	Elongated galaxy in Usra Major; seen with Minerva.	9.3	8.1'	2
		L319	ESO573-12	12 20.6	-18 40	Small galaxy in Corvus; close to TV Corvi.	?	?	845MSA
		L320	Tombaugh 1	07 00.5	-20 34	Open cluster in Canis Major. Distance 4,100 LY; 45 stars. **	?	6.0'	62AH
		L321	Tombaugh 2	07 03.1	-20 49	Open cluster in Canis Major. Distance 43,000LY, 50 stars. **	?	3.0'	62AH
		L322	IC166	01 52.5	+61 50	Also called Tombaugh 3; Cassiopeia open cluster.	11.7	7.0	37 UR
		L323	Tombaugh 4	02 29.2	+61 47	Cassiopeia open cluster. Nebula complex IC1795 nearby.	?	5.3'	52AH
		L324	Tombaugh 5	03 47.8	+59 03	Camelopardalis open cluster.	8.4	15.0'	1
		L325	IC1795	02 26.5	+62 04	Difficult to see visually. Remarkable imaging target. Near NGC 896	?	20.0'	1
4570		L326		12 36.9	+07 15	Elongated galaxy. Peltier noted this comet look-alike.	10.9	4.1	14
		L327	IC2531	09 59.9	-29 37	Lenticular galaxy in Antila. Also listed as Swift XI cataloged.	12.5	5.0'	20
		L328	ESO435-16	09 58.6	-28 37	Peculiar galaxy in Antila.	13.3	2.0'	DSS
		L329	T CrB	15 39.5	+25 55	Recurring nova in the Constellation Corona Borealis	9.98		22
0457		L330		01 19.1	+58 20	ET, Dragonfly, or Phi Cas open cluster.	6.4	13.0'	1
3319		L331P		10 39.2	+41 41	Graceful spiral galaxy with HII regions and sweeping arms.	11.5	6.1'	2
		L332P	UGC371	00 37.3	+29 09	Faint nondescript edge-on spiral galaxy.	15.0	?	n/a
		L333P	PGC2218765	03 14.4	+43 21	East lobe of Tombaugh's Great Stratum" near Algol	15.5	0.2'	n/a
		L333P	PGC2218178	03 14.4	+43 20	East lobe of Tombaugh's Great Stratum" near Algol	15.0	0.2'	n/a
6342		L334*		17 21.2	-19 35	Weak globular; Shapley class 4. SSE of Messier 9.	9.7	15.0'	15
		L335	Gegenschein			Quoted from observing log, Session 1597EM2-38**			
		L336	M45	03 47.0	+24 07	Open cluster and reflection nebulosity.			
		L337	Q0957+571A/B	10.01.3	+55 54	Double quasar in Ursa Major.**			
1042		L338		02 40.4	-08 26	LSB galaxy in Cetus, involved with nearby NGC1035	11.5	4.9'	265UR
0891		L339		02 22.6	+42 21	Extremely elongated galaxy in Andromeda	11.5	14'	62UR
1134		L340		02 53.6	+13 00	Aries round galaxy, low surface brightness.	13.1	2.5'	175UR
0755		L341		01 56.4	-09 04	Cetus elongated galaxy, found at low power despite being mag 12.6	12.6	3.3'	264UR
0091		L342P		00 21.8	+22 25	Galaxy in Andromeda, part of gorgeous cluster of galaxies.			126UR
6438		L343		18 26.0	-85 25	Round galaxy in Octans. Near the pole.	12.6	2.4'	472UR
1313		L344		03 18.3	-66 30	Beautiful barred spiral in Reticulum. Striking through a 6-inch scope.	14.7	1.2'	443UR
2031		L345		05 33.7	-70 59	Mensa open cluster with nebulosity, in the Large Magellanic Cloud.			445UR
2103		L346		05 41.6	-71 20	Fainter Mensa open cluster in Large Magellanic Cloud (LMC).			445UR
2060		L347		05 37.6	-69 10	Open cluster with nebulosity and dust, associated with Tarantula Neb.			445UR
1866		L348		05 13.5	-65 28	Open cluster in Dorado, in LMC.	9.0	5.0'	444UR
2547		L349		08 10.7	-49 16	Bow and Arrow" open cluster in Vela. Distance 2,000 LY	4.0	25'	396UR
4372		L350		12 25.8	-72 40	Globular cluster in Musca. Loosely concentrated. Distance 19,000 LY	7.2	19'	450UR
6752		L351		19 10.9	-59 59	The great cluster in Pavo. Distance 13,000 LY.	5.4	20'	435UR
6397		L352		17 40.7	-53 40	The great cluster in Ara. Very large globular. Distance 7,200 LY	5.7	25'	434UR
		L353	Fishhook Asterism	11 36.6	-63 02	Wendee's fishhook with IC2944 and IC2948. See L101			450UR
5927		L354*		15 28.0	-50 40	Globular cluster, resembles a faint comet in 6-inch f/4. Distance 25K LY	8.01	17'	431UR
		L355	Proxima Cen	14 30.2	-62 42	The nearest star to the Sun.	10.96		452UR
		L356	Barnard 263	17 26.9	-42 37	A stunning black nebula, blocking all stars behind it			408UR
6281		L357		17 04.8	-37 54	A-frame" open cluster (with nebulosity) in Scoprius	5.0	3.3deg	376UR
6231		L358		16 54.0	-41 48	The "Big Arch" open cluster with nebulosity in Scorpius.	2.0	15'	407UR
1566		L359		04 20.0	-54 56	Spiral galaxy in Dorado. Distance ~ 44M LY. Beautiful symmetrical arms.	10.19	8.2'	420UR
6684		L360		18 49.0	-65 11	Round galaxy in Pavo.	13.2	3.0'	456UR
1763		L361		04 56.8	-66 24	Dorado nebula with dust and cluster in LMC.		25'	444UR
1734		L362		04 53.3	-68 47	Dorado open cluster in LMC.			444UR
1433		L363		03 42.0	-47 13	Horologium elongated galaxy.	10.7	6.1'	391UR
1527		L364*		04 08.4	-47 53	Horologium very elongated galaxy with bright core.	11.7	3.9'	391UR

1512		L365*		04 03.9	-43 21	Horologium round galaxy.	11.1	9.7'	391UR
1808		L366*		05 07.7	-37 31	Columba very elongated galaxy, brighter core.	10.8	6.3'	358UR
613		L367		01 34.3	-29 25	Scultor spiral galaxy, includes some bright knots.	10.19	5.8'	352UR
1448		L368*		03 44.5	-44 39	Horologium edge-on galaxy. Lovely faint string of fuzzy light.	11.4	7.5'	391UR
		L369	IC2177	07 05.1	-10 42	Reflection nebula in Monoceros. Long and beautiful. Open cluster.		20'	273UR
5643		L370*		14 32.7	-44 10	Lupus round galaxy.	10.9	4.7'	404UR
1617		L371		04 31.7	-54 36	Dorado elongated galaxy	11.4	4.8'	420UR
2025		L372		05 33.1	-71 44	Mensa open cluster in LMC.			445UR
6362		L373		17 31.9	-67 03	Ara globular cluster, distance 17,000 LY. Easy to resolve.	7.73	17'	455UR
6744		L374		19 09.8	-63 51	Pavo round galaxy.	15.10	1.8	456UR
5189		L375		13 33.5	-65 59	Oddly shaped panetary nebula in Musca. Distance 3,000 LY	10.3	2.6'	451UR
		L376	X TrA	15 14.3	-70.05	Strikingly red carbon star. Range 5.0-6.4, irregular	5.01		453UR
6300		L377*		17 17.0	-62 49	Ara low surface brightness galaxy, large, faint comet look-alike.I	10.9	4.7'	454UR
		L378*	IC5267	22 57.2	-43 24	Round galaxy, bright core.	12.8	1.8'	415UR
663		L379		01 46.0	+61 15	The Horseshoe open cluster in Cassiopeia.	7.10	16'	37UR
6715	M54	L380		18 55.1	-30 29	Globular cluster in Sagittarius. Distance 88,000 LY.	7.6	9.1	378UR
		L381	UGC5470	10 08.5	+12 18	Leo I or Regulus Galaxy, very difficult, low surface brightness.	11.0		189UR
		L382	UGC6253	11 13.5	+22 10	Leo II galaxy. Peculliar galaxy in Local Group. Very difficult visually.	12.0		146UR
1049		L383		02 39.7	-34 17	Globular cluster in Fornax System, a dwarf galaxy.	12.6	1.2'	354UR
		L384		08 15.6	-13 58	Asterism, possible open cluster			
3358		L385		10 45.6	-36 25	Galaxy in Antlia. Funny-looking clownface galaxy			
2149		L386		06 03.5	-09 44	Stephen VIII. Bright nebula in Monoceros. Field 08-S013.			
		L387	Sharpless152	22 58.6	+58 47	Small HII region, resembles a question mark			
		L388	PGC48179	13 38.1	-09 48	Galaxy 42 million LY distant			
5750		L389		14 46.2	-00 13	Low surface brightness galaxy in Virgo	11.6	3'	
2169		L390		06 08.4	+13 57	With north up, east to the left, this cluster resembles the number 37			
		L391	V1057 Ori	05 18.1	+13 25	Beautiful variable star with bright nebula LBN850			
		L392	MGC-01-24-001	09 10.8	-08 53	Beautiful with Clyde. Lots of structure. Very edge on.	15.50	1.4'	807MSA
		L393	UGC3555	06 49.9	+25 38	Very diffuse galaxy, biggest and brightest in cluster; spotted with Flaire			154MSA
4096		L394		12 06.0	+47 29	Beautiful barred galaxy. Faint details visible in arms Clyde Tombaugh photos	11.50	6.5'	
4064		L385		12 04.2	+18 27	Beautiful galaxy with foreground star or H2 image	12.29	4.0'	
3109		L396		10 03.1	-26 09	Irregular galaxy ~ 4.5 million LY away.	10.35	20'	
		L397	IC2588	10 31.8	-30 23	Eastern most of three interesting round galaxies seen in field on Nov 7, 2006	13.17	1.6'	
		L397	ESO102931-3007.6	10 29.3	-30 07	ESO-Uppsala ESO (B) survey			
		L397	ESO102804-3008.3	10 30.4	-30 24	Center galaxy			
		L397	ESO102652-3005.3	10 29.2	-30 20				
		L398*	UGC11868	21 59.1	+18 10	Very faint low surface brightness galaxy through Obadiah.	14.4	2.0'	
7332		L399		22 37.4	+23 48	The westernmost pair of a beautiful pair orf galaxies imaged with Obadiah.	11.0	3.4'	
7339		L400		22 37.8	+23 47	The eastern component of the pair.	12.1	2.7	

Notes:

L073 TV Corvi: This is my favorite variable star. I found it while doing a search for Clyde Tombaugh's autobiography. For detailed information
please see "Tombaugh's Star: A Historical Tale of the Cataclysmic Variable TV Corvi"
Author: Levy, David H.
Journal: The Journal of the American Association of Variable Star Observers, vol. 28, no. 1, p. 38-39
Publication Date: 08/2000
Origin: AAVSO
Keywords: CLYDE TOMBAUGH
Abstract Copyright: (c)2000: American Association of Variable Star Observers
Bibliography Code: 2000JAVSA..28...38L
Abstract:
While doing research for my 1991 biography of Clyde Tombaugh, discoverer of Pluto, I found eveidence that he had discovered a probable nova in Corvus.
Since this was an an unusually high galactic latitude for a nova, I tried to find confirming evidence for his 1931 observation. Although my results were
negative for 1931, I did find nine additional outbursts in my search through several hundred Harvard patrol plates. I observed the variable, now called
TV Corvi, in outburst for the first time visually on March 23, 1990, and several times since then.
Also see Sky & Telescope, my Star Trails column, January 1991 issue.

L100; I am honored to include the star whose variation pattern was discovered by John Goodricke!

L158; IC2194, IC2196, and IC2197 Castor Cluster do appear on the clearest of lovely nights through my 16" telescope Maranda. They are on the list as I found them!
I remember when they appeared -- I had thought I had found a whole slew of comets!

DSS; is the Digitized Sky Survey. A really neat website, Skyview Virtual Observatory is located at http://skyview.gsfc.nasa.gov/cgi-bin/titlepage.pl

L279; Shapley class VI and V; Baades Window is a break in the dust clouds that obscure our view into the central depths of our galaxy. Except for a few dust lanes
stretching through this window, the region allows us a rare peek towards the galactic center. The region exposed is only four degrees south of the center,
and happens to include two distinct globulars. NGC6528 may be as close as two thousand light years from the center of the galaxy.

L335; Quote from observing log, Session **15997EM2-38. "Mr Houston indicated its approximate position. He said he wasn't sure if he saw it or not.
I thought I might have seen something. He asked me to point out the center of the glow I thought I saw, with a flashlight beam. My glow coincided with his
exactly. An hour later it was on the meridian and a bit brighter."

L337; Galaxy is also possible home to exoplanet.