

## Leo Minor - The Little Lion

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 2497		Non-Existent		
IC 2502		Non-Existent		
IC 2503		Non-Existent		
NGC 3167		Non-Existent		
IC 2564		Non-Existent		
NGC 3291		Non-Existent		
IC 640		Non-Existent		
IC 641		Non-Existent		
IC 2603		Non-Existent		
NGC 3382		Non-Existent		
IC 2605		Non-Existent		
IC 2613		Non-Existent		NGC 3430
IC 2610		Non-Existent		
IC 2618		Non-Existent		Single Star

**Sub Total: 14**

Observed: Yes

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IC 2467		Glxy S	14.8	MCG 7-20-5 CGCG 210-6 PGC 26683
IC 2468		Glxy S	15.5	MCG 7-20-7 PGC 26691
IC 2491		Glxy S0?	14.7	UGC 5104 MCG 6-21-53 CGCG 181-62 PGC 27254
IC 2493		Glxy S0	15.1	MCG 6-21-56 CGCG 181-65 PGC 27322
IC 2496		Glxy	15.5	CGCG 181-73 PGC 27499
IC 2500		Glxy Sab	15.2	MCG 6-21-74 CGCG 181-83 CGCG 182-1 PGC 27748
IC 2508		Glxy	15.7	CGCG 182-17 PGC 28106
IC 2515		Glxy Sb	15.2	UGC 5321 MCG 6-22-27 CGCG 182-33 IRAS 9516+3738 PGC 28581
IC 2516		Glxy S0/a	15.1	MCG 6-22-28 CGCG 182-34 PGC 28589
IC 2518		Glxy C	15.5	CGCG 182-40 PGC 28659
IC 2519		Glxy C	15.5	CGCG 182-39 PGC 28660
IC 2521		Glxy Spiral	15.3	MCG 6-22-35 CGCG 182-45 KUG 954+342 PGC 28740
IC 2524		Glxy S?	14.9	MCG 6-22-39 MK 411 CGCG 182-47 KUG 954+338 PGC 28758
IC 2525		Glxy C	15.7	CGCG 182-52 PGC 28807
IC 2527		Glxy	15.2	CGCG 182-55 PGC 28920
IC 2530		Glxy S?	15.2	MCG 6-22-53 CGCG 182-59 PGC 29019
IC 2535		Glxy S?	14.5	MCG 6-22-65 CGCG 182-70 KUG 1001+382 PGC 29222
IC 2540		Glxy E?	14.7	MCG 5-24-14 CGCG 153-18 PGC 29389
IC 2542		Glxy Sb	14.5	MCG 6-22-76 CGCG 182-76 KARA399 KUG 1004+345 PGC 29453
IC 2543		Glxy	15.7	CGCG 182-77 PGC 29485
IC 2544		Glxy S	15.2	CGCG 182-78 KUG 1005+335 PGC 29491
IC 2547		Glxy	15.7	CGCG 182-80 CGCG 183-1 PGC 29582
IC 2549		Glxy S	15.8	CGCG 183-2 CGCG 182-81 KUG 1007+367 PGC 29592
IC 2550		Glxy SAB(rs)b:	14.4	UGC 5484 MCG 5-24-23 CGCG 153-27 IRAS 10076+2811 PGC 29615
IC 2557		Glxy S	15.9	MCG 6-23-3 CGCG 183-7 ARAK235 PGC 29977
IC 2561		Glxy S?	14.9	UGC 5567 MCG 6-23-7 CGCG 183-13 PGC 30147

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IC 2565		Glxy (R)SAB(r)a	15.2	CGCG 154-4 1ZW24 PGC 30288
IC 2566		Glxy S?	14.9	MCG 6-23-8 CGCG 183-18 PGC 30357
IC 2568		Glxy SBa	14.9	UGC 5603 MCG 6-23-9 CGCG 183-19 PGC 30371
IC 2572		Glxy Sa	15.2	UGC 5636 MCG 5-25-8 CGCG 154-11 IRAS 10222+2820 PGC 30562
IC 2577		Glxy Sa	15.4	MCG 6-23-18 CGCG 183-26 KARA418 PGC 30797
IC 2591		Glxy S?	14.4	UGC 5763 MCG 6-23-22 CGCG 183-31 IRAS 10337+3518 KUG 1033+353 PGC 31474
IC 2598		Glxy Sa	15	CGCG 154-37 PGC 31713
IC 2604		Glxy SB(s)m pec?	14.7	UGC 5927 MCG 6-24-16 CGCG 184-17 VV 538 KUG 1046+330 PGC 32390
IC 2606		Glxy S?	14.9	MCG 6-24-21 CGCG 184-25 PGC 32465
IC 2607		Glxy SBab	15.3	MCG 6-24-23 CGCG 184-26 PGC 32468
IC 2608		Glxy S	15.6	CGCG 184-22 KUG 1047+330 PGC 32464
IC 2612		Glxy E		MCG 6-24-33 PGC 32704
MAC 0949+3443		Glxy	15.5	
MAC 0955+3712		Glxy	16	
MAC 1000+3529		Glxy	16	
MAC 1002+3242		Glxy	17	
MAC 1013+3836		Glxy	15.5	
MAC 1013+3844		Glxy	15	
MAC 1021+3627		Glxy	16	
MAC 1022+3830		Glxy	16	
MAC 1022+3834		Glxy	16.5	
MAC 1022+3835		Glxy	15.5	
MAC 1041+3715		Glxy	16	
MAC 1044+3039		Glxy	16.5	
MAC 1049+3802		Glxy	15.5	
MAC 1050+2831		Glxy	16	
MAC 1051+2800		Glxy	15.5	
MAC 1052+3005		Glxy	16	
MAC 1052+3636		Glxy	17.5	
MAC 1053+3250B		Glxy	16.5	
MAC 1054+3251		Glxy	16	
MAC 1103+2854		Glxy	16.5	
MAC 1105+2958		Glxy	16	
MAC 1105+3004		Glxy	15.5	
NGC 2859	H137-1	Glxy (R)SB(r)0+	11.8	UGC 5001 MCG 6-21-30 CGCG 181-40 PGC 26649
NGC 2922		Glxy Im?	14.6	UGC 5118 MCG 6-21-57 CGCG 181-66 IRAS 9337+3755 KARA355 KUG 933+379 PGC 27361
NGC 2942		Glxy SA(s)c:	13.2	UGC 5140 MCG 6-21-65 CGCG 181-76 IRAS 9361+3413 PGC 27527
NGC 2955	H541-3	Glxy (R')SA(r)b	13.6	UGC 5166 MCG 6-21-73 CGCG 181-82 IRAS 9382+3606 KARA361 PGC 27666
NGC 2965	H751-3	Glxy S0	14.4	UGC 5191 MCG 6-22-3 CGCG 181-86 CGCG 182-4 PGC 27813
NGC 2971		Glxy SB(r)b	14.8	UGC 5197 MCG 6-22-5 CGCG 181-87 CGCG 182-5 PGC 27843
NGC 3003	H26-5	Glxy Sbc?	12.3	UGC 5251 MCG 6-22-13 CGCG 182-21 IRAS 9456+3339 PGC 28186
NGC 3012		Glxy E:	14.5	UGC 5262 MCG 6-22-17 CGCG 182-23 PGC 28270
NGC 3013		Glxy S	15.6	MCG 6-22-18 CGCG 182-24 PGC 28300
NGC 3021	H115-1	Glxy SA(rs)bc:	12.9	UGC 5280 MCG 6-22-19 CGCG 182-25 IRAS 9479+3347 PGC 28357

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NGC 3074	H542-3	Glxy SAB(rs)c	13.3	UGC 5366 MCG 6-22-47 CGCG 182-54 IRAS 9567+3537 PGC 28888
NGC 3099	H478-3	Glxy S	15.8	MCG 6-22-59 CGCG 182-64 PGC 29087
NGC 3104	H48-4	Glxy IAB(s)m	13.6	UGC 5414 MCG 7-21-7 CGCG 211-6 VV 119 ARP 264 PGC 29186
NGC 3106	H320-2	Glxy S0	13.3	UGC 5419 MCG 5-24-9 CGCG 153-13 PGC 29196
NGC 3116		Glxy E	15.4	MCG 5-24-12 CGCG 153-17 ARAK230 PGC 29383
NGC 3118		Glxy Sbc	14.3	UGC 5452 MCG 6-22-74 CGCG 182-75 IRAS 10042+3316 KUG 1004+332 PGC 29415
NGC 3126		Glxy Sb	13.6	UGC 5466 MCG 5-24-19 CGCG 153-23 IRAS 10054+3206 KARA400 PGC 29484
NGC 3150		Glxy Sb	15.5	MCG 7-21-17 CGCG 211-19 PGC 29789
NGC 3151		Glxy SA0:	14.8	MCG 7-21-18 CGCG 211-20 PGC 29796
NGC 3152		Glxy (R')SB0^:	15.2	MCG 7-21-18A CGCG 211-21 PGC 29805
NGC 3158	H639-2	Glxy E3:	11.9	UGC 5511 MCG 7-21-20 CGCG 211-22 PGC 29822
NGC 3159		Glxy E2 pec:	13.6	MCG 7-21-21 CGCG 211-23 PGC 29825
NGC 3160		Glxy S	15.2	UGC 5513 MCG 7-21-23 CGCG 211-24 PGC 29830
NGC 3161		Glxy E2	14.5	MCG 7-21-22 CGCG 211-25 ARAK234 PGC 29837
NGC 3163	H640-2	Glxy SA0-:	13.3	UGC 5517 MCG 7-21-26 CGCG 211-27 PGC 29846
NGC 3219		Glxy E		MCG 7-21-51 CGCG 211-49 PGC 30383
NGC 3232		Glxy S?	15.2	MCG 5-25-4 CGCG 154-8 PGC 30508
NGC 3235		Glxy S0-:	14.3	UGC 5635 MCG 5-25-7 CGCG 154-10 PGC 30553
NGC 3245	H86-1	Glxy SA(r)0^:?	11.7	UGC 5663 MCG 5-25-13 CGCG 154-17 IRAS 10245+2845 PGC 30744
NGC 3245A		Glxy SB(s)b sp	14.7	UGC 5662 MCG 5-25-12 CGCG 154-16 PGC 30714
NGC 3254	H72-1	Glxy SA(s)bc	12.4	UGC 5685 MCG 5-25-18 CGCG 154-20 IRAS 10265+2944 PGC 30895
NGC 3265	H349-3	Glxy E:	13.9	UGC 5705 MCG 5-25-19 CGCG 154-23 IRAS 10282+2903 PGC 31029
NGC 3272		Glxy		PGC 31115
NGC 3277	H359-2	Glxy SA(r)ab	12.5	UGC 5731 MCG 5-25-22 CGCG 154-26 IRAS 10301+2846 PGC 31166
NGC 3294	H164-1	Glxy SA(s)c	12.2	UGC 5753 MCG 6-23-21 CGCG 183-30 IRAS 10333+3734 KUG 1033+375 PGC 31428
NGC 3304	H615-3	Glxy SB(s)a?	14.3	UGC 5777 MCG 6-23-26 CGCG 183-32 CGCG 184-1 PGC 31572
NGC 3323		Glxy SB?	14.3	UGC 5800 MCG 4-25-36 CGCG 124-49 IRAS 10368+2535 PGC 31712
NGC 3327	H348-2	Glxy SA(r)b:	14.2	UGC 5803 MCG 4-25-38 CGCG 124-51 PGC 31729
NGC 3334	H641-2	Glxy S0?	13.9	UGC 5817 MCG 6-24-4 CGCG 184-5 PGC 31845
NGC 3344	H81-1	Glxy (R)SAB(r)bc	10.5	UGC 5840 MCG 4-25-46 CGCG 124-60 IRAS 10407+2511 KARA435 PGC 31968
NGC 3350		Glxy S0	15.3	CGCG 155-2 CGCG 154-44 PGC 32035
NGC 3380	H360-2	Glxy (R')SBa?	13.4	UGC 5906 MCG 5-26-12 CGCG 155-15 IRAS 10454+2851 PGC 32287
NGC 3381	H565-2	Glxy SB pec	12.7	UGC 5909 MCG 6-24-15 CGCG 184-16 IRAS 10456+3458 KUG 1045+349 PGC 32302
NGC 3395	H116-1	Glxy SAB(rs)cd pec:	12	UGC 5931 MCG 6-24-17 CGCG 184-18 ARAK257 VV 246 ARP 270 PGC 32424
NGC 3396	H117-1	Glxy lBm pec	12.6	UGC 5935 MCG 6-24-18 CGCG 184-19 VV 246 ARP 270 PGC 32434
NGC 3400	H361-2	Glxy SB(s)a:	14.1	UGC 5949 MCG 5-26-20 CGCG 155-25 PGC 32499
NGC 3413	H493-2	Glxy S0 sp	13.1	UGC 5960 MCG 6-24-24 CGCG 184-27 IRAS 10485+3301 KUG 1048+330 PGC 32543
NGC 3414	H362-2	Glxy S0 pec	12	UGC 5959 MCG 5-26-21 CGCG 155-29 ARP 162 PGC 32533
NGC 3418	H363-2	Glxy SAB(s)0/a:	14.1	UGC 5963 MCG 5-26-23 CGCG 155-30 PGC 32549
NGC 3424	H494-2	Glxy SB(s)b:?	13.2	UGC 5972 MCG 6-24-25 CGCG 184-28 IRAS 10489+3309 KUG 1048+331 PGC 32584
NGC 3430	H118-1	Glxy SAB(rs)c	11.5	IC 2613 PGC 32614 UGC 5982 MCG 6-24-26 CGCG 184-29 IRAS 10494+3312 KUG 1049+332
NGC 3432	H172-1	Glxy SB(s)m sp	11.7	UGC 5986 MCG 6-24-28 CGCG 184-30 VV 11 ARP 206 KUG 1049+368 PGC 32643

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Object	Her	Type	Mag	Alias/Notes
NGC 3442		Glxy Sa?	13.8	UGC 6001 MK 418 CGCG 184-34 IRAS 10503+3410 KUG 1050+341 PGC 32679
NGC 3451	H364-2	Glxy Sd	13.6	UGC 6023 MCG 5-26-28 CGCG 155-35 IRAS 10516+2730 PGC 32754
NGC 3486	H87-1	Glxy SAB(r)c	11.1	UGC 6079 MCG 5-26-32 CGCG 155-41 PGC 33166
NGC 3493		Glxy S?	15.2	UGC 6099 MCG 5-26-36 CGCG 155-44 IRAS 10587+2759 PGC 33249
NGC 3504	H88-1	Glxy (R)SAB(s)ab	11.8	UGC 6118 MCG 5-26-39 CGCG 155-49 IRAS 11004+2814 KUG 1100+282 PGC 33371
NGC 3510	H365-2	Glxy SB(s)m sp	12.7	UGC 6126 MCG 5-26-40 CGCG 155-50 IRAS 11010+2909 KUG 1101+291 PGC 33408
NGC 3512	H366-2	Glxy SAB(rs)c	13	UGC 6128 MCG 5-26-41 CGCG 155-51 IRAS 11013+2818 PGC 33432
NGC 3515		Glxy SAc:	14.6	UGC 6139 MCG 5-26-44 CGCG 155-55 IRAS 11018+2829 PGC 33467
PAL 15		Globular	14.2	Palomar 15
PGC 26704		Glxy SBb	16.2	MCG 7-20-8
PGC 29034		Glxy Sm	14.5	UGC 5391 MCG 6-22-54 CGCG 182-60
PGC 29088		Glxy	15.4	MCG 6-22-58
PGC 29818		Glxy SBb	15.1	MCG 7-21-19
PGC 30101		Glxy S	15.5	UGC 5560 MCG 6-23-5 CGCG 183-10
PGC 30116		Glxy	15.2	CGCG 183-11
PGC 30148		Glxy C	15.5	CGCG 183-12
PGC 30344		Glxy E		MCG 7-21-47 IRAS 10190+3844
PGC 30348		Glxy E		MCG 7-21-48
PGC 30365		Glxy S	15.9	MCG 7-21-49
PGC 30385		Glxy S	16.8	MCG 7-21-52
PGC 30459		Glxy SAB(s)bc	15.1	UGC 5622 MCG 6-23-11 CGCG 183-20
PGC 30468		Glxy Scd:	15.3	UGC 5623 MCG 6-23-13
PGC 31477		Glxy IB(s)m:	15.2	UGC 5764 MCG 5-25-25 DDO83 CGCG 154-31 VV 804 ARP 267 ANON 1033+31
PGC 32264		Glxy SAB(s)ab	14.7	UGC 5903 MCG 5-26-11 CGCG 155-14
PGC 32532		Glxy Sbc	15.3	UGC 5958 MCG 5-26-22 CGCG 155-28 ANON 1048+28
PGC 32617		Glxy Dwarf	15.5	UGC 5983 MCG 6-24-27 KARA447 ARP 206
PGC 32620		Glxy Double System	14.5	UGC 5984 MCG 5-26-24 CGCG 155-31 VV 233 ARP 107
PGC 32628		Glxy S		UGC 5984 MCG 5-26-25 CGCG 155-31 VV 233 ARP 107
PGC 33487		Glxy SBbc	14.7	MCG 5-26-47 CGCG 155-56 VV 552 ARP 21 KUG 1102+302
PGC 33488		Glxy S	15.5	MCG 5-26-48 CGCG 155-57
PGC 33503		Glxy	15.7	CGCG 155-58
PGC 33512		Glxy L	15.7	MCG 5-26-49 CGCG 155-59
PGC 33573		Glxy SBb	15	UGC 6152 MCG 5-26-54 CGCG 155-61 IRAS 11033+3012

**Sub Total: 145****Total: 159**