

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 4016		Glxy SBdm:	13.8	UGC 6954 MCG 5-28-63 CGCG 157-68 KUG 1155+278 ARP 305 PGC 37687
NGC 4014		Glxy S0/a	13.3	NGC 4028 PGC 37695 UGC 6961 MCG 3-31-5 CGCG 98-12 IRAS 11560+1627
NGC 4018		Glxy Sab	14.7	UGC 6966 MCG 4-28-108 CGCG 127-123 IRAS 11561+2535 KUG 1156+255 PGC 37699
NGC 4015	H323-3	Glxy Double System	14.2	UGC 6965 MCG 4-28-109 CGCG 127-122 VV 216 ARP 138
NGC 4017	H369-2	Glxy SABbc	13	UGC 6967 MCG 5-28-65 CGCG 157-69 VV 424 ARP 305 IRAS 11561+2743 KUG 1156+277 PGC 37705
NGC 4019		Glxy		
NGC 4022		Glxy SAB0^:	14	UGC 6975 MCG 4-28-111 CGCG 127-125 PGC 37729
NGC 4021	H324-3	Glxy E	15.5	MCG 4-28-112 CGCG 127-124 ARAK339 PGC 37730
NGC 4023		Glxy S?	14.6	UGC 6977 MCG 4-28-113 CGCG 127-127 PGC 37732
NGC 4028	H3-3	Non-Existent		
IC 755		Non-Existent		UGC 7001 MCG 2-31-14 CGCG 69-24 IRAS 11585+1423 PGC 37912
NGC 4040		Glxy E	14.3	UGC 7013 MCG 3-31-18 CGCG 98-28 PGC 37993
NGC 4042		Glxy		
NGC 4048		Glxy S?	14.6	UGC 7023 MCG 3-31-20 CGCG 98-30 VV 384 IRAS 12002+1817 KUG 1200+182 PGC 38040
NGC 4049	H390-3	Glxy I?	14.3	UGC 7027 MCG 3-31-21 CGCG 98-31 KUG 1200+190 PGC 38050
NGC 4053		Glxy S0/a	14.8	UGC 7029 MCG 3-31-24 CGCG 98-32 PGC 38069
NGC 4055		Glxy		
NGC 4059		Glxy		
NGC 4056		Glxy		PGC 38140
NGC 4060		Glxy S0	15.6	CGCG 128-6 PGC 38151
NGC 4061		Glxy E	14.1	PGC 38146 UGC 7044 MCG 4-29-6 CGCG 128-5 CGCG 98-40 VV 49
NGC 4065	H395-3	Glxy E	12.6	PGC 38156 UGC 7050 MCG 4-29-7 CGCG 98-42 CGCG 128-7 VV 179
NGC 4069	H392-3	Glxy		PGC 38166
NGC 4066		Glxy E	13.9	UGC 7051 MCG 4-29-8 CGCG 128-8 PGC 38161
NGC 4070		Glxy E	14.1	PGC 38169 UGC 7052 MCG 4-29-9 CGCG 128-9
NGC 4072		Glxy S0	15.8	CGCG 98-45 CGCG 128-10 PGC 38176
NGC 4074	H393-3	Glxy S0: pec	15.5	MCG 4-29-11 CGCG 128-13 ARAK347 PGC 38207
NGC 4076	H396-3	Glxy S?	14.4	UGC 7061 MCG 3-31-34 CGCG 98-46 CGCG 128-12 IRAS 12019+2029 PGC 38209
NGC 4080	H355-3	Glxy Im?	14.3	UGC 7068 MCG 5-29-6 CGCG 158-12 IRAS 12023+2715 KUG 1202+272 PGC 38244
IC 759		Non-Existent		
NGC 4084		Glxy S?	15.4	MCG 4-29-14 CGCG 128-17 PGC 38272
NGC 4057		Glxy		PGC 38278
IC 2997		Non-Existent		NGC 4090 UGC 7077 MCG 4-29-15 CGCG 128-19 IRAS 12028+2035 PGC 38288
NGC 4090		Glxy Sab	14.9	IC 2997 UGC 7077 MCG 4-29-15 CGCG 128-19 IRAS 12028+2035 PGC 38288
NGC 4086		Glxy S0	14.6	UGC 7076 MCG 4-29-16 CGCG 128-18 PGC 38290
NGC 4089		Glxy E?	14.6	MCG 4-29-17 CGCG 128-20 PGC 38298
NGC 4091		Glxy S	15.2	UGC 7083 MCG 4-29-19 CGCG 128-22 PGC 38308
NGC 4092		Glxy S?	14.2	UGC 7087 MCG 4-29-20 CGCG 128-23 IRAS 12032+2045 PGC 38338
NGC 4093		Glxy E?	15.3	MCG 4-29-21 CGCG 128-24 PGC 38323
IC 2998		Non-Existent		
NGC 4095	H382-3	Glxy E?	14.5	MCG 4-29-22 CGCG 128-25 PGC 38324
NGC 4098	H383-3	Glxy S?	14.5	NGC 4099-1 PGC 38365 UGC 7091 MCG 4-29-23 CGCG 128-26 VV 61
NGC 4099	H384-3	Non-Existent		

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Object	Her	Type	Mag	Alias/Notes
NGC 4101	H326-3	Glxy S0/a	14.5	UGC 7093 MCG 4-29-25 CGCG 128-27 PGC 38373
NGC 4110		Glxy SBb	14.5	UGC 7102 MCG 3-31-40 CGCG 98-58 PGC 38441
NGC 4122		Non-Existent		NGC 4113 PGC 38451 MCG 6-27-11 CGCG 187-9
NGC 4115		Non-Existent		
IC 3007		Glxy Sm:	15.1	CGCG 158-27 PGC 38486
IC 3003		Glxy S0	15.2	MCG 6-27-13 CGCG 187-11 PGC 38490
IC 3008		Glxy S?	14.9	MCG 2-31-31 CGCG 69-55 PGC 38512
IC 762		Glxy S?	15.2	MCG 4-29-34 CGCG 128-37 KUG 1205+260 PGC 38532
IC 763		Glxy S?	15.3	MCG 4-29-35 CGCG 128-38 PGC 38525
NGC 4126	H68-3	Glxy S0	14.4	UGC 7123 MCG 3-31-47 CGCG 98-65 PGC 38565
NGC 4131	H356-3	Glxy S	14.1	UGC 7126 MCG 5-29-19 CGCG 158-29 PGC 38573
NGC 4132	H357-3	Glxy S	14.9	MCG 5-29-20 CGCG 158-30 IRAS 12064+2931 KUG 1206+295A PGC 38593
NGC 4134	H371-2	Glxy Sb	13.6	UGC 7130 MCG 5-29-23 CGCG 158-31 IRAS 12066+2927 KUG 1206+294 PGC 38605
IC 3019		Glxy E	14.2	UGC 7136 MCG 2-31-38 CGCG 69-65 VCC9 PGC 38624
IC 3017		Glxy S?	15.9	CGCG 69-64 VCC10 KUG 1206+138 PGC 38627
IC 3018		Non-Existent		
IC 3020		Glxy		
IC 3023		Glxy Im:	15.2	UGC 7150 MCG 3-31-51 VCC17 PGC 38692
NGC 4146	H327-3	Glxy (R)SAB(s)ab:	13.6	UGC 7163 MCG 5-29-28 CGCG 158-36 PGC 38721
IC 765		Non-Existent		(STAR)
IC 3027		Non-Existent		
IC 3029		Glxy SB?	14.7	UGC 7171 MCG 2-31-41 CGCG 69-71 VCC27 8ZW173 PGC 38755
NGC 4155		Glxy E	14.3	UGC 7172 MCG 3-31-58 CGCG 98-82 PGC 38761
NGC 4153	H11-1	Non-Existent		(STAR)
IC 3030		Non-Existent		
IC 3031		Glxy		
IC 3032		Glxy E?	14.7	MCG 3-31-59 CGCG 98-83 VCC33 PGC 38800
IC 3033		Glxy Sdm?	14.9	UGC 7181 MCG 2-31-43 CGCG 69-74 VCC34 KUG 1208+138 PGC 38803
IC 3034		Glxy		
NGC 4166		Glxy SB0	14.1	UGC 7198 MCG 3-31-68 CGCG 98-96 PGC 38882
NGC 4170		Non-Existent		NGC 4171
NGC 4171		Glxy SBd:	13.6	NGC 4170 NGC 4173 UGC 7204 MCG 5-29-33 CGCG 158-43 KUG 1209+294A Hickson 61B PGC 38897
NGC 4174	H359-3	Glxy S?	14.3	UGC 7206 MCG 5-29-34 MK 761 CGCG 158-44 ARAK351 KUG 1209+294 Hickson 61D PGC 38906
NGC 4175	H360-3	Glxy S	14.2	UGC 7211 MCG 5-29-36 CGCG 158-45 IRAS 12099+2926 Hickson 61C PGC 38912
IC 3044		Glxy SB(s)cd pec:	14.2	UGC 7216 MCG 2-31-51 CGCG 69-89 VCC67 KUG 1210+142 PGC 38945
NGC 4192A		Glxy Scd	15	
IC 3049		Glxy Double System	15.1	UGC 7227 CGCG 98-105 VCC83 PGC 39009
IC 3050		Non-Existent		UGC 7235 MCG 2-31-54 CGCG 69-92 VCC89 IRAS 12112+1342 KUG 1211+137 PGC 39025
IC 3053		Glxy S R	15.4	CGCG 98-109 VCC95 PGC 39038
NGC 4192B		Non-Existent		
NGC 4186		Glxy SA(s)ab:	14.6	NGC 4192B PGC 39057 UGC 7240 MCG 3-31-81 CGCG 98-111 VCC101
IC 3054		Glxy		
NGC 4196	H374-2	Glxy S0?	13.8	UGC 7245 MCG 5-29-40 CGCG 158-50 PGC 39098

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Object	No	Her	Type	Mag	Alias/Notes
IC	3056		Non-Existent		
IC	3058		Glxy		
IC	3059		Glxy Im:	14.7	UGC 7254 MCG 2-31-62 DDO115 CGCG 69-100 VCC126 PGC 39142
IC	3061		Glxy SBc? sp	14.3	UGC 7255 MCG 2-31-63 CGCG 69-101 VCC131 KUG 1212+143 PGC 39152
IC	3062		Glxy S?	14.8	MCG 2-31-65 CGCG 69-103 VCC134 PGC 39156
IC	3065		Glxy S0?	14.5	MCG 3-31-82 CGCG 98-114 VCC140 PGC 39173
NGC	4204	H397-3	Glxy SB(s)dm	12.9	UGC 7261 MCG 4-29-51 CGCG 128-60 IRAS 12126+2056 KUG 1212+209 PGC 39179
IC	772		Glxy S	14.7	IC 772
IC	3067		Non-Existent		IC 3067
IC	3066		Glxy S	15.6	UGC 7262 MCG 2-31-68 CGCG 69-106 VCC143 KUG 1212+137 PGC 39181
NGC	4208	H107-2	Glxy		
NGC	4209	H375-2	Non-Existent		
NGC	4211		Glxy S0/a pec	14.4	UGC 7277 MCG 5-29-42 CGCG 158-53 VV 199 ARP 106 PGC 39221
IC	3073		Glxy Dwarf	15.2	UGC 7274 CGCG 69-109 VCC155 PGC 39215
NGC	4211B		Glxy S0-a	14.3	
NGC	4211A		Glxy S0/a pec	15.5	PGC 39195 UGC 7277 MCG 5-29-43 CGCG 158-53 VV 199 ARP 106
NGC	4213	H354-2	Glxy E	13.5	UGC 7276 MCG 4-29-54 CGCG 128-65 PGC 39223
IC	3075		Glxy S	15.1	MCG 4-29-56 CGCG 128-66 PGC 39240
IC	3077		Glxy Sd	14.7	UGC 7285 MCG 3-31-85 CGCG 98-118 VCC170 PGC 39256
IC	3080		Glxy SB	15.1	CGCG 69-115 VCC176 PGC 39269
IC	3082		Glxy		
IC	3084		Glxy S	15.8	MCG 4-29-57 CGCG 128-67 PGC 39301
IC	3091		Glxy S0	14.3	MCG 2-31-77 CGCG 69-121 VCC193 PGC 39318
IC	3089		Glxy L	15.6	MCG 4-29-58 CGCG 128-68 PGC 39302
IC	3093		Glxy S?	15.6	CGCG 98-126 VCC206 KUG 1214+145 PGC 39342
IC	3096		Glxy dS0?	15	MCG 3-31-90 CGCG 98-128 VCC209 KUG 1214+147 PGC 39358
IC	3095		Glxy S	15.6	MCG 4-29-59 CGCG 128-69 KAZ381 PGC 39357
IC	3094		Glxy S?	14.8	UGC 7305 MCG 2-31-78 CGCG 69-123 VCC213 PGC 39362
NGC	4239		Glxy E	13.7	UGC 7316 MCG 3-31-92 CGCG 98-129 PGC 39398
IC	3108		Glxy Sa	14.6	
IC	3112		Glxy S?	15.2	MCG 4-29-61 CGCG 128-71 PGC 39450
IC	3116		Glxy		
IC	3119		Glxy	15.4	
IC	3120		Glxy S0?	15.8	CGCG 69-137 VCC281 KUG 1215+140 PGC 39513
IC	3122		Glxy Sb	14.3	UGC 7341 MCG 4-29-62 CGCG 128-73 PGC 39519
IC	3125		Non-Existent		(STAR)
NGC	4253	H702-3	Glxy (R')SB(s)a:	14	UGC 7344 MCG 5-29-51 MK 766 CGCG 158-61 IRAS 12159+3005 KUG 1215+300 PGC 39525
IC	3126		Glxy		
IC	3135		Glxy		
IC	3141		Glxy	15.7	
IC	3140		Non-Existent		
IC	3143		Glxy Spiral	15.6	CGCG 158-62 KUG 1216+275 PGC 39617
IC	3142		Glxy IB?	15.1	UGC 7355 MCG 2-31-90 CGCG 70-6 VCC322 PGC 39619
IC	3144		Glxy		

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Object	Her	Type	Mag	Alias/Notes
IC 3145		Non-Existent		(STAR)
IC 3146		Glxy		
IC 777		Glxy SB?	14.4	UGC 7363 MCG 5-29-52 CGCG 158-64 IRAS 12168+2835 KUG 1216+285 PGC 39663
IC 3154		Glxy		
IC 779		Glxy S?	14.7	UGC 7369 MCG 5-29-53 CGCG 158-66 PGC 39690
NGC 4272	H299-3	Glxy E	14.1	UGC 7378 MCG 5-29-59 CGCG 158-72 PGC 39715
NGC 4275	H376-2	Glxy S?	14.1	UGC 7382 MCG 5-29-58 CGCG 158-73 ARAK358 IRAS 12173+2753 PGC 39728
IC 780		Glxy S0-:	13.9	UGC 7381 MCG 4-29-64 CGCG 128-77 PGC 39745
IC 781		Glxy dS0(4),N	14.5	MCG 3-32-2 CGCG 99-17 VCC389 PGC 39754
IC 3165		Glxy SBb:	14.1	UGC 7384 MCG 5-29-61 CGCG 158-76 PGC 39749
IC 3164		Non-Existent		(STAR)
IC 3168		Glxy SB	15.6	MCG 5-29-64 CGCG 158-79 KUG 1217+281 PGC 39793
NGC 4283	H323-2	Glxy E0	13	UGC 7390 MCG 5-29-63 CGCG 158-80 PGC 39800
IC 3169		Glxy		
IC 3172		Glxy		
IC 3171		Glxy E?	14.7	MCG 4-29-65 CGCG 128-78 PGC 39796
IC 3176		Glxy		
IC 3177		Non-Existent		
IC 3178		Non-Existent		(STAR)
IC 3179		Glxy E	15	
IC 3181		Non-Existent		UGC 7398 MCG 5-29-65 CGCG 158-83 KUG 1218+296 PGC 39846
NGC 4286	H300-3	Glxy SA(r)0/a:	14.1	IC 3181 PGC 39846 UGC 7398 MCG 5-29-65 CGCG 158-83 KUG 1218+296
IC 3184		Glxy	15.6	
IC 3185		Glxy		
IC 3186		Glxy Sb	15.6	MCG 4-29-66 CGCG 128-80 PGC 39875
IC 3189		Glxy Sc	14.8	
IC 3193		Glxy S	15.6	MCG 5-29-67 CGCG 158-84 PGC 39870
NGC 4295		Glxy S?	14.6	MCG 5-29-68 CGCG 158-85 PGC 39906
IC 3194		Glxy		
IC 3195		Glxy		
IC 3197		Non-Existent		(STAR)
IC 3198		Non-Existent		
IC 3200		Glxy		
IC 783		Glxy SAB(rs)0/a?	14.6	UGC 7415 MCG 3-32-8 CGCG 99-25 VCC490 PGC 39965
IC 3201		Glxy		
IC 3202		Glxy		
IC 3203		Glxy Sb	15.5	UGC 7419 MCG 4-29-67 CGCG 128-82 PGC 39984
IC 3204		Glxy		
IC 3205		Glxy	15.7	CGCG 158-86 PGC 39989
IC 3206		Glxy	15.7	CGCG 158-87 PGC 39988
IC 3207		Glxy		
NGC 4308		Glxy E:	14.4	UGC 7426 MCG 5-29-69 CGCG 158-88 PGC 40011
IC 3210		Glxy Sb	15.4	MCG 5-29-70 CGCG 158-89 PGC 39987
IC 3212		Glxy S?	15.7	MCG 5-29-71 CGCG 158-91 PGC 40036
IC 3213		Glxy	15.7	

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Object	Her	Type	Mag	Alias/Notes
IC 3215		Glxy Sdm	15	UGC 7434 MCG 4-29-68 CGCG 128-84 PGC 40040
IC 3214		Non-Existent		(STAR)
IC 3216		Glxy		
IC 3217		Glxy		
IC 3219		Glxy		
IC 3221		Glxy		
IC 783A		Glxy SB(r)0?	15.2	MCG 3-32-13 VCC545 PGC 40068
IC 3222		Glxy SBc	15.5	UGC 7437 MCG 5-29-73 IRAS 12198+2906 PGC 40065
NGC 4311		Non-Existent		NGC 4310 UGC 7440 MCG 5-29-74 CGCG 158-92 IRAS 12199+2929 PGC 40086
IC 3226		Non-Existent		(STAR)
IC 3227		Glxy		
NGC 4317	H324-2	Non-Existent		
IC 3230		Glxy S	17.4	KUG 1220+280 PGC 40113
IC 3228		Glxy		
IC 3231		Glxy		
NGC 4322		Non-Existent		
IC 3232		Non-Existent		(STAR)
IC 3234		Glxy		
IC 3235		Glxy		
IC 3237		Glxy		
NGC 4323		Glxy SB(r)0^:	14	NGC 4322 PGC 40171 MCG 3-32-16 CGCG 99-31 VCC608
IC 3241		Glxy		
IC 3238		Glxy S	15.1	MCG 3-32-17 CGCG 99-32 VCC617 PGC 40182
IC 3243		Glxy S	15.5	CGCG 158-95 PGC 40197
IC 3242		Glxy		
NGC 4327		Non-Existent		
IC 3244		Glxy S?	15	MCG 3-32-18 CGCG 99-33 VCC627 IRAS 12206+1439 KUG 1220+146 PGC 40196
IC 3247		Glxy Sd	15.3	UGC 7459 MCG 5-29-77 CGCG 158-96 PGC 40205
NGC 4338		Non-Existent		NGC 4310 PGC 40205 UGC 7459 MCG 5-29-77 CGCG 158-96
IC 3248		Non-Existent		(STAR)
IC 3249		Glxy		
IC 3250		Non-Existent		(STAR)
IC 3251		Non-Existent		
NGC 4328	H84-2	Glxy SA0-:	14	MCG 3-32-19 CGCG 99-34 VCC634 PGC 40209
IC 3252		Non-Existent		(STAR)
IC 3254		Non-Existent		UGC 7462 MCG 3-32-20 CGCG 99-35 PGC 40231
NGC 4344	H31-3	Glxy SB0?	13.3	UGC 7468 MCG 3-32-22 CGCG 99-37 VCC655 IRAS 12210+1748 PGC 40249
IC 3262		Glxy S?	15.2	CGCG 158-97 PGC 40271
IC 3263		Glxy S?	15	MCG 5-29-78 CGCG 158-98 PGC 40270
IC 3264		Glxy		
IC 3269		Glxy		
IC 3270		Glxy		
IC 3272		Glxy		
IC 3276		Glxy		

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Object	Her	Type	Mag	Alias/Notes
IC 3278		Glxy S	17.9	KUG 1221+276 PGC 40345
IC 3277		Glxy		
IC 3282		Non-Existent		(STAR)
IC 3283		Glxy		
IC 3285		Non-Existent		
IC 3286		Glxy		
IC 3287		Glxy		
IC 3288		Glxy		
IC 3294		Non-Existent		(STAR)
IC 3295		Non-Existent		
IC 3292		Glxy L	15.5	CGCG 99-39 VCC751 PGC 40425
IC 3293		Glxy	15.5	
IC 3296		Glxy E	15.7	CGCG 128-86 KARA529 PGC 40450
IC 3297		Glxy		
NGC 4375	H379-2	Glxy SB(r)ab pec:	13.7	UGC 7496 MCG 5-29-80 CGCG 158-100 IRAS 12224+2850 PGC 40449
IC 3298		Glxy SB?	15.4	MCG 3-32-24 CGCG 99-40 VCC768 KUG 1222+172 PGC 40458
IC 3300		Glxy Sc	15.4	UGC 7495 MCG 4-29-70 CGCG 128-87 IRAS 12225+2614 PGC 40459
IC 3299		Glxy		
IC 3306		Glxy		
IC 3301		Glxy		IC 3301
IC 3302		Glxy		
IC 3304		Glxy		
NGC 4377	H12-1	Glxy SA0-	12.8	UGC 7501 MCG 3-32-25 CGCG 99-41 3ZW65 VCC778 PGC 40477
IC 3308		Glxy Sdm:	15.4	UGC 7505 MCG 5-29-81 CGCG 158-101 PGC 40495
IC 3309		Glxy S?	14.6	UGC 7509 MCG 5-29-82 CGCG 158-102 KUG 1222+286 PGC 40501
IC 3307		Non-Existent		IC 3307
IC 787		Glxy S?	15.2	MCG 3-32-31 CGCG 99-43 VCC799 PGC 40517
NGC 4383		Glxy Sa? pec	12.7	UGC 7507 MCG 3-32-30 MK 769 CGCG 99-44 VCC801 IRAS 12228+1644 KUG 1222+167 PGC 40516
IC 3310		Non-Existent		(STAR)
IC 3312		Glxy		
IC 3314		Glxy E	16.1	
IC 3316		Glxy		
IC 3317		Glxy		
IC 3313		Glxy Sa	15	MCG 3-32-33 CGCG 99-46 VCC817 PGC 40551
IC 3321		Glxy		
IC 3324		Non-Existent		
IC 3325		Glxy		
IC 3323		Non-Existent		(STAR)
IC 3329		Knt in Glxy SABd	12.7	IC 3323 UGC 7521 MCG 5-29-83 CGCG 158-104 PGC 40600
NGC 4393	H361-3	Glxy SABd	12.7	IC 3323 IC 3329 UGC 7521 MCG 5-29-83 CGCG 158-104 PGC 40600
IC 3326		Glxy		
IC 3330		Glxy SAB(r)ab:	14.9	UGC 7527 MCG 5-29-84 CGCG 158-105 PGC 40612
NGC 4397		Non-Existent		
NGC 4396		Glxy SAd: sp	12.5	UGC 7526 MCG 3-32-34 CGCG 99-49 VCC865 IRAS 12234+1556 KUG 1223+159 PGC 40622

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Object	Her	Type	Mag	Alias/Notes
IC 3327		Glxy SB	15.4	CGCG 99-48 VCC864 PGC 40624
IC 3332		Glxy		
IC 788		Non-Existent		UGC 7529 MCG 3-32-36 CGCG 99-50 VCC874 IRAS 12235+1627 PGC 40643
NGC 4405	H88-2	Glxy SA(rs)0/a:	13	IC 788 PGC 40643 UGC 7529 MCG 3-32-36 CGCG 99-50 VCC874 IRAS 12235+1627
IC 3334		Glxy		
NGC 4408		Glxy S0	14.8	CGCG 158-107 PGC 40668
IC 3335		Glxy		
IC 3336		Glxy SA(r)0- pec:	15.4	CGCG 158-106 PGC 40669
IC 3341		Glxy S	16.7	KUG 1223+280 PGC 40682
IC 3337		Glxy		
IC 3338		Glxy		
IC 3342		Non-Existent		
IC 3345		Glxy		
IC 3344		Glxy E?	15.6	MCG 2-32-50 CGCG 70-77 VCC917 PGC 40706
IC 3340		Glxy SB	15.5	
IC 3348		Glxy		
IC 3351		Non-Existent		(STAR)
IC 3353		Glxy		
IC 3360		Non-Existent		(STAR)
IC 3359		Glxy		
IC 3362		Glxy		
IC 791		Glxy (R)SB(r)a	14	UGC 7555 MCG 4-29-71 CGCG 128-89 PGC 40783
IC 3364		Glxy		
IC 792		Glxy Sb	14.8	UGC 7558 MCG 3-32-40 CGCG 99-56 VCC973 PGC 40800
IC 3367		Glxy	15.7	CGCG 158-109 PGC 40812
NGC 4426		Non-Existent		
NGC 4427		Non-Existent		
IC 3365		Glxy Im	14.4	UGC 7563 MCG 3-32-41 CGCG 99-57 VCC980 KUG 1224+161 PGC 40811
IC 3369		Glxy E	15.1	MCG 3-32-43 CGCG 99-58 VCC990 PGC 40828
IC 3368		Glxy		
IC 3372		Glxy		
IC 3373		Glxy		
IC 3375		Non-Existent		(STAR)
IC 3376		Glxy (R)SBa	13.8	UGC 7578 MCG 5-29-87 CGCG 158-112 IRAS 12253+2716 PGC 40920
IC 3377		Glxy		
IC 3378		Non-Existent		IC 3379 IC 3378 CGCG 99-60 VCC1066 PGC 40955
IC 3379		Glxy S	16	IC 3379 IC 3378 CGCG 99-60 VCC1066 PGC 40955
IC 3380		Glxy		
NGC 4446		Glxy Scd:	14.6	UGC 7586 MCG 2-32-69 CGCG 70-103 VCC1072 PGC 40962
IC 3384		Glxy		
IC 3385		Glxy		
NGC 4447		Glxy SB0?	14.9	MCG 2-32-73 CGCG 70-107 VCC1085 PGC 40979
IC 3382		Glxy Sc	16	
IC 3387		Glxy	17.4	KUG 1225+282 PGC 40994
IC 3389		Glxy		

## Coma Berenices - Berenice's Hair

Observed: No

Object	No	Her	Type	Mag	Alias/Notes
IC	3391		Glxy Scd:	14.1	UGC 7595 MCG 3-32-47 CGCG 99-63 IRAS 12259+1841 PGC 41013
IC	3390		Glxy		
IC	795		Glxy	15.3	CGCG 128-91 CGCG 129-1 PGC 41026
IC	3394		Glxy L	15.4	MCG 5-30-3 PGC 41073
IC	3395		Glxy		
IC	3396		Glxy		
IC	3392		Glxy SAb:	13	UGC 7602 MCG 3-32-49 CGCG 99-65 VCC1126 IRAS 12262+1516 PGC 41061
NGC	4455	H355-2	Glxy SB(s)d? sp	12.9	UGC 7603 MCG 4-30-1 CGCG 129-2 IRAS 12262+2305 KAZ390 PGC 41066
IC	3397		Glxy		
IC	3399		Non-Existent		(STAR)
IC	3402		Glxy Sb-c	16	UGC 7616 CGCG 158-115 CGCG 159-6 PGC 41100
IC	3398		Non-Existent		(STAR)
IC	3401		Glxy		
IC	3403		Glxy	15.7	CGCG 129-3 PGC 41105
IC	3406		Glxy S	15.7	MCG 5-30-4 CGCG 159-4 PGC 41116
IC	3407		Glxy SB?	14.8	UGC 7615 MCG 5-30-5 CGCG 159-5 IRAS 12265+2803 KUG 1226+280 PGC 41112
IC	3410		Glxy C	15.6	CGCG 99-67 PGC 41122
IC	3411		Glxy		
IC	3409		Glxy S R	16.1	MCG 3-32-50 PGC 41147
IC	3415		Non-Existent		(STAR)
IC	796		Glxy S0/a	14.1	UGC 7623 MCG 3-32-51 CGCG 99-68 VCC1188 IRAS 12268+1641 PGC 41160
NGC	4468	H630-2	Glxy SA0-?	13.6	UGC 7628 MCG 2-32-90 CGCG 70-122 VCC1196 PGC 41171
IC	3421		Glxy Sb	15.5	MCG 5-30-7 PGC 41204
IC	3419		Glxy		
IC	3420		Non-Existent		(STAR)
IC	3422		Glxy		
IC	3424		Glxy		
NGC	4475	H362-3	Glxy SAbc	14.3	UGC 7632 MCG 5-30-8 CGCG 159-8 PGC 41225
IC	3423		Non-Existent		(STAR)
IC	3426		Non-Existent		(STAR)
IC	3428		Non-Existent		(STAR)
IC	3429		Glxy		
NGC	4479	H116-2	Glxy SB(s)0^:?	13.4	UGC 7646 MCG 2-32-100 CGCG 70-134 VCC1283 PGC 41302
IC	3433		Glxy		
IC	3434		Glxy	15.3	CGCG 99-70 PGC 41324
IC	3432		Glxy S?	15.5	MCG 2-32-102 CGCG 70-135 VCC1293 KUG 1227+144 PGC 41320
IC	3436		Glxy S0	15.7	MCG 3-32-52 CGCG 99-71 KARA531 PGC 41323
IC	3435		Glxy S	15.6	UGC 7650 MCG 3-32-53 CGCG 99-72 VCC1304 PGC 41338
NGC	4489	H91-2	Glxy E	12.8	UGC 7655 MCG 3-32-54 CGCG 99-73 VCC1321 PGC 41365
IC	3439		Glxy		
IC	3441		Glxy S	15.5	MCG 5-30-10 PGC 41412
IC	3444		Non-Existent		(STAR)
IC	3442		Glxy E0:	14.5	MCG 2-32-111 CGCG 70-144 VCC1355 PGC 41435
NGC	4495	H301-3	Glxy Sab	14.1	UGC 7663 MCG 5-30-12 CGCG 159-9 IRAS 12289+2924 PGC 41438
IC	3448		Glxy		



## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3449		Glxy		
IC 3451		Glxy S	15.5	
IC 3450		Glxy S0	15.5	
IC 3453		Glxy Irr	15.5	UGC 7666 MCG 3-32-57 MK 1328 CGCG 99-74 VCC1374 KUG 1229+151 PGC 41466
IC 3454		Glxy Sb	15.6	UGC 7670 MCG 5-30-13 CGCG 159-10 PGC 41468
NGC 4498	H69-3	Glxy SAB(s)d	12.8	UGC 7669 MCG 3-32-56 CGCG 99-75 VCC1379 IRAS 12291+1707 KUG 1229+171 PGC 41472
IC 3455		Glxy		
IC 3456		Non-Existent		
IC 3458		Glxy		
NGC 4529	H26-3	Glxy	15	PGC 41482
IC 3460		Glxy S	16.1	KUG 1229+276 PGC 41492
IC 797		Glxy SBcd?	13.6	UGC 7676 MCG 3-32-58 CGCG 99-77 VCC1393 IRAS 12293+1524 KUG 1229+153 PGC 41504
IC 3462		Glxy		
IC 3464		Non-Existent		(STAR)
NGC 4502	H92-2	Glxy Scd:	14.6	UGC 7677 MCG 3-32-60 CGCG 99-78 VCC1410 KUG 1229+169 PGC 41531
NGC 4506	H631-2	Glxy Sa pec?	13.6	UGC 7682 MCG 2-32-120 CGCG 70-152 VCC1419 PGC 41546
IC 3469		Glxy		
IC 3472		Glxy		
IC 3473		Glxy Sd:	15	UGC 7684 MCG 3-32-62 CGCG 99-81 PGC 41558
IC 3471		Glxy S?	15.5	MCG 3-32-63 CGCG 99-80 VCC1427 PGC 41567
IC 798		Glxy C	15.3	CGCG 99-83 VCC1440 PGC 41589
IC 3477		Non-Existent		(STAR)
IC 3479		Glxy		
IC 3480		Non-Existent		
NGC 4514	H302-3	Glxy Sbc	14	UGC 7693 MCG 5-30-15 CGCG 159-11 PGC 41610
IC 3478		Glxy SAB0:	14.2	UGC 7696 MCG 2-32-126 CGCG 70-158 VCC1453 PGC 41614
IC 3482		Glxy		
NGC 4515	H93-2	Glxy S0-:	13.3	UGC 7701 MCG 3-32-65 CGCG 99-86 VCC1475 PGC 41652
IC 3484		Glxy S	15.2	MCG 3-32-66 CGCG 99-88 VCC1476 PGC 41655
NGC 4516	H78-3	Glxy SB(rs)ab?	12.8	UGC 7703 MCG 3-32-67 CGCG 99-87 VCC1479 PGC 41661
IC 3488		Glxy S	15.4	MCG 5-30-19 CGCG 159-14 PGC 41671
IC 3491		Glxy S?	15.2	
IC 3494		Glxy E	16.6	
IC 3496		Non-Existent		
IC 3498		Glxy Sb	14.9	
IC 3495		Non-Existent		(STAR)
IC 3497		Non-Existent		
IC 3502		Glxy		
NGC 4523		Glxy SAB(s)m	14.4	UGC 7713 MCG 3-32-68 DDO135 CGCG 99-89 VCC1524 IRAS 12313+1526 PGC 41746
IC 3500		Glxy SB?	15.4	CGCG 70-171 VCC1526 PGC 41751
NGC 4525	H325-2	Glxy Scd:	12.9	UGC 7714 MCG 5-30-20 CGCG 159-16 KUG 1231+305 PGC 41755
IC 3501		Glxy d:E1	14.7	MCG 2-32-139 CGCG 70-170 VCC1528 PGC 41754
IC 800		Glxy SB(rs)c pec?	14.1	UGC 7716 MCG 3-32-69 CGCG 99-90 VCC1532 PGC 41763
IC 3507		Glxy		

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3508		Glxy S0?	14.8	MCG 5-30-21 CGCG 159-17 PGC 41774
IC 3505		Glxy SB	15.2	MCG 3-32-70 CGCG 99-91 VCC1542 IRAS 12316+1614 PGC 41792
IC 3511		Non-Existent		(STAR)
IC 3512		Non-Existent		(STAR)
IC 3513		Non-Existent		(STAR)
IC 3515		Glxy		
IC 3516		Glxy Sbc	15.5	UGC 7724 MCG 5-30-22 PGC 41808
IC 3514		Non-Existent		(STAR)
IC 3519		Glxy		
IC 3520		Glxy S?	15	CGCG 70-178 VCC1569 PGC 41830
NGC 4539		Glxy SB(s)a: sp	12.9	UGC 7735 MCG 3-32-71 CGCG 99-92 PGC 41839
IC 3523		Glxy Sb	16.5	
IC 3526		Non-Existent		(STAR)
IC 3524		Non-Existent		(STAR)
IC 3527		Non-Existent		(STAR)
IC 3522		Glxy IBm: sp	15.2	UGC 7737 MCG 3-32-72 DDO136 VCC1585 PGC 41865
IC 3529		Non-Existent		(STAR)
IC 3530		Glxy S0	14.6	MCG 3-32-73 CGCG 99-94 PGC 41853
NGC 4540	H94-2	Glxy SAB(rs)cd	12.4	UGC 7742 MCG 3-32-74 CGCG 99-93 VCC1588 IRAS 12323+1549 PGC 41876
IC 3528		Glxy SAB(r)b	15.2	MCG 3-32-74A CGCG 99-95 VCC1593 PGC 41882
IC 3531		Glxy C	15.2	
IC 3532		Non-Existent		
IC 3533		Glxy C	15.8	MK 774 CGCG 129-7 KARA537 PGC 41891
IC 3534		Glxy		
IC 3535		Non-Existent		(STAR)
IC 3538		Non-Existent		
IC 3536		Glxy Spiral	15.5	MCG 5-30-24 PGC 41912
IC 3539		Non-Existent		(STAR)
IC 3541		Non-Existent		(STAR)
NGC 4565A		Non-Existent		
NGC 4562		Glxy SB(s)dm: sp	14	NGC 4565A PGC 41955 UGC 7758 MCG 4-30-4 CGCG 129-8
IC 3545		Non-Existent		
NGC 4555	H343-2	Glxy E	13.1	IC 3545 PGC 41975 UGC 7762 MCG 5-30-26 CGCG 159-21
NGC 4565C		Non-Existent		
IC 3543		Glxy Sc	16.5	UGC 7764 PGC 41974
NGC 4565B		Non-Existent		
IC 3546		Glxy S	15.3	MCG 4-30-5 CGCG 129-9 CGCG 159-20 PGC 41976
NGC 4556	H380-2	Glxy E+:	14.1	UGC 7765 MCG 5-30-27 CGCG 159-22 PGC 41980
IC 3544		Non-Existent		
IC 3547		Non-Existent		(STAR)
IC 3549		Non-Existent		(STAR)
NGC 4557		Non-Existent		STAR ESO 475-15 MCG -5-4-25 PGC 42019
NGC 4559C		Non-Existent		
IC 3550		Knt in Glxy		
NGC 4558		Glxy	15.6	MCG 5-30-28 CGCG 159-23 PGC 41995

## Coma Berenices - Berenice's Hair

Observed: No

Object	No	Her	Type	Mag	Alias/Notes
IC	3551		Knt in Glxy		
IC	3552		Knt in Glxy		
IC	3553		Non-Existent		(STAR)
IC	3554		Non-Existent		(STAR)
IC	3555		Knt in Glxy GxyP		
IC	3559		Glxy S	15.6	
IC	3556		Glxy S?	15.4	MCG 5-30-29 CGCG 159-25 PGC 42005
IC	3560		Glxy		
IC	3561		Glxy S	15.8	MCG 5-30-32 CGCG 159-26 PGC 42013
IC	3563		Knt in Glxy		
IC	3557		Glxy S	14.6	MCG 3-32-77 PGC 42015
IC	3569		Non-Existent		UGC 7768 MCG 3-32-76 CGCG 99-98 VV 571 IRAS 12336+1935 PGC 42020
NGC	4561	H407-2	Glxy SB(rs)dm	12.9	IC 3569 PGC 42020 UGC 7768 MCG 3-32-76 CGCG 99-98 VV 571 IRAS 12336+1935
IC	3564		Non-Existent		(STAR)
IC	3565		Glxy		
NGC	4563		Glxy	15.7	MCG 5-30-33 CGCG 159-25 PGC 42030
IC	3570		Non-Existent		(STAR)
IC	3571		Glxy		
IC	3567		Glxy S	14.9	CGCG 70-187 VCC1660 PGC 42044
IC	3575		Glxy		
IC	3579		Non-Existent		
IC	3582		Glxy Sab?	15.5	UGC 7778 MCG 4-30-8 MK 649 CGCG 129-11 ARAK380 PGC 42060
IC	3580		Glxy		
IC	3581		Glxy S?	15.5	MCG 4-30-9 CGCG 129-12 ARAK381 PGC 42076
IC	3585		Glxy SA(s)0^:	14.4	UGC 7783 MCG 5-30-35 CGCG 159-28 PGC 42067
IC	3587		Glxy Scd:	16.4	UGC 7787 MCG 5-30-36 IRAS 12343+2749 PGC 42083
IC	3590		Glxy		
NGC	4559A		Non-Existent		
IC	3592		Glxy Sa?	15.1	UGC 7789 MCG 5-30-38 MK 775 CGCG 159-31 PGC 42097
NGC	4559B		Non-Existent		
IC	3593		Glxy Sa?	15.3	MCG 5-30-39 MK 776 CGCG 159-30 PGC 42098
IC	3594		Non-Existent		(STAR)
IC	3588		Non-Existent		UGC 7788 MCG 2-32-156 CGCG 70-194 VCC1696 IRAS 12344+1429 PGC 42100
IC	3595		Glxy		
IC	3596		Non-Existent		
IC	3598		Glxy SA(r)ab:	14.7	UGC 7791 MCG 5-30-40 CGCG 159-33 PGC 42137
IC	3597		Glxy		
IC	3599		Glxy Sb? pec	15.6	CGCG 159-34 PGC 42154
IC	3600		Glxy S0?	15.4	MCG 5-30-41 MK 650 CGCG 159-35 PGC 42161
IC	3601		Glxy		
IC	3603		Glxy		
NGC	4585		Glxy S?	15	MCG 5-30-42 CGCG 159-37 IRAS 12357+2912 PGC 42215
IC	3605		Glxy		
IC	3609		Glxy S	15.4	CGCG 99-101 VCC1765 PGC 42251

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3610		Glxy		
IC 3614		Glxy		
IC 3615		Glxy Sc	15.3	UGC 7815 MCG 3-32-79 CGCG 99-104 PGC 42306
IC 3611		Glxy S?	14.2	UGC 7817 MCG 2-32-164 CGCG 70-202 VCC1778 PGC 42307
IC 3612		Glxy S	15	IC 3616 UGC 7814 CGCG 99-102 VCC1779 PGC 42309
IC 3613		Glxy		
IC 3616		Non-Existent		IC 3616 UGC 7814 CGCG 99-102 VCC1779 PGC 42309
IC 3618		Glxy S?	15.1	CGCG 159-41 PGC 42315
IC 3619		Non-Existent		(STAR)
IC 3620		Glxy I?	15.5	CGCG 159-44 PGC 42330
IC 3623		Glxy E?	15.1	MCG 5-30-50 CGCG 159-46 PGC 42353
IC 3621		Glxy		
IC 3622		Glxy		
IC 3626		Glxy	15.7	CGCG 129-14 PGC 42355
IC 3627		Glxy		
IC 803		Glxy S	15.9	MCG 3-32-80 CGCG 99-105 VV 564 ARP 149 IRAS 12371+1651 PGC 42367
IC 3628		Non-Existent		(STAR)
IC 3629B		Glxy L	16.8	MCG 2-32-168 VCC1806 PGC 42381
IC 3629		Glxy S	15.3	CGCG 70-205 VCC1808 PGC 42387
IC 3630		Non-Existent		(STAR)
IC 3629A		Glxy S	16.4	MCG 2-32-167 PGC 42390
NGC 4595	H632-2	Glxy SAB(rs)b?	12.9	UGC 7826 MCG 3-32-81 CGCG 99-106 VCC1811 IRAS 12373+1534 PGC 42396
IC 3632		Glxy		
IC 3636		Non-Existent		(STAR)
IC 3637		Glxy dS0(6) pec:	14.8	CGCG 99-107 VCC1836 PGC 42443
IC 3640		Glxy		
IC 3642		Glxy		
IC 3641		Glxy S	16.7	
IC 3644		Glxy Sb	14.9	
IC 3645		Non-Existent		(STAR) MCG 5-30-52 PGC 42479
IC 3646		Glxy S?	15.6	MCG 5-30-53 CGCG 159-49 IRAS 12381+2647 PGC 42478
IC 3649		Glxy		
IC 3650		Non-Existent		(STAR)
IC 3651		Glxy S0	14.2	UGC 7835 MCG 5-30-54 CGCG 159-50 PGC 42500
IC 3654		Glxy		
IC 3655		Glxy		
IC 3656		Glxy		
IC 805		Non-Existent		
IC 3657		Non-Existent		(STAR)
IC 3658		Glxy E?	14.9	CGCG 99-110 VCC1876 PGC 42558
NGC 4611		Glxy S?	15.1	IC 805 PGC 42564 UGC 7849 MCG 2-32-179 CGCG 70-218 VCC1878
NGC 4613		Glxy Sa	15.6	MCG 4-30-11 MK 780 CGCG 129-16 PGC 42570
IC 3659		Glxy		
NGC 4614		Glxy SB0/a	14.3	UGC 7851 MCG 4-30-12 CGCG 129-15 PGC 42573
IC 3660		Non-Existent		(STAR)

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3661		Glxy		
IC 3662		Glxy S?	15.1	MCG 4-30-14 CGCG 129-17 PGC 42583
NGC 4615		Glxy Scd:	13.8	UGC 7852 MCG 4-30-13 CGCG 129-18 ARP 34 IRAS 12391+2620 PGC 42584
IC 3664		Non-Existent		(STAR)
IC 3671		Glxy SBR	15.5	MCG 4-30-15 CGCG 129-19 PGC 42599
IC 808		Non-Existent		(STAR)
IC 3673		Non-Existent		(STAR)
IC 3674		Non-Existent		(STAR)
IC 3676		Non-Existent		(STAR)
IC 3677		Glxy		
IC 3679		Non-Existent		(STAR)
IC 3678		Glxy S	15.9	
IC 3682		Non-Existent		(STAR)
IC 3683		Glxy S	16.3	
IC 3689		Glxy		
IC 3688		Non-Existent		UGC 7874 MCG 3-32-85 CGCG 99-111 CGCG 100-1 VCC1929 PGC 42699
NGC 4633		Glxy SAB(s)dm:	13.8	IC 3688 PGC 42699 UGC 7874 MCG 3-32-85 CGCG 99-111 CGCG 100-1 VCC1929
NGC 4635		Glxy SAB(s)d	13.2	UGC 7876 MCG 3-32-87 CGCG 100-3 CGCG 99-113 IRAS 12402+2012 KARA547 PGC 42704
NGC 4634	H603-3	Glxy SBcd: sp	13.2	UGC 7875 MCG 3-32-86 CGCG 99-112 CGCG 100-2 VCC1932 IRAS 12401+1434 PGC 42707
IC 3691		Glxy		
IC 3692		Glxy SBa:	14.7	UGC 7885 MCG 4-30-16 CGCG 129-20 KARA548 PGC 42743
IC 3695		Non-Existent		(STAR)
IC 3696		Glxy		
IC 3699		Non-Existent		
IC 3700		Non-Existent		
IC 3705		Glxy		
NGC 4651	H12-2	Glxy SA(rs)c	11.4	UGC 7901 MCG 3-33-1 CGCG 100-4 VV 56 ARP 189 IRAS 12412+1639 KARA549 PGC 42833
IC 3715		Glxy		
NGC 4659	H127-2	Glxy S0/a	13.1	UGC 7915 MCG 2-33-7 CGCG 71-24 VCC1999 PGC 42913
IC 3721		Glxy S?	15	IC 3721 UGC 7923 MCG 3-33-2 CGCG 100-5 IRAS 12423+1901 PGC 42956
IC 3725		Non-Existent		IC 3725 UGC 7923 MCG 3-33-2 CGCG 100-5 IRAS 12423+1901 PGC 42956
IC 3728		Glxy		
IC 3730		Glxy S?	15.1	MCG 4-30-18 CGCG 129-21 ARAK386 IRAS 12426+2126 PGC 42971
IC 813		Glxy Sbc	13.6	IC 3734 IC 813 UGC 7928 MCG 4-30-19 CGCG 129-22 PGC 42981
IC 3734		Glxy S?	14.4	IC 3734 IC 813 UGC 7928 MCG 4-30-19 CGCG 129-22 PGC 42981
NGC 4670	H328-3	Glxy SB(s)0/a pec:	13.1	UGC 7930 MCG 5-30-72 CGCG 159-69 ARP 163 IRAS 12428+2724 KUG 1242+273 PGC 42987
IC 3737		Non-Existent		(STAR)
IC 3736		Glxy S?	15.7	MCG 4-30-20 CGCG 129-23 PGC 42986
IC 3735		Glxy E?	14.8	MCG 2-33-10 CGCG 71-31 VCC2019 PGC 42991
IC 3738		Non-Existent		(STAR)
IC 3740		Glxy	15.6	CGCG 129-24 PGC 42995
IC 3742		Glxy SB	14.1	UGC 7932 MCG 2-33-11 CGCG 71-32 VCC2023 PGC 43001
NGC 4673	H329-3	Glxy E1-2	13.9	UGC 7933 MCG 5-30-73 MK 656 CGCG 159-70 PGC 43008

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3741		Non-Existent		(STAR)
IC 3744		Glxy		
IC 3745		Glxy S0	14.9	MCG 3-33-3 CGCG 100-6 PGC 43009
IC 3748		Non-Existent		(STAR)
IC 3749		Non-Existent		(STAR)
IC 3750		Non-Existent		(STAR)
IC 3752		Non-Existent		(STAR)
IC 3753		Non-Existent		(STAR)
IC 3755		Non-Existent		(STAR)
NGC 4676	H326-2	Non-Existent		The Mice NGC 4676A
IC 820		Non-Existent		UGC 7939 MCG 5-30-77 CGCG 159-72 VV 224 ARP 242 PGC 43065
NGC 4676B		Glxy SB(s)0/a pec	14	The Mice UGC 7939 MCG 5-30-77 CGCG 159-72 VV 224 ARP 242 PGC 43065
IC 819		Non-Existent		UGC 7938 MCG 5-30-76 CGCG 159-72 VV 224 ARP 242 PGC 43062
NGC 4676A		Glxy S0 pec?	13.8	The Mice UGC 7938 MCG 5-30-76 CGCG 159-72 VV 224 ARP 242 PGC 43062
IC 3759		Glxy		
IC 3761		Glxy		
IC 3762		Glxy		
IC 818		Glxy S?	15.5	MCG 5-30-78 CGCG 159-73 PGC 43113
IC 3763		Glxy		
IC 3766		Glxy		
NGC 4685	H398-3	Glxy S0-:	13.6	UGC 7954 MCG 3-33-4 CGCG 100-7 PGC 43143
IC 3776		Glxy		
IC 3781		Non-Existent		(STAR)
IC 821		Glxy SAB(s)bc	14.6	UGC 7957 MCG 5-30-83 CGCG 159-76 KUG 1245+300 PGC 43161
IC 822		Glxy S	15.8	MCG 5-30-85 PGC 43196
IC 3784		Glxy		
IC 3785		Glxy		
IC 823		Non-Existent		(STAR) UGC 7967 MCG 5-30-86 CGCG 159-78 PGC 43200
NGC 4692	H381-2	Glxy E+:	13.6	IC 823 UGC 7967 MCG 5-30-86 CGCG 159-78 PGC 43200
IC 3789		Glxy		
IC 3788		Glxy S	17.8	MCG 3-33-5 PGC 43220
IC 3793		Glxy		
IC 3794		Non-Existent		(STAR)
IC 3796		Non-Existent		(STAR)
IC 3806		Glxy Sa?	14.5	UGC 7974 MCG 3-33-6 CGCG 100-8 PGC 43303
NGC 4702		Glxy Irr	15.5	MCG 5-30-91 MK 657 KUG 1246+274 PGC 43317
IC 3811		Non-Existent		(STAR)
IC 3814		Glxy		
NGC 4712		Glxy SA(s)bc	13.3	UGC 7977 MCG 4-30-21 CGCG 129-25 IRAS 12471+2544 KUG 1247+257 PGC 43368
IC 3815		Glxy		
NGC 4710	H95-2	Glxy SA(r)0+? sp	11.9	UGC 7980 MCG 3-33-9 CGCG 100-11 IRAS 12471+1526 PGC 43375
IC 3817		Glxy		
IC 3818		Glxy		
NGC 4715		Glxy SA0+	14.1	UGC 7986 MCG 5-30-96 CGCG 159-85 PGC 43399
IC 3821		Non-Existent		(STAR)

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 4721		Glxy S0?	15.4	MCG 5-30-97 CGCG 159-86 PGC 43437
NGC 4728		Glxy E1	14.5	MCG 5-30-98 CGCG 159-87 PGC 43455
NGC 4728A		Non-Existent		
NGC 4728C		Glxy S	15	
NGC 4728B		Glxy Sbc	13.9	
IC 3830		Non-Existent		(STAR)
NGC 4735		Glxy S?	15.5	MCG 5-30-104 CGCG 159-91 IRAS 12485+2911 KUG 1248+291 PGC 43509
NGC 4738		Glxy Scd?	14.2	UGC 7999 MCG 5-30-103 CGCG 159-92 PGC 43517
IC 826		Glxy S?	14.9	MCG 5-30-106 CGCG 159-95 PGC 43538
NGC 4745B		Glxy S0	14.8	
NGC 4745A		Non-Existent		
NGC 4745		Glxy S0?	16.1	MCG 5-30-105A CGCG 159-94 PGC 43539
IC 3837		Glxy		
NGC 4747	H344-2	Glxy SBcd? sp pec	13	UGC 8005 MCG 4-30-23 CGCG 129-28 ARP 159 IRAS 12492+2602 KUG 1249+260 PGC 43586 (STAR)
IC 3839		Non-Existent		
IC 3840		Non-Existent		
IC 3841		Non-Existent		(STAR)
IC 827		Glxy S?	14.9	UGC 8008 MCG 3-33-14 CGCG 100-14 IRAS 12494+1633 PGC 43607
NGC 4752	H82-3	Glxy		
IC 3847		Glxy		
IC 3846		Non-Existent		
IC 3848		Glxy		
IC 831		Glxy E	15.4	MCG 5-30-113 CGCG 159-100 PGC 43708
NGC 4758	H70-3	Glxy Im:	13.6	UGC 8014 MCG 3-33-15 CGCG 100-15 IRAS 12502+1607 PGC 43707
IC 3851		Non-Existent		(STAR)
IC 3856		Glxy		
IC 3857		Glxy		
IC 3858		Non-Existent		(STAR)
IC 832		Glxy E?	14.9	MCG 5-30-119 CGCG 159-105 IRAS 12514+2640 PGC 43848
NGC 4787		Glxy S0/a	15.4	UGC 8026 MCG 5-30-121 CGCG 159-111 CGCG 160-6 PGC 43875
NGC 4789A		Glxy IB(s)m	13.9	UGC 8024 MCG 5-30-120 DDO154 CGCG 159-109 CGCG 160-4 PGC 43869
IC 3860		Non-Existent		
IC 3864		Glxy		
IC 3865		Glxy		
IC 3866		Glxy S	15.4	
NGC 4788		Glxy S?	15.3	MCG 5-30-123 CGCG 160-7 CGCG 159-112 PGC 43874
IC 3867		Glxy		
IC 3868		Glxy		
NGC 4789	H345-2	Glxy SA0:	13.1	UGC 8028 MCG 5-30-124 CGCG 159-113 CGCG 160-8 PGC 43895
IC 3869		Glxy		
IC 3870		Glxy		
IC 3871		Glxy		
IC 3872		Glxy		
IC 3873		Glxy		
IC 3874		Glxy		

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3875		Glxy		
NGC 4793	H93-1	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
IC 3876		Glxy		
IC 3877		Glxy		
IC 3880		Glxy		
IC 3881		Glxy SBcd:	13.7	UGC 8036 MCG 3-33-16 CGCG 100-17 PGC 43961
IC 3882		Glxy		
NGC 4797		Glxy		
NGC 4798	H382-2	Glxy S0-:	14.2	PGC 43981 UGC 8038 MCG 5-31-4 CGCG 159-118 CGCG 160-13
IC 3884		Glxy		
IC 3886		Glxy		
NGC 4805		Non-Existent		STAR UGC 866 MCG 0-4-87 CGCG 385-72 PGC 44030
NGC 4807		Glxy SAB0- pec:	14.5	UGC 8049 MCG 5-31-6 CGCG 160-17 PGC 44037
IC 3894		Non-Existent		(STAR)
NGC 4807A		Glxy E5	15.2	
IC 3899		Glxy		
IC 3901		Non-Existent		(STAR)
IC 3905		Glxy		
NGC 4817		Glxy		
IC 3907		Glxy		
NGC 4819	H346-2	Glxy (R')SAB(r)a:	14.1	UGC 8060 MCG 5-31-14 CGCG 160-25 PGC 44144
NGC 4821		Glxy E4:	15.5	MCG 5-31-15 CGCG 160-24 PGC 44148
IC 3915		Non-Existent		(STAR)
NGC 4828		Glxy S?	15.2	MCG 5-31-17 CGCG 160-29 PGC 44176
NGC 4827	H384-2	Glxy S0-	13.9	UGC 8065 MCG 5-31-16 CGCG 160-28 PGC 44178
IC 3917		Non-Existent		(STAR)
IC 3918		Glxy S	15.6	IC 3917 CGCG 130-2 KARA560 KUG 1254+226 PGC 44205
IC 3924		Glxy		
NGC 4839	H386-2	Glxy E+	13	UGC 8070 MCG 5-31-25 CGCG 160-39 PGC 44298
IC 3926		Non-Existent		
IC 837		Glxy S?	15.6	MCG 5-31-28 CGCG 160-41 PGC 44322
NGC 4841A		Non-Existent		NGC 4841-1 PGC 44323 UGC 8072 MCG 5-31-26 CGCG 160-44
NGC 4841	H387-2	Glxy E	13.1	
NGC 4840	H385-2	Glxy E1:	14.7	MCG 5-31-29 CGCG 160-42 PGC 44324
NGC 4841B		Non-Existent		NGC 4841-2 PGC 44329 UGC 8073 MCG 5-31-27 CGCG 160-44
NGC 4842		Non-Existent		NGC 4842A
NGC 4842A		Glxy E0	14.2	MCG 5-31-30 CGCG 160-46 PGC 44337
NGC 4842B		Glxy E3:	15.4	MCG 5-31-31 CGCG 160-46 PGC 44338
IC 3929		Glxy		
IC 3931		Glxy		
NGC 4848		Glxy SBab: sp	14.4	UGC 8082 MCG 5-31-39 CGCG 160-55 IRAS 12556+2830 KUG 1255+285 PGC 44405
IC 3932		Non-Existent		(STAR)
IC 3935		Non-Existent		UGC 8086 MCG 5-31-44 CGCG 160-56 PGC 44424
NGC 4849		Glxy S0^:	13.9	IC 3935 PGC 44424 UGC 8086 MCG 5-31-44 CGCG 160-56



## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 838		Glxy SB	16.1	MCG 5-31-43 PGC 44444
NGC 4849A		Non-Existent		
IC 3934		Glxy		
IC 3936		Non-Existent		(STAR)
IC 839		Glxy SBa	15.2	CGCG 160-61 PGC 44439
NGC 4850		Glxy SA0	15.2	MCG 5-31-40 CGCG 160-63 PGC 44449
NGC 4851		Glxy SBa	15.2	IC 839 CGCG 160-61 PGC 44439
IC 3937		Glxy		
IC 3938		Non-Existent		(STAR)
IC 3939		Non-Existent		
NGC 4853		Glxy (R')SA0-?	14.4	UGC 8092 MCG 5-31-48 CGCG 160-68 2ZW67 IRAS 12561+2752 KUG 1256+278B PGC 44481
IC 3943		Glxy	15.6	CGCG 160-69 PGC 44485
IC 3944		Glxy		
NGC 4854		Glxy SB0	14.9	MCG 5-31-49 CGCG 160-70 PGC 44502
IC 3946		Glxy SA0 sp	15.1	MCG 5-31-50 CGCG 160-210 PGC 44508
IC 3947		Glxy SA0	15.5	CGCG 160-211 PGC 44515
IC 3949		Glxy S	15.1	UGC 8096 MCG 5-31-52 CGCG 160-212 KUG 1256+281 PGC 44524
IC 3948		Glxy		
NGC 4859		Glxy S0/a	14.6	UGC 8097 MCG 5-31-53 CGCG 160-71 PGC 44534
NGC 4858		Glxy SBb	15.7	MCG 5-31-51 CGCG 160-213 IRAS 12566+2823 PGC 44535
NGC 4860		Glxy E2:	14.6	MCG 5-31-54 CGCG 160-215 PGC 44539
IC 3950		Glxy		
IC 3955		Glxy SA0	15.4	CGCG 160-216 PGC 44544
IC 3957		Glxy S0?	15.8	MCG 5-31-60 CGCG 160-217 PGC 44554
IC 3960		Glxy SB0	15.9	MCG 5-31-55 CGCG 160-219 PGC 44551
IC 3959		Glxy E3	15.3	MCG 5-31-59 CGCG 160-218 PGC 44553
IC 3960A		Glxy	17	MCG 5-31-56 PGC 44552
IC 3951		Glxy		
IC 3953		Glxy		
IC 3954		Glxy		
IC 3958		Glxy		
IC 3964		Non-Existent		(STAR)
NGC 4864		Glxy E2	14.6	MCG 5-31-58 CGCG 160-221 ARAK397 PGC 44566
IC 3963		Glxy SA0 sp	15.8	MCG 5-31-61 CGCG 160-220 PGC 44567
NGC 4867		Glxy E3	15.4	MCG 5-31-62 CGCG 160-222 PGC 44568
IC 3962		Non-Existent		(STAR)
NGC 4865		Glxy E6	14.6	UGC 8100 MCG 5-31-64 CGCG 160-224 PGC 44578
NGC 4869	H388-2	Glxy E3	14.8	MCG 5-31-65 CGCG 160-225 PGC 44587
IC 3965		Glxy		
IC 3968		Glxy S0	15.2	
IC 3976		Glxy E6	15.7	CGCG 160-226 PGC 44603
IC 3969		Non-Existent		(STAR)
IC 3971		Glxy		
NGC 4871		Glxy SA0	15.2	MCG 5-31-66 CGCG 160-227 PGC 44606
IC 3973		Glxy SB0	15.4	CGCG 160-228 PGC 44612

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 4873		Glxy SA0	15.1	MCG 5-31-69 CGCG 160-229 PGC 44621
NGC 4872		Glxy SB0	15.4	MCG 5-31-68 CGCG 160-230 PGC 44624
IC 3978		Glxy		
NGC 4875		Glxy SA0	15.7	CGCG 160-232 PGC 44640
IC 3990		Glxy S?	15.3	MCG 5-31-71 CGCG 160-77 PGC 44633
IC 3991		Glxy S	15.5	MCG 5-31-72 CGCG 160-78 PGC 44632
IC 3984		Non-Existent		(STAR)
IC 3985		Glxy		
NGC 4876		Glxy E5	15.4	MCG 5-31-73 CGCG 160-234 ARAK398 PGC 44658
IC 3998		Glxy SB0	15.6	CGCG 160-236 PGC 44664
IC 841		Glxy S	15.4	
IC 3994		Glxy		
NGC 4883		Glxy SB0	15.4	CGCG 160-237 PGC 44682
NGC 4881		Glxy E+	14.6	UGC 8106 MCG 5-31-75 CGCG 160-238 PGC 44686
IC 4005		Non-Existent		(STAR)
NGC 4892	H390-2	Glxy S	14.9	UGC 8108 MCG 5-31-78 CGCG 160-81 PGC 44697
NGC 4882		Glxy E0	13.8	NGC 4886 PGC 44698 MCG 5-31-76 CGCG 160-239
NGC 4886		Non-Existent		NGC 4882
IC 4007		Glxy		
IC 4008		Non-Existent		(STAR)
IC 4011		Glxy E	16.1	CGCG 160-242 PGC 44705
IC 4012		Glxy E	16	CGCG 160-244 PGC 44714
NGC 4884	H391-2	Glxy E+4	12.5	NGC 4889 PGC 44715 UGC 8110 MCG 5-31-77 CGCG 160-241
NGC 4895A		Glxy E	16	CGCG 160-245 PGC 44717
IC 4014		Glxy		
IC 4021		Glxy E	15.9	MCG 5-31-80 CGCG 160-246 ARAK399 PGC 44726
IC 4017		Glxy		
NGC 4894		Glxy SA0	15.1	CGCG 160-247 PGC 44732
NGC 4895		Glxy SA0 pec sp	14.2	UGC 8113 MCG 5-31-81 CGCG 160-249 PGC 44737
IC 4019		Non-Existent		
NGC 4898		Glxy E pec	14.5	MCG 5-31-82 CGCG 160-248 PGC 44736
IC 4026		Glxy SB0	15.6	CGCG 160-250 PGC 44749
IC 4023		Glxy		
IC 4032		Glxy C	15.5	MCG 5-31-83 CGCG 160-85 PGC 44756
IC 4030		Glxy S0	15.5	
IC 4033		Glxy S0	15	
IC 4025		Glxy		
NGC 4896		Glxy S0- pec:	14.9	UGC 8117 MCG 5-31-84 CGCG 160-87 PGC 44768
IC 4040		Glxy Sdm:	15.4	MCG 5-31-85 CGCG 160-252 IRAS 12582+2819 KUG 1258+283 PGC 44789
IC 842		Glxy S?	14.7	UGC 8118 MCG 5-31-87 CGCG 160-88 PGC 44795
IC 4039		Glxy		
NGC 4906		Glxy E3	15.1	CGCG 160-253 PGC 44799
IC 4041		Glxy E6	15.3	MCG 5-31-86 CGCG 160-254 PGC 44804
IC 4042		Glxy SB0	15.3	CGCG 160-255 PGC 44808
IC 4042A		Glxy S0	15	

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 4044		Glxy S0-a	15.4	
IC 4045		Glxy E4	15	MCG 5-31-88 CGCG 160-256 PGC 44818
NGC 4907		Glxy SB(r)b	14.4	MCG 5-31-89 CGCG 160-257 PGC 44819
NGC 4908		Glxy E5	14.7	MCG 5-31-92 CGCG 160-258 PGC 44828
NGC 4911A		Glxy S0	15.3	
IC 4051	H363-3	Glxy E0	14.2	UGC 8129 MCG 5-31-90 CGCG 160-259 PGC 44832
NGC 4911	H392-2	Glxy SAB(r)bc	13.6	UGC 8128 MCG 5-31-93 CGCG 160-260 IRAS 12584+2803 PGC 44840
IC 4047		Glxy S	16	MCG 3-33-21 CGCG 100-21 PGC 44816
IC 4053		Non-Existent		(STAR)
IC 4054		Non-Existent		(STAR)
IC 4055		Non-Existent		
IC 4057		Non-Existent		(STAR)
IC 4058		Glxy		
NGC 4919		Glxy (R')SA(r)0^:	15.1	UGC 8133 MCG 5-31-97 CGCG 160-94 PGC 44885
IC 4059		Glxy		
NGC 4922		Glxy I0 pec	13.9	UGC 8135 MCG 5-31-99 CGCG 160-96 VV 609 IRAS 12590+2934 PGC 44896
NGC 4921	H393-2	Glxy SB(rs)ab	13	UGC 8134 MCG 5-31-98 CGCG 160-95 PGC 44899
NGC 4923	H394-2	Glxy (R')SA(r)0-?	14.7	MCG 5-31-101 CGCG 160-97 PGC 44903
IC 843		Glxy S0	14.6	UGC 8137 MCG 5-31-100 CGCG 160-99 PGC 44908
IC 4066		Non-Existent		(STAR)
IC 4070		Glxy		
IC 4088		Glxy Sab	14.7	UGC 8140 MCG 5-31-102 CGCG 160-102 PGC 44921
IC 4074		Glxy		
IC 4075		Glxy		
IC 4076		Glxy		
NGC 4926		Glxy SA0-:	14	UGC 8142 MCG 5-31-103 CGCG 160-103 PGC 44938
IC 4079		Glxy		
IC 4081		Glxy		
NGC 4927	H364-3	Glxy SA0-:	14.7	MCG 5-31-104 CGCG 160-105 PGC 44945
IC 4080		Glxy		
IC 4087		Glxy		
NGC 4926B		Glxy SB0	15.3	
IC 4089		Glxy		
IC 4093		Non-Existent		
NGC 4926A		Glxy S0 pec?	15.2	MCG 5-31-107 CGCG 160-106 KUG 1259+279 PGC 44968
IC 4091		Glxy		
IC 4092		Non-Existent		(STAR)
IC 4095		Glxy		
IC 4096		Glxy		
IC 4099		Glxy		
IC 4106		Glxy S	15.5	MCG 5-31-109 CGCG 160-112 PGC 45025
IC 4107		Glxy		
NGC 4929		Glxy E1:	14.4	MCG 5-31-111 CGCG 160-113 PGC 45027
IC 4111		Glxy S	15.8	MCG 5-31-113 CGCG 160-116 PGC 45051
IC 4109		Glxy		

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 4110		Glxy		
IC 4113		Glxy		
IC 4116		Non-Existent		(STAR)
NGC 4934		Glxy S?	15.2	UGC 8160 MCG 5-31-115 CGCG 160-120 PGC 45082
IC 4119		Glxy		
NGC 4935		Glxy (R')SAB(s)b	13.8	UGC 8159 MCG 3-33-23 CGCG 100-23 PGC 45093
IC 4121		Non-Existent		(STAR)
IC 4122		Glxy	15.3	CGCG 100-24 PGC 45092
IC 4124		Non-Existent		(STAR)
IC 4125		Glxy		
IC 4126		Non-Existent		(STAR)
IC 4128		Glxy		
IC 4129		Glxy		
NGC 4943		Glxy SAB0	15.6	CGCG 160-122 PGC 45129
IC 4130		Glxy cD	17.5	MCG 3-33-24 PGC 45103
NGC 4944	H395-2	Glxy S0/a? sp	13.8	UGC 8167 MCG 5-31-118 CGCG 160-124 PGC 45133
IC 4133		Glxy E?	15.4	MCG 5-31-117 CGCG 160-123 PGC 45140
IC 4137		Glxy		
IC 4138		Glxy		
IC 4139		Glxy		
IC 4140		Glxy		
IC 4141		Glxy S R	17.5	MCG 3-33-27 PGC 45147
IC 4149		Glxy SB?	15.5	MCG 4-31-4 CGCG 130-5 8ZW228 KUG 1301+225 PGC 45159
IC 4146		Glxy		
IC 4147		Glxy		
IC 4148		Glxy		
IC 4150		Non-Existent		(STAR)
NGC 4949		Glxy SB(s)b pec sp		PGC 45161
IC 4153		Non-Existent		
IC 4154		Glxy		
IC 4159		Glxy		
IC 4160		Glxy		
NGC 4952	H396-2	Glxy E	13.4	NGC 4962 PGC 45233 UGC 8175 MCG 5-31-121 CGCG 160-129
IC 4162		Glxy		
IC 4163		Glxy		
NGC 4957	H397-2	Glxy E3	14	UGC 8178 MCG 5-31-124 CGCG 160-130 PGC 45253
IC 4164		Glxy S	15.2	
IC 846		Glxy	15.5	CGCG 130-7 PGC 45267
IC 4167		Glxy		
IC 4170		Glxy		
IC 4172		Glxy		
NGC 4961	H398-2	Non-Existent		NGC 4960 PGC 45311 UGC 8185 MCG 5-31-126 CGCG 160-134 IRAS 13033+2800 KUG 1303+280
IC 4175		Glxy		
NGC 4960		Glxy		NGC 4961 PGC 45312
NGC 4962	H303-3	Non-Existent		

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 4181		Glxy		
IC 4183		Glxy		
IC 4185		Glxy		
NGC 4966	H304-3	Glxy S	14	UGC 8194 MCG 5-31-131 CGCG 160-137 IRAS 13039+2919 PGC 45358
NGC 4971		Glxy S0?	14.4	MCG 5-31-134 CGCG 160-140 PGC 45406
IC 848		Glxy S	15.3	MCG 3-33-31 CGCG 101-2 PGC 45414
IC 4198		Non-Existent		UGC 8209 MCG 4-31-7 CGCG 130-9 PGC 45484
NGC 4979	H346-3	Glxy SB?	14.8	IC 4198 PGC 45484 UGC 8209 MCG 4-31-7 CGCG 130-9
NGC 4978		Glxy S0/a	14.1	UGC 8212 MCG 3-34-2 CGCG 101-4 PGC 45494
NGC 4983	H365-3	Glxy S?	14.9	MCG 5-31-138 CGCG 160-147 PGC 45542
IC 4202		Glxy Sbc	15.3	UGC 8220 MCG 4-31-8 CGCG 130-12 IRAS 13060+2458 PGC 45549
IC 851		Glxy S?	15	UGC 8219 MCG 4-31-9 CGCG 130-11 IRAS 13061+2118 PGC 45552
NGC 5000	H366-3	Glxy SB(rs)bc	13.9	UGC 8241 MCG 5-31-144 CGCG 160-152 VV 460 IRAS 13073+2910 PGC 45658
IC 854		Glxy SB?	14.9	MCG 4-31-11 CGCG 130-14 IRAS 13074+2450 KUG 1307+248 PGC 45664
IC 856		Glxy	15.1	CGCG 130-15 PGC 45733
NGC 5004B		Non-Existent		
IC 4210		Glxy	15.2	MCG 5-31-148 CGCG 160-155 PGC 45742
NGC 5004	H305-3	Glxy S0	13.9	UGC 8260 MCG 5-31-149 CGCG 160-157 PGC 45756
NGC 5004C		Glxy SBab	14.2	
NGC 5004A		Glxy SBab	14.6	UGC 8259 MCG 5-31-150 CGCG 160-156 IRAS 13086+2950 PGC 45757
NGC 5008		Glxy		
NGC 5016	H356-2	Glxy SAB(rs)c	13.5	UGC 8279 MCG 4-31-13 CGCG 130-19 IRAS 13096+2421 KARA575 KUG 1309+243 PGC 45836
NGC 5012A		Glxy P	13.8	
NGC 5032B		Glxy SB0-a	14.3	
NGC 5032	H367-3	Glxy SB(r)b	13.7	UGC 8300 MCG 5-31-160 CGCG 160-166 PGC 45947
NGC 5032A		Non-Existent		
IC 857		Glxy SB(s)b	14.6	UGC 8310 MCG 3-34-6 CGCG 101-10 IRAS 13113+1720 PGC 45983
NGC 5041		Glxy Scd:	14.1	UGC 8319 MCG 5-31-162 CGCG 160-168 IRAS 13122+3058 KUG 1312+309 PGC 46046
IC 860		Glxy S?	15.4	MCG 4-31-15 CGCG 130-23 PGC 46086
NGC 5052		Glxy S0/a	14.2	UGC 8330 MCG 5-31-165 CGCG 160-171 PGC 46131
IC 862		Glxy E	15.3	CGCG 101-18 KARA578 PGC 46181
IC 4215		Glxy Sab	15.1	UGC 8336 MCG 4-31-17 CGCG 130-24 IRAS 13138+2540 PGC 46186
NGC 5057	H307-3	Glxy S0	14	UGC 8342 MCG 5-31-169 CGCG 160-176 PGC 46202
IC 864		Glxy		
IC 866		Glxy SB	15.5	UGC 8354 MCG 4-31-19 CGCG 130-27 IRAS 13148+2057 PGC 46279
IC 867		Glxy SAB(s)c	14.6	UGC 8353 MCG 4-31-20 CGCG 130-26 PGC 46283
IC 868		Glxy S	15.4	MCG 4-31-21 CGCG 130-28 PGC 46281
NGC 5065	H308-3	Glxy Sd	14.2	UGC 8356 MCG 5-31-170 CGCG 160-181 IRAS 13151+3121 PGC 46293
IC 870		Glxy S	15.4	MCG 4-31-22 CGCG 130-29 PGC 46286
IC 869		Non-Existent		
NGC 5081		Glxy SBb	14.1	UGC 8366 MCG 5-31-174 CGCG 160-192 CGCG 161-10 KARA581 PGC 46427
NGC 5089	H327-2	Glxy S?	14	UGC 8371 MCG 5-31-175 CGCG 160-194 CGCG 161-12 IRAS 13173+3031 KUG 1317+305 PGC 46477
NGC 5092		Glxy E	14.3	UGC 8376 MCG 4-31-23 CGCG 130-30 CGCG 131-1 PGC 46493
IC 881		Glxy Sa	14.6	UGC 8375 MCG 3-34-16 CGCG 101-25 PGC 46498

## Coma Berenices - Berenice's Hair

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 882		Glxy S?	14.7	MCG 3-34-17 CGCG 101-27 PGC 46508
IC 4228		Glxy S	15.4	MCG 4-32-1 CGCG 131-2 PGC 46632
IC 4230		Glxy Sa?	15.4	UGC 8402 MCG 5-32-8 CGCG 161-32 PGC 46678
IC 885		Glxy E	14.8	MCG 4-32-8 CGCG 131-5 PGC 46722
NGC 5116	H368-3	Glxy SB(s)c:	13.4	UGC 8410 MCG 5-32-9 CGCG 161-36 IRAS 13205+2714 KUG 1320+272 PGC 46744
IC 4234		Glxy S?	14.9	MCG 5-32-11 CGCG 161-38 PGC 46761
IC 4241		Glxy S	15.5	MCG 5-32-16 CGCG 161-46 PGC 46894
IC 4244		Glxy	15.6	CGCG 161-47 PGC 46914
IC 4250		Glxy	15.3	CGCG 161-49 KUG 1323+267 PGC 47008
NGC 5151		Glxy S	14.8	MCG 3-34-32 CGCG 101-48 PGC 47056
NGC 5158		Glxy SBab?	13.7	UGC 8459 MCG 3-34-38 CGCG 101-54 IRAS 13253+1802 PGC 47180
NGC 5172		Glxy SAB(rs)bc:	12.6	UGC 8477 MCG 3-34-41 CGCG 101-57 IRAS 13268+1718 PGC 47330
NGC 5180	H71-3	Glxy S0?	14	UGC 8479 MCG 3-34-42 CGCG 101-58 PGC 47352
NGC 5190		Glxy SBb:	14	UGC 8500 MCG 3-34-43 CGCG 101-60 CGCG 102-1 IRAS 13282+1823 PGC 47482
IC 894		Glxy Sb	14.9	MCG 3-35-2 CGCG 102-6 KARA591 PGC 47597
IC 4287		Glxy	15.3	CGCG 131-10 PGC 47659
IC 897		Glxy S?	15.7	UGC 8544 MCG 3-35-8 CGCG 102-16 IRAS 13315+1758 PGC 47777
NGC 5217		Glxy E	13.6	UGC 8546 MCG 3-35-9 CGCG 102-19 PGC 47793
IC 4297		Glxy S?	15.2	UGC 8570 MCG 5-32-40 CGCG 161-82 PGC 47906

**Sub Total: 951**

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
CR 256		Open Cl III3r	1.8	
IC 834		Glxy S	15.3	MCG 5-31-11 CGCG 160-22 PGC 44138
IC 835		Glxy S?	15.1	MCG 5-31-21 CGCG 160-32 KUG 1254+267 PGC 44200
IC 858		Glxy S0?	13.7	UGC 8321 MCG 3-34-7 CGCG 101-11 VV 47 PGC 46069
IC 859		Glxy	15.4	MCG 3-34-8 CGCG 101-12 ARAK408 PGC 46074
IC 3476		Glxy IB(s)m:	13.2	UGC 7695 MCG 2-32-125 CGCG 70-157 VV 563 VCC1450 PGC 41608
IC 3900		Glxy SB0:	15	MCG 5-31-9 CGCG 160-19 PGC 44068
IC 3913		Glxy S?	15.3	MCG 5-31-12 CGCG 160-26 KUG 1254+275 PGC 44147
MAC 1255+2736A		Glxy	16.5	
MAC 1255+2756		Glxy	16	
MAC 1255+2815		Glxy	16	
MAC 1255+2824		Glxy	17	
MAC 1255+2900		Glxy	16	
MAC 1256+2725		Glxy	15.5	
MAC 1256+2726		Glxy	15	
MAC 1256+2730		Glxy	16	
MAC 1256+2732		Glxy	16.5	
MAC 1256+2738		Glxy	16	
MAC 1256+2741		Glxy	16	
MAC 1256+2743		Glxy	15.5	
MAC 1256+2749		Glxy	15	

## Coma Berenices - Berenice's Hair

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
MAC 1256+2750		Glxy	15.5	
MAC 1256+2802		Glxy	16	
MAC 1256+2818		Glxy	16	
MAC 1310+1817		Glxy	16.5	
MAC 1310+1818		Glxy	17	
MAC 1310+1825		Glxy	16.5	
MAC 1311+1825		Glxy	17.5	
MAC 1314+1700		Glxy	15	
NGC 4032	H404-2	Glxy Im:	12.8	UGC 6995 MCG 3-31-10 CGCG 98-19 IRAS 11579+2021 KUG 1157+203 PGC 37860
NGC 4037	H77-3	Glxy SB(rs)b:	12.7	UGC 7002 MCG 2-31-15 CGCG 69-27 IRAS 11588+1340 PGC 37928
NGC 4064		Glxy SB(s)a: pec	12.2	UGC 7054 MCG 3-31-33 CGCG 98-44 IRAS 12016+1843 PGC 38167
NGC 4104	H370-2	Glxy S0	13.1	UGC 7099 MCG 5-29-16 CGCG 158-24 IRAS 12040+2827 PGC 38407
NGC 4136	H321-2	Glxy SAB(r)c	11.7	UGC 7134 MCG 5-29-25 CGCG 158-34 IRAS 12067+3012 KUG 1206+302 PGC 38618
NGC 4147	H19-1	Globular	10.4	
NGC 4150	H73-1	Glxy SA(r)0^?	12.4	UGC 7165 MCG 5-29-29 CGCG 158-37 IRAS 12080+3040 PGC 38742
NGC 4152	H83-2	Glxy SAB(rs)c	12.7	UGC 7169 MCG 3-31-52 MK 759 CGCG 98-77 VCC25 IRAS 12080+1618 PGC 38749
NGC 4158	H405-2	Glxy SA(r)b:	12.9	UGC 7182 MCG 3-31-60 CGCG 98-84 IRAS 12086+2027 PGC 38802
NGC 4162	H353-2	Glxy (R)SA(rs)bc	12.9	UGC 7193 MCG 4-29-46 CGCG 128-51 IRAS 12093+2423 KUG 1209+244 PGC 38851
NGC 4169	H358-3	Glxy S0	13.2	Box UGC 7202 MCG 5-29-32 CGCG 158-41 Hickson 61A PGC 38892
NGC 4173	H372-2	Non-Existent		NGC 4171
NGC 4185	H373-2	Glxy Sbc	12.9	UGC 7225 MCG 5-29-38 CGCG 158-47 PGC 38995
NGC 4189	H106-2	Glxy SAB(rs)cd?	11.7	IC 3050 PGC 39025 UGC 7235 MCG 2-31-54 CGCG 69-92 VCC89 IRAS 12112+1342 KUG 1211+137
NGC 4192		Glxy SAB(s)ab	11	M 98 MCG -1-4-6 PGC 39028
NGC 4203	H175-1	Glxy SAB0-:	11.8	UGC 7256 MCG 6-27-40 CGCG 187-29 IRAS 12125+3328 PGC 39158
NGC 4212	H108-2	Glxy SAc:	11.8	PGC 39224 UGC 7275 MCG 2-31-70 CGCG 69-110 VCC157 IRAS 12130+1411
NGC 4222	H109-2	Glxy Sd: sp	13.9	IC 3087 UGC 7291 MCG 2-31-75 CGCG 69-119 VCC187 IRAS 12138+1334 PGC 39308
NGC 4237	H11-2	Glxy SAB(rs)bc	11.6	UGC 7315 MCG 3-31-91 CGCG 98-130 VCC226 IRAS 12146+1536 PGC 39393
NGC 4245	H74-1	Glxy SB(r)0/a:	12.3	UGC 7328 MCG 5-29-49 CGCG 158-59 IRAS 12151+2952 PGC 39437
NGC 4251	H89-1	Glxy SB0? sp	11.6	UGC 7338 MCG 5-29-50 CGCG 158-60 PGC 39492
NGC 4254		Glxy SA(s)c	10.4	M 99 Pin-wheel Nebula UGC 744 CGCG 501-123 4ZW39 PGC 39578
NGC 4262	H110-2	Glxy SB(s)0-?	11.5	UGC 7365 MCG 3-31-101 CGCG 99-14 VCC355 PGC 39676
NGC 4274	H75-1	Glxy (R)SB(r)ab	11.3	UGC 7377 MCG 5-29-60 CGCG 158-71 IRAS 12173+2953 PGC 39724
NGC 4278	H90-1	Glxy E1-2	11.1	UGC 7386 MCG 5-29-62 CGCG 158-77 IRAS 12175+2933 PGC 39764
NGC 4293	H5-5	Glxy (R)SB(s)0/a	11.3	UGC 7405 MCG 3-32-6 CGCG 99-23 VCC460 IRAS 12186+1839 PGC 39907
NGC 4298	H111-2	Glxy SA(rs)c	11.3	UGC 7412 MCG 3-32-7 CGCG 99-24 VCC483 IRAS 12190+1452 PGC 39950
NGC 4302	H112-2	Glxy Sc	11.6	UGC 7418 MCG 3-32-9 CGCG 99-27 VCC497 PGC 39974
NGC 4310	H378-2	Glxy SB0	12.4	
NGC 4312	H628-2	Glxy SA(rs)ab: sp	12.5	UGC 7442 MCG 3-32-14 CGCG 99-29 VCC559 IRAS 12199+1548 PGC 40095
NGC 4314	H76-1	Glxy SB(rs)a	11.4	UGC 7443 MCG 5-29-75 CGCG 158-93 IRAS 12200+3010 KUG 1220+301 PGC 40097
NGC 4321		Glxy SAB(s)bc	10.1	M 100 CGCG 501-128 CGCG 502-4 KUG 109+317 PGC 40153
NGC 4336	H406-2	Glxy SB0/a	13.5	IC 3254 PGC 40231 UGC 7462 MCG 3-32-20 CGCG 99-35
NGC 4340	H85-2	Glxy SB(r)0+	12.1	UGC 7467 MCG 3-32-21 CGCG 99-36 VCC654 PGC 40245
NGC 4350	H86-2	Glxy SA0 sp	11.9	UGC 7473 MCG 3-32-23 CGCG 99-38 ARAK362 VCC685 PGC 40295

## Coma Berenices - Berenice's Hair

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 4359	H648-3	Glxy SB(rs)c? sp	13.4	UGC 7483 MCG 5-29-79 CGCG 158-99 IRAS 12216+3147 KUG 1221+317 PGC 40330
NGC 4379	H87-2	Glxy S0- pec:	12.6	UGC 7502 MCG 3-32-26 CGCG 99-42 VCC784 PGC 40484
NGC 4382		Glxy SA(s)0+ pec	9.1	M 85 ESO 352-21 MCG -6-3-28 PGC 40515
NGC 4394	H55-2	Glxy (R)SB(r)b	10.8	UGC 7523 MCG 3-32-35 CGCG 99-47 VCC857 IRAS 12234+1829 PGC 40614
NGC 4414	H77-1	Glxy SA(rs)c?	11	UGC 7539 MCG 5-29-85 CGCG 158-108 ARAK365 KUG 1223+315 PGC 40692
NGC 4419	H113-2	Glxy SB(s)a sp	12.1	UGC 7551 MCG 3-32-38 CGCG 99-54 VCC958 IRAS 12244+1519 PGC 40772
NGC 4421	H89-2	Glxy SB(s)0/a	11.6	UGC 7554 MCG 3-32-39 CGCG 99-55 VCC966 PGC 40785
NGC 4448	H91-1	Glxy SB(r)ab	12	UGC 7591 MCG 5-29-89 CGCG 158-113 CGCG 159-2 IRAS 12257+2853 PGC 40988
NGC 4450	H56-2	Glxy SA(s)ab	10.9	UGC 7594 MCG 3-32-48 CGCG 99-62 VCC1110 IRAS 12259+1721 PGC 41024
NGC 4459	H161-1	Glxy SA(r)0+	11.3	UGC 7614 MCG 2-32-83 CGCG 70-116 VCC1154 IRAS 12264+1415 PGC 41104
NGC 4473	H114-2	Glxy E5	11.2	UGC 7631 MCG 2-32-93 CGCG 70-125 VCC1231 PGC 41228
NGC 4474	H117-2	Glxy S0 pec:	12.4	UGC 7634 MCG 2-32-94 CGCG 70-127 VCC1242 PGC 41241
NGC 4477	H115-2	Glxy SB(s)0:?	11.4	UGC 7638 MCG 2-32-97 CGCG 70-129 VCC1253 IRAS 12275+1354 PGC 41260
NGC 4494	H83-1	Glxy E1-2	9.8	UGC 7662 MCG 4-30-2 CGCG 129-5 PGC 41441
NGC 4501		Glxy SA(rs)b	10.4	M 88 CGCG 385-49 PGC 41517
NGC 4548	H120-2	Glxy SB(rs)b	11	M 91 MCG -1-4-18 PGC 41934
NGC 4559	H92-1	Glxy SAB(rs)cd	10.5	UGC 7766 MCG 5-30-30 CGCG 159-24 IRAS 12334+2814 PGC 42002
NGC 4565	H24-5	Glxy SA(s)b? sp	10.4	UGC 7772 MCG 4-30-6 CGCG 129-10 PGC 42038
NGC 4571	H602-3	Glxy SA(r)d	11.8	IC 3588 PGC 42100 UGC 7788 MCG 2-32-156 CGCG 70-194 VCC1696 IRAS 12344+1429
NGC 4689	H128-2	Glxy SA(rs)bc	11.6	UGC 7965 MCG 2-33-22 CGCG 71-43 VCC2058 IRAS 12452+1402 PGC 43186
NGC 4725	H611-3	Glxy SAB(r)ab pec	10.1	UGC 7989 MCG 4-30-22 CGCG 129-27 IRAS 12480+2547 PGC 43451
NGC 4816	H383-2	Glxy S0-:	13.8	UGC 8057 MCG 5-31-10 CGCG 160-21 PGC 44114
NGC 4824		Glxy SA0		ESO 113-38 PGC 44162
NGC 4826		Glxy (R)SA(rs)ab	9.4	M 64 Black-eye Galaxy CGCG 385-75 PGC 44182
NGC 4874	H389-2	Glxy E+0	12.6	UGC 8103 MCG 5-31-70 CGCG 160-231 PGC 44628
NGC 4889	H391-2	Non-Existent		NGC 4884
NGC 4931		Glxy S0 sp	14.5	UGC 8154 MCG 5-31-114 CGCG 160-118 PGC 45055
NGC 5012	H85-1	Glxy SAB(rs)c	12.9	UGC 8270 MCG 4-31-12 CGCG 130-16 IRAS 13091+2310 KUG 1309+231 PGC 45795
NGC 5024		Globular	7.7	M 53
NGC 5053	H7-6	Globular	9	
NGC 5056	H306-3	Glxy Scd:	13.7	UGC 8337 MCG 5-31-166 CGCG 160-173 IRAS 13138+3112 KUG 1313+312 PGC 46180
PGC 44105		Glxy	16.2	MK 53 CGCG 160-20 ANON 1253+27 KUG 1253+279
PGC 44109		Glxy C	16	KUG 1253+265
PGC 44137		Glxy	15.7	CGCG 160-23
PGC 44159		Glxy		
PGC 44391		Glxy SBb	17.3	MCG 5-31-36
PGC 45710		Glxy S?	15	UGC 8248 MCG 3-34-4 CGCG 101-6 IRAS 13080+1842

Sub Total: 101

Total: 1052