

**Abell 1656**

By RA

<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
MAC 1251+2732	Com Glxy	16
PGC 43583	Com Glxy E/S0	15.5 MCG 5-30-108
MAC 1251+2758	Com Glxy	17
PGC 43618	Com Glxy E?	15.4 MCG 5-30-110 CGCG 159-98
PGC 43619	Com Glxy E/S0	15.5 MCG 5-30-109
PGC 43632	Com Glxy Spiral	15.5 MCG 5-30-111
MAC 1252+2709	Com Glxy	16.5
MAC 1252+2824	Com Glxy	16
PGC 43712	Com Glxy S?	15.8 CGCG 159-101 KUG 1250+276
PGC 43726	Com Glxy S?	14.6 UGC 8017 MCG 5-30-114 CGCG 159-102 IRAS 12504+2838
MAC 1253+2702	Com Glxy	16
PGC 43773	Com Glxy S?	14.8 MCG 5-30-116 CGCG 159-104
MAC 1253+2812	Com Glxy	16
MAC 1253+2701	Com Glxy	16.5
MAC 1253+2747	Com Glxy	16
MAC 1253+2856	Com Glxy	16
PGC 43840	Com Glxy S	15.6 CGCG 160-1 CGCG 159-106 KUG 1251+292
PGC 43847	Com Glxy S	16 KUG 1251+284
MAC 1253+2657	Com Glxy	15.5
NGC 4787	Com Glxy S0/a	15.4 UGC 8026 MCG 5-30-121 CGCG 159-111 CGCG 160-6 PGC 43875
NGC 4789A	Com Glxy IB(s)m	13.9 UGC 8024 MCG 5-30-120 DDO154 CGCG 159-109 CGCG 160-4 PGC 43869
MAC 1254+2805A	Com Glxy	15
PGC 43882	Com Glxy	
NGC 4788	Com Glxy S?	15.3 MCG 5-30-123 CGCG 160-7 CGCG 159-112 PGC 43874
MAC 1254+2804	Com Glxy	16
NGC 4789	Com Glxy SA0:	13.1 UGC 8028 MCG 5-30-124 CGCG 159-113 CGCG 160-8 PGC 43895
MAC 1254+2805B	Com Glxy	16
PGC 43930	Com Glxy SB?	15.3 MCG 5-31-1 CGCG 159-114 CGCG 160-9
MAC 1254+2737	Com Glxy	15.5
PGC 43952	Com Glxy E	15.6 MCG 5-31-2 CGCG 159-115 CGCG 160-10
NGC 4793	Com Glxy SAB(rs)c	12.3 UGC 8033 MCG 5-31-3 CGCG 160-11 CGCG 159-116 IRAS 12522+2912 KUG 1252+292 PGC 43939
MAC 1254+2855	Com Glxy	16.5
PGC 43965	Com Glxy	
PGC 43995	Com Glxy E	15.6 MCG 5-31-5 CGCG 160-14 CGCG 159-119
NGC 4798	Com Non-Existent	NGC 4797 PGC 43981 UGC 8038 MCG 5-31-4 CGCG 159-118 CGCG 160-13
MAC 1254+2818	Com Glxy	16
MAC 1255+2747	Com Glxy	16
MAC 1255+2742	Com Glxy	16
MAC 1255+2751	Com Glxy	15.5
PGC 44031	Com Glxy	15.7 CGCG 160-16
PGC 44043	Com Glxy S0?	14.7 MCG 5-31-7 CGCG 160-15
MAC 1255+2748	Com Glxy	16.5
MAC 1255+2656	Com Glxy	16.5
MAC 1255+2736	Com Glxy	16
PGC 44044	Com Glxy S	15.4 MCG 5-31-8 CGCG 160-18
NGC 4807	Com Glxy SAB0- pec:	14.5 UGC 8049 MCG 5-31-6 CGCG 160-17 PGC 44037

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<b>Object</b>	<b>Con Type</b>	<b>Mag</b>	<b>Alias/Notes</b>
MAC 1255+2732	Com Glxy	16	
MAC 1255+2632	Com Glxy	17.5	
MAC 1255+2756	Com Glxy	16	
MAC 1255+2750	Com Glxy	16	
MAC 1255+2900	Com Glxy	16	
MAC 1255+2746	Com Glxy	15.5	
IC 3900	Com Glxy SB0:	15	MCG 5-31-9 CGCG 160-19 PGC 44068
MAC 1255+2815	Com Glxy	16	
MAC 1255+2754A	Com Glxy	16	
MAC 1255+2736A	Com Glxy	16.5	
MAC 1255+2754B	Com Glxy	16	
MAC 1255+2824	Com Glxy	17	
MAC 1256+2757	Com Glxy	16	
MAC 1256+2802	Com Glxy	16	
PGC 44105	Com Glxy	16.2	MK 53 CGCG 160-20 ANON 1253+27 KUG 1253+279
MAC 1256+2738	Com Glxy	16	
MAC 1256+2719	Com Glxy	17.5	
PGC 44109	Com Glxy C	16	KUG 1253+265
MAC 1256+2842	Com Glxy	17	
MAC 1256+2818	Com Glxy	16	
MAC 1256+2750	Com Glxy	15.5	
MAC 1256+2809	Com Glxy	15.5	
NGC 4816	Com Glxy S0-:	13.8	UGC 8057 MCG 5-31-10 CGCG 160-21 PGC 44114
MAC 1256+2730	Com Glxy	16	
MAC 1256+2726	Com Glxy	15	
IC 834	Com Glxy S	15.3	MCG 5-31-11 CGCG 160-22 PGC 44138
PGC 44137	Com Glxy	15.7	CGCG 160-23
MAC 1256+2917	Com Glxy	16	
MAC 1256+2838	Com Glxy	16.5	
MAC 1256+2743	Com Glxy	15.5	
MAC 1256+2749	Com Glxy	15	
NGC 4819	Com Glxy (R')SAB(r)a:	14.1	UGC 8060 MCG 5-31-14 CGCG 160-25 PGC 44144
IC 3913	Com Glxy S?	15.3	MCG 5-31-12 CGCG 160-26 KUG 1254+275 PGC 44147
NGC 4821	Com Glxy E4:	15.5	MCG 5-31-15 CGCG 160-24 PGC 44148
PGC 44151	Com Glxy L	14.5	MCG 5-31-13 CGCG 160-27
MAC 1256+2703	Com Glxy	15.5	
NGC 4824	Com Non-Existent		STAR ESO 113-38 PGC 44162
MAC 1256+2741	Com Glxy	16	
MAC 1256+2713	Com Glxy	15	
MAC 1256+2627	Com Glxy	16	
PGC 44159	Com Glxy		
MAC 1256+2742	Com Glxy	16.5	
MAC 1256+2857	Com Glxy	16	
MAC 1256+2806	Com Glxy	16.5	
MAC 1256+2804	Com Glxy	16	
MAC 1256+2732	Com Glxy	16.5	

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
NGC 4828	Com Glxy S?	15.2 MCG 5-31-17 CGCG 160-29 PGC 44176
NGC 4827	Com Glxy S0-	13.9 UGC 8065 MCG 5-31-16 CGCG 160-28 PGC 44178
MAC 1256+2803	Com Glxy	15.5
MAC 1256+2625	Com Glxy	17
MAC 1256+2834	Com Glxy	17
MAC 1256+2717	Com Glxy	16.5
MAC 1256+2725	Com Glxy	15.5
PGC 44212	Com Glxy S	15.7 MCG 5-31-19 CGCG 160-31
PGC 44193	Com Glxy S?	15.4 MCG 5-31-20 CGCG 160-34 KUG 1254+291
PGC 44195	Com Glxy S	16 KUG 1254+296
PGC 44196	Com Glxy E	15.2 MCG 5-31-18 CGCG 160-33 ARAK395
MAC 1256+2624	Com Glxy	16.5
IC 835	Com Glxy S?	15.1 MCG 5-31-21 CGCG 160-32 KUG 1254+267 PGC 44200
MAC 1256+2755	Com Glxy	15.5
PGC 44214	Com Glxy	
MAC 1256+2837	Com Glxy	15.5
PGC 44229	Com Glxy	15.6 CGCG 160-35
MAC 1257+2722A	Com Glxy	16
MAC 1257+2731	Com Glxy	16
MAC 1257+2743	Com Glxy	16
MAC 1257+2746	Com Glxy	15.5
MAC 1257+2858	Com Glxy	15.5
PGC 44268	Com Glxy S?	15.4 MCG 5-31-23 CGCG 160-37
MAC 1257+2724A	Com Glxy	15.5
PGC 44263	Com Glxy SB?	15.1 UGC 8069 MCG 5-31-24 CGCG 160-38
MAC 1257+2706	Com Glxy	16.5
MAC 1257+2743A	Com Glxy	17
MAC 1257+2826	Com Glxy	17.5
MAC 1257+2748	Com Glxy	15
MAC 1257+2744A	Com Glxy	17
MAC 1257+2736	Com Glxy	15
MAC 1257+2752A	Com Glxy	15.5
MAC 1257+2659	Com Glxy	17
MAC 1257+2733	Com Glxy	17
MAC 1257+2745A	Com Glxy	15.5
NGC 4839	Com Glxy E+	13 UGC 8070 MCG 5-31-25 CGCG 160-39 PGC 44298
PGC 44300	Com Glxy	15.9 MK 55 ANON 1255+27A KUG 1254+276
MAC 1257+2830	Com Glxy	16.5
PGC 44304	Com Glxy S0	14.9 CGCG 160-40
MAC 1257+2739	Com Glxy	17
MAC 1257+2724B	Com Glxy	16.5
MAC 1257+2826A	Com Glxy	16.5
MAC 1257+2810A	Com Glxy	15
MAC 1257+2851	Com Glxy	17.5
PGC 44319	Com Glxy S	15.4 UGC 8071 CGCG 160-43
MAC 1257+2722B	Com Glxy	16

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
IC 837	Com Glxy S?	15.6 MCG 5-31-28 CGCG 160-41 PGC 44322
NGC 4841A	Com Non-Existent	NGC 4841-1 PGC 44323 UGC 8072 MCG 5-31-26 CGCG 160-44
NGC 4840	Com Glxy E1:	14.7 MCG 5-31-29 CGCG 160-42 PGC 44324
NGC 4841B	Com Non-Existent	NGC 4841-2 PGC 44329 UGC 8073 MCG 5-31-27 CGCG 160-44
MAC 1257+2720	Com Glxy	17.5
NGC 4842A	Com Glxy E0	14.2 MCG 5-31-30 CGCG 160-46 PGC 44337
NGC 4842B	Com Glxy E3:	15.4 MCG 5-31-31 CGCG 160-46 PGC 44338
MAC 1257+2805	Com Glxy	16
MAC 1257+2701	Com Glxy	15
MAC 1257+2709	Com Glxy	16.5
MAC 1257+2744	Com Glxy	16
PGC 44341	Com Glxy SAB0-	15.4 CGCG 160-45
MAC 1257+2901	Com Glxy	16.5
MAC 1257+2725	Com Glxy	16
MAC 1257+2745B	Com Glxy	15.5
MAC 1257+2808	Com Glxy	16
MAC 1257+2908	Com Glxy	16
PGC 44351	Com Glxy	15.7 CGCG 160-47
MAC 1257+2743B	Com Glxy	16.5
PGC 44364	Com Glxy E3?	15.5 MCG 5-31-32 CGCG 160-48 ANON 1255+28
PGC 44367	Com Glxy E3?	15.5 CGCG 160-49
PGC 44370	Com Glxy SABd:	15 UGC 8076 MCG 5-31-34 CGCG 160-50 KUG 1255+299
MAC 1257+2810B	Com Glxy	17.5
MAC 1257+2752B	Com Glxy	15.5
MAC 1257+2638	Com Glxy	16.5
MAC 1257+2742	Com Glxy	16.5
MAC 1257+2829	Com Glxy	16
MAC 1257+2651	Com Glxy	18
MAC 1257+2737	Com Glxy	17.5
PGC 44391	Com Glxy SBb	17.3 MCG 5-31-36
PGC 44382	Com Glxy	
MAC 1257+2734	Com Glxy	16.1
MAC 1257+2702	Com Glxy	15.5
MAC 1257+2759	Com Glxy	16.5
PGC 44386	Com Glxy S	15.9 MCG 5-31-35 KUG 1255+283
MAC 1257+2831	Com Glxy	17
MAC 1258+2751	Com Glxy	17.5
PGC 44406	Com Glxy SBa	16.8 MCG 5-31-37
PGC 44394	Com Glxy S0/a	15 UGC 8080 MCG 5-31-38 CGCG 160-51 3ZW68 ANON 1255+27B
PGC 44393	Com Glxy SA(s)ab sp	15.4 CGCG 160-52
MAC 1258+2758	Com Glxy	16
PGC 44390	Com Glxy	15.7 CGCG 160-53
MAC 1258+2839	Com Glxy	17
MAC 1258+2622	Com Glxy	16
NGC 4848	Com Glxy SBab: sp	14.4 UGC 8082 MCG 5-31-39 CGCG 160-55 IRAS 12556+2830 KUG 1255+285 PGC 44405
MAC 1258+2901	Com Glxy	17

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MAC 1258+2822	Com Glxy	15.5
MAC 1258+2724	Com Glxy	16
MAC 1258+2734	Com Glxy	16.5
MAC 1258+2619	Com Glxy	15
PGC 44416	Com Glxy S?	15.5 MCG 5-31-41 CGCG 160-58
MAC 1258+2639	Com Glxy	15.5
NGC 4849	Com Glxy S0^:	13.9 IC 3935 PGC 44424 UGC 8086 MCG 5-31-44 CGCG 160-56
PGC 44422	Com Glxy S?	15.1 CGCG 160-59
IC 838	Com Glxy SB	16.1 MCG 5-31-43 PGC 44444
MAC 1258+2810	Com Glxy	15
PGC 44423	Com Glxy S?	15.4 CGCG 160-57
MAC 1258+2831A	Com Glxy	17.5
MAC 1258+2708	Com Glxy	17.5
MAC 1258+2749A	Com Glxy	16
MAC 1258+2710	Com Glxy	15.5
MAC 1258+2743	Com Glxy	17
PGC 44441	Com Glxy	
MAC 1258+2750	Com Glxy	17
MAC 1258+2907	Com Glxy	16.5
PGC 44438	Com Glxy S0	15 MCG 5-31-45 CGCG 160-62
PGC 44437	Com Glxy	16.5 KUG 1255+275
PGC 44440	Com Glxy	
MAC 1258+2841	Com Glxy	16
MAC 1258+2725	Com Glxy	16
MAC 1258+2637	Com Glxy	16
NGC 4850	Com Glxy SA0	15.2 MCG 5-31-40 CGCG 160-63 PGC 44449
NGC 4851	Com Glxy SBa	15.2 IC 839 CGCG 160-61 PGC 44439
MAC 1258+2753	Com Glxy	16.5
MAC 1258+2809	Com Glxy	15.5
MAC 1258+2712	Com Glxy	16.5
MAC 1258+2807A	Com Glxy	16.5
MAC 1258+2936	Com Glxy	15.5
MAC 1258+2831B	Com Glxy	17
MAC 1258+2733	Com Glxy	16
MAC 1258+2818	Com Glxy	16
MAC 1258+2825	Com Glxy	17.5
PGC 44467	Com Glxy S0?	14.1 MCG 5-31-46 CGCG 160-65
MAC 1258+2851	Com Glxy	16.5
MAC 1258+2814	Com Glxy	16.5
PGC 44469	Com Glxy	
PGC 44466	Com Glxy	
MAC 1258+2727A	Com Glxy	15
MAC 1258+2614	Com Glxy	15.5
MAC 1258+2822A	Com Glxy	17
PGC 44461	Com Glxy	16 KUG 1256+278A
NGC 4853	Com Glxy (R')SA0-?	14.4 UGC 8092 MCG 5-31-48 CGCG 160-68 2ZW67 IRAS 12561+2752 KUG 1256+278B PGC 44481

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
PGC 44479	Com Glxy S0 pec?	16.2 MK 56 CGCG 160-64 ANON 1256+27A KUG 1256+275
PGC 44483	Com Glxy S	17 KUG 1256+285
IC 3943	Com Glxy	15.6 CGCG 160-69 PGC 44485
PGC 44487	Com Glxy S	15.3 MCG 5-31-47 CGCG 160-66
PGC 44486	Com Glxy S0 pec? sp	18 MK 57 CGCG 160-67 ANON 1256+27B KUG 1256+274
MAC 1258+2727B	Com Glxy	15.5
MAC 1258+2732	Com Glxy	16
MAC 1258+2637A	Com Glxy	17
MAC 1258+2757	Com Glxy	16.5
MAC 1258+2645	Com Glxy	16.5
MAC 1258+2854	Com Glxy	16.5
MAC 1258+2841A	Com Glxy	17
NGC 4854	Com Glxy SB0	14.9 MCG 5-31-49 CGCG 160-70 PGC 44502
IC 3946	Com Glxy SA0 sp	15.1 MCG 5-31-50 CGCG 160-210 PGC 44508
PGC 44511	Com Glxy	16.5
IC 3947	Com Glxy SA0	15.5 CGCG 160-211 PGC 44515
PGC 44518	Com Glxy	
MAC 1258+2807	Com Glxy	16
MAC 1258+2817	Com Glxy	17
PGC 44519	Com Glxy	
PGC 44519	Com Glxy	
PGC 44522	Com Glxy	16.5
IC 3949	Com Glxy S	15.1 UGC 8096 MCG 5-31-52 CGCG 160-212 KUG 1256+281 PGC 44524
PGC 44523	Com Glxy	16.5 KUG 1256+287A
MAC 1258+2749	Com Glxy	16.5
MAC 1258+2735	Com Glxy	15
PGC 44533	Com Glxy	17
MAC 1259+2732	Com Glxy	16.5
PGC 44537	Com Glxy SB(s)m:	15.2 CGCG 160-214
NGC 4859	Com Glxy S0/a	14.6 UGC 8097 MCG 5-31-53 CGCG 160-71 PGC 44534
NGC 4858	Com Glxy SBb	15.7 MCG 5-31-51 CGCG 160-213 IRAS 12566+2823 PGC 44535
NGC 4860	Com Glxy E2:	14.6 MCG 5-31-54 CGCG 160-215 PGC 44539
PGC 44546	Com Glxy	
PGC 44547	Com Glxy	
MAC 1259+2657	Com Glxy	17
PGC 44542	Com Glxy	
PGC 44541	Com Glxy SBa	15.1 MCG 5-31-57 MK 58 CGCG 160-73 ANON 1256+27C KUG 1256+279
IC 3955	Com Glxy SA0	15.4 CGCG 160-216 PGC 44544
PGC 44560	Com Glxy	
MAC 1259+2848	Com Glxy	16.5
MAC 1259+2632	Com Glxy	16
MAC 1259+2746A	Com Glxy	16.5
IC 3957	Com Glxy S0?	15.8 MCG 5-31-60 CGCG 160-217 PGC 44554
IC 3960	Com Glxy SB0	15.9 MCG 5-31-55 CGCG 160-219 PGC 44551
IC 3959	Com Glxy E3	15.3 MCG 5-31-59 CGCG 160-218 PGC 44553
MAC 1259+2843	Com Glxy	16

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
MAC 1259+2802	Com Glxy	17
IC 3960A	Com Glxy	17 MCG 5-31-56 PGC 44552
PGC 44562	Com Glxy	
MAC 1259+2800	Com Glxy	17
NGC 4864	Com Glxy E2	14.6 MCG 5-31-58 CGCG 160-221 ARAK397 PGC 44566
IC 3963	Com Glxy SA0 sp	15.8 MCG 5-31-61 CGCG 160-220 PGC 44567
PGC 44563	Com Glxy SAab?	15 CGCG 160-74
PGC 44575	Com Glxy E	15.6 MCG 5-31-63 CGCG 160-223
MAC 1259+2815	Com Glxy	16.5
NGC 4867	Com Glxy E3	15.4 MCG 5-31-62 CGCG 160-222 PGC 44568
MAC 1259+2709	Com Glxy	15.5
PGC 44576	Com Glxy	
MAC 1259+2706	Com Glxy	16
MAC 1259+2653	Com Glxy	17
MAC 1259+2742	Com Glxy	16
MAC 1259+2730	Com Glxy	17
MAC 1259+2735	Com Glxy	17
NGC 4865	Com Glxy E6	14.6 UGC 8100 MCG 5-31-64 CGCG 160-224 PGC 44578
MAC 1259+2758A	Com Glxy	17.5
PGC 44573	Com Glxy	
PGC 44581	Com Glxy	15.4
PGC 44574	Com Glxy	
MAC 1259+2826	Com Glxy	17
MAC 1259+2758B	Com Glxy	16
MAC 1259+2848A	Com Glxy	17
PGC 44585	Com Glxy	16.3
PGC 44586	Com Glxy C	16.5 KUG 1256+287B
NGC 4869	Com Glxy E3	14.8 MCG 5-31-65 CGCG 160-225 PGC 44587
PGC 44596	Com Glxy	
MAC 1259+2759A	Com Glxy	17
PGC 44597	Com Glxy	16.7
PGC 44598	Com Glxy	
PGC 44595	Com Glxy	
PGC 44593	Com Glxy	
PGC 44592	Com Glxy	
PGC 44594	Com Glxy	16.6
MAC 1259+2747	Com Glxy	16.5
PGC 44609	Com Glxy	
PGC 44602	Com Glxy	16.5
IC 3976	Com Glxy E6	15.7 CGCG 160-226 PGC 44603
NGC 4871	Com Glxy SA0	15.2 MCG 5-31-66 CGCG 160-227 PGC 44606
IC 3973	Com Glxy SB0	15.4 CGCG 160-228 PGC 44612
PGC 44608	Com Glxy	
PGC 44616	Com Glxy	15.9
MAC 1259+2751A	Com Glxy	17.5
PGC 44611	Com Glxy	17.4

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
NGC 4873	Com Glxy SA0	15.1 MCG 5-31-69 CGCG 160-229 PGC 44621
NGC 4872	Com Glxy SB0	15.4 MCG 5-31-68 CGCG 160-230 PGC 44624
MAC 1259+2751B	Com Glxy	17
PGC 44629	Com Glxy S	16 KUG 1257+288A
NGC 4874	Com Glxy E+0	12.6 UGC 8103 MCG 5-31-70 CGCG 160-231 PGC 44628
MAC 1259+2828	Com Glxy	17.5
PGC 44634	Com Glxy	16.7
MAC 1259+2720	Com Glxy	16
NGC 4875	Com Glxy SA0	15.7 CGCG 160-232 PGC 44640
MAC 1259+2746B	Com Glxy	16.5
PGC 44635	Com Glxy	
PGC 44636	Com Glxy	14.8
PGC 44637	Com Glxy	
IC 3990	Com Glxy S?	15.3 MCG 5-31-71 CGCG 160-77 PGC 44633
PGC 44654	Com Glxy	
PGC 44644	Com Glxy	14.4
IC 3991	Com Glxy S	15.5 MCG 5-31-72 CGCG 160-78 PGC 44632
PGC 44643	Com Glxy S	15.5 KUG 1257+278
PGC 44662	Com Glxy	16 CGCG 160-235
PGC 44651	Com Glxy	
PGC 44647	Com Glxy S?	15.9 CGCG 160-76 KUG 1257+288B
MAC 1259+2739	Com Glxy	16
MAC 1259+2830	Com Glxy	17
PGC 44649	Com Glxy	16.6 CGCG 160-233
MAC 1259+2751C	Com Glxy	17
PGC 44656	Com Glxy	15.2
PGC 44652	Com Glxy	
NGC 4876	Com Glxy E5	15.4 MCG 5-31-73 CGCG 160-234 ARAK398 PGC 44658
PGC 44653	Com Glxy	
MAC 1259+2753	Com Glxy	17.5
MAC 1259+2657A	Com Glxy	16
MAC 1259+2751D	Com Glxy	15.5
IC 3998	Com Glxy SB0	15.6 CGCG 160-236 PGC 44664
MAC 1259+2759B	Com Glxy	18
PGC 44667	Com Glxy S0/a	15.2 MCG 5-31-74 CGCG 160-79
PGC 44666	Com Glxy	
PGC 44676	Com Glxy	
MAC 1259+2804	Com Glxy	16.5
MAC 1259+2658	Com Glxy	16.5
MAC 1259+2649	Com Glxy	15.5
PGC 44679	Com Glxy	16.3
MAC 1259+2747A	Com Glxy	16
NGC 4883	Com Glxy SB0	15.4 CGCG 160-237 PGC 44682
MAC 1259+2744	Com Glxy	16.5
PGC 44675	Com Glxy	16.4
MAC 1259+2803	Com Glxy	17

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
NGC 4881	Com Glxy E+	14.6 UGC 8106 MCG 5-31-75 CGCG 160-238 PGC 44686
MAC 1259+2711	Com Glxy	15
PGC 44692	Com Glxy	
PGC 44693	Com Glxy	
MAC 1300+2657	Com Glxy	16.5
MAC 1300+2743	Com Glxy	17.5
PGC 44691	Com Glxy	
NGC 4892	Com Glxy S	14.9 UGC 8108 MCG 5-31-78 CGCG 160-81 PGC 44697
MAC 1300+2649	Com Glxy	16
MAC 1300+2757A	Com Glxy	16.5
MAC 1300+2836	Com Glxy	16
PGC 44712	Com Glxy	
NGC 4886	Com Non-Existent	
MAC 1300+2701	Com Glxy	16.5
PGC 44707	Com Glxy	16.5
PGC 44699	Com Glxy	15.7 CGCG 160-240
MAC 1300+2755	Com Glxy	17
PGC 44708	Com Glxy	
PGC 44710	Com Glxy	
PGC 44704	Com Glxy	
MAC 1300+2815	Com Glxy	17
IC 4011	Com Glxy E	16.1 CGCG 160-242 PGC 44705
MAC 1300+2718	Com Glxy	15.5
MAC 1300+2927	Com Glxy	15.5
MAC 1300+2746A	Com Glxy	16.5
IC 4012	Com Glxy E	16 CGCG 160-244 PGC 44714
NGC 4889	Com Non-Existent	
MAC 1300+2809	Com Glxy	16
PGC 44716	Com Glxy SBa	16 MK 60 CGCG 160-243 ANON 1257+28 KUG 1257+281
NGC 4895A	Com Glxy E	16 CGCG 160-245 PGC 44717
PGC 44709	Com Glxy	
MAC 1300+2735	Com Glxy	16
MAC 1300+2804	Com Glxy	17
MAC 1300+2746B	Com Glxy	16
PGC 44723	Com Glxy	16.4
MAC 1300+2803	Com Glxy	17.5
MAC 1300+2752	Com Glxy	17
PGC 44722	Com Glxy S0?	15.2 MCG 5-31-79 CGCG 160-83
PGC 44725	Com Glxy S	15.5 KUG 1257+275
IC 4021	Com Glxy E	15.9 MCG 5-31-80 CGCG 160-246 ARAK399 PGC 44726
NGC 4894	Com Glxy SA0	15.1 CGCG 160-247 PGC 44732
PGC 44740	Com Glxy	16.5
NGC 4895	Com Glxy SA0 pec sp	14.2 UGC 8113 MCG 5-31-81 CGCG 160-249 PGC 44737
PGC 44739	Com Glxy S?	16.1 CGCG 160-82 KUG 1257+276
MAC 1300+2747	Com Glxy	17
NGC 4898	Com Glxy E pec	14.5 MCG 5-31-82 CGCG 160-248 PGC 44736

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
MAC 1300+2805	Com Glxy	17.5
MAC 1300+2749A	Com Glxy	16
PGC 44741	Com Glxy	16.7
MAC 1300+2733A	Com Glxy	15.5
MAC 1300+2852	Com Glxy	17
MAC 1300+2807	Com Glxy	17.5
MAC 1300+2750A	Com Glxy	17
MAC 1300+2920	Com Glxy	16
MAC 1300+2647	Com Glxy	15.5
MAC 1300+2654	Com Glxy	16
IC 4026	Com Glxy SB0	15.6 CGCG 160-250 PGC 44749
MAC 1300+2814	Com Glxy	17
MAC 1300+2737	Com Glxy	16
PGC 44750	Com Glxy	
MAC 1300+2702	Com Glxy	16.5
MAC 1300+2834	Com Glxy	17.5
MAC 1300+2755A	Com Glxy	17
MAC 1300+2733B	Com Glxy	16.1
IC 4032	Com Glxy C	15.5 MCG 5-31-83 CGCG 160-85 PGC 44756
MAC 1300+2730	Com Glxy	16
PGC 44763	Com Glxy	15.4
PGC 44771	Com Glxy	15.2
PGC 44760	Com Glxy S?	15.1 CGCG 160-84
PGC 44765	Com Glxy S	15.5 KUG 1258+277
MAC 1300+2719	Com Glxy	17
NGC 4896	Com Glxy S0- pec:	14.9 UGC 8117 MCG 5-31-84 CGCG 160-87 PGC 44768
MAC 1300+2857	Com Glxy	16.5
MAC 1300+2658	Com Glxy	16
MAC 1300+2815A	Com Glxy	17.5
PGC 44773	Com Glxy	
MAC 1300+2749B	Com Glxy	16.5
PGC 44779	Com Glxy S?	15.7 CGCG 160-86 KUG 1258+279A
PGC 44785	Com Glxy S	15.5 KUG 1258+278
PGC 44784	Com Glxy	15.7 CGCG 160-251
MAC 1300+2705	Com Glxy	16.5
IC 4040	Com Glxy Sdm:	15.4 MCG 5-31-85 CGCG 160-252 IRAS 12582+2819 KUG 1258+283 PGC 44789
PGC 44792	Com Glxy	
PGC 44794	Com Glxy	
IC 842	Com Glxy S?	14.7 UGC 8118 MCG 5-31-87 CGCG 160-88 PGC 44795
NGC 4906	Com Glxy E3	15.1 CGCG 160-253 PGC 44799
PGC 44803	Com Glxy S	16 KUG 1258+287
IC 4041	Com Glxy E6	15.3 MCG 5-31-86 CGCG 160-254 PGC 44804
MAC 1300+2753A	Com Glxy	16
IC 4042	Com Glxy SB0	15.3 CGCG 160-255 PGC 44808
PGC 44809	Com Glxy	16.3
PGC 44811	Com Glxy	

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
PGC 44805	Com Glxy E6	15.2 CGCG 160-89
PGC 44815	Com Glxy	16.5
MAC 1300+2750B	Com Glxy	16.5
PGC 44821	Com Glxy	
IC 4045	Com Glxy E4	15 MCG 5-31-88 CGCG 160-256 PGC 44818
NGC 4907	Com Glxy SB(r)b	14.4 MCG 5-31-89 CGCG 160-257 PGC 44819
PGC 44822	Com Glxy S0/a	15 UGC 8122 MCG 5-31-91 CGCG 160-90
MAC 1300+2802	Com Glxy	16.5
MAC 1300+2744	Com Glxy	17
NGC 4908	Com Glxy E5	14.7 MCG 5-31-92 CGCG 160-258 PGC 44828
MAC 1300+2818	Com Glxy	16.5
PGC 44848	Com Glxy E?	14.8 MCG 5-31-95 CGCG 160-91
MAC 1300+2753B	Com Glxy	17
NGC 4911A	Com Glxy S0	15.3
IC 4051	Com Glxy E0	14.2 UGC 8129 MCG 5-31-90 CGCG 160-259 PGC 44832
PGC 44835	Com Glxy	
MAC 1300+2753C	Com Glxy	17
NGC 4911	Com Glxy SAB(r)bc	13.6 UGC 8128 MCG 5-31-93 CGCG 160-260 IRAS 12584+2803 PGC 44840
PGC 44844	Com Glxy S	16 KUG 1258+279B
PGC 44849	Com Glxy	15.6 CGCG 160-261
MAC 1300+2747A	Com Glxy	18
MAC 1301+2701	Com Glxy	16.5
MAC 1301+2753A	Com Glxy	17
PGC 44863	Com Glxy	
MAC 1301+2821	Com Glxy	16
PGC 44864	Com Glxy E	15.7 MCG 5-31-96 CGCG 160-92
MAC 1301+2928	Com Glxy	17
PGC 44850	Com Glxy SA0	15.7 MCG 5-31-94 CGCG 160-93
MAC 1301+2714	Com Glxy	17
MAC 1301+2736A	Com Glxy	16
MAC 1301+2753B	Com Glxy	16.5
MAC 1301+2804	Com Glxy	17
PGC 44878	Com Glxy	16.8
MAC 1301+2831	Com Glxy	17
MAC 1301+2740	Com Glxy	16
MAC 1301+2852	Com Glxy	16.5
NGC 4919	Com Glxy (R')SA(r)0 <sup>+</sup>	15.1 UGC 8133 MCG 5-31-97 CGCG 160-94 PGC 44885
MAC 1301+2805	Com Glxy	17.5
MAC 1301+2811A	Com Glxy	14.5
NGC 4922	Com Glxy I0 pec	13.9 UGC 8135 MCG 5-31-99 CGCG 160-96 VV 609 IRAS 12590+2934 PGC 44896
PGC 44898	Com Glxy S?	15.3 CGCG 160-98 KUG 1259+289
NGC 4921	Com Glxy SB(rs)ab	13 UGC 8134 MCG 5-31-98 CGCG 160-95 PGC 44899
MAC 1301+2826	Com Glxy	16
PGC 44897	Com Glxy	
MAC 1301+2833	Com Glxy	16.5
NGC 4923	Com Glxy (R')SA(r)0-?	14.7 MCG 5-31-101 CGCG 160-97 PGC 44903

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
MAC 1301+2820	Com Glxy	17
IC 843	Com Glxy S0	14.6 UGC 8137 MCG 5-31-100 CGCG 160-99 PGC 44908
MAC 1301+2754	Com Glxy	17
PGC 44909	Com Glxy	
MAC 1301+2742	Com Glxy	16.5
MAC 1301+2800	Com Glxy	17.5
MAC 1301+2814	Com Glxy	17
MAC 1301+2802	Com Glxy	18
PGC 44917	Com Glxy S	17 MK 61 KUG 1259+296
IC 4088	Com Glxy Sab	14.7 UGC 8140 MCG 5-31-102 CGCG 160-102 PGC 44921
MAC 1301+2859	Com Glxy	16
MAC 1301+2812	Com Glxy	16.5
MAC 1301+2757	Com Glxy	16
PGC 44928	Com Glxy Sab	15.1 CGCG 160-101
MAC 1301+2839	Com Glxy	16.5
MAC 1301+2721	Com Glxy	17
MAC 1301+2736B	Com Glxy	15
MAC 1301+2810	Com Glxy	16.5
PGC 44929	Com Glxy Sab	15.1 CGCG 160-100
NGC 4926	Com Glxy SA0-:	14 UGC 8142 MCG 5-31-103 CGCG 160-103 PGC 44938
MAC 1301+2811B	Com Glxy	16
MAC 1301+2823	Com Glxy	17
NGC 4927	Com Glxy SA0-:	14.7 MCG 5-31-104 CGCG 160-105 PGC 44945
MAC 1301+2731	Com Glxy	16.5
PGC 44947	Com Glxy	15.6 CGCG 160-104 KUG 1259+280
MAC 1302+2739	Com Glxy	16
PGC 44973	Com Glxy S?	15.4 MCG 5-31-106 CGCG 160-107
MAC 1302+2853	Com Glxy	16.5
MAC 1302+2717A	Com Glxy	16
MAC 1302+2745	Com Glxy	16.5
NGC 4926A	Com Glxy S0 pec?	15.2 MCG 5-31-107 CGCG 160-106 KUG 1259+279 PGC 44968
PGC 44975	Com Glxy S0?	15.3 MCG 5-31-105 CGCG 160-109
MAC 1302+2839	Com Glxy	16.5
MAC 1302+2811	Com Glxy	16.5
MAC 1302+2827	Com Glxy	16.5
MAC 1302+2810	Com Glxy	17
PGC 44976	Com Glxy SB	15.6 MCG 5-31-108 CGCG 160-108 KUG 1259+284
MAC 1302+2830	Com Glxy	17
MAC 1302+2806	Com Glxy	16
MAC 1302+2820	Com Glxy	16
MAC 1302+2857	Com Glxy	16.5
PGC 45003	Com Glxy SAB(s)dm:	15.1 CGCG 160-110
PGC 45002	Com Glxy	15.7 CGCG 160-111
MAC 1302+2711	Com Glxy	17
MAC 1302+2719	Com Glxy	16
MAC 1302+2821	Com Glxy	16.5

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
MAC 1302+2717B	Com Glxy	18.5
MAC 1302+2826	Com Glxy	16
MAC 1302+2717C	Com Glxy	16
MAC 1302+2756	Com Glxy	15.5
MAC 1302+2726	Com Glxy	16
IC 4106	Com Glxy S	15.5 MCG 5-31-109 CGCG 160-112 PGC 45025
PGC 45023	Com Glxy S0?	15.4 MCG 5-31-110 CGCG 160-114
PGC 45024	Com Glxy	
NGC 4929	Com Glxy E1:	14.4 MCG 5-31-111 CGCG 160-113 PGC 45027
PGC 45037	Com Glxy S	16.5 KUG 1300+293
PGC 45032	Com Glxy E1:	15.3 CGCG 160-115
PGC 45045	Com Glxy	17.1 MCG 5-31-112
MAC 1302+2818	Com Glxy	16.5
IC 4111	Com Glxy S	15.8 MCG 5-31-113 CGCG 160-116 PGC 45051
MAC 1302+2822	Com Glxy	17.5
MAC 1302+2714	Com Glxy	16.5
NGC 4931	Com Glxy S0 sp	14.5 UGC 8154 MCG 5-31-114 CGCG 160-118 PGC 45055
MAC 1303+2714	Com Glxy	16
MAC 1303+2747	Com Glxy	15.5
PGC 45066	Com Glxy S	15.9 CGCG 160-117 KUG 1300+267
PGC 45077	Com Glxy (R')SB(s)a	15.1 CGCG 160-119
MAC 1303+2749	Com Glxy	17
MAC 1303+2810A	Com Glxy	16.5
MAC 1303+2722	Com Glxy	15.5
NGC 4934	Com Glxy S?	15.2 UGC 8160 MCG 5-31-115 CGCG 160-120 PGC 45082
PGC 45083	Com Glxy S	15.5 KUG 1300+276
MAC 1303+2818	Com Glxy	15.5
MAC 1303+2800	Com Glxy	15.5
MAC 1303+2833	Com Glxy	16.5
PGC 45097	Com Glxy S	15.2 UGC 8161 MCG 5-31-116 CGCG 160-121
MAC 1303+2816	Com Glxy	16.5
MAC 1303+2806	Com Glxy	16
MAC 1303+2809	Com Glxy	17
MAC 1303+2854	Com Glxy	16.5
NGC 4943	Com Glxy SAB0	15.6 CGCG 160-122 PGC 45129
NGC 4944	Com Glxy S0/a? sp	13.8 UGC 8167 MCG 5-31-118 CGCG 160-124 PGC 45133
MAC 1303+2803	Com Glxy	16
MAC 1303+2810B	Com Glxy	16.5
IC 4133	Com Glxy E?	15.4 MCG 5-31-117 CGCG 160-123 PGC 45140
MAC 1303+2810C	Com Glxy	16.5
MAC 1303+2818A	Com Glxy	17.5
MAC 1303+2811	Com Glxy	15.5
MAC 1304+2818	Com Glxy	16.5
MAC 1304+2757	Com Glxy	15.5
MAC 1304+2901	Com Glxy	17
PGC 45162	Com Glxy SB?	15.3 CGCG 160-125

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<b>Object</b>	<b>Con Type</b>	<b>Mag</b>	<b>Alias/Notes</b>
PGC 45160	Com Glxy S	16	KUG 1301+277
MAC 1304+2811	Com Glxy	15.5	
MAC 1304+2832A	Com Glxy	17.5	
MAC 1304+2832	Com Glxy	17.5	
NGC 4949	Com Glxy SB(s)b pec sp		PGC 45161
PGC 45175	Com Glxy		
PGC 45184	Com Glxy S?	15.3	CGCG 160-128 KUG 1301+290
PGC 45190	Com Glxy S?	15.1	MCG 5-31-119 CGCG 160-127 KUG 1302+275
PGC 45194	Com Glxy S?	15.3	MCG 5-31-120 CGCG 160-126
PGC 45203	Com Glxy S	16	KUG 1302+288A
MAC 1304+2814	Com Glxy	15.5	
MAC 1304+2913	Com Glxy	16.5	
PGC 45210	Com Glxy S	16.5	KUG 1302+288B
MAC 1304+2815	Com Glxy	16.5	
MAC 1304+2845	Com Glxy	17	
MAC 1304+2839	Com Glxy	16.5	
MAC 1304+2816	Com Glxy	17	
NGC 4952	Com Glxy E	13.4	NGC 4962 PGC 45233 UGC 8175 MCG 5-31-121 CGCG 160-129
MAC 1305+2844	Com Glxy	16	
MAC 1305+2738	Com Glxy	16.5	
MAC 1305+2838	Com Glxy	17	
MAC 1305+2730	Com Glxy	16	
NGC 4957	Com Glxy E3	14	UGC 8178 MCG 5-31-124 CGCG 160-130 PGC 45253
MAC 1305+2809	Com Glxy	16	
MAC 1305+2735	Com Glxy	16.5	
PGC 45271	Com Glxy S	15.6	MCG 5-31-125 CGCG 160-132
PGC 45289	Com Glxy S	16	KUG 1303+292
NGC 4961	Com Non-Existent		NGC 4960 PGC 45311 UGC 8185 MCG 5-31-126 CGCG 160-134 IRAS 13033+2800 KUG 1303+280
MAC 1305+2805	Com Glxy	15	
MAC 1305+2747	Com Glxy	16.5	
NGC 4960	Com Glxy		NGC 4961 PGC 45312
PGC 45310	Com Glxy C	17	1ZW51
MAC 1305+2807	Com Glxy	16.5	
MAC 1305+2901	Com Glxy	16	
PGC 45328	Com Glxy SA(s)dm:	15.4	CGCG 160-135
PGC 45347	Com Glxy C	16.5	KUG 1303+287A
MAC 1306+2803A	Com Glxy	16.5	
MAC 1306+2809	Com Glxy	18	
MAC 1306+2742	Com Glxy	15.5	
PGC 45352	Com Glxy S	16.5	KUG 1303+287B
MAC 1306+2908	Com Glxy	17.5	
NGC 4966	Com Glxy S	14	UGC 8194 MCG 5-31-131 CGCG 160-137 IRAS 13039+2919 PGC 45358
MAC 1306+2715	Com Glxy	15.5	
MAC 1306+2803	Com Glxy	16	
MAC 1306+2808	Com Glxy	17	

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<b>Object</b>	<b>Con Type</b>	<b>Mag Alias/Notes</b>
MAC 1306+2821	Com Glxy	17.5
PGC 45375	Com Glxy	15.7 CGCG 160-138
PGC 45386	Com Glxy S?	15 MCG 5-31-132 IRAS 13042+2808 ANON 1304+28 KUG 1304+281
MAC 1306+2820	Com Glxy	15.5
PGC 45388	Com Glxy S?	15.1 MCG 5-31-133 CGCG 160-139 VV 841 KUG 1304+291
MAC 1306+2831	Com Glxy	16
MAC 1306+2753	Com Glxy	16.5
NGC 4971	Com Glxy S0?	14.4 MCG 5-31-134 CGCG 160-140 PGC 45406
PGC 45442	Com Glxy S?	15.7 CGCG 160-141 KUG 1304+283
MAC 1307+2815	Com Glxy	16.5
MAC 1307+2820	Com Glxy	17
MAC 1307+2817	Com Glxy	16
PGC 45471	Com Glxy S0/a	15.7 UGC 8206 CGCG 160-143
MAC 1307+2819	Com Glxy	16
MAC 1307+2730	Com Glxy	16
MAC 1307+2822	Com Glxy	16
MAC 1308+2815	Com Glxy	16
MAC 1308+2749	Com Glxy	15.5
<b>Total:</b>	<b>661</b>	