

## Coma Berenices - Berenice's Hair

<b>CR</b>	<b>256</b>		<b>Open Cluster III3r</b>
Sep 19 2014	12"	35mm A	B,VL,R=G, NICE LOOSE GROUP, HOME - 8/14/14
Jul 21 2007	1.9"	12x50	B,VL,PRETTY LOOSE,R=G
Nov 26 2006	1.9"	12x50	B,PL,LOOSE,R=F
<b>IC</b>	<b>834</b>		<b>Galaxy S</b>
May 18 2009	31"	17mmT4	PF,CS,OVAL,FNUC.MHISB,R=F
<b>IC</b>	<b>835</b>		<b>Galaxy S?</b>
May 18 2009	31"	17mmT4	CF,CL,R,UB,NND,R=F
<b>IC</b>	<b>858</b>		<b>Galaxy S0?</b>
May 12 2005	31"	19mmW	MB,ML,OVAL,FNUC,MHISB,R=G
<b>IC</b>	<b>859</b>		<b>Galaxy</b>
May 12 2005	31"	19mmW	MB,FS,R,FNUC,R=F
<b>IC</b>	<b>3476</b>		<b>Galaxy IB(s)m:</b>
Jun 09 2007	8"	11mmT6	PF,PS,R,NND,R=F
<b>IC</b>	<b>3900</b>		<b>Galaxy SB0:</b>
May 18 2009	31"	17mmT4	PB,CS,OVAL,UB,NND,R=F
<b>IC</b>	<b>3913</b>		<b>Galaxy S?</b>
May 18 2009	31"	17mmT4	DIFF,CF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>1255+2736A</b>		<b>Galaxy</b>
May 18 2009	31"	17mmT4	DIFF,VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>1255+2756</b>		<b>Galaxy</b>
May 18 2009	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F
<b>MAC</b>	<b>1255+2815</b>		<b>Galaxy</b>
May 18 2009	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F
<b>MAC</b>	<b>1255+2824</b>		<b>Galaxy</b>
May 18 2009	31"	17mmT4	EF,VS,R,NND,AV,R=P
<b>MAC</b>	<b>1255+2900</b>		<b>Galaxy</b>
May 18 2009	31"	17mmT4	VF,VS,R,NND,AV,R=F
<b>MAC</b>	<b>1256+2725</b>		<b>Galaxy</b>
May 18 2009	31"	17mmT4	PF,PS,OVAL,FNUC,R=F
<b>MAC</b>	<b>1256+2726</b>		<b>Galaxy</b>
May 18 2009	31"	17mmT4	VF,VS,R,NND,R=F

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<b>MAC 1256+2730</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	VF,VS,R,NND,AV,R=F		
<b>MAC 1256+2732</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	VF,VS,R,NND,AV,R=F		
May 18 2009 31"	17mmT4	VF,VS,OVAL,NND,AV,R=F		
<b>MAC 1256+2738</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	PF,VS,NND,UB,R=F		
<b>MAC 1256+2741</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	VF,VS,OVAL,NND,R=F		
<b>MAC 1256+2743</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	VF,VS,OVAL,NND,R=F		
<b>MAC 1256+2749</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	PB,CS,R,FNUC,R=F		
<b>MAC 1256+2750</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	PB,CS,R,FNUC,R=F		
<b>MAC 1256+2802</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	VF,VS,OVAL,NND,R=F		
<b>MAC 1256+2818</b>			<b>Galaxy</b>	
May 18 2009 31"	17mmT4	VF,VS,R,NND,AV,R=F		
<b>MAC 1310+1817</b>			<b>Galaxy</b>	
May 12 2005 31"	19mmW	VF,ML,R,NND,AV,R=F		
<b>MAC 1310+1818</b>			<b>Galaxy</b>	
May 12 2005 31"	19mmW	VF,ML,EL,EON,NND,R=F		
<b>MAC 1310+1825</b>			<b>Galaxy</b>	
May 12 2005 31"	19mmW	VF,VS,OVAL,NND,AV,R=F		
<b>MAC 1311+1825</b>			<b>Galaxy</b>	
May 12 2005 31"	12mmT4	VF,VS,OVAL,NND,AV,R=F		
<b>MAC 1314+1700</b>			<b>Galaxy</b>	
May 12 2005 31"	19mmW	MB,ML,OVAL,FNUC,R=G		
<b>NGC 4032</b>		<b>H404-2</b>	<b>Galaxy Im:</b>	<b>PF,PL,R,GBM,*12NF</b>
Jun 09 2007 8"	11mmT6	VF,PS,R,NND,AV,R=F		
<b>NGC 4037</b>		<b>H77-3</b>	<b>Galaxy SB(rs)b:</b>	<b>EF,PL,R,R</b>

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<b>NGC 4037</b> Mar 08 2010 12"	11mmT6	<b>H77-3</b> VF,PS,OVAL,NND,R=F	<b>Galaxy SB(rs)b:</b>	<b>EF,PL,R,R</b>
<b>NGC 4064</b> Mar 08 2010 12"	11mmT6	PF,CS,OVAL,MEXT,RNUC,R=F	<b>Galaxy SB(s)a: pec</b>	<b>B,E,GBM</b>
<b>NGC 4104</b> Mar 08 2010 12"	11mmT6	CF,CS,OVAL,MEXT,UB,NND,R=F	<b>Galaxy S0</b>	<b>PB,PS,LE,BM</b>
<b>NGC 4136</b> Apr 16 2009 16" Jun 09 2007 8"	17mmT4 11mmT6	PF,PS,R,UB,NND,R=G PF,PS,R,NND,AV,R=F	<b>Galaxy SAB(r)c</b>	<b>F,VL,VGMBM</b>
<b>NGC 4147</b> May 30 2016 12" Mar 29 2006 8" Apr 13 2005 8"	8mm Et 11mmT6 7.5mmW	PF,PS,R=F. UNRESOLVED STARS F,S,R,NND,R=F CLASS IX R,MSB,R=G	<b>Globular</b>	<b>GCL,VB,PL,R,GBM,RRR</b>
<b>NGC 4150</b> Mar 29 2006 8"	11mmT6	B,L,R,FNUC,R=F	<b>Galaxy SA(r)0<sup>^</sup>?</b>	<b>B,S,R,PGMBM</b>
<b>NGC 4152</b> Jun 09 2007 8"	11mmT6	PF,PS,OVAL,NND,AV,R=F	<b>Galaxy SAB(rs)c</b>	<b>PB,PL,R,PGMBM,R</b>
<b>NGC 4158</b> Mar 08 2010 12"	11mmT6	CF,CS,R,UB,NND,R=F	<b>Galaxy SA(r)b:</b>	<b>F,PS,LE,BM,PB*SF</b>
<b>NGC 4162</b> Mar 08 2010 12"	11mmT6	CF,PS,OB,NND,R=F	<b>Galaxy (R)SA(rs)bc</b>	<b>B,L,IE,BM</b>
<b>NGC 4169</b> Apr 16 2009 16"	17mmT4	PF,PS,OVAL,UB,NND,R=F	<b>Galaxy S0</b>	<b>F,S,1ST OF 4</b>
<b>NGC 4173</b> Mar 16 2012 18"	8.8 ES	PB,CS,EON,BNUC,R=G, A.L. FLAT GALLAXY	<b>Non-Existent</b>	
<b>NGC 4185</b> Apr 16 2009 16"	17mmT4	VF,PS,OVAL,NND,AV,R=F	<b>Galaxy Sbc</b>	<b>CF,L,R,GBM</b>
<b>NGC 4189</b> Apr 16 2009 16"	17mmT4	PF,PS,OVAL,UB,NND,R=F	<b>Galaxy SAB(rs)cd?</b>	<b>F,L,LE,VGLBM,R</b>
<b>NGC 4192</b> Mar 16 2012 18" Mar 01 2011 12" Mar 08 2010 12" Mar 20 2009 16"	17mmAT 17mmAT 11mmT6 26mm	2012 M.M. M.M. 2011 - MANUAL SETTING CIRCLES M.M. 2010 MANUAL SETTING CIRCLES MESSIER MARATHON - 2009	<b>Galaxy SAB(s)ab</b>	<b>B,VL,VME152,VSVMBM</b>

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<b>NGC 4192</b>	<b>M98</b>		<b>Galaxy SAB(s)ab</b>	<b>B,VL,VME152,VSVMBM</b>
May 06 2007 1.9"	12x50	VF,S,OVAL,NND,R=F		
Mar 26 2006 8"	19mmW	F,FL,OVAL,NND,UB,R=G		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC 4203</b>		<b>H175-1</b>	<b>Galaxy SAB0-:</b>	<b>VB,S,R,PSMBM</b>
Apr 06 2010 12"	11mmT6	PB,PS, R,FNUC,R=G		
May 17 2005 31"	11mmT6	MB,ML,R,FNUC,MHS,R=G		
<b>NGC 4212</b>		<b>H108-2</b>	<b>Galaxy SAc:</b>	<b>B,L,E107,G,SBM,R</b>
Apr 16 2009 16"	17mmT4	PF,PS,OVAL,UB,NND,LSB,R=F		
<b>NGC 4222</b>		<b>H109-2</b>	<b>Galaxy Sd: sp</b>	<b>VF,PS,R</b>
Mar 16 2012 18"	8.8 ES	PF,CS,EON,UB,NND,R=F, A.L. FLAT GALAXY		
<b>NGC 4237</b>		<b>H11-2</b>	<b>Galaxy SAB(rs)bc</b>	<b>PB,PL,LE,VGBM,R</b>
Apr 16 2009 16"	17mmT4	PF,PS,EL,OVAL,UB,NND,R=F		
<b>NGC 4245</b>		<b>H74-1</b>	<b>Galaxy SB(r)0/a:</b>	<b>CB,PL,VLE,SMBM,R</b>
May 17 2005 31"	11mmT6	MF,VS,R,NND,R=F		
<b>NGC 4251</b>		<b>H89-1</b>	<b>Galaxy SB0? sp</b>	<b>VB,S,E,VSVMBMN,*F90S</b>
May 17 2005 31"	11mmT6	MB,ML,EL,EON,FNUC,MSB,R=G		
<b>NGC 4254</b>	<b>M99</b>		<b>Galaxy SA(s)c</b>	<b>B,L,R,GBM,R,3BRSPIRA</b>
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
May 06 2007 1.9"	12x50	F,S,OVAL,NND,R=F		
Mar 26 2006 8"	19mmW	F,S,OVAL,NND,R=F		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC 4262</b>		<b>H110-2</b>	<b>Galaxy SB(s)0-?</b>	<b>B,S,R,R</b>
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC 4274</b>		<b>H75-1</b>	<b>Galaxy (R)SB(r)ab</b>	<b>VB,VL,E90,MBMN</b>
May 17 2005 31"	11mmT6	PF,PS,OVAL,NND,R=F		
<b>NGC 4278</b>		<b>H90-1</b>	<b>Galaxy E1-2</b>	<b>VB,PL,R,MBM,R,1STOF3</b>
Apr 16 2009 16"	17mmT4	PB,PS,R,FNUC,HSB,R=G		
May 17 2005 31"	11mmT6	PB,PL,R,BNUC,R=G		
<b>NGC 4293</b>		<b>H5-5</b>	<b>Galaxy (R)SB(s)0/a</b>	<b>F,VL,E,LBM,R</b>
Apr 26 2006 8"	11mmT6	PB,L,EON,UB,R=F		

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<b>NGC 4293</b>		<b>H5-5</b>	<b>Galaxy (R)SB(s)0/a</b>	<b>F,VL,E,LBM,R</b>
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC 4298</b>		<b>H111-2</b>	<b>Galaxy SA(rs)c</b>	<b>F,L,E,VGBM,P OF 2</b>
May 14 2017 12"	11mmT6	PF,PS,OVAL,UB,NND,R=G. PAIRED W/NGC4302		
Apr 16 2009 16"	17mmT4	PF,VS,OVAL,UB,NND,R=F		
<b>NGC 4302</b>		<b>H112-2</b>	<b>Galaxy Sc</b>	<b>L,VME177,F OF 2</b>
May 14 2017 12"	11mmT6	PF,PS,EON,UB,NND,R=F. PAIRED W/NGC4398		
Apr 16 2009 16"	17mmT4	PF,PS,EON,UB,NND,R=F		
<b>NGC 4310</b>		<b>H378-2</b>	<b>Galaxy SB0</b>	<b>F,CL,LE,N OF 2</b>
Apr 16 2009 16"	17mmT4	VF,VS,OVAL,NND,AV,R=F		
<b>NGC 4312</b>		<b>H628-2</b>	<b>Galaxy SA(rs)ab: sp</b>	<b>PB,CL,E,GBM</b>
Apr 16 2009 16"	17mmT4	PB,PS,EON,FNUC,USB,R=G		
<b>NGC 4314</b>		<b>H76-1</b>	<b>Galaxy SB(rs)a</b>	<b>CB,L,E150,SBM,*NP</b>
May 17 2005 31"	11mmT6	PB,PS,OVAL,FNUC,MSB,R=G		
<b>NGC 4321</b>	<b>M100</b>		<b>Galaxy SAB(s)bc</b>	<b>PF,VL,R,VG,PSBMRN</b>
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
Mar 10 2007 1.9"	12x50	F,S,OVAL,NND,R=F		
Mar 26 2006 8"	19mmW	F,L,OVAL,NND,R=F		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC 4336</b>		<b>H406-2</b>	<b>Galaxy SB0/a</b>	<b>VF,PL,IR,(BIN)</b>
Apr 16 2009 16"	17mmT4	VF,PS,R,UB,NND,R=F		
<b>NGC 4340</b>		<b>H85-2</b>	<b>Galaxy SB(r)0+</b>	<b>PB,S,R,PSBM</b>
May 17 2005 31"	11mmT6	MB,PS,OVAL,NND,R=F		
<b>NGC 4350</b>		<b>H86-2</b>	<b>Galaxy SA0 sp</b>	<b>CB,VS,ME,VSBM</b>
Mar 30 2014 18"	7mm TV	VF,PS,OVAL,UB,NND,AV,R=P		
May 17 2005 31"	11mmT6	MB,PS,EL,OVAL,FNUC,MSB,R=G		
<b>NGC 4359</b>		<b>H648-3</b>	<b>Galaxy SB(rs)c? sp</b>	<b>CF,PME90,VLBM</b>
Apr 16 2009 16"	17mmT4	VF,VS,EL,OVAL,NND,AV,R=F		
<b>NGC 4379</b>		<b>H87-2</b>	<b>Galaxy S0- pec:</b>	<b>PS,R,PSBMN</b>
Apr 16 2009 16"	17mmT4	VF,VS,R,NND,AV,R=F		
<b>NGC 4382</b>	<b>M85</b>		<b>Galaxy SA(s)0+ pec</b>	<b>VB,PL,R,BM,*NP</b>

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<b>NGC 4382</b>	<b>M85</b>	<b>Galaxy SA(s)0+ pec</b>	<b>VB,PL,R,BM,*NP</b>
Mar 16 2012 18"	17mmAT	2012 M.M.	
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Mar 08 2010 12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009	
Mar 10 2007 1.9"	12x50	VF,PS,OVAL,NND,AV,R=F	
Mar 26 2006 8"	19mmW	B,L,OVAL,BNUC,R=G	
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS	
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS	
<b>NGC 4394</b>		<b>H55-2 Galaxy (R)SB(r)b</b>	<b>PB,LE,BM</b>
Apr 26 2006 8"	11mmT6	PF,PS,R,NND,R=F	
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL	
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS	
<b>NGC 4414</b>		<b>H77-1 Galaxy SA(rs)c?</b>	<b>VB,L,E,G,VSBM*</b>
May 17 2005 31"	11mmT6	PB,PL,OVAL,FNUC,MSB,R=G	
<b>NGC 4419</b>		<b>H113-2 Galaxy SB(s)a sp</b>	<b>B,PME135,SBM</b>
May 17 2005 31"	11mmT6	MB,ML,EL,EON,FNUC,MSB,R=G	
<b>NGC 4421</b>		<b>H89-2 Galaxy SB(s)0/a</b>	<b>PB,PL,PGBM,B*NP</b>
May 17 2005 31"	11mmT6	PF,PS,OVAL,NND,AV,R=F	
<b>NGC 4448</b>		<b>H91-1 Galaxy SB(r)ab</b>	<b>B,L,E90,SBM</b>
May 17 2005 31"	19mmW	VF,PS,EL,NND,R=G	
<b>NGC 4450</b>		<b>H56-2 Galaxy SA(s)ab</b>	<b>B,L,R,GVMBM*,R,B*SP</b>
May 17 2005 31"	11mmT6	MF,MS,OVAL,NND,R=F	
<b>NGC 4459</b>		<b>H161-1 Galaxy SA(r)0+</b>	<b>PB,PL,IR,BM,R,*8SF2'</b>
Apr 26 2006 8"	11mmT6	PF,PS,OVAL,NND,R=F	
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL	
<b>NGC 4473</b>		<b>H114-2 Galaxy E5</b>	<b>PB</b>
May 14 2017 12"	11mmT6	PF,PS,OVAL,MEXT,FNUC,R=G	
Apr 26 2006 8"	11mmT6	PB,CS,OVAL,FNUC,R=G	
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL	
<b>NGC 4474</b>		<b>H117-2 Galaxy S0 pec:</b>	<b>PF,R,R</b>
Apr 26 2006 8"	11mmT6	VF,VS,OVAL,NND,R=F	
<b>NGC 4477</b>		<b>H115-2 Galaxy SB(s)0:?</b>	<b>PB,CL</b>
May 14 2017 12"	11mmT6	PF,PS,R,FNUC,R=G	
Apr 26 2006 8"	11mmT6	PB,CS,R,FNUC,R=G	
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL	

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<b>NGC 4494</b>		<b>H83-1</b>	<b>Galaxy E1-2</b>	<b>VB,PL,R,VSMBMN</b>
Apr 26 2006 8"	11mmT6	FB,FL,OVAL,FNUC,R=F		
Apr 16 2004 8"	25mmPL	CLEAR - MEGASTAR CONTROL		
<b>NGC 4501</b>	<b>M88</b>		<b>Galaxy SA(rs)b</b>	<b>B,VL,VME</b>
Apr 14 2016 12"	8mm Ds	EYE CANDY		
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
Mar 10 2007 1.9"	12x50	PF,S,OVAL,NND,R=F		
Mar 26 2006 8"	19mmW	B,L,OVAL,FNUC,R=F		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC 4548</b>	<b>M91</b>	<b>H120-2</b>	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
May 06 2007 1.9"	12x50	VF,S,OVAL,NND,R=F		
Apr 26 2006 8"	11mmT6	B,L,EON,NND,R=F		
Mar 26 2006 8"	19mmW	B,L,EON,NND,R=F		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC 4559</b>		<b>H92-1</b>	<b>Galaxy SAB(rs)cd</b>	<b>VB,VL,ME150,GBM,3*F</b>
Apr 13 2005 8"	7.5mmW	MB,ML,EL,FNUC,R=G		
<b>NGC 4565</b>		<b>H24-5</b>	<b>Galaxy SA(s)b? sp</b>	<b>B,EL,EE135,VSBMN=*10</b>
May 14 2010 31"	17mmT4	VB,VL,EON,BNUC,HSB,DARK DUST LANE BISECST. FILLS EYEPIECE,R=E!!		
May 18 2009 31"	31mmT5	PB,PL,EON,BNUC,HISB,R=E, NICE DUST LANE		
Mar 04 2006 31"	31mmT5	VB,VL,EON,BNUC,HISB,R=G		
Apr 13 2005 8"	7.5mmW	MB,ML,EL,EON,FNUC,R=G		
<b>NGC 4571</b>		<b>H602-3</b>	<b>Galaxy SA(r)d</b>	<b>VF,L,E,VGBM,*9NF NR</b>
Apr 16 2009 16"	17mmT4	PF,PS,R,UB,NND,R=F		
<b>NGC 4689</b>		<b>H128-2</b>	<b>Galaxy SA(rs)bc</b>	<b>PB,VL,E,VGLBM,R</b>
May 04 2005 8"	11mmT6	MF,ML,R,NND,R=F		
<b>NGC 4725</b>		<b>H611-3</b>	<b>Galaxy SAB(r)ab pec</b>	<b>VB,VL,E,VG,VSVMMEBN</b>
May 17 2005 31"	11mmT6	PB,PL,OVAL,FNUC,MSB,R=G		
<b>NGC 4816</b>		<b>H383-2</b>	<b>Galaxy S0-</b>	<b>VF,PL</b>
May 18 2009 31"	17mmT4	PB,PS,OVAL,BNUC,MHISB,R=G		

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<b>NGC 4824</b>			<b>Galaxy SA0</b>	<b>VF,VS</b>
May 18 2009 31"	17mmT4	PF,CS,R,UB,NND,R=F		
<b>NGC 4826</b>	<b>M64</b>		<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
May 14 2017 12"	11mmT6	R=E		
Sep 19 2014 12"	17mmAT	PF,L,OVAL,FNUC,R=F, HOME - 8/14/14		
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
Mar 10 2007 1.9"	12x50	B,PL,OVAL,NND,R=G		
Mar 26 2006 8"	19mmW	PB,PL,EL,OVAL,BNUC,R=G		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC 4874</b>		<b>H389-2</b>	<b>Galaxy E+0</b>	<b>F,4869\$72 P</b>
Apr 18 2012 18"	8.8 ES	PF,PS,R,UB,NND,R=F		
<b>NGC 4889</b>		<b>H391-2</b>	<b>Non-Existent</b>	<b>PB,PME,BM,*7N</b>
Apr 18 2012 18"	8.8 ES	PF,PS,R,MEXT,UB,NND,R=F		
Apr 13 2005 8"	7.5mmW	VF,VS,NND,AV,R=F		
<b>NGC 4931</b>			<b>Galaxy S0 sp</b>	<b>F,S</b>
Apr 13 2005 8"	11mmT6	VB,ML,OVAL,FNUC,MSB,R=G		
<b>NGC 5012</b>		<b>H85-1</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,CL,E17,BIN,*9F</b>
Apr 16 2009 16"	17mmT4	PF,PS,OVAL,UB,NND,R=F		
<b>NGC 5024</b>	<b>M53</b>		<b>Globular</b>	<b>GCL,B,VC,IR,VVMBM,</b>
May 30 2016 12"	8mm Et	FMSMR=G. RESOLVED OUTER STARS		
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
Mar 10 2007 1.9"	12x50	PB,PL,R=G,COMPRESSED		
Mar 26 2006 8"	19mmW	PB,L,HSB,R=G, DENSE		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC 5053</b>		<b>H7-6</b>	<b>Globular</b>	<b>CL,VF,PL,IR,VGBM,*15</b>
May 30 2016 12"	8mm Et	VF,S,R=F		
Mar 10 2007 1.9"	12x50	PB,PL,R=G,COMPRESSED		
May 12 2005 31"	19mmW	FAINT,OVAL,R=F		
<b>NGC 5056</b>		<b>H306-3</b>	<b>Galaxy Scd:</b>	<b>CF,CS,R,SP OF 2</b>
Apr 16 2009 16"	17mmT4	VF,PS,OVAL,UB,NND,AV,R=F		



## Coma Berenices - Berenice's Hair

<b>PGC 44105</b>			<b>Galaxy</b>
May 18 2009 31"	17mmT4	PB,PS,OVAL,BNUC,MHISB,R=G	
<b>PGC 44109</b>			<b>Galaxy C</b>
May 18 2009 31"	17mmT4	CF,CS,OVAL,NND,AV,R=F	
<b>PGC 44137</b>			<b>Galaxy</b>
May 18 2009 31"	17mmT4	PF,PS,R,NND,R=F	
<b>PGC 44159</b>			<b>Galaxy</b>
May 18 2009 31"	17mmT4	VF,VS,R,UB,NND,R=F	
<b>PGC 44391</b>			<b>Galaxy SBb</b>
May 30 2014 18"	8mm Ds	PF,PS,EONL,UB,NND,R=F,PA=35	
<b>PGC 45710</b>			<b>Galaxy S?</b>
May 12 2005 31"	19mmW	MB,MS,EL,EON,NND,R=F	