

## Observations Listing by Date

October 9, 2018 Hone

CR	399	Vul		Open Cluster III3m		
	12"	35mm A		THE COATHANGER. VERY NICE CLUSTER.		
NGC	281	Cas		Nebula E		F,VL,DIF,STRIP*NP
	12"	8mm Et		F,PL,R=F. BRIGHT NEBULA. NEEDS DARK SKIES. PAC-MAN		
NGC	581	Cas	M103	Open Cluster 9.0 II 2 m		CL,PL,B,R,RI,*10..11
	12"	35mm A		PRETTY NICE		
NGC	598	Tri	M33 H17-5	Galaxy SA(s)cd		EB,EL,R,VGBMN 6
	12"	35mm A		PB,VL,R=F, PRETTY DIFFUSE.		
NGC	650	Per	M76 H193-1	Planetary Neb 3+6		VB,P OF DNEB
	12"	8mm Et		F,S,R=E. LP2		
NGC	663	Cas	H31-6	Open Cluster 9.0 II 3 r		CL,B,L,ERI,ST PL
	12"	8mm Et		B,L,R=G		
NGC	869	Per	H33-6	Open Cluster 6.6 I 3 r		CL,VVL,VRI,*7...14
	12"	35mm A		BEST CLUSTER OF THE NIGHT, DOUBLE CLUSTER		
NGC	884	Per	H34-6	Open Cluster 6.4 I 3 r		CL,VL,VRI,RUBY*M
	12"	35mm A		BEST CLUSTER OF THE NIGHT. DOUBLE CLUSTER		
NGC	1528	Per	H61-7	Open Cluster 10.0 II 2 m		CL,B,VRI,CC
	12"	8mm Et		B,L,R=F		
NGC	6751	Aql		Planetary Neb 3		PB,S
	12"	11mmT6		F,S,R=F. NO CENTRAL STAR. LP2		
NGC	6781	Aql	H743-3	Planetary Neb 3+3		PLN,F,L,R,VSBM DISC
	12"	11mmT6		B,L,R=G. NO CENTRAL STAR. LP2		
NGC	6790	Aql		Planetary Neb 2		PLN,B,ES,STELL=9.5M
	12"	11mmT6		VF,VS,R=F. LP2		
NGC	7009	Aqr	H1-4	Planetary Neb 4+6		PLN,VB,S,ELLIPTIC
	12"	8mm Et		B,S,R=G. NO FILTER. CAN EASILY SEE APPENDEGES		
NGC	7089	Aqr	M2	Globular		GCL,B,VL,GPMBM,RRR
	12"	8mm Et		B,L,R=G		
NGC	7293	Aqr		Planetary Neb 4+3		PF,VL,E OR BIN
	12"	8mm Et		F,L,R=G. LP2		
NGC	7662	And	H18-4	Planetary Neb 4+3		PLN ORRING,VB,PS,R
	12"	8mm Et		PB,S,R=G		
NGC	7789	Cas	H30-6	Open Cluster 10.0 II 2 r		CL,VL,VRI,VMC,*11.18
	12"	8mm Et		B,L,R=E. BEAUTIFUL CLUSTER. CAROLINE'S ROSE		
NGC	7814	Peg	H240-2	Galaxy SA(s)ab: sp		CB,CL,E,VGBM
	12"	8mm Et		F,S,OVAL,MEXTY,R=F		

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July 8, 2018

Home

NGC	188	Cep		Open Cluster 10.0 I 2 r	CL,VL,R,150-200*
	12"	17mmT4	F,S,R=G		
NGC	225	Cas	H78-8	Open Cluster 9.3 III 1 p n	CL,L,LC,*9...10
	12"	17mmT4	B,S,R=G		
NGC	2977	Dra	H282-1	Galaxy Sb:	CB,PL,IF,
	12"	8mm Et	PF,PS,OVAL,UB,NND,R=F		
NGC	3057	Dra	H978-3	Galaxy SB(s)dm	EF,PL,VLBM,2S* S
	12"	8mm Et	VF,PS,OVAL,UB,NNDD,R=F		
NGC	3061	Dra	H903-2	Galaxy (R')SB(rs)c	VF,PL,RESOLVABLE
	12"	8mm Et	VF,PS,OVAL,UB,NND,AV,R=F		
NGC	4258	CVn	M106 H43-5	Galaxy Sb	VB,VL,VME0,SBMBN
	12"	8mm Et	B,S,OVAL,MEXT,BNUC,R=G		
NGC	6218	Oph	M12	Globular	GCL,VB,VL,IR,GMBM
	12"	17mmT4	B,S,R=E		
NGC	6254	Oph	M10	Globular	GCL,B,VL,R,GVMBM,RRR
	12"	17mmT4	B,S,R=E		
NGC	6273	Oph	M19	Globular	GCL,VB,L,R,VCM,RRR
	12"	17mmT4	B,S,R=E		
NGC	6333	Oph	M9	Globular	GCL,B,L,R,ECM,RRR,
	12"	17mmT4	B,L,MR=E		
NGC	6440	Sgr	H150-1	Globular	PB,PL,R,BM
	12"	17mmT4	CAN'T RESOLVE STARTS. SAME FOV AS NGC-6445		
NGC	6445	Sgr	H586-2	Planetary Neb 3b+3	PB,PS,R,GBM,R,*15NP
	12"	17mmT4	B,S,R=G.		
NGC	6494	Sgr	M23	Open Cluster 10.0 II 2 r	CL,B,VL,PRI,LC,*10..
	12"	8mm Et	B,=RG		
NGC	6531	Sgr	M21	Open Cluster 8.0 I 3 r	CL,PRI,LC,ST9...12
	12"	8mm Et	B,R=G		
NGC	6613	Sgr	M18	Open Cluster 8.7 II 3 p n	CL,P,VLC
	12"	17mmT4	B,S,R=G		
NGC	6618	Sgr	M17	Nebula EN+OC	B,EL,EIF,2HOOKED
	12"	17mmT4	B,L,R=E		
NGC	6694	Sct	M26	Open Cluster 11.0 II 3 m	CL,CL,PRI,PC,ST12.15
	12"	17mmT4	B,S,R=G		
NGC	6705	Sct	M11	Open Cluster 11.0 I 2 r	CL,VB,L,IR,RI,*9,
	12"	17mmT4	B,S,R=G. FULL OF STARS		
NGC	6838	Sge	M71	Globular	CL,VL,VRI,PMC,*11.16
	12"	17mmT4	B,S,R=G		

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NGC 6853 12"	<b>Vul</b> 17mmT4	<b>M27</b> B,L,R=E. NARROWBAND FILTER	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBDEL</b>
NGC 6960 12"	<b>Cyg</b> 35mm A	<b>H15-5</b> B,L,R=E!! NARROWBAND FILTER	<b>Nebula E</b>	<b>PB,CL,EIF,KAPPACYGIN</b>
NGC 6995 12"	<b>Cyg</b> 35mm A	<b>Non-Existent</b> B,L,R=E!!! NARROWBAND FILTER		<b>F,EL,NEB\$ST INGROUPS</b>
NGC 7000 12"	<b>Cyg</b> 35mm A	<b>H37-5</b> B,L,R=E!!! NARROWBAND FILTER	<b>Nebula E</b>	<b>F,EEL,DIF NEBULOSITY</b>
NGC 7009 12"	<b>Aqr</b> 8mm Et	<b>H1-4</b> B,MS,R=G. SATURN NEBULA	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>
NGC 7023 12"	<b>Cep</b> 17mmT4	<b>H74-4</b> B,L,R=E. IRIS NEBULA	<b>Nebula R</b>	<b>*7IN EF,EL,NEBY</b>
NGC 7078 12"	<b>Peg</b> 17mmT4	<b>M15</b> PB,L,R=E	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
NGC 7789 12"	<b>Cas</b> 17mmT4	<b>H30-6</b> CAROLINE'S ROSE. OUTSTANDING	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,VL,VRI,VMC,*11.18</b>

## July 7, 2018

## Home

NGC 6210 12"	<b>Her</b> 8mm Et		<b>Planetary Neb 2+3b</b>	<b>PLN,VB,VS,R,DISC</b>
NGC 6302 12"	<b>Sco</b> 8mm Et		<b>Planetary Neb 6</b>	<b>PB,E PF,(SWIFT,TRIP)</b>
NGC 6369 12"	<b>Oph</b> 8mm Et	<b>H11-4</b> PF,S,R=G. OIII FILTER	<b>Planetary Neb 4+2</b>	<b>RINGNEB,PB,S,R</b>
NGC 6405 12"	<b>Sco</b> 8mm Et	<b>M6</b> PB,L,R=E	<b>Open Cluster 5.5 II 3 r</b>	<b>CL,L,IR,LC,ST7,10...</b>
NGC 6514 12"	<b>Sgr</b> 8mm Et	<b>M20 H41-4</b> PB,R=E. USED OIII FILTER	<b>Nebula EN+OC</b>	<b>VB,VL,TRIFID,D*INV</b>
NGC 6572 12"	<b>Oph</b> 8mm Et		<b>Planetary Neb 2a</b>	<b>PLN,VB,VS,R,LHAZY</b>
NGC 6611 12"	<b>Ser</b> 8mm Et	<b>M16</b> B,L,R=E. OIII FILTER	<b>Open Cluster 11.0 II 3 m n</b>	<b>CL,ATLEAST100* L\$S</b>
NGC 6629 12"	<b>Sgr</b> 8mm Et	<b>H204-2</b> B,S,R=F. OIII FILTER	<b>Planetary Neb 2a</b>	<b>PLNORGCL,PB,EES,R</b>
NGC 7026 12"	<b>Cyg</b> 8mm Et		<b>Planetary Neb 3a</b>	<b>PB,BIN,PLN</b>

## Observations Listing by Date

April 20, 2018

Hidden Hollow - RAS

NGC	1976	Ori	M42	Nebula EN+RN	THETAORI \$GREAT NEB
	12"	11mmT6			
NGC	2903	Leo	H56-1	Galaxy SAB(rs)bc	CB,VL,E,GMBM,R,SPOF2
	12"	11mmT6			
NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
	12"	11mmT6			
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	12"	11mmT6			
NGC	3556	UMa	M108 H46-5	Galaxy SB(s)cd sp	CB,VL,VME79,PBM,R
	12"	11mmT6			
NGC	3587	UMa	M97	Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM
	12"	11mmT6			
NGC	3623	Leo	M65	Galaxy SAB(rs)a	B,VL,ME165,GBMBN
	12"	11mmT6			
NGC	3627	Leo	M66	Galaxy SAB(s)b	B,VL,ME150,MBM,2*NP
	12"	11mmT6			
NGC	3681	Leo	H159-2	Galaxy SAB(r)bc	B,PS,R,BM
	12"	11mmT6			
NGC	3684	Leo		Galaxy SA(rs)bc	PB,PL,E,VGBM
	12"	11mmT6			
NGC	3686	Leo	H160-2	Galaxy SB(s)bc	PB,L,VLE,VGBM,R
	12"	11mmT6			
NGC	3992	UMa	M109 H61-4	Galaxy SB(rs)bc	CB,VL,PME,SBMBRN
	12"	11mmT6			
NGC	4038	Crv	H28.1-4	Galaxy SB(s)m pec	PB,CL,R,VGBM
	12"	11mmT6			
NGC	4039	Crv	H28.2-4	Galaxy SA(s)m pec	PF,PL
	12"	11mmT6			
NGC	4147	Com	H19-1	Globular	GCL,VB,PL,R,GBM,RRR
	12"	11mmT6			
NGC	4382	Com	M85	Galaxy SA(s)0+ pec	VB,PL,R,BM,*NP
	12"	11mmT6			
NGC	4394	Com	H55-2	Galaxy (R)SB(r)b	PB,LE,BM
	12"	11mmT6			
NGC	4406	Vir	M86	Galaxy E3	VB,L,R,GBMN,R
	12"	11mmT6			
NGC	4435	Vir	H28-1	Galaxy SB(s)0^	VB,CL,R,NP OF 2
	12"	11mmT6			

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**April 20, 2018****Hidden Hollow - RAS**

<b>NGC</b>	<b>4438</b>	<b>Vir</b>		<b>H28-1</b>	<b>Galaxy SA(s)0/a pec:</b>	<b>B,CL,VLE,R,SF OF 2</b>
	12"	11mmT6				
<b>NGC</b>	<b>4552</b>	<b>Vir</b>	<b>M89</b>		<b>Galaxy E0-1</b>	<b>PB,PS,R,GMBM</b>
	12"	11mmT6				
<b>NGC</b>	<b>4621</b>	<b>Vir</b>	<b>M59</b>		<b>Galaxy E5</b>	<b>B,PL,LE,VSVMBM,2*P</b>
	12"	11mmT6				
<b>NGC</b>	<b>4638</b>	<b>Vir</b>		<b>H70-2</b>	<b>Galaxy S0- sp</b>	<b>F,R,GBM</b>
	12"	11mmT6				
<b>NGC</b>	<b>4649</b>	<b>Vir</b>	<b>M60</b>		<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
	12"	11mmT6				
<b>NGC</b>	<b>4667</b>	<b>Vir</b>			<b>Non-Existent</b>	<b>B,S,R,PSBM,( )</b>
	12"	11mmT6				
<b>NGC</b>	<b>5194</b>	<b>CVn</b>	<b>M51</b>		<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
	12"	11mmT6				
<b>NGC</b>	<b>5195</b>	<b>CVn</b>		<b>H186-1</b>	<b>Galaxy I0 pec</b>	<b>B,PS,LE,VGBM,INV-M51</b>
	12"	11mmT6				
<b>NGC</b>	<b>5272</b>	<b>CVn</b>	<b>M3</b>		<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>
	12"	11mmT6				
<b>NGC</b>	<b>6205</b>	<b>Her</b>	<b>M13</b>		<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
	12"	11mmT6				
<b>NGC</b>	<b>6341</b>	<b>Her</b>	<b>M92</b>		<b>Globular</b>	<b>GCL,VB,VL,ECM,ST S</b>
	12"	11mmT6				

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## January 25, 2018 Home

<b>NGC 205</b> 12"	<b>And</b> 11mmT6	<b>M110 H18-5</b> NICE OBJECT	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
<b>NGC 221</b> 12"	<b>And</b> 11mmT6	<b>M32</b> NICE OBJECT	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
<b>NGC 224</b> 12"	<b>And</b> 35mm A	<b>M31</b> NICE OBJECT	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
<b>NGC 869</b> 12"	<b>Per</b> 35mm A	<b>H33-6</b> NICE OBJECT	<b>Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
<b>NGC 884</b> 12"	<b>Per</b> 35mm A	<b>H34-6</b> NICE OBJECT	<b>Open Cluster 6.4 I 3 r</b>	<b>CL,VL,VRI,RUBY*M</b>
<b>NGC 1907</b> 12"	<b>Aur</b> 11mmT6	<b>H39-7</b> NICE OBJECT	<b>Open Cluster 11.0 I 1 m n</b>	<b>CL,PRI,PC,R,ST9...12</b>
<b>NGC 1912</b> 12"	<b>Aur</b> 11mmT6	<b>M38</b> NICE OBJECT	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
<b>NGC 1960</b> 12"	<b>Aur</b> 11mmT6	<b>M36</b> HEATERS WORKED. EVERYTHING WORKED	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
<b>NGC 1976</b> 12"	<b>Ori</b> 11mmT6	<b>M42</b> NICE OBJECT	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
<b>NGC 1982</b> 12"	<b>Ori</b> 11mmT6	<b>M43 H1-3</b> NICE OBJECT	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
<b>NGC 2099</b> 12"	<b>Aur</b> 11mmT6	<b>M37</b> 1ST LIGHT. 1ST OBJECT	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
<b>NGC 7654</b> 12"	<b>Cas</b> 11mmT6	<b>M52</b> NICE OBJECT	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>

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NGC	2099	Aur	M37	Open Cluster 11.0 I 2 r	CL,RI,PCM,ST L\$\$
	12"	11mmT6		1ST LIGHT - 1ST OBJECT. ALL EYEPIECES CAME INTO FOCUS	
NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
	12"	11mmT6		NOT BAD.	
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	12"	11mmT6		NOT BAD	
NGC	3147	Dra	H79-1	Galaxy SA(rs)bc	VB,L,R,VGVSVMBM
	12"	11mmT6		PF,PS,OVAl,MEXT,NND,R=F	
NGC	6709	Aql		Open Cluster 9.0 IV 2 m	CL,PRI,LC,IF
	12"	11mmT6		B,S,R=G	
NGC	6724	Aql		Open Cluster 12.0 cluster?	CL
	12"	11mmT6		F,PS,R=P, 12+ STARS	
NGC	6735	Aql		Open Cluster 12.0	CL,VL,P,ST12...
	12"	11mmT6		F,S,R=F	
NGC	6738	Aql		Open Cluster IV 2 p	CL,P,LC
	12"	11mmT6		F,S,R=F	
NGC	6749	Aql		Globular	CL,L,LC,ST L\$\$
	12"	11mmT6		PF,PS,R=F. COULD NOT RESOLVE ANY STARS.	
NGC	6760	Aql		Globular	2 19 08.6+0057
	12"	11mmT6		VF,VS,R=F	
NGC	6803	Aql		Planetary Neb 2a	PLN,STELLAR
	12"	11mmT6		VF,VS,R=F USED LP2.	
NGC	6804	Aql	H38-6	Planetary Neb 4+2	CB,S,IR,RRR
	12"	11mmT6		VF,VS,R=F. USED LP2	
NGC	6814	Aql	H744-3	Galaxy SAB(rs)bc	PF,PL,R,BM,R
	12"	11mmT6		PF,PS,R,NND,R=F	
NGC	6852	Aql		Planetary Neb 4	F NEB,AM ST
	12"	11mmT6		VF,VS,R=F. USED LP2	
NGC	6905	Del	H16-4	Planetary Neb 3+3	PLN,B,PS,R,4S*NR
	12"	11mmT6		F,PS,R=G.. USED LP2	

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<b>CR</b>	<b>399</b>	<b>Vul</b>		<b>Open Cluster III3m</b>	
	12"	17mmT4	VERY NICE.	R=G	
<b>IC</b>	<b>4846</b>	<b>Aql</b>		<b>Planetary Neb 2</b>	
	12"	11mmT6	VF,VS,	R=F. LP2 FILTER	
<b>IC</b>	<b>5070</b>	<b>Cyg</b>		<b>Non-Existent</b>	
	12"	27m PN	F,PL,	R=F.	
<b>NGC</b>	<b>6514</b>	<b>Sgr</b>	<b>M20 H41-4</b>	<b>Nebula EN+OC</b>	<b>VB,VL,TRIFID,D*INV</b>
	12"	27m PN	LOOKS MUCH BETTER WITH 27MM PANOPTIC.		
<b>NGC</b>	<b>6514</b>	<b>Sgr</b>	<b>M20 H41-4</b>	<b>Nebula EN+OC</b>	<b>VB,VL,TRIFID,D*INV</b>
	12"	17mmT4	LP2 FILTER HELPS A BIT.		
<b>NGC</b>	<b>6611</b>	<b>Ser</b>	<b>M16</b>	<b>Open Cluster 11.0 II 3 m n</b>	<b>CL,ATLEAST100* L\$\$</b>
	12"	17mmT4	LP2 FILTER HELPS A BIT		
<b>NGC</b>	<b>6618</b>	<b>Sgr</b>	<b>M17</b>	<b>Nebula EN+OC</b>	<b>B,EL,EIF,2HOOKED</b>
	12"	17mmT4	BETTER WITH 27 PANOPTIC		
<b>NGC</b>	<b>6618</b>	<b>Sgr</b>	<b>M17</b>	<b>Nebula EN+OC</b>	<b>B,EL,EIF,2HOOKED</b>
	12"	27m PN	BEAUTIFUL WITH LP2 FILTER		
<b>NGC</b>	<b>6705</b>	<b>Sct</b>	<b>M11</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,VB,L,IR,RI,*9,</b>
	12"	17mmT4	VERY NICE. FULL OF STARS. R=G		
<b>NGC</b>	<b>6779</b>	<b>Lyr</b>	<b>M56</b>	<b>Globular</b>	<b>GCL,B,L,IR,GVMCM,RRR</b>
	12"	11mmT6	F,S,R=G		
<b>NGC</b>	<b>6826</b>	<b>Cyg</b>	<b>H73-4</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,B,PL,R,*11M</b>
	12"	11mmT6	F,PS,R=G. SQM=20.01. 71 DEGREES OUT.		
<b>NGC</b>	<b>6838</b>	<b>Sge</b>	<b>M71</b>	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>
	12"	11mmT6	F,S,R=G. LOOKED BETTER THAN M56		
<b>NGC</b>	<b>6913</b>	<b>Cyg</b>	<b>M29</b>	<b>Open Cluster 9.0 II 3 m n</b>	<b>CL,P,LC,STL\$\$</b>
	12"	17mmT4	VERY NICE. R=G		
<b>NGC</b>	<b>6940</b>	<b>Vul</b>	<b>H8-7</b>	<b>Open Cluster 11.0 III 2 r</b>	<b>CL,VB,VL,VRI,CC,STPL</b>
	12"	17mmT4	VERY NICE. FULL AND SCATTERED.		
<b>NGC</b>	<b>6960</b>	<b>Cyg</b>	<b>H15-5</b>	<b>Nebula E</b>	<b>PB,CL,EIF,KAPPACYGIN</b>
	12"	27m PN	F,L,R=E. LP2. NICE CONTRAST		
<b>NGC</b>	<b>6995</b>	<b>Cyg</b>		<b>Non-Existent</b>	<b>F,EL,NEB\$ST INGROUPS</b>
	12"	27m PN	F,L,R=E!! LP2 FILTER. SHOWPIECE OBJECT.		
<b>NGC</b>	<b>7000</b>	<b>Cyg</b>	<b>H37-5</b>	<b>Nebula E</b>	<b>F,EEL,DIF NEBULOSITY</b>
	12"	35mm A	OUTSTANDING.		
<b>NGC</b>	<b>7092</b>	<b>Cyg</b>	<b>M39</b>	<b>Open Cluster 7.0 III 2 m</b>	<b>CL,VL,VP,VLC,*7...10</b>
	12"	17mmT4	LARGER THAN M29		



## Observations Listing by Date

July 2, 2017

Home

NGC 5904 12"	Ser 17mmT4	M5 CAN RESOLVE SOME STARS.	Globular	GCL,VB,L,ECM,*11..15
NGC 6121 12"	Sco 17mmT4	M4 WASHED OUT. MOON NINE DAYS OLD.	Globular	CL,8OR10B*LINE,RRR
NGC 6171 12"	Oph 17mmT4	M107 H40-6 OK	Globular	GCL,L,VRI,VMC,R,RRR
NGC 6205 12"	Her 17mmT4	M13 LOOKED PRETTY GOOD	Globular	GCL,EB,VRI,VGECM,*11
NGC 6218 12"	Oph 17mmT4	M12 NOT AS BRIGHT AS M 10.	Globular	GCL,VB,VL,IR,GMBM
NGC 6254 12"	Oph 17mmT4	M10 NOT TOO BAD.	Globular	GCL,B,VL,R,GVMBM,RRR
NGC 6273 12"	Oph 17mmT4	M19 SMUDGE. CANNOT RESOLVE ANY STARS	Globular	GCL,VB,L,R,VCM,RRR
NGC 6284 12"	Oph 17mmT4	H11-6 PF,PS,R=F. SMUDGE	Globular	GCL,B,L,R,CM,ST16...
NGC 6341 12"	Her 17mmT4	M92 GOOD	Globular	GCL,VB,VL,ECM,ST S
NGC 6633 12"	Oph 17mmT4	H72-8 LOOSE CLUMP	Open Cluster 8.0 III 2 m	CL,LC,ST L
NGC 6720 12"	Lyr 17mmT4	M57 SURPRISINGLY NOT TOO BAD	Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA

## Observations Listing by Date

<b>May 15, 2017</b>		<b>Home</b>			
<b>NGC</b>	<b>3294</b>	<b>LMi</b>	<b>H164-1</b>	<b>Galaxy SA(s)c</b>	<b>CB,L,ME135,GLBM</b>
	12"	7mm TV	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>3338</b>	<b>Leo</b>	<b>H77-2</b>	<b>Galaxy SA(s)c</b>	<b>F,CL,E,VGBM,*7P10S</b>
	12"	7mm TV	VF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>3344</b>	<b>LMi</b>	<b>H81-1</b>	<b>Galaxy (R)SAB(r)bc</b>	<b>CB,L,GBM,*INV,2ST F</b>
	12"	7mm TV	F,PS,OVAL,UB,NND,R=G. 3 STARS SUPERIMPOSED ON GALAXY.		
<b>NGC</b>	<b>3367</b>	<b>Leo</b>	<b>H78-2</b>	<b>Galaxy SB(rs)c</b>	<b>PB,CL,IR,VGLBM,R,1-3</b>
	12"	7mm TV	VF,PS,R,UB,NND,R=G		
<b>NGC</b>	<b>3371</b>	<b>Leo</b>		<b>Galaxy</b>	<b>EF,R,2ND OF 3</b>
	12"	7mm TV	PF,PS,OVAL,MEXST,FNUC,R=F		
<b>NGC</b>	<b>3373</b>	<b>Leo</b>		<b>Galaxy SA0:</b>	<b>F,R,3RD OF 3</b>
	12"	7mm TV	PF,VS,OVAL,MEXTMFNUC,R=G		
<b>NGC</b>	<b>3377A</b>	<b>Leo</b>		<b>Galaxy SAB(s)m</b>	
	12"	7mm TV	VF,VS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>3377</b>	<b>Leo</b>	<b>H99-2</b>	<b>Galaxy E5-6</b>	<b>VB,CL,LE,SVMBMBN</b>
	12"	7mm TV	PF,PS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>3395</b>	<b>LMi</b>	<b>H116-1</b>	<b>Galaxy SAB(rs)cd pec:</b>	<b>CB,PS,ILE,1ST OF 2</b>
	12"	7mm TV	VF,PS,OVAL,MEXT,UB,NND,R=G. PAIRED W/NGC3396		
<b>NGC</b>	<b>3396</b>	<b>LMi</b>	<b>H117-1</b>	<b>Galaxy IBm pec</b>	<b>PB,PS,ILE,2ND OF 2</b>
	12"	7mm TV	VF, PS,OVAL,MEXTG,UB,NND,R=F. PAIRED W/NGC3395		
<b>NGC</b>	<b>3413</b>	<b>LMi</b>	<b>H493-2</b>	<b>Galaxy S0 sp</b>	<b>F,S</b>
	12"	7mm TV	VF,VS,OVAL,MEXT,UB,NND,R=F		
<b>NGC</b>	<b>3414</b>	<b>LMi</b>	<b>H362-2</b>	<b>Galaxy S0 pec</b>	<b>B,PL,R,MBM</b>
	12"	7mm TV	PF,PS,OVAL,MEXT,FNUC,R=G		
<b>NGC</b>	<b>3418</b>	<b>LMi</b>	<b>H363-2</b>	<b>Galaxy SAB(s)0/a:</b>	<b>CF,S,R,BM</b>
	12"	7mm TV	VF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>3424</b>	<b>LMi</b>	<b>H494-2</b>	<b>Galaxy SB(s)b:?</b>	<b>PF,PL,LE,SP OF 3</b>
	12"	7mm TV	PF,PS,OVAL,VEXT,UB,NND,R=G		
<b>NGC</b>	<b>3430</b>	<b>LMi</b>	<b>H118-1</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,L,IE,GBM,2ND OF 3</b>
	12"	7mm TV	PF,PS,OVALMUB,NND,R=F		
<b>NGC</b>	<b>3432</b>	<b>LMi</b>	<b>H172-1</b>	<b>Galaxy SB(s)m sp</b>	<b>PB,PL,VME40,**NR SP</b>
	12"	7mm TV	PF,PS,EON,UB,NND,R=G		
<b>NGC</b>	<b>3486</b>	<b>LMi</b>	<b>H87-1</b>	<b>Galaxy SAB(r)c</b>	<b>CB,CL,R,GMBM</b>
	12"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F		

## Observations Listing by Date

<b>May 14, 2017</b>		<b>Home</b>			
<b>IC</b>	<b>4277</b>	<b>CVn</b>		<b>Galaxy</b>	
	12"	11mmT6	B,PS,R,BNUC,R=G		
<b>NGC</b>	<b>3031</b>	<b>UMa</b>	<b>M81</b>	<b>Galaxy SA(s)ab</b>	<b>EB,EL,E156,GSVMBMBN 2</b>
	12"	11mmT6	EXCELLENT		
<b>NGC</b>	<b>3034</b>	<b>UMa</b>	<b>M82 H79-4</b>	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
	12"	11mmT6	EXCELLENT		
<b>NGC</b>	<b>4270</b>	<b>Vir</b>	<b>H568-2</b>	<b>Galaxy S0</b>	<b>PB,S,R</b>
	12"	11mmT6	PF,PS,OVAL,MEXT,NND,R=F		
<b>NGC</b>	<b>4273</b>	<b>Vir</b>	<b>H569-2</b>	<b>Galaxy SB(s)c</b>	<b>PB,L,E,GBM</b>
	12"	11mmT6	PF,PS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>4281</b>	<b>Vir</b>	<b>H573-2</b>	<b>Galaxy S0+: sp</b>	<b>B,VL,R,PGBM</b>
	12"	11mmT6	PF,PS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>4298</b>	<b>Com</b>	<b>H111-2</b>	<b>Galaxy SA(rs)c</b>	<b>F,L,E,VGBM,P OF 2</b>
	12"	11mmT6	PF,PS,OVAL,UB,NND,R=G. PAIRED W/NGC4302		
<b>NGC</b>	<b>4302</b>	<b>Com</b>	<b>H112-2</b>	<b>Galaxy Sc</b>	<b>L,VME177,F OF 2</b>
	12"	11mmT6	PF,PS,EON,UB,NND,R=F. PAIRED W/NGC4398		
<b>NGC</b>	<b>4374</b>	<b>Vir</b>	<b>M84</b>	<b>Galaxy E1</b>	<b>VB,PL,R,PSBM,R</b>
	12"	11mmT6	F,VS,R,BNUC,R=E		
<b>NGC</b>	<b>4387</b>	<b>Vir</b>	<b>H167-2</b>	<b>Galaxy E</b>	<b>PF,VS,R,*13NP90,NP-2</b>
	12"	11mmT6	F,PS,OVAL,FNUC,R=E		
<b>NGC</b>	<b>4388</b>	<b>Vir</b>	<b>H168-2</b>	<b>Galaxy SA(s)b: sp</b>	<b>VF,E,SF OF2</b>
	12"	11mmT6	F,PS,EON,BNUC,R=E		
<b>NGC</b>	<b>4406</b>	<b>Vir</b>	<b>M86</b>	<b>Galaxy E3</b>	<b>VB,L,R,GBMN,R</b>
	12"	11mmT6	F,PS,R,BNUC,R=E		
<b>NGC</b>	<b>4435</b>	<b>Vir</b>	<b>H28-1</b>	<b>Galaxy SB(s)0^</b>	<b>VB,CL,R,NP OF 2</b>
	12"	11mmT6	F,PS,R,FNUC,R=E		
<b>NGC</b>	<b>4438</b>	<b>Vir</b>	<b>H28-1</b>	<b>Galaxy SA(s)0/a pec:</b>	<b>B,CL,VLE,R,SF OF 2</b>
	12"	11mmT6	F,PS,EON,FNUC,R=E		
<b>NGC</b>	<b>4473</b>	<b>Com</b>	<b>H114-2</b>	<b>Galaxy E5</b>	<b>PB</b>
	12"	11mmT6	PF,PS,OVAL,MEXT,FNUC,R=G		
<b>NGC</b>	<b>4477</b>	<b>Com</b>	<b>H115-2</b>	<b>Galaxy SB(s)0:?</b>	<b>PB,CL</b>
	12"	11mmT6	PF,PS,R,FNUC,R=G		
<b>NGC</b>	<b>4590</b>	<b>Hya</b>	<b>M68</b>	<b>Globular</b>	<b>GCL,L,ERI,VC,IR,ST12</b>
	12"	11mmT6	LOW ON HORIZON. JUST A SMUDGE		
<b>NGC</b>	<b>4594</b>	<b>Vir</b>	<b>M104 H43-1</b>	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>
	12"	11mmT6	VERY NICE.		
<b>NGC</b>	<b>4826</b>	<b>Com</b>	<b>M64</b>	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
	12"	11mmT6	R=E		

## Observations Listing by Date

## May 14, 2017

## Home

NGC	5055	CVn	M63	Galaxy SA(rs)bc	VB,L,PME120,VSMBMBN
	12"	11mmT6	R=E		
NGC	5194	CVn	M51	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
	12"	11mmT6	B,S,R,BNUC,R=E.	SOME STRUCTURE NOTED IN ARMS	
NGC	5272	CVn	M3	Globular	GCL,EB,VL,VSMBM,*11.
	12"	17mmT4		NICE OBJECT. FIRST GLOBULAR OF THE SEASON	
NGC	6205	Her	M13	Globular	GCL,EB,VRI,VGECM,*11
	12"	11mmT6	GREAT		
NGC	6341	Her	M92	Globular	GCL,VB,VL,ECM,ST S
	12"	11mmT6	RESOLVED STARS		

## October 5, 2016

## Home

IC	10	Cas		Galaxy IBm	
	12"	11mmT6	PF,S,OVAL,DIFF,NND,R=F		
NGC	40	Cep	H58-4	Planetary Neb 3b+3	F,VS,R,VSMBM,*12SP
	12"	11mmT6	B,VS,R=G.	OIII HELPS. NOT SURE ABOUT CENTRAL STAR	
NGC	214	And	H209-2	Galaxy SAB(r)c	PF,PS,GVLBM,R
	12"	8mm Et	PF,S,R,UB,NND,R=G.	MIRACH'S GHOST	
NGC	278	Cas	H159-1	Galaxy SAB(rs)b	CB,PL,R,2*10NR
	12"	11mmT6	F,S,FNUC,R=G		
NGC	404	And	H224-2	Galaxy SA(s)0-:	PB,CL,R,GBM,
	12"	8mm Et	PF,S,R,UB,NND,R=F		
NGC	6155	Her	H690-2	Galaxy S?	F,PS,IF,GBM
	12"	8mm Et	PF,VS,UB,NND,R=F		
NGC	6166	Her	H875-2	Galaxy E+2 pec	PF,S,VLE,VGMBM
	12"	8mm Et	PF,PS,OVAL,MEXT,NND,R=F		
NGC	7089	Aqr	M2	Globular	GCL,B,VL,GPMBM,RRR
	12"	11mmT6	B,L,R=G		
NGC	7469	Peg	H230-3	Galaxy (R')SAB(rs)a	VF,VS,VSMBM *12
	12"	8mm Et	PF,PS,OVAL,UB,NND,R=F		
NGC	7492	Aqr	H558-3	Globular	EF,L,BET2D*
	12"	11mmT6	F,PS,R=G		
NGC	7635	Cas	H52-4	Nebula E	VF,*8INV L EXCENTRIC
	12"	11mmT6	VF,S,R=F.	DETECTED SOME NEBULOSITY W/O OIII. LITTLE BETTER WITH OIII.	
NGC	7662	And	H18-4	Planetary Neb 4+3	PLN ORRING,VB,PS,R
	12"	11mmT6	B,S,OIII,R=G.	BLUE STREAK NEBULA	

## Observations Listing by Date

## September 24, 2016 Home

NGC	23	Peg	H147-3	Galaxy SB(s)a	3S*+NEB
	12"	8mm Et	F,S,R,UB,NND,R=F		
NGC	26	Peg		Galaxy SA(rs)ab	VF,PL,R,2F*N
	12"	8mm Et	VF,S,R,UB,NND,AV,R=F		
NGC	225	Cas	H78-8	Open Cluster 9.3 III 1 p n	CL,L,LC,*9...10
	12"	11mmT6	B,L,R=F. SAILBOAT CLUSTER		
NGC	281	Cas		Nebula E	F,VL,DIF,STRIP*NP
	12"	17mmT4	B,L,R=G. NEEDS OIII.		
NGC	457	Cas	H42-7	Open Cluster 8.6 II 3 r	CL,B,L,PRI,*7,8,10
	12"	11mmT6	B,L,R=G. OWL CLUSTER		
NGC	869	Per	H33-6	Open Cluster 6.6 I 3 r	CL,VVL,VRI,*7...14
	12"	17mmT4	GREAT OBJECT.		
NGC	884	Per	H34-6	Open Cluster 6.4 I 3 r	CL,VL,VRI,RUBY*M
	12"	17mmT4	GREAT OBJECT.		
NGC	2289	Gem	H898-3	Galaxy S0	EF,VS
	12"	17mmT4	B,L,R=E. CAROLINE'S ROSE.		
NGC	7042	Peg	H209-3	Galaxy Sb	VF,S,R
	12"	8mm Et	F,S,OVAL,MEXT,UB,NND,R=F		
NGC	7137	Peg	H261-2	Galaxy SAB(rs)c	F,PS,R,VGLBM,R
	12"	8mm Et	PF,S,OVAL,UB,NND,R=F		
NGC	7177	Peg	H247-2	Galaxy SAB(r)b	PB,PS,R,BMN,R,*SP
	12"	8mm Et	PF,PS,OVAL,UB,NND,R=G		
NGC	7217	Peg	H207-2	Galaxy (R)SA(r)ab	B,PL,GBM,ER
	12"	8mm Et	B,S,R,FNUC,R=G		
NGC	7332	Peg	H233-2	Galaxy S0 pec sp	CB,S,ME156,SMBMN,P-2
	12"	8mm Et	F,S,EON,BNUC,R=G		
NGC	7339	Peg	H234-2	Galaxy SAB(s)bc:?	F,PS,ME89,VGLBM,FOF2
	12"	8mm Et	PF,PS,EON,UB,NND,R=F		
NGC	7448	Peg	H251-2	Galaxy SA(rs)bc	PB,L,E173,VGBM,*F2'
	12"	8mm Et	F,S,OVAL,FNUC,R=G		
NGC	7457	Peg	H212-2	Galaxy SA(rs)0-?	CB,CL,LE,GMBM,R,2S*N
	12"	8mm Et	F,S,OVAL,MEXT,UB,NND,R=G		
NGC	7479	Peg	H55-1	Galaxy SB(s)c	PB,CL,ME12,BET2ST
	12"	8mm Et	F,S,R,UB,NND,R=F		
NGC	7814	Peg	H240-2	Galaxy SA(s)ab: sp	CB,CL,E,VGBM
	12"	8mm Et	B,S,EON,FNUC,R=G		
NGC	7817	Peg	H227-2	Galaxy SAbc: sp	PF,CL,ME45,LBM
	12"	8mm Et	VF,PS,OVAL,MEXT,NND,R=F		

## Observations Listing by Date

## September 2, 2016 Home

NGC 1	Peg		Galaxy SA(s)b:	F,S,R,BET*11\$*14 VF,
12"	8mm Et	PF,PS,OVAL,NND,R=F.	SQM-20.12.	53 DEGREES AT 2350 HOURS.
NGC 2	Peg		Galaxy Sab	VF,S,S OF1
12"	8mm Et	PF,PS,OVAL,NND,R=F,	PAIRED WITH NGC-1	
NGC 205	And	M110 H18-5	Galaxy E5 pec	VB,VL,ME165,VGVMBM
12"	35mm A	SUPER		
NGC 221	And	M32	Galaxy cE2	VVB,L,R,PSMBMN
12"	35mm A	SUPER		
NGC 224	And	M31	Galaxy SA(s)b	EEB,EL,VME,ANDROMEDA 17
12"	35mm A	BEAUTIFUL		
NGC 3147	Dra	H79-1	Galaxy SA(rs)bc	VB,L,R,VGVSVMBM
12"	8mm Et	PF,PS,R,FNUC,R=F,	2 STARS TO SOUTHEAST.	
NGC 4125	Dra		Galaxy E6 pec	PB,PL,CE,MBM
12"	8mm Et	PF,PS,OVAL,FNUC,R=G.		
NGC 5144	UMi	H70-4	Galaxy SAc? pec	(PLN),CB,S,R,G,SLBM
12"	8mm Et	VF,VS,OCAL,UB,NND,R=F		
NGC 5832	UMi	H332-2	Galaxy SB(rs)b?	PB,CL,IR,BP,R
12"	8mm Et	VF,PS,OVAL,AV1,R=P		
NGC 6048	UMi	H873-2	Galaxy E	F,R,BM
12"	8mm Et	PF,PS,OVAL,NND,R=F		
NGC 6068	UMi	H973-3	Galaxy SBbc?	VF,VS,LE0,R
12"	8mm Et	VF,VS,OVAL,NNDL,AV,R=F		
NGC 6217	UMi	H280-1	Galaxy (R)SB(rs)bc	B,CL,LE,SLBM
12"	8mm Et	PF,PS,OVAL,FNUC,R=F.	SQM-20.08	
NGC 6251	UMi	H974-3	Galaxy E	CF,S,BM,P OF 2
12"	8mm Et	VF,VS,R,NND,R=F		
NGC 6324	UMi	H945-3	Galaxy S?	VF,S,E,S*S
12"	8mm Et	VF,VS,OVAL,NND,R=F		
NGC 6827	Vul		Open Cluster 13.0 I 1 m	VF,E,DIF,SEV ST INV
12"	8mm Et	F,S,R=F		
NGC 6838	Sge	M71	Globular	CL,VL,VRI,PMC,*11.16
12"	8mm Et	NOT BAD. HAVEN'T LOOKED AT THIS ONE IN A WHILE.		
NGC 6853	Vul	M27	Planetary Neb 3+2	VB,VL,BIN,IE,DUMBDEL
12"	8mm Et	VERY NICE WITH/WITHOUT OIII.		
NGC 7078	Peg	M15	Globular	GCL,VB,VL,IR,VSMBM
12"	17mmT4	NICE. 1ST OBJECT FOR THE NIGHT		
NGC 7089	Aqr	M2	Globular	GCL,B,VL,GPMBM,RRR
12"	8mm Et	VERY NICE. SQM-19.67		

## Observations Listing by Date

**September 2, 2016 Home**

<b>NGC 7317</b> 12"	<b>Peg</b> 5.5mmN		<b>Galaxy E4</b>	<b>VF,VS</b>
		VF,CS,R,NND,AV,R=P		
<b>NGC 7318B</b> 12"	<b>Peg</b> 5.5mmN		<b>Galaxy SB(s)bc pec</b>	<b>EF,ES</b>
		VF,CS,OVAL,NND,AV,R=F		
<b>NGC 7318A</b> 12"	<b>Peg</b> 5.5mmN		<b>Galaxy E2 pec</b>	<b>EF,ES</b>
		EF,CS,R,NND,R=F		
<b>NGC 7319</b> 12"	<b>Peg</b> 5.5mmN		<b>Galaxy SB(s)bc pec</b>	<b>EF,ES</b>
		CF,PS,OVAL,UB,NND,R=F		
<b>NGC 7320</b> 12"	<b>Peg</b> 5.5mmN		<b>Galaxy SA(s)d</b>	<b>F,VS</b>
		CF,PS,OVAL,UB,NND,R=F		
<b>NGC 7327</b> 12"	<b>Peg</b> 5.5mmN		<b>Non-Existent</b>	<b>EF,ES,NP 7331</b>
		VF,VS,OVAL,NND,R-F		
<b>NGC 7331</b> 12"	<b>Peg</b> 5.5mmN	<b>H53-1</b>	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>
		PF,PS,EON,BNUC,R=E.	SQM-19.96. 56 DEGREES AT 2125 HOURS	
<b>NGC 7335</b> 12"	<b>Peg</b> 5.5mmN	<b>H166-3</b>	<b>Galaxy SA(rs)0+</b>	<b>VF,VS</b>
		VF,VS,OVAL,NND,R=F		
<b>NGC 7337</b> 12"	<b>Peg</b> 5.5mmN		<b>Galaxy SB(rs)b</b>	<b>EF,S,STELLAR</b>
		VF,VS,OVAL,NND,R=F		

## Observations Listing by Date

## August 7, 2016

## Home

NGC	5272	CVn	M3	Globular	GCL,EB,VL,VSMBM,*11.
	12"	8mm Et	BRIGHT,SMALL,R=G		
NGC	6121	Sco	M4	Globular	CL,8OR1OB*LINE,RRR
	12"	8mm Et	BRIGHT, LARGE,R=E		
NGC	6741	Aql		Planetary Neb 4	PLN,STELLAR
	12"	8mm Et	PF,VS,R=F. LP3. PHANTOM STREAK.		
NGC	6751	Aql		Planetary Neb 3	PB,S
	12"	8mm Et	PF,PS,R=G. LP3 GLOWING EYE.		
NGC	6781	Aql	H743-3	Planetary Neb 3+3	PLN,F,L,R,VSBM DISC
	12"	8mm Et	PF,PS,R=G., LP3. LITTLE RING.		
NGC	6790	Aql		Planetary Neb 2	PLN,B,ES,STELL=9.5M
	12"	8mm Et	PF,VS,R=F. LP3. EYE OF THE EAGLE		
NGC	6853	Vul	M27	Planetary Neb 3+2	VB,VL,BIN,IE,DUMBDEL
	12"	8mm Et	BRIGHT,LARGE,R=E. OUTSTANDING EVEN WITHOUT LP3.		
NGC	6974	Cyg		Nebula EN	NEB*,NEBY CE PF
	12"	27m PN	BRIGHT,LARGE,R=E. LP3.		
NGC	6979	Cyg	H206-2	Non-Existent	
	12"	27m PN	BRIGHT,LARGE,F=E. LP3. SQM-19.81, 62 DEGREES F.		
NGC	7029	Ind		Galaxy E6:	B,CS,R,PGMBM
	12"	8mm Et	PB,PS,R=E. LP3. NO CENTRAL STAR NOTED.		
NGC	7078	Peg	M15	Globular	GCL,VB,VL,IR,VSMBM
	12"	8mm Et	FAINT,SMALL,R=E. FIRST OBJECT IN PEGASUS THIS YEAR.		

## July 23, 2016

## Home

HP	1	Oph		Globular	
	12"	8mm Et	VF,VS,R=P.		
NGC	6355	Oph	H46-1	Globular	CF,L,R,GBM,RRR
	12"	8mm Et	PF,PS,R=F. DID NOT RESOLVE.		
NGC	6356	Oph	H48-1	Globular	GCL,VB,CL,VGVM,RRR
	12"	8mm Et	F,S,R=F. DID NOT RESOLVE		
NGC	6366	Oph		Globular	F,L,VLBM
	12"	8mm Et	VF,L,R=P. DID NOT RESOLVE.		
NGC	6611	Ser	M16	Open Cluster 11.0 II 3 m n	CL,ATLEAST100* L\$\$
	12"	8mm Et	USED LP2 & LP3. BETTER VIEW WITH LP3 (OIII).		



## Observations Listing by Date

July 5, 2016

Home

NGC 5293	12"	Boo	H6-5	Galaxy SA(r)c	EF,VL,RESOLVABLE
		8mm Et		VF,VS,OVAL,MEXT,UB,NND,R=F	
NGC 5332	12"	Boo		Galaxy S0-	VF,S,R
		8mm Et		VF,VS,R,UB,NND,R=F	
NGC 5414	12"	Boo		Galaxy S?	S,F*CENTRE,*10,11NF
		8mm Et		VF,VS,R,UB,NND,R=F	
NGC 5416	12"	Boo	H56-3	Galaxy Scd:	EF,VS,E,R
		8mm Et		VF,VS,R,UB,NND,R=F	
NGC 5417	12"	Boo	H11-3	Galaxy Sa	CF,S,R,PSBM,*P
		7mm TV		PF,PS,OVAL,MEXT,UB,NND,R=F	
NGC 5423	12"	Boo		Galaxy S0-	VF,R,*IN CENTRE
		7mm TV		VF,PS,OVAL,UB,NND,R=F	
NGC 5434A	12"	Boo		Non-Existent	
		7mm TV		VVF,VS,EON,UB,NND,R=F,AV2	
NGC 5434B	12"	Boo		Galaxy Sc	
		7mm TV		VVF,VS,EON,UB,NND,R=F,AV2	
NGC 5504A	12"	Boo		Non-Existent	
		7mm TV		PF,VS,OVAL,UB,NND,R=F	
NGC 5515	12"	Boo	H685-3	Galaxy Sab	VF,S,VLE
		7mm TV		VF,VS,OVAL,UB,NND,AV,R=F	
NGC 5532A	12"	Boo		Non-Existent	
		8mm Et		VF,VS,FNUC,R=F,PAIRED W/NGC-5532B	
NGC 5532B	12"	Boo		Galaxy S0	
		8mm Et		VF,VS,OVAL,UB,NND,R=F,PAIRED W/NGC-5532A	
NGC 5630	12"	Boo	H674-2	Galaxy Sdm:	F,S,E90,GBM
		7mm TV		PF,PS,OVAL,UB,NND,R=F	
NGC 5635	12"	Boo	H132-3	Galaxy S pec	F,S,E,SBM
		7mm TV		VF,PS,OVAL,MEXT,UB,NND,R=F	
NGC 6405	12"	Sco	M6	Open Cluster 5.5 II 3 r	CL,L,IR,LC,ST7,10...
		17mmAT		VERY NICE O.C. LP2 FILTER SHOWS SOME RELATED NEBULOSITY	
NGC 6514	12"	Sgr	M20 H41-4	Nebula EN+OC	VB,VL,TRIFID,D*INV
		17mmAT		BEAUTIFUL,R=E!!, LP2 FILTER	
NGC 6522	12"	Sgr	H49-1	Globular	GCL,B,PL,R,GVMBM,RRR
		8mm Et		F,S,R=G, SAME FIELD AS NGC-6528	
NGC 6523	12"	Sgr	M8	Nebula E	VB,EL,EIF,W/LCL
		17mmAT		VERY NICE,R=E!,LP2 FILTER	
NGC 6528	12"	Sgr	H200-2	Globular	GCL,PF,CS,R,GBM,RRR
		8mm Et		PF,PS,R=G, SAME FIELD AS NGC-6522	

## Observations Listing by Date

July 5, 2016

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NGC 6531 12"	Sgr 17mmAT	M21 NICE OPEN CLUSTER,R=G	Open Cluster 8.0 I 3 r	CL,PRI,LC,ST9...12
NGC 6540 12"	Sgr 8mm Et	H198-2 F,PS,R=F, ALMOST LOST IN HEAVY STAR FIELD	Globular	PF,S,IE,ER OR CL
NGC 6544 12"	Sgr 8mm Et	H197-2 PF,S,R=F	Globular	CF,PL,IR,R
NGC 6553 12"	Sgr 8mm Et	H12-4 PF,S,R=G	Globular	GCL,F,L,LE,VGLBM,RR
NGC 6558 12"	Sgr 8mm Et	PF,PS,R=F,CAN' RESOLVE STARS	Globular	GCL,PB,PL,R,GLBM,RRR
NGC 6569 12"	Sgr 8mm Et	H201-2 F,S,R=F,CAN'T RESOLVE STARS	Globular	GCL,CB,L,R,RRR,*15..
NGC 6624 12"	Sgr 8mm Et	H50-1 F,PS,R=G,VERY NICE.	Globular	GCL,VB,PL,R,RRR,ST16
NGC 6626 12"	Sgr 8mm Et	M28 F,S,R=G	Globular	GCL,VB,L,R,GECM,RRR
NGC 6637 12"	Sgr 8mm Et	M69 EXCELLENT	Globular	GCL,B,L,R,RRR,*14.16
NGC 6638 12"	Sgr 8mm Et	H51-1 F,PS,R=F	Globular	GCL,B,S,R,RR
NGC 6642 12"	Sgr 8mm Et	H205-2 PF,PS,R=F	Globular	GCL,PB,PL,IR,GPMBM
NGC 6652 12"	Sgr 8mm Et	NOTT BAD FOR NON-MESSIER GLOBULAR	Globular	B,S,LE,RRR,ST15
NGC 6656 12"	Sgr 8mm Et	M22 F,L,R=E!	Globular	GCL,VB,VL,R,VRI,VMC
NGC 6681 12"	Sgr 8mm Et	M70 VERY GOOD	Globular	GCL,B,PL,R,GBM,
NGC 6715 12"	Sgr 8mm Et	M54 SMALL AND TIGHT,R=G	Globular	GCL,VB,L,R,G,SMBM,
NGC 6720 12"	Lyr 8mm Et	M57 SUPER	Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA

## Observations Listing by Date

July 1, 2016

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NGC 3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
12"	8mm Et	EYE CANDY		
NGC 3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
12"	8mm Et	EYE CANDY		
NGC 5248	Boo	H34-1	Galaxy SAB(rs)bc	B,L,E150,PSBMRN
12"	8mm Et	MB,ML,OVAL, FNUC,R=G		
NGC 5580	Boo		Galaxy SABcd	PB,S,F OF 2
12"	8mm Et	PF,PS,OVAL,NND,R=F		
NGC 5600	Boo	H177-2	Galaxy Sc pec	PB,PS,GBM
12"	8mm Et	PF,PS,OVAL,UB,NND,R=F		
NGC 5611	Boo		Galaxy S0	F,S,R,BM
12"	8mm Et	VF,VS,OVAL,UB,NND,R=F		
NGC 5623	Boo	H329-2	Galaxy E	CF,S,R,VSBM,R
12"	8mm Et	VF,VS,OVAL,UB,NND,R=F		
NGC 5633	Boo	H185-1	Galaxy (R)SA(rs)b	CB,PS,R,PGLBM
12"	8mm Et	PF,PS,OVAL,UB,NND,R=F		
NGC 5824	Lup		Globular	PB,S,STELL,N
12"	8mm Et	B,S,R=G, CANNOT RESOLVE STARS		
NGC 5986	Lup		Globular	GCL,VB,L,R,VGBM,*13.
12"	8mm Et	F,S,R=F, FAINT OUTER STARS		
NGC 6093	Sco	M80	Globular	GCL,VB,L,VMBM(VAR*)
12"	8mm Et	B,F,R=G		
NGC 6139	Sco		Globular	B,PL,R,PSBM,RR
12"	8mm Et	F,S,R=P, LOW ON HORIZON.		
NGC 6144	Sco	H10-6	Globular	CL,CL,MC,GBM,RRR
12"	8mm Et	F,L,R=G		
NGC 6256	Sco		Globular	GCL,VF,VL,IR,VGBM
12"	7mm TV	V,S,R=F		
NGC 6293	Oph	H12-6	Globular	GCL,VB,L,R,PSBM,ST16
12"	7mm TV	F,S,R=F,RESOLVE OUTER STARS		
NGC 6304	Oph	H147-1	Globular	GCL,B,CL,R,LBM,RRR
12"	7mm TV	F,S,R=F,RESOLVE OUTER STARS		
NGC 6316	Oph	H45-1	Globular	GCL,CB,PS,R,GVMBM
12"	7mm TV	F,PS,R=F		
NGC 6325	Oph		Globular	PF,L,R,RR
12"	7mm TV	VF,PS,R=F		
NGC 6333	Oph	M9	Globular	GCL,B,L,R,ECM,RRR,
12"	7mm TV	F,S,R=G,RESOLVED OUTER STARS		

## Observations Listing by Date

## July 1, 2016

## Home

NGC	6342	Oph	H149-1	Globular	CB,PS,LE,ER
	12"	7mm TV	PF,PS,R=F		
NGC	6656	Sgr	M22	Globular	GCL,VB,VL,R,VRI,VMC
	12"	8mm Et	PB,PL,R=E!!		
NGC	6913	Cyg	M29	Open Cluster 9.0 II 3 m n	CL,P,LC,STL\$\$
	12"	35mm A	B,L,R=G		
NGC	6960	Cyg	H15-5	Nebula E	PB,CL,EIF,KAPPACYGIN
	12"	35mm A	GREAT,R=E!! LP2 FILTER		
NGC	6992	Cyg	H14-5	Nebula E	EF,EL,EE,EIF,BIFID
	12"	35mm A	GREAT,R=E!! LP2 FILTER		
NGC	7000	Cyg	H37-5	Nebula E	F,EEL,DIF NEBULOSITY
	12"	35mm A	GREAT,R=E!! LP2 FILTER		
NGC	7092	Cyg	M39	Open Cluster 7.0 III 2 m	CL,VL,VP,VLC,*7...10
	12"	35mm A	B,S,R=G		
PAL	5	Ser		Globular	
	12"	8mm Et	VF,S,R=F		

## June 17, 2016

## Home

IC	4665	Oph		Open Cluster 6.0 III 2 m	
	12"	8mm Ds	WIDE/OPEN CLUSTER		
NGC	6210	Her		Planetary Neb 2+3b	PLN,VB,VS,R,DISC
	12"	8mm Ds	TURTLE PLANETARY. NO CENTRAL STAR NOTED		
NGC	6229	Her	H50-4	Globular	GCL,VB,L,R,DISC,R
	12"	8mm Ds	COULD NOT RESOLVE		
NGC	6720	Lyr	M57	Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA
	12"	8mm Ds	SURPRISINGLY NICE IN THE MOONLIGHT		
NGC	6779	Lyr	M56	Globular	GCL,B,L,IR,GVMCM,RRR
	12"	8mm Ds	VERY NICE		

## Observations Listing by Date

<b>May 30, 2016</b>		<b>Home</b>			
<b>NGC</b>	<b>4045</b>	<b>Vir</b>	<b>H276-2</b>	<b>Galaxy SBa</b>	<b>PF,L,R,SBM,*SF</b>
	12"	8mm Ds	VF,VS,OVAL,MEXT,UB,NND,AV2R=F		
<b>NGC</b>	<b>4147</b>	<b>Com</b>	<b>H19-1</b>	<b>Globular</b>	<b>GCL,VB,PL,R,GBM,RRR</b>
	12"	8mm Et	PF,PS,R=F. UNRESOLVED STARS		
<b>NGC</b>	<b>4451</b>	<b>Vir</b>		<b>Galaxy Sbc:</b>	<b>PB,PS,R,BM,*13S</b>
	12"	8mm Ds	VF,VS,OVAL,NND,AV1,R=F		
<b>NGC</b>	<b>4590</b>	<b>Hya</b>	<b>M68</b>	<b>Globular</b>	<b>GCL,L,ERI,VC,IR,ST12</b>
	12"	8mm Et	PF,PS,R=F. LOW ON HORIZON		
<b>NGC</b>	<b>5024</b>	<b>Com</b>	<b>M53</b>	<b>Globular</b>	<b>GCL,B,VC,IR,VVMBM,</b>
	12"	8mm Et	FMSMR=G. RESOLVED OUTER STARS		
<b>NGC</b>	<b>5053</b>	<b>Com</b>	<b>H7-6</b>	<b>Globular</b>	<b>CL,VF,PL,IR,VGBM,*15</b>
	12"	8mm Et	VF,S,R=F		
<b>NGC</b>	<b>5272</b>	<b>CVn</b>	<b>M3</b>	<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>
	12"	8mm Et	B,L,R=G. VERY NICE		
<b>NGC</b>	<b>5426</b>	<b>Vir</b>	<b>H309-2</b>	<b>Galaxy SA(s)c pec</b>	<b>PF,CL,R,GMBM,SP OF 2</b>
	12"	8mm Ds	VF,VS,OVAL,NND,R=F. PAIRED W/NGC-5427		
<b>NGC</b>	<b>5427</b>	<b>Vir</b>	<b>H310-2</b>	<b>Galaxy SA(s)c pec</b>	<b>PF,CL,R,NF OF 2</b>
	12"	8mm Ds	VF,VS,OVAL,NND,R=F. PAIRED W/NGC-5426		
<b>NGC</b>	<b>5466</b>	<b>Boo</b>	<b>H9-6</b>	<b>Globular</b>	<b>CL,L,VRI,VMC,ST11...</b>
	12"	8mm Et	VF,S,R=G		
<b>NGC</b>	<b>5560</b>	<b>Vir</b>	<b>H579-2</b>	<b>Galaxy SB(s)b pec</b>	<b>PF,CL,E,GBM</b>
	12"	8mm Ds	PF,PS,VEXT,NND,R=G		
<b>NGC</b>	<b>5566</b>	<b>Vir</b>	<b>H144-1</b>	<b>Galaxy SB(r)ab</b>	<b>B,PL,R,PSBM,R,*F1.5'</b>
	12"	8mm Ds	PF,PS,PEXT,FNUC,R=G		
<b>NGC</b>	<b>5569</b>	<b>Vir</b>		<b>Galaxy SAB(rs)cd:</b>	<b>EF,PL,R</b>
	12"	8mm Ds	VF,VS,R,NND,R=F		
<b>NGC</b>	<b>5574</b>	<b>Vir</b>	<b>H145-1</b>	<b>Galaxy SB0:-? sp</b>	<b>PF,PS,LE,P OF 2</b>
	12"	7mm TV	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>5576</b>	<b>Vir</b>	<b>H146-1</b>	<b>Galaxy E3</b>	<b>B,S,R,VSMBM,F OF 2</b>
	12"	7mm TV	F,PS,OVAL,MEXT,FNUC,R=F		
<b>NGC</b>	<b>5577</b>	<b>Vir</b>		<b>Galaxy SA(rs)bc:</b>	<b>PF,PL,VME53</b>
	12"	8mm Ds	VF,PS,EON,UB,NND,AV1,R=F		
<b>NGC</b>	<b>5634</b>	<b>Vir</b>	<b>H70-1</b>	<b>Globular</b>	<b>GCL,VB,CL,R,GBM,RRR</b>
	12"	8mm Et	F,S,R=F		
<b>NGC</b>	<b>5701</b>	<b>Vir</b>	<b>H575-2</b>	<b>Galaxy (R)SB(rs)0/a</b>	<b>CB,PS,R,MBM,*11P15S</b>
	12"	8mm Ds	PF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>5897</b>	<b>Lib</b>	<b>H19-6</b>	<b>Globular</b>	<b>GCL,PF,L,VIR,VGBM,</b>
	12"	8mm Ds	PF,S,R=F		

## Observations Listing by Date

**May 30, 2016****Home**

<b>NGC 5904</b> 12"	<b>Ser</b> 8mm Ds	<b>M5</b> 1ST OBJECT TONIGHT	<b>Globular</b>	<b>GCL,VB,L,ECM,*11..15</b>
<b>NGC 6121</b> 12"	<b>Sco</b> 8mm Ds	<b>M4</b> F,L,R=G	<b>Globular</b>	<b>CL,8OR1OB*LINE,RRR</b>
<b>NGC 6205</b> 12"	<b>Her</b> 8mm Et	<b>M13</b> ALWAYS GREAT	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
<b>NGC 6205</b> 12"	<b>Her</b> 8mm Ds	<b>M13</b> B,L,R=E. OUTSTANDING	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
<b>NGC 6229</b> 12"	<b>Her</b> 8mm Ds	<b>H50-4</b> B,S,R=G. NICE SPOT.	<b>Globular</b>	<b>GCL,VB,L,R,DISC,R</b>
<b>NGC 6273</b> 12"	<b>Oph</b> 8mm Ds	<b>M19</b> F,S,R=F. LOW ON HORIZON	<b>Globular</b>	<b>GCL,VB,L,R,VCM,RRR</b>
<b>NGC 6284</b> 12"	<b>Oph</b> 8mm Ds	<b>H11-6</b> VF,PS,R=F	<b>Globular</b>	<b>GCL,B,L,R,CM,ST16...</b>
<b>NGC 6287</b> 12"	<b>Oph</b> 8mm Ds	<b>H195-2</b> VF,PS,R=F	<b>Globular</b>	<b>GCL,CB,L,R,GPMCM,RRR</b>
<b>NGC 6341</b> 12"	<b>Her</b> 8mm Ds	<b>M92</b> B,L,R=E. OUTSTANDING. NOT AS LARGE AS M13 THOUGH.	<b>Globular</b>	<b>GCL,VB,VL,ECM,ST S</b>

## Observations Listing by Date

April 14, 2016

Home

<b>IC</b>	<b>2438</b>	<b>Cam</b>	<b>Open Cluster</b>	<b>CL, 5 OR 6 ST 13...</b>
	12"	8mm Ds	F,S, JUST A COUPLE OF STARS	
<b>NGC</b>	<b>1708</b>	<b>Cam</b>	<b>Open Cluster 10.0 cluster?</b>	<b>CL,VL,PRI,LC,ST L\$S</b>
	12"	8mm Ds	F,R=F,12-14 LOOSE GROUPING	
<b>NGC</b>	<b>3031</b>	<b>UMa M81</b>	<b>Galaxy SA(s)ab</b>	<b>EB,EL,E156,GSVMBMBN 2</b>
	12"	8mm Ds	F,S,OVAL,NND,R=G	
<b>NGC</b>	<b>3034</b>	<b>UMa M82 H79-4</b>	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
	12"	8mm Ds	F,S,PEXT,NND,R=G,BRIGHT KNOT ON ONE END.	
<b>NGC</b>	<b>3497</b>	<b>Crt H824-3</b>	<b>Galaxy SA(s)0^:</b>	<b>VF,VS,IR,GLBM</b>
	12"	8mm Ds	VF,PS,OVAL,NND,AV,R=F, LOW ON HORIZON	
<b>NGC</b>	<b>3575</b>	<b>Leo</b>	<b>Non-Existent</b>	<b>PB,PL,R,*11P</b>
	12"	8mm Ds	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3587</b>	<b>UMa M97</b>	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
	12"	8mm Ds	PRETTY FAINT. NO FILTER USED.	
<b>NGC</b>	<b>3689</b>	<b>Leo H339-2</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,PL,LE,BM</b>
	12"	8mm Ds	PF,PS,OVAL,MEXT,NND,R=F	
<b>NGC</b>	<b>3691</b>	<b>Leo H54-2</b>	<b>Galaxy SBb?</b>	<b>F,PS,LE,R</b>
	12"	8mm Ds	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3692</b>	<b>Leo H152-2</b>	<b>Galaxy Sb</b>	<b>F,ME,R</b>
	12"	8mm Ds	VF,VS,EON,UB,NND,R=F	
<b>NGC</b>	<b>4038</b>	<b>Crv H28.1-4</b>	<b>Galaxy SB(s)m pec</b>	<b>PB,CL,R,VGBM</b>
	12"	8mm Ds	PF,PS,UB,NND, NOT MUCH TO SEE IN MOON AND LOW HORIZON	
<b>NGC</b>	<b>4039</b>	<b>Crv H28.2-4</b>	<b>Galaxy SA(s)m pec</b>	<b>PF,PL</b>
	12"	8mm Ds	PF,PS,UB,NND, NOT MUCH TO SEE IN MOON AND LOW HORIZON	
<b>NGC</b>	<b>4260</b>	<b>Vir H138-2</b>	<b>Galaxy SB(s)a</b>	<b>PB,E,PSBM</b>
	12"	11mmT6	DIFF,PS,,S,R,UB,NND,R=F	
<b>NGC</b>	<b>4261</b>	<b>Vir H139-2</b>	<b>Galaxy E2-3</b>	<b>PB,PS,R,GBM</b>
	12"	11mmT6	PF,PS,R,FNUC,R=F	
<b>NGC</b>	<b>4270</b>	<b>Vir H568-2</b>	<b>Galaxy S0</b>	<b>PB,S,R</b>
	12"	11mmT6	PF,PS,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>4281</b>	<b>Vir H573-2</b>	<b>Galaxy S0+: sp</b>	<b>B,VL,R,PGBM</b>
	12"	11mmT6	PF,PS,OVAL,MEXT,FNUC,R=F	
<b>NGC</b>	<b>4472</b>	<b>Vir M49</b>	<b>Galaxy E2</b>	<b>VB,L,R,MBM,R</b>
	12"	11mmT6	SOME MORE EYE CANDY	
<b>NGC</b>	<b>4501</b>	<b>Com M88</b>	<b>Galaxy SA(rs)b</b>	<b>B,VL,VME</b>
	12"	8mm Ds	EYE CANDY	
<b>NGC</b>	<b>4567</b>	<b>Vir H8-4</b>	<b>Galaxy SA(rs)bc</b>	<b>VF,L,NP OF D NEB</b>
	12"	11mmT6	PF,PS,OVAL,NND,R=F	

## Observations Listing by Date

**April 14, 2016****Home**

<b>NGC 4568</b> 12"	<b>Vir</b> 11mmT6	<b>H9-4</b> PF,PS,OVAL,NND,R=F	<b>Galaxy SA(rs)bc</b>	<b>VF,L,SF OF D NEB</b>
<b>NGC 4593</b> 12"	<b>Vir</b> 11mmT6	<b>H183-2</b> PF,S,OVAL,UB,NND,R=F	<b>Galaxy (R)SB(rs)b</b>	<b>PB,CL,E,SBMN=*</b>
<b>NGC 4594</b> 12"	<b>Vir</b> 8mm Ds	<b>M104 H43-1</b> PF,PS,EON,FNUC,R=F,DUST LANE FAINT.	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>
<b>NGC 4637</b> 12"	<b>Vir</b> 11mmT6		<b>Galaxy S0?</b>	<b>DNEB W/4638,( )</b>
<b>NGC 4649</b> 12"	<b>Vir</b> 11mmT6	<b>M60</b>	<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
<b>NGC 4664</b> 12"	<b>Vir</b> 11mmT6	<b>H142-1</b> PF,PS,R,UB,NND,R=G	<b>Galaxy SB(s)0/a</b>	<b>PB,2S*IN M,(=4665)</b>
<b>NGC 4775</b> 12"	<b>Vir</b> 11mmT6	<b>H186-2</b> VF,PS,R,UB,NND,R=F	<b>Galaxy SA(s)d</b>	<b>F,CL,R,VGLBM,R</b>
<b>NGC 5194</b> 12"	<b>CVn</b> 8mm Ds	<b>M51</b> R,S,R,FNUC,R=G,FAINT STRUCTURE NOTED	<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
<b>NGC 5195</b> 12"	<b>CVn</b> 8mm Ds	<b>H186-1</b> F,PS,R,UB,NND,R=F,COULD NOT SEE LINK TO M51	<b>Galaxy I0 pec</b>	<b>B,PS,LE,VGBM,INV-M51</b>
<b>NGC 5363</b> 12"	<b>Vir</b> 11mmT6	<b>H6-1</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy I0?</b>	<b>B,PL,R,PSBM,*8NF</b>
<b>NGC 5634</b> 12"	<b>Vir</b> 11mmT6	<b>H70-1</b> SURPRISE IN VIRGO.	<b>Globular</b>	<b>GCL,VB,CL,R,GBM,RRR</b>
<b>NGC 5664</b> 12"	<b>Lib</b> 11mmT6		<b>Galaxy Sa</b>	<b>PF,S,E,GBM</b>

**January 2, 2016****Home**

<b>NGC 2287</b> 1.9"	<b>CMa</b> 12x50	<b>M41</b> SOFT PATCH OF STARS ABOUT 4 DEGREES WEST OF 3-STAR ASTERISM.	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,B,LC,ST 8...</b>
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## Observations Listing by Date

## December 5, 2015 Home

NGC	189	Cas		Open Cluster 11.0 III 1 p	CL,PL,R,*11...15
	12"	17mmT4			
NGC	205	And	M110 H18-5	Galaxy E5 pec	VB,VL,ME165,VGVMBM
	12"	17mmT4			
NGC	221	And	M32	Galaxy cE2	VVB,L,R,PSMBMN
	12"	17mmT4			
NGC	224	And	M31	Galaxy SA(s)b	EEB,EL,VME,ANDROMEDA 17
	12"	17mmT4			
NGC	225	Cas	H78-8	Open Cluster 9.3 III 1 p n	CL,L,LC,*9...10
	12"	17mmT4			
NGC	281	Cas		Nebula E	F,VL,DIF,STRIP*NP
	12"	17mmT4			
NGC	457	Cas	H42-7	Open Cluster 8.6 II 3 r	CL,B,L,PRI,*7,8,10
	12"	17mmT4	E.T. CLUSTER. AKA OWL CLUSTER		
NGC	581	Cas	M103	Open Cluster 9.0 II 2 m	CL,PL,B,R,RI,*10..11
	12"	17mmT4			
NGC	663	Cas	H31-6	Open Cluster 9.0 II 3 r	CL,B,L,ERI,ST PL
	12"	17mmT4			
NGC	869	Per	H33-6	Open Cluster 6.6 I 3 r	CL,VVL,VRI,*7...14
	12"	17mmT4			
NGC	884	Per	H34-6	Open Cluster 6.4 I 3 r	CL,VL,VRI,RUBY*M
	12"	17mmT4			
NGC	7654	Cas	M52	Open Cluster 11.0 II 2 r	CL,L,RI,MCM,R,*9..13
	12"	17mmT4			
NGC	7789	Cas	H30-6	Open Cluster 10.0 II 2 r	CL,VL,VRI,VMC,*11.18
	12"	17mmT4	CAROLINE'S ROSE. VERY NICE		
STOCK2		Cas		Open Cluster I 2 m	
	12"	17mmT4			

## Observations Listing by Date

## September 10, 2015 Hidden Hollow - RAS

NGC	224	And	M31	Galaxy SA(s)b	EEB,EL,VME,ANDROMEDA 17
	36"	17mmT4	ALWAYS A TREAT		
NGC	7025	Del		Galaxy Sa	VF,VS,R,STELL
	12"	7mm TV	PF,PS,OVAL,UB,NND,R=F		
NGC	7317	Peg		Galaxy E4	VF,VS
	12"	7mm TV	1ST OBJECT AT WRO WITH 12AD, VF,VS,R=F		
NGC	7318B	Peg		Galaxy SB(s)bc pec	EF,ES
	12"	7mm TV	VF,VS,R=F		
NGC	7318A	Peg		Galaxy E2 pec	EF,ES
	12"	7mm TV	VF,VS,R=F		
NGC	7319	Peg		Galaxy SB(s)bc pec	EF,ES
	12"	7mm TV	VF,VS,R=F		
NGC	7320	Peg		Galaxy SA(s)d	F,VS
	12"	7mm TV	VF,VS,R=F		
NGC	7331	Peg	H53-1	Galaxy SA(s)b	B,PL,PME163,SMBM
	12"	7mm TV	F,PS,EON,FNUC,R=G		
NGC	7448	Peg	H251-2	Galaxy SA(rs)bc	PB,L,E173,VGBM,*F2'
	12"	8mm Ds	F,PS,OVAL,MEXT,UB,NND,R=F		
NGC	7463	Peg	H210-3	Galaxy SABb: pec	VF,S,LE,P OF 2
	12"	8mm Ds	PF,PS,OVAL,PEXT,UB,NND,R=F		
NGC	7464	Peg		Galaxy E1 pec:	VF,VS,E,SF7463
	12"	8mm Ds	VF,PS,R,UB,NND,R=F		
NGC	7465	Peg	H211-3	Galaxy (R')SB(s)0^:	VF,VS,FOF 2
	12"	8mm Ds	PF,PS,OVAL,UB,NND,R=F		
NGC	7547	Peg		Galaxy (R')SAB(s)0/a p	VF,S,IR
	12"	7mm TV	VF,VS,R,UB,NND,AV,R=F		
NGC	7549	Peg		Galaxy SB(s)cd pec	PF,PS,R,*10,11P
	12"	7mm TV	PF,PS,OVAL,PEXT,UB,NND,R=F		
NGC	7550	Peg	H181-3	Galaxy SA0-	CF,S,R
	12"	7mm TV	PF,PS,R,UB,NND,R=F		
NGC	7553	Peg		Non-Existent	
	12"	7mm TV	VF,VS,R,UB,NND,AV1,R=P		
NGC	7619	Peg	H439-2	Galaxy E	CB,PS,R,PSBM
	36"	17mmT4	F,S,UB,NND,R=G		
NGC	7619	Peg	H439-2	Galaxy E	CB,PS,R,PSBM
	12"	7mm TV	PF,PS,OVAL,UB,NND,R=F		
NGC	7626	Peg	H440-2	Galaxy E pec:	CB,PS,R,PSBM
	36"	17mmT4	SHOWS DIAGONAL BART IN 36". R=G		

## Observations Listing by Date

**September 10, 2015 Hidden Hollow - RAS**

<b>NGC</b>	<b>7626</b>	<b>Peg</b>	<b>H440-2</b>	<b>Galaxy E pec:</b>	<b>CB,PS,R,PSBM</b>
	12"	7mm TV	PF,PS,OVAL,FNUC,R=F		
<b>NGC</b>	<b>7769</b>	<b>Peg</b>	<b>H230-2</b>	<b>Galaxy (R)SA(rs)b</b>	<b>PF,PS,R,MBM</b>
	12"	7mm TV	PF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>7771</b>	<b>Peg</b>	<b>H231-2</b>	<b>Galaxy SB(s)a</b>	<b>PB,PL,E84,BM,N OF 2</b>
	12"	7mm TV	VF,PS,OVAL,MEXT,NND,R=F		

## Observations Listing by Date

## August 21, 2015 Home

IC	4715	Sgr		Non-Existent	
	12"	35mm A			
NGC	205	And	M110 H18-5	Galaxy E5 pec	VB,VL,ME165,VGVMBM
	12"	8mm Ds			
NGC	221	And	M32	Galaxy cE2	VVB,L,R,PSMBMN
	12"	35mm A			
NGC	224	And	M31	Galaxy SA(s)b	EEB,EL,VME,ANDROMEDA 17
	12"	35mm A	ANDROMEDA		
NGC	281	Cas		Nebula E	F,VL,DIF,STRIP*NP
	12"	8mm Ds	LP2 FILTER		
NGC	598	Tri	M33 H17-5	Galaxy SA(s)cd	EB,EL,R,VGBMN 6
	12"	35mm A			
NGC	663	Cas	H31-6	Open Cluster 9.0 II 3 r	CL,B,L,ERI,ST PL
	12"	8mm Ds			
NGC	869	Per	H33-6	Open Cluster 6.6 I 3 r	CL,VVL,VRI,*7...14
	12"	35mm A			
NGC	884	Per	H34-6	Open Cluster 6.4 I 3 r	CL,VL,VRI,RUBY*M
	12"	35mm A			
NGC	5194	CVn	M51	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
	12"	11mmT6	MOON WAS 7 DAYS OLD. NOT THE BEST FOR GALAXIES.		
NGC	5195	CVn	H186-1	Galaxy I0 pec	B,PS,LE,VGBM,INV-M51
	12"	17mmT4			
NGC	6205	Her	M13	Globular	GCL,EB,VRI,VGECM,*11
	12"	17mmT4			
NGC	6254	Oph	M10	Globular	GCL,B,VL,R,GVMBM,RRR
	12"	17mmT4			
NGC	6341	Her	M92	Globular	GCL,VB,VL,ECM,ST S
	12"	8mm Ds			
NGC	6523	Sgr	M8	Nebula E	VB,EL,EIF,W/LCL
	12"	17mmT4			
NGC	6611	Ser	M16	Open Cluster 11.0 II 3 m n	CL,ATLEAST100* L\$\$
	12"	17mmT4			
NGC	6618	Sgr	M17	Nebula EN+OC	B,EL,EIF,2HOOKED
	12"	17mmT4			
NGC	6628	Her		Galaxy S0?	VF,S,LE,BM
	12"	17mmT4			
NGC	6720	Lyr	M57	Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA
	12"	8mm Ds	LP2 FILTER		

## Observations Listing by Date

**August 21, 2015 Home**

<b>NGC 6853</b> 12"	<b>Vul</b> 8mm Ds	<b>M27</b> LP2 FILTER	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBBEL</b>
<b>NGC 7000</b> 12"	<b>Cyg</b> 35mm A	<b>H37-5</b> LP2 FILTER	<b>Nebula E</b>	<b>F,EEL,DIF NEBULOSITY</b>
<b>NGC 7009</b> 12"	<b>Aqr</b> 8mm Ds	<b>H1-4</b>	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>
<b>NGC 7042</b> 12"	<b>Peg</b> 8mm Ds	<b>H209-3</b>	<b>Galaxy Sb</b>	<b>VF,S,R</b>
<b>NGC 7078</b> 12"	<b>Peg</b> 17mmT4	<b>M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
<b>NGC 7092</b> 12"	<b>Cyg</b> 17mmT4	<b>M39</b>	<b>Open Cluster 7.0 III 2 m</b>	<b>CL,VL,VP,VLC,*7...10</b>
<b>NGC 7331</b> 12"	<b>Peg</b> 8mm Ds	<b>H53-1</b>	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>
<b>NGC 7654</b> 12"	<b>Cas</b> 17mmT4	<b>M52</b>	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>
<b>NGC 7662</b> 12"	<b>And</b> 8mm Ds	<b>H18-4</b> PRETTY SMALL USED LP2 FILTER	<b>Planetary Neb 4+3</b>	<b>PLN ORRING,VB,PS,R</b>
<b>NGC 7814</b> 12"	<b>Peg</b> 8mm Ds	<b>H240-2</b>	<b>Galaxy SA(s)ab: sp</b>	<b>CB,CL,E,VGBM</b>

## Observations Listing by Date

**August 15, 2015 Home**

<b>NGC 3587</b> 12"	<b>UMa</b> 11mmT6	<b>M97</b>	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
<b>NGC 4205</b> 12"	<b>Dra</b> 8mm Ds		<b>Galaxy S?</b> PF,PS,OVAL,UB,NND,R=F	<b>PB,PS,R,*12F,LN</b>
<b>NGC 5667</b> 12"	<b>Dra</b> 8mm Ds	<b>H807-2</b>	<b>Galaxy Scd: pec</b> PF,PS,OVAL,UB,NND,R=F	<b>PB,PS,E0</b>
<b>NGC 5981</b> 12"	<b>Dra</b> 8mm Ds		<b>Galaxy Sc? sp</b> VF,VS,EON,UB,NND,AV1,R=P	<b>F,ME</b>
<b>NGC 5982</b> 12"	<b>Dra</b> 8mm Ds	<b>H764-2</b>	<b>Galaxy E3</b> F,PS,OVAL,FNUC,R-F	<b>CB,S,R,PSBM,R</b>
<b>NGC 5985</b> 12"	<b>Dra</b> 8mm Ds	<b>H766-2</b>	<b>Galaxy SAB(r)b</b> DIFF,PF,S,OVAL,UB,NND,R=F	<b>PB,CL,IE,R</b>
<b>NGC 5989</b> 12"	<b>Dra</b> 8mm Ds	<b>H738-3</b>	<b>Galaxy Scd?</b> VF,PS,OVAL,UB,NND,R=F	<b>VF,VS</b>
<b>NGC 6079</b> 12"	<b>UMi</b> 8mm Ds	<b>H884-3</b>	<b>Galaxy E</b> VF,VS,OVAL,UB,NND,R=F	<b>VF,VS</b>
<b>NGC 6090</b> 12"	<b>Dra</b> 8mm Ds		<b>Galaxy S0?</b> PF,PS,OVAL,MEXT,UB,NND,R=F	<b>VF,S,R</b>
<b>NGC 6514</b> 12"	<b>Sgr</b> 11mmT6	<b>M20</b>	<b>H41-4</b> <b>Nebula EN+OC</b>	<b>VB,VL,TRIFID,D*INV</b>
<b>NGC 7078</b> 12"	<b>Peg</b> 11mmT6	<b>M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
<b>NGC 7089</b> 12"	<b>Aqr</b> 8mm Ds	<b>M2</b>	<b>Globular</b> DITTO	<b>GCL,B,VL,GPMBM,RRR</b>

## Observations Listing by Date

July 15, 2015

Home

<b>IC</b>	<b>5070</b>	<b>Cyg</b>		<b>Non-Existent</b>	
	12"	35mm A	LP2 FILTER - VERY	NICE OBJECT	
<b>NGC</b>	<b>3556</b>	<b>UMa</b>	<b>M108</b>	<b>H46-5</b>	<b>Galaxy SB(s)cd sp</b>
	12"	17mmT4			<b>CB,VL,VME79,PBM,R</b>
<b>NGC</b>	<b>3992</b>	<b>UMa</b>	<b>M109</b>	<b>H61-4</b>	<b>Galaxy SB(rs)bc</b>
	12"	17mmT4			<b>CB,VL,PME,SBMBRN</b>
<b>NGC</b>	<b>5194</b>	<b>CVn</b>	<b>M51</b>		<b>Galaxy SA(s)bc pec</b>
	12"	17mmT4	JUST CRUSIN'		<b>GREAT SPIRAL NEBULA</b>
<b>NGC</b>	<b>5457</b>	<b>UMa</b>	<b>M101</b>		<b>Galaxy SAB(rs)cd</b>
	12"	17mmT4			<b>PB,VL,IR,G,VSMBMBSN 4</b>
<b>NGC</b>	<b>6121</b>	<b>Sco</b>	<b>M4</b>		<b>Globular</b>
	12"	8mm Ds	EYE CANDY TO START		<b>CL,8OR1OB*LINE,RRR</b>
<b>NGC</b>	<b>6205</b>	<b>Her</b>	<b>M13</b>		<b>Globular</b>
	12"	17mmT4			<b>GCL,EB,VRI,VGECM,*11</b>
<b>NGC</b>	<b>6218</b>	<b>Oph</b>	<b>M12</b>		<b>Globular</b>
	12"	17mmT4			<b>GCL,VB,VL,IR,GMBM</b>
<b>NGC</b>	<b>6254</b>	<b>Oph</b>	<b>M10</b>		<b>Globular</b>
	12"	17mmT4			<b>GCL,B,VL,R,GVMBM,RRR</b>
<b>NGC</b>	<b>6287</b>	<b>Oph</b>		<b>H195-2</b>	<b>Globular</b>
	12"	8mm Ds			<b>GCL,CB,L,R,GPMCM,RRR</b>
<b>NGC</b>	<b>6293</b>	<b>Oph</b>		<b>H12-6</b>	<b>Globular</b>
	12"	8mm Ds			<b>GCL,VB,L,R,PSBM,ST16</b>
<b>NGC</b>	<b>6333</b>	<b>Oph</b>	<b>M9</b>		<b>Globular</b>
	12"	17mmT4			<b>GCL,B,L,R,ECM,RRR,</b>
<b>NGC</b>	<b>6402</b>	<b>Oph</b>	<b>M14</b>		<b>Globular</b>
	12"	17mmT4			<b>GCL,B,VL,R,ERI,VGMBM</b>
<b>NGC</b>	<b>6611</b>	<b>Ser</b>	<b>M16</b>		<b>Open Cluster 11.0 II 3 m n</b>
	12"	17mmT4			<b>CL,ATLEAST100* L\$\$</b>
<b>NGC</b>	<b>6705</b>	<b>Sct</b>	<b>M11</b>		<b>Open Cluster 11.0 I 2 r</b>
	12"	17mmT4			<b>CL,VB,L,IR,RI,*9,</b>
<b>NGC</b>	<b>6720</b>	<b>Lyr</b>	<b>M57</b>		<b>Planetary Neb 4+3</b>
	12"	8mm Ds			<b>RINGNEB,B,PL,CE,LYRA</b>
<b>NGC</b>	<b>7000</b>	<b>Cyg</b>		<b>H37-5</b>	<b>Nebula E</b>
	12"	35mm A	LP2 FILTER - VERY	NICE OBJECT	<b>F,EEL,DIF NEBULOSITY</b>
<b>NGC</b>	<b>7078</b>	<b>Peg</b>	<b>M15</b>		<b>Globular</b>
	12"	17mmT4			<b>GCL,VB,VL,IR,VSMBM</b>

## Observations Listing by Date

## May 23, 2015

## Home

NGC	3556	UMa	M108 H46-5	Galaxy SB(s)cd sp	CB,VL,VME79,PBM,R
	12"	11mmT6			
NGC	3587	UMa	M97	Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM
	12"	11mmT6			
NGC	4594	Vir	M104 H43-1	Galaxy SA(s)a sp	VB,VL,EE92,VSMBMN
	12"	11mmT6			
NGC	5194	CVn	M51	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
	12"	8mm Ds	CAN JUST SEE SPIRAL STRUCTURE		
NGC	5195	CVn	H186-1	Galaxy I0 pec	B,PS,LE,VGBM,INV-M51
	12"	8mm Ds	COMPANION TO M51		
NGC	5272	CVn	M3	Globular	GCL,EB,VL,VSMBM,*11.
	12"	8mm Ds	GOOD SHOW		
NGC	5904	Ser	M5	Globular	GCL,VB,L,ECM,*11..15
	12"	11mmT6			
NGC	6121	Sco	M4	Globular	CL,8OR10B*LINE,RRR
	12"	11mmT6	EYE CANDY		
NGC	6720	Lyr	M57	Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA
	12"	11mmT6	EYE CANDY		

## May 22, 2015

## Home

NGC	2392	Gem	H45-4	Planetary Neb 3b+3b	B,S,R,*9M,*8NF100"
	12"	8mm Ds	NO FILTER NEEDED CENTRAL STAR VISIBLE		
NGC	2539	Pup	H11-7	Open Cluster 9.0 III 2 m	CL,VL,RI,LC,*11...13
	12"	17mmT4	CAUGHT BEFORE SETTING. LOW ON HORIZON		
NGC	2548	Hya	M48 H22-6	Open Cluster 8.0 I 3 r	CL,VL,PRI,PMC,*9..13
	12"	17mmT4	TYPICAL OPEN CLUSTER R=F		
NGC	3242	Hya	H27-4	Planetary Neb 4+3b	PLN,VB,LE147,45"D
	12"	8mm Ds	NO FILTER CENTRAL STAR NOT VISIBLE		
NGC	4594	Vir	M104 H43-1	Galaxy SA(s)a sp	VB,VL,EE92,VSMBMN
	12"	8mm Ds	ALWAYS GREAT. DUST LANE VISIBLE		

## April 17, 2015

## Hidden Hollow - RAS

NGC	3049	Leo		Galaxy SB(rs)ab	VF,VS,F*V NR
	18"	8mm Ds	VF,PS,OVAL,UB,NND,R=F		
NGC	4159	Dra	H941-3	Galaxy S?	EF,PS,R,TRI2*
	18"	8mm Ds	VF,PS,OVAL,UB,NND,R=F		
NGC	4291	Dra	H275-1	Galaxy E	PB,VS,R,LBM,3*F
	18"	8mm Ds	F,S,ROUND,UB,NND,R=F		



## Observations Listing by Date

## October 26, 2014 Home

NGC 80	And		Galaxy SA0-:	F,S,R,PSBM
12"	11mmT6	PF,PS,R,UB,NND,R=F		
NGC 83	And		Galaxy E	E,BIN,3B*NR
12"	11mmT6	PF,PS,R,UB,NND,R=F		
NGC 90	And		Non-Existent	
12"	11mmT6	VF,VS,OVAL,VEXT,UB,NND,R=R		
NGC 205	And	M110 H18-5	Galaxy E5 pec	VB,VL,ME165,VGVMBM
12"	22mmAT	EYE CANDY		
NGC 221	And	M32	Galaxy cE2	VVB,L,R,PSMBMN
12"	22mmAT	EYE CANDY		
NGC 224	And	M31	Galaxy SA(s)b	EEB,EL,VME,ANDROMEDA 17
12"	22mmAT	EYE CANDY		
NGC 281	Cas		Nebula E	F,VL,DIF,STRIP*NP
12"	17mmT4	PAC-MAN NEBULA. GREAT W/OIII FILTER		
NGC 598	Tri	M33 H17-5	Galaxy SA(s)cd	EB,EL,R,VGBMN 6
12"	22mmAT	EYE CANDY		
NGC 7448	Peg	H251-2	Galaxy SA(rs)bc	PB,L,E173,VGBM,*F2'
18"	8mm Ds	PF,PS,OVAL,MEXT,UB,NND,R=G		
NGC 7463	Peg	H210-3	Galaxy SABb: pec	VF,S,LE,P OF 2
12"	8mm Ds	VF,PS,EON,UB,NND,AVII,R=F		
NGC 7465	Peg	H211-3	Galaxy (R')SB(s)0^:	VF,VS,FOF 2
12"	8mm Ds	PF,PS,OVAL,UB,NND,R=F		
NGC 7619	Peg	H439-2	Galaxy E	CB,PS,R,PSBM
12"	11mmT6	PF,PS,R,UB,NND,R=F		
NGC 7623	Peg	H435-3	Galaxy SA0^:	F,VS,R,PSBM
12"	11mmT6	PF,VS,OVAL,UB,NND,R=P		
NGC 7626	Peg	H440-2	Galaxy E pec:	CB,PS,R,PSBM
12"	11mmT6	PF,PS,R,UB,NND,R=F		
NGC 7654	Cas	M52	Open Cluster 11.0 II 2 r	CL,L,RI,MCM,R,*9..13
12"	22mmAT	EYE CANDY		
NGC 7769	Peg	H230-2	Galaxy (R)SA(rs)b	PF,PS,R,MBM
12"	11mmT6	PF,S,OVAL,UB,NND,R=G		
NGC 7770	Peg		Galaxy S0/a?	VF,VS,IR,S OF 2
12"	11mmT6	VF,VS,OVAL,UB,NND,AVII,R=P		
NGC 7771	Peg	H231-2	Galaxy SB(s)a	PB,PL,E84,BM,N OF 2
12"	11mmT6	PF,PS,OVAL,MEXT,UB,NND,R=F		
NGC 7778	Psc	H231-3	Galaxy E	CF,S,R,PSBM,1ST OF4
12"	11mmT6	VF,VS,R,UB,NND,R=F		

## Observations Listing by Date

**October 26, 2014 Home**

**NGC 7779 Psc H232-3 Galaxy (R')SA0/a: PF,S,R,PSBM,2ND OF 4**  
12" 11mmT6 VF,VS,OVAL,UB,NND,R=P

**NGC 7782 Psc H233-3 Galaxy SA(s)b PF,PL,LE,GLBM,4THOF4**  
12" 11mmT6 PF,PS,OVAL,MEXT,NND,R=F

## Observations Listing by Date

## September 19, 2014 Hidden Hollow - RAS

CR	256	Com	Open Cluster III3r		
	12"	35mm A	B,VL,R=G, NICE LOOSE GROUP, HOME - 8/14/14		
IC	983	Boo	Galaxy SB(r)bc		
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
IC	4756	Ser	Open Cluster 8.0 II 3 r		
	12"	17mmAT	B,L,R=G,LOOSE, HOME - 8/14/14		
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
NGC	4486	Vir	M87	Galaxy E+0-1 pec	VB,VL,R,MBM,3RD OF 3
	12"	17mmAT	PF,L,R=G, HOME - 8/14/14		
NGC	4826	Com	M64	Galaxy (R)SA(rs)ab	VB,VL,VME120,BMSBN
	12"	17mmAT	PF,L,OVAL,FNUC,R=F, HOME - 8/14/14		
NGC	5194	CVn	M51	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
NGC	5272	CVn	M3	Globular	GCL,EB,VL,VSMBM,*11.
	12"	17mmAT	B,L,R=F, HOME - 8-14-14		
NGC	5457	UMa	M101	Galaxy SAB(rs)cd	PB,VL,IR,G,VSMBMBSN 4
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
NGC	5473	UMa	H231-1	Galaxy SAB(s)0-	PB,S,R,GBM
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
NGC	6052	Her	Non-Existent		F,PL,IR,(=6064)
	18"	8mm Ds	VF,PS,OVAL,UB,NND,R=F, WRO - 9/19/14		
NGC	6121	Sco	M4	Globular	CL,8OR10B*LINE,RRR
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
NGC	6144	Sco	H10-6	Globular	CL,CL,MC,GBM,RRR
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
NGC	6210	Her	Planetary Neb 2+3b		PLN,VB,VS,R,DISC
	12"	11mmT6	B,VS,R=F,SITS ATOP 3-STAR TRIANGLE -N.N., HOME - 8/14/14		
NGC	6405	Sco	M6	Open Cluster 5.5 II 3 r	CL,L,IR,LC,ST7,10...
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
NGC	6426	Oph	H587-2	Globular	VF,CL,E,VLBM
	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
NGC	6741	Aql	Planetary Neb 4		PLN,STELLAR
	12"	11mmT6	PF,PS,R=F, LP-2, NO CENTRAL STAR, HOME - 9/14/14		
NGC	6781	Aql	H743-3	Planetary Neb 3+3	PLN,F,L,R,VSBM DISC
	12"	11mmT6	F,PL,OVAL,R=G, LP-2, 3 STARS INSIDE, HOME - 9/14/14		
NGC	6818	Sgr	H51-4	Planetary Neb 4	PLN,B,VS,R
	12"	11mmT6	B,S,ROUND DOT, HOME - 8/14/14		

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<b>NGC 7046</b> 18"	<b>Equ</b> 8mm Ds	<b>H858-3</b> VF,PS,OVAL,UB,NND,R=F, WRO - 9/19/14	<b>Galaxy SB(rs)cd</b>	<b>EF,PL,R,LBM</b>
<b>NGC 7078</b> 12"	<b>Peg</b> 17mmAT	<b>M15</b> 5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
<b>NGC 7458</b> 18"	<b>Psc</b> 8mm Ds	<b>H590-2</b> PF,PS,R,FNUC,R=G, WRO - 9/19/14	<b>Galaxy E</b>	<b>CF,CS,PSBM</b>
<b>NGC 7506</b> 18"	<b>Psc</b> 8mm Ds	<b>H184-3</b> PF,PS,OVAL,FNUC,R=F, WRO - 9/19/14	<b>Galaxy (R')SB(r)0+:</b>	<b>CF,VS,R,SBM*15</b>
<b>NGC 7546</b> 18"	<b>Psc</b> 8mm Ds	<b>Galaxy SAB(r)bc:</b> VF,VS,OVAL,UB,NND,AV1,R=P, WRO - 9/19/14		<b>EF,S,LE</b>
<b>NGC 7556</b> 18"	<b>Psc</b> 8mm Ds	<b>H235-2</b> PF,PS,OVAL,FNUC,R=G, WRO - 9/19/14	<b>Galaxy S0-</b>	<b>CF,PL,R,B** F</b>
<b>NGC 7566</b> 18"	<b>Psc</b> 8mm Ds	<b>H185-3</b> VF,PS,OVAL,MEXT,UB,NND,R=F, WRO - 9/19/14	<b>Galaxy (R')SB(rs)a pec</b>	<b>VF,PS,E,ER,3F*INV</b>
<b>NGC 7685</b> 18"	<b>Psc</b> 8mm Ds	<b>H426-3</b> VF,PS,OVAL,MEXT,UB,NND,R=F, WRO - 9/19/14	<b>Galaxy SAB(s)c:</b>	<b>EF,CL,R,GBM,**NR</b>
<b>NGC 7694</b> 18"	<b>Psc</b> 8mm Ds	<b>H187-3</b> PF,PS,OVAL,VEXT,FNUC,R=G, WRO - 9/19/14	<b>Galaxy Im pec:</b>	<b>EF,PL,STELLAR</b>
<b>NGC 7701</b> 18"	<b>Psc</b> 8mm Ds	<b>H188-3</b> PF,VS,OVAL,UB,NND,R=F, WRO - 9/19/14	<b>Galaxy</b>	<b>VF,S,R,MBM,*11SP</b>
<b>NGC 7750</b> 18"	<b>Psc</b> 8mm Ds	<b>H427-3</b> PF,PS,OVAL,PEXT,UB,NND,R=F	<b>Galaxy (R')SB(rs)c pec</b>	<b>CF,PL,VLE0,LBM,*11SF</b>
<b>NGC 7751</b> 18"	<b>Psc</b> 8mm Ds	<b>H437-3</b> VF,VS,R,UB,NND,R=F, WRO - 9/19/14	<b>Galaxy S?</b>	<b>F,S,R,GBM,ER</b>
<b>NGC 7769</b> 18"	<b>Peg</b> 8mm Ds	<b>H230-2</b> PF,PS,R,FNUC,R=G, WRO - 9/19/14	<b>Galaxy (R)SA(rs)b</b>	<b>PF,PS,R,MBM</b>
<b>NGC 7770</b> 18"	<b>Peg</b> 8mm Ds	<b>Galaxy S0/a?</b> PF,VS,OVAL,PEXT,UB,NND,R=F,, WRO - 9/19/14		<b>VF,VS,IR,S OF 2</b>
<b>NGC 7771</b> 18"	<b>Peg</b> 8mm Ds	<b>H231-2</b> PF,PS,OVAL,MEXT,UB,NND,R=F, WRO - 9/19/14	<b>Galaxy SB(s)a</b>	<b>PB,PL,E84,BM,N OF 2</b>
<b>NGC 7778</b> 18"	<b>Psc</b> 8mm Ds	<b>H231-3</b> PF,PS,R,UB,NND,R=F,PAIRED W/NGC-7779, WRO - 9/19/14	<b>Galaxy E</b>	<b>CF,S,R,PSBM,1ST OF 4</b>
<b>NGC 7779</b> 18"	<b>Psc</b> 8mm Ds	<b>H232-3</b> PF,PS,R,UB,NND,R=F, PAIRED W/NGC-7778, WRO - 9/19/14	<b>Galaxy (R')SA0/a:</b>	<b>PF,S,R,PSBM,2ND OF 4</b>
<b>NGC 7782</b> 18"	<b>Psc</b> 8mm Ds	<b>H233-3</b> PF,PS,OVAL,MEXT,UB,NND,R=F, WRO - 9/19/14	<b>Galaxy SA(s)b</b>	<b>PF,PL,LE,GLBM,4THOF4</b>
<b>NGC 7797</b> 18"	<b>Psc</b> 8mm Ds	<b>H867-3</b> VF,PS,R,UB,NND,AV,R=F	<b>Galaxy Sbc</b>	<b>EF,PS,IR,LBM</b>

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<b>NGC</b>	<b>7817</b>	<b>Peg</b>	<b>H227-2</b>	<b>Galaxy SAbc: sp</b>	<b>PF,CL,ME45,LBM</b>
	18"	8mm Ds	PF,PS,OVAL,UB,NND,R=F, WRO - 9/13/14		
<b>PAL</b>	<b>1</b>	<b>Cep</b>		<b>Globular</b>	
	18"	8mm Ds	VF,VS,AVII,R=F,, WRO - 9/19/14		
<b>PGC</b>	<b>25</b>	<b>Peg</b>		<b>Galaxy Double System</b>	
	18"	8mm Ds	VF,VS,OVAL,MEXT,NND,R=F, WRO - 9/13/14		
<b>PGC</b>	<b>120</b>	<b>Peg</b>		<b>Galaxy (R)S(r)cd: pec</b>	
	18"	8mm Ds	PF,VS,OVAL,UB,NND,R=F, WRO - 9/19/14		
<b>PGC</b>	<b>71752</b>	<b>Psc</b>		<b>Galaxy SB(s)d</b>	
	18"	8mm Ds	VF,S,OVAL,EEXT,UB,NND,AVII,R=P, WRO - 9/19/14		

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<b>IC</b>	<b>3074</b>	<b>Vir</b>	<b>Galaxy SB(s)dm: sp</b>	
	18"	8mm Ds	VF,PS,EON,UB,NND,R=F,PA=160	
<b>NGC</b>	<b>3406</b>	<b>UMa</b>	<b>Galaxy E</b>	<b>PB,R,PGBM</b>
	18"	8mm Ds	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>3435</b>	<b>UMa</b>	<b>H887-2 Galaxy Sb</b>	<b>CF,PS,LE,VGBM</b>
	18"	8mm Ds	VF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3440</b>	<b>UMa</b>	<b>H914-3 Galaxy SBb? sp</b>	<b>VF,S,LE</b>
	18"	8mm Ds	PF,PS,EON,UB,NND,R=F,PA=50	
<b>NGC</b>	<b>3445</b>	<b>UMa</b>	<b>H267-1 Galaxy SAB(s)m</b>	<b>CB,PL,IR,VGLBM,*NF2'</b>
	18"	8mm Ds	PFL,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>3654</b>	<b>UMa</b>	<b>H880-2 Galaxy S?</b>	<b>F,S,LE15</b>
	18"	8mm Ds	PF,PS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>3656</b>	<b>UMa</b>	<b>H782-2 Galaxy (R')I0: pec</b>	<b>PB,S,R,VGBM,*12P</b>
	18"	8mm Ds	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>3657</b>	<b>UMa</b>	<b>H768-3 Galaxy SAB(rs)c pec</b>	<b>CF,VS,R,STELLAR</b>
	18"	8mm Ds	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>3674</b>	<b>UMa</b>	<b>H886-2 Galaxy S0 sp</b>	<b>PF,IF</b>
	18"	8mm Ds	PF,PS,OVAL,EEXT,UB,NND,R=F,PA=25	
<b>NGC</b>	<b>4197</b>	<b>Vir</b>	<b>H134-2 Galaxy Sd</b>	<b>PF,PME,VGBM</b>
	18"	8mm Ds	PF,PS,EON,UB,NND,R=F,PA=30	
<b>NGC</b>	<b>5022</b>	<b>Vir</b>	<b>Galaxy SBb pec sp</b>	<b>VF,PL,E30,GBM,F5018</b>
	18"	8mm Ds	PF,PS,EON,UB,NND,R=F,PA=21	
<b>NGC</b>	<b>5194</b>	<b>CVn</b>	<b>M51 Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
	18"	8mm Ds	MORE DETAIL THAN THE 36". M51 AT ZENITH.	
<b>NGC</b>	<b>5194</b>	<b>CVn</b>	<b>M51 Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
	36"	17mmT4	GREAT VIEW. SPIRAL STRUCTURE NOTED.	
<b>NGC</b>	<b>5195</b>	<b>CVn</b>	<b>H186-1 Galaxy I0 pec</b>	<b>B,PS,LE,VGBM,INV-M51</b>
	18"	8mm Ds	MORE DETAIL THAN THE 36". AT ZENITH	
<b>NGC</b>	<b>5195</b>	<b>CVn</b>	<b>H186-1 Galaxy I0 pec</b>	<b>B,PS,LE,VGBM,INV-M51</b>
	36"	17mmT4	GREAT VIEW.	
<b>PGC</b>	<b>36343</b>	<b>UMa</b>	<b>Galaxy Scd:</b>	
	18"	8mm Ds	VF,PS,EON,UB,NND,R=F,PA=90	
<b>PGC</b>	<b>44358</b>	<b>Vir</b>	<b>Galaxy Sd: sp</b>	
	18"	8mm Ds	PF,PS,EON,UB,NND,R=F,PA=100	
<b>PGC</b>	<b>44391</b>	<b>Com</b>	<b>Galaxy SBb</b>	
	18"	8mm Ds	PF,PS,EONL,UB,NND,R=F,PA=35	
<b>PGC</b>	<b>45084</b>	<b>Vir</b>	<b>Galaxy IB(s)m sp</b>	
	18"	8mm Ds	PF,PS,EON,UB,NND,R=F,PA=110	

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<b>IC</b>	<b>511</b>	<b>Cam</b>	<b>Galaxy S0/a:</b>	
	18"	8mm Ds	PF,PS,OVAL,PEXT,UB,NND,AV1,R=F	
<b>IC</b>	<b>512</b>	<b>Cam</b>	<b>Galaxy SAB(s)cd</b>	
	18"	8mm Ds	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>529</b>	<b>Cam</b>	<b>Galaxy SA(s)c:</b>	
	18"	8mm Ds	PF,PS,OVL,PEXT,UB,NND,R=F	
<b>IC</b>	<b>3322A</b>	<b>Vir</b>	<b>Galaxy SB(s)cd: sp</b>	
	18"	8mm Ds	PF,PS,EON,FNUC,R=F,PA=160	
<b>IC</b>	<b>3414</b>	<b>Vir</b>	<b>Galaxy SABdm?</b>	
	18"	8mm Ds	VF,VS,OVAL,UB,NND,AV1,R=P	
<b>NGC</b>	<b>2591</b>	<b>Cam</b>	<b>Galaxy Scd: sp</b>	<b>F,S,E,LBM</b>
	18"	8mm Ds	PF,PS,EON,UB,NND,R=F,PA=30	
<b>NGC</b>	<b>2634A</b>	<b>Cam</b>	<b>Galaxy SB(s)bc? sp</b>	
	18"	8mm Ds	VF,VS,EON,UB,NND,R=F,PA=50	
<b>NGC</b>	<b>2636</b>	<b>Cam</b>	<b>Galaxy E0:</b>	<b>VF,S,2*11,12 F</b>
	18"	8mm Ds	VF,VS,R,UB,NND,AV2,R=P	
<b>NGC</b>	<b>2732</b>	<b>Cam</b>	<b>Galaxy S0 sp</b>	<b>PB,S,E45,*13NF</b>
	18"	8mm Ds	PF,PS,EON,FNUC,R=G,PA=75	
<b>NGC</b>	<b>2748</b>	<b>Cam</b>	<b>Galaxy SAbc</b>	<b>PB,PL,E,VGLBM</b>
	18"	8mm Ds	PF,PS,OVAL,VEXT,UB,NND,R=F	
<b>NGC</b>	<b>3245</b>	<b>LMi</b>	<b>H86-1 Galaxy SA(r)0<sup>+</sup>?</b>	<b>VB,PL,E0, SMBMEN</b>
	18"	8mm Ds	PF,PS,OVAL,MEXT,BNUC,R=G	
<b>NGC</b>	<b>3245A</b>	<b>LMi</b>	<b>Galaxy SB(s)b sp</b>	
	18"	8mm Ds	PF,VS,EON,UB,NND,R=F,PA=150	
<b>NGC</b>	<b>3454</b>	<b>Leo</b>	<b>Galaxy SB(s)c? sp</b>	<b>PF,LE,NP OF 2</b>
	18"	8mm Ds	PF,VS,EON,UB,NND,R=F,PA=110	
<b>NGC</b>	<b>3455</b>	<b>Leo</b>	<b>H82-2 Galaxy (R')SAB(rs)b</b>	<b>PF,S,E,GBM,R,SF OF 2</b>
	18"	8mm Ds	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3901</b>	<b>Cam</b>	<b>H970-3 Galaxy Scd:</b>	<b>PF,PL,RESOLVABLE</b>
	18"	8mm Ds	VF,PS,OVAL,VEXT,UB,NND,R=F	
<b>NGC</b>	<b>4127</b>	<b>Cam</b>	<b>H279-1 Galaxy SAc?</b>	<b>F,PL,VLE,GLBM</b>
	18"	8mm Ds	VF,PS,OVAL,PEXT,UB,NND,R=F	
<b>NGC</b>	<b>4356</b>	<b>Vir</b>	<b>H481-3 Galaxy Scd:</b>	<b>VF</b>
	18"	8mm Ds	PF,PS,EON,UB,NND,R=F, MAG 13 STAR ON SOUTH EDGE.	
<b>NGC</b>	<b>4454</b>	<b>Vir</b>	<b>H180-2 Galaxy (R)SB(r)0/a</b>	<b>F,L,R,GBM,ER</b>
	18"	8mm Ds	PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>4470</b>	<b>Vir</b>	<b>H18-2 Galaxy Sa?</b>	<b>F,PL,IR,BM</b>
	18"	8mm Ds	PF,PS,OVAL,FNUC,R=G	

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<b>NGC 4476</b> 18"	<b>Vir</b> 8mm Ds	<b>H123-2</b> PF,VS,OVAL,FNUC,R=G	<b>Galaxy SA(r)0-:</b>	<b>F,S,R,BM,1ST OF 3</b>
<b>NGC 4482</b> 18"	<b>Vir</b> 8mm Ds	<b>H40-3</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy E</b>	<b>EF,PL</b>
<b>NGC 4484</b> 18"	<b>Vir</b> 8mm Ds	<b>Galaxy SA(s)c pec:</b> VF,PS,R,UB,NND,AV,R=P		<b>PF,S,R,GBM</b>
<b>NGC 5295</b> 18"	<b>Cam</b> 8mm Ds	<b>H946-3</b> VF,VS,R,NND,AV3,R=P	<b>Galaxy</b>	<b>VF,VS,R</b>
<b>NGC 5640</b> 18"	<b>Cam</b> 8mm Ds	<b>H949-3</b> VF,VS,R,UB,NND,AV3,R=P	<b>Galaxy Ia</b>	<b>EF,S,LE</b>
<b>PGC 28700</b> 18"	<b>Leo</b> 8mm Ds	<b>Galaxy Scd:</b> VF,PS,EON,UB,NND,R=F,PA=55		
<b>PGC 29472</b> 18"	<b>UMa</b> 8mm Ds	<b>Galaxy SB(s)c? sp</b> VF,PS,EON,UB,NND,R=F,PA=125		
<b>PGC 29698</b> 18"	<b>Leo</b> 8mm Ds	<b>Galaxy Scd:</b> VF,VS,EON,UB,NND,R=F,PA=95		
<b>PGC 31037</b> 18"	<b>Sex</b> 8mm Ds	<b>Galaxy SBd:</b> PF,PS,EON,UB,NND,R=F,PA=150		
<b>PGC 35991</b> 18"	<b>Leo</b> 8mm Ds	<b>Galaxy Sd</b> VF,FS,EON,UB,NND,AV1,R=P,PA=130		
<b>PGC 36431</b> 18"	<b>Leo</b> 8mm Ds	<b>Galaxy Sb</b> VF,VS,EON,UB,NND,AV2,R=F,PA=60		



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<b>NGC</b>	<b>4255</b>	<b>Vir</b>	<b>Galaxy SB(r)0<sup>^</sup></b>	<b>S,PMBM</b>
	18"	8mm Ds	VF,PS,OVAL,MEXT,UB,NND,AV1,R=F	
<b>NGC</b>	<b>4300</b>	<b>Vir</b>	<b>H572-2 Galaxy Sa</b>	<b>F,LE,VGBM</b>
	18"	8mm Ds	PF,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>4305</b>	<b>Vir</b>	<b>Galaxy SA(r)a</b>	<b>VF,R</b>
	18"	8mm Ds	PF,PS,OVAL,UB,NND,R=F, PAIRED W/NGC-4306	
<b>NGC</b>	<b>4306</b>	<b>Vir</b>	<b>Galaxy SB(s)0<sup>^</sup>:</b>	<b>VF,PL,R,4305SP</b>
	18"	8mm Ds	PF,PS,OVAL,UB,NND,R=F,PAIRED W/.NGC-4305	
<b>NGC</b>	<b>4307</b>	<b>Vir</b>	<b>Galaxy Sb sp</b>	<b>PF,L,ME,3KNOTS</b>
	18"	8mm Ds	PF,PS,EON,UB,NND,R=F,PA=24	
<b>NGC</b>	<b>4309</b>	<b>Vir</b>	<b>Galaxy SAB(r)0+</b>	<b>F,S,*11F12S</b>
	18"	8mm Ds	VF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>4486B</b>	<b>Vir</b>	<b>Galaxy cE0</b>	
	18"	8mm Ds	VF,VSM,R,UB,NND,R=F	
<b>NGC</b>	<b>4486A</b>	<b>Vir</b>	<b>Galaxy E2</b>	
	18"	8mm Ds	VF,VS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>4584</b>	<b>Vir</b>	<b>Galaxy SAB(s)a?</b>	<b>VF,S,R</b>
	18"	8mm Ds	PF,PS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>4598</b>	<b>Vir</b>	<b>H105-3 Galaxy SB0</b>	<b>EF,L,R,VLBM</b>
	18"	8mm Ds	VF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>4599</b>	<b>Vir</b>	<b>H509-3 Galaxy SA0/a sp</b>	<b>VF,VS</b>
	18"	8mm Ds	VF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>4600</b>	<b>Vir</b>	<b>H577-2 Galaxy S0</b>	<b>F,S,R,2*8F</b>
	18"	8mm Ds	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>4604</b>	<b>Vir</b>	<b>Galaxy Im: sp</b>	<b>NO DESCRIPTION</b>
	18"	8mm Ds	VF,VS,OVAL,PEXT,UB,NND,AV,R=F	
<b>NGC</b>	<b>4607</b>	<b>Vir</b>	<b>Galaxy SBb? sp</b>	<b>F,ME,3OR4'F4606</b>
	18"	8mm Ds	PF,S,EON,UB,NND,R=F,PA=179	
<b>NGC</b>	<b>4624</b>	<b>Vir</b>	<b>Galaxy E0-1</b>	<b>B,E</b>
	18"	8mm Ds	F,S,OVAL,BNUC,R=G	
<b>NGC</b>	<b>4700</b>	<b>Vir</b>	<b>H524-3 Galaxy SB(s)c? sp</b>	<b>F,L,ME40,VLBM,B*P</b>
	18"	8mm Ds	PF,PS,EON,FNUC,R=F,PA=48	
<b>NGC</b>	<b>4701</b>	<b>Vir</b>	<b>H578-2 Galaxy SA(s)cd</b>	<b>F,S</b>
	18"	8mm Ds	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>4703</b>	<b>Vir</b>	<b>H514-3 Galaxy Sb sp</b>	<b>EF,CS,PME</b>
	18"	8mm Ds	PF,PS,EON,FNUC,R=G,PA=153	
<b>NGC</b>	<b>4705</b>	<b>Vir</b>	<b>H610-3 Galaxy SAB(s)bc: sp</b>	<b>CF,PL,LE</b>
	18"	8mm Ds	PF,PS,OVAL,UB,NND,R=F	

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<b>NGC 4708</b> 18"	<b>Vir</b> 8mm Ds	<b>H722-3</b> PF,PS,OVAL,UB,NND,R=F,	<b>Galaxy SA(r)ab pec?</b> MEGASTAR SAYS 14.5 MAG.	<b>EF,S</b>
<b>NGC 4713</b> 18"	<b>Vir</b> 8mm Ds	<b>H140-1</b> PF,PS,OVAL,FNUC,R=F	<b>Galaxy SAB(rs)d</b>	<b>PB,L,VLE,GLBM</b>
<b>NGC 4716</b> 18"	<b>Vir</b> 8mm Ds	<b>Galaxy S0^ pec?</b> PF,PS,OVAL,UB,NND,R=F,	PAIRED W/NGC-4717	<b>DNEB,NPBRIGHTER\$SMBM</b>
<b>NGC 4717</b> 18"	<b>Vir</b> 8mm Ds	<b>Galaxy SB(rs)a pec?</b> VF,PS,OVAL,MEXDT,UB,NND,R=F,	PAIRED W/NGC-4716	<b>DNEB SF ONE FAINTER</b>
<b>NGC 5534</b> 18"	<b>Vir</b> 8mm Ds	<b>Galaxy (R')SAB(s)ab p:</b> PF,PS,OVAL,FNUC,R=F		<b>PF,ST INV,*12NP</b>
<b>NGC 5549</b> 18"	<b>Vir</b> 8mm Ds	<b>H552-3</b> PF,PS,OVAL,MET,FNUC,R=F	<b>Galaxy S0</b>	<b>VF,VS,R</b>
<b>NGC 5812</b> 18"	<b>Lib</b> 8mm Ds	<b>H71-1</b> PF,PS,R,FNUC,R=F	<b>Galaxy E0</b>	<b>CB,S,R,SVMBM</b>
<b>NGC 5816</b> 18"	<b>Lib</b> 8mm Ds	<b>Galaxy</b> PF,PS,OVAL,UB,NND,R=F		<b>F,PS,GBMN,STELLAR</b>
<b>NGC 5817</b> 18"	<b>Lib</b> 8mm Ds	<b>Galaxy S0</b> VF,VS,R,UB,NND,AV2,R=P		<b>VF,PS</b>
<b>NGC 5849</b> 18"	<b>Lib</b> 8mm Ds	<b>Galaxy S0</b> VF,VS,R,UB,NND,AV1,R=P		<b>*13INVF NEB,3*P1S</b>
<b>NGC 5880</b> 18"	<b>Lib</b> 8mm Ds	<b>Galaxy E</b> VF,VS,R,UB,NND,R=F,	MEGASTAR STAYS 15.5 MAGNITUDE.	<b>EF,VS,R,BM,NR 5883</b> NGC/IC SAYS 14.3 MAG.
<b>NGC 5883</b> 18"	<b>Lib</b> 8mm Ds	<b>Galaxy S0</b> VF,VS,OVAL,UB,NND, R=F		<b>NO DESCRIPTION</b>
<b>NGC 6703</b> 18"	<b>Lyr</b> 8mm Ds	<b>Galaxy SA0-</b> F,PS,R,FNUC,R=G,	SOME SPIRAL STRUCTURE NOTED.	<b>B,S,R,MBM</b>
<b>NGC 6720</b> 18"	<b>Lyr</b> 8mm Ds	<b>M57</b> EYE CANDY.	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>

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<b>March 30, 2014</b>		<b>Hidden Hollow - RAS</b>			
<b>IC</b>	<b>3259</b>	<b>Vir</b>		<b>Galaxy SAB(s)dm?</b>	
	18"	7mm TV	VF,VS,OVAL,UB,NND,AV1,R=P		
<b>NGC</b>	<b>2913</b>	<b>Leo</b>		<b>Galaxy S?</b>	<b>VF,PL,IR</b>
	18"	7mm TV	VF,VS,OVAL,MEXT,NND,R=F		
<b>NGC</b>	<b>3034</b>	<b>UMa</b>	<b>M82 H79-4</b>	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
	28"	17mmAT	SUPER NOVA IN M-82. NEAT TO SEE. M-82 LOOKED GREAT WITH THE DUST LANES		
<b>NGC</b>	<b>3044</b>	<b>Sex</b>	<b>H254-3</b>	<b>Galaxy SB(s)c? sp</b>	<b>VF,VL,VME122</b>
	28"	7mm TV	SUPER WITH IMAGE INTENSIFIER. SOME DETAIL IN CORE DEFINITION COMES AND GOES		
<b>NGC</b>	<b>3044</b>	<b>Sex</b>	<b>H254-3</b>	<b>Galaxy SB(s)c? sp</b>	<b>VF,VL,VME122</b>
	18"	7mm TV	B,PS,EON,UB,NND,R=G,PA=145,REALLY NICE		
<b>NGC</b>	<b>3365</b>	<b>Sex</b>		<b>Galaxy Scd: sp</b>	<b>EF,L,EE159,VGVLBM</b>
	18"	7mm TV	PF,PS,EON,UB,NND,R=F,PA=150		
<b>NGC</b>	<b>3424</b>	<b>LMI</b>	<b>H494-2</b>	<b>Galaxy SB(s)b:?</b>	<b>PF,PL,LE,SP OF 3</b>
	18"	7mm TV	DIFF,PF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>3662</b>	<b>Leo</b>	<b>H4-4</b>	<b>Galaxy SAB(r)bc pec</b>	<b>VF,S,ATT TO*13M</b>
	18"	7mm TV	VF,VS,OVAL,NND,R=F		
<b>NGC</b>	<b>3678</b>	<b>Leo</b>		<b>Galaxy Sbc</b>	<b>VF,S,R,PSBM,*12NF</b>
	18"	7mm TV	VF,VS,OVAL,NND,AV3,R=P		
<b>NGC</b>	<b>3679</b>	<b>Leo</b>	<b>H112-3</b>	<b>Galaxy Sbc</b>	<b>EF,CL,R,R,VNR VB*</b>
	18"	7mm TV	VF,VS,OVAL,NND,AV1,R=P		
<b>NGC</b>	<b>3697</b>	<b>Leo</b>		<b>Galaxy SABb</b>	<b>EF,VS,E90</b>
	18"	7mm TV	VF,VS,EON,UB,NND,AV1,R=F,PA=95		
<b>NGC</b>	<b>3701</b>	<b>Leo</b>	<b>H349-2</b>	<b>Galaxy Sbc</b>	<b>PF,PL,LE</b>
	18"	7mm TV	VF,PS,OVAL,MEXT,UB,NND,AV,R=F,PA=135		
<b>NGC</b>	<b>3760</b>	<b>Leo</b>		<b>Non-Existent</b>	<b>B,PS,MBMN=*13,*11 NR</b>
	18"	7mm TV	B,PS,EON,BNUC,R=G,PA=45		
<b>NGC</b>	<b>4341</b>	<b>Vir</b>	<b>H95-3</b>	<b>Galaxy SAB(s)0^ sp</b>	<b>EF,VS,R</b>
	18"	7mm TV	PF,PS,EON,UB,NND,R=F		
<b>NGC</b>	<b>4342</b>	<b>Vir</b>	<b>H96-3</b>	<b>Galaxy S0- sp</b>	<b>EF,VS,R</b>
	18"	7mm TV	PF,PS,OVAL,BNUC,R=F		
<b>NGC</b>	<b>4343</b>	<b>Vir</b>	<b>H94-3</b>	<b>Galaxy SA(rs)b:</b>	<b>PF,S,E,(D)</b>
	18"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F		
<b>NGC</b>	<b>4348</b>	<b>Vir</b>	<b>H625-2</b>	<b>Galaxy SAbc: sp</b>	<b>F,PL,E70,VLBM</b>
	18"	7mm TV	PF,PS,EON,UB,NND,R=F,PA=40		
<b>NGC</b>	<b>4350</b>	<b>Com</b>	<b>H86-2</b>	<b>Galaxy SA0 sp</b>	<b>CB,VS,ME,VSBM</b>
	18"	7mm TV	VF,PS,OVAL,UB,NND,AV,R=P		
<b>NGC</b>	<b>4351</b>	<b>Vir</b>		<b>Galaxy SBab/</b>	<b>F,PL,IR,BM</b>
	18"	7mm TV	DIFF,PF,PS,OVAL,UB,NND,R=F		

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<b>NGC 4352</b> 18"	<b>Vir</b> 7mm TV	<b>H64-2</b> PF,PS,OVAL,PEXT,FNUC,R=G	<b>Galaxy SA0: sp</b>	<b>CF,CS,LE</b>
<b>NGC 4370</b> 18"	<b>Vir</b> 7mm TV	<b>H144-2</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy Sa sp</b>	<b>PF,PS,LE,BM</b>
<b>NGC 4385</b> 18"	<b>Vir</b> 7mm TV	<b>Galaxy SB(rs)0+:</b> PF,PS,OVAL,MEXT,UB,NND,R=F		<b>VF,VS,ALM STELL</b>
<b>NGC 4403</b> 18"	<b>Vir</b> 7mm TV	<b>H755-3</b> PF,PS,OVAL,PEXT,UB,NND,R=F,PAIRED W/NGC-4404	<b>Galaxy SA(r)ab pec sp</b>	<b>VF,VS,E</b>
<b>NGC 4404</b> 18"	<b>Vir</b> 7mm TV	<b>H756-3</b> PF,PS,OVAL,UB,NND,R=F,PAIRED W/NGC-4403	<b>Galaxy SA(r)0- pec:</b>	<b>VF,VS,E</b>
<b>NGC 4410A</b> 18"	<b>Vir</b> 7mm TV	<b>Non-Existent</b> VF,PS,R,UB,NND,R=F,PAIRED W/NGC-4410B		
<b>NGC 4410B</b> 18"	<b>Vir</b> 7mm TV	<b>Non-Existent</b> VF,PS,R,UB,NND,R=F,PAIRED W/NGC-4410A		
<b>NGC 4411A</b> 18"	<b>Vir</b> 7mm TV	<b>Galaxy SBdm</b> VF,PS,OVAL,UB,NND,AV,R=F		
<b>NGC 4411B</b> 18"	<b>Vir</b> 7mm TV	<b>Non-Existent</b> PF,PS,OVAL,UB,NND,R=F		
<b>NGC 4413</b> 18"	<b>Vir</b> 7mm TV	<b>H169-2</b> PF,PS,OVAL,UB,ND,R=F	<b>Non-Existent</b>	<b>CF,S,GBM,2ST N,NP</b>
<b>NGC 4420</b> 18"	<b>Vir</b> 7mm TV	<b>H23-2</b> PF,PS,OBVAL,MEXT,UB,NND,R=F	<b>Non-Existent</b>	<b>F,PL,LE,R,(=4409)</b>
<b>PGC 27681</b> 18"	<b>Leo</b> 7mm TV	<b>Galaxy Sb</b> VF,PS,EON,NND,AV,R=F,PA=130		
<b>PGC 40602</b> 18"	<b>Vir</b> 7mm TV	<b>Galaxy S?</b> VF,VS,R,UB,NND,R=F		

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<b>IC</b>	<b>1398</b>	<b>Peg</b>	<b>Galaxy Sc</b>	
	36"	17mmT4	PF,PS,R,UB,NND,R=F	
<b>IC</b>	<b>1461</b>	<b>Peg</b>	<b>Galaxy S?</b>	
	36"	17mmT4	PF,PS,OVAL,FNUC,R=F	
<b>IC</b>	<b>1478</b>	<b>Peg</b>	<b>Galaxy Sb</b>	<b>VF, S, DIF</b>
	36"	17mmT4	CF,CS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>5254</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>5305</b>	<b>Peg</b>	<b>Galaxy S</b>	
	36"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>5309</b>	<b>Psc</b>	<b>Galaxy Sb</b>	
	36"	17mmT4	PF,PS,EON,UB,NND,AV,R=F,PA=34	
<b>MAC</b>	<b>2257+1454</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,R,UB,NND,R=F	
<b>MAC</b>	<b>2257+1457</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,R,NND,AV2,R=F	
<b>MAC</b>	<b>2319+0930</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,OVAL,UB,NND,AV,R=F	
<b>MAC</b>	<b>2340+2710A</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,R,UB,NND,R=F	
<b>MAC</b>	<b>2345+2728</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,OVAL,NND,R=F	
<b>NGC</b>	<b>7370</b>	<b>Peg</b>	<b>Galaxy</b>	<b>EF,VS</b>
	36"	17mmT4	VF,VS,OVAL,NND,R=F	
<b>NGC</b>	<b>7374</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>VF,PL,R</b>
	36"	17mmT4	CF,CS,OVAL,FNUC,R=F,PAIRED W/PGC-69675	
<b>NGC</b>	<b>7375</b>	<b>Peg</b>	<b>Galaxy S(r)0</b>	<b>EF,VS,R</b>
	36"	17mmT4	CF,CS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>7409</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>EF</b>
	36"	17mmT4	CF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7411</b>	<b>Peg</b>	<b>Galaxy E:</b>	<b>VF,VS</b>
	36"	17mmT4	CF,CS,OVAL,FNUC,R=G	
<b>NGC</b>	<b>7415</b>	<b>Peg</b>	<b>Galaxy Sab</b>	<b>EF</b>
	36"	17mmT4	PF,PS,OVAL,UB,NND,R=F,PAIRED W/PGC-69984	
<b>NGC</b>	<b>7427</b>	<b>Peg</b>	<b>Galaxy Compact</b>	<b>F,S,*9SF4'</b>
	36"	17mmT4	CF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>7430</b>	<b>Peg</b>	<b>Galaxy S</b>	<b>EF,VS</b>
	36"	17mmT4	CF,PS,OVAL,FNUC,R=F	

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<b>NGC 7432</b> 36"	<b>Peg</b> 17mmT4	<b>H465-3</b> CF,CS,OVAL,UB,NND,R=G	<b>Galaxy E</b>	<b>EF,S,R</b>
<b>NGC 7437</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy SAB(rs)d</b> DIFF,CF,PS,R,UB,NND,R=F		<b>EEF,L,R,F*NRNF,</b>
<b>NGC 7578A</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy S0^ pec</b> PF,PS,OVAL,UB,NND,R=F,PAIRED W/NGC-7578B		<b>VF,AM VS ST</b>
<b>NGC 7578B</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy E1:</b> PF,PS,R,UB,NND,R=F,PAIRED W/NGC-7578A		
<b>NGC 7588</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy S</b> PF,PS,OVAL,UB,NND,R=F		<b>EF,ES</b>
<b>NGC 7594</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy S?</b> PF,PS,OVAL,UB,NND,R=F		<b>PF,R,3ST P</b>
<b>NGC 7597</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy S?</b> PF,PS,R,UB,NND,R=F		<b>EF,VS,GBM</b>
<b>NGC 7598</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy E</b> PF,PS,OVAL,UB,NND,R=F		<b>EF,ES,STELLAR</b>
<b>NGC 7601</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy SAB(s)c:</b> CF,PS,OVAL,UB,NND,R=F		<b>PB,DIF</b>
<b>NGC 7602</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy S?</b> PF,PS,R,UB,NND,R=F		<b>EF,ES,STELLAR</b>
<b>NGC 7608</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy S?</b> CF,PS,EON,UB,NND,R=F,PA=22		<b>VF,PS,LE,LBM</b>
<b>NGC 7609</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy Pec</b> CF,PS,OVAL,UB,NND,R=F		<b>VF,VS,GBM</b>
<b>NGC 7611</b> 36"	<b>Psc</b> 17mmT4	<b>Galaxy SB0+:</b> CF,CS,OVAL,VEXT,BNUC,R=F		<b>F,S,R,TRIW/2*19N</b>
<b>NGC 7615</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy Sb?</b> PF,PS,OVAL,MEXT,UB,NND,R=F		<b>EF,CS</b>
<b>NGC 7641</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy</b> PF,PS,EON,UB,NND,R=F,PA=135		<b>VF,S,IR,DIF,LBM</b>
<b>NGC 7643</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy S?</b> PF,PS,OVAL,MEXT,NND,R=G		<b>F,PS,IR,DIF,LBM</b>
<b>NGC 7726</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy SB(s)b</b> DIFF,,PF,CS,OVAL,MEXT,NND,R=F		<b>EEF,PS,R,VDIFFIC</b>
<b>NGC 7728</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy E</b> CFR,CS,OVAL,MEXT,FNUC,R=G		<b>VF,VS,LE,*10SP</b>
<b>NGC 7729</b> 36"	<b>Peg</b> 17mmT4	<b>Galaxy Sa</b> CF,PS,EON,UB,NND,R=F,PA=7		<b>VF,S,IE,F*INV S</b>

## Observations Listing by Date

**November 3, 2013 Hidden Hollow - RAS**

<b>NGC</b>	<b>7735</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>VF,S,VLE,*13NF VNR</b>
	36"	17mmT4	CF,CS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>7737</b>	<b>Peg</b>	<b>Galaxy S0/a</b>	<b>VF,S,MBMN</b>
	36"	17mmT4	CF,PS,OVAL,MEXT,FNUC,R=G	
<b>NGC</b>	<b>7747</b>	<b>Peg</b>	<b>Galaxy (R')SB(s)b</b>	<b>VF,VS,IR</b>
	36"	17mmT4	PF,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>7752</b>	<b>Peg</b>	<b>Galaxy I0:</b>	<b>F,S,LE,P 7753</b>
	36"	17mmT4	CF,CS,OVAL,MEXT,FNUC,R=F	
<b>PGC</b>	<b>69675</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	PF,PS,OVAL,FNUC,R=F,PAIRED W/NGC-7374	
<b>PGC</b>	<b>69955</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,R,NND,R=F	
<b>PGC</b>	<b>69984</b>	<b>Peg</b>	<b>Galaxy S</b>	
	36"	17mmT4	PF,PS,OVAL,UB,NND,R=F,PAIRED W/NGC-7415	
<b>PGC</b>	<b>70111</b>	<b>Peg</b>	<b>Galaxy C</b>	
	36"	17mmT4	VF,VS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>70115</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>70136</b>	<b>Peg</b>	<b>Galaxy S</b>	
	36"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>70162</b>	<b>Peg</b>	<b>Galaxy S</b>	
	36"	17mmT4	VF,PS,R,UB,NND,AV1,R=F	
<b>PGC</b>	<b>70175</b>	<b>Peg</b>	<b>Galaxy Sdm:</b>	
	36"	17mmT4	VF,CS,EON,UB,NND,R=F,PA=30	
<b>PGC</b>	<b>70180</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	PF,PS,R,UB,NND,R=F	
<b>PGC</b>	<b>70247</b>	<b>Peg</b>	<b>Galaxy Sc</b>	
	36"	17mmT4	CF,PS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>70598</b>	<b>And</b>	<b>Galaxy Compact</b>	
	36"	17mmT4	VF,VS,OVAL,UB,NND,AV2,R=F	
<b>PGC</b>	<b>71054</b>	<b>Peg</b>	<b>Galaxy S</b>	
	36"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>71080</b>	<b>Peg</b>	<b>Galaxy S?</b>	
	36"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>71085</b>	<b>Peg</b>	<b>Galaxy Dwarf?</b>	
	36"	17mmT4	VF,VS,OVAL,PEXT,UB,NND,AV2,R=F	
<b>PGC</b>	<b>71120</b>	<b>Psc</b>	<b>Galaxy Sm:</b>	
	36"	17mmT4	VF,CS,R,UB,NND,AV3,R=P	

## Observations Listing by Date

**November 3, 2013 Hidden Hollow - RAS**

**PGC 72179 Peg Galaxy S?**  
36" 17mmT4 PF,PS,OVAL,UB,NND,R=F

**PGC 72341 Peg Galaxy C**  
36" 17mmT4 PF,VS,OVAL,UB,NND,R=F

**PGC 72346 Peg Galaxy Sd**  
36" 17mmT4 VF,VS,R,UB,NND,R=F

**September 27, 2013 Hidden Hollow - RAS**

**NGC 7068 Peg Galaxy Sc VF,CLOSE TO A S\***  
18" 7mm TV PF,PS,OVAL,MEXT,UB,NND,R=F

**NGC 7074 Peg Galaxy C VF,S,E**  
18" 7mm TV VF,VS,EON,UB,NND,R=F

**NGC 7372 Peg Galaxy S? F,S,IR**  
18" 7mm TV PF,PS,R,UB,NND,R=F

**NGC 7373 Peg Galaxy SAB(s)0^? F,VS,BM,STELLAR**  
18" 7mm TV VF,PS,R,UB,NND,R=F

**NGC 7387 Peg Galaxy S0-: EF,VS,R,2\*11S**  
18" 8.8 ES PF,PS,OVAL,UB,NND,R=F

**NGC 7389 Peg Galaxy SB0 VF,R**  
18" 8.8 ES PF,PS,OVAL,MEXT,UB,NND,R=F

**September 6, 2013 Hidden Hollow - RAS**

**NGC 7347 Peg Galaxy S? EF,PL,E**  
18" 7mm TV PF,PS,EON,UB,NND,R=F

**NGC 7360 Peg Galaxy S? EF,VS**  
18" 7mm TV PF,PS,OVAL,UB,NND,R=F



## Observations Listing by Date

July 13, 2013

Hidden Hollow - RAS

ABELL 36	Vir	Planetary Neb	
18"	11mm T6	VF,VS,R=F.	NO CENTRAL STAR NOTED. USED OIII FILTER.
NGC 205	And	M110 H18-5	Galaxy E5 pec
18"	35mm A	MORE EYE CANDY	VB,VL,ME165,VGVMBM
NGC 221	And	M32	Galaxy cE2
18"	35mm A	MORE EYE CANDY	VVB,L,R,PSMBMN
NGC 224	And	M31	Galaxy SA(s)b
18"	35mm A	MORE EYE CANDY	EEB,EL,VME,ANDROMEDA 17
NGC 2957A	Dra		Galaxy E1:
18"	7mm TV	VF,VS,OVAL,PEXT,NND,R=P	EF,*13NR
NGC 2957B	Dra		Galaxy E
18"	7mm TV	VF,VS,OVAL,PEXT,NND,R=P	
NGC 2963	Dra	H315-3	Galaxy SBab
18"	7mm TV	PF,PS,OVAL,PEXT,UB,NND,R=F	VF,VS,R,BM
NGC 3144	Dra		Non-Existent
18"	7mm TV	VF,PS,OVAL,MEXT,UB,NND,R=F	VF,S,R,*13ATT F
NGC 3197	Dra	H966-3	Galaxy Sbc
18"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F	VF,VS
NGC 3212	Dra	H980-3	Galaxy SB?
18"	7mm TV	VF,PS,OVAL,MEXT,UB,NND,R=F,PAIRED W/NGC-3215	VF,S,2ND OF 3
NGC 3215	Dra	H981-3	Galaxy S?
18"	7mm TV	VF,PS,PEXT,UB,NND,R=F,PAIRED W/NGC-3212	VF,S,3RD OF 3
NGC 3252	Dra	H316-3	Galaxy SBd? sp
18"	7mm TV	PF,PS,EON,UB,NND,R=F,PA=35	EF,PS,ME,R
NGC 3343	Dra	H317-3	Galaxy E
18"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F	PF,S,R,GBM
NGC 3465	Dra	H967-3	Non-Existent
18"	7mm TV	VF,PS,OVAL,MEXT,UB,NND,R=F	EF,PL,R,VGLBM,**NF
NGC 3523	Dra	H904-2	Galaxy Sbc
18"	7mm TV	VF,PS,R,UB,NND,AV,R=F	F,PL,LBM,
NGC 3587	UMa	M97	Planetary Neb 3a
18"	7mm TV	MORE EYE CANDY	PLN,VB,VL,R,VVG,VSBM
NGC 3736	Dra		Galaxy Sb
18"	7mm TV	PF,PS,OVAL,NND,AV,R=F	VF,VS,R
NGC 3752	Dra	H905-2	Galaxy Sab
18"	7mm TV	PF,PS,OVAL,MEXT,NND,R=F	PB,PL
NGC 3890	Dra	H940-3	Galaxy S?
18"	7mm TV	VF,VS,OVAL,UB,NND,AV1,R=F	VF,S,R,BM

## Observations Listing by Date

July 13, 2013

Hidden Hollow - RAS

NGC	3961	Dra	H905-3	Galaxy (R)SB(r)a:	EF,VS
	18"	7mm TV		VF,VS,OVAL,NND,AV2,R=F	
NGC	4034	Dra	H903-3	Galaxy Scd:	EF,S,IF,GVLBM
	18"	7mm TV		VF,PS,OVAL,MEXT,UB,NND,R=F	
NGC	4120	Dra	H904-3	Galaxy SA(rs)cd:	EF,VS,E
	18"	7mm TV		VF,PS,EON,UB,NND,R=F	
NGC	5194	CVn	M51	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
	18"	7mm TV		MORE EYE CANDY - WHIRLPOOL GALAXY	
NGC	5195	CVn	H186-1	Galaxy I0 pec	B,PS,LE,VGBM,INV-M51
	18"	7mm TV		MORE EYE CANDY - MAYTAG GALAXY	
NGC	6121	Sco	M4	Globular	CL,8OR10B*LINE,RRR
	18"	7mm TV		MORE EYE CANDY	
NGC	6618	Sgr	M17	Nebula EN+OC	B,EL,EIF,2HOOKED
	18"	7mm TV		THE SWAN - OIII FILTER	
NGC	6720	Lyr	M57	Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA
	18"	7mm TV		EYE CANDY	
NGC	7078	Peg	M15	Globular	GCL,VB,VL,IR,VSMBM
	18"	7mm TV		MORE EYE CANDY	
NGC	7317	Peg		Galaxy E4	VF,VS
	18"	5mm TV		STEPHAN'S QUINTET	
NGC	7318B	Peg		Galaxy SB(s)bc pec	EF,ES
	18"	5mm TV		STEPHAN'S QUINTET	
NGC	7318A	Peg		Galaxy E2 pec	EF,ES
	18"	5mm TV		STEPHAN'S QUINTET	
NGC	7319	Peg		Galaxy SB(s)bc pec	EF,ES
	18"	5mm TV		STEPHAN'S QUINTET	
NGC	7320	Peg		Galaxy SA(s)d	F,VS
	18"	5mm TV		STEPHAN'S QUINTET	
NGC	7320C	Peg		Galaxy (R)SAB(s)0/a	
	18"	5mm TV		VF,VS,R,UB,NND,AV2,R=F	
NGC	7331	Peg	H53-1	Galaxy SA(s)b	B,PL,PME163,SMBM
	18"	7mm TV		EYE CANDY. ALWAYS GREAT TO LOOK AT.	
PGC	33277	Dra		Galaxy Sab	
	18"	7mm TV		VF,VS,OVAL,UB,NND,AV,R=P	

## Observations Listing by Date

**March 8, 2013****Hidden Hollow - RAS**

<b>IC</b>	<b>520</b>	<b>Cam</b>	<b>Galaxy SAB(rs)ab?</b>	
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>676</b>	<b>Leo</b>	<b>Galaxy (R)SB(r)0+</b>	
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>677</b>	<b>Leo</b>	<b>Galaxy Sbc</b>	
	18"	7mm TV	PF,PS,OVAL,PEXT,UB,NND,R=F	
<b>IC</b>	<b>2389</b>	<b>Cam</b>	<b>Galaxy SB(s)b?</b>	
	18"	7mm TV	PF,VS,EON,,UB,NND,R=F	
<b>NGC</b>	<b>2633</b>	<b>Cam</b>	<b>Galaxy SB(s)b</b>	<b>F,S,LE</b>
	18"	7mm TV	PF,VS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>2634</b>	<b>Cam</b>	<b>Galaxy E1:</b>	<b>F,S,LE</b>
	18"	7mm TV	VF,VS,R,UB,NND,R=F	
<b>NGC</b>	<b>2646</b>	<b>Cam</b>	<b>Galaxy SB(r)0^:</b>	<b>VF,S,2F*2.5'SF</b>
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>2715</b>	<b>Cam</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,L,E</b>
	18"	7mm TV	PF,PS,OVAL,PET,UB,NND,R=F	
<b>NGC</b>	<b>3563B</b>	<b>Leo</b>	<b>Galaxy S0-a</b>	
	18"	8.8 ES	VF,PS,OVA,,UB,NND,R=F, PAIRED W/NGC-3563A	
<b>NGC</b>	<b>3567</b>	<b>Leo</b>	<b>H89-3 Galaxy S0 pec</b>	<b>EF,R,SBM,R</b>
	18"	8.8 ES	VF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3574</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>EF</b>
	18"	8.8 ES	VF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>3592</b>	<b>Leo</b>	<b>Galaxy Sc? sp</b>	<b>EF,S,PME60</b>
	18"	8.8 ES	PF,PS,EON,UB,NND,R=F	
<b>PGC</b>	<b>24978</b>	<b>Cam</b>	<b>Galaxy Dwarf Irr</b>	
	18"	7mm TV	VF,VS,OVAL,UB,NND,AV,R=F	

## Observations Listing by Date

**December 13, 2012 Hidden Hollow - RAS**

<b>IC</b>	<b>293</b>	<b>Per</b>	<b>Galaxy E-S0</b>	
	18"	7mm TV	VF,VS,R,UB,NND,R=F	
<b>IC</b>	<b>301</b>	<b>Per</b>	<b>Galaxy E</b>	
	18"	8.8 ES	PF,PS,R,FNUC,AV,R=F,NUCLEUS POPS IN/OUT WITH AV.	
<b>IC</b>	<b>309</b>	<b>Per</b>	<b>Galaxy SA(s)0^</b>	
	18"	7mm TV	PF,PS,R,FNUC,R=F	
<b>IC</b>	<b>329</b>	<b>Tau</b>	<b>Galaxy S?</b>	
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>330</b>	<b>Tau</b>	<b>Galaxy Sab</b>	
	18"	7mm TV	VF,VS,OVAL,PEXT,UB,NND,AV,R=F	
<b>IC</b>	<b>331</b>	<b>Tau</b>	<b>Galaxy S?</b>	
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
<b>IC</b>	<b>1918</b>	<b>Tau</b>	<b>Galaxy</b>	
	18"	7mm TV	VF,VS,OVAL,UB,NND,AV,R=F	
<b>IC</b>	<b>1931</b>	<b>Tau</b>	<b>Galaxy D</b>	
	18"	7mm TV	VF,VS,R,UB,NND,AV3,R=P	
<b>MAC</b>	<b>0310+4200</b>	<b>Per</b>	<b>Galaxy</b>	
	18"	8.8 ES	VFR,VS,R,NND,AV3,R=P	
<b>NGC</b>	<b>1224</b>	<b>Per</b>	<b>Galaxy S0-:</b>	<b>EF,VS,R</b>
	18"	7mm TV	PF,PS,R,FNUC,R=G	
<b>NGC</b>	<b>1250</b>	<b>Per</b>	<b>Galaxy S0^: sp</b>	<b>VF,VS,R</b>
	18"	7mm TV	PF,PS,OVAL,PEXT,FNUC,R=F	
<b>NGC</b>	<b>1257</b>	<b>Per</b>	<b>Galaxy Sa</b>	<b>STELLAR NEB</b>
	18"	7mm TV	PF,PS,OVAL,VEXT,UB,NND,R=F	
<b>NGC</b>	<b>1259</b>	<b>Per</b>	<b>Galaxy S0</b>	<b>VF,S,R,VLBM</b>
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>1260</b>	<b>Per</b>	<b>Galaxy S0/a: sp</b>	<b>VF,S,R</b>
	18"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>1264</b>	<b>Per</b>	<b>Galaxy SBa-b</b>	<b>VF,S,VLBM</b>
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>1349</b>	<b>Tau</b>	<b>Galaxy S0</b>	<b>EEF,S,R,BET2*</b>
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>7543</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>VF,S,R,LBM</b>
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7547</b>	<b>Peg</b>	<b>Galaxy (R')SAB(s)0/a p</b>	<b>VF,S,IR</b>
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7559</b>	<b>Peg</b>	<b>Non-Existent</b>	
	18"	7mm TV	VF,PS,OVAL,UB,NND,AV1,R=F	

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## December 13, 2012 Hidden Hollow - RAS

NGC	7568	Peg	Galaxy S?	EF,PL,IR,SEV ST INV
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
PGC	11863	Per	Galaxy S0?	
	18"	8.8 ES	VF,VS,OVAL,UB,NND,R=F	
PGC	11982	Per	Galaxy S?	
	18"	7mm TV	VF,PS,OVAL,NND,AV,R=P	
PGC	12004	Per	Galaxy	
	18"	7mm TV	VF,VS,OVAL,PEXT,UB,NND,R=F	
PGC	12038	Per	Galaxy S0:	
	18"	7mm TV	VF,VS,OVAL,PEXT,FNUC,R=F	
PGC	12039	Per	Galaxy	
	18"	7mm TV	PF,CS,OVAL,MEXT,FNUC,R=F	
PGC	12073	Per	Galaxy Dwarf	
	18"	7mm TV	VF,PS,OVAL,MEXT,NND,AV4,R=P	
PGC	12081	Per	Galaxy (R')SB(s)b	
	18"	8.8 ES	PF,VS,OVAL,UB,NND,R=F	
PGC	12089	Per	Galaxy Scd:	
	18"	8.8 ES	VF,VS,R,UB,NND,R=F	
PGC	12092	Per	Galaxy S0/a	
	18"	8.8 ES	PF,PS,OVAL,MEXT,UB,ND,R=F	
PGC	12097	Per	Galaxy	
	18"	7mm TV	VF,VS,R,UB,NND,AV2,R=P	
PGC	12132	Per	Galaxy SAB(s)d	
	18"	7mm TV	DIFF,VF,PS,OVAL,PEXT,UB,NND,R=F	
PGC	12133	Per	Galaxy Sab	
	18"	7mm TV	PF,VS,OVAL,PEXT,UB,NND,R=F	
PGC	12185	Per	Galaxy Sa?	
	18"	7mm TV	PF,PS,EON,UB,NND,R=F	
PGC	12254	Per	Galaxy	
	18"	7mm TV	VF,PS,R,UB,NND,R=F	

## Observations Listing by Date

**December 12, 2012 Hidden Hollow - RAS**

<b>B</b>	<b>33</b>	<b>Ori</b>	<b>Nebula Ir</b>	
	36"	31mmT5	OUTSTANDING OBJECT W/HYDROGEN-BETA FILTER.AND VERY GOOD TRANSPARENCY.	
<b>IC</b>	<b>2</b>	<b>Cet</b>	<b>Galaxy Sb</b>	
	36"	17mmT4	VF,VS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>3</b>	<b>Psc</b>	<b>Galaxy E/S0</b>	
	36"	17mmT4	PG,PD,OVAL,MEXT,FNUC,R=F	
<b>IC</b>	<b>101</b>	<b>Psc</b>	<b>Galaxy S?</b>	
	36"	17mmT4	VF,VS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>102</b>	<b>Psc</b>	<b>Galaxy S0/a</b>	
	36"	17mmT4	VF,VS,OVAL,MEXT,UB,NND,R=F	
<b>IC</b>	<b>114</b>	<b>Psc</b>	<b>Galaxy S0</b>	
	36"	17mmT4	PF,PS,OVAL,UUD,R=F,BRIGHTER TOWARDS THE MIDDLE	
<b>IC</b>	<b>176</b>	<b>Cet</b>	<b>Galaxy Sc:</b>	
	36"	17mmT4	VF,PS,EON,UB,NND,R=P,PA=95	
<b>IC</b>	<b>194</b>	<b>Cet</b>	<b>Galaxy Sb: sp</b>	
	36"	17mmT4	VFR,VS,EON,UB,NND,R=P,PA=10	
<b>IC</b>	<b>1815</b>	<b>Tri</b>	<b>Galaxy SB0</b>	
	36"	17mmT4	PF,PS,OVAL,FNUC,R=G	
<b>MAC</b>	<b>0149+3237</b>	<b>Tri</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,OVAL,UB,NND,R=P	
<b>MAC</b>	<b>0237+0716</b>	<b>Cet</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,R,NND,AV2,R=F	
<b>NGC</b>	<b>12</b>	<b>Psc</b>	<b>H868-3 Galaxy SAB(rs)c:</b>	<b>EF,PL,VGLBM</b>
	36"	17mmT4	PF,PS,R,NND,R=F,15TH MAG STAR TO WEST,BRIGHTER TOWARDS THE MIDDLE.	
<b>NGC</b>	<b>17</b>	<b>Cet</b>	<b>Galaxy Pec</b>	<b>VF,ES,IR,D*2'P</b>
	36"	17mmT4	PB,PS,OVAL,PEXT,BNUC,R=G	
<b>NGC</b>	<b>35</b>	<b>Cet</b>	<b>Galaxy Sb</b>	<b>EEF,PS,R</b>
	36"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>36</b>	<b>Psc</b>	<b>H456-3 Galaxy SAB(rs)b</b>	<b>VF,PS,IF</b>
	36"	17mmT4	VF,VS,R,FNUC,R=F,SOME SPIRAL STRUTURE ON ARMS	
<b>NGC</b>	<b>38</b>	<b>Psc</b>	<b>Galaxy (R)SAa:</b>	<b>F,S,R,MBM</b>
	36"	17mmT4	PF,PS,R,FRNUC,R=F	
<b>NGC</b>	<b>45</b>	<b>Cet</b>	<b>Galaxy SA(s)dm</b>	<b>EF,L,VGVLBM,L*CONT F</b>
	36"	17mmT4	DIFF,PF,PS,OVAL,UB.,NND,R=F	
<b>NGC</b>	<b>47</b>	<b>Cet</b>	<b>Galaxy SBbc</b>	<b>VF,VS</b>
	36"	17mmT4	PF,PS,R,FNUC,R=F,AKA NGC-58	
<b>NGC</b>	<b>50</b>	<b>Cet</b>	<b>Galaxy S0- pec</b>	<b>VF</b>
	36"	17mmT4	PF,PS,R,BNUC,R=F	

## Observations Listing by Date

## December 12, 2012 Hidden Hollow - RAS

<b>NGC 522</b> 36"	<b>Psc</b> 17mmT4	<b>Galaxy Sbc: sp</b> PF,PS,,EON,UB,NND,R=G,PA=45,SLIGHT BULGE	<b>EF,PL,IF,(CL+NEB)</b>
<b>NGC 525</b> 36"	<b>Psc</b> 17mmT4	<b>Galaxy S0</b> PF,PS,OVAL,MEXT,UB,NND,R=F	<b>VF,VS,*11.12P5S</b>
<b>NGC 973</b> 36"	<b>Tri</b> 17mmT4	<b>Galaxy Sb</b> PF,PS,EON,UB,NND,R=G,PA=45	<b>EEF,S,ME,PB*NR SP</b>
<b>NGC 997</b> 36"	<b>Cet</b> 17mmT4	<b>Galaxy E</b> PF,PS,OVAL,MEXT,FNUC,HSB,R=G	<b>F,S</b>
<b>NGC 998</b> 36"	<b>Cet</b> 17mmT4	<b>Galaxy S</b> PF,PS,OVAL,UB,NND,R=F	<b>VF</b>
<b>NGC 1110</b> 36"	<b>Eri</b> 17mmT4	<b>Galaxy SB(s)m: sp</b> PF,PS,EON,UB,NND,R=F	<b>EF,PL,E348</b>
<b>NGC 1145</b> 36"	<b>Eri</b> 17mmT4	<b>Galaxy Sc: sp</b> PF,PS,E3ON,UB,NND,R=F,PA=18	<b>F,PL,PME,2S* F</b>
<b>NGC 1163</b> 36"	<b>Eri</b> 17mmT4	<b>Galaxy SBbc? sp</b> PF,PS,EON, FNUC,R=F,PA=140	<b>VF,PS,ME75</b>
<b>NGC 2359</b> 36"	<b>CMa</b> 17mmT4	<b>H21-5 Nebula E</b> OUSTANDING OBJECT WOIII FILTER AND VERY GOOD TRANSPARENCY.	<b>VF,VVL,VIF</b>
<b>PGC 797</b> 36"	<b>Psc</b> 17mmT4	<b>Galaxy S</b> VF,VS,OVAL,UB,NND,R=F, COMPANION OF NGC-36	
<b>PGC 873</b> 36"	<b>Psc</b> 17mmT4	<b>Galaxy SBb</b> VF,VS,OVAL,UB,NND,R=F	
<b>PGC 971</b> 36"	<b>Cet</b> 17mmT4	<b>Galaxy S0</b> PF,VSW,OVAL,UB,NND,R=-F	
<b>PGC 972</b> 36"	<b>Cet</b> 17mmT4	<b>Galaxy</b> VF,VS,OVAL,UB,NND,R=F	
<b>PGC 1942</b> 36"	<b>ScI</b> 17mmT4	<b>Galaxy Sc sp</b> PF,VS,EON,UB,NND,R=F,PA=70	
<b>PGC 2458</b> 36"	<b>And</b> 17mmT4	<b>Galaxy Scd:</b> VF,VS,EON,UB,NND,R=F,PA=45	
<b>PGC 2526</b> 36"	<b>Cet</b> 17mmT4	<b>Galaxy SB(s)cd? sp</b> PF,PS,EON,UB,NND,R=F,PA=90,STAR AT WEST TIP	
<b>PGC 2800</b> 36"	<b>Cet</b> 17mmT4	<b>Galaxy (R')SBb:</b> VF,VS,EON,UB,NND,R=F,60 DEGREES FROM NORTH	
<b>PGC 2805</b> 36"	<b>Cet</b> 17mmT4	<b>Galaxy SBd pec sp</b> PF,PS,EON,UB,NND,R=F,PA=75,STAR NW OF GX	
<b>PGC 3133</b> 36"	<b>Psc</b> 17mmT4	<b>Galaxy S?</b> PF,VS,EON,UB,NND,R=F,PA=170	

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**December 12, 2012 Hidden Hollow - RAS**

<b>PGC 4063</b>	<b>Cet</b>	<b>Galaxy SB(s)d? sp</b>
36"	17mmT4 PF,PS,EON,UB,NND,R=F,PA=90	
<b>PGC 5213</b>	<b>Psc</b>	<b>Galaxy SBb</b>
36"	17mmT4 VF,VS,OVAL,UB,ND,R=F	
<b>PGC 6189</b>	<b>Tri</b>	<b>Galaxy Scd:</b>
36"	17mmT4 PF,PS,EON,,AV,R=P,PA=50	
<b>PGC 6699</b>	<b>Tri</b>	<b>Galaxy Sdm</b>
36"	17mmT4 B,S,EON,UB,NND,R=F,ABUTS PGC-6700,PA=45	
<b>PGC 6700</b>	<b>Tri</b>	<b>Galaxy C</b>
36"	17mmT4 PF,VS,OVAL,UB,NND,R=F	
<b>PGC 6966</b>	<b>Cet</b>	<b>Galaxy SA(s)c? sp</b>
36"	17mmT4 PF,PS,EON,FUC,R=G,PA=170.OFFSET BULGE TOWARDS NORTH	
<b>PGC 7244</b>	<b>Cet</b>	<b>Galaxy Sbc: sp</b>
36"	17mmT4 VG,VS,EON,NND,R=P,PA=140	
<b>PGC 8913</b>	<b>Cet</b>	<b>Galaxy SB(s)m: sp</b>
36"	17mmT4 VF,VS,EON,NND,R=P,PA=60	
<b>PGC 8964</b>	<b>Ari</b>	<b>Galaxy Sd</b>
36"	17mmT4 VF,VS,EON,NND,AV,R=P,PA=155	
<b>PGC 9134</b>	<b>Tri</b>	<b>Galaxy Sd</b>
36"	17mmT4 VF,VS,EON,NND,AV,R=F,PA=50	
<b>PGC 9375</b>	<b>Tri</b>	<b>Galaxy Scd:</b>
36"	17mmT4 VF,PS,EON,UB,NND,AV3,R=F,PA=180	
<b>PGC 9638</b>	<b>Ari</b>	<b>Galaxy Scd:</b>
36"	17mmT4 VS,PS,EON,NND,AV,R=F,PA=90	
<b>PGC 9888</b>	<b>Ari</b>	<b>Galaxy Scd:</b>
36"	17mmT4 PF,PS,EON,NND,R=F,PA=120	
<b>PGC 9904</b>	<b>Cet</b>	<b>Galaxy Scd:</b>
36"	17mmT4 VF,PS,EON,NND,AV2,R=P,PA=25	
<b>PGC 11252</b>	<b>Cet</b>	<b>Galaxy Sd</b>
36"	17mmT4 PF,PS,EON,UB,NND,R=F	



## Observations Listing by Date

## November 16, 2012 Hidden Hollow - RAS

IC	455	Cep	Galaxy S0	
	18"	5mm TV	VF,VS,OVAL,NND,R=F	
IC	469	Cep	Galaxy SAB(rs)ab:	
	18"	5mm TV	VF,VS,OVAL,VEXT,NND,AV2,R=F	
IC	499	Cam	Galaxy Sa	
	18"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=G	
IC	1434	Lac	Open Cluster 12.0 III 2 m	
	18"	11mmT6	LOOSE GROUP,15-20 STARS,R=F	
IC	1442	Lac	Open Cluster 12.0 III 1 p	
	18"	11mmT6	TIGHT GROUP, STARS=20+,R=F	
IC	4954	Vul	Nebula R	
	18"	11mmT6	FAINT,SMALL,R=F	
IC	5217	Lac	Planetary Neb 2	
	18"	11mmT6	VS,VF,R=F	
NGC	2337	Lyn	Galaxy IBm	EF,S,E
	18"	7mm TV	PF,PS,OVAL,UB,R=G	
NGC	2340	Lyn	H736-2 Galaxy E	PF,S,R,GLBM,R
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
NGC	2550A	Cam	Galaxy Sc	
	18"	7mm TV	VF,VS,OVAL,MEXT,UB,R=F	
NGC	2550	Cam	Galaxy Sb:	EEF,PS,CE
	18"	7mm TV	VF,VS,OVAL,NND,AV,R=F	
NGC	2551	Cam	Galaxy SA(s)0/a	VF,S,F*IN CENTRE
	18"	7mm TV	VF,PS,OVAL,UB,NND,R=F	
NGC	2591	Cam	Galaxy Scd: sp	F,S,E,LBM
	18"	7mm TV	VF,VS,EON,UB,NND,R=G	
NGC	2633	Cam	Galaxy SB(s)b	F,S,LE
	18"	7mm TV	PF,PS,OVAL,UB,AV,R=F	
NGC	2634	Cam	Galaxy E1:	F,S,LE
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
NGC	6813	Vul	Nebula E	**IN VF,S NEB
	18"	11mmT6	6-8 STARS WITH FAINT NEBULA,R=F	
NGC	6949	Cep	Galaxy S?	EF,PS,IR
	18"	5mm TV	VF,VS,R,UB,R=F	

## Observations Listing by Date

## November 10, 2012 Hidden Hollow - RAS

IC	451	Cam	Galaxy SAB(r)b:	
	18"	7mm TV	VF,VS,OVAL,UB,NND,AV2,R=F	
IC	458	Lyn	Galaxy S0-:	
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
IC	1529	Cet	Galaxy (R')SA(r)0^ p	
	18"	7mm TV	VF,PS,OVAL,UB,NND,R=F	
IC	1907	Per	Galaxy E?	
	18"	7mm TV	DIFF,VF,PS,R,UB,NND,R=F	
IC	2166	Lyn	Galaxy SAB(s)bc	
	18"	7mm TV	DIFF,PF,PS,OVAL,UB,NND,R=F	
NGC	62	Cet	Galaxy (R)SB(r)a:	F,VS,R,GLBM
	18"	7mm TV	PF,VS,OVAL,UB,NND,R=F	
NGC	64	Cet	Galaxy SB(s)bc	EEF,VS,R,VDIFFIC
	18"	7mm TV	VF,VS,OVAL,UB,NND,R=F	
NGC	317B	And	Galaxy SB?	
	18"	7mm TV	VF,VS,PEXT,UB,NND,R=F	
NGC	1132	Eri	Galaxy E	EF,PL,GBM,*8F
	18"	7mm TV	PF,PS,OVAL,VEXT,UB,NND,R=F	
NGC	1207	Per	H578-3 Galaxy SA(rs)b	CF,VS,R,PSB INNPEND
	18"	7mm TV	PF,VS,OVAL,UB,NND,R=F	
NGC	1213	Per	Galaxy SA(s)dm	EF,LE,*CLOSEN,DIFFIC
	18"	7mm TV	VF,VS,OVAL,UB,NND,AV2,R=F	
NGC	1267	Per	Galaxy E+:	F,VS,R,STELL
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
NGC	1268	Per	Galaxy SAB(rs)b:	EF,S,LE,COM
	18"	7mm TV	PF,PS,OVAL,FNUC,R=F	
NGC	1270	Per	Galaxy E:	VF,S,R
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
NGC	1272	Per	Galaxy E+	F,S,R
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
NGC	1273	Per	Galaxy SA(r)0^?	VF,VS
	18"	7mm TV	PF,VS,OVAL,UB,NND,R=F	
NGC	1274	Per	Galaxy E3	VF,VS
	18"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F	
NGC	1275	Per	H603-2 Galaxy Pec	F,S
	18"	7mm TV	PF,PS,R,FNUC,MSB,R=F	
NGC	1277	Per	Galaxy S0+:	VF,VS,NP1278
	18"	7mm TV	PF,PS,OVAL,PEXT,UB,NND,R=F	

## Observations Listing by Date

## November 10, 2012 Hidden Hollow - RAS

NGC	2273	Lyn		Galaxy SB(r)a:	F,S,IR,(R)
	18"	7mm TV	PF,PS,OVAL,FNUC,R=F		
NGC	2273B	Lyn		Galaxy SB(rs)cd:	
	18"	7mm TV	DIFF,VF,PS,OVAL,UB,NND,AV2,R=F		
NGC	2315	Lyn		Galaxy S0/a	EF
	18"	7mm TV	PF,VS,EON,UB,NND,R=F,PA=45		
NGC	2320	Lyn	H861-2	Galaxy E	PB,S,IR,GBM,*8SP
	18"	7mm TV	PF,PS,OVAL,FNUC,R=F		
NGC	2321	Lyn		Galaxy SBa	VF,12'N OF2320
	18"	7mm TV	VF,PS,OVAL,UB,NND,AV2,R=F		
NGC	2322	Lyn	H874-3	Galaxy SBa:	VF,VS,LE
	18"	7mm TV	PF,VS,OVAL,VEXT,HSB,R=G		
NGC	2326A	Lyn		Galaxy SA(s)m:	
	18"	7mm TV	VF,VS,OVAL,UB,NND,AV2,R=F		
NGC	2326	Lyn	H734-2	Galaxy SB(rs)b	VF,PL,IR,PSMBM,ST P
	18"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F		
NGC	2332	Lyn	H862-2	Galaxy S0:	F,S,R,PSBM
	18"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F		
NGC	2426	Lyn	H822-2	Galaxy E	CF,R,VGBM,R,*8P
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F		
NGC	2429A	Lyn		Non-Existent	
	18"	7mm TV	VF,VS,EON,UB,NND,R=F		
NGC	2463	Lyn		Galaxy	EF,R
	18"	7mm TV	VF,VS,R,UB,NND,AV3,R=P		
NGC	2468	Lyn		Galaxy SA0:	F,R,BM
	18"	7mm TV	VF,VS,OVAL,UB,NND,R=F		
NGC	2469	Lyn	H836-3	Galaxy Sbc pec:	F,VS,R,*9SF
	18"	7mm TV	PF,VS,OVAL,UB,NND,R=F		
NGC	2472	Lyn		Galaxy Sb	2OF10NEB IN LINE
	18"	7mm TV	VF,VS,OVAL,UB,NND,R=F		
NGC	2474	Lyn	H830-3	Galaxy E0	F,PS,(E),(BMVS*)L*NF
	18"	7mm TV	VF,VS,R,UB,NND,R=F,PAIRED W/NGC-2475		
NGC	2475	Lyn		Galaxy E1	DNEB W/2474
	18"	7mm TV	VF,VS,R,UB,NND,R=F,PAIRED W/NGC-2474		
NGC	2488	Lyn	H837-3	Galaxy S0-:	VF,VS,R,GLBM
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F		
NGC	2497	Lyn	H838-3	Galaxy E?	EF,VS
	18"	7mm TV	PF,PS,R,UB,NND,R=F		

## Observations Listing by Date

## November 10, 2012 Hidden Hollow - RAS

NGC	2505	Lyn	H839-3	Galaxy SBa	EF,VS
	18"	7mm TV	PF,PS,OVAL,VEXT,UB,NND,R=F,PA=90		
NGC	2518	Lyn		Galaxy E-S0	2NEB,F,L,R,GBM
	18"	7mm TV	VF,PS,OVAL,UB,NND,AV1,R=F		
NGC	2521	Lyn		Galaxy SA0- pec?	PF,PL,R,PSBM,*9NP3'
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F		
NGC	2534	Lyn	H840-3	Galaxy E1? pec	PF,PL,R,PSBM,*8S
	18"	7mm TV	PF,PS,R,FNUC,R=F		
NGC	2549	Lyn		Galaxy SA(r)0^ sp	PB,S,ME0,PSMBM
	18"	7mm TV	F,PS,EON,BNUC,R=F,PA=60		
NGC	2552	Lyn	H711-3	Galaxy SA(s)m?	EF,CL,LE45
	18"	7mm TV	DIFF,PF,S,OVAL,UB,NND,R=F		
NGC	7808	Cet		Galaxy (R')SA0^:	EF,VS,R,STELL N,*8SP
	18"	7mm TV	VF,VS,R,UB,NND,R=F		
PGC	11210	Per		Galaxy SA(s)cd	
	18"	7mm TV	VF,PS,OVAL,UB,NND,R=F		
PGC	11369	Per		Galaxy IAm	
	18"	7mm TV	VF,VS,EON,UB,NND,R=F,PA=80		
PGC	11434	Per		Galaxy Compact group	
	18"	7mm TV	PF,VS,R,UB,NND,R=F		
PGC	11437	Per		Galaxy SB(r)0/a	
	18"	7mm TV	PF,VS,OVAL,UB,FNUC,R=F		
PGC	11444	Per		Galaxy Double System	
	18"	7mm TV	VF,VS,EON,UB,NND,R=P,PA=125		
PGC	11447	Per		Galaxy S?	
	18"	7mm TV	PF,VS,EON,UB,NND,R=F,PA=90		
PGC	11625	Per		Galaxy Sb	
	18"	7mm TV	PF,PS,EON,UBL,NND,R=F,PA=15		
PGC	12397	Per		Galaxy Sc?	
	18"	7mm TV	VF,VS,EON,UB,NND,R=F,PA=15		
PGC	12430	Per		Galaxy	
	18"	7mm TV	VF,VS,R,UB,NND,AV1,R=F		
PGC	22533	Lyn		Galaxy S0/a	
	18"	7mm TV	PF,VS,EON,UB,NND,R=F,PA=50		
PGC	22890	Lyn		Galaxy Sab	
	18"	7mm TV	VF,VS,EON,UB,NND,R=F,PA=40		
PGC	22891	Lyn		Galaxy E/S0	
	18"	7mm TV	VF,VS,R,UB,NND,R=F		

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**November 10, 2012 Hidden Hollow - RAS**

**PGC 22906**      **Lyn**                                      **Galaxy E**  
 18"              7mm TV    VF,VS,OVAL,UB,AV1,R=F

**PGC 22914**      **Lyn**                                      **Galaxy S?**  
 18"              7mm TV    VF,VS,R,UB,NND,AV,R=F

**October 24, 2012 Hidden Hollow - RAS**

**NGC 366**      **Cas**                                      **Open Cluster 10.0 II 3 m**                      **CL,S**  
 8"              11mmT6    SMALL,FAINT,STARS=6+,R=P

**NGC 433**      **Cas**                                      **Open Cluster 9.0 III 2 p**                      **CL,S,LC**  
 8"              11mmT6    VS,VF,R=P

**NGC 657**      **Cas**                                      **Open Cluster 7.1**                              **CL,PRI,ST12**  
 8"              11mmT6    VS,VF,R=P

**NGC 743**      **Cas**                                      **Open Cluster 10.0 IV 1 p**                      **CL,NOTRI,D\***  
 8"              11mmT6    PF,L,LOOSER GROUP,R=F

**NGC 886**      **Cas**                                      **Open Cluster 11.0 IV 2 p**                      **CL,L,LC,SC,ST9...13**  
 8"              11mmT6    F,L,R=F, LAST NGC/IC IN CASSIOPEIA

**NGC 6205**      **Her**      **M13**                                      **Globular**                                      **GCL,EB,VRI,VGECM,\*11**  
 8"              11mmT6    VERY NICE - EVEN IN 8"

**NGC 6229**      **Her**                                      **H50-4**      **Globular**                                      **GCL,VB,L,R,DISC,R**  
 8"              11mmT6    PF,PS,R=F, THIS WAS THE FAINTEST OF THE FOUR FOR THE NIGHT.

**NGC 6341**      **Her**      **M92**                                      **Globular**                                      **GCL,VB,VL,ECM,ST S**  
 8"              11mmT6    STILL NICE.

**NGC 6779**      **Lyr**      **M56**                                      **Globular**                                      **GCL,B,L,IR,GVMCM,RRR**  
 8"              11mmT6    STILL NICE. LIKE THOSE GLOBS.

**NGC 7619**      **Peg**                                      **H439-2**      **Galaxy E**                                      **CB,PS,R,PSBM**  
 18"              7mm TV    F,PS,OVAL,FNUC,HSB,R=G

**NGC 7708**      **Cep**                                      **H62-8**      **Open Cluster 7.3 asterism?**                      **CL,L,P,LC,\*8,10...15**  
 8"              11mmT6    LARGE AND LOOSE,R=F

## Observations Listing by Date

## October 21, 2012 Home

IC	63	Cas		Nebula E+R	
	8"	11mmT6	PF,PS,Y-SHAPED,R=F		
NGC	110	Cas		Open Cluster 9.7 IV 1 p cl	CL,PR,LC,*9...12
	8"	11mmT6	LARGE, LOOSE, GROUP,R=P		
NGC	129	Cas	H79-8	Open Cluster 11.0 III 2 m	CL,VL,PR,LC,*9...13
	8"	11mmT6	B,L,R=G		
NGC	221	And	M32	Galaxy cE2	VVB,L,R,PSMBMN
	8"	11mmT6	PB,LOOKED PRETTY GOOD		
NGC	224	And	M31	Galaxy SA(s)b	EEB,EL,VME,ANDROMEDA 17
	8"	25mmPL	ALWAYS GREAT		
NGC	225	Cas	H78-8	Open Cluster 9.3 III 1 p n	CL,L,LC,*9...10
	8"	11mmT6	PF,PS,STARS=22-30,R=G		
NGC	436	Cas	H45-7	Open Cluster 10.0 I 2 m	CL,S,IF,PC
	8"	11mmT6	PF,PS,STARS=12-15,R=F		
NGC	457	Cas	H42-7	Open Cluster 8.6 II 3 r	CL,B,L,PRI,*7,8,10
	8"	11mmT6	F,S,STARS=50-60,R=G		
NGC	559	Cas	H48-7	Open Cluster 9.0 I 1 m	CL,B,PL,PRI
	8"	11mmT6	B,S,V-SHAPE W/V-TOWARDSNE,SOME NEBULOSITY NOTED,R=G		
NGC	581	Cas	M103	Open Cluster 9.0 II 2 m	CL,PL,B,R,RI,*10..11
	8"	11mmT6	B,S,R=G		
NGC	598	Tri	M33 H17-5	Galaxy SA(s)cd	EB,EL,R,VGBMN 6
	8"	25mmPL	LARGE AND FAINT AS ALWAYS		
NGC	637	Cas	H49-7	Open Cluster 8.0 I 2 m	CL,PS,B\$VF ST
	8"	11mmT6	B,S,Y-SHAPED STARS=10-12,SOME NEBULOSITY NOTED,R=G		
NGC	654	Cas	H46-7	Open Cluster 10.0 II 2 r	CL,IF,RI,1*6.7,
	8"	11mmT6	F,S,LOOSE,STARS=15-20,R=F		
NGC	659	Cas	H65-8	Open Cluster 10.0 I 2 m	CL,LRI,ST B
	8"	11mmT6	PF,PS,STARS=10-12,R=F		
NGC	663	Cas	H31-6	Open Cluster 9.0 II 3 r	CL,B,L,ERI,ST PL
	8"	11mmT6	B,L,LOOSE,STGARS=40-60,R=G		
NGC	869	Per	H33-6	Open Cluster 6.6 I 3 r	CL,VVL,VRI,*7...14
	8"	25mmPL	NICE BUT NOT AS NICE AS WRO		
NGC	884	Per	H34-6	Open Cluster 6.4 I 3 r	CL,VL,VRI,RUBY*M
	8"	25mmPL	NICE BUT NOT AS NICE AS WRO		
NGC	6503	Dra		Galaxy SA(s)cd	PF,L,ME,*9F4'
	8"	5mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F		
NGC	6543	Dra	H37-4	Planetary Neb 3a+2	PLN,VB,PS,SBMVSN
	8"	5mm TV	B,PS,OVAL IN SHAPE,R=F		

## Observations Listing by Date

**October 21, 2012 Home**

<b>NGC 6720</b> 8"	<b>Lyr</b> 25mmPL	<b>M57</b> ANOTHER SURPRISE AT HOME, ROUND AND DISTINCT	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
<b>NGC 6838</b> 8"	<b>Sge</b> 11mmT6	<b>M71</b> F,S,R=G, ANOTHER SURPRISE UNDER THE STREETLIGHTS	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>
<b>NGC 6853</b> 8"	<b>Vul</b> 11mmT6	<b>M27</b> B,L,R=G,SURPRISE UNDER THE STREETLIGHTS	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBBEL</b>
<b>NGC 7331</b> 8"	<b>Peg</b> 11mmT6	<b>H53-1</b> SMALL SPINDLE, NOT ENOUGH APERATURE OR DARK ENOUGH SKIES.	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>

## Observations Listing by Date

**October 12, 2012 Hidden Hollow - RAS**

<b>IC</b>	<b>334</b>	<b>Cam</b>	<b>Galaxy S?</b>	
	18"	7mm TV	F,S,OVAL,BNUC,R=G	
<b>IC</b>	<b>342</b>	<b>Cam</b>	<b>Galaxy SAB(rs)cd</b>	
	18"	7mm TV	DIFF,F,L,R,UB,NND,R=G	
<b>IC</b>	<b>356</b>	<b>Cam</b>	<b>Galaxy SA(s)ab pec</b>	
	18"	7mm TV	F,L,OVAL,BNUC,R=G, SPIRAL ARM NORTH	
<b>IC</b>	<b>361</b>	<b>Cam</b>	<b>Open Cluster 14.0 II 2 r</b>	<b>F,L (NEB CL?)</b>
	18"	7mm TV	R=F	
<b>IC</b>	<b>381</b>	<b>Cam</b>	<b>Galaxy SAB(rs)bc</b>	
	18"	7mm TV	PF,PS,OVAL,PEXT,UB,NND,R=F,PA=90	
<b>IC</b>	<b>391</b>	<b>Cam</b>	<b>Galaxy SA(s)c</b>	
	18"	7mm TV	PF,PS,R,FNUC,R=F	
<b>IC</b>	<b>396</b>	<b>Cam</b>	<b>Galaxy S?</b>	
	18"	7mm TV	PF,PS,OVAL,FNUC,R=F	
<b>IC</b>	<b>440</b>	<b>Cam</b>	<b>Galaxy SA(r)ab</b>	
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F,PA=120	
<b>IC</b>	<b>442</b>	<b>Cam</b>	<b>Galaxy S?</b>	
	18"	7mm TV	PF,PS,R,FNUC,R=F	
<b>IC</b>	<b>445</b>	<b>Cam</b>	<b>Galaxy S0?</b>	
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>449</b>	<b>Cam</b>	<b>Galaxy E:</b>	
	18"	7mm TV	PF,PS,OVAL,MEXT,NND,R=F,BRIGHTER TO NE.	
<b>IC</b>	<b>450</b>	<b>Cam</b>	<b>Galaxy SAB0+:</b>	
	18"	7mm TV	VF,VS,OVAL,UB,NND,AV2,R=P	
<b>IC</b>	<b>1534</b>	<b>And</b>	<b>Galaxy S0</b>	
	18"	7mm TV	VF,VS,EON,UB,NND,R=F,PA=160	
<b>IC</b>	<b>1535</b>	<b>And</b>	<b>Galaxy S</b>	
	18"	7mm TV	VF,VS,EON,UB,NND,R=F,PA=45	
<b>IC</b>	<b>1536</b>	<b>And</b>	<b>Galaxy E/S0</b>	
	18"	7mm TV	PF,VS,OVAL,UB,NND,R=F,15.4 MAG.	
<b>IC</b>	<b>2209</b>	<b>Cam</b>	<b>Galaxy SB(rs)b:</b>	
	18"	7mm TV	VF,VS,R,UB,NND,AV,R=F	
<b>IC</b>	<b>5370</b>	<b>And</b>	<b>Galaxy S0/a</b>	
	18"	7mm TV	VF,PS,R,UB,NND,AV2,R=F	
<b>IC</b>	<b>5371</b>	<b>And</b>	<b>Galaxy S</b>	
	18"	7mm TV	PF,PS,R,FNUC,R=F	
<b>IC</b>	<b>5373</b>	<b>And</b>	<b>Galaxy Sb</b>	
	18"	7mm TV	PF,PS,OVAL,FNUC,R=F	



## Observations Listing by Date

**October 12, 2012 Hidden Hollow - RAS**

<b>IC</b>	<b>5376</b>	<b>And</b>	<b>Galaxy Sab</b>	
	18"	7mm TV	PF,PS,EON,UB,NND,R=F,REAL THIN	
<b>NGC</b>	<b>5</b>	<b>And</b>	<b>Galaxy E:</b>	<b>VF,VS,N=*13,14</b>
	18"	7mm TV	PF,PS,OVAL,FNUC,R=F,PA=10	
<b>NGC</b>	<b>11</b>	<b>And</b>	<b>Galaxy Sa</b>	<b>VF,VS,VLE,2VF*INV</b>
	18"	7mm TV	PF,PS,EON,UB,NND,R=F	
<b>NGC</b>	<b>27</b>	<b>And</b>	<b>Galaxy S?</b>	<b>EF,VS,E,B*NR</b>
	18"	7mm TV	VF,PS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>39</b>	<b>And</b>	<b>H861-3 Galaxy SA(rs)c</b>	<b>VF,PS,R</b>
	18"	7mm TV	VF,PS,R,UB,NND,AV,R=P	
<b>NGC</b>	<b>48</b>	<b>And</b>	<b>Galaxy SABbc pec:</b>	<b>EEF,PL,R,V DIFFIC</b>
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>49</b>	<b>And</b>	<b>Galaxy S0?</b>	<b>EEF,S,R,2ND OF3</b>
	18"	7mm TV	VF,PS,OVAL,UB.,NND.R=F	
<b>NGC</b>	<b>51</b>	<b>And</b>	<b>Galaxy S0^ pec:</b>	<b>PF,PS,R,BM</b>
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>67</b>	<b>And</b>	<b>Galaxy E:</b>	<b>EF,VS,R</b>
	18"	7mm TV	VF,VS,R,UB,NND,R=F	
<b>NGC</b>	<b>68</b>	<b>And</b>	<b>H16-5 Galaxy SA0-</b>	<b>EF,L,3OR4*+NEB</b>
	18"	7mm TV	VF,VS,R,UB,NND,AV2,R=P	
<b>NGC</b>	<b>69</b>	<b>And</b>	<b>Galaxy SB(s)0-</b>	<b>EF,VS,R,</b>
	18"	7mm TV	VF,VS,R,UB,NND,R=F	
<b>NGC</b>	<b>70</b>	<b>And</b>	<b>Galaxy SA(rs)c</b>	<b>EF,VS,R,BET2F*</b>
	18"	7mm TV	VF,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>71</b>	<b>And</b>	<b>Galaxy SA0- pec:</b>	<b>EF,VS,R</b>
	18"	7mm TV	VF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>72</b>	<b>And</b>	<b>Galaxy SB(rs)ab</b>	<b>EF,VS,R</b>
	18"	7mm TV	PF,PS,R,UB,NND,R=P	
<b>NGC</b>	<b>72A</b>	<b>And</b>	<b>Galaxy E3:</b>	
	18"	7mm TV	VF,VS,R,UB,NND,R=F	
<b>NGC</b>	<b>74</b>	<b>And</b>	<b>Galaxy Sb</b>	<b>EF,S,E,LAST OF 6</b>
	18"	7mm TV	VF,VS,OVAL,MEXT,UB,AV1,R=F	
<b>NGC</b>	<b>451</b>	<b>Psc</b>	<b>Galaxy S?</b>	<b>VF,VS,R,VLBM</b>
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>869</b>	<b>Per</b>	<b>H33-6 Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
	18"	35mm A	DOUBLE CLUSTER W/35MM A.T. 68 DEGREE AND PARACORR	
<b>NGC</b>	<b>884</b>	<b>Per</b>	<b>H34-6 Open Cluster 6.4 I 3 r</b>	<b>CL,VL,VRI,RUBY*M</b>
	18"	35mm A	DOUBLE CLUSTER W/35MM A.T. 68 DEGREE AND PARACORR	

## Observations Listing by Date

## October 12, 2012 Hidden Hollow - RAS

NGC	891	And	H19-5	Galaxy SA(s)b? sp	B,VL,VME22
	18"	17mm T4		DARK DUST LANE BISECTING GALAXY. JOHN'S 20" OBSESSION	
NGC	1469	Cam		Galaxy SA0-:	VF,VS,R,B*NR
	18"	7mm TV		PF,PS,OVAL,VEXT,FNUC,R=F,PA=45	
NGC	1485	Cam		Galaxy SAb? sp	EF,PS,R
	18"	7mm TV		PF,PS,OVAL,EEXT,UB,NND,R=F,PA=160	
NGC	1530	Cam		Galaxy SB(rs)b	PB,L
	18"	7mm TV		PF,S,OVAL,FNUC,R=F	
NGC	1560	Cam		Galaxy SA(s)d sp	VF,L,E,*9.3SP
	18"	7mm TV		DIFF,VF,S,EON,UB,NND,AV,R=F,PA=120	
NGC	1569	Cam	H768-2	Galaxy IBm	PB,S,LE,BNM,*9.5N1'
	18"	7mm TV		PF,PS,OVAL,PEXT,FNUC,R=G,DISTURBED NE CORNER,PA=45	
NGC	1573	Cam		Galaxy E	VF,S,*9.5F
	18"	7mm TV		PF,PS,OVAL,MEXT,UB,NND,R=F	
NGC	1579	Per	H217-1	Nebula R	PB,VL,IR,MBM,*8 2'NF
	18"	7mm TV		PF,S,NICE NEBULA,OIII NO HELP.R=G, FOUND LOOING FOR PAL2	
NGC	2128	Cam		Galaxy S0-:	VF,VS,VLE
	18"	7mm TV		PF,PS,OVAL,FNUC,R=F	
NGC	2146	Cam		Galaxy SB(s)ab pec	PB,2'L,LE
	18"	7mm TV		PF,S,OVAL,FNUC,R=G, SPIRAL, NORTH/SOUTH ARMS	
NGC	2146A	Cam		Galaxy SAB(s)c:	
	18"	7mm TV		PF,PS,OVAL,MEXT,UB,NND,R=F,PA=120	
NGC	2256	Cam		Galaxy SAB0-?	F,R,*9.5 3'SF
	18"	7mm TV		DIFF,PF,PS,R,UB,NND,R=F	
NGC	2258	Cam		Galaxy SA(r)0^	F,2*10,11F
	18"	7mm TV		PF,PS,OVAL,FNUC,R=F	
NGC	2268	Cam		Galaxy SAB(r)bc	PF,PL,LE
	18"	7mm TV		PF,PS,OVAL,MEXT,FNUC,R=G, MOTTLED	
NGC	2336	Cam		Galaxy SAB(r)bc	PB,PL,R,2*11NR
	18"	7mm TV		F,S,OVAL,MEXT,UB,NND,R=F	
NGC	2460	Cam		Galaxy SA(s)a	F,S,R,S*CENTRE
	18"	7mm TV		PF,PS,OVAL,UB,NND,R=F	
NGC	2523C	Cam		Galaxy E?	
	18"	7mm TV		PF,VS,OVAL,UB,NND,R=F	
NGC	2523A	Cam		Galaxy SB(s)c:	
	18"	7mm TV		VS,VS,OVAL,UB,NND,AV3,R=P	
NGC	2523	Cam		Galaxy SB(r)bc	PB,PL,LE,LBM,*NR
	18"	7mm TV		DIFF,PF,S,OVAL,UB,NND,R=F	

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**October 12, 2012 Hidden Hollow - RAS**

<b>NGC</b>	<b>2523B</b>	<b>Cam</b>	<b>Galaxy SA(s)b: sp</b>	
	18"	7mm TV	PF,PS,EON,UB,NND,R=F,PA=185	
<b>NGC</b>	<b>2544</b>	<b>Cam</b>	<b>Galaxy SB(s)a:</b>	<b>EEF,PS,R,SEVB*AROUND</b>
	18"	7mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6888</b>	<b>Cyg</b>	<b>H72-4 Nebula E</b>	<b>F,VL,VME,**ATT</b>
	18"	17mmT4	FINE OBJECT IN JOHN'S 20" OBSESSION, OIII FILTER	
<b>NGC</b>	<b>6888</b>	<b>Cyg</b>	<b>H72-4 Nebula E</b>	<b>F,VL,VME,**ATT</b>
	36"	17mmT4	FINE NEBULA IN CYGNUS, OUTSTANDING OBJECT, OIII FILTER	
<b>NGC</b>	<b>7317</b>	<b>Peg</b>	<b>Galaxy E4</b>	<b>VF,VS</b>
	36"	17mmT4	DIRECT VISION WITH BRIGHT CORE - 1ST VIEW W/36"	
<b>NGC</b>	<b>7318B</b>	<b>Peg</b>	<b>Galaxy SB(s)bc pec</b>	<b>EF,ES</b>
	36"	17mmT4	DIRECT VISION WITH BRIGHT CORE - 1ST VIEW W/36"	
<b>NGC</b>	<b>7318A</b>	<b>Peg</b>	<b>Galaxy E2 pec</b>	<b>EF,ES</b>
	36"	17mmT4	DIRECT VISION WITH BRIGHT CORE - 1ST VIEW W/36"	
<b>NGC</b>	<b>7319</b>	<b>Peg</b>	<b>Galaxy SB(s)bc pec</b>	<b>EF,ES</b>
	36"	17mmT4	DIRECT VISION WITH BRIGHT CORE - 1ST VIEW W/36"	
<b>NGC</b>	<b>7320</b>	<b>Peg</b>	<b>Galaxy SA(s)d</b>	<b>F,VS</b>
	36"	17mmT4	DIRECT VISION WITH BRIGHT CORE - 1ST VIEW W/36"	
<b>PGC</b>	<b>731</b>	<b>And</b>	<b>Galaxy Scd:</b>	
	18"	7mm TV	VF,VS,EON,UB,NND,AV2,R=P	
<b>PGC</b>	<b>1183</b>	<b>And</b>	<b>Galaxy</b>	
	18"	7mm TV	VF,VS,OVAL,UB,NND,AV2,R=P	
<b>PGC</b>	<b>15548</b>	<b>Cam</b>	<b>Galaxy S0-:</b>	
	18"	7mm TV	VF,VS,OVAL,MEXT,UB,NND,R=F	
<b>PGC</b>	<b>19566</b>	<b>Cam</b>	<b>Galaxy S</b>	
	18"	7mm TV	VF,PS,R,UB,NND,AV3,R=P	

## Observations Listing by Date

**October 10, 2012 Hidden Hollow - RAS**

<b>IC</b>	<b>240</b>	<b>And</b>	<b>Non-Existent</b>	
	18"	8.8 ES	NON-EXISTENT	
<b>IC</b>	<b>257</b>	<b>Per</b>	<b>Galaxy S0-:</b>	
	18"	8.8 ES	PF,S,OVAL,UB,NND,R=G	
<b>IC</b>	<b>284</b>	<b>Per</b>	<b>Galaxy SAdm</b>	
	18"	8.8 ES	PF,S,OVAL,MEXT,UB,NND,AV,R=F	
<b>IC</b>	<b>301</b>	<b>Per</b>	<b>Galaxy E</b>	
	18"	8.8 ES	DIFF,PF,PS,R,UB,NND,R=F	
<b>IC</b>	<b>1799</b>	<b>And</b>	<b>Galaxy S?</b>	
	18"	8.8 ES	F,PS,OVAL,PEXT,BNUC,R=G	
<b>NGC</b>	<b>845</b>	<b>And</b>	<b>H604-3 Galaxy Sb</b>	<b>VF,IF,STELLAR</b>
	18"	8.8 ES	F,S,EON,UB,ND,R=F	
<b>NGC</b>	<b>909</b>	<b>And</b>	<b>Galaxy E</b>	<b>VF,VS,VS*INV</b>
	18"	8.8 ES	F,S,R,FNUC,R=G	
<b>NGC</b>	<b>912</b>	<b>And</b>	<b>Galaxy E</b>	<b>F,VS,R,BM</b>
	18"	8.8 ES	PR,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>920</b>	<b>And</b>	<b>Galaxy (R')SB(s)ab</b>	<b>EF,ES,R,1OR2EF* NR</b>
	18"	8.8 ES	DIFF,PF,S,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>923</b>	<b>And</b>	<b>Galaxy Sb:</b>	<b>VF,S,R,GSBM</b>
	18"	8.8 ES	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>933</b>	<b>And</b>	<b>Galaxy S?</b>	<b>EF,ES,R,B*NF</b>
	18"	8.8 ES	PF,PS,OVAL,UB,FNUC,R=G	
<b>NGC</b>	<b>937</b>	<b>And</b>	<b>Galaxy SBcd?</b>	<b>VF*SLIGHTLYNEBULOUS</b>
	18"	8.8 ES	PF,PS,OVAL,MEXT,FNUC,R=G	
<b>NGC</b>	<b>946</b>	<b>And</b>	<b>Galaxy S0:</b>	<b>F,S,R,GLBM</b>
	18"	8.8 ES	F,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>995</b>	<b>And</b>	<b>Galaxy S0</b>	<b>VF,VS</b>
	18"	8.8 ES	F,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>996</b>	<b>And</b>	<b>Galaxy E</b>	<b>VF,VS</b>
	18"	8.8 ES	F,S,R,FNUC,R=F	
<b>NGC</b>	<b>999</b>	<b>And</b>	<b>Galaxy (R')SAB(s)a</b>	<b>EF</b>
	18"	8.8 ES	PF,S,OVAL,UB,ND,AV1,R=F	
<b>NGC</b>	<b>1000</b>	<b>And</b>	<b>Galaxy C</b>	<b>VVF,PS,DIF</b>
	18"	8.8 ES	PF,PS,R,UB,NND,R=F,15.3 MAG, DIRECT VISION	
<b>NGC</b>	<b>1282</b>	<b>Per</b>	<b>Galaxy E:</b>	<b>VF,S,LBMN</b>
	18"	8.8 ES	F,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>1283</b>	<b>Per</b>	<b>Galaxy E1:</b>	<b>VF,S,VLBM</b>
	18"	8.8 ES	F,VS,OVAL,UB,NND,R=F	

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**October 10, 2012 Hidden Hollow - RAS**

<b>NGC</b>	<b>1465</b>	<b>Per</b>	<b>Galaxy S0/a</b>	<b>PF,PS,R,PB*NR P</b>
	18"	8.8 ES	PF,PS,EON,UB,NND,R=F	
<b>NGC</b>	<b>7317</b>	<b>Peg</b>	<b>Galaxy E4</b>	<b>VF,VS</b>
	36"	17mmT4	STEPHEN'S QUINTET - GALAXY 1. BRIGHT NUCLEUS	
<b>PGC</b>	<b>9983</b>	<b>And</b>	<b>Galaxy Sab</b>	
	18"	8.8 ES	F,S,EON,UB,NND,R=F,14.7 MAG, DIRECT VISION	
<b>PGC</b>	<b>10047</b>	<b>Per</b>	<b>Galaxy Sc</b>	
	18"	8.8 ES	VF,PS,OVAL,UB,AV2,R=P	

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**September 14, 2012 Hidden Hollow - RAS**

<b>IC</b>	<b>5180</b>	<b>Lac</b>	<b>Galaxy E:</b>	
	18"	7mm TV	VF,PS,UB,NND,AV1,R=F	
<b>MAC</b>	<b>2207+1014</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>7212</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>EF,VS,LE</b>
	36"	17mmT4	PF,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>7217</b>	<b>Peg</b>	<b>H207-2 Galaxy (R)SA(r)ab</b>	<b>B,PL,GBM,ER</b>
	36"	17mmT4	B,S,R,BNUC,R=G, SPIRAL STRUCTURE NOTED	
<b>NGC</b>	<b>7224</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>F,S,R</b>
	36"	17mmT4	F,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7227</b>	<b>Lac</b>	<b>Galaxy S0</b>	<b>VF,VS,R,LBM,NP OF 2</b>
	18"	7mm TV	VF,VS,OVAL,PEXT,UB,NND,R=F	
<b>NGC</b>	<b>7265</b>	<b>Lac</b>	<b>Galaxy S0-</b>	<b>F,VS,R,MBM</b>
	18"	7mm TV	PF,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>7303</b>	<b>Peg</b>	<b>Galaxy Sbc</b>	<b>VF,S,R,GVLBM</b>
	36"	17mmT4	F,PS,OVAL,MEXT,BNUC,R=G, SPIRAL STRUCTURE SEEN TOWARDS NOTHERN PART.	
<b>NGC</b>	<b>7315</b>	<b>Peg</b>	<b>Galaxy S0</b>	<b>VF,ES,R,BM</b>
	36"	17mmT4	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>7316</b>	<b>Peg</b>	<b>H180-3 Galaxy S</b>	<b>F,S,R,*8SP</b>
	36"	17mmT4	F,PS,OVAL,EXT,FNUC,R=G,FAINT STAR AT SW CORNER.	
<b>NGC</b>	<b>7323</b>	<b>Peg</b>	<b>Galaxy Sb</b>	<b>PF,PL,IR</b>
	36"	17mmT4	PF,PS,OVAL,UB,NND,MSB,R=G	
<b>NGC</b>	<b>7324</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>VF,VS,NEB*</b>
	36"	17mmT4	PF,VS,OVAL,PEXT,FNUC,R=G	
<b>NGC</b>	<b>7330</b>	<b>Lac</b>	<b>Galaxy E</b>	<b>PB,S,LE,BM</b>
	18"	7mm TV	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>7332</b>	<b>Peg</b>	<b>H233-2 Galaxy S0 pec sp</b>	<b>CB,S,ME156,SMBMN,P-2</b>
	36"	17mmT4	F,S,EON,BNUC,HSB,R=E, VERY NEAR NGC-7339	
<b>NGC</b>	<b>7339</b>	<b>Peg</b>	<b>H234-2 Galaxy SAB(s)bc:?</b>	<b>F,PS,ME89,VGLBM,FOF2</b>
	36"	17mmT4	F,S,EON,UB,HSB,R=G, VERY NEAR, NGC-7332	
<b>PAL</b>	<b>1</b>	<b>Cep</b>	<b>Globular</b>	
	18"	7mm TV	VF,PS,R=F,FAINT SMUDGE OF A GLOBULAR	
<b>PGC</b>	<b>69245</b>	<b>Peg</b>	<b>Galaxy</b>	
	36"	17mmT4	VF,VS,R,UB,NND,AV3,R=F,ABUTS NGC-7315	

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**August 24, 2012 Hidden Hollow - RAS**

<b>IC</b>	<b>4776</b>	<b>Sgr</b>	<b>Planetary Neb 2a</b>	
	18"	8.8 ES	PF,PS, R=F, OIII FILTER,	
<b>IC</b>	<b>5369</b>	<b>And</b>	<b>Galaxy</b>	
	18"	5mm TV	VF,VS,OVAL,MEXT,UB,NND,R=F	
<b>IC</b>	<b>5370</b>	<b>And</b>	<b>Galaxy S0/a</b>	
	18"	5mm TV	PF,VS,R,UB,NND,R=F	
<b>IC</b>	<b>5371</b>	<b>And</b>	<b>Galaxy S</b>	
	18"	5mm TV	VF,VS,R,UB,NND,R=F	
<b>NGC</b>	<b>3</b>	<b>Psc</b>	<b>Galaxy S0?</b>	<b>F,VS,R,ALMSTEL</b>
	18"	5mm TV	VF,VS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>13</b>	<b>And</b>	<b>H866-3 Galaxy (R)Sab:</b>	<b>VF,VS,S ST+NEB</b>
	18"	5mm TV	VF,PS,OVAL,VEXT,UB,NND,R=F	
<b>NGC</b>	<b>20</b>	<b>And</b>	<b>Galaxy S0-:</b>	<b>F,*10ATT</b>
	18"	5mm TV	VF,PS,OVAL,UB,NND,AV2,R=P	
<b>NGC</b>	<b>68</b>	<b>And</b>	<b>H16-5 Galaxy SA0-</b>	<b>EF,L,3OR4*+NEB</b>
	18"	5mm TV	VF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>70</b>	<b>And</b>	<b>Galaxy SA(rs)c</b>	<b>EF,VS,R,BET2F*</b>
	18"	5mm TV	VF,PS,OVAL,UB,NND,AV,R=F	
<b>NGC</b>	<b>71</b>	<b>And</b>	<b>Galaxy SA0- pec:</b>	<b>EF,VS,R</b>
	18"	5mm TV	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>97</b>	<b>And</b>	<b>Galaxy E:</b>	<b>F,VS,R,GBM</b>
	18"	5mm TV	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>140</b>	<b>And</b>	<b>Galaxy Scd:</b>	<b>VF,S,R,GBM</b>
	18"	5mm TV	VF,PS,R,UB,NND,AV3,R=P	
<b>NGC</b>	<b>149</b>	<b>And</b>	<b>Galaxy S0:</b>	<b>VF,VS,R,GBM*14,*12SP</b>
	18"	5mm TV	VF,VS,OVAL,UB,NND,AV3,R=P	
<b>NGC</b>	<b>226</b>	<b>And</b>	<b>Galaxy S?</b>	<b>EF,S,R,*13S20"</b>
	18"	5mm TV	PF,VS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>228</b>	<b>And</b>	<b>Galaxy (R)SB(r)ab</b>	<b>EF,S,R,FAINTER OF 2</b>
	18"	5mm TV	PF,PS,OVAL,EEXT,FNUC,R=F	
<b>NGC</b>	<b>229</b>	<b>And</b>	<b>Galaxy Sab</b>	<b>VF,S,R,SMALLER OF 2</b>
	18"	5mm TV	DIFF,VF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>243</b>	<b>And</b>	<b>Galaxy S0?</b>	<b>F,VS,R,GBM,*10P</b>
	18"	5mm TV	PF,VS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>252</b>	<b>And</b>	<b>H609-2 Galaxy (R)SA(r)0+:</b>	<b>PB,S,R,PMBM,R,**P</b>
	18"	5mm TV	PF,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>258</b>	<b>And</b>	<b>Galaxy Sb</b>	<b>EF,S,VF*CLOSE</b>
	18"	5mm TV	PF,VS,OVAL,UB,NND,R=F	

## Observations Listing by Date

**August 24, 2012 Hidden Hollow - RAS**

<b>NGC 260</b> 18"	<b>And</b> 5mm TV	<b>Galaxy Scd pec:</b> VF,VS,R,NND,AV2,R=P	<b>EF,PS,LE</b>
<b>NGC 6621</b> 18"	<b>Dra</b> 7mm TV	<b>Galaxy Sb: pec</b> VF,VS,EON,UB,NND,AV1,R=F	<b>PF,PS,R,LBM,S OF 2</b>
<b>NGC 7197</b> 18"	<b>Lac</b> 5mm TV	<b>H599-2 Galaxy Sa</b> PF,VS,OVAL,MEXT,UB,NND,R=F	<b>F,CS,CE,VGLBM,ER</b>
<b>NGC 7223</b> 18"	<b>Lac</b> 5mm TV	<b>H862-3 Galaxy SB(rs)bc</b> DIFF,VF,PS,OVAL,UB,AV2,R=F	<b>EF,PS,LE,R,AM3ST</b>
<b>NGC 7231</b> 18"	<b>Lac</b> 5mm TV	<b>H606-2 Galaxy SBa</b> PF,VS,EON,UB,NND,R=F	<b>EF,S,ER</b>
<b>NGC 7248</b> 18"	<b>Lac</b> 5mm TV	<b>H863-3 Galaxy SA0-:</b> PF,VS,OVAL,FNUC,R=F,	<b>VF,VS,MBM</b>
<b>NGC 7250</b> 18"	<b>Lac</b> 5mm TV	<b>H864-3 Galaxy Sdm?</b> VF,VS,OVAL,MEXT,UB,NND,AV2,R=F, STAR AT NE TIP	<b>VF,S,ME165</b>
<b>NGC 7426</b> 18"	<b>Lac</b> 5mm TV	<b>H576-3 Galaxy E</b> VF,PS,R,UB,NND,AV3,R=P	<b>VF,CS,R,STELLAR,D*P</b>
<b>NGC 7433</b> 18"	<b>Peg</b> 5mm TV	<b>Galaxy S0/a</b> PF,VS,EON,FNUC,R=F	<b>EF,VS,P 7436</b>
<b>NGC 7435</b> 18"	<b>Peg</b> 5mm TV	<b>Galaxy SB(s)a</b> PF,VS,EON,UB,NND,R=F	<b>EF,S OF 7436</b>
<b>NGC 7436</b> 18"	<b>Peg</b> 5mm TV	<b>H243-3 Galaxy E</b> DIFF,PF,PS,R,UB,NND,R=F	<b>F,PS,F*ATT P,GBM</b>
<b>NGC 7662</b> 18"	<b>And</b> 5mm TV	<b>H18-4 Planetary Neb 4+3</b> ROUND AND BRIGHT, OIII, BLUE SNOWBALL, R=E!	<b>PLN ORRING,VB,PS,R</b>
<b>NGC 7671</b> 18"	<b>Peg</b> 5mm TV	<b>H226-3 Galaxy SA0:</b> PF,VS,OVAL,MEXT,FNUC,R=F	<b>PB,S,R,VSMBM,*9P</b>
<b>NGC 7691</b> 18"	<b>Peg</b> 5mm TV	<b>H213-3 Galaxy SAB(rs)bc</b> PF,PS,OVAL,UB,NND,R=F	<b>EF,PL,TRI W/2*10</b>
<b>NGC 7831</b> 18"	<b>And</b> 5mm TV	<b>Galaxy Sb: sp</b> PF,PS,OVAL,VEXT,UB,NND,R=F	<b>EF,VS,ME,VF*VNR</b>
<b>NGC 7836</b> 18"	<b>And</b> 5mm TV	<b>Galaxy I?</b> PF,PS,OVAL,UB,NND,R=F	<b>EF,VS,R,BET2*</b>
<b>PGC 11281</b> 18"	<b>Per</b> 5mm TV	<b>Galaxy</b> VF,PS,EON,NND,AV2,R=F, AKA/UGC-11281	
<b>PGC 62043</b> 18"	<b>Lyr</b> 5mm TV	<b>Galaxy S0</b> VF,VS,OVAL,EEXT,UB,NND,R=F, AKA/UGC-11278	
<b>PGC 68079</b> 18"	<b>Lac</b> 5mm TV	<b>Galaxy SBd:</b> VF,VS,OVAL,UB,NND,AV,R=F	



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**August 24, 2012 Hidden Hollow - RAS**

<b>PGC</b>	<b>68110</b>	<b>Lac</b>	<b>Galaxy SABbc</b>
	18"	5mm TV	VF,PS,OVAL,MEXT,UB,NND,R=F
<b>PGC</b>	<b>68171</b>	<b>Lac</b>	<b>Galaxy Sb</b>
	18"	5mm TV	VF,VS,R,UB,NND,R=F
<b>PGC</b>	<b>68482</b>	<b>Lac</b>	<b>Galaxy SAB(s)bc</b>
	18"	5mm TV	PF,PS,EON,NND,AV1,R=P,12 MAG STAR EAST EDGE
<b>PGC</b>	<b>71368</b>	<b>And</b>	<b>Galaxy Sdm</b>
	18"	5mm TV	VF,PS,R,UB,NND,AV2,R=F

**August 17, 2012 Hidden Hollow - RAS**

<b>NGC</b>	<b>7194</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>VF,VS,R,LBM</b>
	18"	7mm TV	F,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7335</b>	<b>Peg</b>	<b>H166-3 Galaxy SA(rs)0+</b>	<b>VF,VS</b>
	18"	7mm TV	F,PS,OVA,PRETTY EXTENDED,NND,R=F	
<b>NGC</b>	<b>7337</b>	<b>Peg</b>	<b>Galaxy SB(rs)b</b>	<b>EF,S,STELLAR</b>
	18"	7mm TV	VF,VS,OVAL,MEXT,NND,AV1,R=F	
<b>NGC</b>	<b>7340</b>	<b>Peg</b>	<b>Galaxy E?</b>	<b>VF,VS</b>
	18"	7mm TV	F,S,OVAL,MODERATELY EXTENDED,UB,NND,R=F	
<b>NGC</b>	<b>7353</b>	<b>Peg</b>	<b>Galaxy Sbc</b>	<b>EF</b>
	18"	7mm TV	F,EON,UB,NND,AV2,R=G	

**June 22, 2012 Hidden Hollow - RAS**

<b>IC</b>	<b>694</b>	<b>UMa</b>	<b>Galaxy SBm? pec</b>	
	18"	8.8 ES	PF,PS,R,UB,NND,R=F,PAIRED W/NGC-3690	
<b>NGC</b>	<b>3690</b>	<b>UMa</b>	<b>H247-1 Galaxy IBm pec</b>	<b>PB,PS,VLE80,PGBM</b>
	18"	8.8 ES	PF,PS,OVAL,UB,NND,R=F,PAIRED W/IC-694	
<b>NGC</b>	<b>3738</b>	<b>UMa</b>	<b>H783-2 Galaxy Im</b>	<b>PB,PL,BM</b>
	18"	8.8 ES	B,PS,OVAL,MEXT,UB,NND,R=F	
<b>PGC</b>	<b>54559</b>	<b>Ser</b>	<b>Galaxy</b>	
	18"	8.8 ES	VF,VS,R,,NND,AV-4,R=P, HOAG'S OBJECT, NO RING OBSERVED	

## Observations Listing by Date

May 23, 2012

Hidden Hollow - RAS

<b>IC</b>	<b>1042</b>	<b>Vir</b>	<b>Galaxy S0?</b>	
	18"	8.8 ES	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>2908</b>	<b>Dra</b>	<b>H977-3 Galaxy S</b>	<b>EF,VS</b>
	18"	8.8 ES	CF,CS,R,UB,NND,AV1,R=F	
<b>NGC</b>	<b>2938</b>	<b>Dra</b>	<b>H963-3 Galaxy SB(rs)cd</b>	<b>EF,S,IF,D*F3'</b>
	18"	8.8 ES	VF,CS,OVAL,MEXT,UB,NNE,AV2,R=F	
<b>NGC</b>	<b>3587</b>	<b>UMa</b>	<b>M97 Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
	18"	17mmAT	EYE CANDY	
<b>NGC</b>	<b>3718</b>	<b>UMa</b>	<b>H221-1 Galaxy SB(s)a pec</b>	<b>PB,VL,R,VGLBM</b>
	18"	8.8 ES	F,S,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>5221</b>	<b>Vir</b>	<b>H86-3 Galaxy Sb:</b>	<b>VF,S,VLE,1ST OF 3</b>
	18"	8.8 ES	PF,PS,EON,FNUC,MSB,R=F,PA=120	
<b>NGC</b>	<b>5222</b>	<b>Vir</b>	<b>H85-3 Galaxy E</b>	<b>CF,S,R,BM,2ND OF 3</b>
	18"	8.8 ES	VF,CS,OVAL,MEXT,UB,,NND,AV2,R=F,PA=50	
<b>NGC</b>	<b>5230</b>	<b>Vir</b>	<b>H87-3 Galaxy SA(s)c</b>	<b>F,L,E,VGBM,3RD OF 3</b>
	18"	8.8 ES	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>5257</b>	<b>Vir</b>	<b>H895-2 Galaxy SAB(s)b pec</b>	<b>VF,S,R,BM,P OF DNEB</b>
	18"	8.8 ES	PF,CS,OVAL,MEXT,FNUC,R=G,PA=135, PAIRED WITH NGC-5258, NO INTERATION VISIBLE	
<b>NGC</b>	<b>5258</b>	<b>Vir</b>	<b>H896-2 Galaxy SA(s)b: pec</b>	<b>F,S,IR,F OF DNEB</b>
	18"	8.8 ES	PF,PS,OVAL,MEXT,FNUC,R=G,PA=45, PAIRED W/NGC-5257, NO INTERATION VISIBLE	
<b>NGC</b>	<b>5426</b>	<b>Vir</b>	<b>H309-2 Galaxy SA(s)c pec</b>	<b>PF,CL,R,GMBM,SP OF 2</b>
	18"	8.8 ES	PB,PS,OVAL,FNUC,MSB,R=G,PA=5, PAIRED WITH NGC-5427	
<b>NGC</b>	<b>5427</b>	<b>Vir</b>	<b>H310-2 Galaxy SA(s)c pec</b>	<b>PF,CL,R,NF OF 2</b>
	18"	8.8 ES	PF,PL,OVAL,MEXT,FNUC,R=G, PA=90, PAIRED WITH NGC-5426	
<b>NGC</b>	<b>5560</b>	<b>Vir</b>	<b>H579-2 Galaxy SB(s)b pec</b>	<b>PF,CL,E,GBM</b>
	18"	8.8 ES	PB,PS,EON,FNUC,HSB,R=F,PA=150	
<b>NGC</b>	<b>5566</b>	<b>Vir</b>	<b>H144-1 Galaxy SB(r)ab</b>	<b>B,PL,R,PSBM,R,*F1.5'</b>
	18"	8.8 ES	PB,PS,OVAL,PEXT,BNUC,R=G, PAIRED WITH NGC-5569	
<b>NGC</b>	<b>5569</b>	<b>Vir</b>	<b>Galaxy SAB(rs)cd:</b>	<b>EF,PL,R</b>
	18"	8.8 ES	PF,PS,OVAL,MEXT,UB,NND,AV1,R=F, PAIRED WITH NGC-5566	
<b>NGC</b>	<b>5679A</b>	<b>Vir</b>	<b>Galaxy Sc</b>	
	18"	8.8 ES	PF,PS,OVAL,MEXT,UB,NND,R=F, PA=45	
<b>NGC</b>	<b>5679B</b>	<b>Vir</b>	<b>Non-Existent</b>	
	18"	8.8 ES	PF,PS,OVAL,MEXT,UB,NND,R=F, PA=145	
<b>NGC</b>	<b>5718</b>	<b>Vir</b>	<b>H550-3 Galaxy S0-:</b>	<b>VF,S,R,VGLBM,*8,9NF</b>
	18"	8.8 ES	CF,PS,OVAL,MEXT,UB,NND,AV2,R=F	
<b>NGC</b>	<b>5777</b>	<b>Dra</b>	<b>H806-3 Galaxy Sb</b>	<b>VF,VS,LE</b>
	18"	11mmT6	PF,PS,EON,UB,NND,R=F, PA=100	

## Observations Listing by Date

## May 23, 2012

## Hidden Hollow - RAS

<b>NGC 6218</b> 18"	<b>Oph</b> 17mmAT	<b>M12</b> GLOBULAR CLUSTER	<b>Globular</b> EYE CANDY	<b>GCL,VB,VL,IR,GMBM</b>
<b>NGC 6254</b> 18"	<b>Oph</b> 17mmAT	<b>M10</b> GLOBULAR CLUSTER	<b>Globular</b> EYE CANDY	<b>GCL,B,VL,R,GVMBM,RRR</b>
<b>NGC 6720</b> 18"	<b>Lyr</b> 17mmAT	<b>M57</b> EYE CANDY	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
<b>PGC 58960</b> 18"	<b>Dra</b> 8.8 ES		<b>Galaxy Sb</b> CF,CS,EON,UB,NND,AV2,R=F,PA=95	

## April 18, 2012

## Hidden Hollow - RAS

<b>NGC 3773</b> 18"	<b>Leo</b> 8.8 ES	<b>H81-3</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy S0</b>	<b>CF,CS,R,PSBM</b>
<b>NGC 3810</b> 18"	<b>Leo</b> 8.8 ES	<b>H21-1</b> PF,S,OVAL,FNUC,R=G	<b>Galaxy SA(rs)c</b>	<b>B,L,VLE</b>
<b>NGC 3872</b> 18"	<b>Leo</b> 8.8 ES	<b>H104-2</b> PF,PS,OVAL,FNUC,R=F	<b>Galaxy E5</b>	<b>B,S,R,SMBM*</b>
<b>NGC 4874</b> 18"	<b>Com</b> 8.8 ES	<b>H389-2</b> PF,PS,R,UB,NND,R=F	<b>Galaxy E+0</b>	<b>F,4869\$72 P</b>
<b>NGC 4889</b> 18"	<b>Com</b> 8.8 ES	<b>H391-2</b> PF,PS,R,MEXT,UB,NND,R=F	<b>Non-Existent</b>	<b>PB,PME,BM,*7N</b>
<b>NGC 5718</b> 18"	<b>Vir</b> 11mmT6	<b>H550-3</b> PB,PS,EON,FNUC,HSB,R=G, PA=60	<b>Galaxy S0-:</b>	<b>VF,S,R,VGLBM,*8,9NF</b>
<b>PGC 36759</b> 18"	<b>Leo</b> 8.8 ES		<b>Galaxy S?</b> VF,VS,OVAL,NND,AV2,R=F	

## Observations Listing by Date

**March 16, 2012 Hidden Hollow - RAS**

<b>IC</b>	<b>4725</b> 18"	<b>Sgr</b>	<b>M25</b> 17mmAT 2012 M.M.	<b>Open Cluster 8.0 I 3 m</b>	
<b>M</b>	<b>45</b> 18"	<b>Tau</b>	<b>M45</b> 17mmAT 2012 M.M.	<b>Open Cluster</b>	
<b>NGC</b>	<b>205</b> 18"	<b>And</b>	<b>M110 H18-5</b> 17mmAT 2012 M.M.	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
<b>NGC</b>	<b>221</b> 18"	<b>And</b>	<b>M32</b> 17mmAT 2012 M.M.	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
<b>NGC</b>	<b>224</b> 18"	<b>And</b>	<b>M31</b> 17mmAT 2012 M.M.	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
<b>NGC</b>	<b>581</b> 18"	<b>Cas</b>	<b>M103</b> 17mmAT 2012 M.M.	<b>Open Cluster 9.0 II 2 m</b>	<b>CL,PL,B,R,RI,*10..11</b>
<b>NGC</b>	<b>598</b> 18"	<b>Tri</b>	<b>M33 H17-5</b> 17mmAT 2012 M.M.	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
<b>NGC</b>	<b>650</b> 18"	<b>Per</b>	<b>M76 H193-1</b> 17mmAT 2012 M.M.	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
<b>NGC</b>	<b>1039</b> 18"	<b>Per</b>	<b>M34</b> 17mmAT 2012 M.M.	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,B,VL,LC,SC ST9</b>
<b>NGC</b>	<b>1904</b> 18"	<b>Lep</b>	<b>M79</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,PL,ERI,EC,RRR</b>
<b>NGC</b>	<b>1912</b> 18"	<b>Aur</b>	<b>M38</b> 17mmAT 2012 M.M.	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
<b>NGC</b>	<b>1952</b> 18"	<b>Tau</b>	<b>M1</b> 17mmAT 2012 M.M.	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
<b>NGC</b>	<b>1960</b> 18"	<b>Aur</b>	<b>M36</b> 17mmAT 2012 M.M.	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
<b>NGC</b>	<b>1976</b> 18"	<b>Ori</b>	<b>M42</b> 17mmAT 2012 M.M.	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
<b>NGC</b>	<b>1982</b> 18"	<b>Ori</b>	<b>M43 H1-3</b> 17mmAT 2012 M.M.	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
<b>NGC</b>	<b>2068</b> 18"	<b>Ori</b>	<b>M78</b> 17mmAT 2012 M.M.	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
<b>NGC</b>	<b>2099</b> 18"	<b>Aur</b>	<b>M37</b> 17mmAT 2012 M.M.	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
<b>NGC</b>	<b>2168</b> 18"	<b>Gem</b>	<b>M35</b> 17mmAT 2012 M.M.	<b>Open Cluster 8.0 III 3 r</b>	<b>CL,VL,CRI,PC,ST9..16</b>
<b>NGC</b>	<b>2287</b> 18"	<b>CMa</b>	<b>M41</b> 17mmAT 2012 M.M.	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,B,LC,ST 8...</b>

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<b>March 16, 2012</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>2323</b> 18"	<b>Mon</b> 17mmAT	<b>M50</b> 2012 M.M.	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,VL,RI,PC,E,</b>
<b>NGC</b>	<b>2422</b> 18"	<b>Pup</b> 17mmAT	<b>M47 H38-8</b> 2012 M.M.	<b>Open Cluster 5.0 I 3 m</b>	<b>CL,B,VL,PRI,ST L\$\$</b>
<b>NGC</b>	<b>2437</b> 18"	<b>Pup</b> 17mmAT	<b>M46</b> 2012 M.M.	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,VB,VRI,VL,INV PLN</b>
<b>NGC</b>	<b>2447</b> 18"	<b>Pup</b> 17mmAT	<b>M93</b> 2012 M.M.	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,L,PRI,LC,ST8...13</b>
<b>NGC</b>	<b>2548</b> 18"	<b>Hya</b> 17mmAT	<b>M48 H22-6</b> 2012 M.M.	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,PRI,PMC,*9..13</b>
<b>NGC</b>	<b>2632</b> 18"	<b>Cnc</b> 17mmAT	<b>M44</b> 2012 M.M.	<b>Open Cluster 6.0 II 3 m</b>	<b>PRAESEPE CANCRI</b>
<b>NGC</b>	<b>2682</b> 18"	<b>Cnc</b> 17mmAT	<b>M67</b> 2012 M.M.	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,VB,VL,ERI,LC,*10.</b>
<b>NGC</b>	<b>3031</b> 18"	<b>UMa</b> 17mmAT	<b>M81</b> 2012 M.M.	<b>Galaxy SA(s)ab</b>	<b>EB,EL,E156,GSVMBMBN 2</b>
<b>NGC</b>	<b>3034</b> 18"	<b>UMa</b> 17mmAT	<b>M82 H79-4</b> 2012 M.M.	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
<b>NGC</b>	<b>3351</b> 18"	<b>Leo</b> 17mmAT	<b>M95</b> 2012 M.M.	<b>Galaxy SB(r)b</b>	<b>B,L,R,PGMBMN</b>
<b>NGC</b>	<b>3368</b> 18"	<b>Leo</b> 17mmAT	<b>M96</b> 2012 M.M.	<b>Galaxy SAB(rs)ab</b>	<b>VB,VL,LE,VSVMBM,R</b>
<b>NGC</b>	<b>3379</b> 18"	<b>Leo</b> 17mmAT	<b>M105 H17-1</b> 2012 M.M.	<b>Galaxy E1</b>	<b>VB,CL,R,PSBM,R</b>
<b>NGC</b>	<b>3556</b> 18"	<b>UMa</b> 17mmAT	<b>M108 H46-5</b> 2012 M.M.	<b>Galaxy SB(s)cd sp</b>	<b>CB,VL,VME79,PBM,R</b>
<b>NGC</b>	<b>3587</b> 18"	<b>UMa</b> 17mmAT	<b>M97</b> 2012 M.M.	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
<b>NGC</b>	<b>3623</b> 18"	<b>Leo</b> 17mmAT	<b>M65</b> 2012 M.M.	<b>Galaxy SAB(rs)a</b>	<b>B,VL,ME165,GBMBN</b>
<b>NGC</b>	<b>3627</b> 18"	<b>Leo</b> 17mmAT	<b>M66</b> 2012 M.M.	<b>Galaxy SAB(s)b</b>	<b>B,VL,ME150,MBM,2*NP</b>
<b>NGC</b>	<b>3992</b> 18"	<b>UMa</b> 17mmAT	<b>M109 H61-4</b> 2012 M.M.	<b>Galaxy SB(rs)bc</b>	<b>CB,VL,PME,SBMBRN</b>
<b>NGC</b>	<b>4157</b> 18"	<b>UMa</b> 8.8 ES	<b>H208-1</b> PFB,PS,EON,FNUC,R=F, A.L.	<b>Galaxy SAB(s)b? sp</b> FLAT GALAXY	<b>PF,CL,VME60,(DOUBLE)</b>
<b>NGC</b>	<b>4173</b> 18"	<b>Com</b> 8.8 ES	<b>H372-2</b> PB,CS,EON,BNUC,R=G, A.L.	<b>Non-Existent</b> FLAT GALLAXY	

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<b>March 16, 2012</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>4183</b>	<b>CVn</b>	<b>H697-3</b>	<b>Galaxy SA(s)cd? sp</b>	<b>VF,CL,ME170</b>
	18"	8.8 ES	PF,S,EON,UB,NND,R=F,A.L.	FLAT GALAXY	
<b>NGC</b>	<b>4192</b>	<b>Com</b>	<b>M98</b>	<b>Galaxy SAB(s)ab</b>	<b>B,VL,VME152,VSVMBM</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4222</b>	<b>Com</b>	<b>H109-2</b>	<b>Galaxy Sd: sp</b>	<b>VF,PS,R</b>
	18"	8.8 ES	PF,CS,EON,UB,NND,R=F, A.L.	FLAT GALAXY	
<b>NGC</b>	<b>4254</b>	<b>Com</b>	<b>M99</b>	<b>Galaxy SA(s)c</b>	<b>B,L,R,GBM,R,3BRSPIRA</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4258</b>	<b>CVn</b>	<b>M106 H43-5</b>	<b>Galaxy Sb</b>	<b>VB,VL,VME0,SBMBN</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4303</b>	<b>Vir</b>	<b>M61 H139-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VSBM*,BIN</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4321</b>	<b>Com</b>	<b>M100</b>	<b>Galaxy SAB(s)bc</b>	<b>PF,VL,R,VG,PSBMRN</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4382</b>	<b>Com</b>	<b>M85</b>	<b>Galaxy SA(s)0+ pec</b>	<b>VB,PL,R,BM,*NP</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4472</b>	<b>Vir</b>	<b>M49</b>	<b>Galaxy E2</b>	<b>VB,L,R,MBM,R</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4486</b>	<b>Vir</b>	<b>M87</b>	<b>Galaxy E+0-1 pec</b>	<b>VB,VL,R,MBM,3RD OF 3</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4501</b>	<b>Com</b>	<b>M88</b>	<b>Galaxy SA(rs)b</b>	<b>B,VL,VME</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4548</b>	<b>Com</b>	<b>M91 H120-2</b>	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4569</b>	<b>Vir</b>	<b>M90</b>	<b>Galaxy SAB(rs)ab</b>	<b>PL,BMN</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4569</b>	<b>Vir</b>	<b>M90</b>	<b>Galaxy SAB(rs)ab</b>	<b>PL,BMN</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4579</b>	<b>Vir</b>	<b>M58</b>	<b>Galaxy SAB(rs)b</b>	<b>B,L,IR,VMBM,R</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4590</b>	<b>Hya</b>	<b>M68</b>	<b>Globular</b>	<b>GCL,L,ERI,VC,IR,ST12</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4594</b>	<b>Vir</b>	<b>M104 H43-1</b>	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMM</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4621</b>	<b>Vir</b>	<b>M59</b>	<b>Galaxy E5</b>	<b>B,PL,LE,VSVMBM,2*P</b>
	18"	17mmAT	2012 M.M.		
<b>NGC</b>	<b>4649</b>	<b>Vir</b>	<b>M60</b>	<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
	18"	17mmAT	2012 M.M.		

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<b>NGC</b>	<b>4736</b> 18"	<b>CVn</b>	<b>M94</b> 17mmAT 2012 M.M.	<b>Galaxy (R)SA(r)ab</b>	<b>VB,L,IR,VSVMBMBN,R</b>
<b>NGC</b>	<b>4826</b> 18"	<b>Com</b>	<b>M64</b> 17mmAT 2012 M.M.	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
<b>NGC</b>	<b>4826</b> 18"	<b>Com</b>	<b>M64</b> 17mmAT 2012 M.M.	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
<b>NGC</b>	<b>5024</b> 18"	<b>Com</b>	<b>M53</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,B,VC,IR,VVMBM,</b>
<b>NGC</b>	<b>5055</b> 18"	<b>CVn</b>	<b>M63</b> 17mmAT 2012 M.M.	<b>Galaxy SA(rs)bc</b>	<b>VB,L,PME120,VSMBMBN</b>
<b>NGC</b>	<b>5194</b> 18"	<b>CVn</b>	<b>M51</b> 17mmAT 2012 M.M.	<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
<b>NGC</b>	<b>5236</b> 18"	<b>Hya</b>	<b>M83</b> 17mmAT 2012 M.M.	<b>Galaxy SAB(s)c</b>	<b>VB,VL,E55,ESBMN,SPIR</b>
<b>NGC</b>	<b>5272</b> 18"	<b>CVn</b>	<b>M3</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>
<b>NGC</b>	<b>5457</b> 18"	<b>UMa</b>	<b>M101</b> 17mmAT 2012 M.M.	<b>Galaxy SAB(rs)cd</b>	<b>PB,VL,IR,G,VSMBMBSN 4</b>
<b>NGC</b>	<b>5866</b> 18"	<b>Dra</b>	<b>M102 H215-1</b> 17mmAT 2012 M.M.	<b>Galaxy SA0+ sp</b>	<b>VB,CL,PME146,GBM</b>
<b>NGC</b>	<b>5904</b> 18"	<b>Ser</b>	<b>M5</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,VB,L,ECM,*11..15</b>
<b>NGC</b>	<b>6093</b> 18"	<b>Sco</b>	<b>M80</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,VB,L,VMBM(VAR*)</b>
<b>NGC</b>	<b>6093</b> 18"	<b>Sco</b>	<b>M80</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,VB,L,VMBM(VAR*)</b>
<b>NGC</b>	<b>6121</b> 18"	<b>Sco</b>	<b>M4</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>CL,8OR1OB*LINE,RRR</b>
<b>NGC</b>	<b>6171</b> 18"	<b>Oph</b>	<b>M107 H40-6</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,L,VRI,VMC,R,RRR</b>
<b>NGC</b>	<b>6205</b> 18"	<b>Her</b>	<b>M13</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
<b>NGC</b>	<b>6218</b> 18"	<b>Oph</b>	<b>M12</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,VB,VL,IR,GMBM</b>
<b>NGC</b>	<b>6254</b> 18"	<b>Oph</b>	<b>M10</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,B,VL,R,GVMBM,RRR</b>
<b>NGC</b>	<b>6266</b> 18"	<b>Oph</b>	<b>M62</b> 17mmAT 2012 M.M.	<b>Globular</b>	<b>GCL,VB,L,GMBM,RRR,</b>

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NGC 6273 18"	Oph 17mmAT	M19 2012 M.M.	Globular	GCL,VB,L,R,VCM,RRR
NGC 6333 18"	Oph 17mmAT	M9 2012 M.M.	Globular	GCL,B,L,R,ECM,RRR,
NGC 6341 18"	Her 17mmAT	M92 2012 M.M.	Globular	GCL,VB,VL,ECM,ST S
NGC 6402 18"	Oph 17mmAT	M14 2012 M.M.	Globular	GCL,B,VL,R,ERI,VGMBM
NGC 6405 18"	Sco 17mmAT	M6 2012 M.M.	Open Cluster 5.5 II 3 r	CL,L,IR,LC,ST7,10...
NGC 6475 18"	Sco 17mmAT	M7 2012 M.M.	Open Cluster 7.0 I 3 r	CL,VB,PRI,LC,*7...12
NGC 6494 18"	Sgr 17mmAT	M23 2012 M.M.	Open Cluster 10.0 II 2 r	CL,B,VL,PRI,LC,*10..
NGC 6514 18"	Sgr 17mmAT	M20 H41-4 2012 M.M.	Nebula EN+OC	VB,VL,TRIFID,D*INV
NGC 6523 18"	Sgr 17mmAT	M8 2012 M.M.	Nebula E	VB,EL,EIF,W/LCL
NGC 6531 18"	Sgr 17mmAT	M21 2012 M.M.	Open Cluster 8.0 I 3 r	CL,PRI,LC,ST9...12
NGC 6603 18"	Sgr 17mmAT	M24 2012 M.M.	Open Cluster 14.0 I 2	CL,VRI,VMC,R,M WAY
NGC 6603 18"	Sgr 17mmAT	M24 2012 M.M.	Open Cluster 14.0 I 2	CL,VRI,VMC,R,M WAY
NGC 6611 18"	Ser 17mmAT	M16 2012 M.M.	Open Cluster 11.0 II 3 m n	CL,ATLEAST100* L\$\$
NGC 6613 18"	Sgr 17mmAT	M18 2012 M.M.	Open Cluster 8.7 II 3 p n	CL,P,VLC
NGC 6618 18"	Sgr 17mmAT	M17 2012 M.M.	Nebula EN+OC	B,EL,EIF,2HOOKED
NGC 6626 18"	Sgr 17mmAT	M28 2012 M.M.	Globular	GCL,VB,L,R,GECM,RRR
NGC 6637 18"	Sgr 17mmAT	M69 2012 M.M.	Globular	GCL,B,L,R,RRR,*14.16
NGC 6656 18"	Sgr 17mmAT	M22 2012 M.M.	Globular	GCL,VB,VL,R,VRI,VMC
NGC 6681 18"	Sgr 17mmAT	M70 2012 M.M.	Globular	GCL,B,PL,R,GBM,



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<b>NGC 6694</b> 18"	<b>Sct</b> 17mmAT	<b>M26</b> 2012 M.M.	<b>Open Cluster 11.0 II 3 m</b>	<b>CL,CL,PRI,PC,ST12.15</b>
<b>NGC 6705</b> 18"	<b>Sct</b> 17mmAT	<b>M11</b> 2012 M.M.	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,VB,L,IR,RI,*9,</b>
<b>NGC 6715</b> 18"	<b>Sgr</b> 17mmAT	<b>M54</b> 2012 M.M.	<b>Globular</b>	<b>GCL,VB,L,R,G,SMBM,</b>
<b>NGC 6720</b> 18"	<b>Lyr</b> 17mmAT	<b>M57</b> 2012 M.M.	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
<b>NGC 6779</b> 18"	<b>Lyr</b> 17mmAT	<b>M56</b> 2012 M.M.	<b>Globular</b>	<b>GCL,B,L,IR,GVMCM,RRR</b>
<b>NGC 6809</b> 18"	<b>Sgr</b> 17mmAT	<b>M55</b> 2012 M.M.	<b>Globular</b>	<b>GCL,PB,L,R,VRI,VGBM</b>
<b>NGC 6838</b> 18"	<b>Sge</b> 17mmAT	<b>M71</b> 2012 M.M.	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>
<b>NGC 6853</b> 18"	<b>Vul</b> 17mmAT	<b>M27</b> 2012 M.M.	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBEL</b>
<b>NGC 6864</b> 18"	<b>Sgr</b> 17mmAT	<b>M75</b> 2012 M.M.	<b>Globular</b>	<b>GCL,B,PL,R,VMBMBN,RR</b>
<b>NGC 6913</b> 18"	<b>Cyg</b> 17mmAT	<b>M29</b> 2012 M.M.	<b>Open Cluster 9.0 II 3 m n</b>	<b>CL,P,LC,STL\$\$</b>
<b>NGC 6994</b> 18"	<b>Aqr</b> 17mmAT	<b>M73</b> 2012 M.M.	<b>Open Cluster 11.1 IV 1 p</b>	<b>CL,EP,VLC,NO NEB</b>
<b>NGC 7078</b> 18"	<b>Peg</b> 17mmAT	<b>M15</b> 2012 M.M.	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
<b>NGC 7092</b> 18"	<b>Cyg</b> 17mmAT	<b>M39</b> 2012 M.M.	<b>Open Cluster 7.0 III 2 m</b>	<b>CL,VL,VP,VLC,*7...10</b>
<b>NGC 7654</b> 18"	<b>Cas</b> 17mmAT	<b>M52</b> 2012 M.M.	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>
<b>WINN 4</b> 18"	<b>UMa</b> 17mmAT	<b>M40</b> 2012 M.M.	<b>Unknown STAR</b>	

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<b>NGC</b>	<b>1535</b>	<b>Eri</b>	<b>H26-4</b>	<b>Planetary Neb 4+2c</b>	<b>PLN,VB,S,R,PS,VSBM,R</b>
	18"	11mmT6	OIII FILTER - VERY NICE PLANETARY		
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	18"	17mmAT	FIRST OBJECT WITH 18" F/4.5 ASTROSYSTEMS		
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
	18"	17mmT4	SECOND OBJECT		
<b>NGC</b>	<b>2068</b>	<b>Ori</b>	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
	18"	17mmT4	OBSERVED WITH 18" ASTROSYSTEMS		
<b>NGC</b>	<b>2346</b>	<b>Mon</b>	<b>H65-4</b>	<b>Planetary Neb 3b+4</b>	<b>*10AFF W/ S,VF,NEB</b>
	18"	11mmT6	OIII FILTER - VERY NICE PLANETARY		
<b>NGC</b>	<b>2351</b>	<b>CMa</b>		<b>Non-Existent</b>	<b>CL,LC,**TAKEN</b>
	18"	17mmT4	OIII FILTER - THOR'S HELMUT - GREAT OBJECT		
<b>NGC</b>	<b>2438</b>	<b>Pup</b>	<b>H39-4</b>	<b>Planetary Neb 4+2</b>	<b>PLN,PB,PS,VLE,R</b>
	18"	11mmT6	OIII FILTER - VERY NICE PLANETARY		
<b>NGC</b>	<b>2440</b>	<b>Pup</b>	<b>H64-4</b>	<b>Planetary Neb 5+3</b>	<b>PLN,CB,NOT VWELL DEF</b>
	18"	7mm TV	OIII FILTER - VERY NICE PLANETARY		
<b>NGC</b>	<b>2903</b>	<b>Leo</b>	<b>H56-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>CB,VL,E,GMBM,R,SPOF2</b>
	18"	11mmT6	OBSERVED WITH 18" ASTROSYSTEMS		
<b>PGC</b>	<b>22506</b>	<b>Cnc</b>		<b>Galaxy Sb</b>	
	18"	7mm TV	VF,VS,EON,AV,R=F. AKA - UGC-4171, A.L. FLAT GALAXY		

## Observations Listing by Date

## September 1, 2011 Hidden Hollow - RAS

<b>NGC</b>	<b>6745</b>	<b>Lyr</b>	<b>Galaxy Sm</b>	<b>VF,LE NS</b>
	31"	17mmT4	PF,PS,OVAL,PEXT,FNUC,R=G,PA=100	
<b>NGC</b>	<b>7052</b>	<b>Vul</b>	<b>H145-3 Galaxy E</b>	<b>F,S,VLE,R</b>
	31"	17mmT4	PB,PS,OVAL,PEXT,FNUC,R=G	
<b>NGC</b>	<b>7053</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>PB,S,VLE</b>
	12"	17mmT4	PF,PS,R,FNUC,R=G	
<b>NGC</b>	<b>7177</b>	<b>Peg</b>	<b>H247-2 Galaxy SAB(r)b</b>	<b>PB,PS,R,BMN,R,*SP</b>
	31"	17mmT4	PB,PS,OVAL,PEXT,BNUC,R=G	
<b>NGC</b>	<b>7283</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>VF,VS,R</b>
	31"	17mmT4	CF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>7290</b>	<b>Peg</b>	<b>Galaxy SA(r)bc</b>	<b>PB,S,PME</b>
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>7291</b>	<b>Peg</b>	<b>Galaxy S0</b>	<b>EF,ES,R,SMBM</b>
	31"	17mmT4	PF,PS,R,FNUC,R=F	
<b>PGC</b>	<b>62556</b>	<b>Lyr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,UB,NND,AV3,R=P	
<b>PGC</b>	<b>62559</b>	<b>Lyr</b>	<b>Galaxy S</b>	
	31"	17mmT4	F,CS,R,UB,NND,R=F,DV	
<b>PGC</b>	<b>62560</b>	<b>Lyr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,ES,OVAL,UB,NND,AV2,R=F	
<b>PGC</b>	<b>62595</b>	<b>Lyr</b>	<b>Galaxy Sab</b>	
	31"	17mmT4	PF,PS,OVAL,MEXT,UB,NND,R=F	
<b>PGC</b>	<b>62606</b>	<b>Lyr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,UB,NND,AV2,R=P	
<b>PGC</b>	<b>62613</b>	<b>Lyr</b>	<b>Galaxy E?</b>	
	31"	17mmT4	CF,CS,OVAL,UB,NND,R=F,DV	
<b>PGC</b>	<b>62664</b>	<b>Lyr</b>	<b>Galaxy</b>	
	31"	17mmT4	CF,VS,OVAL,NND,R=P, PAIRED W/PGC-62665	
<b>PGC</b>	<b>62665</b>	<b>Lyr</b>	<b>Galaxy S</b>	
	31"	17mmT4	CF,VS,R,UB,NND,R=F, PAIRED W/PGC-62664	
<b>PGC</b>	<b>62702</b>	<b>Lyr</b>	<b>Galaxy Scd:</b>	
	31"	17mmT4	DIFF,CF,PS,OVAL,MEXT,UB,NND,AV,R=F	
<b>PGC</b>	<b>66538</b>	<b>Vul</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,CS,R,BNUC,R=G	
<b>PGC</b>	<b>67897</b>	<b>Peg</b>	<b>Galaxy SB?</b>	
	31"	17mmT4	CF,CS,R,UB,NND,R=F	
<b>PGC</b>	<b>68952</b>	<b>Peg</b>	<b>Galaxy C</b>	
	31"	17mmT4	CF,CS,R,UB,NND,R=F	

## Observations Listing by Date

**September 1, 2011 Hidden Hollow - RAS**

**PGC 69025 Peg Galaxy S**  
31" 17mmT4 CF,VS,R,UB,NND,AV3,R=P

**August 25, 2011 Hidden Hollow - RAS**

**NGC 3218 Dra H283-1 Galaxy SB(s)bc: CB,CL,ER,**  
12" 5mm TV F,VS,OVAL,MEXT,UB,NND,AV1,R=P

**NGC 3397 Dra H284-1 Galaxy (R)SA(r)b: CB,VS,IF**  
12" 5mm TV F,VS,OVAL,PEXT,UB,FNUC,R=F

**NGC 6952 Cep Galaxy SAB(rs)bc PB,OVAL,DIF,\*15NR F**  
12" 5mm TV PF,CS,R,UB,FNUC,R=G

**NGC 7507 Scl H2-2 Galaxy E0 PB,CS,R,PSVMBM,\*10NP**  
12" 7mm TV PF,PS,R,FNUC,R=G, LAST OBJECT FOR HERSCHEL 400 II LIST.

**NGC 7513 Scl Galaxy (R')SB(s)b pec VF,PL,E,GBM**  
12" 7mm TV PF,PS,OVAL,MEXT,FNUC,R=G

**NGC 7619 Peg H439-2 Galaxy E CB,PS,R,PSBM**  
12" 7mm TV PF,PS,R,FNUC,R=G

**NGC 7626 Peg H440-2 Galaxy E pec: CB,PS,R,PSBM**  
12" 7mm TV PF,PS,R,FNUC,R=G

**PGC 69858 Peg Galaxy S0?**  
12" 5mm TV VF,VS,R,UB,NND,AV,R=P

**July 31, 2011 Hidden Hollow - RAS**

**NGC 1544 Cep Galaxy S? VF,VS**  
12" 5mm TV VF,VS,R,UB,NND,R=F

**NGC 6337 Sco Planetary Neb 4 RINGNEB,EF,S,AM ST**  
12" 7mm TV F,VS,,R=F,SMUDGE WITH TWO FOREGROUND STARS

**PGC 60346 Oph Galaxy SB(rs)c**  
12" 5mm TV F,CS,MR,UB,NND,AV2,R=P

**PGC 61214 Oph Galaxy Sd:**  
12" 5mm TV VF,CS,OVAL,MEXT,UB,NND,AV1,R=F

**PGC 61300 Oph Galaxy Scd:**  
12" 5mm TV F,CS,EON,UB,NND,R=F

## Observations Listing by Date

## July 25, 2011

## Hidden Hollow - RAS

NGC	6530	Sgr	Open Cluster 6.0 II 2 m n	CL,B,L,PRI,FM8
	12"		32mmUW B,L,R=E, LP-2 FILTER.	
NGC	6960	Cyg	H15-5 Nebula E	PB,CL,EIF,KAPPACYGIN
	12"		32mmUW B,VL,R=E!! LP-2 FILTER, EXTENDS N.E. TO S.W WITH N.E. LARGER	
NGC	6992	Cyg	H14-5 Nebula E	EF,EL,EE,EIF,BIFID
	12"		32mmUW B,L,R=E! LP-2 FILTER, WISPY FILEMENTS	
NGC	7000	Cyg	H37-5 Nebula E	F,EEL,DIF NEBULOSITY
	12"		32mmUW B,VL,R=E!! LP-2 FILTER, OUTSTANDING	
PGC	63311	Cyg	Galaxy Sb	
	12"		7mm TV VF,VS,OVAL,UB,NNS,R=F,AV1	
PGC	63440	Cyg	Galaxy S0-:	
	12"		7mm TV VF,VS,OVAL,UB,NND,R=P,AV1	
PGC	63552	Cyg	Galaxy S?	
	12"		7mm TV VF,VS,OVAL,UB,NND,R=P	
PGC	63766	Cyg	Galaxy SAB(s)bc	
	12"		7mm TV VF,CS,OVAL,NND,R=P	
PGC	67049	Cyg	Galaxy SAB0^	
	12"		7mm TV VF,VS,OVAL,UB,NND,R=F	
PGC	67246	Cyg	Galaxy SB?	
	12"		7mm TV VF,VS,OVAL,UB,NND,R=P,AV4	

## July 19, 2011

## Hidden Hollow - RAS

NGC	6526	Sgr	H9-5 Nebula E	F,L,CE
	12"		11mmT6 F,L, EBULOSITY, INTERMITENT DARK BAND, OIII DIDN'T SEEM TO HELP.	
PGC	67049	Cyg	Galaxy SAB0^	
	12"		7mm TV VF,VS,OVAL,UB,NND,R=P	

## July 4, 2011

## Hidden Hollow - RAS

NGC	3587	UMa	M97 Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM
	12"		11mmT6 LAST OBJECT OF THE NIGHT. BACK TO WORK.	
NGC	5194	CVn	M51 Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
	12"		7mm TV SUPERNOVE SEEN, REMARKABLE ARM STRUCTURE, R=GREAT	
NGC	6121	Sco	M4 Globular	CL,8OR1OB*LINE,RRR
	12"		17mmT4 GOOD LOOKING	
NGC	6333	Oph	M9 Globular	GCL,B,L,R,ECM,RRR,
	12"		11mmT6 FINE OBJECT	
NGC	6656	Sgr	M22 Globular	GCL,VB,VL,R,VRI,VMC
	12"		11mmT6 FINE OBJECT	

## Observations Listing by Date

<b>June 5, 2011</b>		<b>Hidden Hollow - RAS</b>			
<b>MAC</b>	<b>1432+3557</b>	<b>Boo</b>		<b>Galaxy</b>	
	31"	17mmT4	CF,CS,OVAL,UB,NND,R=F		
<b>MAC</b>	<b>1432+3601</b>	<b>Boo</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,UB,NND,AV,R=P		
<b>NGC</b>	<b>5613</b>	<b>Boo</b>		<b>Galaxy (R)SAB(r)0+</b>	<b>EF,PS,DIF,2'N OF5614</b>
	31"	17mmT4	CF,CS,OVAL,MEXT,UB,NND,R=F		
<b>NGC</b>	<b>5614</b>	<b>Boo</b>	<b>H420-2</b>	<b>Galaxy SA(r)ab pec</b>	<b>PB,S,R,SMBM</b>
	31"	17mmT4	PF,PS,R,BNUC,R=G		
<b>NGC</b>	<b>5646</b>	<b>Boo</b>		<b>Galaxy SBb:</b>	<b>EF,E SPNF,45"L</b>
	31"	17mmT4	F,S,OVAL,PEXT,UB,NND,R=F,PA=170, MAG 10 STAR AT SOUTHERN TIP		
<b>NGC</b>	<b>5656</b>	<b>Boo</b>	<b>H421-2</b>	<b>Galaxy Sab</b>	<b>PF,PL,R,MBM,R</b>
	31"	17mmT4	PF,PS,R,BNUC,HSB,R=G, POSSIBLE ARM STRUCTURE DETECTED.		
<b>NGC</b>	<b>5675</b>	<b>Boo</b>	<b>H422-2</b>	<b>Galaxy S?</b>	<b>F,PS,E,BM</b>
	31"	17mmT4	F,S,OVAL,VEXT,FNUC,HSB,R=F,PA=40		
<b>NGC</b>	<b>5684</b>	<b>Boo</b>	<b>H421-3</b>	<b>Galaxy S0</b>	<b>F,CS,R,BM,P OF 2</b>
	31"	17mmT4	PF,PS,R,FNUC,R=F		
<b>NGC</b>	<b>5686</b>	<b>Boo</b>		<b>Galaxy Sa</b>	<b>VF,S,R,F OF 2</b>
	31"	17mmT4	PF,CS,R,FNUC,R=F		
<b>NGC</b>	<b>5695</b>	<b>Boo</b>	<b>H423-2</b>	<b>Galaxy S?</b>	<b>PB,CS,R,BM,R</b>
	31"	17mmT4	PF,CS,R,BNUC,R=F,DETECTED KNOT ON WEST SIDE.		
<b>NGC</b>	<b>5753</b>	<b>Boo</b>		<b>Galaxy</b>	<b>F,BM,NP5754</b>
	31"	17mmT4	PF,PS,R,FNUC,HSB,R=G		
<b>NGC</b>	<b>5754</b>	<b>Boo</b>	<b>H687-3</b>	<b>Galaxy SB(rs)b</b>	<b>CF,CS,R,BM</b>
	31"	17mmT4	PF,S,R,FNUC,HSB,R=G		
<b>NGC</b>	<b>5772</b>	<b>Boo</b>		<b>Galaxy SA(r)b:</b>	<b>PB,PL,LE,PSLBM,*8NP</b>
	31"	17mmT4	PF,PS,OVAL,PEXT,FNUC,HSB,R=G,PA=120		
<b>NGC</b>	<b>6144</b>	<b>Sco</b>	<b>H10-6</b>	<b>Globular</b>	<b>CL,CL,MC,GBM,RRR</b>
	12"	17mmT4	NICE GLOB.		
<b>PGC</b>	<b>51443</b>	<b>Boo</b>		<b>Galaxy L</b>	
	31"	17mmT4	CF,CS,R,UB,NND,R=F		
<b>PGC</b>	<b>51447</b>	<b>Boo</b>		<b>Galaxy L</b>	
	31"	17mmT4	VF,CS,OVAL,MEXT,UB,NND,R=F		
<b>PGC</b>	<b>51464</b>	<b>Boo</b>		<b>Galaxy S</b>	
	31"	17mmT4	F,PS,EEXT,UB,FNUC,R=G,PA=40		
<b>PGC</b>	<b>51470</b>	<b>Boo</b>		<b>Galaxy SBa</b>	
	31"	17mmT4	F,CS,OVAL,VEXT,UB,NND,R=F,PA=170		
<b>PGC</b>	<b>51477</b>	<b>Boo</b>		<b>Galaxy Sc</b>	
	31"	17mmT4	VF,CS,OVAL,VEXT,UB,NND,R=F,PA=60		

## Observations Listing by Date

**June 5, 2011****Hidden Hollow - RAS**

<b>PGC 51692</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy SBab</b> VF,CS,OVAL,UB,NND,R=G
<b>PGC 51792</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy S</b> CF,VS,OVAL,UB,NND,R=F,PAIRED W/PGC51800
<b>PGC 51800</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy Sa</b> VF,VS,OVAL,UB,NND,R=F,PAIRED WPGC51792
<b>PGC 51872</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy Sc</b> F,VS,OVAL,UB,NND,AV,R=F
<b>PGC 51881</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy L</b> F,S,R,UB,NND,R=F
<b>PGC 51928</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy S</b> CF,CS,OVAL,VEXT,UB,NND,R=F
<b>PGC 52027</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy SBb</b> DIFF,VF,CS,R,UB,NND,R=F
<b>PGC 52160</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy S0</b> PF,CS,EON,FNUC,R=F
<b>PGC 52183</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy S0/a</b> PF,CS,R,BNUC,R=G
<b>PGC 52301</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy SBR</b> VF,VS,R,UB,NND,AV,R=P
<b>PGC 52358</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy</b> VF,ES,OVAL,UB,NND,R=F
<b>PGC 52373</b> 31"	<b>Boo</b> 17mmT4	<b>Galaxy Sc</b> VF,VS,R,UB,NND,AV,R=P

## Observations Listing by Date

May 30, 2011

## Hidden Hollow - RAS

<b>NGC</b>	<b>5921</b>	<b>Ser</b>	<b>H148-1</b>	<b>Galaxy SB(r)bc</b>	<b>CB,CL,IR,VSBM*12,AM*</b>
	12"	7mm TV	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>5928</b>	<b>Ser</b>	<b>H874-2</b>	<b>Galaxy S0</b>	<b>PB,CS,R,PSBM,*7N</b>
	12"	7mm TV	PF,CS,R,UB,NND,R=F		
<b>NGC</b>	<b>5953</b>	<b>Ser</b>	<b>H178-2</b>	<b>Galaxy SAa: pec</b>	<b>PB,CS,P OF D NEB</b>
	12"	7mm TV	PF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>5954</b>	<b>Ser</b>	<b>H179-2</b>	<b>Galaxy SAB(rs)cd: pec</b>	<b>PB,CS,F OF D NEB</b>
	12"	7mm TV	PF,CS,OVAL,PEXT,UB,NND,R=F		
<b>NGC</b>	<b>5964</b>	<b>Ser</b>		<b>Galaxy SB(rs)d</b>	<b>EF,VL,R,VGBM,R</b>
	12"	7mm TV	DIFF,CF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>5990</b>	<b>Ser</b>	<b>H425-2</b>	<b>Galaxy (R')Sa pec?</b>	<b>VF,VS,R,GBM</b>
	12"	7mm TV	CF,CS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>5996</b>	<b>Ser</b>	<b>H97-2</b>	<b>Galaxy S?</b>	<b>PF,CS,R,R,BET 2D*</b>
	12"	7mm TV	PF,PS,OVAL,UB,NND,R=P		
<b>NGC</b>	<b>6012</b>	<b>Ser</b>	<b>H657-2</b>	<b>Galaxy (R)SB(r)ab:</b>	<b>F,BET 2B ST</b>
	12"	7mm TV	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>6118</b>	<b>Ser</b>	<b>H402-2</b>	<b>Galaxy SA(s)cd</b>	<b>VF,CL,CE45,R</b>
	12"	7mm TV	PF,PS,OVAL,PEXT,UB,NND,R=F		



## Observations Listing by Date

**April 29, 2011****Hidden Hollow - RAS**

<b>NGC 3020</b> 12"	<b>Leo</b> 5mm TV	<b>H51-3</b> CF,PS,OVAL,MEXT,R=F,PA=50	<b>Galaxy SB(r)cd:</b>	<b>EF,PS,LE0,R</b>
<b>NGC 4116</b> 12"	<b>Vir</b> 7mm TV	<b>H17-2</b> DIFF,CF,PS,OVAL,AV,R=F,PA=120	<b>Galaxy SB(rs)dm</b>	<b>VF,E,SPOF2,HOOKSHAPE</b>
<b>NGC 4235</b> 12"	<b>Vir</b> 5mm TV	<b>H17-2</b> PF,PS,EON,FNUC,R=G,PA=45	<b>Galaxy SA(s)a sp</b>	<b>PB,PL,PME,BM,P OF 2</b>
<b>NGC 5520</b> 12"	<b>Boo</b> 7mm TV	<b>H676-3</b> PF,PS,OVAL,MEXT,FNUC,R=F	<b>Galaxy Sb</b>	<b>F,S,LE,STELLAR</b>
<b>NGC 5582</b> 12"	<b>Boo</b> 7mm TV	<b>H754-2</b> PF,PS,OVAL,BNUC,R=G,PA=95	<b>Galaxy E</b>	<b>PB,PS,R,BMFN,*SP</b>
<b>NGC 5587</b> 12"	<b>Boo</b> 7mm TV	<b>H110-3</b> PF,PS,OVAL,VEXT,UB,NND,R=F	<b>Galaxy S0/a</b>	<b>F,CS,VLE,*8SF</b>
<b>NGC 6338</b> 12"	<b>Dra</b> 5mm TV	<b>H812-2</b> VF,CS,OVAL,UB,NND,R=F	<b>Galaxy S0</b>	<b>F,S,R,VGLBM</b>
<b>NGC 6370</b> 12"	<b>Dra</b> 5mm TV	<b>H812-2</b> CF,CS,R,UB,NND,R=F,STAR TO S.W.	<b>Galaxy E</b>	<b>VF,VS,R,B*NR N</b>
<b>NGC 6521</b> 12"	<b>Dra</b> 5mm TV	<b>H812-2</b> CF,CS,R,UB,NND,R=F	<b>Galaxy E</b>	<b>F,PL,3RD OF 3</b>
<b>NGC 6651</b> 12"	<b>Dra</b> 5mm TV	<b>H812-2</b> VF,CS,OVAL,UB,NND,R=F	<b>Galaxy SA(r)c</b>	<b>EEF,PS,LE,VDIFFIC</b>
<b>NGC 6691</b> 12"	<b>Dra</b> 5mm TV	<b>H812-2</b> CF,VS,R,UB,NND,R=F	<b>Galaxy SB(rs)bc</b>	<b>VF,PL,R,PB*S NR</b>
<b>PGC 29488</b> 12"	<b>Leo</b> 17mmAT	<b>H51-3</b> DIFF,CF,PS,OVAL,UB,NND,R=F	<b>Galaxy E3</b>	

## Observations Listing by Date

<b>March 28, 2011</b>		<b>Hidden Hollow - RAS</b>		
<b>NGC</b>	<b>1990</b>	<b>Ori</b>	<b>H34-5</b>	<b>Nebula E+R</b>
	12"	17mmAT	PF,PS,R=F,OIII	FILTER, SOME NEBULOSITY?
				<b>EL,E,EPSILONORI INV P</b>
<b>NGC</b>	<b>2170</b>	<b>Mon</b>	<b>H19-4</b>	<b>Nebula R</b>
	12"	17mmAT	SMALL, FAINT,IRREGULAR,R=F, OIII	FILTER
				<b>*9 INV F,PL,NEB,E170</b>
<b>NGC</b>	<b>2182</b>	<b>Mon</b>	<b>H38-4</b>	<b>Nebula R</b>
	12"	11mmT6	VF,VS,IRREGULAR,R=F, OIII	
				<b>PB**,L*NEB,E90</b>
<b>NGC</b>	<b>2245</b>	<b>Mon</b>	<b>H3-4</b>	<b>Nebula R</b>
	12"	11mmT6	PF,VS,R=F,OIII	
				<b>PL,COM,MBN SFALM*</b>
<b>NGC</b>	<b>2253</b>	<b>Cam</b>	<b>H54-7</b>	<b>Open Cluster</b>
	12"	5mm TV	NON-EXISTENT PER NGC/IC PROJECT.	
				<b>VF,ST ES</b>
<b>NGC</b>	<b>2261</b>	<b>Mon</b>	<b>H2-4</b>	<b>Nebula E+R</b>
	12"	11mmT6	VF,VS,R=F,OIII	
				<b>B,VME330,N COM=*11</b>
<b>NGC</b>	<b>2316</b>	<b>Mon</b>	<b>H304-2</b>	<b>Nebula E+R</b>
	12"	11mmT6	PF,VS,R=F,OIII	
				<b>PF,S,R,R,S ST INV</b>
<b>NGC</b>	<b>2327</b>	<b>CMa</b>	<b>H25-4</b>	<b>Nebula</b>
	12"	7mm TV	SMALL,FAINT,R=F,OIII	
				<b>PB**INV INS,VF,NEB</b>
<b>NGC</b>	<b>2396</b>	<b>Pup</b>	<b>H36-8</b>	<b>Open Cluster 11.0 IV 1 m</b>
	12"	11mmT6	PF,PS,LOOSE,R=F	
				<b>CL,VL,VLC</b>
<b>NGC</b>	<b>2414</b>	<b>Pup</b>	<b>H37-8</b>	<b>Open Cluster 8.2 I 3 m</b>
	12"	11mmT6	F,PS,R=F,TIGHT	
				<b>CL,P,LC,ST9,\$C</b>
<b>NGC</b>	<b>2432</b>	<b>Pup</b>	<b>H36-6</b>	<b>Open Cluster II 2 m</b>
	12"	11mmT6	F,S,R=F,TIGHT IN A LINE	
				<b>CL,PL,PC,E0,ST L\$\$</b>
<b>NGC</b>	<b>2467</b>	<b>Pup</b>	<b>H22-4</b>	<b>Open Cluster I 3 m n</b>
	12"	11mmT6	F,S,R=G, NICE GROUP W/ASSOCIATED NEBULOSITY	
				<b>PB,VL,R,ER,*8M</b>
<b>NGC</b>	<b>2493</b>	<b>Lyn</b>	<b>H750-3</b>	<b>Galaxy SB0</b>
	12"	7mm TV	VF,PS,R,UB,NND,AV,R=F	
				<b>CB,S,R,SBM</b>
<b>NGC</b>	<b>2500</b>	<b>Lyn</b>	<b>H709-3</b>	<b>Galaxy SB(rs)d</b>
	12"	5mm TV	VF,PS,R,UB,NND,R=F	
				<b>F,L,R,VGBM,R,AM ST</b>
<b>NGC</b>	<b>2541</b>	<b>Lyn</b>	<b>H710-3</b>	<b>Galaxy SA(s)cd</b>
	12"	11mmT6	DIFF,PF,PS,OVAL,MEXT,UB,NND,R=G	
				<b>F,L,E,VGBM</b>
<b>NGC</b>	<b>2756</b>	<b>UMa</b>	<b>H828-2</b>	<b>Galaxy Sb</b>
	12"	7mm TV	VF,VS,OVAL,UB,NND,R=F	
				<b>PB,PS,E,VGBM</b>
<b>NGC</b>	<b>3065</b>	<b>UMa</b>	<b>H333-2</b>	<b>Galaxy SA(r)0^A</b>
	12"	5mm TV	VF,PS,R,UB,NND,AV,R=F	
				<b>PF,VS,R,BM,*11NR</b>
<b>NGC</b>	<b>3073</b>	<b>UMa</b>	<b>H853-3</b>	<b>Galaxy SAB0-</b>
	12"	5mm TV	VF,VS,R,UB,NND,AV,R=F	
				<b>VF,S,VGLBM</b>
<b>NGC</b>	<b>3156</b>	<b>Sex</b>	<b>H255-3</b>	<b>Galaxy S0:</b>
	12"	7mm TV	PF,CS,OVAL,PEXT,FNUC,R=G,PA=45	
				<b>F,CS,R,PSBM,*9,10SF2</b>

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<b>March 28, 2011</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>3225</b>	<b>UMa</b>	<b>H882-2</b>	<b>Galaxy Scd:</b>	<b>CF,PL,LE,VGBM</b>
	12"	5mm TV	VF,VS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3424</b>	<b>LMi</b>	<b>H494-2</b>	<b>Galaxy SB(s)b?:</b>	<b>PF,PL,LE,SP OF 3</b>
	12"	7mm TV	PF,CS,EON,UB,NND,R=F,PA=120		
<b>NGC</b>	<b>3430</b>	<b>LMi</b>	<b>H118-1</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,L,IE,GBM,2ND OF 3</b>
	12"	7mm TV	PF,PS,OVAL,MEXT,UB,NND,R=F		
<b>NGC</b>	<b>3652</b>	<b>UMa</b>	<b>H775-2</b>	<b>Galaxy Scd?</b>	<b>PF,CL,LE,VGBM</b>
	12"	5mm TV	PF,PS,OVAL,UB,NND,R=F,PA=115		
<b>NGC</b>	<b>3683</b>	<b>UMa</b>	<b>H246-1</b>	<b>Galaxy SB(s)c?</b>	<b>CB,PL,E</b>
	12"	5mm TV	VF,PS,OVAL,UB,NND,AV,R=F		
<b>NGC</b>	<b>4062</b>	<b>UMa</b>	<b>H174-1</b>	<b>Galaxy SA(s)c</b>	<b>PB,VL,ME97,VGBM</b>
	12"	7mm TV	PF,PS,OVAL,PEXT,R=G,BRIGHTER TOWARDS THE MIDDLE		
<b>NGC</b>	<b>4105</b>	<b>Hya</b>	<b>H865-2</b>	<b>Galaxy E3</b>	<b>PF,PS,R,PSBM,R,P OF 2</b>
	12"	7mm TV	PF,PS,OVAL,MEXT,FNUC,R=F		
<b>NGC</b>	<b>4106</b>	<b>Hya</b>	<b>H866-2</b>	<b>Galaxy SB(s)0+</b>	<b>PF,PS,R,PGBM, F OF 2</b>
	12"	7mm TV	PF,CS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>4271</b>	<b>UMa</b>	<b>H804-2</b>	<b>Galaxy S0-:</b>	<b>PB,PL,IF</b>
	12"	5mm TV	PF,VS,OVAL,VFNUC,R=F		
<b>NGC</b>	<b>4956</b>	<b>CVn</b>	<b>H413-2</b>	<b>Galaxy S0</b>	<b>PB,CS,R,SMBM</b>
	12"	7mm TV	PF,CS,R,FNUC,R=F		
<b>NGC</b>	<b>5023</b>	<b>CVn</b>	<b>H664-2</b>	<b>Galaxy Scd: sp</b>	<b>PF,L,ME20,VLBM</b>
	12"	7mm TV	PF,PS,EON,UB,NND,R=F,PA=90		
<b>NGC</b>	<b>5103</b>	<b>CVn</b>	<b>H665-2</b>	<b>Galaxy S?</b>	<b>PB,CS,E</b>
	12"	7mm TV	PF,VS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>5383</b>	<b>CVn</b>	<b>H181-1</b>	<b>Galaxy (R')SB(rs)b: p</b>	<b>CB,CL,R,GBM</b>
	12"	7mm TV	PF,PS,R,FNUC,R=G		
<b>NGC</b>	<b>5440</b>	<b>CVn</b>	<b>H416-2</b>	<b>Galaxy Sa</b>	<b>PF,CS,LE,BM,*11SP</b>
	12"	7mm TV	PF,PS,OVAL,VEXT,FNUC,R=G		
<b>NGC</b>	<b>5444</b>	<b>CVn</b>	<b>H417-2</b>	<b>Galaxy E+:</b>	<b>PB,PL,IVLE,VSMBM</b>
	12"	7mm TV	DIFF,CF,PS,OVAL,MEXT,UB,R=F		
<b>NGC</b>	<b>5445</b>	<b>CVn</b>	<b>H413-3</b>	<b>Galaxy S0?</b>	<b>F,*13P</b>
	12"	7mm TV	CF,CS,OVAL,VEXT,UB,NND,R=F		

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<b>IC</b>	<b>4725</b>	<b>Sgr</b>	<b>M25</b>	<b>Open Cluster 8.0 I 3 m</b>	
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>M</b>	<b>45</b>	<b>Tau</b>	<b>M45</b>	<b>Open Cluster</b>	
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>205</b>	<b>And</b>	<b>M110 H18-5</b>	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32</b>	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>581</b>	<b>Cas</b>	<b>M103</b>	<b>Open Cluster 9.0 II 2 m</b>	<b>CL,PL,B,R,RI,*10..11</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>598</b>	<b>Tri</b>	<b>M33 H17-5</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>628</b>	<b>Psc</b>	<b>M74</b>	<b>Galaxy SA(s)c</b>	<b>GCL,F,VL,R,VG,PSMBM</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>650</b>	<b>Per</b>	<b>M76 H193-1</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>1039</b>	<b>Per</b>	<b>M34</b>	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,B,VL,LC,SC ST9</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>1068</b>	<b>Cet</b>	<b>M77</b>	<b>Galaxy (R)SA(rs)b</b>	<b>VB,PL,IR,SBMRRN</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>1904</b>	<b>Lep</b>	<b>M79</b>	<b>Globular</b>	<b>GCL,PL,ERI,EC,RRR</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>1952</b>	<b>Tau</b>	<b>M1</b>	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>2068</b>	<b>Ori</b>	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
<b>NGC</b>	<b>2099</b>	<b>Aur</b>	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
	12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	

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NGC	2168	Gem	M35	Open Cluster 8.0 III 3 r	CL,VL,CRI,PC,ST9..16
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	2287	CMa	M41	Open Cluster 8.0 I 3 r	CL,VL,B,LC,ST 8...
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	2323	Mon	M50	Open Cluster 9.0 II 3 r	CL,VL,RI,PC,E,
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	2422	Pup	M47 H38-8	Open Cluster 5.0 I 3 m	CL,B,VL,PRI,ST L\$\$
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	2437	Pup	M46	Open Cluster 10.0 II 2 r	CL,VB,VRI,VL,INV PLN
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	2447	Pup	M93	Open Cluster 9.0 I 3 r	CL,L,PRI,LC,ST8...13
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	2548	Hya	M48 H22-6	Open Cluster 8.0 I 3 r	CL,VL,PRI,PMC,*9..13
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	2632	Cnc	M44	Open Cluster 6.0 II 3 m	PRAESEPE CANCRI
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	2682	Cnc	M67	Open Cluster 9.0 II 3 r	CL,VB,VL,ERI,LC,*10.
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GVMBMBN 2
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	3351	Leo	M95	Galaxy SB(r)b	B,L,R,PGMBMN
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	3368	Leo	M96	Galaxy SAB(rs)ab	VB,VL,LE,VSVMBM,R
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	3379	Leo	M105 H17-1	Galaxy E1	VB,CL,R,PSBM,R
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	3511	Crt	H39-5	Galaxy SA(s)c	VF,VL,ME
	12"	11mmT6	PF,PS,EON,UB,NND,R=F		
NGC	3513	Crt	H40-5	Galaxy SB(rs)c	VF,VL,ME
	12"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
NGC	3556	UMa	M108 H46-5	Galaxy SB(s)cd sp	CB,VL,VME79,PBM,R
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	3587	UMa	M97	Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	3623	Leo	M65	Galaxy SAB(rs)a	B,VL,ME165,GBMBN
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		

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<b>NGC</b>	<b>3627</b>	<b>Leo</b>	<b>M66</b>	<b>Galaxy SAB(s)b</b>	<b>B,VL,ME150,MBM,2*NP</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>3636</b>	<b>Crt</b>	<b>H550-2</b>	<b>Galaxy E0</b>	<b>F,VS,R,LBM,*7F,P OF2</b>
	12"	7mm TV	F,CS,R,BNUC,R=G		
<b>NGC</b>	<b>3637</b>	<b>Crt</b>	<b>H551-2</b>	<b>Galaxy (R)SB(r)0^</b>	<b>F,VS,R,PSBM,*7P,FOF2</b>
	12"	7mm TV	F,CS,R,BNUC,R=G		
<b>NGC</b>	<b>3672</b>	<b>Crt</b>	<b>H131-1</b>	<b>Galaxy SA(s)c</b>	<b>PB,L,E0,GBM</b>
	12"	7mm TV	PF,PS,OVAL,PEXT,UB,NND,R=F		
<b>NGC</b>	<b>3693</b>	<b>Crt</b>	<b>H532-3</b>	<b>Galaxy (R')SA(r)b:</b>	<b>CF,S,E,GBM</b>
	12"	5.5mmN	VF,VS,EON,UB,NND,AV,R=F		
<b>NGC</b>	<b>3732</b>	<b>Crt</b>	<b>H552-2</b>	<b>Galaxy SB0-a</b>	<b>F,S,R,PSBM,*14SP</b>
	12"	5.5mmN	CF,CS,R,UB,NND,R=F		
<b>NGC</b>	<b>3756</b>	<b>UMa</b>	<b>H784-2</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,L,LE</b>
	12"	11mmT6	PF,PS,OVAL,MEXT,UB,NND,R=F		
<b>NGC</b>	<b>3887</b>	<b>Crt</b>	<b>H120-1</b>	<b>Galaxy SB(r)bc</b>	<b>PB,L,IR,VGPMBM</b>
	12"	11mmT6	DIFF,PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>3892</b>	<b>Crt</b>	<b>H553-2</b>	<b>Galaxy SB(rs)0+</b>	<b>PB,PL,R,GBM,R</b>
	12"	11mmT6	PF,PS,OVAL,MEXT,UB,NND,R=F		
<b>NGC</b>	<b>3923</b>	<b>Hya</b>	<b>H259-1</b>	<b>Galaxy E4-5</b>	<b>B,PL,LE,GMBM,R,VS*SP</b>
	12"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>3992</b>	<b>UMa</b>	<b>M109 H61-4</b>	<b>Galaxy SB(rs)bc</b>	<b>CB,VL,PME,SBMBRN</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4013</b>	<b>UMa</b>	<b>H733-2</b>	<b>Galaxy Sb sp</b>	<b>B,CL,ME62,VSVMBM*10</b>
	12"	11mmT6	PF,PS,EON,BNUC,R=G		
<b>NGC</b>	<b>4047</b>	<b>UMa</b>	<b>H741-2</b>	<b>Galaxy (R)SA(rs)b:</b>	<b>PB,PS,R</b>
	12"	11mmT6	PF,CS,R,UB,NND,R=F		
<b>NGC</b>	<b>4096</b>	<b>UMa</b>	<b>H207-1</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,VL,ME32</b>
	12"	11mmT6	PF,PS,EON,FNUC,R=F		
<b>NGC</b>	<b>4100</b>	<b>UMa</b>	<b>H717-3</b>	<b>Galaxy (R')SA(rs)bc</b>	<b>PB,VL,VME161,VGVLBM</b>
	12"	17mmAT	PF,PS,EON,UB,NND,R=F		
<b>NGC</b>	<b>4144</b>	<b>UMa</b>	<b>H747-2</b>	<b>Galaxy SAB(s)cd? sp</b>	<b>PF,CL,VME109,VGBM</b>
	12"	11mmT6	PF,PS,EON,FNUC,R=F		
<b>NGC</b>	<b>4192</b>	<b>Com</b>	<b>M98</b>	<b>Galaxy SAB(s)ab</b>	<b>B,VL,VME152,VSVMBM</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4254</b>	<b>Com</b>	<b>M99</b>	<b>Galaxy SA(s)c</b>	<b>B,L,R,GBM,R,3BRSPIRA</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4258</b>	<b>CVn</b>	<b>M106 H43-5</b>	<b>Galaxy Sb</b>	<b>VB,VL,VME0,SBMBN</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		

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<b>March 1, 2011</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>4290</b>	<b>UMa</b>	<b>H805-2</b>	<b>Galaxy SB(rs)ab:</b>	<b>PB,L,R,GMBM</b>
	12"	11mmT6	CF,CS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>4303</b>	<b>Vir</b>	<b>M61 H139-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VSBM*,BIN</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4321</b>	<b>Com</b>	<b>M100</b>	<b>Galaxy SAB(s)bc</b>	<b>PF,VL,R,VG,PSBMRN</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4374</b>	<b>Vir</b>	<b>M84</b>	<b>Galaxy E1</b>	<b>VB,PL,R,PSBM,R</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4382</b>	<b>Com</b>	<b>M85</b>	<b>Galaxy SA(s)0+ pec</b>	<b>VB,PL,R,BM,*NP</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4406</b>	<b>Vir</b>	<b>M86</b>	<b>Galaxy E3</b>	<b>VB,L,R,GBMN,R</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4472</b>	<b>Vir</b>	<b>M49</b>	<b>Galaxy E2</b>	<b>VB,L,R,MBM,R</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4486</b>	<b>Vir</b>	<b>M87</b>	<b>Galaxy E+0-1 pec</b>	<b>VB,VL,R,MBM,3RD OF 3</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4501</b>	<b>Com</b>	<b>M88</b>	<b>Galaxy SA(rs)b</b>	<b>B,VL,VME</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4548</b>	<b>Com</b>	<b>M91 H120-2</b>	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4552</b>	<b>Vir</b>	<b>M89</b>	<b>Galaxy E0-1</b>	<b>PB,PS,R,GMBM</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4569</b>	<b>Vir</b>	<b>M90</b>	<b>Galaxy SAB(rs)ab</b>	<b>PL,BMN</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4579</b>	<b>Vir</b>	<b>M58</b>	<b>Galaxy SAB(rs)b</b>	<b>B,L,IR,VMBM,R</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4590</b>	<b>Hya</b>	<b>M68</b>	<b>Globular</b>	<b>GCL,L,ERI,VC,IR,ST12</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4594</b>	<b>Vir</b>	<b>M104 H43-1</b>	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSBM,N</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4621</b>	<b>Vir</b>	<b>M59</b>	<b>Galaxy E5</b>	<b>B,PL,LE,VSVMBM,2*P</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4649</b>	<b>Vir</b>	<b>M60</b>	<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4736</b>	<b>CVn</b>	<b>M94</b>	<b>Galaxy (R)SA(r)ab</b>	<b>VB,L,IR,VSVMBM,N,R</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>4826</b>	<b>Com</b>	<b>M64</b>	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		

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NGC	5024	Com	M53	Globular	GCL,B,VC,IR,VVMBM,
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	5055	CVn	M63	Galaxy SA(rs)bc	VB,L,PME120,VSMBMBN
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	5061	Hya	H138-1	Galaxy E0	VB,S,R,VSMBM,*10F
	12"	11mmT6	PF,PS,R,BNUC,R=G		
NGC	5078	Hya	H566-2	Galaxy SA(s)a: sp	PB,PS,CE,PSBM,*7,8F
	12"	11mmT6	CF,PS,OVAL,MEXT,UB,NND,R=F		
NGC	5194	CVn	M51	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	5204	UMa	H63-4	Galaxy SA(s)m	PB,CL,IR,GMBM,R
	12"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
NGC	5236	Hya	M83	Galaxy SAB(s)c	VB,VL,E55,ESBMN,SPIR
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	5272	CVn	M3	Globular	GCL,EB,VL,VSMBM,*11.
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	5308	UMa	H255-1	Galaxy S0- sp	B,PL,ME57,PSMBBEN
	12"	11mmT6	PF,CS,EON,FNUC,R=G		
NGC	5430	UMa	H827-2	Galaxy SB(s)b	PB,S,IE,MBM
	12"	11mmT6	CF,CS,OVAL,MEXT,UB,NND,R=F		
NGC	5443	UMa	H799-2	Galaxy SB(s)b?	PF,L,E
	12"	11mmT6	VF,CS,OVAL,PEXT,UB,NND,AV,R=F		
NGC	5447	UMa	H787-3	Knot in Galaxy	PB,S,R,GMBM,CONNM101
	12"	11mmT6	BRIGHT SPOT SW SIDE OF - KNOT IN GALAXY		
NGC	5448	UMa	H691-2	Galaxy (R)SAB(r)a	PB,CL,VME90,SMBMN
	12"	11mmT6	VF,CS,OVAL,MEXT,UB,NND,R=F		
NGC	5457	UMa	M101	Galaxy SAB(rs)cd	PB,VL,IR,G,VSMBMBSN 4
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	5462	UMa	H789-3	Knot in Galaxy	PB,PL,IR,GBM,CONM101
	12"	11mmT6	BRIGHT SPOT SE SIDE - KNOT IN GALAXY		
NGC	5585	UMa	H235-1	Galaxy SAB(s)d	PF,L,IR,VGMBM,R
	12"	11mmT6	CF,PS,OVAL,MEXT,UB,NND,R=F		
NGC	5866	Dra	M102 H215-1	Galaxy SA0+ sp	VB,CL,PME146,GBM
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	5904	Ser	M5	Globular	GCL,VB,L,ECM,*11..15
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
NGC	6093	Sco	M80	Globular	GCL,VB,L,VMBM(VAR*)
	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		



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NGC 6121 12"	<b>Sco</b> 17mmAT	<b>M4</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>CL,8OR10B*LINE,RRR</b>
NGC 6171 12"	<b>Oph</b> 17mmAT	<b>M107 H40-6</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,L,VRI,VMC,R,RRR</b>
NGC 6205 12"	<b>Her</b> 17mmAT	<b>M13</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
NGC 6218 12"	<b>Oph</b> 17mmAT	<b>M12</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,VB,VL,IR,GMBM</b>
NGC 6254 12"	<b>Oph</b> 17mmAT	<b>M10</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,B,VL,R,GVMBM,RRR</b>
NGC 6266 12"	<b>Oph</b> 17mmAT	<b>M62</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,VB,L,GMBM,RRR,</b>
NGC 6273 12"	<b>Oph</b> 17mmAT	<b>M19</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,VB,L,R,VCM,RRR</b>
NGC 6333 12"	<b>Oph</b> 17mmAT	<b>M9</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,B,L,R,ECM,RRR,</b>
NGC 6341 12"	<b>Her</b> 17mmAT	<b>M92</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,VB,VL,ECM,ST S</b>
NGC 6402 12"	<b>Oph</b> 17mmAT	<b>M14</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,B,VL,R,ERI,VGMBM</b>
NGC 6405 12"	<b>Sco</b> 17mmAT	<b>M6</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Open Cluster 5.5 II 3 r</b>	<b>CL,L,IR,LC,ST7,10...</b>
NGC 6475 12"	<b>Sco</b> 17mmAT	<b>M7</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Open Cluster 7.0 I 3 r</b>	<b>CL,VB,PRI,LC,*7...12</b>
NGC 6494 12"	<b>Sgr</b> 17mmAT	<b>M23</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,B,VL,PRI,LC,*10..</b>
NGC 6514 12"	<b>Sgr</b> 17mmAT	<b>M20 H41-4</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Nebula EN+OC</b>	<b>VB,VL,TRIFID,D*INV</b>
NGC 6523 12"	<b>Sgr</b> 17mmAT	<b>M8</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Nebula E</b>	<b>VB,EL,EIF,W/LCL</b>
NGC 6531 12"	<b>Sgr</b> 17mmAT	<b>M21</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,PRI,LC,ST9...12</b>
NGC 6603 12"	<b>Sgr</b> 17mmAT	<b>M24</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Open Cluster 14.0 I 2</b>	<b>CL,VRI,VMC,R,M WAY</b>
NGC 6611 12"	<b>Ser</b> 17mmAT	<b>M16</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Open Cluster 11.0 II 3 m n</b>	<b>CL,ATLEAST100* L\$\$</b>
NGC 6613 12"	<b>Sgr</b> 17mmAT	<b>M18</b> M.M. 2011 - MANUAL SETTING CIRCLES	<b>Open Cluster 8.7 II 3 p n</b>	<b>CL,P,VLC</b>

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<b>NGC 6618</b> 12"	<b>Sgr</b> 17mmAT	<b>M17</b> M.M. 2011 -	<b>Nebula EN+OC</b> MANUAL SETTING CIRCLES		<b>B,EL,EIF,2HOOKED</b>
<b>NGC 6626</b> 12"	<b>Sgr</b> 17mmAT	<b>M28</b> M.M. 2011 -	<b>Globular</b> MANUAL SETTING CIRCLES		<b>GCL,VB,L,R,GECM,RRR</b>
<b>NGC 6637</b> 12"	<b>Sgr</b> 17mmAT	<b>M69</b> M.M. 2011 -	<b>Globular</b> MANUAL SETTING CIRCLES		<b>GCL,B,L,R,RRR,*14.16</b>
<b>NGC 6656</b> 12"	<b>Sgr</b> 17mmAT	<b>M22</b> M.M. 2011 -	<b>Globular</b> MANUAL SETTING CIRCLES		<b>GCL,VB,VL,R,VRI,VMC</b>
<b>NGC 6681</b> 12"	<b>Sgr</b> 17mmAT	<b>M70</b> M.M. 2011 -	<b>Globular</b> MANUAL SETTING CIRCLES		<b>GCL,B,PL,R,GBM,</b>
<b>NGC 6694</b> 12"	<b>Sct</b> 17mmAT	<b>M26</b> M.M. 2011 -	<b>Open Cluster 11.0 II 3 m</b> MANUAL SETTING CIRCLES		<b>CL,CL,PRI,PC,ST12.15</b>
<b>NGC 6705</b> 12"	<b>Sct</b> 17mmAT	<b>M11</b> M.M. 2011 -	<b>Open Cluster 11.0 I 2 r</b> MANUAL SETTING CIRCLES		<b>CL,VB,L,IR,RI,*9,</b>
<b>NGC 6720</b> 12"	<b>Lyr</b> 17mmAT	<b>M57</b> M.M. 2011 -	<b>Planetary Neb 4+3</b> MANUAL SETTING CIRCLES		<b>RINGNEB,B,PL,CE,LYRA</b>
<b>NGC 6779</b> 12"	<b>Lyr</b> 17mmAT	<b>M56</b> M.M. 2011 -	<b>Globular</b> MANUAL SETTING CIRCLES		<b>GCL,B,L,IR,GVMCM,RRR</b>
<b>NGC 6838</b> 12"	<b>Sge</b> 17mmAT	<b>M71</b> M.M. 2011 -	<b>Globular</b> MANUAL SETTING CIRCLES		<b>CL,VL,VRI,PMC,*11.16</b>
<b>NGC 6853</b> 12"	<b>Vul</b> 17mmAT	<b>M27</b> M.M. 2011 -	<b>Planetary Neb 3+2</b> MANUAL SETTING CIRCLES		<b>VB,VL,BIN,IE,DUMBEL</b>
<b>NGC 6913</b> 12"	<b>Cyg</b> 17mmAT	<b>M29</b> M.M. 2011 -	<b>Open Cluster 9.0 II 3 m n</b> MANUAL SETTING CIRCLES		<b>CL,P,LC,STL\$\$</b>
<b>NGC 7092</b> 12"	<b>Cyg</b> 17mmAT	<b>M39</b> M.M. 2011 -	<b>Open Cluster 7.0 III 2 m</b> MANUAL SETTING CIRCLES		<b>CL,VL,VP,VLC,*7...10</b>
<b>NGC 7654</b> 12"	<b>Cas</b> 17mmAT	<b>M52</b> M.M. 2011 -	<b>Open Cluster 11.0 II 2 r</b> MANUAL SETTING CIRCLES		<b>CL,L,RI,MCM,R,*9..13</b>
<b>WINN 4</b> 12"	<b>UMa</b> 17mmAT	<b>M40</b> M.M. 2011 -	<b>Unknown STAR</b> MANUAL SETTING CIRCLES		

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NGC	12	Psc	H868-3	Galaxy SAB(rs)c:	EF,PL,VGLBM
	12"	7mm TV	VF,CS,R,UB,NND,R=F,AV2		
NGC	36	Psc	H456-3	Galaxy SAB(rs)b	VF,PS,IF
	12"	7mm TV	CF,CS,OVAL,UB,NND,R=F,PA=40		
NGC	95	Psc	H257-2	Galaxy SAB(rs)c pec	F,PL,R,GBM
	12"	7mm TV	PF,PS,OVAL,PEXT,FNUC,R=F		
NGC	132	Cet	H855-2	Galaxy SAB(s)bc	PF,CL,R,VGLBM,R
	12"	7mm TV	PF,PS,OVAL,UB,NND,R=F,PA=30		
NGC	154	Cet	H467-3	Galaxy E	EF,VS,R
	12"	7mm TV	CF,CS,OVAL,MEXT,UB,NND,R=F		
NGC	163	Cet	H954-3	Galaxy E0	VF,VS
	12"	7mm TV	CF,CS,R,FNUC,R=F		
NGC	165	Cet		Galaxy SB(rs)bc	F,L,*INCENTRE,F OF 2
	12"	7mm TV	DIFF,CF,PS,R,NND,R=F		
NGC	173	Cet	H871-3	Galaxy SA(rs)c	VF,S,R,VGBM,*11SP1'
	12"	5.5mmN	CF,PS,OVAL,UB,NND,R=F,PA=100		
NGC	180	Psc	H876-3	Galaxy SB(rs)bc	VF,PL,IR,*NP INV
	12"	7mm TV	DIFF,CF,PS,OVAL,UB,NND,R=F		
NGC	191	Cet	H479-2	Galaxy SAB(rs)c: pec	PB,PL,IE0,
	12"	7mm TV	CF,CS,R,UB,NND,R=F		
NGC	192	Cet	H872-3	Galaxy (R')SB(r)a:	F,PS,PME,BM
	12"	7mm TV	PF,PS,EON,FNUC,R=F,PA=175		
NGC	196	Cet	H860-2	Galaxy SB0 pec:	F,PS,R,PSMBM
	12"	7mm TV	CF,PS,OVAL,UB,NND,R=F		
NGC	201	Cet	H873-3	Galaxy SAB(r)c	VF,CL,E,VGLBM
	12"	7mm TV	CF,PS,OVAL,UB,NND,R=F,AV1		
NGC	216	Cet	H244-3	Galaxy S0^? sp	EF,VS,LE
	12"	7mm TV	PF,CS,EON,UB,NND,R=F,PA=45		
NGC	227	Cet	H444-2	Galaxy S0- pec:	F,PL,LBM
	12"	5.5mmN	DIFF,VF,PS,OVAL,UB,NND,R=F,AV3		
NGC	234	Psc	H245-2	Galaxy SAB(rs)c	F,PS,ILE,BM
	12"	7mm TV	DIFF,VF,CS,R,UB,NND,R=F,AV2		
NGC	244	Cet	H485-3	Galaxy S0 pec?	VF,S,IR,R,*10S5'
	12"	7mm TV	PF,CS,OVAL,FNUC,R=F,PA=45		
NGC	245	Cet	H445-2	Galaxy SA(rs)b pec?	F,PS,IF,ER
	12"	7mm TV	PF,PS,OVAL,FNUC,R=F,PA=125		
NGC	246	Psc	H25-5	Planetary Neb 3b	VF,L,4*IN DIF NEB
	12"	7mm TV	PF,PS,R=F,IRREGULAR SHAPE, NO CENTRAL STAR, OIII HELPS		

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<b>NGC 251</b> 12"	<b>Psc</b> 7mm TV	<b>H204-3</b> DIFF,CF,CS,OVAL,UB,NND,R=F	<b>Galaxy Sc</b>	<b>VF,S,R,LBM,*INV,2S*F</b>
<b>NGC 255</b> 12"	<b>Cet</b> 7mm TV	<b>H472-2</b> PF,PS,R,FNUC,R=F	<b>Galaxy SAB(rs)bc</b>	<b>F,PS,R,GBM</b>
<b>NGC 257</b> 12"	<b>Psc</b> 7mm TV	<b>H863-2</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy Scd:</b>	<b>PL,LE,GBM,R</b>
<b>NGC 259</b> 12"	<b>Cet</b> 7mm TV	<b>H621-2</b> CF,CS,EON,UB,NND,R=F,AV1,PA=160	<b>Galaxy Sbc: sp</b>	<b>F,S,E135,LBM</b>
<b>NGC 268</b> 12"	<b>Cet</b> 7mm TV	<b>H463-3</b> PF,CS,OVAL,UB,NND,R=F,PA=35	<b>Galaxy SB(s)bc:</b>	<b>VF,PS,ILE,R</b>
<b>NGC 270</b> 12"	<b>Cet</b> 7mm TV	<b>H955-3</b> PF,PS,OVAL,FNUC,R=F,PA=15	<b>Galaxy S0+</b>	<b>PF,VS,IR,PGBM</b>
<b>NGC 271</b> 12"	<b>Cet</b> 7mm TV	<b>H446-2</b> CF,CS,OVAL,UB,NND,R=F,AV1	<b>Galaxy (R')SB(rs)ab</b>	<b>PF,S,LE,PSBM,*8F5S</b>
<b>NGC 274</b> 12"	<b>Cet</b> 7mm TV	<b>H429-3</b> PF,PS,R,FNUC,R=F,PAIRED W/NGC-275	<b>Galaxy SAB(r)0- pec</b>	<b>PB,PS,SMBM,NP OF2</b>
<b>NGC 275</b> 12"	<b>Cet</b> 7mm TV	<b>H429-3</b> PF,PS,OVAL,UB,NND,R=F,PAIRED W/NGC-274	<b>Galaxy SB(rs)cd pec</b>	<b>VF,S,R,SF OF 2</b>
<b>NGC 7538</b> 12"	<b>Cep</b> 11mmT6	<b>H706-2</b> PF,PS,R=F,HINT OF NEBULOSITY, OIII FILTER	<b>Nebula E</b>	<b>VF,L,2PB*INV</b>

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<b>IC</b>	<b>179</b>	<b>And</b>	<b>Galaxy E</b>	
	12"	5.5mmN	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>80</b>	<b>And</b>	<b>Galaxy SA0-:</b>	<b>F,S,R,PSBM</b>
	12"	5.5mmN	VF,CS,R,UB,NND,AV2,R=F	
<b>NGC</b>	<b>91</b>	<b>And</b>	<b>Galaxy S</b>	<b>VF,VS,*13SP</b>
	12"	5.5mmN	VF,CS,EON,UB,NND,AV3,R=F	
<b>NGC</b>	<b>93</b>	<b>And</b>	<b>Galaxy S?</b>	<b>VF,VS</b>
	12"	5.5mmN	VF,CS,OVAL,UB,NND,AV2,R=F	
<b>NGC</b>	<b>272</b>	<b>And</b>	<b>Open Cluster 9.0 asterism</b>	<b>CL,L,LC</b>
	12"	5.5mmN	PF,VS,R=F,FISHHOOK	
<b>NGC</b>	<b>425</b>	<b>And</b>	<b>Galaxy S?</b>	<b>VF,VS,R,LBM,*11ATT</b>
	12"	5.5mmN	VF,CS,R,UB,NND,AV1,R=F	
<b>NGC</b>	<b>523</b>	<b>And</b>	<b>H170-3 Galaxy Pec</b>	<b>DNEB,VF,VS,DIST30"</b>
	12"	5.5mmN	CF,CS,EON,UB,NND,AV1,R=F	
<b>NGC</b>	<b>590</b>	<b>And</b>	<b>Galaxy SBa</b>	<b>F,VS,(RR)</b>
	12"	5.5mmN	CF,PS,OVAL,PEXT,UB,NND,R=F,PA=30	
<b>NGC</b>	<b>591</b>	<b>And</b>	<b>Galaxy (R')SB0/a</b>	<b>EF,PS,R,LBM,B*SF</b>
	12"	5.5mmN	PF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>759</b>	<b>And</b>	<b>Galaxy E</b>	<b>CL,VS,R</b>
	12"	5.5mmN	CF,CS,R,NND,AV1,R=F	
<b>NGC</b>	<b>834</b>	<b>And</b>	<b>H567-3 Galaxy S?</b>	<b>VF,S,LE</b>
	12"	5.5mmN	PF,PS,OVAL,UB,NND,R=F,PA=90	
<b>NGC</b>	<b>847</b>	<b>And</b>	<b>Galaxy SB(rs)ab</b>	<b>VF,PL,R</b>
	12"	5.5mmN	CF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>898</b>	<b>And</b>	<b>H570-3 Galaxy Sab sp</b>	<b>EF,VS,LE</b>
	12"	5.5mmN	PF,PS,EON,FNUC,R=F,PA=45	
<b>NGC</b>	<b>906</b>	<b>And</b>	<b>Galaxy SBab</b>	<b>EF,IE,</b>
	12"	5.5mmN	CF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>914</b>	<b>And</b>	<b>Galaxy SA(s)c</b>	<b>EF,PL,DIF</b>
	12"	5.5mmN	VF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>980</b>	<b>And</b>	<b>H572-3 Galaxy S0</b>	<b>VF,PS,SP OF 2</b>
	12"	5.5mmN	CF,PS,OVAL,MEXT,UB,NND,R=F,PA=180	
<b>NGC</b>	<b>982</b>	<b>And</b>	<b>H573-3 Galaxy Sa</b>	<b>F,S,NF OF 2</b>
	12"	5.5mmN	PF,PS,OVAL,PEXT,UB,NND,R=F,PA=15	
<b>NGC</b>	<b>1045</b>	<b>Cet</b>	<b>H488-2 Galaxy SA0- pec?</b>	<b>F,S,R,BM</b>
	12"	11mmT6	CF,PS,EON,FNUC,R=F,PA=115	
<b>NGC</b>	<b>1114</b>	<b>Eri</b>	<b>H449-3 Galaxy SA(r)c</b>	<b>PF,PL,PME,GLBM</b>
	12"	5.5mmN	VF,CS,PEXT,UB,NND,R=F,PA=100	

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<b>NGC 1162</b> 12"	<b>Eri</b> 5.5mmN	<b>H469-3</b> VF,CS,OVAL,UB,NND,AV2,R=F	<b>Galaxy E:</b>	<b>F,R,GLBM,STELLAR</b>
<b>NGC 1209</b> 12"	<b>Eri</b> 7mm TV	<b>H504-2</b> PF,PS,OVAL,PEXT,FNUC,MSB,R=F	<b>Galaxy E6:</b>	<b>B,S,CE,PSBM</b>
<b>NGC 1325</b> 12"	<b>Eri</b> 7mm TV	<b>H77-4</b> PF,PS,EON,BNUC,MSB,R=G,PA=160	<b>Galaxy SA(s)bc</b>	<b>F,ME239,COM,*9.5ATT</b>
<b>NGC 1332</b> 12"	<b>Eri</b> 11mmT6	<b>H60-1</b> PF,PS,EON,LFNUC,MSB,R=G,PA=170	<b>Galaxy S(s)0-: sp</b>	<b>VB,S,E114,SMBMN</b>
<b>NGC 1353</b> 12"	<b>Eri</b> 11mmT6	<b>H246-3</b> PF,PS,OVAL,MEXT,UB,HSB,R=G	<b>Galaxy SB(rs)b:</b>	<b>PB,CL,IE,MBM</b>
<b>NGC 1400</b> 12"	<b>Eri</b> 11mmT6	<b>H593-2</b> PF,CS,R,BNUC,R=G	<b>Galaxy SA0-</b>	<b>CB,PS,R,PSMBM</b>
<b>NGC 1402</b> 12"	<b>Eri</b> 5.5mmN	<b>Galaxy SB0^ pec:</b> VF,VS,R,UB,NND.AV1,R=F		<b>EF,VS,R</b>
<b>NGC 1407</b> 12"	<b>Eri</b> 11mmT6	<b>H107-1</b> PF,PS,R,BNUC,R=G	<b>Galaxy E0</b>	<b>VB,L,R,SVMBMN</b>
<b>NGC 1421</b> 12"	<b>Eri</b> 11mmT6	<b>H291-2</b> PF,PS,OVAL,UB,NND,R=G,PA=40	<b>Galaxy SAB(rs)bc:</b>	<b>F,CL,ME0,R</b>
<b>NGC 1507</b> 12"	<b>Eri</b> 11mmT6	<b>H279-2</b> PF,PS,EON,UB,NND,R=F	<b>Galaxy SB(s)m pec?</b>	<b>VF,PL,ME,VLBM,ER</b>
<b>NGC 1600</b> 12"	<b>Eri</b> 11mmT6	<b>H158-1</b> PF,LPS,R,FNUC,MSB,R=F	<b>Galaxy E3</b>	<b>PB,PL,R,GMBM</b>
<b>NGC 1618</b> 12"	<b>Eri</b> 11mmT6	<b>H524-2</b> CF,PS,EON,UB,NND.R=F	<b>Galaxy SB(r)b:</b>	<b>F,S,IF,LBM,2*SF</b>
<b>NGC 1622</b> 12"	<b>Eri</b> 11mmT6	<b>Galaxy SAB(r)ab:</b> PF,PS,EON,UB,NND.R=F		<b>VF,S,*20P5S,1618P</b>
<b>NGC 1637</b> 12"	<b>Eri</b> 11mmT6	<b>H122-1</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy SAB(rs)c</b>	<b>CB,L,R,VGBM</b>

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<b>IC</b>	<b>1433</b>	<b>Aqr</b>	<b>Galaxy S</b>
	31"	17mmT4	CF,PS,OVAL,UB,FNUC,R=F
<b>IC</b>	<b>5258</b>	<b>Peg</b>	<b>Galaxy S0-:</b>
	31"	17mmT4	F,PS,OVAL,MEXT,BNUC,R=G,TRIANGULAR AST. TO NORTH
<b>IC</b>	<b>5274</b>	<b>Peg</b>	<b>Galaxy S0:</b>
	31"	17mmT4	PF,PS,R,FNUC,R=G
<b>IC</b>	<b>5276</b>	<b>Peg</b>	<b>Galaxy S</b>
	31"	17mmT4	CF,CS,OVAL,MEXT,UB,NND,R=F
<b>IC</b>	<b>5293</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	PF,CS,OVAL,UB,NND,R=F
<b>IC</b>	<b>5295</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	CF,ES,OVAL,UB,NND,R=F
<b>IC</b>	<b>5296</b>	<b>Peg</b>	<b>Galaxy SBb</b>
	31"	17mmT4	DIFF,VF,CS,R,UB,NND,R=F
<b>IC</b>	<b>5297</b>	<b>Peg</b>	<b>Galaxy C</b>
	31"	17mmT4	PF,ES,OVAL,FNUC,R=F
<b>IC</b>	<b>5298</b>	<b>Peg</b>	<b>Galaxy S?</b>
	31"	17mmT4	PF,PS,R,UB,NND,R=F
<b>IC</b>	<b>5315</b>	<b>Peg</b>	<b>Galaxy E?</b>
	31"	17mmT4	PF,ES,R,FNUC,HSB,R=G
<b>MAC</b>	<b>2243+3001</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,UB,NND,R=F,AV4
<b>MAC</b>	<b>2255+1910</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,ES,OVAL,UB,NND,R=F,AV1
<b>MAC</b>	<b>2256+1747</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,UB,NND,R=F,AV2
<b>MAC</b>	<b>2259+1755</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,ES,OVAL,UB,NND,R=F
<b>MAC</b>	<b>2259+1757</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,UB,NND,R=F
<b>MAC</b>	<b>2300+1850</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,UB,NND,R=F,AV1
<b>MAC</b>	<b>2300+1903</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	CF,VS,R,UB,NND,R=F,AV1
<b>MAC</b>	<b>2301+1842</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,UB,NND,R=F,AV1
<b>MAC</b>	<b>2301+1852</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	CF,CS,R,UB,NND,R=F

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<b>MAC</b>	<b>2315+2540</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	CF,VS,R,UB,NND,R=F	
<b>MAC</b>	<b>2315+2540</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	CF,ES,R,UB,NND,R=F	
<b>MAC</b>	<b>2316+2537</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,EES,OVAL,UB,NND,R=F	
<b>MAC</b>	<b>2321+2551</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	CF,ES,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7356</b>	<b>Peg</b>	<b>Galaxy Sbc</b>	<b>EF,PS,R,GLBM,*ATT</b>
	31"	17mmT4	PF,PS,OVAL,MEXT,FNUC,R=G	
<b>NGC</b>	<b>7357</b>	<b>Peg</b>	<b>Galaxy Sb</b>	<b>VF,VS,VF*INV</b>
	31"	17mmT4	PF,PS,OVAL,MEXT,FNUC,R=F,STAR AT NE TIP	
<b>NGC</b>	<b>7463</b>	<b>Peg</b>	<b>H210-3 Galaxy SABb: pec</b>	<b>VF,S,LE,P OF 2</b>
	31"	17mmT4	PF,S,EON,UB,HSB,R=G	
<b>NGC</b>	<b>7464</b>	<b>Peg</b>	<b>Galaxy E1 pec:</b>	<b>VF,VS,E,SF7463</b>
	31"	17mmT4	PF,PS,R,NND,USB,R=F	
<b>NGC</b>	<b>7465</b>	<b>Peg</b>	<b>H211-3 Galaxy (R')SB(s)0^:</b>	<b>VF,VS,FOF 2</b>
	31"	17mmT4	F,S,R,BNUC,R=G	
<b>NGC</b>	<b>7527</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>VF,VS,STELLAR</b>
	31"	17mmT4	PF,CS,OVAL,UB,HSB,R=F	
<b>NGC</b>	<b>7548</b>	<b>Peg</b>	<b>Galaxy (R)SAB(r)0^:</b>	<b>VF,VS,*16P11S</b>
	31"	17mmT4	PF,VS,R,FNUC,R=F	
<b>NGC</b>	<b>7628</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>VF,S,R,BM</b>
	31"	17mmT4	F,PS,R,FNUC,HSB,R=G	
<b>PGC</b>	<b>65927</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,UB,NND,R=F,AV3	
<b>PGC</b>	<b>69559</b>	<b>Peg</b>	<b>Galaxy Sb</b>	
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>69986</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	CF,ES,R,UB,NND,R=F	
<b>PGC</b>	<b>70001</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,ES,R,UB,NND,R=F,STAR AT NNW EDGE	
<b>PGC</b>	<b>70019</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,ES,R,FNUC,R=F	
<b>PGC</b>	<b>70022</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	CF,ES,R,UB,NND,R=F	
<b>PGC</b>	<b>70023</b>	<b>Peg</b>	<b>Galaxy Sb</b>	
	31"	17mmT4	PF,ES,R,UB,NND,R=P,STAR AT SW EDGE	



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<b>PGC</b>	<b>70054</b>	<b>Peg</b>	<b>Galaxy Sc</b>
	31"	17mmT4	CF,VS,R,UB,NND,R=F
<b>PGC</b>	<b>70055</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	PF,ES,R,UB,NND,R=F
<b>PGC</b>	<b>70063</b>	<b>Peg</b>	<b>Galaxy SB?</b>
	31"	17mmT4	CF,VS,OVAL,PEXT,UB,NND,R=F,STAR AT SSE EDGE
<b>PGC</b>	<b>70064</b>	<b>Peg</b>	<b>Galaxy Sa</b>
	31"	17mmT4	PF,PS,EON,FNUC,MSB,R=G,FAINT BULGE DETECTED
<b>PGC</b>	<b>70190</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	PF,VS,R,FNUC,R=G
<b>PGC</b>	<b>70200</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	CF,CS,OVAL,UB,R=F
<b>PGC</b>	<b>70210</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	PF,VS,R,FNUC,,R=F
<b>PGC</b>	<b>70228</b>	<b>Peg</b>	<b>Galaxy Sc</b>
	31"	17mmT4	VF,CS,OVAL,PET,UB,NND,R=F,AV2
<b>PGC</b>	<b>70307</b>	<b>Peg</b>	<b>Galaxy Sb-c</b>
	31"	17mmT4	VF,VS,EON,NND,R=F,AV4
<b>PGC</b>	<b>71092</b>	<b>Peg</b>	<b>Galaxy S0</b>
	31"	17mmT4	PF,CS,OVAL,FNUC,R=G,PA=170, 8TH MAG STAR AT WEST EDGE
<b>PGC</b>	<b>71094</b>	<b>Peg</b>	<b>Galaxy Sc-Irr</b>
	31"	17mmT4	VF,VS,OVAL,UB,NND,R=F,AV4
<b>PGC</b>	<b>71101</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	PF,CS,OVAL,FNUC,R=F
<b>PGC</b>	<b>71119</b>	<b>Peg</b>	<b>Galaxy S?</b>
	31"	17mmT4	CF,VS,OVAL,UB,NND,R=F
<b>PGC</b>	<b>71156</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	CF,ES,R,UB,NND,R=F

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<b>IC</b>	<b>1438</b>	<b>Aqr</b>	<b>Galaxy (R')SAB(rs)a:</b>	
	12"	5.5mmN	DIFF,CF,PS,R,UB,NND,R=F	
<b>IC</b>	<b>1590</b>	<b>Cas</b>	<b>Open Cluster 9.0 n</b>	
	12"	11mmT6	R=F, SMALL GROUP SOME NEBULOSITY	
<b>IC</b>	<b>1747</b>	<b>Cas</b>	<b>Planetary Neb 3b</b>	
	12"	7mm TV	VF,VS,R=P. STELLAR	
<b>NGC</b>	<b>24</b>	<b>Scl</b>	<b>H461-3 Galaxy SA(s)c</b>	<b>VF,CL,ME,GBM</b>
	12"	11mmT6	PF,PS,EON,UB,NND,R=F,PA=80. 13TH MAG. STR AT WEST END.	
<b>NGC</b>	<b>1077</b>	<b>Per</b>	<b>Non-Existent</b>	<b>VF,PL,E</b>
	12"	5.5mmN	VF,CS,OVAL,NND,AV4,R=F	
<b>NGC</b>	<b>1087</b>	<b>Cet</b>	<b>H466-2 Galaxy SAB(rs)c</b>	<b>PB,CL,LE,MBM</b>
	12"	5.5mmN	PF,PS,OVAL,UB,NND,R=F,PA=80	
<b>NGC</b>	<b>1090</b>	<b>Cet</b>	<b>H465-2 Galaxy SB(rs)bc</b>	<b>VF,PL,IR,BM</b>
	12"	5.5mmN	DIFF,PF,PS,EON,UB,NND,AV,R=F,PA=170	
<b>NGC</b>	<b>1138</b>	<b>Per</b>	<b>H580-3 Galaxy SB0</b>	<b>VF,VS,R,GBM,2S* TRI</b>
	12"	5.5mmN	PF,PS,R,UB,NND,R=F. STAR IN FRONT.	
<b>NGC</b>	<b>1164</b>	<b>Per</b>	<b>Galaxy (R')SAB(s)ab</b>	<b>EF,VS</b>
	12"	5.5mmN	CF,PS,OVAL,UB,NND,R=F,AV3	
<b>NGC</b>	<b>1226</b>	<b>Per</b>	<b>Galaxy E</b>	<b>F,VS,R,BM</b>
	12"	5.5mmN	CF,PS,R,UB,NND,R=F,AV1	
<b>NGC</b>	<b>1250</b>	<b>Per</b>	<b>Galaxy S0^: sp</b>	<b>VF,VS,R</b>
	12"	5.5mmN	CF,PS,EON,UB,NND,R=F	
<b>NGC</b>	<b>1260</b>	<b>Per</b>	<b>Galaxy S0/a: sp</b>	<b>VF,S,R</b>
	12"	5.5mmN	PF,CS,OVAL,UB,NND,R=F,PA=160	
<b>NGC</b>	<b>1343</b>	<b>Cas</b>	<b>H694-3 Galaxy SAB(s)b: pec</b>	<b>F,VS,IR,GBM,D*V NR</b>
	12"	5.5mmN	PF,CS,OVAL,MEXT,UB,NND,R=F. TWO STARS AT WEST EDGE.	
<b>NGC</b>	<b>1491</b>	<b>Per</b>	<b>H258-1 Nebula E</b>	<b>VB,S,IF,BM,R,*INV</b>
	12"	11mmT6	PF,S,R=G,UHC FILTER,IRREGULAR IN SHAPE	
<b>NGC</b>	<b>1579</b>	<b>Per</b>	<b>H217-1 Nebula R</b>	<b>PB,VL,IR,MBM,*8 2'NF</b>
	12"	11mmT6	PF,PS,R=F. FILTER NO HELP	
<b>NGC</b>	<b>1605</b>	<b>Per</b>	<b>H26-6 Open Cluster 12.5 Ill 1 m</b>	<b>CL,VF,PS,C,ST ES</b>
	12"	11mmT6	PF,PS,R=F	
<b>NGC</b>	<b>1624</b>	<b>Per</b>	<b>H49-5 Open Cluster II 1 p n</b>	<b>F,CL,IF,60R7*+NEB</b>
	12"	11mmT6	PF,PS,R=F, BETTER GROUP	
<b>NGC</b>	<b>7256</b>	<b>Aqr</b>	<b>Galaxy SBb</b>	<b>3F* IN F NEB</b>
	12"	5.5mmN	VF,VS,OVAL,PEXT,UB,NND,R=F,PA=170	
<b>NGC</b>	<b>7365</b>	<b>Aqr</b>	<b>Galaxy SA(rs)0-:</b>	<b>VF,ES,R,GBMN,*11NF4'</b>
	12"	5.5mmN	PF,VS,OVAL,UB,NND,R=F	

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<b>NGC</b>	<b>7443</b>	<b>Aqr</b>	<b>H450-2</b>	<b>Galaxy SB(s)0+: sp</b>	<b>F,VS,VLE,SMBM,ER,N-2</b>
	12"	5.5mmN	PF,PS,OVAL,PEXT,FNUC,R=F,PA=90.	PAIRED WITH NGC-7444	
<b>NGC</b>	<b>7444</b>	<b>Aqr</b>	<b>H451-2</b>	<b>Galaxy SB(r)0^? sp</b>	<b>F,VS,VLE,SMBM,ER,S-2</b>
	12"	5.5mmN	CF,PS,OVAL,PEXT,FNUC,R=F,PA=45.	PAIRED WITH NGC-7443	
<b>NGC</b>	<b>7596</b>	<b>Aqr</b>		<b>Galaxy S0</b>	<b>VF,PS,LE0,LBMN</b>
	12"	5.5mmN	PF,CS,OVAL,PEXT,FNUC,R=F,PA=30		
<b>PGC</b>	<b>12254</b>	<b>Per</b>		<b>Galaxy</b>	
	12"	11mmT6	CF,CS,OVAL,UB,NND,R=F,AV2		

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<b>October 7, 2010</b>		<b>Hidden Hollow - RAS</b>			
<b>IC</b>	<b>1907</b>	<b>Per</b>	<b>Galaxy E?</b>		
	12"	5.5mmN	CF,CS,R,UB,NND,R=F,AV-1		
<b>NGC</b>	<b>137</b>	<b>Psc</b>	<b>H471-2 Galaxy S0</b>		<b>F,IF,LBM</b>
	12"	5.5mmN	PF,CS,,R,UB,NND,R=F		
<b>NGC</b>	<b>182</b>	<b>Psc</b>	<b>H870-3 Galaxy (R')SAB(rs)a p:</b>		<b>VF,S,IR,VGBM</b>
	12"	5.5mmN	VF,VS,OVAL,UB,NND,R=F,AV-5,PA=100		
<b>NGC</b>	<b>281</b>	<b>Cas</b>	<b>Nebula E</b>		<b>F,VL,DIF,STRIP*NP</b>
	12"	17mmAT	F,L,R=G,OIII FILTER, PAC MAN		
<b>NGC</b>	<b>561</b>	<b>And</b>	<b>Galaxy (R)SB(s)a</b>		<b>EF,PL,R</b>
	12"	5.5mmN	CF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>605</b>	<b>And</b>	<b>Galaxy S0</b>		<b>VF,VS,R,BM</b>
	12"	5.5mmN	CF,PS,OVAL,MEXT,UB,NND,R=F,PA=10		
<b>NGC</b>	<b>620</b>	<b>And</b>	<b>Galaxy Pec</b>		<b>EF,VS,R,LBM</b>
	12"	5.5mmN	CF,PS,R,UB,NND,R=F,AV-1		
<b>NGC</b>	<b>668</b>	<b>And</b>	<b>Galaxy Sb</b>		<b>PF,PS,R,GBM</b>
	12"	5.5mmN	CF,PS,OVAL,MEXT,UB,NND,R=F,PA=70		
<b>NGC</b>	<b>679</b>	<b>And</b>	<b>H175-3 Galaxy S0-:</b>		<b>F,STELLAR</b>
	12"	5.5mmN	PF,PS,R,FNUC,R=F		
<b>NGC</b>	<b>687</b>	<b>And</b>	<b>H561-3 Galaxy S0</b>		<b>VF,STELLAR</b>
	12"	7mm TV	CF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>703</b>	<b>And</b>	<b>H562-3 Galaxy S0-:</b>		<b>VF,VS,R,1ST OF 4</b>
	12"	7mm TV	CF,PS,OVAL,NND,R=F,PA=90		
<b>NGC</b>	<b>704</b>	<b>And</b>	<b>H563-3 Galaxy S0</b>		<b>VF,VS,R,2ND OF 4</b>
	12"	7mm TV	CF,CS,R,UB,NND,R=F		
<b>NGC</b>	<b>708</b>	<b>And</b>	<b>H565-3 Galaxy E</b>		<b>F,PL,BM,4TH OF 4</b>
	12"	7mm TV	PF,PS,R,NND,R=F		
<b>NGC</b>	<b>710</b>	<b>And</b>	<b>Galaxy Scd:</b>		<b>VF,PS,2*S</b>
	12"	5.5mmN	VF,PS,OVAL,UB,NND,R=F,AV-3,PA=115		
<b>NGC</b>	<b>712</b>	<b>And</b>	<b>Galaxy S0</b>		<b>VF,R,AM PB ST</b>
	12"	5.5mmN	CF,PS,OVAL,UB,NND,R=F,PA=95		
<b>NGC</b>	<b>714</b>	<b>And</b>	<b>Galaxy S0/a</b>		<b>F,VS,R,2*13P\$NP</b>
	12"	5.5mmN	PF,CS,EON,UB,NND,R=F,PA=170		
<b>NGC</b>	<b>717</b>	<b>And</b>	<b>Galaxy S0/a</b>		<b>VF,PS,*15SF1'</b>
	12"	5.5mmN	PF,CS,EON,UB,NND,R=F,AV-4,PA=170		
<b>NGC</b>	<b>721</b>	<b>And</b>	<b>Galaxy SB(rs)bc</b>		<b>EF,PL</b>
	12"	5.5mmN	VF,PS,OVAL,UB,NND,R=F,AV-5,PA=10		
<b>NGC</b>	<b>732</b>	<b>And</b>	<b>Galaxy S0</b>		<b>VF*IN VF,VS,R,NEBY</b>
	12"	5.5mmN	VF,PS,OVAL,UB,NND,R=F,AV-1,PA=70		

## Observations Listing by Date

<b>October 7, 2010</b>		<b>Hidden Hollow - RAS</b>		
<b>NGC 746</b>	<b>And</b>		<b>Galaxy Im</b>	<b>VF,PS,LE,SEV*NR</b>
12"	5.5mmN	VF,PS,OVAL,MEXT,UB,NND,R=F,AV-2,PA=115		
<b>NGC 759</b>	<b>And</b>		<b>Galaxy E</b>	<b>CL,VS,R</b>
12"	5.5mmN	PF,PS,R,FNUC,R=F		
<b>NGC 891</b>	<b>And</b>	<b>H19-5</b>	<b>Galaxy SA(s)b? sp</b>	<b>B,VL,VME22</b>
12"	11mmT6	PF,S,EON,UB,NND,R=F,PA=85		
<b>NGC 906</b>	<b>And</b>		<b>Galaxy SBab</b>	<b>EF,IE,</b>
12"	7mm TV	VF,VS,R,UB,NND,R=F,AV-4		
<b>NGC 980</b>	<b>And</b>	<b>H572-3</b>	<b>Galaxy S0</b>	<b>VF,PS,SP OF 2</b>
12"	7mm TV	VF,CS,OVAL,PEXT,UB,NND,R=F,AV-2,PA=170		
<b>NGC 982</b>	<b>And</b>	<b>H573-3</b>	<b>Galaxy Sa</b>	<b>F,S,NF OF 2</b>
12"	7mm TV	CF,CS,OVAL,PEXT,UB,NND,R=F,PA=10		
<b>NGC 1265</b>	<b>Per</b>		<b>Galaxy E+</b>	<b>VF,VS,MBM,</b>
12"	5.5mmN	CF,CS,R,UB,NND,R=F		
<b>NGC 1268</b>	<b>Per</b>		<b>Galaxy SAB(rs)b:</b>	<b>EF,S,LE,COM</b>
12"	5.5mmN	CF,CS,R,UB,NND,R=F		
<b>NGC 1272</b>	<b>Per</b>		<b>Galaxy E+</b>	<b>F,S,R</b>
12"	7mm TV	CF,PS,R,UB,NND,R=F		
<b>NGC 1275</b>	<b>Per</b>	<b>H603-2</b>	<b>Galaxy Pec</b>	<b>F,S</b>
12"	7mm TV	PF,PS,R,FNUC,R=F		
<b>NGC 1278</b>	<b>Per</b>		<b>Galaxy E pec:</b>	<b>PB,PS,R,BM</b>
12"	5.5mmN	CF,CS,R,UB,NND,R=F		
<b>NGC 7053</b>	<b>Peg</b>		<b>Galaxy S?</b>	<b>PB,S,VLE</b>
12"	7mm TV	VF,VS,OVAL,UB,NND,R=F,PA=80		
<b>NGC 7331</b>	<b>Peg</b>	<b>H53-1</b>	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>
12"	17mmAT	F,PS,EON,BNUC,HSB,R=G,PA=10		

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**September 12, 2010 Hidden Hollow - RAS**

<b>IC</b>	<b>43</b>	<b>And</b>	<b>Galaxy SABc</b>	
	12"	7mm TV	DIFF,VF,PS,R,NND,R=F	
<b>IC</b>	<b>1590</b>	<b>Cas</b>	<b>Open Cluster 9.0 n</b>	
	12"	11mmT6	PF,PS,R=P,STARS 6+ SOME ASSOCIATED NEBULOSITY	
<b>IC</b>	<b>1747</b>	<b>Cas</b>	<b>Planetary Neb 3b</b>	
	12"	5.5mmN	PF,VVS,R=P,STELLAR	
<b>IC</b>	<b>5258</b>	<b>Peg</b>	<b>Galaxy S0-:</b>	
	12"	5.5mmN	PF,PS,OVAL,MEXT,FNUC,R=F,PA=135	
<b>NGC</b>	<b>76</b>	<b>And</b>	<b>Galaxy S?</b>	<b>VF,S,BM</b>
	12"	7mm TV	CF,CS,OVAL,UB,NND,R=F,PA=95	
<b>NGC</b>	<b>528</b>	<b>And</b>	<b>Galaxy S0</b>	<b>F,PL,R,LBM</b>
	12"	5.5mmN	PF,CS,OVAL,MEXT,FNUC,R=F,PA=90	
<b>NGC</b>	<b>551</b>	<b>And</b>	<b>H560-3 Galaxy SBbc</b>	<b>VF,S,E,VGLBM,*13NR</b>
	12"	5.5mmN	VF,PS,EON,NND,AF,R=P,PA=175	
<b>NGC</b>	<b>1343</b>	<b>Cas</b>	<b>H694-3 Galaxy SAB(s)b: pec</b>	<b>F,VS,IR,GBM,D*V NR</b>
	12"	5.5mmN	CF,CS,OVAL,UB,NND,R=F,PA=110	
<b>NGC</b>	<b>7302</b>	<b>Aqr</b>	<b>H31-4 Galaxy SA(s)0-:</b>	<b>F,PS,R,VSMSN</b>
	12"	5.5mmN	CF,CS,OVAL,MEXT,UB,NND,R=F,PA=165	
<b>NGC</b>	<b>7309</b>	<b>Aqr</b>	<b>H476-2 Galaxy SAB(rs)c</b>	<b>VF,PL,R,GLBM,R</b>
	12"	5.5mmN	VF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>7383</b>	<b>Peg</b>	<b>Galaxy SB0</b>	<b>VF,VS,R,7385NF</b>
	12"	5.5mmN	VF,CS,R,UB,NND,AV,R=F	
<b>NGC</b>	<b>7407</b>	<b>Peg</b>	<b>Galaxy Sbc</b>	<b>EF,VS</b>
	12"	5.5mmN	VF,PS,OVAL,MEXT,UB,NND,AV,R=P,PA=110	
<b>NGC</b>	<b>7416</b>	<b>Aqr</b>	<b>Galaxy SB(r)b</b>	<b>F,PL,PME,VGBM</b>
	12"	5.5mmN	CF,CS,EON,UB,NND,R=F,PA=170	

## Observations Listing by Date

## September 9, 2010 Hidden Hollow - RAS

NGC	21	And		Galaxy SBb	EF,S,LE
	12"	5.5mmN	CF,PS,OVAL,MEXT,UB,NND,R=F,PA=95		
NGC	29	And	H853-2	Galaxy SAB(s)bc:	PB,PL,E0
	12"	5.5mmN	CF,PS,OVAL,PEXT,UB,NND,R=F,PA=45		
NGC	43	And		Galaxy SB0	EF,*12NP 45"
	12"	5.5mmN	PF,PS,R,FNUC,R=F		
NGC	97	And		Galaxy E:	F,VS,R,GBM
	12"	5.5mmN	PF,PS,R,FNUC,R=F		
NGC	233	And	H149-3	Galaxy E?	F,VS,R,LBM
	12"	5.5mmN	PF,PS,R,FNUC,R=F		
NGC	252	And	H609-2	Galaxy (R)SA(r)0+:	PB,S,R,PMBM,R,**P
	12"	5.5mmN	PF,PS,OVAL,FNUC,MSB,R=F,PA=130		
NGC	393	And	H54-1	Galaxy S0-:	F,VS,VLE,GBM,4S*NR
	12"	5.5mmN	PF,PS,OVAL,FNUC,MSB,R=G,PA=75		
NGC	1023	Per	H156-1	Galaxy SB(rs)0-	VB,VL,VME,VVMBM
	12"	17mmAT	B,S,EON,BNUC,R=G,PA=165		
NGC	3057	Dra	H978-3	Galaxy SB(s)dm	EF,PL,VLBM,2S* S
	12"	5.5mmN	VF,CS,OVAL,R,NND,AV,R=P		
NGC	3061	Dra	H903-2	Galaxy (R')SB(rs)c	VF,PL,RESOLVABLE
	12"	5.5mmN	VF,CS,R,NND,AV,R=F		
NGC	7549	Peg		Galaxy SB(s)cd pec	PF,PS,R,*10,11P
	12"	5.5mmN	VF,CS,EON,NND,AV,=P,PA=45		
NGC	7570	Peg	H238-3	Galaxy SBa	EF,ES
	12"	5.5mmN	VF,CS,OVAL,PEXT,NND,AV,R=F,PA=90		
NGC	7620	Peg		Galaxy Scd:	F,S,VLE
	12"	5.5mmN	PF,CS,R,FNUC,R=F		
NGC	7648	Peg	H218-3	Galaxy S0	VF,PS,LE,BM
	12"	5.5mmN	PF,PS,OVAL,MEXT,FNUC,R=F,PA=135		
NGC	7674	Peg		Galaxy SA(r)bc pec	F,CS,GBM,P OF 2
	12"	5.5mmN	CF,CS,R,UB,NND,R=F		
NGC	7677	Peg		Galaxy SAB(r)bc:	EF,VS,STELL
	12"	5.5mmN	PF,CS,OVAL,MEXT,FNUC,R=F,PA=95, 4 STAR AST TO S.W.		
NGC	7711	Peg	H244-2	Galaxy S0	F,S,R,PSBM,STELLAR
	12"	5.5mmN	PF,PS,OVAL,PEXT,FNUC,R=F,PA=170		
NGC	7712	Peg		Galaxy E?	VF
	12"	5.5mmN	CF,VS,OVAL,UB,NND,R=F,PA=10		
NGC	7722	Peg		Galaxy S0/a	PB,PL,R,MBM
	12"	5.5mmN	PF,PS,OVAL,MEXT,FNUC,R=G,PA=40		

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**September 9, 2010 Hidden Hollow - RAS**

<b>NGC 7775</b> 12"	<b>Peg</b> 5.5mmN	<b>Galaxy Scd:</b> VF,CS,R,UB,NND,R=F	<b>VF,PS,LE,GLBM</b>
<b>NGC 7786</b> 12"	<b>Peg</b> 5.5mmN	<b>Galaxy S?</b> CF,VS,OVAL,UB,NND,R=F,PA=55	<b>PF,PS,LE,VFSTINV,F-2</b>
<b>NGC 7794</b> 12"	<b>Peg</b> 5.5mmN	<b>H466-3 Galaxy S?</b> CF,CS,R,UB,NND,R=F	<b>VF,PS,IR</b>
<b>NGC 7800</b> 12"	<b>Peg</b> 5.5mmN	<b>H10-2 Galaxy Im?</b> CF,PS,OVAL,MEXT,UB,NND,R=F,PA=95	<b>F,PS,E39</b>
<b>NGC 7831</b> 12"	<b>And</b> 5.5mmN	<b>Galaxy Sb: sp</b> CF,PS,EON,UB,NND,R=F,PA=90	<b>EF,VS,ME,VF*VNR</b>
<b>UGC 12914</b> 12"	<b>Peg</b> 5.5mmN	<b>Galaxy</b> PF,PS,OVAL,PEXT,UB,NND,R=F,PA=30,PAIRED W/UGC 12915	
<b>UGC 12915</b> 12"	<b>Peg</b> 5.5mmN	<b>Galaxy</b> CF,CS,OVAL,MET,UB,NND,R=F,PA=20,PAIRED W/UGC 12914	



## Observations Listing by Date

## September 5, 2010 Hidden Hollow - RAS

<b>IC</b>	<b>1231</b>	<b>Dra</b>	<b>Galaxy Scd:</b>	
	12"	5.5mmN	CF,CS,OVAL,MEXT,UB,NND,R=F,PA=10	
<b>IC</b>	<b>4763</b>	<b>Dra</b>	<b>Galaxy S?</b>	
	12"	5.5mmN	CF,PS,EON,UB,NND,R=F,PA=165	
<b>NGC</b>	<b>6127</b>	<b>Dra</b>	<b>Non-Existent</b>	<b>PF,VS,R</b>
	12"	7mm TV	PF,PS,R,FNUC,R=G	
<b>NGC</b>	<b>6189</b>	<b>Dra</b>	<b>Galaxy Scd:</b>	<b>VF,PS,LE</b>
	12"	7mm TV	VF,CS,OVAL,UB,NND,AV,R=F,PA=65	
<b>NGC</b>	<b>6190</b>	<b>Dra</b>	<b>Galaxy Scd:</b>	<b>VF,PS,R,F*NR</b>
	12"	5.5mmN	CF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>6211</b>	<b>Dra</b>	<b>Galaxy SB(r)0^ pec:</b>	<b>VF,PS,R,SP OF 2</b>
	12"	7mm TV	PF,PS,OVAL,FNUCC,R=F,PA=95	
<b>NGC</b>	<b>6223</b>	<b>Dra</b>	<b>Galaxy Pec</b>	<b>F,S,R,MBM</b>
	12"	7mm TV	PF,PS,OVAL,FNUC,R=F,PA=140	
<b>NGC</b>	<b>6226</b>	<b>Dra</b>	<b>Galaxy Pec</b>	<b>F,S,TRIW/2*12\$14</b>
	12"	5.5mmN	CF,VS,OVAL,UB,NND,R=F,PA=90	
<b>NGC</b>	<b>6232</b>	<b>Dra</b>	<b>Galaxy (R')SB(s)a</b>	<b>PF,PL,LE</b>
	12"	7mm TV	CF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>6236</b>	<b>Dra</b>	<b>Galaxy SAB(s)cd</b>	<b>F,PL</b>
	12"	7mm TV	VF,PS,OVAL,UB,NND,AV,R=F,PA=45	
<b>NGC</b>	<b>6247</b>	<b>Dra</b>	<b>Galaxy Pec</b>	<b>F,PS,IF</b>
	12"	5.5mmN	CF,CS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>6306</b>	<b>Dra</b>	<b>Galaxy SB(s)ab pec:</b>	<b>VF,VS,LE</b>
	12"	5.5mmN	VF,VS,OVAL,UB,NND,AV,R=F,PA=10 PAIRED WITH NGC 6307	
<b>NGC</b>	<b>6307</b>	<b>Dra</b>	<b>Galaxy (R')SB(s)0/a p</b>	<b>VF,VS,LE,*13NR N</b>
	12"	5.5mmN	CF,CS,OVAL,MEXT,FNUC,R=F,PA=10 PAIRED WITH NGC 6306	
<b>NGC</b>	<b>6310</b>	<b>Dra</b>	<b>Galaxy Sb: sp</b>	<b>F,PL,LE</b>
	12"	5.5mmN	CF,CS,EON,UB,NND,R=F,PA=110	
<b>NGC</b>	<b>6359</b>	<b>Dra</b>	<b>Galaxy SA0-:</b>	<b>PB,S,R,BMN=*12</b>
	12"	5.5mmN	PF,CS,OVAL,FNUC,R=F,PA=5	
<b>NGC</b>	<b>6361</b>	<b>Dra</b>	<b>Galaxy SAb: sp</b>	<b>VF,PS,ME,NEAR BET 2*</b>
	12"	5.5mmN	CF,CS,EON,UB,NND,R=F,PA=95	
<b>NGC</b>	<b>6381</b>	<b>Dra</b>	<b>Galaxy SA(s)c?</b>	<b>VF,PL,E</b>
	12"	5.5mmN	VF,CS,OVAL,UB,NND,AV,R=P,PA=90	
<b>NGC</b>	<b>6395</b>	<b>Dra</b>	<b>Galaxy Scd:</b>	<b>VF,PL,LE,D*N</b>
	12"	5.5mmN	VF,CS,EON,UB,NND,AV,R=F,PA=75	
<b>NGC</b>	<b>6411</b>	<b>Dra</b>	<b>Galaxy E</b>	<b>VS,GBM</b>
	12"	5.5mmN	PF,PS,OVAL,MEXT,FNUC,NSB,R=G,PA=105	

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## September 5, 2010 Hidden Hollow - RAS

NGC 6412	Dra	H41-6	Galaxy SA(s)c	GCL,CL,R,VGBM,RR
12"	5.5mmN		DIFF,PF,PS,OVAL,NND,R=F,PA=170	
NGC 6434	Dra	H741-3	Galaxy SBbc:	VF,VS,R,STELLAR,*8S
12"	5.5mmN		PF,CS,OVAL,PEXT,NND,R=F,PA=160	
NGC 6508	Dra		Galaxy E:	VF,S,3ST NR
12"	5.5mmN		CF,PS,R,UB,NND,R=F	
NGC 6543	Dra	H37-4	Planetary Neb 3a+2	PLN,VB,PS,SBMVSN
12"	5.5mmN		PB,PS,R=G, NO CENTRAL STAR NOTED. OIII NOT MUCH HELP - NO ADDITIONAL STRUCTURE	
NGC 6677	Dra		Galaxy Compact	VF,VS,BET*VNR\$VF D*
12"	5.5mmN		PF,CS,R,UB,NNE,R=F	
NGC 6701	Dra		Galaxy (R')SB(s)a	PB,PS,ME,F*CLOSE F
12"	5.5mmN		PF,PS,OVAL,MEXT,FNUC,MSB,R=G,PA=30	
NGC 6742	Dra	H742-3	Planetary Neb 2c	VF,STELLAR
12"	5.5mmN		CF,CS,R=F. NO CENTRAL STAR NOTED. OIII ADDS NOTHING.	
NGC 6750	Dra		Galaxy Sc	VF,VS,R
12"	5.5mmN		CF,PS,OVAL,MET,UB,NND,R=F,PA=35	
NGC 6757	Dra		Galaxy SB(r)0/a	PF,ME,3F*INV
12"	5.5mmN		DIFF,CF,PS,OVAL,UB,NND,R=F,PA=105	
NGC 6786	Dra		Galaxy SB?	EEF,S,R,2ST NF
12"	5.5mmN		CF,PS,OVAL,UB,NND,R=F,PA=85	
NGC 6789	Dra		Galaxy Im	EEF,PL,R,VDIFFIC
12"	5.5mmN		VF,PS,OVAL,UB,NND,AV,R=F,PA=120	
NGC 6796	Dra		Galaxy Sbc: sp	VF,PS,ME NS
12"	5.5mmN		CF,PS,EON,UB,NND,R=F,PA=45	
NGC 7094	Peg		Planetary Neb 4	*IN EEF NEBY,VDIFFIC
28"	26mm		PF,PS,R,R=F,OII, NO CENTRAL STAR NOTED	
NGC 7293	Aqr		Planetary Neb 4+3	PF,VL,E OR BIN
12"	11mmT6		B,PS,R=G. CENTRAL STAR NOT NOTED. OIII FILTER ADDS DETAIL.	
NGC 7631	Peg		Galaxy SA(r)b:	VF,VS
12"	5.5mmN		CF,PS,EON,UB,NND,R=F,PA=40	
NGC 7634	Peg	H441-2	Galaxy SB0	F,S,F**ATT
12"	5.5mmN		CF,CS,R,UB,NND,R=P,PA=90	
NGC 7753	Peg	H213-2	Galaxy SAB(rs)bc	CF,CL,VLE,VGLBM,R
12"	7mm TV		CF,PS,OVAL,UB,NND,R=F,PA=100	

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**August 31, 2010 Hidden Hollow - RAS**

<b>IC</b>	<b>289</b>	<b>Cas</b>	<b>Planetary Neb 4+2</b>	
	12"	7mm TV	PF,PS,R=F. NO CENTRAL STAR NOTED.	
<b>NGC</b>	<b>205</b>	<b>And</b>	<b>M110 H18-5 Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
	12"	17mmAT	NIGHT ENDING EYE CANDY	
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32 Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
	12"	17mmAT	NIGHT ENDING EYE CANDY	
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31 Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	12"	22mmAT	NIGHT ENDING EYE CANDY	
<b>NGC</b>	<b>581</b>	<b>Cas</b>	<b>M103 Open Cluster 9.0 II 2 m</b>	<b>CL,PL,B,R,RI,*10..11</b>
	12"	17mmAT	NIGHT ENDING EYE CANDY	
<b>NGC</b>	<b>869</b>	<b>Per</b>	<b>H33-6 Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
	12"	17mmAT	NIGHT ENDING EYE CANDY	
<b>NGC</b>	<b>884</b>	<b>Per</b>	<b>H34-6 Open Cluster 6.4 I 3 r</b>	<b>CL,VL,VRI,RUBY*M</b>
	12"	17mmAT	NIGHT ENDING EYE CANDY	
<b>NGC</b>	<b>2977</b>	<b>Dra</b>	<b>H282-1 Galaxy Sb:</b>	<b>CB,PL,IF,</b>
	12"	7mm TV	VF,VS,OVAL,MEXT,PATCH,NND,R=F. PA=110	
<b>NGC</b>	<b>3194</b>	<b>Dra</b>	<b>H965-3 Galaxy S?</b>	<b>VF,VS</b>
	12"	7mm TV	CF,VS,OVAL,MEXT,UB,NND,AV,R=P. PA=170	
<b>NGC</b>	<b>3562</b>	<b>Dra</b>	<b>H337-2 Galaxy E</b>	<b>PF,PS,LE,GBM,*70"NP</b>
	12"	7mm TV	CF,PS,OVAL,PATCH,NND,AV,R=F. PA=135	
<b>NGC</b>	<b>3682</b>	<b>Dra</b>	<b>H262-1 Galaxy SA(s)0/a:?</b>	<b>CB,S,IR,SPMBMN</b>
	12"	7mm TV	PF,CS,OVAL,MEXT,UB,NND,R=F. PA=75	
<b>NGC</b>	<b>3735</b>	<b>Dra</b>	<b>H287-1 Galaxy SAc: sp</b>	<b>PB,L,ME130,MBM</b>
	12"	7mm TV	CF,PS,EON,UB,NND,R=F. PA=90	
<b>NGC</b>	<b>4108</b>	<b>Dra</b>	<b>Galaxy (R')SAc:</b>	<b>B,S,R,GBM</b>
	12"	7mm TV	VF,CS,OVAL,NND,AV,R=F. PA=90??	
<b>NGC</b>	<b>4128</b>	<b>Dra</b>	<b>H263-1 Galaxy SA0: sp</b>	<b>CB,LE,BM</b>
	12"	7mm TV	PF,PS,EON,FNUC,MSB,R=G. PA=10	
<b>NGC</b>	<b>4133</b>	<b>Dra</b>	<b>H278-1 Galaxy SABb:</b>	<b>PB,CL,R,GMBM</b>
	12"	7mm TV	CF,PS,OVAL,EXT,UB,NND,R=F. PA=70	
<b>NGC</b>	<b>4210</b>	<b>Dra</b>	<b>H850-3 Galaxy SB(r)b</b>	<b>PF,PS,R,VGBM</b>
	12"	7mm TV	VF,PS,R,NND,R=F	
<b>NGC</b>	<b>4221</b>	<b>Dra</b>	<b>Galaxy (R)SB(r)0+</b>	<b>PB,S,R,PSBM</b>
	12"	7mm TV	PF,PS,OVAL,EXT,FNUC,R=F.	
<b>NGC</b>	<b>4256</b>	<b>Dra</b>	<b>H846-2 Galaxy SA(s)b: sp</b>	<b>PB,L,CE38,BMBN</b>
	12"	7mm TV	PF,PS,EON,FNUC,MSB,R=F. PA=170	
<b>NGC</b>	<b>4521</b>	<b>Dra</b>	<b>H849-2 Galaxy S0/a</b>	<b>PB,S,PME,PGBM,*P12S</b>
	12"	7mm TV	CF,PS,EON,UB,NND,R=G. PA=195	

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**August 31, 2010 Hidden Hollow - RAS**

<b>NGC 4605</b> 12"	<b>UMa</b> 7mm TV	<b>H254-1</b> DIFF,CF,PS,OVAL,UB,NND,R=F. PA=90	<b>Galaxy SB(s)c pec</b>	<b>B,L,VME118,GLBM</b>
<b>NGC 6079</b> 12"	<b>UMi</b> 7mm TV	<b>H884-3</b> CF,PS,OVAL,NND,R=F. PA=90	<b>Galaxy E</b>	<b>VF,VS</b>
<b>NGC 6853</b> 12"	<b>Vul</b> 17mmAT	<b>M27</b> NIGHT ENDING EYE CANDY	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBEL</b>
<b>NGC 6913</b> 12"	<b>Cyg</b> 17mmAT	<b>M29</b> NIGHT ENDING EYE CANDY	<b>Open Cluster 9.0 II 3 m n</b>	<b>CL,P,LC,STL\$\$</b>
<b>NGC 6946</b> 12"	<b>Cep</b> 7mm TV	<b>H76-4</b> DIFF,PF,S,OVAL,MEXT,UB,NND,R=G. PA=180	<b>Galaxy SAB(rs)cd</b>	<b>VF,VL,VG,VSBM,RR</b>
<b>NGC 7078</b> 12"	<b>Peg</b> 17mmAT	<b>M15</b> NIGHT ENDING EYE CANDY	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
<b>NGC 7089</b> 12"	<b>Aqr</b> 17mmAT	<b>M2</b> NIGHT ENDING EYE CANDY	<b>Globular</b>	<b>GCL,B,VL,GPMBM,RRR</b>

**August 29, 2010 Hidden Hollow - RAS**

<b>IC 1297</b> 12"	<b>CrA</b> 7mm TV	<b>Planetary Neb</b> PF,VS,R=F. NO CENTRAL STAR NOTED		
<b>NGC 3329</b> 12"	<b>Dra</b> 7mm TV	<b>H284-1</b> CF,CS,OVAL,MEXGT,UB,NND,R=F. PA=100.	<b>Non-Existent</b>	<b>PB,S,LE,PSMBM</b>
<b>NGC 3735</b> 12"	<b>Dra</b> 7mm TV	<b>H287-1</b> CF,PS,EON,UB,NND,R=F. PA=90	<b>Galaxy SAc: sp</b>	<b>PB,L,ME130,MBM</b>
<b>NGC 4128</b> 12"	<b>Dra</b> 7mm TV	<b>H263-1</b> PF,PS,OVAL,PEXT,FNUC,R=F. PA=10	<b>Galaxy SA0: sp</b>	<b>CB,LE,BM</b>
<b>NGC 6563</b> 12"	<b>Sgr</b> 7mm TV	<b>Planetary Neb 3a</b> PF,PS,R=F. NO CENTRAL STAR NOTED		<b>PLN,F,L,CE,HAZY EDGE</b>
<b>NGC 7094</b> 12"	<b>Peg</b> 7mm TV	<b>Planetary Neb 4</b> VF,CS,AV,R=F. NO CENTRAL STAR NOTED.		<b>*IN EEF NEBY,VDIFFIC</b>
<b>NGC 7321</b> 12"	<b>Peg</b> 7mm TV	<b>H237-3</b> VF,CS,OVAL,UB,NND,R=F. PA=75	<b>Galaxy SB(r)b</b>	<b>F,S,IR,VGVLBM</b>

## Observations Listing by Date

**August 18, 2010 Hidden Hollow - RAS**

<b>HENIZ 2-438</b> 12"	<b>Cyg</b> 26mm	<b>Planetary Neb 4</b> PF,VS,R=F,STELLAR IN APPEARANCE,OIII FILTER	
<b>IC 1318</b> 12"	<b>Cyg</b> 26mm	<b>Nebula E</b> F,PL,R=G,IRREGULAR SHAPE,LARGE,OIII FILTER	
<b>IC 5068</b> 12"	<b>Cyg</b> 26mm	<b>Nebula E</b> PF,PL,R=P,ROUGHLY-RECTANGULAR SHAPE,DIM,OIII FILTER	
<b>NGC 3329</b> 12"	<b>Dra</b> 7mm TV	<b>H284-1 Non-Existent</b> CF,CS,OVAL,MEXT,UB,NND,A=F. PA=100, 2 STARS NEAR W.N.W.	<b>PB,S,LE,PSMBM</b>
<b>NGC 6596</b> 12"	<b>Sgr</b> 11mmT6	<b>H55-8 Open Cluster II 2 m n</b> PF,PS,R=F,LOOSE GROUP,NEBULOSITY NOTED IN MIDDLE	<b>CL,LC</b>
<b>NGC 6724</b> 12"	<b>Aql</b> 11mmT6	<b>Open Cluster 12.0 cluster?</b> PF,CS, R=P, TIGHT GROUP, STARS 6-8	<b>CL</b>
<b>NGC 6775</b> 12"	<b>Aql</b> 11mmT6	<b>Open Cluster cluster?</b> PF,CS,R=P,LOOSE DISTANT GROUP, STARS 8-10	<b>CL,P,LC,ST10...11</b>
<b>NGC 6793</b> 12"	<b>Vul</b> 11mmT6	<b>H81-8 Open Cluster III 2 p</b> PF,PS,R=F, STARS 10-12	<b>CL,P,LC</b>
<b>NGC 6800</b> 12"	<b>Vul</b> 11mmT6	<b>H21-8 Open Cluster 10.0 IV 1 p</b> PF,CS,R=P,STARS 8+?	<b>CL,VL,PRI,VLC,ST10..</b>
<b>NGC 6858</b> 12"	<b>Aql</b> 11mmT6	<b>Open Cluster 10.0 cluster?</b> PF,PS,R=F,LOOSE GROUP, STAR 10-15	<b>CL,CL,E,PRI,ST13...</b>
<b>NGC 6914A</b> 12"	<b>Cyg</b> 11mmT6	<b>Nebula R</b> CF,PS,R=F,FAINT HINT OF NEBULOSITY, OIII FILTER, STARS 5+	
<b>NGC 6914B</b> 12"	<b>Cyg</b> 11mmT6	<b>Nebula R</b> CF,PS,R=P,FAINT HINT OF NEBULOSITY,OIII FILTER STARS 2	
<b>NGC 6950</b> 12"	<b>Del</b> 11mmT6	<b>H23-8 Open Cluster cluster?</b> PF,PS,R=F,LOOSE,STARS 30+	<b>CL,P,VLC</b>
<b>NGC 6974</b> 12"	<b>Cyg</b> 11mmT6	<b>Nebula EN</b> CF,PS,R=P,LONG-NARROW,OIII FILTER	<b>NEB*,NEBY CE PF</b>
<b>NGC 6996</b> 12"	<b>Cyg</b> 11mmT6	<b>Open Cluster 11.0 III 2 m n</b> F,S,R=F,NICE GROUPING, STARS 20+	<b>CL,P,LC</b>

## Observations Listing by Date

**August 13, 2010 Hidden Hollow - RAS**

<b>ABELL 67</b> 31"	<b>Aql</b> 17mmT4	<b>Planetary Neb 2b</b> VF,VS,AV,R=P. NO CENTRAL STAR NOTED.	
<b>IC 1301</b> 31"	<b>Cyg</b> 17mmT4	<b>Galaxy Scd:</b> CF,PS,OVAL,UB,NND,R=F	
<b>IC 1302</b> 31"	<b>Cyg</b> 17mmT4	<b>Galaxy SAB(s)c?</b> PF,CS,OVAL,MEXT,UB,NND,R=F	
<b>IC 1303</b> 31"	<b>Cyg</b> 17mmT4	<b>Galaxy SAc:</b> PF,CS,OVAL,PEXT,UB,NND,R=F	
<b>IC 4867</b> 31"	<b>Cyg</b> 17mmT4	<b>Galaxy S0</b> PF,PS,OVAL,MEXT,FNUC,R=F	
<b>NGC 6826</b> 31"	<b>Cyg</b> 17mmT4	<b>H73-4 Planetary Neb 3a+2</b> B,S,R=F, CENTRAL STAR OBSERVED AND NOTED	<b>PLN,B,PL,R,*11M</b>
<b>NGC 6833</b> 31"	<b>Cyg</b> 17mmT4	<b>Planetary Neb 2</b> CF,VVS,R=F. STELLAR IN APPEARANCE	<b>PLN,STELLAR</b>
<b>NGC 6846</b> 31"	<b>Cyg</b> 17mmT4	<b>Open Cluster 12.8 II 2</b> F,CS,R=F	<b>EF,VS,3*INV</b>
<b>NGC 6852</b> 31"	<b>Aql</b> 17mmT4	<b>Planetary Neb 4</b> F,PS,PATCHY,R=F. NO CENTRAL STAR NOTED.	<b>F NEB,AM ST</b>
<b>NGC 6881</b> 31"	<b>Cyg</b> 17mmT4	<b>Planetary Neb 2a+3</b> PF,VS,R=P. STELLAR IN APPEARANCE - NO CENTRAL STAR!	<b>PLN,STELLAR</b>
<b>NGC 6894</b> 31"	<b>Cyg</b> 17mmT4	<b>H13-4 Planetary Neb 4+2</b> F,PS,R=F. OVAL PATCH - NO CENTRAL STAR NOTED	<b>RINGNEB,F,S,VVLE</b>
<b>PGC 63211</b> 31"	<b>Cyg</b> 17mmT4	<b>Galaxy S</b> CF,VS,R,UB,NND,R=F	
<b>PGC 63912</b> 31"	<b>Aql</b> 17mmT4	<b>Galaxy SAB(rs)c</b> CF,PS,R,UB,NND,AV,R=P	
<b>PGC 64016</b> 31"	<b>Aql</b> 17mmT4	<b>Galaxy Sb:</b> VF,CS,OVAL,PEXT,NND,AV,R=F	

**August 12, 2010 Hidden Hollow - RAS**

<b>NGC 4133</b> 12"	<b>Dra</b> 7mm TV	<b>H278-1 Galaxy SABb:</b> VF,VS,OVAL,MEXT,NND,AV,R=P	<b>PB,CL,R,GMBM</b>
<b>NGC 4250</b> 12"	<b>Dra</b> 7mm TV	<b>H264-1 Galaxy SAB(r)0+</b> CF,PS,OVAL,UB,NND,R=F	<b>PB,S,R,PGBM</b>
<b>NGC 5879</b> 12"	<b>Dra</b> 7mm TV	<b>H757-2 Galaxy SA(rs)bc:?</b> PF,PS,OVAL,MEXT,UB,NND,R=F	<b>CB,S,E,MBMRN,R</b>
<b>NGC 6359</b> 12"	<b>Dra</b> 7mm TV	<b>Galaxy SA0-:</b> PF,PS,R,NND,R=F	<b>PB,S,R,BMN=*12</b>

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**August 6, 2010****Hidden Hollow - RAS**

<b>NGC 3183</b> 12"	<b>Dra</b> 7mm TV	<b>H283-1</b> CF,CS,OVAL,UB,NND,AV,R=F	<b>Non-Existent</b>	<b>F,PL,E,LBM</b>
<b>NGC 3329</b> 12"	<b>Dra</b> 7mm TV	<b>H284-1</b> VF,VS,OVAL,NND,AV,R=F	<b>Non-Existent</b>	<b>PB,S,LE,PSMBM</b>
<b>NGC 4157</b> 12"	<b>UMa</b> 7mm TV	<b>H208-1</b> PF,PS,EON,UB,NND,R=F	<b>Galaxy SAB(s)b? sp</b>	<b>PF,CL,VME60,(DOUBLE)</b>
<b>NGC 4250</b> 12"	<b>Dra</b> 7mm TV	<b>H264-1</b> PF,CS,OVAL,UB,NND,R=F	<b>Galaxy SAB(r)0+</b>	<b>PB,S,R,PGBM</b>
<b>NGC 5678</b> 12"	<b>Dra</b> 7mm TV	<b>H237-1</b> PF,PS,OVAL,UB,MSB,R=F	<b>Galaxy SAB(rs)b</b>	<b>B,L,LE0,VGMBM</b>
<b>NGC 5879</b> 12"	<b>Dra</b> 7mm TV	<b>H757-2</b> PF,PS,OVAL,VEXT,FNUC,R=G	<b>Galaxy SA(rs)bc:?</b>	<b>CB,S,E,MBMRN,R</b>
<b>NGC 5894</b> 12"	<b>Dra</b> 7mm TV	<b>H763-2</b> VF,FS,PEXT,UB,NND,AV,R=F	<b>Galaxy SBdm?</b>	<b>PF,PS,E0</b>
<b>NGC 5905</b> 12"	<b>Dra</b> 7mm TV	<b>H758-2</b> DIFF,PF,PS,R,UB,NND,R=F	<b>Galaxy SB(r)b</b>	<b>PF,PS,IR</b>
<b>NGC 5908</b> 12"	<b>Dra</b> 7mm TV	<b>H760-2</b> PF,PS,OVAL,MEXT,UB,NND,R=F	<b>Galaxy SA(s)b: sp</b>	<b>PF,PS,R</b>
<b>NGC 5949</b> 12"	<b>Dra</b> 7mm TV	<b>H906-2</b> PF,CS,OVAL,UB,NND,R=F	<b>Galaxy SA(r)bc?</b>	<b>F,S,LE45,VGLBM</b>
<b>NGC 5963</b> 12"	<b>Dra</b> 7mm TV	<b>H761-2</b> PF,CS,OVAL,MEXT,UB,NND,R=F	<b>Galaxy S pec</b>	<b>PF,PS,IF</b>
<b>NGC 5965</b> 12"	<b>Dra</b> 7mm TV	<b>H762-2</b> CF,CS,EON,UB,NND,R=F	<b>Galaxy Sb</b>	<b>CF,CL,LE</b>
<b>NGC 5987</b> 12"	<b>Dra</b> 7mm TV	<b>H765-2</b> PF,PS,OVAL,PEXT,FNUC,MSB,R=G	<b>Galaxy Sb</b>	<b>PF,CS</b>
<b>NGC 7317</b> 12"	<b>Peg</b> 7mm TV	<b>H765-2</b> VF,CS,R,NND,AV,R=F	<b>Galaxy E4</b>	<b>VF,VS</b>
<b>NGC 7318B</b> 12"	<b>Peg</b> 7mm TV	<b>H765-2</b> VF,CS,R,NND,AV,R=P	<b>Galaxy SB(s)bc pec</b>	<b>EF,ES</b>
<b>NGC 7318A</b> 12"	<b>Peg</b> 7mm TV	<b>H765-2</b> EF,CS,R,NND,R=P	<b>Galaxy E2 pec</b>	<b>EF,ES</b>
<b>NGC 7319</b> 12"	<b>Peg</b> 7mm TV	<b>H765-2</b> CF,PS,OVAL,UB,NND,R=F	<b>Galaxy SB(s)bc pec</b>	<b>EF,ES</b>
<b>NGC 7320</b> 12"	<b>Peg</b> 7mm TV	<b>H765-2</b> CF,PS,OVAL,UB,NND,R=F	<b>Galaxy SA(s)d</b>	<b>F,VS</b>
<b>TER 9</b> 28"	<b>Sgr</b> 26mm	<b>H765-2</b> PF,PS,SMUDGE	<b>Globular</b> NO STARS RESOLVED	

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<b>NGC</b>	<b>3516</b>	<b>UMa</b>	<b>H336-2</b>	<b>Galaxy (R)SB(s)0<sup>+</sup>:</b>	<b>PB,VS,IR,PSMBM*</b>
	12"	7.5mmW	PF,CS,OVAL,FNUC,R=F		
<b>NGC</b>	<b>3583</b>	<b>UMa</b>	<b>H728-2</b>	<b>Galaxy SB(s)b</b>	<b>PB,PL,R,VGMBM</b>
	12"	7.5mmW	DIFF,CF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>3622</b>	<b>UMa</b>	<b>H879-2</b>	<b>Galaxy S?</b>	<b>PB,S,R,GBM</b>
	12"	7.5mmW	VF,CS,OVAL,MEXT,UB,NND,AV,R=F		
<b>NGC</b>	<b>3668</b>	<b>UMa</b>	<b>H845-2</b>	<b>Galaxy Sbc</b>	<b>F,PS,IR,GBM,*9NP</b>
	12"	7.5mmW	VF,CS,R,UB,NND,AV,R=F		
<b>NGC</b>	<b>3669</b>	<b>UMa</b>	<b>H829-2</b>	<b>Galaxy SBcd: sp</b>	<b>VF,PL,PME135,ER</b>
	12"	7.5mmW	VF,CS,EON,UB,NND,AV,R=P		
<b>NGC</b>	<b>4291</b>	<b>Dra</b>	<b>H275-1</b>	<b>Galaxy E</b>	<b>PB,VS,R,LBM,3*F</b>
	12"	7.5mmW	PF,CS,OVAL,FNUC,MSB,R=F		
<b>NGC</b>	<b>4319</b>	<b>Dra</b>	<b>H276-1</b>	<b>Galaxy SB(r)ab</b>	<b>PB,PS,VLE,SBM</b>
	12"	7.5mmW	CF,PS,R,UB,LSB,R=F		
<b>NGC</b>	<b>4332</b>	<b>Dra</b>	<b>H847-2</b>	<b>Galaxy SB(s)a</b>	<b>PF,S,VLE,VGBM</b>
	12"	7.5mmW	CF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>4386</b>	<b>Dra</b>	<b>H277-1</b>	<b>Galaxy SAB0<sup>+</sup>:</b>	<b>PB,CL,LE,PSMBM</b>
	12"	7.5mmW	PF,CS,OVAL,MEXT,FNUC,R=F		
<b>NGC</b>	<b>4391</b>	<b>Dra</b>	<b>H852-3</b>	<b>Galaxy SA0-:</b>	<b>CF,S,R,SBM,***SP</b>
	12"	7.5mmW	CF,VS,R,UB,NND,R=F		
<b>NGC</b>	<b>4441</b>	<b>Dra</b>	<b>H848-2</b>	<b>Galaxy SAB0+ pec</b>	<b>PB,S,IR,BM</b>
	12"	7.5mmW	VF,PS,R,NND,AV,R=P		
<b>NGC</b>	<b>4512</b>	<b>Dra</b>		<b>Galaxy SB(s)dm</b>	<b>PB,S,R,PSBM</b>
	12"	7.5mmW	VF,CS,OVAL,UB,NND,AV,R=P		
<b>NGC</b>	<b>6153</b>	<b>Sco</b>		<b>Planetary Neb 4</b>	<b>PLN,STELLAR</b>
	12"	7.5mmW	PF,CS,R,R=F, NO CENTRAL STAR OBSERVED.		



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<b>IC</b>	<b>4501</b>	<b>Lib</b>	<b>Galaxy SB(s)dm</b>	
	12"	7.5mmW	VF,VS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>5809</b>	<b>Lib</b>	<b>Galaxy S0/a: sp</b>	<b>VF,S,E,GLBM</b>
	12"	7.5mmW	EF,VS,OVAL,PEXT,UB,NND,AV,R=P	
<b>NGC</b>	<b>5810</b>	<b>Lib</b>	<b>Galaxy SB(rs)b:</b>	<b>EF,VS,LE230,BET 2VF*</b>
	12"	7.5mmW	VF,CS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>5858</b>	<b>Lib</b>	<b>Galaxy E6:</b>	<b>F,S,STELLN,5861SF</b>
	12"	7.5mmW	VF,VS,R,UB,NND,AV,R=F	
<b>NGC</b>	<b>5863</b>	<b>Lib</b>	<b>Galaxy (R')SAB(rs)a</b>	<b>*12IN EFNEB,S,R</b>
	12"	7.5mmW	CF,CS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>5872</b>	<b>Lib</b>	<b>Galaxy SAB0^:</b>	<b>NO DESCRIPTION</b>
	12"	7.5mmW	PF,CS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>5885</b>	<b>Lib</b>	<b>H116-3 Galaxy SAB(r)c</b>	<b>F,CL,R,VGBM</b>
	12"	7.5mmW	PF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>5890</b>	<b>Lib</b>	<b>Galaxy SA(r)0+?</b>	<b>VF,VS,E235</b>
	12"	7.5mmW	EF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>5891</b>	<b>Lib</b>	<b>Galaxy Sbc</b>	<b>VF,PS,LE,GBM,*11F</b>
	12"	7.5mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>5892</b>	<b>Lib</b>	<b>Galaxy SA(s)d</b>	<b>EF,L,GBM</b>
	12"	7.5mmW	VF,VS,OVAL,NND,R=F	
<b>NGC</b>	<b>5898</b>	<b>Lib</b>	<b>H138-3 Galaxy E0</b>	<b>F,S,R,GBM</b>
	12"	7.5mmW	F,CS,OVAL,UB,NND,AV,R=F	
<b>NGC</b>	<b>5915</b>	<b>Lib</b>	<b>Galaxy SB(s)ab pec</b>	<b>B,S,R,GLBM,P OF 2</b>
	12"	7.5mmW	PF,CS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>5959</b>	<b>Lib</b>	<b>Galaxy E+:</b>	<b>VF,PS,VLE,BMN</b>
	12"	7.5mmW	CF,CS,R,UB,NND,R=F	
<b>PGC</b>	<b>52816</b>	<b>Lib</b>	<b>Galaxy (R')SB(r)a</b>	
	12"	7.5mmW	VF,S,R,UB,NND,R=F	

## Observations Listing by Date

June 7, 2010

Hidden Hollow - RAS

<b>IC</b>	<b>3568</b>	<b>Cam</b>	<b>Planetary Neb 2+2a</b>	
	12"	7.5mmW	PB,VS,R=F. ALMOST STELLER	
<b>NGC</b>	<b>2805</b>	<b>UMa</b>	<b>H878-3 Galaxy SAB(rs)d</b>	<b>VF,L,R,MBM</b>
	12"	11mmT6	PF,PS,OVAL,MEXT,UB,NND.R=F	
<b>NGC</b>	<b>3511</b>	<b>Crt</b>	<b>H39-5 Galaxy SA(s)c</b>	<b>VF,VL,ME</b>
	12"	11mmT6	CF,PS,EON,UB,NND,R=F	
<b>NGC</b>	<b>4664</b>	<b>Vir</b>	<b>H142-1 Galaxy SB(s)0/a</b>	<b>PB,2S*IN M,(=4665)</b>
	12"	11mmT6	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>5861</b>	<b>Lib</b>	<b>H192-2 Galaxy SAB(rs)c</b>	<b>F,L,E,R</b>
	12"	9mm	DIFF,CF,PS,OVAL,MEXT,NND,AV,R=P	
<b>NGC</b>	<b>5907</b>	<b>Dra</b>	<b>H759-2 Galaxy SA(s)c: sp</b>	<b>CB,VL,VME155,VGPSBMN</b>
	12"	7.5mmW	PF,PL,EON,FNUC,FAINT BULGE,R=G	
<b>PK</b>	<b>318+41.1</b>	<b>Vir</b>	<b>Planetary Neb 3b+3a</b>	
	12"	9mm	CF,PL,PATCHY, NO CENTRAL STAR DETECTED,R=P	

## Observations Listing by Date

May 19, 2010

Hidden Hollow - RAS

NGC 4437 12"	Vir 7.5mmW	H5-4 DIFF,CF,PS,EON,NND,AV,R=F	Galaxy SA(s)cd: sp	F,EE75,*10NF
NGC 5493 12"	Vir 7.5mmW	H46-4 PF,CS,OVAL,MEXT,BNUC,R=G	Galaxy S0 pec sp	PB,VS,R,PSMBM*,*18IN
NGC 5506 12"	Vir 7.5mmW	H687-2 DIFF,CF,PS,EON,NND,R=F	Galaxy Sa pec sp	PB,L,E20,LBM
NGC 5507 12"	Vir 7.5mmW	H49-4 PF,CS,OVAL,MEXT,FNUC,MR=G	Galaxy SAB(r)0^	CF,S,R,STELLAR
NGC 5636 12"	Vir 7.5mmW	H580-2 VF,CS,OVAL,UB,NND,R=F	Galaxy SAB(r)0+	EF,CL,R,NP OF 2
NGC 5638 12"	Vir 7.5mmW	H581-2 PF,PS,R,UB,NND,R=F	Galaxy E1	CB,PL,R,SF OF 2
NGC 5668 12"	Vir 7.5mmW	H574-2 DIFF,CF,PS,R,UB,NND,R=F	Galaxy SA(s)d	F,PS,VLE,*14INV
NGC 5750 12"	Vir 7.5mmW	H183-1 CF,PS,OVAL,UB,NND,R=F	Galaxy SB(r)0/a	PF,PS,VLE,R
NGC 5774 12"	Vir 7.5mmW		Galaxy SAB(rs)d	PF,PL,R,NP OF 2
NGC 5775 12"	Vir 7.5mmW	H554-3 PF,PS,EON,UB,NND,R=F	Galaxy SBc? sp	F,PS,VME148,GVLBM
NGC 5806 12"	Vir 7.5mmW	H539-2 PF,PS,OVAL,MEXT,FNUC,R=F	Galaxy SAB(s)b	CB,CL,E165,SBMN
NGC 5831 12"	Vir 7.5mmW	H540-2 CF,CS,OVAL,MEXT,UB,NND,R=F	Galaxy E3	PB,S,MBM
NGC 5838 12"	Vir 7.5mmW	H542-2 PF,PS,EON,FNUC,MUSB,R=F	Galaxy SA0-	PB,PS
NGC 5839 12"	Vir 7.5mmW	H541-2 CF,VS,R,FNUC,R=F	Galaxy SAB(rs)0^:	PF,PS
NGC 5846 12"	Vir 7.5mmW	H128-1 PF,PS,R,FNUC,R=G	Galaxy E0-1	VB,PL,R,PSBMN,F*INVS
NGC 5850 12"	Vir 7.5mmW	H543-2 DIFF,CF,PS,R,UB,NND,R=F	Galaxy SB(r)b	CF,S,LE,PSBM
NGC 5854 12"	Vir 7.5mmW	H544-2 PF,PS,EON,FNUC,R=F	Galaxy SB(s)0+ sp	PB,S,VLE,LBM,AM ST
NGC 5861 12"	Lib 7.5mmW	H192-2 DIFF,CF,PS,OVAL,UB,NND,AV,R=F	Galaxy SAB(rs)c	F,L,E,R
NGC 5864 12"	Vir 7.5mmW	H585-2 PF,PS,EON,UB,NND,R=F	Galaxy SB(s)0^? sp	PF,CS,ILE,GBM,*14F

## Observations Listing by Date

**May 19, 2010****Hidden Hollow - RAS**

**NGC 6325** **Oph** **Globular** **PF,L,R,RR**  
 12" 9mm VF,VS,AV,R=F, FAINT SMUDGE, NO STARTS TO RESOLVE.

**May 14, 2010****Hidden Hollow - RAS**

**IC 2914** **Leo** **Galaxy S**  
 31" 17mmT4 CF,CS,OVAL,MEXT,NND,R=F

**NGC 3710** **Leo** **H350-2** **Galaxy E** **F,S,\*7,8NF 5'**  
 31" 17mmT4 PB,PS,R,BNUC,HSB,R=G

**NGC 3713** **Leo** **H367-2** **Galaxy S0-** **F,CS,R,SBMN**  
 31" 17mmT4 PB,PS,OVAL,MEXT,BNUC,HSB,R=G

**NGC 3716** **Leo** **Galaxy (R)SAB0^?** **VF,VS**  
 31" 17mmT4 PF,PS,OVAL,MEXT,UB,FNUC,R=F

**NGC 3790** **Leo** **H109-3** **Galaxy S0/a** **CF,VS,PME,SBM,1STOF3**  
 31" 17mmT4 PB,CS,OVAL,UB,FNUC,R=G

**NGC 3801** **Leo** **H161-2** **Galaxy S0?** **PF,PL,R,BM,R,2ND OF3**  
 31" 17mmT4 PB,PL,OVAL,MEXT,BNUC,HSB,R=G

**NGC 3802** **Leo** **H30-3** **Galaxy S** **VF,PS,2VB\*P,3RD OF3**  
 31" 17mmT4 PB,PS,EON,UB,DNUC,R=G

**NGC 3803** **Leo** **Galaxy** **VF,S,R**  
 31" 17mmT4 EF,VS,R,NND,AV,R=P

**NGC 3807** **Leo** **Galaxy** **VF, S, R (VF\*?)**  
 31" 17mmT4 DIFF,CF,CS,R,UB,NND,R=F

**NGC 4002** **Leo** **H344-3** **Galaxy S0?** **VF,VS,R,N OF 2**  
 31" 17mmT4 PB,CS,OVAL,MEXT,BNUC,HSB,R=G

**NGC 4007** **Leo** **H325-3** **Non-Existent**  
 31" 17mmT4 PF,PS,OVAL,MEXT,BNUC,HSB,R=G

**NGC 4565** **Com** **H24-5** **Galaxy SA(s)b? sp** **B,EL,EE135,VSBMN=\*10**  
 31" 17mmT4 VB,VL,EON,BNUC,HSB,DARK DUST LANE BISECST. FILLS EYEPIECE,R=E!!

**PGC 35514** **Leo** **Galaxy**  
 31" 17mmT4 VF,CS,OVAL,NND,R=F

**PGC 35588** **Leo** **Galaxy S0?**  
 31" 17mmT4 PB,CS,R,BNUC,HSB,R=G

**PGC 35589** **Leo** **Galaxy S**  
 31" 17mmT4 PF,PS,OVAL,NND,R=F

**PGC 36189** **Leo** **Galaxy S**  
 31" 17mmT4 VF,VS,EON,UB,,NND,AV,R=F

## Observations Listing by Date

**April 14, 2010****Hidden Hollow - RAS**

<b>NGC 2359</b> 16"	<b>CMa</b> 26mm	<b>H21-5</b> PB,PL,OVAL,UB,NND,R=G	<b>Nebula E</b>	<b>VF,VVL,VIF</b>
<b>NGC 3877</b> 16"	<b>UMa</b> 11mmT6	<b>H201-1</b> PB,PL,EON,FNUC,R=G	<b>Galaxy SA(s)c:</b>	<b>B,L,ME37</b>
<b>NGC 4618</b> 16"	<b>CVn</b> 11mmT6	<b>H178-1</b> PF,PS,R,NND,R=F	<b>Galaxy SB(rs)m</b>	<b>B,L,E,MBM,CVDBRANCHN</b>
<b>NGC 4625</b> 16"	<b>CVn</b> 11mmT6	<b>H660-2</b> PF,PS,R,UB,NND,R=F	<b>Galaxy SAB(rs)m pec</b>	<b>PF,S,R</b>
<b>NGC 4666</b> 16"	<b>Vir</b> 11mmT6	<b>H15-1</b> PF,PS,EON,FNUC,USB,R=G	<b>Galaxy SABc:</b>	<b>B,VL,ME45,PSBM</b>
<b>NGC 4684</b> 16"	<b>Vir</b> 11mmT6	<b>H181-2</b> PF,PS,OVAL,VEXT,UB,NND,R=F	<b>Galaxy SB(r)0+</b>	<b>B,PL,PME25</b>

## Observations Listing by Date

**April 9, 2010****Hidden Hollow - RAS**

<b>NGC 2862</b> 12"	<b>Leo</b> 11mmT6	<b>Galaxy S?</b> CF,PS,EON,UB,NND,R=F	<b>F,S,E,BM</b>
<b>NGC 2882</b> 12"	<b>Leo</b> 11mmT6	<b>Galaxy S?</b> CF,PS,OVAL,UB,NND,R=F	<b>F,PL,E</b>
<b>NGC 2894</b> 12"	<b>Leo</b> 11mmT6	<b>H8-3 Galaxy Sa</b> PF,CS,OVAL,UB,NND,R=F	<b>VF,E,ER,2OR3* INV</b>
<b>NGC 2918</b> 12"	<b>Leo</b> 11mmT6	<b>H298-3 Galaxy E</b> PF,PS,OVAL,UB,NND,R=F	<b>VF,CS,R,SBMN</b>
<b>NGC 2919</b> 12"	<b>Leo</b> 11mmT6	<b>Galaxy SAB(r)b:</b> VF,VS,OVAL,NND,AV,R=P	<b>F,PS</b>
<b>NGC 2943</b> 12"	<b>Leo</b> 11mmT6	<b>Galaxy E</b> CF,PS,OVAL,UB,NND,R=F	<b>F,S,IR,BM,F OF2</b>
<b>NGC 3206</b> 12"	<b>UMa</b> 11mmT6	<b>H266-1 Galaxy SB(s)cd</b> VF,CS,OVAL,PEXT,UB,NND,AV,R=F	<b>PB,CL,E,VGLBM</b>
<b>NGC 3319</b> 12"	<b>UMa</b> 11mmT6	<b>H700-3 Galaxy SB(rs)cd</b> DIFF,CF,PS,OVAL,MEXT,NND,AV,R=F	<b>CF,L,IE,MB,S OF M</b>
<b>NGC 3359</b> 12"	<b>UMa</b> 11mmT6	<b>H52-5 Galaxy SB(rs)c</b> PF,PS,OVAL,PEXT,FNUC,R=G	<b>PB,L,E0,GLBM</b>
<b>NGC 3448</b> 12"	<b>UMa</b> 11mmT6	<b>H233-1 Galaxy I0</b> PF,PS,EON,UB,NND,R=F	<b>B,PL,ME67,GBM</b>
<b>NGC 3458</b> 12"	<b>UMa</b> 11mmT6	<b>H268-1 Galaxy SAB0:</b> PB,CS,R,BNUC,R=G	<b>VB,VS,R,STELLAR</b>
<b>NGC 3471</b> 12"	<b>UMa</b> 11mmT6	<b>H972-3 Galaxy Sa</b> PF,CS,OVAL,UB,NND,R=F	<b>VF,S,R,BM</b>
<b>NGC 4207</b> 12"	<b>Vir</b> 11mmT6	<b>Galaxy S?</b> PF,PS,OVAL,UB,NND,R=F	<b>PF,PS,LE,*14NP</b>
<b>NGC 4378</b> 12"	<b>Vir</b> 11mmT6	<b>H123-1 Galaxy (R)SA(s)a</b> PF,PS,R,FNUC,R=F	<b>B,S,*8,9SF3'</b>
<b>NGC 4380</b> 12"	<b>Vir</b> 11mmT6	<b>Galaxy SA(rs)b:?</b> PF,PS,OVAL,UB,NND,R=F	<b>VF,PL,R,LBM</b>
<b>NGC 4387</b> 12"	<b>Vir</b> 11mmT6	<b>H167-2 Galaxy E</b> PF,CS,OVAL,UB,NND,R=F	<b>PF,VS,R,*13NP90,NP-2</b>
<b>NGC 4402</b> 12"	<b>Vir</b> 11mmT6	<b>Galaxy Sb sp</b> PF,PS,EON,UB,NND,R=F	<b>F,L,ME90</b>
<b>NGC 4413</b> 12"	<b>Vir</b> 11mmT6	<b>H169-2 Non-Existent</b> CF,PS,OVAL,MEXT,UB,NND,R=F	<b>CF,S,GBM,2ST N,NP</b>
<b>NGC 4425</b> 12"	<b>Vir</b> 11mmT6	<b>H170-2 Galaxy SB0+: sp</b> PF,PS,OVAL,PEXT,FNUC,R=G	<b>PF,S,R,BM</b>

## Observations Listing by Date

**April 9, 2010****Hidden Hollow - RAS**

**NGC 4458** **Vir** **H121-2** **Galaxy E0-1** **PB,S,R,BM,P OF 2**  
12" 11mmT6 PB,PS,R,NND,R=G

**NGC 4461** **Vir** **H122-2** **Galaxy SB(s)0+:** **PF,S,R,BM,F OF 2**  
12" 11mmT6 PB,PS,OVAL,PEXT,BNUC,HSB,R=G

**April 6, 2010****Hidden Hollow - RAS**

**NGC 4203** **Com** **H175-1** **Galaxy SAB0-:** **VB,S,R,PSMBM**  
12" 11mmT6 PB,PS, R,FNUC,R=G

**NGC 4389** **CVn** **H749-2** **Galaxy SB(rs)bc pec:** **PB,PL,IE,VGLBM**  
12" 11mmT6 VF,CS,OVAL,NND,AV,R=F

**NGC 4395** **CVn** **H29.1-5** **Galaxy SA(s)m:** **EF,VL,NP OF DNEB**  
12" 11mmT6 DIFF,PF,PL,OVAL,UB,NND,R=F

**NGC 4618** **CVn** **H178-1** **Galaxy SB(rs)m** **B,L,E,MBM,CVDBRANCHN**  
12" 11mmT6 DIFF,PF,PS,R,NND,R=F

**NGC 4625** **CVn** **H660-2** **Galaxy SAB(rs)m pec** **PF,S,R**  
12" 11mmT6 PF,CS,OVAL,NND,AV,R=P

**NGC 4861** **CVn** **H30-4** **Galaxy SB(s)m:** **VF,PL,VME30,BET2ST**  
12" 11mmT6 PF,PS,EON,NND,AV,R=F

**NGC 5005** **CVn** **H96-1** **Galaxy SAB(rs)bc** **VB,VL,VME66,VSMBN**  
12" 11mmT6 PB,PS,EON,BNUC,R=G

**NGC 5033** **CVn** **H97-1** **Galaxy SA(s)c** **VB,PL,E167,SMBMVBN**  
12" 11mmT6 PF,PS,EXT,OVAL,UB,NND,R=F

**NGC 5112** **CVn** **H646-2** **Galaxy SB(rs)cd** **F,L,IR,VGLBM**  
12" 11mmT6 DIFF,PF,PS,OVAL,NND,R=P

**NGC 5127** **CVn** **H328-2** **Galaxy E pec** **PB,PL,R,GMBM,\*\*P**  
12" 11mmT6 DIFF,PF,PS,OVAL,NND,R=P

**NGC 5145** **CVn** **H667-2** **Galaxy S?** **PB,VS,VLE,GLBM**  
12" 11mmT6 PF,CS,OVA,UB,NND,R=F

**NGC 5146** **Vir** **H115-3** **Galaxy E/S0** **VF,VS,STELLAR**  
12" 11mmT6 CF,CS,R,UB,NND,R=F

**NGC 5173** **CVn** **H672-3** **Galaxy E0:** **F,VS,R,STELLAR**  
12" 11mmT6 VF,VS,OVAL,NND,AV,R=P

**NGC 5198** **CVn** **H689-2** **Galaxy E1-2:** **PF,PS,R,MBM**  
12" 11mmT6 PF,CS,R,UB,NND,R=F

**PAL 4** **UMa** **Globular**  
12" 11mmT6 VF,VS,AV,R=F,FAINT SMUDGE, 12TH MAG START TO WEST.

## Observations Listing by Date

March 17, 2010

Hidden Hollow - RAS

NGC	2507	Cnc	H554-2	Galaxy S0/a pec	PB,PL,IR,VGBM,ER,*S
	12"	11mmT6	VF,VS,OVAL,UB,NND,AV,R=F		
NGC	2513	Cnc	H512-3	Galaxy E	F,S,R,PSMBM,R
	12"	11mmT6	CF,CS,OVAL,UB,NND,R=F		
NGC	2554	Cnc	H303-2	Galaxy S0/a	F,S,R,MBM,R
	12"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
NGC	2565	Cnc		Galaxy (R')SBbc:	F,BIN
	12"	11mmT6	PF,CS,OVAL,NND,R=F		
NGC	2577	Cnc	H259-2	Galaxy S0-:	F,S,IF,R
	12"	28mm	PF,CS,OVAL,UB,NND,R=F		
NGC	2592	Cnc	H315-2	Galaxy E	PF,S,R,VSBM*
	12"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
NGC	2599	Cnc	H234-3	Galaxy SAa	VF,S,STELLAR
	12"	11mmT6	PF,PS,OVAL,R,UB,NND,R=F		
NGC	2604	Cnc	H292-3	Galaxy SB(rs)cd	VF,PL,R,LBM,R,D*NR
	12"	11mmT6	DIFF,,VF,CS,OVAL,NND,R=F		
NGC	2619	Cnc	H319-2	Galaxy Sbc	F,PS,R,BM,R
	12"	11mmT6	CF,PS,OVAL,UB,NND,R=F		
NGC	2657	Cnc		Galaxy SA(rs)d:	VF,VS,IR,F*ATT F
	12"	11mmT6	VF,VS,OVAL,UB,NND,AV,R=P		
NGC	2661	Cnc	H50-3	Galaxy Scd:	EF,CL,R,LBM
	12"	11mmT6	VF,VS,R,NND,AV,R=P		
NGC	2673	Cnc		Galaxy E0 pec	VF,VS,CLOSE F2672
	12"	11mmT6	PF,PS,R,UB,NND,R=F		
NGC	2730	Cnc		Galaxy SBdm:	VF,L,R
	12"	11mmT6	VF,CS,R,UB,NND,AV,R=F		
NGC	2738	Cnc		Galaxy S?	PB,S,IF,D W/2737
	12"	11mmT6	VF,CS,OVAL,EXT,NND,AV,R=P		
NGC	2744	Cnc	H60-3	Galaxy SB(s)ab: pec	VF,S,R,R,D* NR
	12"	11mmT6	VF,VS,R,NND,AV,R=F		
NGC	2777	Cnc		Galaxy Sab?	F,S
	12"	11mmT6	VF,VS,,R,NND,AV,R=P		
NGC	2783	Cnc	H295-3	Galaxy E	VF,VS,R,2PB* SP
	12"	11mmT6	PF,CS,OVAL,UB,FNUC,R=F		
NGC	2789	Cnc		Galaxy S0/a	PF,S,R,GBM
	12"	11mmT6	PF,PS,OVAL,UB,FNUC,R=F		
NGC	2794	Cnc		Galaxy SB?	EF,VS,SP OF 2
	12"	11mmT6	CF,CS,OVAL,UB,NND,R=F		



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<b>NGC</b>	<b>2795</b>	<b>Cnc</b>	<b>Galaxy E</b>	<b>EF,VS,NF OF 2</b>
	12"	11mmT6	CF,CS,OVAL,NND,R=F	
<b>NGC</b>	<b>2804</b>	<b>Cnc</b>	<b>Galaxy S0</b>	<b>VF,S,R</b>
	12"	11mmT6	VF,CS,OVAL,NND,AV,R=P	
<b>NGC</b>	<b>2809</b>	<b>Cnc</b>	<b>Galaxy S0</b>	<b>VF,S,R</b>
	12"	11mmT6	CF,CS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3664</b>	<b>Leo</b>	<b>Galaxy SB(s)m pec</b>	<b>PF,BIN</b>
	12"	11mmT6	VF,VS,OVAL,NND,AV,R=F	

**March 16, 2010****Hidden Hollow - RAS**

<b>NGC</b>	<b>2415</b>	<b>Lyn</b>	<b>H821-2 Galaxy Im?</b>	<b>PB,CS,R,VGVLBM,R,</b>
	12"	11mmT6	CF,CS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>2525</b>	<b>Pup</b>	<b>H877-3 Galaxy SB(s)c</b>	<b>CF,PL,R,VGVLBM,AM ST</b>
	12"	11mmT6	CF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>2639</b>	<b>UMa</b>	<b>H204-1 Galaxy (R)SA(r)a:?</b>	<b>CB,S,E130,PSMBM</b>
	12"	11mmT6	PB,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>2781</b>	<b>Hya</b>	<b>H66-1 Galaxy SAB(r)0+</b>	<b>B,S,VLE,PSMBM</b>
	12"	11mmT6	PB,PS,EON,BNUC,R=G	
<b>NGC</b>	<b>2784</b>	<b>Hya</b>	<b>H59-1 Galaxy SA(s)0^:</b>	<b>B,L,ME64,GMBM</b>
	12"	11mmT6	PB,PS,OVAL,UB,FNUC,R=F	
<b>NGC</b>	<b>2855</b>	<b>Hya</b>	<b>H132-1 Galaxy (R)SA(rs)0/a</b>	<b>PB,PL,R,GMBMN</b>
	12"	11mmT6	PB,PS,OVAL,UB,FNUC,R=F	
<b>NGC</b>	<b>2889</b>	<b>Hya</b>	<b>H555-2 Galaxy SAB(rs)c</b>	<b>PF,PS,VLE,VGLBM,R</b>
	12"	11mmT6	PF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>2906</b>	<b>Leo</b>	<b>H495-2 Galaxy Scd:</b>	<b>F,PS,LE,GBM</b>
	12"	11mmT6	CF,CS,OVAL,MEXT,UB,NND,R=G	
<b>NGC</b>	<b>2911</b>	<b>Leo</b>	<b>H40-2 Galaxy SA(s)0: pec</b>	<b>F,PL,R,GBM,P OF 2</b>
	12"	11mmT6	CF,CS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>2939</b>	<b>Leo</b>	<b>H4-3 Galaxy Sbc</b>	<b>VF,S,VLE,BM,TRI STNF</b>
	12"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3053</b>	<b>Leo</b>	<b>H600-3 Galaxy SBa?</b>	<b>VF,S,VLE,GBM</b>
	12"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3598</b>	<b>Leo</b>	<b>Galaxy S0-:</b>	<b>F,VS,STELL,*N</b>
	12"	11mmT6	CF,PS,OVAL,UB,NND,R=F	

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<b>IC</b>	<b>3011</b>	<b>Vir</b>	<b>Non-Existent</b>		
	12"	11mmT6	PF,PS,EON,UB,NND,R=F		
<b>IC</b>	<b>4715</b>	<b>Sgr</b>	<b>Non-Existent</b>		
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>IC</b>	<b>4725</b>	<b>Sgr</b>	<b>M25</b>	<b>Open Cluster 8.0</b>	<b>I 3 m</b>
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>M</b>	<b>45</b>	<b>Tau</b>	<b>M45</b>	<b>Open Cluster</b>	
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>205</b>	<b>And</b>	<b>M110 H18-5</b>	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
	12"	32mmUW	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32</b>	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
	12"	32mmUW	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	12"	32mmUW	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>581</b>	<b>Cas</b>	<b>M103</b>	<b>Open Cluster 9.0</b>	<b>II 2 m</b>
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>598</b>	<b>Tri</b>	<b>M33 H17-5</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
	12"	32mmUW	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>628</b>	<b>Psc</b>	<b>M74</b>	<b>Galaxy SA(s)c</b>	<b>GCL,F,VL,R,VG,PSMBM</b>
	12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>650</b>	<b>Per</b>	<b>M76 H193-1</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
	12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>1039</b>	<b>Per</b>	<b>M34</b>	<b>Open Cluster 9.0</b>	<b>II 3 r</b>
	12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>1068</b>	<b>Cet</b>	<b>M77</b>	<b>Galaxy (R)SA(rs)b</b>	<b>VB,PL,IR,SBMRRN</b>
	12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>1904</b>	<b>Lep</b>	<b>M79</b>	<b>Globular</b>	<b>GCL,PL,ERI,EC,RRR</b>
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0</b>	<b>II 2 r</b>
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>1952</b>	<b>Tau</b>	<b>M1</b>	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0</b>	<b>I 3 r</b>
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		

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NGC 2068 12"	Ori 26mm	M78 M.M. 2010 MANUAL SETTING CIRCLES	Nebula R	B,L,WISP,GMBN,3*INV
NGC 2099 12"	Aur 26mm	M37 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 11.0 I 2 r	CL,RI,PCM,ST L\$\$
NGC 2168 12"	Gem 26mm	M35 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 8.0 III 3 r	CL,VL,CRI,PC,ST9..16
NGC 2287 12"	CMa 26mm	M41 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 8.0 I 3 r	CL,VL,B,LC,ST 8...
NGC 2323 12"	Mon 26mm	M50 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 9.0 II 3 r	CL,VL,RI,PC,E,
NGC 2422 12"	Pup 26mm	M47 H38-8 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 5.0 I 3 m	CL,B,VL,PRI,ST L\$\$
NGC 2437 12"	Pup 26mm	M46 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 10.0 II 2 r	CL,VB,VRI,VL,INV PLN
NGC 2447 12"	Pup 26mm	M93 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 9.0 I 3 r	CL,L,PRI,LC,ST8...13
NGC 2548 12"	Hya 26mm	M48 H22-6 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 8.0 I 3 r	CL,VL,PRI,PMC,*9..13
NGC 2632 12"	Cnc 26mm	M44 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 6.0 II 3 m	PRAESEPE CANCRI
NGC 2682 12"	Cnc 26mm	M67 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 9.0 II 3 r	CL,VB,VL,ERI,LC,*10.
NGC 2872 12"	Leo 7.5mmW	H57-2 CF,CS,R,NND,R=F	Galaxy E2	PF,PS,R,BM
NGC 2874 12"	Leo 7.5mmW	Non-Existent CF,CS,MEXT,NND,F=F		VF,PL,ME
NGC 3031 12"	UMa 26mm	M81 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
NGC 3034 12"	UMa 26mm	M82 H79-4 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy I0 sp	VB,VL,VME(RAY)
NGC 3351 12"	Leo 11mmT6	M95 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy SB(r)b	B,L,R,PGMBMN
NGC 3368 12"	Leo 11mmT6	M96 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy SAB(rs)ab	VB,VL,LE,VSVMBM,R
NGC 3379 12"	Leo 11mmT6	M105 H17-1 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy E1	VB,CL,R,PSBM,R
NGC 3556 12"	UMa 26mm	M108 H46-5 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy SB(s)cd sp	CB,VL,VME79,PBM,R

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<b>NGC 3587</b> 12"	<b>UMa</b> 26mm	<b>M97</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
<b>NGC 3623</b> 12"	<b>Leo</b> 11mmT6	<b>M65</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SAB(rs)a</b>	<b>B,VL,ME165,GBMBN</b>
<b>NGC 3627</b> 12"	<b>Leo</b> 11mmT6	<b>M66</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SAB(s)b</b>	<b>B,VL,ME150,MBM,2*NP</b>
<b>NGC 3952</b> 12"	<b>Vir</b> 11mmT6	<b>H612-3</b> PF,PS,EON,UB,NND,R=F	<b>Galaxy IBm: sp</b>	<b>CF,CS,LE90,BM,R</b>
<b>NGC 3992</b> 12"	<b>UMa</b> 26mm	<b>M109 H61-4</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SB(rs)bc</b>	<b>CB,VL,PME,SBMBRN</b>
<b>NGC 4037</b> 12"	<b>Com</b> 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 4045</b> 12"	<b>Vir</b> 11mmT6	<b>H276-2</b> PF,PS,OVAL,MEXT,UB,NND,R=F	<b>Galaxy SBa</b>	<b>PF,L,R,SBM,*SF</b>
<b>NGC 4064</b> 12"	<b>Com</b> 11mmT6	<b>H370-2</b> PF,CS,OVAL,MEXT,RNUC,R=F	<b>Galaxy SB(s)a: pec</b>	<b>B,E,GBM</b>
<b>NGC 4067</b> 12"	<b>Vir</b> 11mmT6	<b>H37-3</b> VF,CS,OVAL,UB,NND,AV,R=F	<b>Galaxy SA(s)b:</b>	<b>F,PS,R,GBM</b>
<b>NGC 4079</b> 12"	<b>Vir</b> 11mmT6	<b>H370-2</b> VF,VS,OVAL,NND,AV,R=F	<b>Galaxy (R')SAB(rs)bc:</b>	<b>F,L,R,*10N1'</b>
<b>NGC 4104</b> 12"	<b>Com</b> 11mmT6	<b>H370-2</b> CF,CS,OVAL,MEXT,UB,NND,R=F	<b>Galaxy S0</b>	<b>PB,PS,LE,BM</b>
<b>NGC 4158</b> 12"	<b>Com</b> 11mmT6	<b>H405-2</b> 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> 12"	<b>Com</b> 11mmT6	<b>H353-2</b> CF,PS,OB,NND,R=F	<b>Galaxy (R)SA(rs)bc</b>	<b>B,L,IE,BM</b>
<b>NGC 4192</b> 12"	<b>Com</b> 11mmT6	<b>M98</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SAB(s)ab</b>	<b>B,VL,VME152,VSVMBM</b>
<b>NGC 4215</b> 12"	<b>Vir</b> 11mmT6	<b>H135-2</b> CF,CS,EON,UB,NND,R=F	<b>Galaxy SA(r)0+: sp</b>	<b>B,PS,E,SBM*11</b>
<b>NGC 4240</b> 12"	<b>Vir</b> 11mmT6	<b>H135-2</b> VF,CS,OVAL,UB,NND,R=F	<b>Galaxy E</b>	<b>PB,S,*12SP1/2'</b>
<b>NGC 4254</b> 12"	<b>Com</b> 11mmT6	<b>M99</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SA(s)c</b>	<b>B,L,R,GBM,R,3BRSPIRA</b>
<b>NGC 4258</b> 12"	<b>CVn</b> 11mmT6	<b>M106 H43-5</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy Sb</b>	<b>VB,VL,VME0,SBMBN</b>
<b>NGC 4303</b> 12"	<b>Vir</b> 11mmT6	<b>M61 H139-1</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VSBM*,BIN</b>

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<b>NGC 4321</b> 12"	<b>Com</b> 26mm	<b>M100</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SAB(s)bc</b>	<b>PF,VL,R,VG,PSBMRN</b>
<b>NGC 4374</b> 12"	<b>Vir</b> 26mm	<b>M84</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy E1</b>	<b>VB,PL,R,PSBM,R</b>
<b>NGC 4382</b> 12"	<b>Com</b> 26mm	<b>M85</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SA(s)0+ pec</b>	<b>VB,PL,R,BM,*NP</b>
<b>NGC 4406</b> 12"	<b>Vir</b> 26mm	<b>M86</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy E3</b>	<b>VB,L,R,GBMN,R</b>
<b>NGC 4472</b> 12"	<b>Vir</b> 11mmT6	<b>M49</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy E2</b>	<b>VB,L,R,MBM,R</b>
<b>NGC 4486</b> 12"	<b>Vir</b> 26mm	<b>M87</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy E+0-1 pec</b>	<b>VB,VL,R,MBM,3RD OF 3</b>
<b>NGC 4501</b> 12"	<b>Com</b> 11mmT6	<b>M88</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SA(rs)b</b>	<b>B,VL,VME</b>
<b>NGC 4548</b> 12"	<b>Com</b> 26mm	<b>M91 H120-2</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>
<b>NGC 4552</b> 12"	<b>Vir</b> 11mmT6	<b>M89</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy E0-1</b>	<b>PB,PS,R,GMBM</b>
<b>NGC 4569</b> 12"	<b>Vir</b> 11mmT6	<b>M90</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SAB(rs)ab</b>	<b>PL,BMN</b>
<b>NGC 4579</b> 12"	<b>Vir</b> 11mmT6	<b>M58</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SAB(rs)b</b>	<b>B,L,IR,VMBM,R</b>
<b>NGC 4590</b> 12"	<b>Hya</b> 11mmT6	<b>M68</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,L,ERI,VC,IR,ST12</b>
<b>NGC 4594</b> 12"	<b>Vir</b> 11mmT6	<b>M104 H43-1</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>
<b>NGC 4621</b> 12"	<b>Vir</b> 11mmT6	<b>M59</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy E5</b>	<b>B,PL,LE,VSVMBM,2*P</b>
<b>NGC 4649</b> 12"	<b>Vir</b> 11mmT6	<b>M60</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
<b>NGC 4736</b> 12"	<b>CVn</b> 26mm	<b>M94</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy (R)SA(r)ab</b>	<b>VB,L,IR,VSVMBMBN,R</b>
<b>NGC 4826</b> 12"	<b>Com</b> 11mmT6	<b>M64</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
<b>NGC 5024</b> 12"	<b>Com</b> 11mmT6	<b>M53</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Globular</b>	<b>GCL,B,VC,IR,VVMBM,</b>
<b>NGC 5055</b> 12"	<b>CVn</b> 26mm	<b>M63</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Galaxy SA(rs)bc</b>	<b>VB,L,PME120,VSMBMBN</b>

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NGC 5194 12"	CVn 26mm	M51 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
NGC 5236 12"	Hya 11mmT6	M83 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy SAB(s)c	VB,VL,E55,ESBMN,SPIR
NGC 5272 12"	CVn 26mm	M3 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,EB,VL,VSMBM,*11.
NGC 5457 12"	UMa 26mm	M101 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy SAB(rs)cd	PB,VL,IR,G,VSMBMSN 4
NGC 5866 12"	Dra 26mm	M102 H215-1 M.M. 2010 MANUAL SETTING CIRCLES	Galaxy SA0+ sp	VB,CL,PME146,GBM
NGC 5904 12"	Ser 26mm	M5 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,VB,L,ECM,*11..15
NGC 6093 12"	Sco 11mmT6	M80 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,VB,L,VMBM(VAR*)
NGC 6121 12"	Sco 11mmT6	M4 M.M. 2010 MANUAL SETTING CIRCLES	Globular	CL,8OR10B*LINE,RRR
NGC 6171 12"	Oph 11mmT6	M107 H40-6 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,L,VRI,VMC,R,RRR
NGC 6205 12"	Her 26mm	M13 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,EB,VRI,VGECM,*11
NGC 6218 12"	Oph 11mmT6	M12 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,VB,VL,IR,GMBM
NGC 6254 12"	Oph 11mmT6	M10 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,B,VL,R,GVMBM,RRR
NGC 6266 12"	Oph 26mm	M62 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,VB,L,GMBM,RRR,
NGC 6273 12"	Oph 11mmT6	M19 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,VB,L,R,VCM,RRR
NGC 6333 12"	Oph 26mm	M9 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,B,L,R,ECM,RRR,
NGC 6341 12"	Her 26mm	M92 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,VB,VL,ECM,ST S
NGC 6402 12"	Oph 11mmT6	M14 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,B,VL,R,ERI,VGMBM
NGC 6405 12"	Sco 26mm	M6 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 5.5 II 3 r	CL,L,IR,LC,ST7,10...
NGC 6475 12"	Sco 26mm	M7 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 7.0 I 3 r	CL,VB,PRI,LC,*7...12

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NGC 6494 12"	Sgr 26mm	M23 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 10.0 II 2 r	CL,B,VL,PRI,LC,*10..
NGC 6514 12"	Sgr 26mm	M20 H41-4 M.M. 2010 MANUAL SETTING CIRCLES	Nebula EN+OC	VB,VL,TRIFID,D*INV
NGC 6523 12"	Sgr 26mm	M8 M.M. 2010 MANUAL SETTING CIRCLES	Nebula E	VB,EL,EIF,W/LCL
NGC 6531 12"	Sgr 26mm	M21 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 8.0 I 3 r	CL,PRI,LC,ST9...12
NGC 6611 12"	Sgr 26mm	M16 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 11.0 II 3 m n	CL,ATLEAST100* L\$\$
NGC 6613 12"	Sgr 26mm	M18 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 8.7 II 3 p n	CL,P,VLC
NGC 6618 12"	Sgr 26mm	M17 M.M. 2010 MANUAL SETTING CIRCLES	Nebula EN+OC	B,EL,EIF,2HOOKED
NGC 6626 12"	Sgr 26mm	M28 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,VB,L,R,GECM,RRR
NGC 6637 12"	Sgr 26mm	M69 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,B,L,R,RRR,*14.16
NGC 6681 12"	Sgr 26mm	M70 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,B,PL,R,GBM,
NGC 6694 12"	Sct 26mm	M26 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 11.0 II 3 m	CL,CL,PRI,PC,ST12.15
NGC 6705 12"	Sct 26mm	M11 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 11.0 I 2 r	CL,VB,L,IR,RI,*9,
NGC 6720 12"	Lyr 26mm	M57 M.M. 2010 MANUAL SETTING CIRCLES	Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA
NGC 6779 12"	Lyr 26mm	M56 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,B,L,IR,GVMCM,RRR
NGC 6838 12"	Sge 26mm	M71 M.M. 2010 MANUAL SETTING CIRCLES	Globular	CL,VL,VRI,PMC,*11.16
NGC 6853 12"	Vul 26mm	M27 M.M. 2010 MANUAL SETTING CIRCLES	Planetary Neb 3+2	VB,VL,BIN,IE,DUMBEL
NGC 6864 12"	Sgr 11mmT6	M75 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,B,PL,R,VMBMBN,RR
NGC 6913 12"	Cyg 26mm	M29 M.M. 2010 MANUAL SETTING CIRCLES	Open Cluster 9.0 II 3 m n	CL,P,LC,STL\$\$
NGC 7078 12"	Peg 26mm	M15 M.M. 2010 MANUAL SETTING CIRCLES	Globular	GCL,VB,VL,IR,VSMBM

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<b>NGC 7092</b> 12"	<b>Cyg</b> 26mm	<b>M39</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Open Cluster 7.0 III 2 m</b>	<b>CL,VL,VP,VLC,*7...10</b>
<b>NGC 7654</b> 12"	<b>Cas</b> 32mmUW	<b>M52</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>
<b>WINN 4</b> 12"	<b>UMa</b> 11mmT6	<b>M40</b> M.M. 2010 MANUAL SETTING CIRCLES	<b>Unknown STAR</b>	

**December 16, 2009 Hidden Hollow - RAS**

<b>NGC 153</b> 12"	<b>Cet</b> 7.5mmW		<b>Non-Existent</b> PF,PS,OVAL,UB,NND,R=F	<b>PF,PS,R,*NR NF</b>
<b>NGC 171</b> 12"	<b>Cet</b> 7.5mmW	<b>H223-3</b> VF,PS,R,NND,R=F	<b>Galaxy SB(r)ab</b>	<b>VF,PL,LE,2PB*SF</b>
<b>NGC 205</b> 12"	<b>And</b> 20mmUW	<b>M110 H18-5</b>	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
<b>NGC 210</b> 12"	<b>Cet</b> 7.5mmW	<b>H452-2</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy SAB(s)b</b>	<b>B,PS,R,PSBM,R,*11P2'</b>
<b>NGC 221</b> 12"	<b>And</b> 20mmUW	<b>M32</b>	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
<b>NGC 224</b> 12"	<b>And</b> 20mmUW	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
<b>NGC 991</b> 12"	<b>Cet</b> 7.5mmW	<b>H434-3</b> VF,PS,R,UB,NND,AV,R=F	<b>Galaxy SAB(rs)c</b>	<b>VF,CL,IF,VLBM</b>
<b>NGC 1055</b> 12"	<b>Cet</b> 11mmT6	<b>H1-1</b> PB,L,EON,UB,HSB,R=G	<b>Galaxy SBb: sp</b>	<b>PF,CL,IE80,BM,*11N1'</b>
<b>NGC 1912</b> 12"	<b>Aur</b> 20mmUW	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
<b>NGC 1952</b> 12"	<b>Tau</b> 20mmUW	<b>M1</b>	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
<b>NGC 1960</b> 12"	<b>Aur</b> 20mmUW	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
<b>NGC 1976</b> 12"	<b>Ori</b> 20mmUW	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
<b>NGC 1982</b> 12"	<b>Ori</b> 20mmUW	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
<b>NGC 2068</b> 12"	<b>Ori</b> 20mmUW	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
<b>NGC 2099</b> 12"	<b>Aur</b> 20mmUW	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
<b>NGC 2168</b> 12"	<b>Gem</b> 20mmUW	<b>M35</b>	<b>Open Cluster 8.0 III 3 r</b>	<b>CL,VL,CRI,PC,ST9..16</b>



## Observations Listing by Date

**November 11, 2009 Hidden Hollow - RAS**

<b>IC</b>	<b>10</b>	<b>Cas</b>	<b>Galaxy IBm</b>	
	12"	7.5mmW	VF,PS,R,NND,AV,R=F	
<b>IC</b>	<b>2149</b>	<b>Aur</b>	<b>Planetary Neb 3b+2</b>	
	12"	7.5mmW	PB,PS,R=G, NO CENTRAL STAR NOTED	
<b>NGC</b>	<b>40</b>	<b>Cep</b>	<b>H58-4 Planetary Neb 3b+3</b>	<b>F,VS,R,VSMBM,*12SP</b>
	12"	7.5mmW	B,PS,R=G, CENTRAL STAR VISIBLE	
<b>NGC</b>	<b>1207</b>	<b>Per</b>	<b>H578-3 Galaxy SA(rs)b</b>	<b>CF,VS,R,PSB INNPPEND</b>
	12"	7.5mmW	PF,PS,OVAL,MEXT,UB,NND,R=F	
<b>NGC</b>	<b>1233</b>	<b>Per</b>	<b>Galaxy Sb</b>	<b>F,VS,R,DIFF</b>
	12"	7.5mmW	VF,VS,OVAL,VEXT,UB,NND,R=F	
<b>NGC</b>	<b>1235</b>	<b>Per</b>	<b>Non-Existent</b>	<b>VF,S,LE</b>
	12"	7.5mmW	MEGASTAR 5 CALLS IT A TRIPLE STAR - NOTHING ELSE NOTED.	
<b>NGC</b>	<b>1270</b>	<b>Per</b>	<b>Galaxy E:</b>	<b>VF,S,R</b>
	12"	7.5mmW	VF,VS,R,UB,NND,AV,R=F	
<b>NGC</b>	<b>1272</b>	<b>Per</b>	<b>Galaxy E+</b>	<b>F,S,R</b>
	12"	7.5mmW	VF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>1273</b>	<b>Per</b>	<b>Galaxy SA(r)0^?</b>	<b>VF,VS</b>
	12"	7.5mmW	VF,VS,OVAL,MEXT,UB,NND,AV,R=F	
<b>NGC</b>	<b>1275</b>	<b>Per</b>	<b>H603-2 Galaxy Pec</b>	<b>F,S</b>
	12"	7.5mmW	PF,PS,R,FNUC,R=F	
<b>NGC</b>	<b>1348</b>	<b>Per</b>	<b>H84-8 Open Cluster 8.5 III 2 m</b>	<b>CL,LRI,ST L</b>
	12"	7.5mmW	PF,VS,R=F JUST A FEW STARS	
<b>NGC</b>	<b>1535</b>	<b>Eri</b>	<b>H26-4 Planetary Neb 4+2c</b>	<b>PLN,VB,S,R,PS,VSMBM,R</b>
	12"	7.5mmW	B,PS,R=G, NO CENTRAL STAR NOTED.	

## Observations Listing by Date

**October 25, 2009 Hidden Hollow - RAS**

<b>IC</b>	<b>10</b>	<b>Cas</b>	<b>Galaxy IBm</b>	
	12"	11mmT6	F,PS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>1050</b>	<b>Per</b>	<b>Galaxy (R')SB(s)a</b>	<b>F,S,*18INV N</b>
	12"	7.5mmW	VF,VS,OVAL,UB,NND,AV,R=F	
<b>NGC</b>	<b>1053</b>	<b>Per</b>	<b>Galaxy S0</b>	<b>VF,VS,LE,3OR4*LINENR</b>
	12"	7.5mmW	VF,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>1086</b>	<b>Per</b>	<b>Galaxy Scd:</b>	<b>VF,PS,D* NR</b>
	12"	7.5mmW	VF,S,OVAL,NND,R=F	
<b>NGC</b>	<b>1106</b>	<b>Per</b>	<b>Galaxy SA0+</b>	<b>VF,VS,VF*ATT S</b>
	12"	7.5mmW	F,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>1122</b>	<b>Per</b>	<b>H601-2 Galaxy SBb</b>	<b>VF,PS,R,*NR N</b>
	12"	7.5mmW	F,S,OVAL,PATCHY,NND,R=F	
<b>NGC</b>	<b>1160</b>	<b>Per</b>	<b>H199-3 Galaxy Scd:</b>	<b>F,E</b>
	12"	7.5mmW	VF,VS,EL,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>1161</b>	<b>Per</b>	<b>H239-2 Galaxy S0</b>	<b>F,PS,LE,SBM</b>
	12"	7.5mmW	PF,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>1167</b>	<b>Per</b>	<b>H178-3 Galaxy SA0-</b>	<b>VF,PL,R,SPMBM</b>
	12"	7.5mmW	VF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>1169</b>	<b>Per</b>	<b>H620-2 Galaxy SAB(r)b</b>	<b>PF,PS,IF,SBM</b>
	12"	11mmT6	PF,PS,EL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>1171</b>	<b>Per</b>	<b>Galaxy Scd:</b>	<b>VF,PL,IF</b>
	12"	7.5mmW	F,PS,EON,UB,NND,R=F	
<b>NGC</b>	<b>1175</b>	<b>Per</b>	<b>H607-2 Galaxy SA(r)0+</b>	<b>F,CL,E</b>
	12"	7.5mmW	F,PS,EON,FNUC,R=F	
<b>NGC</b>	<b>1186</b>	<b>Per</b>	<b>H43-4 Galaxy SB</b>	<b>F*W/NEB APPENDAGES</b>
	12"	7.5mmW	VF,PS,EON,NND,AV,R=F	
<b>NGC</b>	<b>1198</b>	<b>Per</b>	<b>Galaxy S0-:</b>	<b>NEB*11</b>
	12"	7.5mmW	F,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6934</b>	<b>Del</b>	<b>H103-1 Globular</b>	<b>GCL,B,L,R,RRR,*16...</b>
	12"	11mmT6	PB,PS,R=G. RESOLVE OUTER STARTS ONLY	

## Observations Listing by Date

**October 18, 2009 Hidden Hollow - RAS**

<b>NGC 188</b> 12"	<b>Cep</b> 11mmT6	<b>Open Cluster 10.0 I 2 r</b> PF,S, R=F, TIGHT GROUP	<b>CL,VL,R,150-200*</b>
<b>NGC 469</b> 12"	<b>Psc</b> 11mmT6	<b>Galaxy S</b> VF,VS,OVAL,NND,AV,R=F	<b>EF,S,R</b>
<b>NGC 896</b> 12"	<b>Cas</b> 20mmUW	<b>H695-3 Nebula E</b> PF,PS, HINT OF NEBULOSITY	<b>EF,PL,IF</b>
<b>NGC 7056</b> 12"	<b>Peg</b> 11mmT6	<b>Galaxy SBb</b> VF,VS,R,UB,NND,AV,R=F	<b>PF,S,R</b>
<b>NGC 7139</b> 12"	<b>Cep</b> 11mmT6	<b>H696-3 Planetary Neb 3b</b> VF,PS,R=F. NO OTHER DETAIL = FAINT SMUDGE	<b>VF,CS,R,R</b>
<b>NGC 7226</b> 12"	<b>Cep</b> 11mmT6	<b>Open Cluster 10.8 I 2 m</b> PF,PS,,R=F. RESOLVE OUTER STARTS	<b>PB,L,IN CLUSTER</b>
<b>NGC 7261</b> 12"	<b>Cep</b> 11mmT6	<b>Open Cluster 9.6 II 3 m</b> PB,PS,R=G. RESOLVE AROUND 20+ STARS	<b>CL,L,PRI,LC</b>
<b>NGC 7311</b> 12"	<b>Peg</b> 11mmT6	<b>H428-2 Galaxy Sab</b> VF,VS,OVAL,NND,AV	<b>PF,S,R,PSBM,R</b>
<b>NGC 7610</b> 12"	<b>Peg</b> 11mmT6	<b>Galaxy Scd:</b> PF,PS,OVAL,UB,NND,R=F	<b>F,S,DIF</b>
<b>NGC 7612</b> 12"	<b>Peg</b> 11mmT6	<b>Galaxy S0</b> PF,PS,OVAL,FNUC,R=F	<b>PB,VS,R,BM</b>
<b>NGC 7803</b> 12"	<b>Peg</b> 11mmT6	<b>Galaxy S0/a</b> PF,PS,R,UB,NND,R=F	<b>PF,PS,R,F*NP VNR</b>

## Observations Listing by Date

**September 13, 2009 Hidden Hollow - RAS**

<b>NGC 224</b> 12"	<b>And M31</b> 32mmUW 4TH OBJECT	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
<b>NGC 6611</b> 12"	<b>Ser M16</b> 32mmUW 6TH OBJECT	<b>Open Cluster 11.0 II 3 m n</b>	<b>CL,ATLEAST100* L\$\$</b>
<b>NGC 6618</b> 12"	<b>Sgr M17</b> 32mmUW 7TH OBJECT	<b>Nebula EN+OC</b>	<b>B,EL,EIF,2HOOKED</b>
<b>NGC 6781</b> 12"	<b>Aql H743-3</b> 32mmUW 8TH OBJECT	<b>Planetary Neb 3+3</b>	<b>PLN,F,L,R,VSMB DISC</b>
<b>NGC 6804</b> 12"	<b>Aql H38-6</b> 32mmUW 9TH OBJECT	<b>Planetary Neb 4+2</b>	<b>CB,S,IR,RRR</b>
<b>NGC 6853</b> 12"	<b>Vul M27</b> 32mmUW 1ST OBJECT WITH 12" SKYWATCHER & MANUAL SETTING CIRCLES	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBBEL</b>
<b>NGC 6981</b> 12"	<b>Aqr M72</b> 32mmUW 2ND OBJECT.	<b>Globular</b>	<b>GCL,PB,PL,R,GMCM,RRR</b>
<b>NGC 7078</b> 12"	<b>Peg M15</b> 32mmUW 5TH OBJECT	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
<b>NGC 7331</b> 12"	<b>Peg H53-1</b> 32mmUW 3RD OBJECT	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>

## Observations Listing by Date

<b>August 25, 2009</b>		<b>Hidden Hollow - RAS</b>		
<b>NGC</b>	<b>7292</b>	<b>Peg</b>	<b>Galaxy IBm</b>	<b>EF,S,OVAL,F*INV</b>
	16"	11mmT6	VF,CS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>7303</b>	<b>Peg</b>	<b>Galaxy Sbc</b>	<b>VF,S,R,GVLBM</b>
	16"	11mmT6	CF,CS,R,NND,AV,R=F	
<b>NGC</b>	<b>7332</b>	<b>Peg</b>	<b>H233-2 Galaxy S0 pec sp</b>	<b>CB,S,ME156,SMBMN,P-2</b>
	16"	11mmT6	PB,PS,EON,BNUC,R=G	
<b>NGC</b>	<b>7339</b>	<b>Peg</b>	<b>H234-2 Galaxy SAB(s)bc:?</b>	<b>F,PS,ME89,VGLBM,FOF2</b>
	16"	11mmT6	DIFF,PF,PS,EON,NND,R=F	
<b>NGC</b>	<b>7436</b>	<b>Peg</b>	<b>H243-3 Galaxy E</b>	<b>F,PS,F*ATT P,GBM</b>
	16"	11mmT6	DIFF,CF,PS,R,NND,R=F	
<b>NGC</b>	<b>7449</b>	<b>And</b>	<b>Galaxy E:</b>	<b>VF,S,R,VS*INCENTRE</b>
	16"	11mmT6	VF,CS,EON,NND,AV,R=F	
<b>NGC</b>	<b>7550</b>	<b>Peg</b>	<b>H181-3 Galaxy SA0-</b>	<b>CF,S,R</b>
	16"	11mmT6	CF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>7660</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>F,VS,PSMBM,*10P</b>
	16"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>7678</b>	<b>Peg</b>	<b>H226-2 Galaxy SAB(rs)c</b>	<b>VF,PL,VLE,LBM,AM4ST</b>
	16"	11mmT6	CF,CS,OVAL,NND,R=F	
<b>NGC</b>	<b>7814</b>	<b>Peg</b>	<b>H240-2 Galaxy SA(s)ab: sp</b>	<b>CB,CL,E,VGBM</b>
	16"	11mmT6	PF,PS,EON,FNUC,R=F	
<b>NGC</b>	<b>7817</b>	<b>Peg</b>	<b>H227-2 Galaxy SAbc: sp</b>	<b>PF,CL,ME45,LBM</b>
	16"	11mmT6	DIFF,CF,PS,EON,NND,R=F	
<b>NGC</b>	<b>7819</b>	<b>Peg</b>	<b>Galaxy SB(s)b</b>	<b>EF,L</b>
	16"	11mmT6	VF,VS,R,NND,AV,R=F	

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<b>August 16, 2009</b>		<b>Hidden Hollow - RAS</b>		
<b>IC</b>	<b>1288</b>	<b>Lyr</b>	<b>Galaxy SBa</b>	
	31"	17mmT4	CF,CS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>1289</b>	<b>Lyr</b>	<b>Galaxy S</b>	
	31"	17mmT4	CF,S,R,UB,NND,R=F	
<b>IC</b>	<b>1296</b>	<b>Lyr</b>	<b>Galaxy SBbc</b>	
	31"	17mmT4	VF,S,EL,OVAL,NND,AV,R=F	
<b>IC</b>	<b>4772</b>	<b>Lyr</b>	<b>Galaxy C</b>	
	31"	17mmT4	VF,S,OVAL,UB,NND,R=F	
<b>MAC</b>	<b>1828+3344</b>	<b>Lyr</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,CS,R,UB,NND,R=F	
<b>MAC</b>	<b>1828+3413</b>	<b>Lyr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>1830+3403</b>	<b>Lyr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>6606</b>	<b>Lyr</b>	<b>Galaxy S</b>	<b>VF,S,R,GBM,VF*INV</b>
	31"	17mmT4	PF,PS,R,FNUC,HISB,R=G	
<b>NGC</b>	<b>6612</b>	<b>Lyr</b>	<b>Galaxy C</b>	<b>EEF,ES,R,VDIFFIC</b>
	31"	17mmT4	PF,CS,R,FNUC,R=F	
<b>NGC</b>	<b>6640</b>	<b>Lyr</b>	<b>Galaxy Scd:</b>	<b>VF,S,R,VLBM</b>
	16"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6646</b>	<b>Lyr</b>	<b>H907-2 Galaxy Sa</b>	<b>F,S,IF</b>
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>6657</b>	<b>Lyr</b>	<b>Galaxy SB</b>	<b>VF,VS,SBM</b>
	31"	17mmT4	PF,PS,OVAL,UB,FNUC,R=G	
<b>NGC</b>	<b>6662</b>	<b>Lyr</b>	<b>Galaxy SBab?</b>	<b>F*IN VF,VS,LE NEBY</b>
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6663</b>	<b>Lyr</b>	<b>Galaxy SAB(r)cd:</b>	<b>EEF,PS,R,VDIFFIC</b>
	31"	17mmT4	CF,PS,R,NND,R=F	
<b>NGC</b>	<b>6665</b>	<b>Lyr</b>	<b>Galaxy Sc</b>	<b>VF,VS</b>
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6671</b>	<b>Lyr</b>	<b>Galaxy S</b>	<b>VF,VS,R,MBM</b>
	31"	17mmT4	PF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>6675</b>	<b>Lyr</b>	<b>Galaxy Sbc</b>	<b>VF,E,45"</b>
	31"	17mmT4	DIFF,PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6685</b>	<b>Lyr</b>	<b>Galaxy S0-:</b>	<b>EEF,VS,R,VDIFFI,SP-2</b>
	31"	17mmT4	PF,PS,OVAL,FNUC,R=G	
<b>NGC</b>	<b>6686</b>	<b>Lyr</b>	<b>Galaxy C</b>	<b>EEF,ES,R,VDIFFI,NF-2</b>
	31"	17mmT4	CF,CS,R,UB,NND,R=F	

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**August 16, 2009 Hidden Hollow - RAS**

<b>NGC 6688</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy SA0+</b> PF,PS,R,BNUC,HISB,R=G	<b>F,PS,R,BM</b>
<b>NGC 6692</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy E/S0</b> PF,PS,R,UB,NND,R=F	<b>VF,VS,IRRE,SEVVF*INV</b>
<b>NGC 6695</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy SBb</b> PF,PS,OVAL,UB,NND,R=F	<b>VF,S,IRRE,NS,VLBM</b>
<b>NGC 6700</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy SB(rs)c</b> PF,PS,R,UB,NND,R=F	<b>EF,LE,DIF,IR</b>
<b>NGC 6713</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy Pec</b> CF,CS,OVAL,UB,NND,R=F	<b>VF,S,R,BM</b>
<b>NGC 6740</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy S</b> CF,CS,R,UB,NND,R=F	<b>EEF,S</b>
<b>NGC 6745</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy Sm</b> PF,PS,OVAL,UB,NND,R=F	<b>VF,LE NS</b>
<b>NGC 6791</b> 31"	<b>Lyr</b> 17mmT4	<b>Open Cluster 15.0 I 2 r</b> PB,PL,R=G,TIGHT GROUP	<b>VF</b>
<b>NGC 6792</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy SBb</b> PF,PS,EL,OVAL,UB,FNUC,R=G	<b>F,E26,GLBM,*9.5SF</b>
<b>PGC 61919</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy S</b> VF,VS,OVAL,UB,AV,R=F	
<b>PGC 61939</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy</b> VF,VS,R,NND,R=F	
<b>PGC 61966</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy SBa</b> PF,CS,OVAL,UB,NND,R=F	
<b>PGC 61991</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy S?</b> PB,PS,R,BNUC,HISB,R=G	
<b>PGC 62080</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy SB</b> PF,PS,OVAL,FNUC,R=F	
<b>PGC 62104</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy Sd:</b> PF,PS,EON,UB,NND,R=F	
<b>PGC 63101</b> 31"	<b>Lyr</b> 17mmT4	<b>Galaxy SA(s)c</b> CF,CS,R,UB,NND,R=F	

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IC	1301	Cyg	Galaxy Scd:	
	16"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
IC	1302	Cyg	Galaxy SAB(s)c?	
	16"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
IC	1303	Cyg	Galaxy SAc:	
	16"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
IC	4867	Cyg	Galaxy S0	
	16"	11mmT6	PF,PS,OVAL,NND,AV,R=F	
NGC	6654	Dra	Galaxy (R')SB(s)0/a	*12,13INPB,PL NEBY
	16"	11mmT6	PF,PS,EL,OVAL,NND,R=F	
NGC	6667	Dra	Galaxy SABab? pec	VF,PL,LE,VF D* NR
	16"	11mmT6	CF,PS,EON,NND,AV,R=F	
NGC	6690	Dra	Non-Existent	
	16"	11mmT6	PF,PS,EON,UB,NND,R=F	
NGC	6846	Cyg	Open Cluster 12.8 II 2	EF,VS,3*INV
	16"	11mmT6	PF,VS,R=F	
NGC	6869	Dra	Galaxy S0	PB,PS,R
	16"	11mmT6	PF,PS,R,UB,NND,R=F	
NGC	6874	Cyg	H86-8 Non-Existent	CL,P,LC
	16"	11mmT6	PB,PS,, LOOSE GROUP, R=F	
NGC	6881	Cyg	Planetary Neb 2a+3	PLN,STELLAR
	16"	7.5mmW	VF,VS,R=F, NO VISIBLE CENTRAL STAR	
NGC	6894	Cyg	H13-4 Planetary Neb 4+2	RINGNEB,F,S,VVLE
	16"	11mmT6	PF,PS,ROUND, NO VISIBLE CENTRAL STAR,R=F	
NGC	7024	Cyg	H57-8 Non-Existent	CL,P,LC,ST10...
	16"	11mmT6	PF,PS,R=F, SMALL GROUP	
NGC	7102	Peg	Galaxy SB(rs)b?	F,PL,R
	16"	11mmT6	VF,PS,OVAL,NND,AV,R=F	
NGC	7156	Peg	H452-3 Galaxy SAB(rs)cd:	F,PL,R,BM,R
	16"	11mmT6	PF,PS,OVAL,UB,NND,R=F	



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<b>MAC</b>	<b>1644+4005</b>	<b>Her</b>		<b>Galaxy</b>	
	16"	17mmT4	VF,VS,R,NND,AV,R=F		
<b>NGC</b>	<b>4256</b>	<b>Dra</b>	<b>H846-2</b>	<b>Galaxy SA(s)b: sp</b>	<b>PB,L,CE38,BMBN</b>
	16"	11mmT6	PS,EON,NND,R=F		
<b>NGC</b>	<b>6212</b>	<b>Her</b>		<b>Galaxy S?</b>	<b>EF</b>
	16"	17mmT4	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>6239</b>	<b>Her</b>	<b>H727-3</b>	<b>Galaxy SB(s)b pec?</b>	<b>VF,E,BIN,NPSF</b>
	16"	17mmT4	PF,PS,EON,UB,NND,R=F		
<b>NGC</b>	<b>6241</b>	<b>Her</b>	<b>H735-3</b>	<b>Galaxy Sc</b>	<b>EF,PS</b>
	16"	17mmT4	CF,PS,R,UB,NND,R=F		
<b>PGC</b>	<b>58867</b>	<b>Her</b>		<b>Galaxy Sc</b>	
	16"	17mmT4	PF,PS,OVAL,UB,NND,R=F		
<b>PGC</b>	<b>58895</b>	<b>Her</b>		<b>Galaxy</b>	
	16"	17mmT4	PB,CS,R,BNUC,R=G		
<b>PGC</b>	<b>59061</b>	<b>Her</b>		<b>Galaxy Sa</b>	
	16"	17mmT4	CF,PS,R,UB,NND,R=F		
<b>PGC</b>	<b>59062</b>	<b>Her</b>		<b>Galaxy S0 pec:</b>	
	16"	17mmT4	VF,CS,OVAL,NND,AV,R=F		
<b>PGC</b>	<b>59102</b>	<b>Her</b>		<b>Galaxy Sb</b>	
	16"	17mmT4	CF,PS,R,NND,R=F		

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IC	1152	Her		Galaxy E	
	16"	11mmT6	CF,CS,R,UB,NND,R=F		
IC	1153	Her		Galaxy S0	
	16"	11mmT6	CF,CS,R,UB,NND,R=F		
IC	1156	Her		Galaxy E	
	16"	11mmT6	VF,CS,OVAL,NND,AV,R=F		
IC	4615	Her		Non-Existent	
	16"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
NGC	4395	CVn	H29.1-5	Galaxy SA(s)m:	EF,VL,NP OF DNEB
	16"	17mmT4	PF,PL,R,LSB,R=F		
NGC	5490	Boo	H32-3	Galaxy E	CF,CS,R,SBMF**
	16"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
NGC	5520	Boo	H676-3	Galaxy Sb	F,S,LE,STELLAR
	16"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
NGC	5523	Boo	H134-3	Galaxy SA(s)cd:	F,PL,PME90,*10NP
	16"	11mmT6	PF,PS,EON,UB,NND,R=F		
NGC	5582	Boo	H754-2	Galaxy E	PB,PS,R,BMFN,*SP
	16"	11mmT6	PF,PS,EL,OVAL,NND,R=F		
NGC	5602	Boo	H694-2	Galaxy Sa	PF,PS,LE,MBM
	16"	11mmT6	CF,PS,OVAL,NND,R=F		
NGC	5660	Boo	H695-2	Galaxy SAB(rs)c	PB,L,IR,VGBM
	16"	11mmT6	PB,PL,OVAL,FNC,R=F		
NGC	6013	Her		Galaxy SBb	EF,VS,IR,LBM
	16"	11mmT6	VF,CS,EL,OVAL,NND,AV,R=F		
NGC	6043A	Her		Galaxy SB0	
	16"	11mmT6	CF,PS,R,UB,NND,R=F		
NGC	6081	Her		Galaxy S0	VF,S,R,BM
	16"	11mmT6	PF,PS,EON,UB,NND,R=F		
NGC	6186	Her	H730-3	Galaxy (R')SB(s)a	EF,VS,E
	16"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
NGC	6269	Her		Galaxy E	F,S,R
	16"	11mmT6	PF,PL,OVAL,UB,NND,R=F		
NGC	6278	Her	H124-3	Galaxy S0	VF,STELLAR
	16"	11mmT6	PF,PS,EL,OVAL,FNUC,R=F		
NGC	6343	Her		Galaxy C	VF,S,LE,NF OF 2
	16"	11mmT6	PF,PS,R,UB,NND,R=F		
NGC	6347	Her		Galaxy SBb	EF,IR,DIF
	16"	11mmT6	VF,VS,EL,OVAL,NND,AV,R=F		

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NGC 6350	Her	Galaxy S0	PF,PS,GBM
16"	11mmT6	CF,CS,R,UB,NND,R=F	
NGC 6364	Her	Galaxy S0	PF,VS,R,BM*13
16"	11mmT6	PF,PS,OVAL,FNUC,R=F	
NGC 6372	Her	H137-3 Galaxy Sb? pec	VF,PS,IF,SF OF 2
16"	11mmT6	CF,PS,OVAL,NND,R=F	
NGC 6389	Her	H901-2 Galaxy Sbc	F,S,IF,ER
16"	11mmT6	CF,PS,OVAL,UB,NND,R=F	
NGC 6408	Her	Galaxy SB(rs)a	F,S,IR,GBM
16"	11mmT6	CF,PS,R,UB,NND,R=F	
NGC 6417	Her	Galaxy SB(r)b:	PF,S,VLBM
16"	11mmT6	VF,VS,R,NND,AV,R=F	
NGC 6427	Her	Galaxy S0-:	VF,VS,STELLAR
16"	11mmT6	CF,CS,EON,NND,R=F	
NGC 6429	Her	Galaxy SBa	F,S,STELLAR
16"	11mmT6	CF,PS,EON,NND,R=F	
NGC 6442	Her	Galaxy E	PF,S,IR,GBM
16"	11mmT6	PF,PS,OVAL,FNUC,R=F	
NGC 6447	Her	Galaxy SB?	VF,S,R
16"	11mmT6	PF,PS,EL,OVAL,UB,NND,R=F	
NGC 6458	Her	Galaxy S0	EF,VS,STELLAR
16"	11mmT6	VF,CS,EL,OVAL,NND,AV,R=F	
NGC 6460	Her	Galaxy Scd:	VF,PL,IR
16"	11mmT6	VF,PS,OVAL,NND,AV,R=F	
NGC 6468	Her	Non-Existent	VF,S,R
16"	11mmT6	VF,PS,OVAL,NND,AV,R=F	
NGC 6484	Her	Galaxy Sb:	EF,VS,R,MBM
16"	11mmT6	PF,PS,R,FNUC,R=F	
NGC 6485	Her	Galaxy Sbc	VF,VS,R
16"	11mmT6	CF,PS,R,UB,NND,R=F	
NGC 6487	Her	Galaxy E	F,S,R,GBM
16"	11mmT6	PF,PS,R,UB,,NND,R=F	
NGC 6490	Her	Galaxy S0-?	VF,VS,STELLAR
16"	11mmT6	VF,CS,OVAL,NND,AV,R=F	
NGC 6495	Her	Galaxy E	F,S,R
16"	11mmT6	PF,PS,R,FNUC,R=F	
NGC 6500	Her	H957-3 Galaxy SAab:	VF,VS,SP OF 2
16"	11mmT6	PF,PS,OVAL,FNUC,MSB,R=F	

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<b>NGC 6501</b> 16"	<b>Her</b> 11mmT6	<b>H958-3</b> PF,PS,OVAL,FNUC,MSB,R=F	<b>Galaxy SA0+:</b>	<b>VF,VS,NF OF 2</b>
<b>NGC 6504</b> 16"	<b>Her</b> 11mmT6	<b>H958-3</b> PF,PS,EON,FNUC,MSB,R=F	<b>Galaxy S</b>	<b>F,VME,SBM</b>
<b>NGC 6574</b> 16"	<b>Her</b> 11mmT6	<b>H958-3</b> PF,CS,OVAL,FNUC,UB,R=F	<b>Galaxy SAB(rs)bc:</b>	<b>PB,S,R</b>
<b>PAL 10</b> 16"	<b>Sge</b> 11mmT6	<b>Globular</b> VF,PS,AV,R=F UNRESOLVED.		
<b>PAL 14</b> 16"	<b>Her</b> 11mmT6	<b>Globular</b> CF,PS,R=F, UNRESOLVED,STAR IN FRONT.		
<b>PAL 15</b> 16"	<b>LMi</b> 11mmT6	<b>Globular</b> VF,PS,AV,R=F UNRESOLVED.		
<b>PGC 56398</b> 16"	<b>Her</b> 11mmT6	<b>Galaxy S0</b> CF,CS,R,UB,NND,R=F		
<b>PGC 56544</b> 16"	<b>Her</b> 11mmT6	<b>Galaxy S0-:</b> CF,PS,EL,OVAL,NND,R=F		

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<b>May 18, 2009</b>		<b>Hidden Hollow - RAS</b>	
<b>IC</b>	<b>834</b>	<b>Com</b>	<b>Galaxy S</b>
	31"	17mmT4	PF,CS,OVAL,FNUC.MHISB,R=F
<b>IC</b>	<b>835</b>	<b>Com</b>	<b>Galaxy S?</b>
	31"	17mmT4	CF,CL,R,UB,NND,R=F
<b>IC</b>	<b>3900</b>	<b>Com</b>	<b>Galaxy SB0:</b>
	31"	17mmT4	PB,CS,OVAL,UB,NND,R=F
<b>IC</b>	<b>3913</b>	<b>Com</b>	<b>Galaxy S?</b>
	31"	17mmT4	DIFF,CF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>1255+2736A</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	DIFF,VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>1255+2756</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F
<b>MAC</b>	<b>1255+2815</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F
<b>MAC</b>	<b>1255+2824</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	EF,VS,R,NND,AV,R=P
<b>MAC</b>	<b>1255+2900</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,NND,AV,R=F
<b>MAC</b>	<b>1256+2725</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	PF,PS,OVAL,FNUC,R=F
<b>MAC</b>	<b>1256+2726</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,NND,R=F
<b>MAC</b>	<b>1256+2730</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,NND,AV,R=F
<b>MAC</b>	<b>1256+2732</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,NND,AV,R=F
<b>MAC</b>	<b>1256+2732</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F
<b>MAC</b>	<b>1256+2738</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	PF,VS,NND,UB,R=F
<b>MAC</b>	<b>1256+2741</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>1256+2743</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>1256+2749</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	PB,CS,R,FNUC,R=F
<b>MAC</b>	<b>1256+2750</b>	<b>Com</b>	<b>Galaxy</b>
	31"	17mmT4	PB,CS,R,FNUC,R=F

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<b>MAC</b>	<b>1256+2802</b>	<b>Com</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,R=F		
<b>MAC</b>	<b>1256+2818</b>	<b>Com</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F		
<b>NGC</b>	<b>4565</b>	<b>Com</b>	<b>H24-5</b>	<b>Galaxy SA(s)b? sp</b>	<b>B,EL,EE135,VSBMN=*10</b>
	31"	31mmT5	PB,PL,EON,BNUC,HISB,R=E,	NICE DUST LANE	
<b>NGC</b>	<b>4816</b>	<b>Com</b>	<b>H383-2</b>	<b>Galaxy S0-:</b>	<b>VF,PL</b>
	31"	17mmT4	PB,PS,OVAL,BNUC,MHISB,R=G		
<b>NGC</b>	<b>4824</b>	<b>Com</b>		<b>Galaxy SA0</b>	<b>VF,VS</b>
	31"	17mmT4	PF,CS,R,UB,NND,R=F		
<b>PGC</b>	<b>44105</b>	<b>Com</b>		<b>Galaxy</b>	
	31"	17mmT4	PB,PS,OVAL,BNUC,MHISB,R=G		
<b>PGC</b>	<b>44109</b>	<b>Com</b>		<b>Galaxy C</b>	
	31"	17mmT4	CF,CS,OVAL,NND,AV,R=F		
<b>PGC</b>	<b>44137</b>	<b>Com</b>		<b>Galaxy</b>	
	31"	17mmT4	PF,PS,R,NND,R=F		
<b>PGC</b>	<b>44159</b>	<b>Com</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,UB,NND,R=F		

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**April 26, 2009****Hidden Hollow - RAS**

<b>NGC 3338</b> 16"	<b>Leo</b> 17mmT4	<b>H77-2</b> PF,PS,EL,OVAL,UB,NND,R=F	<b>Galaxy SA(s)c</b>	<b>F,CL,E,VGBM,*7P10S</b>
<b>NGC 3367</b> 16"	<b>Leo</b> 17mmT4	<b>H78-2</b> PF,CS,R,UB,NND,R=F	<b>Galaxy SB(rs)c</b>	<b>PB,CL,IR,VGLBM,R,1-3</b>
<b>NGC 3377</b> 16"	<b>Leo</b> 17mmT4	<b>H99-2</b> PF,PS,OVAL,FNUC,R=F	<b>Galaxy E5-6</b>	<b>VB,CL,LE,SVMBMBN</b>
<b>NGC 4592</b> 16"	<b>Vir</b> 17mmT4	<b>H31-2</b> CF,PS,EON,UB,NND,R=F	<b>Galaxy SA(s)dm:</b>	<b>F,L,E90,VGBM</b>
<b>NGC 4632</b> 16"	<b>Vir</b> 17mmT4	<b>H14-1</b> CF,CS,OVAL,NND,R=F	<b>Galaxy SAc</b>	<b>PB,L,E45</b>
<b>NGC 4636</b> 16"	<b>Vir</b> 17mmT4	<b>H38-2</b> PB,PS,OVAL,FNUC,R=F	<b>Galaxy E</b>	<b>B,L,IR,VGVMBM,R</b>
<b>NGC 4643</b> 16"	<b>Vir</b> 17mmT4	<b>H10-1</b> PF,PS,OVAL,FNUC,R=F	<b>Galaxy SB(rs)0/a</b>	<b>CB,PS,LE,MBM</b>
<b>NGC 4665</b> 16"	<b>Vir</b> 17mmT4	<b>Non-Existent</b> PF,PS,OVAL,UB,NND,R=F		<b>B,PL,IR,MBM,*10SP</b>
<b>NGC 4666</b> 16"	<b>Vir</b> 17mmT4	<b>H15-1</b> PB,PS,EON,FNUC,R=G	<b>Galaxy SABc:</b>	<b>B,VL,ME45,PSBM</b>
<b>NGC 5068</b> 16"	<b>Vir</b> 11mmT6	<b>H312-2</b> PF,PL,R,UB,NND,R=F	<b>Galaxy SAB(rs)cd</b>	<b>F,L,IR,BM</b>
<b>NGC 5529</b> 16"	<b>Boo</b> 11mmT6	<b>H414-3</b> CF,CS,EON,UB,NND,R=F	<b>Galaxy Sc: sp</b>	<b>CF,PL,VME110,VGVMBM</b>
<b>NGC 5533</b> 16"	<b>Boo</b> 11mmT6	<b>H418-2</b> PF,PS,EL,OVAL,FNUC,R=F	<b>Galaxy SA(rs)ab</b>	<b>PB,R,VSMBM,20R3*INV</b>
<b>NGC 5590</b> 16"	<b>Boo</b> 11mmT6	<b>H417-3</b> CF,CS,R,UB,NND,R=F	<b>Galaxy S0</b>	<b>CF,S,R,BM*,SF OF 2</b>
<b>NGC 5614</b> 16"	<b>Boo</b> 11mmT6	<b>H420-2</b> CF,CS,OVAL,UB,NND,R=F	<b>Galaxy SA(r)ab pec</b>	<b>PB,S,R,SMBM</b>

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<b>NGC 4136</b> 16"	<b>Com</b> 17mmT4	<b>H321-2</b> PF,PS,R,UB,NND,R=G	<b>Galaxy SAB(r)c</b>	<b>F,VL,VGMBM</b>
<b>NGC 4169</b> 16"	<b>Com</b> 17mmT4	<b>H358-3</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy S0</b>	<b>F,S,1ST OF 4</b>
<b>NGC 4185</b> 16"	<b>Com</b> 17mmT4	<b>H373-2</b> VF,PS,OVAL,NND,AV,R=F	<b>Galaxy Sbc</b>	<b>CF,L,R,GBM</b>
<b>NGC 4189</b> 16"	<b>Com</b> 17mmT4	<b>H106-2</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy SAB(rs)cd?</b>	<b>F,L,LE,VGLBM,R</b>
<b>NGC 4206</b> 16"	<b>Vir</b> 17mmT4	<b>H165-2</b> VF,PS,EON,NND,VLOWSB,R=F	<b>Galaxy SA(s)bc:</b>	<b>F,VME</b>
<b>NGC 4212</b> 16"	<b>Com</b> 17mmT4	<b>H108-2</b> PF,PS,OVAL,UB,NND,LSB,R=F	<b>Galaxy SAc:</b>	<b>B,L,E107,G,SBM,R</b>
<b>NGC 4216</b> 16"	<b>Vir</b> 17mmT4	<b>H35-1</b> PB,PL,EON,BNUC,HSB,R=G	<b>Galaxy SAB(s)b:</b>	<b>VB,VL,VME17,SBMN</b>
<b>NGC 4237</b> 16"	<b>Com</b> 17mmT4	<b>H11-2</b> PF,PS,EL,OVAL,UB,NND,R=F	<b>Galaxy SAB(rs)bc</b>	<b>PB,PL,LE,VGBM,R</b>
<b>NGC 4278</b> 16"	<b>Com</b> 17mmT4	<b>H90-1</b> PB,PS,R,FNUC,HSB,R=G	<b>Galaxy E1-2</b>	<b>VB,PL,R,MBM,R,1STOF3</b>
<b>NGC 4298</b> 16"	<b>Com</b> 17mmT4	<b>H111-2</b> PF,VS,OVAL,UB,NND,R=F	<b>Galaxy SA(rs)c</b>	<b>F,L,E,VGBM,P OF 2</b>
<b>NGC 4302</b> 16"	<b>Com</b> 17mmT4	<b>H112-2</b> PF,PS,EON,UB,NND,R=F	<b>Galaxy Sc</b>	<b>L,VME177,F OF 2</b>
<b>NGC 4310</b> 16"	<b>Com</b> 17mmT4	<b>H378-2</b> VF,VS,OVAL,NND,AV,R=F	<b>Galaxy SB0</b>	<b>F,CL,LE,N OF 2</b>
<b>NGC 4312</b> 16"	<b>Com</b> 17mmT4	<b>H628-2</b> PB,PS,EON,FNUC,USB,R=G	<b>Galaxy SA(rs)ab: sp</b>	<b>PB,CL,E,GBM</b>
<b>NGC 4336</b> 16"	<b>Com</b> 17mmT4	<b>H406-2</b> VF,PS,R,UB,NND,R=F	<b>Galaxy SB0/a</b>	<b>VF,PL,IR,(BIN)</b>
<b>NGC 4359</b> 16"	<b>Com</b> 17mmT4	<b>H648-3</b> VF,VS,EL,OVAL,NND,AV,R=F	<b>Galaxy SB(rs)c? sp</b>	<b>CF,PME90,VLBM</b>
<b>NGC 4379</b> 16"	<b>Com</b> 17mmT4	<b>H87-2</b> VF,VS,R,NND,AV,R=F	<b>Galaxy S0- pec:</b>	<b>PS,R,PSBMN</b>
<b>NGC 4571</b> 16"	<b>Com</b> 17mmT4	<b>H602-3</b> PF,PS,R,UB,NND,R=F	<b>Galaxy SA(r)d</b>	<b>VF,L,E,VGBM,*9NF NR</b>
<b>NGC 5012</b> 16"	<b>Com</b> 17mmT4	<b>H85-1</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy SAB(rs)c</b>	<b>PF,CL,E17,BIN,*9F</b>
<b>NGC 5056</b> 16"	<b>Com</b> 17mmT4	<b>H306-3</b> VF,PS,OVAL,UB,NND,AV,R=F	<b>Galaxy Scd:</b>	<b>CF,CS,R,SP OF 2</b>



## Observations Listing by Date

**April 16, 2009****Hidden Hollow - RAS**

**NGC 5480** **UMa** **H692-2** **Galaxy SA(s)c:** **F,PS,VGBM,NP OF 2**  
 16" 17mmT4 PF,PS,R,UB,NND,R=F

**NGC 5481** **UMa** **H693-2** **Galaxy E+** **F,VS,SMBM,STELL,SF-2**  
 16" 17mmT4 PF,PS,R,UB,NND,R=F

**March 26, 2009****Hidden Hollow - RAS**

**NGC 4138** **CVn** **H196-1** **Galaxy SA(r)0+** **B,PL,E,VGBM,\*NP**  
 16" 17mmT4 PB,PS,OVAL,FNUC,R=F

**NGC 4217** **CVn** **H748-2** **Galaxy Sb sp** **PF,L,ME45,\*\*N,P OF 2**  
 16" 17mmT4 VF,VS,OCAL,NND,R=F

**NGC 4220** **CVn** **H209-1** **Galaxy SA(r)0+** **CB,PL,PME134,PSBM**  
 16" 17mmT4 PF,PS,EL,OVAL,FNUC,USB,R=F

**NGC 4248** **CVn** **H742-2** **Galaxy I0? sp** **VF,S,PME,PSBM**  
 16" 17mmT4 VF,VS,OVAL,NND,AV,R=F

**NGC 4369** **CVn** **H166-1** **Galaxy (R)SA(rs)a** **CB,S,R,MBMN,R**  
 16" 17mmT4 PF,PS,OVAL,USB,R=F

**NGC 4914** **CVn** **H645-2** **Galaxy E** **PB,CS,R,SMBM,\*17NP**  
 16" 17mmT4 PF,PS,OVAL,FNUC,R=F

**March 21, 2009****Hidden Hollow - RAS**

**NGC 5128** **Cen** **Galaxy S0 pec** **VB,VL,VME122,BIFID**  
 31" 17mmT4 DIFF,VL,VF,NND,LSB,R=F

## Observations Listing by Date

March 20, 2009

Hidden Hollow - RAS

<b>IC</b>	<b>4715</b>	<b>Sgr</b>		<b>Non-Existent</b>	
	16"	26mm	MESSIER MARATHON - 2009		
<b>M</b>	<b>45</b>	<b>Tau</b>	<b>M45</b>	<b>Open Cluster</b>	
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>205</b>	<b>And</b>	<b>M110 H18-5</b>	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
	1.9"	12x50	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32</b>	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
	1.9"	12x50	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	1.9"	12x50	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>581</b>	<b>Cas</b>	<b>M103</b>	<b>Open Cluster 9.0 II 2 m</b>	<b>CL,PL,B,R,RI,*10..11</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>598</b>	<b>Tri</b>	<b>M33 H17-5</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
	1.9"	12x50	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>650</b>	<b>Per</b>	<b>M76 H193-1</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>1039</b>	<b>Per</b>	<b>M34</b>	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,B,VL,LC,SC ST9</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>1904</b>	<b>Lep</b>	<b>M79</b>	<b>Globular</b>	<b>GCL,PL,ERI,EC,RRR</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>1952</b>	<b>Tau</b>	<b>M1</b>	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>2068</b>	<b>Ori</b>	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>2099</b>	<b>Aur</b>	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>2168</b>	<b>Gem</b>	<b>M35</b>	<b>Open Cluster 8.0 III 3 r</b>	<b>CL,VL,CRI,PC,ST9..16</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>2287</b>	<b>CMa</b>	<b>M41</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,B,LC,ST 8...</b>
	16"	26mm	MESSIER MARATHON - 2009		

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March 20, 2009

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NGC	2323	Mon	M50	Open Cluster 9.0 II 3 r	CL,VL,RI,PC,E,
	16"	26mm	MESSIER MARATHON - 2009		
NGC	2422	Pup	M47 H38-8	Open Cluster 5.0 I 3 m	CL,B,VL,PRI,ST L\$\$
	16"	26mm	MESSIER MARATHON - 2009		
NGC	2437	Pup	M46	Open Cluster 10.0 II 2 r	CL,VB,VRI,VL,INV PLN
	16"	26mm	MESSIER MARATHON - 2009		
NGC	2447	Pup	M93	Open Cluster 9.0 I 3 r	CL,L,PRI,LC,ST8...13
	16"	26mm	MESSIER MARATHON - 2009		
NGC	2548	Hya	M48 H22-6	Open Cluster 8.0 I 3 r	CL,VL,PRI,PMC,*9..13
	16"	26mm	MESSIER MARATHON - 2009		
NGC	2632	Cnc	M44	Open Cluster 6.0 II 3 m	PRAESEPE CANCRI
	16"	26mm	MESSIER MARATHON - 2009		
NGC	2682	Cnc	M67	Open Cluster 9.0 II 3 r	CL,VB,VL,ERI,LC,*10.
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3351	Leo	M95	Galaxy SB(r)b	B,L,R,PGMBMN
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3368	Leo	M96	Galaxy SAB(rs)ab	VB,VL,LE,VSVMBM,R
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3379	Leo	M105 H17-1	Galaxy E1	VB,CL,R,PSBM,R
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3556	UMa	M108 H46-5	Galaxy SB(s)cd sp	CB,VL,VME79,PBM,R
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3587	UMa	M97	Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3623	Leo	M65	Galaxy SAB(rs)a	B,VL,ME165,GBMBN
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3627	Leo	M66	Galaxy SAB(s)b	B,VL,ME150,MBM,2*NP
	16"	26mm	MESSIER MARATHON - 2009		
NGC	3992	UMa	M109 H61-4	Galaxy SB(rs)bc	CB,VL,PME,SBMBRN
	16"	26mm	MESSIER MARATHON - 2009		
NGC	4192	Com	M98	Galaxy SAB(s)ab	B,VL,VME152,VSVMBM
	16"	26mm	MESSIER MARATHON - 2009		
NGC	4254	Com	M99	Galaxy SA(s)c	B,L,R,GBM,R,3BRSPIRA
	16"	26mm	MESSIER MARATHON - 2009		

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<b>March 20, 2009</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>4258</b>	<b>CVn</b>	<b>M106 H43-5</b>	<b>Galaxy Sb</b>	<b>VB,VL,VME0,SBMBN</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4303</b>	<b>Vir</b>	<b>M61 H139-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VSBM*,BIN</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4321</b>	<b>Com</b>	<b>M100</b>	<b>Galaxy SAB(s)bc</b>	<b>PF,VL,R,VG,PSBMRN</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4374</b>	<b>Vir</b>	<b>M84</b>	<b>Galaxy E1</b>	<b>VB,PL,R,PSBM,R</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4382</b>	<b>Com</b>	<b>M85</b>	<b>Galaxy SA(s)0+ pec</b>	<b>VB,PL,R,BM,*NP</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4406</b>	<b>Vir</b>	<b>M86</b>	<b>Galaxy E3</b>	<b>VB,L,R,GBMN,R</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4472</b>	<b>Vir</b>	<b>M49</b>	<b>Galaxy E2</b>	<b>VB,L,R,MBM,R</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4486</b>	<b>Vir</b>	<b>M87</b>	<b>Galaxy E+0-1 pec</b>	<b>VB,VL,R,MBM,3RD OF 3</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4501</b>	<b>Com</b>	<b>M88</b>	<b>Galaxy SA(rs)b</b>	<b>B,VL,VME</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4548</b>	<b>Com</b>	<b>M91 H120-2</b>	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4552</b>	<b>Vir</b>	<b>M89</b>	<b>Galaxy E0-1</b>	<b>PB,PS,R,GMBM</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4569</b>	<b>Vir</b>	<b>M90</b>	<b>Galaxy SAB(rs)ab</b>	<b>PL,BMN</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4579</b>	<b>Vir</b>	<b>M58</b>	<b>Galaxy SAB(rs)b</b>	<b>B,L,IR,VMBM,R</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4590</b>	<b>Hya</b>	<b>M68</b>	<b>Globular</b>	<b>GCL,L,ERI,VC,IR,ST12</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4594</b>	<b>Vir</b>	<b>M104 H43-1</b>	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4621</b>	<b>Vir</b>	<b>M59</b>	<b>Galaxy E5</b>	<b>B,PL,LE,VSVMBM,2*P</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4649</b>	<b>Vir</b>	<b>M60</b>	<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4736</b>	<b>CVn</b>	<b>M94</b>	<b>Galaxy (R)SA(r)ab</b>	<b>VB,L,IR,VSVMBMBN,R</b>
	16"	26mm	MESSIER MARATHON - 2009		
<b>NGC</b>	<b>4826</b>	<b>Com</b>	<b>M64</b>	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
	16"	26mm	MESSIER MARATHON - 2009		

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NGC	5024	Com	M53	Globular	GCL,B,VC,IR,VVMBM,
	16"	26mm	MESSIER MARATHON - 2009		
NGC	5055	CVn	M63	Galaxy SA(rs)bc	VB,L,PME120,VSMBMBN
	16"	26mm	MESSIER MARATHON - 2009		
NGC	5194	CVn	M51	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
	16"	26mm	MESSIER MARATHON - 2009		
NGC	5236	Hya	M83	Galaxy SAB(s)c	VB,VL,E55,ESBMN,SPIR
	16"	26mm	MESSIER MARATHON - 2009		
NGC	5272	CVn	M3	Globular	GCL,EB,VL,VSMBM,*11.
	16"	26mm	MESSIER MARATHON - 2009		
NGC	5457	UMa	M101	Galaxy SAB(rs)cd	PB,VL,IR,G,VSMBMBSN 4
	16"	26mm	MESSIER MARATHON - 2009		
NGC	5866	Dra	M102 H215-1	Galaxy SA0+ sp	VB,CL,PME146,GBM
	16"	26mm	MESSIER MARATHON - 2009		
NGC	5904	Ser	M5	Globular	GCL,VB,L,ECM,*11..15
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6093	Sco	M80	Globular	GCL,VB,L,VMBM(VAR*)
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6171	Oph	M107 H40-6	Globular	GCL,L,VRI,VMC,R,RRR
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6205	Her	M13	Globular	GCL,EB,VRI,VGECM,*11
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6218	Oph	M12	Globular	GCL,VB,VL,IR,GMBM
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6254	Oph	M10	Globular	GCL,B,VL,R,GVMBM,RRR
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6266	Oph	M62	Globular	GCL,VB,L,GMBM,RRR,
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6273	Oph	M19	Globular	GCL,VB,L,R,VCM,RRR
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6333	Oph	M9	Globular	GCL,B,L,R,ECM,RRR,
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6341	Her	M92	Globular	GCL,VB,VL,ECM,ST S
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6402	Oph	M14	Globular	GCL,B,VL,R,ERI,VGMBM
	16"	26mm	MESSIER MARATHON - 2009		
NGC	6405	Sco	M6	Open Cluster 5.5 II 3 r	CL,L,IR,LC,ST7,10...
	16"	26mm	MESSIER MARATHON - 2009		

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<b>March 20, 2009</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>6475</b> 16"	<b>Sco</b> 26mm	<b>M7</b> MESSIER MARATHON - 2009	<b>Open Cluster 7.0 I 3 r</b>	<b>CL,VB,PRI,LC,*7...12</b>
<b>NGC</b>	<b>6494</b> 16"	<b>Sgr</b> 26mm	<b>M23</b> MESSIER MARATHON - 2009	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,B,VL,PRI,LC,*10..</b>
<b>NGC</b>	<b>6514</b> 16"	<b>Sgr</b> 26mm	<b>M20 H41-4</b> MESSIER MARATHON - 2009	<b>Nebula EN+OC</b>	<b>VB,VL,TRIFID,D*INV</b>
<b>NGC</b>	<b>6523</b> 16"	<b>Sgr</b> 26mm	<b>M8</b> MESSIER MARATHON - 2009	<b>Nebula E</b>	<b>VB,EL,EIF,W/LCL</b>
<b>NGC</b>	<b>6531</b> 16"	<b>Sgr</b> 26mm	<b>M21</b> MESSIER MARATHON - 2009	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,PRI,LC,ST9...12</b>
<b>NGC</b>	<b>6611</b> 16"	<b>Ser</b> 26mm	<b>M16</b> MESSIER MARATHON - 2009	<b>Open Cluster 11.0 II 3 m n</b>	<b>CL,ATLEAST100* L\$S</b>
<b>NGC</b>	<b>6618</b> 16"	<b>Sgr</b> 26mm	<b>M17</b> MESSIER MARATHON - 2009	<b>Nebula EN+OC</b>	<b>B,EL,EIF,2HOOKED</b>
<b>NGC</b>	<b>6626</b> 16"	<b>Sgr</b> 26mm	<b>M28</b> MESSIER MARATHON - 2009	<b>Globular</b>	<b>GCL,VB,L,R,GECM,RRR</b>
<b>NGC</b>	<b>6656</b> 16"	<b>Sgr</b> 26mm	<b>M22</b> MESSIER MARATHON - 2009	<b>Globular</b>	<b>GCL,VB,VL,R,VRI,VMC</b>
<b>NGC</b>	<b>6720</b> 16"	<b>Lyr</b> 26mm	<b>M57</b> MESSIER MARATHON - 2009	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
<b>NGC</b>	<b>6779</b> 16"	<b>Lyr</b> 26mm	<b>M56</b> MESSIER MARATHON - 2009	<b>Globular</b>	<b>GCL,B,L,IR,GVMCM,RRR</b>
<b>NGC</b>	<b>6838</b> 16"	<b>Sge</b> 26mm	<b>M71</b> MESSIER MARATHON - 2009	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>
<b>NGC</b>	<b>6853</b> 16"	<b>Vul</b> 26mm	<b>M27</b> MESSIER MARATHON - 2009	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBEL</b>
<b>NGC</b>	<b>6913</b> 16"	<b>Cyg</b> 26mm	<b>M29</b> MESSIER MARATHON - 2009	<b>Open Cluster 9.0 II 3 m n</b>	<b>CL,P,LC,STL\$S</b>
<b>NGC</b>	<b>7092</b> 16"	<b>Cyg</b> 26mm	<b>M39</b> MESSIER MARATHON - 2009	<b>Open Cluster 7.0 III 2 m</b>	<b>CL,VL,VP,VLC,*7...10</b>
<b>NGC</b>	<b>7654</b> 16"	<b>Cas</b> 26mm	<b>M52</b> MESSIER MARATHON - 2009	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>
<b>WINN</b>	<b>4</b> 16"	<b>UMa</b> 26mm	<b>M40</b> MESSIER MARATHON - 2009	<b>Unknown STAR</b>	

## Observations Listing by Date

**January 24, 2009 Hidden Hollow - RAS**

<b>IC</b>	<b>431</b>	<b>Ori</b>	<b>Nebula R</b>	
	31"	17mmT4	PF,PS, HINT OF NEBULOSITY,R=F	
<b>IC</b>	<b>432</b>	<b>Ori</b>	<b>Nebula R</b>	
	31"	17mmT4	PF,PS, HINT OF NEBULOSITY,R=F	
<b>IC</b>	<b>435</b>	<b>Ori</b>	<b>Nebula R</b>	
	31"	17mmT4	PF,PS, HINT OF NEBULOSITY,R=F	
<b>NGC</b>	<b>2023</b>	<b>Ori</b>	<b>H24-4 Nebula R+E</b>	<b>B*IN M OF L,LE NEB</b>
	31"	17mmT4	PF,PS, HINT OF NEBULOSITY,R=F	

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<b>B</b>	<b>33</b>	<b>Ori</b>	<b>Nebula Ir</b>	
	31"	17mmT4	MB,VL,R=E!!!, HYDROGEN BETA FILTER.	
<b>IC</b>	<b>418</b>	<b>Lep</b>	<b>Planetary Neb 4</b>	
	31"	17mmT4	VB,VS,R,R=G, CENTRAL STAR	
<b>J</b>	<b>320</b>	<b>Ori</b>	<b>Planetary Neb 2+4</b>	
	31"	17mmT4	F,VS,OVAL,R=F, NO CENTRAL STAR	
<b>NGC</b>	<b>1360</b>	<b>For</b>	<b>Planetary Neb 3</b>	<b>*8IN B,LNEB,E NS</b>
	31"	17mmT4	PF,PS,EL,R,R=G, CENTRAL STAR, OIII	
<b>NGC</b>	<b>1535</b>	<b>Eri</b>	<b>H26-4 Planetary Neb 4+2c</b>	<b>PLN,VB,S,R,PS,VSBM,R</b>
	31"	17mmT4	VB,PS,R,R=G,BRIGHT CENTRAL STAR!!, OIII	
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42 Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	31"	17mmT4	VB,VL,R=E, TRAP=6 STARS	
<b>NGC</b>	<b>2022</b>	<b>Ori</b>	<b>H34-4 Planetary Neb 4+2</b>	<b>PLN,PB,VS,VLE</b>
	31"	17mmT4	F,PS,OVAL,R=G, NO CENTRAL STAR	
<b>NGC</b>	<b>2359</b>	<b>CMa</b>	<b>H21-5 Nebula E</b>	<b>VF,VVL,VIF</b>
	31"	31mmT5	PB,PL,R=E!!, BEAUTIFUL	

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<b>IC</b>	<b>5381</b>	<b>Peg</b>	<b>Galaxy Sab? sp</b>	
	16"	17mmT4	CF,CS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>14</b>	<b>Peg</b>	<b>H591-2 Galaxy (R)IB(s)m pec</b>	<b>VF,PS,R,GLBM</b>
	16"	17mmT4	F,VS,R,NND,R=F	
<b>NGC</b>	<b>7814</b>	<b>Peg</b>	<b>H240-2 Galaxy SA(s)ab: sp</b>	<b>CB,CL,E,VGBM</b>
	16"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>70842</b>	<b>Peg</b>	<b>Galaxy E?</b>	
	31"	17mmT4	MF,MS,R,NND,R=F	

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<b>CR</b>	<b>21</b>	<b>Tri</b>	<b>Open Cluster III3p</b>	
	16"	17mmT4	B,CS,15+ STARS,R=F	
<b>IC</b>	<b>1727</b>	<b>Tri</b>	<b>Galaxy SB(s)m</b>	
	16"	17mmT4	PF,CS,EON,UB,NND,R=F	
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32</b>	<b>Galaxy cE2</b>
	16"	20mmUW	LARGE,BRIGHT,R=E	<b>VVB,L,R,PSMBMN</b>
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>
	16"	20mmUW	SMALL,BRIGHT,R=E	<b>EEB,EL,VME,ANDROMEDA 17</b>
<b>NGC</b>	<b>598</b>	<b>Tri</b>	<b>M33 H17-5</b>	<b>Galaxy SA(s)cd</b>
	16"	20mmUW	LARGE, DIFFUSE PATCH	<b>EB,EL,R,VGBMN 6</b>
<b>NGC</b>	<b>672</b>	<b>Tri</b>	<b>H157-1</b>	<b>Galaxy SB(s)cd</b>
	16"	17mmT4	PF,PS,EON,FNUC,R=F	<b>F,PL ,ME80</b>
<b>NGC</b>	<b>777</b>	<b>Tri</b>	<b>H223-2</b>	<b>Galaxy E1</b>
	16"	17mmT4	PF,CS,R,FNUC,R=F	<b>PB,PL,R,GLBM</b>
<b>NGC</b>	<b>890</b>	<b>Tri</b>	<b>H225-2</b>	<b>Galaxy SAB(r)0-?</b>
	16"	17mmT4	PF,PS,OVAL,UB,NND,R=F	<b>B,S,R,BM,3F*SP</b>
<b>NGC</b>	<b>925</b>	<b>Tri</b>	<b>H177-3</b>	<b>Galaxy SAB(s)d</b>
	16"	17mmT4	PF,PS,OVAL,NND,LSB,R=F	<b>CF,CL,E,VGBM,2*13NP</b>
<b>NGC</b>	<b>7078</b>	<b>Peg</b>	<b>M15</b>	<b>Globular</b>
	16"	32mmUW	NICE, BRIGHT, CAN'T RESOLVE INDIVIDUAL STARS	<b>GCL,VB,VL,IR,VSMBM</b>
<b>NGC</b>	<b>7089</b>	<b>Aqr</b>	<b>M2</b>	<b>Globular</b>
	16"	32mmUW	SAME,DIMMER, CAN'T RESOLVE INDIVIDUAL STARS	<b>GCL,B,VL,GPMBM,RRR</b>



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<b>MAC</b>	<b>2214+1352</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=P	
<b>NGC</b>	<b>7206</b>	<b>Peg</b>	<b>Galaxy S0:</b>	<b>F,S,LE,BM</b>
	31"	17mmT4	CF,CS,OVAL,UB,FNUC,R=F	
<b>NGC</b>	<b>7207</b>	<b>Peg</b>	<b>Galaxy</b>	<b>VF,S</b>
	31"	17mmT4	CF,S,EL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7212</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>EF,VS,LE</b>
	31"	17mmT4	CF,CS,EL,OVAL,FNUC,R=F	
<b>NGC</b>	<b>7224</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>F,S,R</b>
	31"	17mmT4	CF,CS,OVAL,UB,FNUC,R=F	
<b>NGC</b>	<b>7236</b>	<b>Peg</b>	<b>Galaxy SA0-</b>	<b>VF,S,STELLAR</b>
	31"	17mmT4	CF,CS,R,FNUC,R=F	
<b>NGC</b>	<b>7237</b>	<b>Peg</b>	<b>Galaxy SA0-</b>	<b>VF,S,STELLAR</b>
	31"	17mmT4	F,S,R,UB,NND,R=F	
<b>NGC</b>	<b>7244</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>EF,ES,R,BM</b>
	31"	17mmT4	CF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>7253A</b>	<b>Peg</b>	<b>Galaxy SB?</b>	<b>VF,PE</b>
	31"	17mmT4	CF,CS,EON,UB,NND,R=F	
<b>NGC</b>	<b>7253B</b>	<b>Peg</b>	<b>Galaxy S?</b>	
	31"	17mmT4	F,CS,EON,NND,R=F	
<b>NGC</b>	<b>7270</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>VF,S,E</b>
	31"	17mmT4	CF,S,OVAL,FNUC,R=F	
<b>NGC</b>	<b>7271</b>	<b>Peg</b>	<b>Galaxy L</b>	<b>VF,S,VLE</b>
	31"	17mmT4	F,S,R,UB,NND,R=F	
<b>NGC</b>	<b>7272</b>	<b>Peg</b>	<b>Galaxy SBa</b>	<b>VF,S,IR</b>
	31"	17mmT4	CF,CS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7275</b>	<b>Peg</b>	<b>Galaxy Sa</b>	<b>EF,S,ME</b>
	31"	17mmT4	CF,CS,EON,FNUC,MSB,R=F	
<b>NGC</b>	<b>7280</b>	<b>Peg</b>	<b>H248-2 Galaxy SAB(r)0+</b>	<b>F,CS,R,GBMS*,3*N,NF</b>
	31"	17mmT4	PF,PS,OVAL,BNUC,MSB,R=G	
<b>NGC</b>	<b>7283</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>VF,VS,R</b>
	31"	17mmT4	F,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7286</b>	<b>Peg</b>	<b>Galaxy S0/a</b>	<b>VF,S,R,AM ST</b>
	31"	17mmT4	CF,CS,EON,UB,NND,R=F	
<b>NGC</b>	<b>7290</b>	<b>Peg</b>	<b>Galaxy SA(r)bc</b>	<b>PB,S,PME</b>
	31"	17mmT4	PF,CS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7291</b>	<b>Peg</b>	<b>Galaxy S0</b>	<b>EF,ES,R,SMBM</b>
	31"	17mmT4	PF,CS,R,FNUC,MSB,R=F	

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<b>NGC 7304</b> 31"	<b>Peg</b> 17mmT4	<b>Non-Existent</b> CF,CS,OVAL,UB,NND,R=F	<b>VF,PS,VLBM,NF7303,()</b>
<b>NGC 7305</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy E/S0</b> F,VS,R,NND,R=P	<b>EF,S,R,4F*AROUND</b>
<b>NGC 7312</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SB(s)b</b> F,CS,EL,OVAL,UB,R=F	<b>F,S</b>
<b>NGC 7315</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S0</b> CF,CS,R,UB,NND,R=F	<b>VF,ES,R,BM</b>
<b>NGC 7316</b> 31"	<b>Peg</b> 17mmT4	<b>H180-3 Galaxy S</b> DIFF,F,CS,OVAL,UB,NND,R=F	<b>F,S,R,*8SP</b>
<b>NGC 7321</b> 31"	<b>Peg</b> 17mmT4	<b>H237-3 Galaxy SB(r)b</b> DIFF,F,CS,OVAL,UB,NND,R=F	<b>F,S,IR,VGVLBM</b>
<b>NGC 7323</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sb</b> CF,CS,OVAL,UB,NND,R=F	<b>PF,PL,IR</b>
<b>NGC 7324</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy E</b> F,S,OVAL,NND,R=F	<b>VF,VS,NEB*</b>
<b>NGC 7328</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sab</b> F,CS,EON,NND,R=F	<b>EF,PS,LE90,VGLBM</b>
<b>NGC 7335</b> 31"	<b>Peg</b> 17mmT4	<b>H166-3 Galaxy SA(rs)0+</b> CF,CS,OVAL,UB,FNUC,R=F	<b>VF,VS</b>
<b>NGC 7336</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S</b> VF,S,OVAL,NND,AV,R=F	<b>EF,VS</b>
<b>NGC 7337</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SB(rs)b</b> F,CS,OVAL,NND,R=F	<b>EF,S,STELLAR</b>
<b>NGC 7340</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy E?</b> CF,CS,OVAL,UB,NND,R=F	<b>VF,VS</b>
<b>NGC 7342</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SBa</b> F,CS,R,NND,R=F	<b>EF,VS</b>
<b>NGC 7343</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy (R')SB(s)bc:</b> F,CS,R,NND,R=F	<b>EF,VS,R,LBM,S*INV</b>
<b>PGC 68011</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S</b> VF,S,EON,NND,R=F	
<b>PGC 68259</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sa</b> F,S,R,NND,R=F	
<b>PGC 68325</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> VF,VS,R,NND,AV,R=P	
<b>PGC 68327</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SBcd?</b> VF,CS,EON,NND,AV,R=P	

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<b>PGC 68331</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> F,VS,OVAL,NND,AV,R=F
<b>PGC 68341</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sab</b> F,S,OVAL,UB,NND,R=F
<b>PGC 68343</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S</b> VF,S,R,NND,AV,R=P
<b>PGC 68348</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sc</b> VF,VS,OVAL,NND,AV,R=P
<b>PGC 68356</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> F,VS,R,UB,NND,R=F
<b>PGC 68368</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy C</b> F,CS,R,NND,R=F
<b>PGC 68393</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> VF,VS,OVAL,NND,AV,R=F
<b>PGC 68543</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SA(s)c</b> VF,S,R,NND,AV,R=F
<b>PGC 68952</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy C</b> CF,CS,R,UB,NND,R=F
<b>PGC 69095</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SBb</b> F,S,OVAL,UB,NND,R=F
<b>PGC 69148</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S</b> F,S,OVAL,UB,NND,R=F
<b>PGC 69220</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sd:</b> VF,VS,OVAL,NND,AV,R=F
<b>PGC 69281</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sb</b> CF,CS,EL,OVAL,UB,NND,R=F
<b>PGC 69305</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S0</b> F,S,OVAL,NND,R=F
<b>PGC 69351</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S</b> VF,S,OVAL,NND,AV,R=F
<b>PGC 69360</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S0</b> F,S,OVAL,,NND,R=F
<b>PGC 69387</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy E</b> F,S,OVAL,UB,NND,R=F
<b>PGC 69402</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SB?b</b> VF,S,OVAL,NND,AV,R=F
<b>PGC 69434</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy S?</b> F,S,R,UB,NND,R=F

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**PGC 69486**      **Peg**      **Galaxy SB0/a**  
31"      17mmT4    F,CS,OVAL,UB,NND,R=F

**PGC 69493**      **Peg**      **Galaxy S0**  
31"      17mmT4    CF,CS,R,UB,NND,R=F

**PGC 69524**      **Peg**      **Galaxy S**  
31"      17mmT4    CF,CS,EON,NND,AV,R=F

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<b>IC</b>	<b>1313</b>	<b>Cap</b>	<b>Galaxy (R')SB(r)ab</b>	
	31"	17mmT4	F,S,OVAL,UB,NND,R=F	
<b>IC</b>	<b>1319</b>	<b>Cap</b>	<b>Galaxy Sb</b>	
	31"	17mmT4	VF,S,R,UB,NND,R=F	
<b>IC</b>	<b>1321</b>	<b>Cap</b>	<b>Galaxy (R')SB(r)bc</b>	
	31"	17mmT4	CF,VS,R,NND,R=F	
<b>IC</b>	<b>1324</b>	<b>Cap</b>	<b>Galaxy (R')SA(rs)0/a:</b>	
	31"	17mmT4	F,S,R,UB,NND,R=F	
<b>IC</b>	<b>1328</b>	<b>Cap</b>	<b>Galaxy S</b>	
	31"	17mmT4	EF,ES,OVAL,NND,AV,R=F	
<b>IC</b>	<b>1334</b>	<b>Cap</b>	<b>Galaxy SAa:</b>	<b>F, S</b>
	31"	17mmT4	F,S,EL,OVAL,NND,R=F	
<b>IC</b>	<b>1336</b>	<b>Cap</b>	<b>Galaxy Sa?</b>	
	31"	17mmT4	EF,ES,R,NND,AV,R=P	
<b>IC</b>	<b>1356</b>	<b>Cap</b>	<b>Galaxy S</b>	
	31"	17mmT4	F,VS,R,UB,NND,R=F	
<b>IC</b>	<b>1386</b>	<b>Cap</b>	<b>Galaxy SA0-:</b>	
	31"	17mmT4	CF,CS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>1393</b>	<b>Cap</b>	<b>Galaxy S0</b>	
	31"	17mmT4	VF,VS,OVAL,NND,R=F	
<b>IC</b>	<b>1408</b>	<b>Cap</b>	<b>Galaxy S0</b>	
	31"	17mmT4	PF,VS,EL,OVAL,UB,NND,R=F	
<b>IC</b>	<b>5122</b>	<b>Cap</b>	<b>Galaxy S0:</b>	
	31"	17mmT4	F,S,EON,NND,AV,R=P	
<b>NGC</b>	<b>6897</b>	<b>Cap</b>	<b>Galaxy Sbc</b>	<b>VF,S</b>
	31"	17mmT4	F,S,OVAL,NND,R=F	
<b>NGC</b>	<b>6898</b>	<b>Cap</b>	<b>Galaxy (R')SB(rs)a:</b>	<b>F,S,IR</b>
	31"	17mmT4	CF,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6908</b>	<b>Cap</b>	<b>Galaxy SB(s)bc</b>	<b>EF,VS,LE,6907P</b>
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6912</b>	<b>Cap</b>	<b>Galaxy SB(s)c</b>	<b>VF,2*14,15NP,*8F</b>
	31"	17mmT4	VF,S,R,NND,R=F	
<b>NGC</b>	<b>6924</b>	<b>Cap</b>	<b>Galaxy SA(s)0-:</b>	<b>VF,PS,R,SBMN</b>
	31"	17mmT4	PF,ES,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6931</b>	<b>Cap</b>	<b>Galaxy Sb pec?</b>	<b>EF,PS,E120,GBM</b>
	31"	17mmT4	PF,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6936</b>	<b>Cap</b>	<b>Galaxy SA0- sp:</b>	<b>VF,VS,R,SLBM</b>
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	

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<b>NGC 6986</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy SB0-?</b> F,S,OVAL,FNUC,R=F	<b>VF,VS,R,GLBMN</b>
<b>NGC 7016</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy E0</b> F,S,R,NND,R=F	<b>VF,ES,R,BMN,1ST OF 3</b>
<b>NGC 7017</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy S0</b> CF,S,R,UB,NND,R=F	<b>EF,VS,R,BMN,2ND OF 3</b>
<b>NGC 7018</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy E</b> VF,S,OVAL,NND,AV,R=F	<b>VF,VS,VLE,GLBM,3 OF3</b>
<b>NGC 7019</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy SB(s)b:</b> VF,VS,R,NND,AV,R=F	<b>VF,VS,R,SBMN</b>
<b>NGC 7030</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy (R')SB(r)ab pec</b> PF,S,OVAL,UB,NND,R=F	<b>VF,VS,IR,BMN</b>
<b>NGC 7035</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy SAB(s)0:</b> VF,VS,OVAL,NND,AV,R=P	<b>EF,S,IR</b>
<b>NGC 7035A</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy L</b> VF,VS,OVAL,NND,AV,R=F	
<b>NGC 7073</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy Sa/b</b> VF,S,R,NND,R=F	<b>VF,VS,IR</b>
<b>NGC 7103</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy E+1</b> CF,CS,R,UB,NND,R=F	<b>VF,VS,R,GBM,1ST OF 2</b>
<b>NGC 7104</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy E0 pec:</b> F,S,R,UB,NND,R=F	<b>VF,VS,IR,GBMN,2NDOF2</b>
<b>NGC 7131</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy (R')SA(rs)0^?</b> PF,CS,EL,OVAL,UB,NND,R=F	<b>VF,S,VLE,VGBM</b>
<b>PGC 64672</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy Sc</b> CF,ES,R,NND,AV,R=F	
<b>PGC 64907</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy IBm pec</b> EF,VS,OVAL,NND,AV,R=F	
<b>PGC 65555</b> 31"	<b>Cap</b> 17mmT4	<b>Galaxy Scd? sp</b> VF,S,OVAL,NND,R=F	

## Observations Listing by Date

## September 1, 2008 Hidden Hollow - RAS

<b>IC</b>	<b>1298</b>	<b>Aql</b>	<b>Open Cluster</b>	<b>VS CL, 6778 P 3'</b>	
	31"	17mmT4	OPEN CLUSTER?? NOTHING ELSE THERE.		
<b>IC</b>	<b>4997</b>	<b>Sge</b>	<b>Planetary Neb 1</b>		
	31"	17mmT4	PB,ES,R=F. NO CENTRAL STAR		
<b>NGC</b>	<b>6838</b>	<b>Sge</b>	<b>M71</b>	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>
	31"	17mmT4	PB,PS,USB,R=G, NICE GLOBULA		
<b>NGC</b>	<b>6842</b>	<b>Vul</b>	<b>Planetary Neb 3b</b>	<b>F,PL,VLE</b>	
	31"	17mmT4	PF,PS,R=P. NO CENTRAL STAR		
<b>NGC</b>	<b>6853</b>	<b>Vul</b>	<b>M27</b>	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBBEL</b>
	31"	17mmT4	VB,CL,R=E. NO CENTRAL STAR		
<b>NGC</b>	<b>6886</b>	<b>Sge</b>	<b>Planetary Neb 2+3</b>	<b>PLN,STELLAR=10M</b>	
	31"	17mmT4	PB,VS,R=F. NO CENTRAL STAR		
<b>NGC</b>	<b>6921</b>	<b>Vul</b>	<b>Galaxy SA(r)0/a:</b>	<b>F,S,E</b>	
	31"	17mmT4	PF,S,R,FNUC,R=F		
<b>NGC</b>	<b>7052</b>	<b>Vul</b>	<b>H145-3</b>	<b>Galaxy E</b>	<b>F,S,VLE,R</b>
	31"	17mmT4	PF,S,EL,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>7080</b>	<b>Vul</b>	<b>Galaxy SB(r)b</b>	<b>VF,S,VLE</b>	
	31"	17mmT4	PF,S,R,FNUC,R=F		
<b>PGC</b>	<b>35977</b>	<b>Leo</b>	<b>Galaxy S?</b>		
	31"	17mmT4	CF,VS,OVAL,NND,R=F		

## Observations Listing by Date

**August 31, 2008 Hidden Hollow - RAS**

<b>IC</b>	<b>1317</b>	<b>Aql</b>	<b>Galaxy E+?</b>	
	31"	17mmT4	CF,CS,R,UB,NND,R=F	
<b>IC</b>	<b>1327</b>	<b>Aql</b>	<b>Galaxy S0+?</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>2033+0659</b>	<b>Del</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,R=F	
<b>NGC</b>	<b>6772</b>	<b>Aql</b>	<b>H14-4 Planetary Neb 3b+2</b>	<b>VF,L,R,VVLBM,R</b>
	31"	17mmT4	VF,VS,R,R=P,NO CENTRAL STAR	
<b>NGC</b>	<b>6778</b>	<b>Aql</b>	<b>Planetary Neb 3+3</b>	<b>S,E,ILL-DEFINED DISC</b>
	31"	17mmT4	PB,PS,R,R=G, NO CENTRAL STAR	
<b>NGC</b>	<b>6807</b>	<b>Aql</b>	<b>Planetary Neb 2</b>	<b>PLN,STELLAR</b>
	31"	17mmT4	CF,CS,R,R=P, NO CENTRAL STAR	
<b>NGC</b>	<b>6821</b>	<b>Aql</b>	<b>Galaxy SB(s)d:</b>	<b>F,PL,R</b>
	31"	17mmT4	CF,CS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>6865</b>	<b>Aql</b>	<b>Galaxy S0</b>	<b>F,S,E</b>
	31"	17mmT4	CF,CS,R,UB,NND,R=F	
<b>NGC</b>	<b>6900</b>	<b>Aql</b>	<b>Galaxy Sb</b>	<b>VF,S,R</b>
	31"	17mmT4	DIFF,PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>6901</b>	<b>Aql</b>	<b>Galaxy SB(r)ab</b>	<b>EF</b>
	31"	17mmT4	CF,CS,OVAL,FNUC,R=G	
<b>NGC</b>	<b>6915</b>	<b>Aql</b>	<b>Galaxy (R')Sab?</b>	<b>PB,S,R</b>
	31"	17mmT4	PB,PS,EON,UB,NND,R=G	
<b>NGC</b>	<b>6922</b>	<b>Aql</b>	<b>Galaxy SA(rs)c pec:</b>	<b>VF,PL,R</b>
	31"	17mmT4	VF,CS,OVAL,NND,R=P	
<b>NGC</b>	<b>6926</b>	<b>Aql</b>	<b>H142-3 Galaxy SB(s)bc pec</b>	<b>VF,PL,E176,P OF 2</b>
	31"	17mmT4	DIFF,CF,S,OVAL,NND,R=F	
<b>NGC</b>	<b>6927</b>	<b>Del</b>	<b>Galaxy S0: sp</b>	<b>EF,LE</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F	
<b>NGC</b>	<b>6927A</b>	<b>Del</b>	<b>Galaxy E6:</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=P	
<b>NGC</b>	<b>6928</b>	<b>Del</b>	<b>Galaxy SB(s)ab</b>	<b>PB,PL,ME</b>
	31"	17mmT4	PF,PS,EON,FNUC,MSB,R=F	
<b>NGC</b>	<b>6929</b>	<b>Aql</b>	<b>Galaxy SA0+ pec:</b>	<b>VF,VS,SF OF 2</b>
	31"	17mmT4	PF,CS,R,UB,NND,R=G	
<b>NGC</b>	<b>6930</b>	<b>Del</b>	<b>Galaxy SB(s)ab? sp</b>	<b>F,ME</b>
	31"	17mmT4	DIFF,PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>6934</b>	<b>Del</b>	<b>H103-1 Globular</b>	<b>GCL,B,L,R,RRR,*16...</b>
	31"	17mmT4	PB,PS,R=G	



## Observations Listing by Date

<b>August 31, 2008</b>		<b>Hidden Hollow - RAS</b>		
<b>NGC</b>	<b>6941</b>	<b>Aql</b>	<b>Galaxy SAB(rs)b</b>	<b>EF,LE,LBM</b>
	31"	17mmT4	DIFF,PF,S,OVAL,NND,R=P	
<b>PGC</b>	<b>64553</b>	<b>Aql</b>	<b>Galaxy SB(s)d:</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=P	
<b>PGC</b>	<b>64812</b>	<b>Aql</b>	<b>Galaxy Sb</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=P	
<b>PGC</b>	<b>64854</b>	<b>Aql</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,R=F	
<b>PGC</b>	<b>64864</b>	<b>Aql</b>	<b>Galaxy SB(rs)0/a:</b>	
	31"	17mmT4	CF,CS,OVAL,NND,R=F	
<b>PGC</b>	<b>64880</b>	<b>Aql</b>	<b>Galaxy E</b>	
	31"	17mmT4	VF,VS,R,NND,R=F	
<b>PGC</b>	<b>64910</b>	<b>Aql</b>	<b>Galaxy (R')SAB(rs)bc p</b>	
	31"	17mmT4	CF,S,OVAL,NND,R=P	
<b>PGC</b>	<b>64976</b>	<b>Del</b>	<b>Galaxy</b>	
	31"	17mmT4	EF,ES,R,NND,AV,R=P	
<b>PGC</b>	<b>64995</b>	<b>Del</b>	<b>Galaxy E</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>PGC</b>	<b>64999</b>	<b>Del</b>	<b>Galaxy Sc</b>	
	31"	17mmT4	VF,VS,EON,NND,AV,R=F	
<b>PGC</b>	<b>65060</b>	<b>Del</b>	<b>Galaxy Sb</b>	
	31"	17mmT4	PF,CS,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>65099</b>	<b>Del</b>	<b>Galaxy S0</b>	
	31"	17mmT4	CF,S,OVAL,NND,R=F	
<b>PGC</b>	<b>65138</b>	<b>Del</b>	<b>Galaxy E</b>	
	31"	17mmT4	PF,VS,OVAL,UB,NND,R=F	
<b>August 3, 2008</b>		<b>Hidden Hollow - RAS</b>		
<b>NGC</b>	<b>5600</b>	<b>Boo</b>	<b>H177-2 Galaxy Sc pec</b>	<b>PB,PS,GBM</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>5614</b>	<b>Boo</b>	<b>H420-2 Galaxy SA(r)ab pec</b>	<b>PB,S,R,SMBM</b>
	8"	11mmT6	VF,VS,R,NND,AV,R=F	
<b>NGC</b>	<b>5653</b>	<b>Boo</b>	<b>H330-2 Galaxy (R')SA(rs)b</b>	<b>PF,PS,R,BM</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>5687</b>	<b>Boo</b>	<b>H808-2 Galaxy S0-?</b>	<b>PF,S,IF,RESOLVA,*10F</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>5899</b>	<b>Boo</b>	<b>H650-2 Galaxy SAB(rs)c</b>	<b>CB,PL,PME,SMBMN</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	

## Observations Listing by Date

**June 30, 2008****Hidden Hollow - RAS**

<b>NGC 6702</b> 16"	<b>Lyr</b> 17mmT4	PF,PS,R,NND,R=F	<b>Galaxy E:</b>	<b>PF,S,LE</b>
<b>NGC 6703</b> 16"	<b>Lyr</b> 17mmT4	B,PS,OVAL,NND,R=F	<b>Galaxy SA0-</b>	<b>B,S,R,MBM</b>
<b>NGC 6710</b> 16"	<b>Lyr</b> 17mmT4	PF,PS,OVAL,ND,R=F	<b>Galaxy SA0+?</b>	<b>VF,S,R,BM</b>
<b>NGC 6720</b> 16"	<b>Lyr M57</b> 17mmT4	PB,PL,R,NO CENTRAL STAR,R=G	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
<b>NGC 6765</b> 16"	<b>Lyr</b> 11mmT6	VF,PS,R,NO CENTRAL STAR,R=F	<b>Planetary Neb 5</b>	<b>F,S,E</b>
<b>NGC 6779</b> 16"	<b>Lyr M56</b> 17mmT4	PB,PL,R=G	<b>Globular</b>	<b>GCL,B,L,IR,GVMCM,RRR</b>

**April 26, 2008****Hidden Hollow - RAS**

<b>IC 700</b> 31"	<b>Leo</b> 17mmT4	VF,VS,OVAL,UB,NND,R=F	<b>Galaxy S0?</b>	
<b>IC 2759</b> 31"	<b>Leo</b> 17mmT4	PB,S,OVAL,UB,NND,R=F	<b>Galaxy S?</b>	
<b>NGC 3651</b> 31"	<b>Leo H335-3</b> 17mmT4	PB,S,OVAL,UB,NND,R=F	<b>Galaxy E</b>	<b>CF,VS,R,BM,NP OF 2</b>
<b>NGC 3653</b> 31"	<b>Leo H336-3</b> 17mmT4	PB,S,OVAL,NND,MSB,R=F	<b>Galaxy S0?</b>	<b>VF,VS,SF OF 2</b>
<b>NGC 3697</b> 31"	<b>Leo</b> 17mmT4	DIFF,PF,PL,EON,UB,NND,R=G	<b>Galaxy SABb</b>	<b>EF,VS,E90</b>
<b>PGC 34881</b> 31"	<b>Leo</b> 17mmT4	PB,S,R,UB,NND,R=F	<b>Galaxy S0?</b>	
<b>PGC 34901</b> 31"	<b>Leo</b> 17mmT4	VF,VS,R,NND,AV,R=F	<b>Galaxy Star ??</b>	
<b>PGC 34907</b> 31"	<b>Leo</b> 17mmT4	B,VS,R,UB,R=F	<b>Galaxy S?</b>	
<b>PGC 35179</b> 31"	<b>Leo</b> 17mmT4	VF,VS,EL,OVAL,NND,R=F	<b>Galaxy S</b>	
<b>PGC 35183</b> 31"	<b>Leo</b> 17mmT4	VF,VS,EL,,OVAL,NND,R=F	<b>Galaxy SB?</b>	
<b>PGC 35355</b> 31"	<b>Leo</b> 17mmT4	PF,S,OVAL,UB,NND,R=F	<b>Galaxy S?</b>	
<b>PGC 35360</b> 31"	<b>Leo</b> 17mmT4	PF,VS,EL,OVAL,UB,FNUC,R=G	<b>Galaxy S0?</b>	
<b>PGC 35381</b> 31"	<b>Leo</b> 17mmT4	VF,VS,R,NND,	<b>Galaxy S</b>	

## Observations Listing by Date

**April 9, 2008****Hidden Hollow - RAS**

<b>NGC</b>	<b>1663</b>	<b>Ori</b>	<b>H7-8</b>	<b>Open Cluster IV 2 p c</b>	<b>CL,LRI,ST L\$\$</b>
	8"	11mmT6	PF,PS,R=F		
<b>NGC</b>	<b>1762</b>	<b>Ori</b>	<b>H453-3</b>	<b>Galaxy SA(rs)c:</b>	<b>VF,VS</b>
	8"	11mmT6	PF,PS,OVAL,NND,USB,R=F		
<b>NGC</b>	<b>2252</b>	<b>Mon</b>	<b>H50-8</b>	<b>Open Cluster 9.0 III 2 m n</b>	<b>CL,VL,PRI,LC,STS</b>
	8"	11mmT6	PB,L,R=G		
<b>NGC</b>	<b>2274</b>	<b>Gem</b>	<b>H615-2</b>	<b>Galaxy E</b>	<b>F,S,BM</b>
	8"	11mmT6	PF,VS,EON,NND,LSB,AV,R=F		
<b>NGC</b>	<b>2302</b>	<b>Mon</b>	<b>H39-8</b>	<b>Open Cluster 12.0 III 2 m</b>	<b>CL,L,P,LC</b>
	8"	11mmT6	B,S,SPARSE,R=F		
<b>NGC</b>	<b>2331</b>	<b>Gem</b>	<b>H40-8</b>	<b>Open Cluster 9.0 IV 2 m</b>	<b>CL,L,VLC,S CL INV</b>
	8"	11mmT6	F,S,SCATTERED,R=F		
<b>NGC</b>	<b>2346</b>	<b>Mon</b>	<b>H65-4</b>	<b>Planetary Neb 3b+4</b>	<b>*10AFF W/ S,VF,NEB</b>
	8"	11mmT6	PF,PS,NO CENTRAL STAR,R=F		
<b>NGC</b>	<b>3611</b>	<b>Leo</b>	<b>H521-2</b>	<b>Galaxy SA(s)a pec</b>	<b>PF,CS,IR,PSMBM,*NP3'</b>
	8"	11mmT6	PF,PS,OVAL,NND,LSB,R=F		
<b>NGC</b>	<b>4124</b>	<b>Vir</b>	<b>H33-1</b>	<b>Galaxy SA(r)0+</b>	<b>PB,PL,ME118,BM,R</b>
	8"	11mmT6	PF,PS,R,NND,LSB,R=F		
<b>NGC</b>	<b>4224</b>	<b>Vir</b>	<b>H136-2</b>	<b>Galaxy SA(s)a: sp</b>	<b>PB,PS,LE,GBM,R</b>
	8"	11mmT6	PF,PS,EON,NND,LSB,R=F		
<b>NGC</b>	<b>4233</b>	<b>Vir</b>	<b>H496-2</b>	<b>Galaxy S0^</b>	<b>PF,R,VSBMSN</b>
	8"	11mmT6	PF,CS,OVAL,FNUC,LSB,R=F		
<b>NGC</b>	<b>4235</b>	<b>Vir</b>	<b>H17-2</b>	<b>Galaxy SA(s)a sp</b>	<b>PB,PL,PME,BM,P OF 2</b>
	8"	11mmT6	PF,PS,EON,UB,FNUC,R=G		
<b>NGC</b>	<b>4241</b>	<b>Vir</b>	<b>H480-3</b>	<b>Galaxy SA(s)0+:</b>	<b>VF,L,VGBM,*7S</b>
	8"	11mmT6	PF,PS,OVAL,LSB,AV,R=F		
<b>NGC</b>	<b>4260</b>	<b>Vir</b>	<b>H138-2</b>	<b>Galaxy SB(s)a</b>	<b>PB,E,PSBM</b>
	8"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>4264</b>	<b>Vir</b>	<b>H140-2</b>	<b>Galaxy SB(rs)0+</b>	<b>F,PS,R,GBM</b>
	8"	11mmT6	VF,VS,R,NND,AV,R=F		
<b>NGC</b>	<b>4267</b>	<b>Vir</b>	<b>H166-2</b>	<b>Galaxy SB(s)0-?</b>	<b>PB,VS,R,VSBMBM</b>
	8"	11mmT6	PF,PS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>4270</b>	<b>Vir</b>	<b>H568-2</b>	<b>Galaxy S0</b>	<b>PB,S,R</b>
	8"	11mmT6	PF,PS,EON,FNUC,MSB,R=G		
<b>NGC</b>	<b>4339</b>	<b>Vir</b>	<b>H143-2</b>	<b>Galaxy E0</b>	<b>B,PL,R,BM,3RD OF 3</b>
	8"	11mmT6	PF,PS,R,FNUC,MSB,R=G		
<b>NGC</b>	<b>4343</b>	<b>Vir</b>	<b>H94-3</b>	<b>Galaxy SA(rs)b:</b>	<b>PF,S,E,(D)</b>
	8"	11mmT6	PF,PS,EON,UB,NND,R=F		

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**April 9, 2008****Hidden Hollow - RAS**

<b>NGC 4691</b> 8"	<b>Vir</b> 11mmT6	<b>H182-2</b> PF,PS,R,FNUC,MSB,R=G	<b>Galaxy (R)SB(s)0/a pec</b>	<b>PB,PL,E90,MBM</b>
<b>NGC 4880</b> 8"	<b>Vir</b> 11mmT6	<b>H83-3</b> VF,CS,R,NND,LSB,AV,R=F	<b>Galaxy SA(r)0+:</b>	<b>CF,PL,R,VGLBM,R</b>
<b>NGC 4902</b> 8"	<b>Vir</b> 11mmT6	<b>H69-1</b> VF,CS,R,NND,LSB,AV,R=F	<b>Galaxy SB(r)b</b>	<b>PB,PL,IR,ST NR</b>
<b>NGC 4904</b> 8"	<b>Vir</b> 11mmT6	<b>H517-2</b> VF,CS,R,NND,AV,R=F	<b>Galaxy SB(s)cd</b>	<b>PB,PS,R,BM</b>
<b>NGC 4915</b> 8"	<b>Vir</b> 11mmT6	<b>H47-4</b> VF,VS,R,NND,AV,R=F	<b>Galaxy E0</b>	<b>PB,S,R,BM</b>
<b>NGC 4928</b> 8"	<b>Vir</b> 11mmT6	<b>H190-2</b> VF,PL,OVAL,NND,LSB,R=F	<b>Galaxy SA(s)bc pec</b>	<b>F,PS,VLE,GLBM</b>
<b>NGC 4939</b> 8"	<b>Vir</b> 11mmT6	<b>H561-2</b> DIFF,VF,PL,OVAL,NND,LSB,R=F	<b>Galaxy SA(s)bc</b>	<b>PB,L,R,GMBM</b>
<b>NGC 4941</b> 8"	<b>Vir</b> 11mmT6	<b>H40-1</b> PF,CS,EL,OVAL,UB,NND,R=F	<b>Galaxy (R)SAB(r)ab:</b>	<b>PF,L,E,GBMBN,R</b>
<b>NGC 4981</b> 8"	<b>Vir</b> 11mmT6	<b>H189-2</b> PF,CS,R,NND,LSB,R=F	<b>Galaxy SAB(r)bc</b>	<b>B,PL,R,*10SF1'</b>
<b>NGC 4984</b> 8"	<b>Vir</b> 11mmT6	<b>H301-2</b> PB,PS,OVAL,FNUC,MSB,R=G	<b>Galaxy (R)SAB(rs)0+</b>	<b>B,PL,R,PSMBM</b>
<b>NGC 4999</b> 8"	<b>Vir</b> 11mmT6	<b>H537-2</b> DIFF,VF,PS,OVAL,NND,AV,R=F	<b>Galaxy SB(r)b</b>	<b>CF,PL,R,LBM,ER</b>
<b>NGC 5018</b> 8"	<b>Vir</b> 11mmT6	<b>H746-2</b> PB,PS,OVAL,FNUC,R=G	<b>Galaxy E3:</b>	<b>CB,S,R,MBMPBN</b>
<b>NGC 5020</b> 8"	<b>Vir</b> 11mmT6	<b>H129-2</b> PF,PS,R,FNUC,LSB,R=G	<b>Galaxy SAB(rs)bc</b>	<b>CF,CL,VLE,LBM</b>
<b>NGC 5037</b> 8"	<b>Vir</b> 11mmT6	<b>H510-2</b> VF,VS,EON,NND,AV,R=F	<b>Galaxy SA(s)a:</b>	<b>CF,PS,VLE,BM</b>
<b>NGC 5044</b> 8"	<b>Vir</b> 11mmT6	<b>H511-2</b> PF,CS,R,FNUC,MSB,R=G	<b>Galaxy E0</b>	<b>PB,PL,R,BM</b>
<b>NGC 5068</b> 8"	<b>Vir</b> 11mmT6	<b>H312-2</b> DIFF,VF,PL,R,NND,AV,R=F	<b>Galaxy SAB(rs)cd</b>	<b>F,L,IR,BM</b>
<b>NGC 5077</b> 8"	<b>Vir</b> 11mmT6	<b>H193-2</b> PF,PS,OVAL,UB,FNUC,R=G	<b>Galaxy E3-4</b>	<b>PB,S,VLE,SBM,2ND OF3</b>
<b>NGC 5084</b> 8"	<b>Vir</b> 11mmT6	<b>H313-2</b> PF,PL,EON,UB,FNUC,R=G	<b>Galaxy S0 sp</b>	<b>CB,CS,VLE90,BF</b>
<b>NGC 5087</b> 8"	<b>Vir</b> 11mmT6	<b>H724-3</b> PF,PS,OVAL,FNUC,MSB,R=G	<b>Galaxy SA0:</b>	<b>CF,VS,IF</b>

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<b>NGC</b>	<b>5129</b>	<b>Vir</b>	<b>H653-2</b>	<b>Galaxy E</b>	<b>PB,VS,R,GMBM,**F</b>
	8"	11mmT6	PF,PS,R,NND,AV,R=F		
<b>NGC</b>	<b>5134</b>	<b>Vir</b>	<b>H314-2</b>	<b>Galaxy SA(s)b?</b>	<b>F,PS,LE,VGBM</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>5426</b>	<b>Vir</b>	<b>H309-2</b>	<b>Galaxy SA(s)c pec</b>	<b>PF,CL,R,GMBM,SP OF 2</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>5813</b>	<b>Vir</b>	<b>H127-1</b>	<b>Galaxy E1-2</b>	<b>B,PS,R,PSMBM</b>
	8"	11mmT6	PF,PS,OVAL,FNUC,MSB,R=G		

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<b>IC</b>	<b>761</b>	<b>Crv</b>	<b>Galaxy S0</b>	
	31"	17mmT4	B,VS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>766</b>	<b>Crv</b>	<b>Galaxy SAB(r)0+? sp</b>	
	31"	17mmT4	B,PS,EON,UB,FNUC,R=G	
<b>MAC</b>	<b>1044+1403</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,EON,NND,AV,R=F	
<b>MAC</b>	<b>1044+1406</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>1049+1616</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,PS,OVAL,NND,LSB,R=F	
<b>MAC</b>	<b>1049+1617</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1207-1408</b>	<b>Crv</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3094</b>	<b>Leo</b>	<b>Galaxy SB(s)a</b>	<b>F,BM,*9 30"SF</b>
	31"	17mmT4	B,S,OVAL,UB,HSB,R=G	
<b>NGC</b>	<b>3107</b>	<b>Leo</b>	<b>H898-2 Galaxy Sbc:</b>	<b>PF,PL,IR,*8NP 112"</b>
	31"	17mmT4	F,S,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3119</b>	<b>Leo</b>	<b>Non-Existent</b>	<b>VF</b>
	31"	17mmT4	F,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3352</b>	<b>Leo</b>	<b>Galaxy S0</b>	<b>PB,S,R,BMN</b>
	31"	17mmT4	B,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>3357</b>	<b>Leo</b>	<b>Galaxy E+:</b>	<b>F,S,MBM</b>
	31"	17mmT4	B,PS,R,FNUC,HSB,R=G	
<b>NGC</b>	<b>3362</b>	<b>Leo</b>	<b>Galaxy SABc</b>	<b>VF,PS,R,LBM,R</b>
	31"	17mmT4	F,L,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3363</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>F,PS,IR,LBM,R</b>
	31"	17mmT4	F,L,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3391</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>F,S,R,BET2* NR</b>
	31"	17mmT4	B,PS,OVAL,UB,NND,HSB,R=F	
<b>NGC</b>	<b>3399</b>	<b>Leo</b>	<b>Galaxy S0?</b>	<b>F,VS</b>
	31"	17mmT4	PB,S,R,UB,NND,HSB,R=G	
<b>NGC</b>	<b>3405</b>	<b>Leo</b>	<b>Galaxy S0</b>	<b>F,ES,ALMSTELL,S*NR</b>
	31"	17mmT4	PB,S,R,UB,NND,HSB,R=G	
<b>NGC</b>	<b>3417</b>	<b>Leo</b>	<b>Galaxy</b>	<b>EF,VS,ALM STELL</b>
	31"	17mmT4	VF,S,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3419</b>	<b>Leo</b>	<b>Galaxy (R)SAB(r)0+</b>	<b>F,VS,R,ALMSTEL,S*VNR</b>
	31"	17mmT4	PB,PS,R,BNUC,HSB,R=G	

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<b>NGC 3419A</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy SB(s)b: sp</b> PF,PS,EON,UB,NND,R=F	
<b>NGC 3425</b> 31"	<b>Leo</b> 17mmT4	<b>H108-3 Non-Existent</b> PF,PS,R,UB,NND,R=F	<b>EF,ES,R</b>
<b>NGC 3426</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S?</b> PB,PS,OVAL,BNUC,HSB,R=G	<b>PF,S,R,D*N</b>
<b>NGC 3427</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S0/a</b> B,S,EL,OVAL,FNUC,R=F	<b>NEB,NO DESCR</b>
<b>NGC 3428</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy SAB(s)b</b> B,L,EON,UB,NND,R=F	<b>VF,S,LE,GLBM</b>
<b>NGC 4027</b> 31"	<b>Crv</b> 17mmT4	<b>H296-2 Galaxy SB(s)dm</b> PB,PS,R,UB,FNUC,MSB,R=G	<b>GCL,PF,PL,R,RR,ST16</b>
<b>NGC 4027A</b> 31"	<b>Crv</b> 17mmT4	<b>Galaxy IB(s)m:</b> VF,VS,R,NND,AV,R=F	
<b>NGC 4035</b> 31"	<b>Crv</b> 17mmT4	<b>H279-3 Galaxy (R')SAB(rs)bc p</b> PF,PS,OVAL,NND,LSB,R=F	<b>EF,PL,*9M NR</b>
<b>NGC 4114</b> 31"	<b>Crv</b> 17mmT4	<b>H533-3 Galaxy (R')SAB(rs)a:</b> F,PS,OVAL,UB,NND,R=F	<b>CF,S,IR,GBM</b>
<b>NGC 4177</b> 31"	<b>Crv</b> 17mmT4	<b>H534-3 Galaxy SA(rs)c pec:</b> DIFF,F,S,OVAL,NND,LSB,R=F	<b>VF,PL,R,VGBM</b>
<b>NGC 4188</b> 31"	<b>Crv</b> 17mmT4	<b>Galaxy Sb</b> F,S,R,NND,LSB,R=F	<b>EF,PS</b>
<b>NGC 4225</b> 31"	<b>Crv</b> 17mmT4	<b>Galaxy S0/a</b> F,PS,R,UB,NND,R=G	<b>F,ES,R,*60"S</b>
<b>NGC 4265</b> 31"	<b>Crv</b> 17mmT4	<b>H535-3 Galaxy Sb</b> F,PS,EL,OVAL,NND,LSB,R=F	<b>VF,PS,R</b>
<b>PGC 29372</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy Sb</b> VF,VS,R,NND,AV,R=F	
<b>PGC 32418</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> PF,VS,R,NND,R=F	
<b>PGC 32419</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> PF,VS,OVAL,NND,AV,R=F	
<b>PGC 32572</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy DB</b> DIFF,PF,PL,OVAL,NND,LSB,R=F	
<b>PGC 38354</b> 31"	<b>Crv</b> 17mmT4	<b>Galaxy E?</b> B,VS,OVAL,UB,NND,R=F	

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**April 2, 2008****Hidden Hollow - RAS**

<b>NGC 2916</b> 8"	<b>Leo</b> 11mmT6	<b>H260-2</b> PF,PS,OVAL,NND,AV,R=F	<b>Galaxy SA(rs)b?</b>	<b>F,S,VLE</b>
<b>NGC 3379</b> 8"	<b>Leo</b> 11mmT6	<b>M105 H17-1</b> PB,PLM,R,BNUC,HSB,R=G	<b>Galaxy E1</b>	<b>VB,CL,R,PSBM,R</b>
<b>NGC 3384</b> 8"	<b>Leo</b> 11mmT6	<b>H18-1</b> PB,PL,OVAL,UB,FNUC,R=G	<b>Galaxy SB(s)0-</b>	<b>VB,L,R,PSMBM,2ND OF3</b>
<b>NGC 3389</b> 8"	<b>Leo</b> 11mmT6	<b>H41-2</b> PF,PS,OVAL,NND,R=F	<b>Galaxy SA(s)c</b>	<b>F,L,E PF,VGLBM,3RD-3</b>
<b>NGC 3818</b> 8"	<b>Vir</b> 11mmT6	<b>H284-3</b> B,S,OVAL,FNUC,R=F	<b>Galaxy E5</b>	<b>F,PS,R,PSBM</b>
<b>NGC 4116</b> 8"	<b>Vir</b> 11mmT6	<b>Galaxy SB(rs)dm</b> VF,PS,OVAL,NND,AV,R=F		<b>VF,E,SPOF2,HOOKSHAPE</b>
<b>NGC 4123</b> 8"	<b>Vir</b> 11mmT6	<b>H4-5</b> VF,L,OVAL,NND,AV,R=F	<b>Galaxy SB(r)c</b>	<b>CF,VL,E90,BMN</b>
<b>NGC 4594</b> 31"	<b>Vir</b> 40mm	<b>M104 H43-1</b> PB,PL,EON,BNUC,HISB,R=E	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>

**March 28, 2008****Home**

<b>NGC 2527</b> 1.9"	<b>Pup</b> 12x50	<b>H30-8</b> PB,PL,R=G	<b>Open Cluster II2m</b>	<b>CL,VL,PRI,LC,*10..15</b>
<b>NGC 2539</b> 1.9"	<b>Pup</b> 12x50	<b>H11-7</b> PB,PL,R=G	<b>Open Cluster 9.0 III 2 m</b>	<b>CL,VL,RI,LC,*11...13</b>
<b>NGC 2571</b> 1.9"	<b>Pup</b> 12x50	<b>H39-6</b> B,S,R=F	<b>Open Cluster 8.8 II 3 m</b>	<b>CL,VL,CRI,LC,ST9...</b>



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IC	5076	Cyg	Nebula E	
	8"	11mmT6	PF,PS,HINT OF NEBULOSITY,R=F	
NGC	1032	Cet	H5-2	Galaxy S0/a sp
	8"	11mmT6	VF,VS,R,NND,AV,R=F	PB,S,VLE,BM,3*TRAP
NGC	1035	Cet	H284-2	Galaxy SA(s)c?
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	PF,L,ME,R,*17ATT SF
NGC	1068	Cet	M77	Galaxy (R)SA(rs)b
	8"	11mmT6	PB,L,OVAL,BNUC,HISB,R=G	VB,PL,IR,SBMRRN
NGC	1073	Cet	H455-3	Galaxy SB(rs)c
	8"	11mmT6	VF,VS,R,NND,AV,R=F	VF,L,LBM,ER
NGC	1184	Cep	H704-2	Galaxy S0/a
	8"	11mmT6	VF,VS,OVAL,NND,R=F	F,PL,ME
NGC	6058	Her	H637-3	Planetary Neb 3+2
	8"	11mmT6	VF,VS,AV,R=F, NO CENTRAL STAR	PF,VS,R,STELLAR
NGC	6548	Her	H555-3	Galaxy SB0
	8"	11mmT6	DIFF,PF,PS,R,NND,R=F	CF,S,LE,R
NGC	6824	Cyg	H878-2	Galaxy SA(s)b:
	8"	11mmT6	CF,CS,R,UB,NND,R=F	PB,IF,BM
NGC	6826	Cyg	H73-4	Planetary Neb 3a+2
	8"	11mmT6	PB,PS,R,R=G, NO CENTRAL STAR	PLN,B,PL,R,*11M
NGC	6991	Cyg	H76-8	Open Cluster 5.7 III 2 n
	8"	11mmT6	PB,PL,R=G,STARS=30+, 3 ROWS?	CL,L,P,VLC
NGC	6997	Cyg	H58-8	Open Cluster III 2 m n
	8"	11mmT6	PF,PS,LOOSE GROUP, R=F	CL,P,LC,ST L
NGC	7023	Cep	H74-4	Nebula R
	8"	19mmW	PF,PS,HINT OF NEBULOSITY,R=F	*7IN EF,EL,NEBY
NGC	7082	Cyg	H52-7	Open Cluster 9.9 IV 2 p
	8"	11mmT6	PF,PS,R=F	CL,L,CRI,LC,ST10..13
NGC	7129	Cep	H75-4	Nebula IV 2 p n
	8"	19mmW	PF,CS,LOOSE CLUSTER, HINT OF NEBULOSITY,R=F	CF,PL,GBM***
NGC	7245	Lac	H29-6	Open Cluster 12.8 II 2 m
	8"	11mmT6	PF,VVS,R=P	CL,C,ST ES
NGC	7419	Cep	H43-7	Open Cluster 10.0 I 2 m
	8"	11mmT6	VF,VS,FAINT SMUDGE,R=F	CL,PRI,CC
NGC	7600	Aqr	H431-2	Galaxy S0- sp
	8"	11mmT6	PF,PS,R,NND,R=F	CF,S,R,PSMBM
NGC	7762	Cep	H55-7	Open Cluster 11.0 II 2 m
	8"	11mmT6	PF,PS,FAINT,R=F	CL,PRI,PC,*11...15

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<b>IC</b>	<b>154</b>	<b>Psc</b>	<b>Galaxy Sb</b>	
	31"	17mmT4	VF,VS,EON,NND,R=F	
<b>IC</b>	<b>156</b>	<b>Psc</b>	<b>Galaxy S?</b>	
	31"	17mmT4	PB,PS,OVAL,BNUC,R=G	
<b>IC</b>	<b>1727</b>	<b>Tri</b>	<b>Galaxy SB(s)m</b>	
	31"	17mmT4	DIFF,PF,CL,OVAL,NND,R=F	
<b>NGC</b>	<b>151</b>	<b>Cet</b>	<b>H478-2 Galaxy SBbc</b>	<b>PF,PL,LE90,VGLBM</b>
	31"	17mmT4	PB,PL,OVAL,FNUC,HSB,R=G	
<b>NGC</b>	<b>198</b>	<b>Psc</b>	<b>H857-2 Galaxy SA(r)c</b>	<b>F,S,VGBM</b>
	31"	17mmT4	PB,PL,R,NND,UB,R=F	
<b>NGC</b>	<b>200</b>	<b>Psc</b>	<b>H858-2 Galaxy SB(s)bc</b>	<b>PB,S,VGBM</b>
	31"	17mmT4	PB,PL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>206</b>	<b>And</b>	<b>H36-5 Knot in Galaxy</b>	<b>VF,VL,ME0</b>
	31"	17mmT4	DIFF,PF,CL,R=F,IRREGULAR SHAPE.	
<b>NGC</b>	<b>217</b>	<b>Cet</b>	<b>H480-2 Galaxy S0/a: sp</b>	<b>F,S,LE90,GLBM</b>
	31"	17mmT4	PB,PS,EON,FNUC,R=G	
<b>NGC</b>	<b>337</b>	<b>Cet</b>	<b>H433-2 Galaxy SB(s)d</b>	<b>PF,L,E,GLBM,*10F21S</b>
	31"	17mmT4	PB,PL,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>337A</b>	<b>Cet</b>	<b>Galaxy SAB(s)dm</b>	
	31"	17mmT4	DIFF,PF,CL,OVAL,NND,R=F	
<b>NGC</b>	<b>355</b>	<b>Cet</b>	<b>Galaxy SB0^ pec:</b>	<b>EF,VS</b>
	31"	17mmT4	PF,PS,EON,NND,AV,R=F	
<b>NGC</b>	<b>357</b>	<b>Cet</b>	<b>H434-2 Galaxy SB(r)0/a:</b>	<b>F,S,IR,SBM,*14NF20"</b>
	31"	17mmT4	PB,PS,OVAL,BNUC,R=G	
<b>NGC</b>	<b>428</b>	<b>Cet</b>	<b>H622-2 Galaxy SAB(s)m</b>	<b>F,L,R,BM,ER</b>
	31"	17mmT4	PB,PL,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>495</b>	<b>Psc</b>	<b>H156-3 Galaxy (R')SB(s)0/a p:</b>	<b>VF,S,1ST OF3</b>
	31"	17mmT4	PB,S,OVAL,BNUC,R=F	
<b>NGC</b>	<b>496</b>	<b>Psc</b>	<b>H157-3 Galaxy Sbc</b>	<b>VF,VS,2ND OF 3</b>
	31"	17mmT4	PF,PL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>499</b>	<b>Psc</b>	<b>H158-3 Galaxy S0-</b>	<b>PB,PL,R,3RD OF 3</b>
	31"	17mmT4	PB,PL,OVAL,BNUC,HSB,R=G	
<b>NGC</b>	<b>513</b>	<b>And</b>	<b>H169-3 Galaxy S?</b>	<b>F,S,STELLAR</b>
	31"	17mmT4	PB,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>604</b>	<b>Tri</b>	<b>H150-3 Knot in Galaxy</b>	<b>B,VS,R,VVLBM</b>
	31"	17mmT4	VB,PS,COMPACT RECTANGULAR,R=G	
<b>NGC</b>	<b>636</b>	<b>Cet</b>	<b>H283-2 Galaxy E3</b>	<b>PB,VS,R,MBM,R</b>
	31"	17mmT4	PB,PS,OVAL,BNUC,R=G	

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<b>NGC 665</b> 31"	<b>Psc</b> 17mmT4	<b>H588-2</b> PB,PL,OVAL,BNUC,R=G	<b>Galaxy (R)S0^?</b>	<b>F,S,LE,BM,R</b>
<b>NGC 665</b> 31"	<b>Psc</b> 17mmT4	<b>H588-2</b> PB,PL,OVAL,BNUC,R=G	<b>Galaxy (R)S0^?</b>	<b>F,S,LE,BM,R</b>
<b>NGC 672</b> 31"	<b>Tri</b> 17mmT4	<b>H157-1</b> PB,CL,EON,UB,NND,R=G	<b>Galaxy SB(s)cd</b>	<b>F,PL ,ME80</b>
<b>NGC 706</b> 31"	<b>Psc</b> 17mmT4	<b>H596-2</b> PF,PL,OVAL,UB,NND,R=F	<b>Galaxy Sbc?</b>	<b>F,S,BM,*13N1'</b>
<b>NGC 890</b> 31"	<b>Tri</b> 17mmT4	<b>H225-2</b> PB,PS,OVAL,BNUC,HSB,R=G	<b>Galaxy SAB(r)0-?</b>	<b>B,S,R,BM,3F*SP</b>
<b>NGC 925</b> 31"	<b>Tri</b> 17mmT4	<b>H177-3</b> DIFF,B,PL,OVAL,NND,R=F	<b>Galaxy SAB(s)d</b>	<b>CF,CL,E,VGBM,2*13NP</b>
<b>NGC 1060</b> 31"	<b>Tri</b> 17mmT4	<b>H162-3</b> PB,PL,OVAL,FNUC,R=F	<b>Galaxy S0-:</b>	<b>F,PL,R,LBM,*F46S,3'S</b>
<b>NGC 7814</b> 31"	<b>Peg</b> 17mmT4	<b>H240-2</b> PB,PL,EL,OVAL,UB,NND,R=G	<b>Galaxy SA(s)ab: sp</b>	<b>CB,CL,E,VGBM</b>
<b>NGC 7832</b> 31"	<b>Psc</b> 17mmT4	<b>H190-3</b> PB,L,OVA,,NND,R=F	<b>Galaxy E+</b>	<b>VF,VS,R,VGPSMBM,2*SF</b>
<b>PGC 356</b> 31"	<b>Psc</b> 17mmT4		<b>Galaxy Sb</b>	
		VF,PS,OVAL.MNND,AV,R=F		
<b>PGC 6425</b> 31"	<b>Psc</b> 17mmT4		<b>Galaxy S IV-V</b>	
		VF,VS,OVAL,NND,AV,R=F		

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**November 4, 2007 Hidden Hollow - RAS**

<b>MEL</b>	<b>25</b>	<b>Tau</b>		<b>Open Cluster</b>	
	1.9"	12x50	VB,VL,SCATTERED,R=G		
<b>NGC</b>	<b>253</b>	<b>Sci</b>	<b>H1-5</b>	<b>Galaxy SAB(s)c</b>	<b>VVB,VVL,VME54,GBM</b>
	1.9"	12x50	PB,PL,EL,OVAL,UB,ND,R=G		
<b>NGC</b>	<b>1582</b>	<b>Per</b>	<b>H70-8</b>	<b>Open Cluster 9.0 IV 2 p</b>	<b>CL,VL,PRI,LC,ST L</b>
	1.9"	12x50	PB,PL,LOOSE,R=F		
<b>NGC</b>	<b>1647</b>	<b>Tau</b>	<b>H8-8</b>	<b>Open Cluster 9.0 II 2 r</b>	<b>CL,VL,ST L,SC</b>
	1.9"	12x50	PB,PL,R=G		
<b>NGC</b>	<b>1662</b>	<b>Ori</b>	<b>H1-7</b>	<b>Open Cluster 9.0 II 3 m</b>	<b>CL OF L\$\$ SC ST</b>
	1.9"	12x50	B,S,STARS 12+,R=F		
<b>NGC</b>	<b>1746</b>	<b>Tau</b>		<b>Open Cluster 8.0 III 2 p</b>	<b>CL,P</b>
	1.9"	12x50	PB,PL,R=F		
<b>NGC</b>	<b>1807</b>	<b>Tau</b>		<b>Open Cluster 9.0 II 2 p</b>	<b>CL,PRI,ST L\$\$</b>
	1.9"	12x50	B,S,PAIR W/NGC 1817,R=F		
<b>NGC</b>	<b>1817</b>	<b>Tau</b>	<b>H4-7</b>	<b>Open Cluster 9.0 IV 2 r</b>	<b>CL,L,RI,LC,ST11...14</b>
	1.9"	12x50	B,S,PAIR W/NGC 1807,R=F		
<b>NGC</b>	<b>1981</b>	<b>Ori</b>		<b>Open Cluster 10.0 III 3 p n</b>	<b>CL,VB,LRI,ST L,SC</b>
	1.9"	12x50	PB,L,STARS 10+,R=F		
<b>NGC</b>	<b>2169</b>	<b>Ori</b>	<b>H24-8</b>	<b>Open Cluster 6.9 III 3 m</b>	<b>CL,S,LRI,PMC,**</b>
	1.9"	12x50	PF,S,R=F		
<b>NGC</b>	<b>2251</b>	<b>Mon</b>	<b>H3-8</b>	<b>Open Cluster 9.1 III 2 m</b>	<b>CL,VL,E,RI,LC</b>
	1.9"	12x50	F,S,R=F		

**October 30, 2007 Home**

<b>CR</b>	<b>39</b>	<b>Per</b>		<b>Open Cluster III3m</b>	
	1.9"	12x50	PB,EL,R=G, MASSIVE CLUSTER		
<b>NGC</b>	<b>6738</b>	<b>Aql</b>		<b>Open Cluster IV 2 p</b>	<b>CL,P,LC</b>
	1.9"	12x50	B,S,LOOSE GROUPD,R=F		
<b>NGC</b>	<b>6755</b>	<b>Aql</b>	<b>H19-7</b>	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,VL,VRI,PC,,*12.14</b>
	1.9"	12x50	B,S,R=F		
<b>NGC</b>	<b>6811</b>	<b>Cyg</b>		<b>Open Cluster 11.0 III 1 r</b>	<b>CL,L,PRI,LC,ST11..14</b>
	1.9"	12x50	F,PS,R=F		
<b>NGC</b>	<b>6871</b>	<b>Cyg</b>		<b>Open Cluster 6.8 II 2 p n</b>	<b>CL,ST L\$\$,D*INV</b>
	1.9"	12x50	B,S,R=F		
<b>NGC</b>	<b>6883</b>	<b>Cyg</b>		<b>Open Cluster IV 2 m n</b>	<b>CL,PRI,**INV</b>
	1.9"	12x50	PB,S,R=F		

## Observations Listing by Date

<b>October 9, 2007</b>		<b>Hidden Hollow - RAS</b>			
<b>IC</b>	<b>8</b>	<b>Psc</b>		<b>Galaxy Sc</b>	
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
<b>IC</b>	<b>1495</b>	<b>Aqr</b>		<b>Galaxy Sb</b>	
	8"	11mmT6	PF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>63</b>	<b>Psc</b>		<b>Galaxy S pec</b>	<b>PF,S,R,SBM</b>
	8"	11mmT6	PF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>125</b>	<b>Psc</b>	<b>H869-3</b>	<b>Galaxy (R)SA0+ pec:</b>	<b>VF,S,BM,D*SP</b>
	8"	11mmT6	PF,PS,R,NND,R=F		
<b>NGC</b>	<b>128</b>	<b>Psc</b>	<b>H854-2</b>	<b>Galaxy S0 pec sp</b>	<b>PB,PS,LE2,BM</b>
	8"	11mmT6	PB,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	8"	19mmW	VB,VL,OVAL,BNUC,VHISB,R=E		
<b>NGC</b>	<b>266</b>	<b>Psc</b>	<b>H153-3</b>	<b>Galaxy SB(rs)ab</b>	<b>PB,PS,LE,PSBM,*8SF4'</b>
	8"	11mmT6	VF,PS,R,NND,AV,R=F		
<b>NGC</b>	<b>288</b>	<b>ScI</b>	<b>H20-6</b>	<b>Globular</b>	<b>GCL,B,L,LE,*12...16</b>
	8"	11mmT6	PB,PL,SMUDGE, RESOLVED NO STARS,R=G		
<b>NGC</b>	<b>315</b>	<b>Psc</b>	<b>H210-2</b>	<b>Galaxy E+:</b>	<b>PB,PL,R,GBM,*9NF3'</b>
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>410</b>	<b>Psc</b>	<b>H220-2</b>	<b>Galaxy E+:</b>	<b>PB,PL,NF OF 2</b>
	8"	11mmT6	CF,CS,OVAL,NND,R=F		
<b>NGC</b>	<b>467</b>	<b>Psc</b>	<b>H108-1</b>	<b>Galaxy SA(s)0^ pec?</b>	<b>PB,PL,R,GBM</b>
	8"	11mmT6	PF,VS,R,NND,R=F		
<b>NGC</b>	<b>470</b>	<b>Psc</b>	<b>H250-3</b>	<b>Galaxy SA(rs)b</b>	<b>PB,L,IR</b>
	8"	11mmT6	PB,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>474</b>	<b>Psc</b>	<b>H251-3</b>	<b>Galaxy SA(s)0^</b>	<b>PB,S,SMBM,F OF 2</b>
	8"	11mmT6	PF,PL,R,NND,R=F		
<b>NGC</b>	<b>514</b>	<b>Psc</b>	<b>H252-2</b>	<b>Galaxy SAB(rs)c</b>	<b>F,L,LE,VGLBM,**F</b>
	8"	11mmT6	DIF,PF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>520</b>	<b>Psc</b>	<b>H253-3</b>	<b>Galaxy Pec</b>	<b>F,CL,E137</b>
	8"	11mmT6	PB,PL,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>613</b>	<b>ScI</b>	<b>H281-1</b>	<b>Galaxy SB(rs)bc</b>	<b>VB,VL,VME118,SBM,*NF</b>
	8"	11mmT6	PB,PL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>660</b>	<b>Psc</b>	<b>H253-2</b>	<b>Galaxy SB(s)a pec</b>	<b>PB,PL,E,BM,R</b>
	8"	11mmT6	PF,PL,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>676</b>	<b>Psc</b>	<b>H42-4</b>	<b>Galaxy S0/a: sp</b>	<b>VF,E161,SBM*9</b>
	8"	11mmT6	PF,PS,EON,NND,AV,R=F		
<b>NGC</b>	<b>718</b>	<b>Psc</b>	<b>H270-2</b>	<b>Galaxy SAB(s)a</b>	<b>PB,S,IR,PSMBM</b>
	8"	11mmT6	PF,PS,R,UB,NND,R=F		

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<b>October 9, 2007</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>741</b>	<b>Psc</b>	<b>H271-2</b>	<b>Galaxy E0:</b>	<b>PF,S,R,POF2,POS102</b>
	8"	11mmT6	PF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>744</b>	<b>Per</b>		<b>Open Cluster 10.0 III 1 p</b>	<b>CL,PL,PRI,IF,*11..13</b>
	8"	11mmT6	PF,PL,TIGHTER GROUP, R=F		
<b>NGC</b>	<b>957</b>	<b>Per</b>		<b>Open Cluster 11.0 III 2 m</b>	<b>CL,PL,PRI,*13...15</b>
	8"	11mmT6	PF,PS,TIGHTER GROUP, R=F		
<b>NGC</b>	<b>1193</b>	<b>Per</b>	<b>H608-2</b>	<b>Open Cluster 14.0 I 2 m</b>	<b>F,CL,ER</b>
	8"	11mmT6	PF,PS,LOOSE GROUP, R=F		
<b>NGC</b>	<b>1220</b>	<b>Per</b>		<b>Open Cluster 13.0 I 1 p</b>	<b>CL,VS,STVF</b>
	8"	11mmT6	PF,PS,LOOSE GROUP, R=F		
<b>NGC</b>	<b>7341</b>	<b>Aqr</b>		<b>Galaxy SAB(r)ab:</b>	<b>PF,PS,E,LBM</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>7359</b>	<b>Aqr</b>		<b>Galaxy S0^: sp</b>	<b>PF,VS,PME,BMN</b>
	8"	11mmT6	VF,VS,EL,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>7392</b>	<b>Aqr</b>	<b>H702-2</b>	<b>Galaxy SA(s)bc</b>	<b>PB,PS,LE120,MBM</b>
	8"	11mmT6	VF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>7537</b>	<b>Psc</b>	<b>H429-2</b>	<b>Galaxy SAbc:</b>	<b>VF,CS,R,BM,SP OF 2</b>
	8"	11mmT6	PF,PS,EON,NND,R=F		
<b>NGC</b>	<b>7541</b>	<b>Psc</b>	<b>H430-2</b>	<b>Galaxy SB(rs)bc: pec</b>	<b>B,L,ME97,MBM,NF OF 2</b>
	8"	11mmT6	PB,PS,EON,UB,NND,R=F		
<b>NGC</b>	<b>7562</b>	<b>Psc</b>	<b>H467-2</b>	<b>Galaxy E2-3</b>	<b>CB,PS,IR,PSBM</b>
	8"	11mmT6	PB,PS,OVAL,FNUC,R=F		
<b>NGC</b>	<b>7679</b>	<b>Psc</b>		<b>Galaxy SB0 pec:</b>	<b>PB,S,R,MBMN,STELL</b>
	8"	11mmT6	VF,VS,R,NND,AV,R=F		
<b>NGC</b>	<b>7716</b>	<b>Psc</b>		<b>Galaxy SAB(r)b:</b>	<b>F,PL,LE,GBM,*10S</b>
	8"	11mmT6	CF,PS,R,ND,AV,R=F		
<b>NGC</b>	<b>7785</b>	<b>Psc</b>	<b>H468-2</b>	<b>Galaxy E5-6</b>	<b>PB,PS,IR,PSBM,R,*8P</b>
	8"	11mmT6	CF,PS,OVAL,UB,NND,R=F		

## Observations Listing by Date

**September 13, 2007 Hidden Hollow - RAS**

<b>MAC</b>	<b>2116-0046</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,ES,R,NND,AV,R=F	
<b>MAC</b>	<b>2131+0230</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,CS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>2144-0632</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>2153+0008</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>2159-1630</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,ES,R,NND,AV,R=F	
<b>NGC</b>	<b>6945</b>	<b>Aqr</b>	<b>Galaxy S0-</b>	<b>PF,VS,R,MBM</b>
	31"	17mmT4	PB,PL,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>6959</b>	<b>Aqr</b>	<b>Galaxy (R)S0^ pec:</b>	<b>VF</b>
	31"	17mmT4	PB,PS,EON,UB,FNUC,R=G	
<b>NGC</b>	<b>6961</b>	<b>Aqr</b>	<b>Galaxy E+ pec?</b>	<b>EF,VS</b>
	31"	17mmT4	CF,CS,R,NND,R=F	
<b>NGC</b>	<b>6962</b>	<b>Aqr</b>	<b>H426-2 Galaxy SAB(r)ab</b>	<b>CF,S,R,BM</b>
	31"	17mmT4	CB,CL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>6963</b>	<b>Aqr</b>	<b>Galaxy S0^:</b>	<b>NEB*13M</b>
	31"	17mmT4	PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>6964</b>	<b>Aqr</b>	<b>H427-2 Galaxy E+ pec:</b>	<b>F,VS,R,BM,*14SF1/2'</b>
	31"	17mmT4	CB,CL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>6967</b>	<b>Aqr</b>	<b>Galaxy SB(rs)0+?</b>	<b>EF,VS,*10F50"</b>
	31"	17mmT4	CB,PL,EL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>6968</b>	<b>Aqr</b>	<b>Galaxy SA0- pec?</b>	<b>F,S,R,GBM,F*INV</b>
	31"	17mmT4	PB,PS,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>6975</b>	<b>Aqr</b>	<b>Galaxy S?</b>	<b>VF,S,(=6976)</b>
	31"	17mmT4	CF,PL,EON,NND,R=F	
<b>NGC</b>	<b>6976</b>	<b>Aqr</b>	<b>Galaxy SAB(r)bc?</b>	<b>EF,IR</b>
	31"	17mmT4	PF,PL,R,NND,R=F	
<b>NGC</b>	<b>6977</b>	<b>Aqr</b>	<b>Galaxy SB(r)a pec:</b>	<b>VF,S,IR</b>
	31"	17mmT4	PB,PL,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>6978</b>	<b>Aqr</b>	<b>Galaxy Sb</b>	<b>VF</b>
	31"	17mmT4	CB,PL,EON,FNUC,MSB,R=G	
<b>NGC</b>	<b>7001</b>	<b>Aqr</b>	<b>Galaxy SAB(rs)ab:</b>	<b>EF,S,E0</b>
	31"	17mmT4	PF,PL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7010</b>	<b>Aqr</b>	<b>Galaxy E+ pec:</b>	<b>EF,PL,R,R</b>
	31"	17mmT4	PB,PL,EL,OVAL,FNUC,R=G	

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## September 13, 2007 Hidden Hollow - RAS

NGC	7047	Aqr		Galaxy SAB(r)b:	EF,VS,BIN PF
	31"	17mmT4	PB,PL,EL,OVAL,UB,FNUC,R=G		
NGC	7051	Aqr		Galaxy SB(r)a pec	VF,R,GBM,**NR
	31"	17mmT4	PB,PL,OVAL,FNUC,MSB,R=G		
NGC	7065	Aqr		Galaxy SB(r)ab?	VF,SBM,
	31"	17mmT4	CF,PS,R,NND,AV,R=F		
NGC	7065A	Aqr		Galaxy SAB(r)c pec?	
	31"	17mmT4	PF,PL,R,PATCHY,NND,R=F		
NGC	7066	Peg		Galaxy S?	EEF,CLOSE SF OF 3F*
	31"	17mmT4	PB,PS,R,BNUC,HISB,R=G		
NGC	7069	Aqr		Galaxy SAB(s)0-?	VF,S,R,STELL
	31"	17mmT4	PB,PS,OVAL,UB,FNUC,R=G		
NGC	7077	Aqr		Galaxy S0- pec?	F
	31"	17mmT4	PB,PS,OVAL,FNUC,MSB,R=G		
NGC	7081	Aqr	H859-3	Galaxy Sb pec?	F,S,R,MBM,*14S
	31"	17mmT4	PB,PL,R,UB,NND,R=G		
NGC	7120	Aqr		Galaxy Sb	VF,S,VLE
	31"	17mmT4	PF,PS,EL,OVAL,UB,NND,R=F		
NGC	7121	Aqr		Galaxy SB(r)bc?	VF,VS,R,VLBM
	31"	17mmT4	PB,PS,OVAL,UB,NND,R=F		
NGC	7164	Aqr		Galaxy SAB(rs)0+ pec:	EF,R,4VF ST N
	31"	17mmT4	CF,PS,OVAL,NND,R=F		
NGC	7165	Aqr	H930-3	Galaxy SB(r)ab	EF
	31"	17mmT4	PB,PS,R,UB,NND,R=F		
NGC	7167	Aqr		Galaxy SB(s)c:	F,PS,R,VGLBM,*10F
	31"	17mmT4	VF,PL,R,NND,AV,R=F		
NGC	7170	Aqr		Galaxy SA0-?	VF,PS,IR,BMN,D*P36S
	31"	17mmT4	PB,PS,OVAL,FNUC,MSB,R=G		
NGC	7180	Aqr	H693-3	Galaxy S0^?	VF,S,R,LBM,P OF 2
	31"	17mmT4	PB,PS,EL,OVAL,FNUC,MSB,R=G		
NGC	7181	Aqr		Galaxy S0^ pec:	EF,VS,STELLAR
	31"	17mmT4	PF,PS,R,UB,NND,R=F		
NGC	7182	Aqr		Galaxy SB(rs)0+:	EF,VS,STELLAR
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F		
NGC	7183	Aqr	H595-2	Galaxy S0+ pec sp	VF,PL,E90,LBM
	31"	17mmT4	PB,PL,EON,UB,FNUC,R=G		
NGC	7184	Aqr	H1-2	Galaxy SB(r)c	PB,PL,ME64,BET3*,ER
	31"	17mmT4	PB,CL,EON,FNUC,HISB,R=G		



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**September 13, 2007 Hidden Hollow - RAS**

<b>NGC</b>	<b>7185</b>	<b>Aqr</b>	<b>Galaxy SAB(rs)0- pec?</b>	<b>VF,PL,IR,VGLBM,F OF2</b>
	31"	17mmT4	PB,PL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>7188</b>	<b>Aqr</b>	<b>Galaxy (R')SB(rs)bc</b>	<b>EF,PS,E,LBM</b>
	31"	17mmT4	PF,PL,EL,OVAL,NND,R=G	
<b>NGC</b>	<b>7189</b>	<b>Aqr</b>	<b>Galaxy SB(rs)b pec:</b>	<b>F,S,LE</b>
	31"	17mmT4	PB,PS,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>7198</b>	<b>Aqr</b>	<b>Galaxy S0 pec</b>	<b>EF,VS,STELLAR</b>
	31"	17mmT4	PB,PS,OVAL,BNUC,HISB,R=G	
<b>NGC</b>	<b>7211</b>	<b>Aqr</b>	<b>Galaxy S0</b>	<b>EF,S,STELLAR</b>
	31"	17mmT4	PB,PS,OVAL,BNC,HISB,R=G	
<b>NGC</b>	<b>7215</b>	<b>Aqr</b>	<b>Galaxy S0^?</b>	<b>VF,S,E</b>
	31"	17mmT4	PF,PS,EL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7218</b>	<b>Aqr</b>	<b>H897-2 Galaxy SB(rs)cd</b>	<b>PB,LE,R</b>
	31"	17mmT4	PF,PL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7220</b>	<b>Aqr</b>	<b>Galaxy SAB(s)0^:</b>	<b>EF,VS,VLE,GBM,*10N3'</b>
	31"	17mmT4	PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>7222</b>	<b>Aqr</b>	<b>Galaxy SB(r)b</b>	<b>VF,S</b>
	31"	17mmT4	PF,PL,R,UB,NND,R=F	
<b>NGC</b>	<b>7260</b>	<b>Aqr</b>	<b>Galaxy</b>	<b>EF,PS,IR</b>
	31"	17mmT4	PF,PL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7266</b>	<b>Aqr</b>	<b>Galaxy Sa</b>	<b>F,VS,R,ALM STELLAR</b>
	31"	17mmT4	PB,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>7288</b>	<b>Aqr</b>	<b>Galaxy S0/a pec sp</b>	<b>VF,ES,STELLAR</b>
	31"	17mmT4	PB,PL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>7344</b>	<b>Aqr</b>	<b>Galaxy (R')SB(r)ab</b>	<b>PF,VS,R</b>
	31"	17mmT4	PF,PS,EL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>7351</b>	<b>Aqr</b>	<b>Galaxy SAB0^:</b>	<b>PF,PS,R,BM,R</b>
	31"	17mmT4	PB,PS,EL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>7364</b>	<b>Aqr</b>	<b>H442-2 Galaxy S0/a pec:</b>	<b>F,S,R,PSBM</b>
	31"	17mmT4	PB,PS,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>7391</b>	<b>Aqr</b>	<b>H443-2 Galaxy E:</b>	<b>CF,CS,R,SBM*13,*NP</b>
	31"	17mmT4	PB,PL,OVAL,FNUC,HISB,R=G	
<b>NGC</b>	<b>7393</b>	<b>Aqr</b>	<b>H453-2 Galaxy SB(rs)c pec</b>	<b>VF,PL,LE,VGBM,R</b>
	31"	17mmT4	PF,PS,EON,UB,NND,R=F	
<b>PGC</b>	<b>65444</b>	<b>Aqr</b>	<b>Galaxy SBab</b>	
	31"	17mmT4	PF,PS,EON,UB,NND,R=F	
<b>PGC</b>	<b>66904</b>	<b>Aqr</b>	<b>Galaxy SAB(s)bc pec?</b>	
	31"	17mmT4	CF,PL,R,NND,AV,R=F	

## Observations Listing by Date

**September 13, 2007 Hidden Hollow - RAS**

**PGC 67282 Aqr Galaxy Scd: sp**  
31" 17mmT4 VF,PS,EON,NND,AV,R=F

**PGC 68229 Aqr Galaxy S**  
31" 17mmT4 PF,PS,R,NND,AV,R=F

**PGC 68240 Aqr Galaxy**  
31" 17mmT4 PF,PS,R,NND,R=F

**September 11, 2007 Hidden Hollow - RAS**

**MAC 2221+3632 Lac Galaxy**  
31" 17mmT4 VF,ES,R,NND,AV,R=F

**MAC 2221+3635 Lac Galaxy**  
31" 17mmT4 VF,VS,R,NND,AV,R=F

**MAC 2223+3611 Lac Galaxy**  
31" 17mmT4 VF,ES,R,NND,V,R=F

**PGC 68482 Lac Galaxy SAB(s)bc**  
31" 17mmT4 B,FL,EON,UB,NND,MSB,R=G

**PGC 68623 Lac Galaxy Sa**  
31" 17mmT4 PF,PS,OVAL,UB,NND,R=F

**PGC 68675 Lac Galaxy S?**  
31" 17mmT4 VF,PS,OVAL,NND,AV,R=F

**PGC 68706 Lac Galaxy**  
31" 17mmT4 VF,PS,NND,R=F

**PGC 68713 Lac Galaxy Sb**  
31" 17mmT4 PF,PS,OVAL,UB,NND,R=F

**PGC 68715 Lac Galaxy S**  
31" 17mmT4 PF,PS,EON,UB,R=F

**PGC 69457 Peg Galaxy Sab**  
31" 12mmT4 PF,PS,OVAL,UB,NND,R=F,HINT OF HALO?

## Observations Listing by Date

**September 5, 2007 Hidden Hollow - RAS**

<b>IC</b>	<b>59</b>	<b>Cas</b>		<b>Nebula E+R</b>	
	8"	11mmT6	PF,L,R=F		
<b>IC</b>	<b>63</b>	<b>Cas</b>		<b>Nebula E+R</b>	
	8"	11mmT6	PF,PS,R=P		
<b>IC</b>	<b>166</b>	<b>Cas</b>		<b>Open Cluster 17.0 II 1 r</b>	
	8"	11mmT6	B,S,LOOSE GROUPD,R=F		
<b>IC</b>	<b>1283</b>	<b>Sgr</b>		<b>Nebula E+R</b>	
	8"	11mmT6	F,PL,R=F		
<b>IC</b>	<b>1795</b>	<b>Cas</b>		<b>Non-Existent</b>	
	8"	11mmT6	PF,PL,DIM,R=F		
<b>IC</b>	<b>1848</b>	<b>Cas</b>		<b>Open Cluster 7.1 I 3 p n</b>	
	8"	11mmT6	B,L,FEW STARS,R=F		
<b>IC</b>	<b>1871</b>	<b>Cas</b>		<b>Nebula E</b>	
	8"	11mmT6	PF,PS,R=F		
<b>IC</b>	<b>4673</b>	<b>Sgr</b>		<b>Planetary Neb 4</b>	
	8"	11mmT6	VF,VS,NO CENTRAL STAR,R=F		
<b>IC</b>	<b>4732</b>	<b>Sgr</b>		<b>Planetary Neb 1</b>	
	8"	11mmT6	VF,ES,AV,NO CENTRAL STAR,R=F		
<b>IC</b>	<b>5078</b>	<b>Cap</b>		<b>Galaxy SA(s)c:</b>	
	8"	11mmT6	VF,VS,NND,AV,R=F		
<b>NGC</b>	<b>103</b>	<b>Cas</b>		<b>Open Cluster 11.0 II 1 m</b>	<b>CL,PS,PC,*11...18</b>
	8"	11mmT6	F,S,SCATTERED STARS,R=F		
<b>NGC</b>	<b>133</b>	<b>Cas</b>		<b>Open Cluster IV 1 p</b>	<b>CL,PL,*10...,D*INV</b>
	8"	11mmT6	B,S,R=F		
<b>NGC</b>	<b>146</b>	<b>Cas</b>		<b>Open Cluster 11.6 II 2 p</b>	<b>CL,PL,LC,*11-12,D*</b>
	8"	11mmT6	B,S,R=F		
<b>NGC</b>	<b>189</b>	<b>Cas</b>		<b>Open Cluster 11.0 III 1 p</b>	<b>CL,PL,R,*11...15</b>
	8"	11mmT6	F,S,R=F		
<b>NGC</b>	<b>609</b>	<b>Cas</b>		<b>Open Cluster 14.0 II 3 r</b>	<b>CL,S,PRI,*14...</b>
	8"	11mmT6	F,S,SCATTERED STARS,R=F		
<b>NGC</b>	<b>5921</b>	<b>Ser</b>	<b>H148-1</b>	<b>Galaxy SB(r)bc</b>	<b>CB,CL,IR,VSBM*12,AM*</b>
	8"	11mmT6	PF,PL,OVAL,NND,R=F		
<b>NGC</b>	<b>5936</b>	<b>Ser</b>	<b>H130-2</b>	<b>Galaxy SB(rs)b</b>	<b>F,PL,IR,VGBM,R</b>
	8"	11mmT6	PF,VS,R,NND,AV,R=F		
<b>NGC</b>	<b>5962</b>	<b>Ser</b>	<b>H96-2</b>	<b>Galaxy SA(r)c</b>	<b>PF,PL,ILE,GBM</b>
	8"	11mmT6	PF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>5970</b>	<b>Ser</b>	<b>H76-2</b>	<b>Galaxy SB(r)c</b>	<b>PF,PL,R,RR</b>
	8"	11mmT6	PF,PS,OVAL,NND,AV,R=F		

## Observations Listing by Date

## September 5, 2007 Hidden Hollow - RAS

NGC	6070	Ser	H553-3	Galaxy SA(s)cd	F,L,PME,VGBM,R
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
NGC	6530	Sgr		Open Cluster 6.0 II 2 m n	CL,B,L,PRI,FM8
	8"	11mmT6	PB,PL,SOME NEBULOSITY,R=F		
NGC	6567	Sgr		Planetary Neb 2a+3	PLN,STELL,11M,IN ACL
	8"	11mmT6	VF,PS,NO CENTRAL STAR,R=F		
NGC	6595	Sgr		Nebula III 3 m n	F,PL,CE,**INV
	8"	11mmT6	B,PS,R=F		
NGC	6604	Ser	H15-8	Open Cluster 7.5 I 3 m n	CL,LRI,LC
	8"	11mmT6	F,S,R=F		
NGC	6644	Sgr		Planetary Neb 2	PLN,STELLAR
	8"	11mmT6	VF,VS,AV,R=F		
NGC	6837	Aql	H18-8	Open Cluster IV 1 p	CL,S,P
	8"	11mmT6	PF,PS,R=F		
NGC	6840	Aql	H19-8	Open Cluster 10.0 cluster?	CL,P,LC
	8"	11mmT6	PF,PS,R=F		
NGC	6843	Aql		Open Cluster 10.0 cluster?	CL,S,P
	8"	11mmT6	PF,PS,R=F		
NGC	7167	Aqr		Galaxy SB(s)c:	F,PS,R,VGLBM,*10F
	8"	11mmT6	PF,VS,R,NND,R=F		
NGC	7247	Aqr		Galaxy SB(s)b:	PF,VS,R,LBM,BD*P13S
	8"	11mmT6	VF,VS,R,AV,R=F		
NGC	7251	Aqr	H933-3	Galaxy (R')SA(rs)a?	F,PS,R,GPMBM
	8"	11mmT6	VF,VS,R,AV,R=F		
NGC	7252	Aqr	H458-3	Galaxy (R)SA(r)0^:	F,S,R,ER
	8"	11mmT6	PF,PS,OVAL,NND,AV,R=F		
NGC	7284	Aqr	H469-2	Galaxy SB(s)0^ pec	CF,CS,LE,R,D*INV
	8"	11mmT6	VF,VS,R,NND,AV,R=F		
NGC	7285	Aqr		Galaxy SB(rs)a pec	NEB*1'DIST FROM7284
	8"	11mmT6	VF,VS,R,NND,AV,R=F		
NGC	7300	Aqr		Galaxy SAB(rs)b:	VF,CS,E,VGLBM
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
NGC	7371	Aqr	H477-2	Galaxy (R)SA(r)0/a:	VF,PL,R,LBM
	8"	11mmT6	PF,VS,R,NND,R=F		
NGC	7492	Aqr	H558-3	Globular	EF,L,BET2D*
	8"	11mmT6	VF,VS,AV,R=F		
NGC	7585	Aqr	H236-2	Galaxy (R')SA(s)0+ pec	PB,PS,IR,GBM
	8"	11mmT6	PF,PS,OVAL,FNUC,R=F		

## Observations Listing by Date

**August 13, 2007 Hidden Hollow - RAS**

<b>NGC 6625</b> 31"	<b>Sct</b> 31mmT5	<b>Open Cluster IV 3 m n</b> PB,L,R=F, SOME NEBULOSITY	<b>CL,LC,LRI,ST11...12</b>
<b>NGC 6631</b> 31"	<b>Sct</b> 31mmT5	<b>Open Cluster II 1 m</b> PB,PS,MORE STARS, CONDENSED,R=F	<b>CL,PL,PRI,ST12...15</b>
<b>NGC 6637</b> 31"	<b>Sgr M69</b> 31mmT5	<b>Globular</b> PB,PS,MORE STARS, CONDENSED,R=E	<b>GCL,B,L,R,RRR,*14.16</b>
<b>NGC 6639</b> 31"	<b>Sct</b> 31mmT5	<b>Open Cluster</b> PB,PS,R=F, SOME NEBULOSITY	<b>CL,IN MILKY WAY</b>
<b>NGC 6649</b> 31"	<b>Sct</b> 31mmT5	<b>Open Cluster 13.2 I 3 m</b> B,PS,R=G,SOME NEBULOSITY,CARBON STR.	<b>CL,P,LC,PS,*9,10,12.</b>
<b>NGC 6664</b> 31"	<b>Sct H12-8</b> 31mmT5	<b>Open Cluster 9.0 III 2 m</b> B,L,R=G	<b>CL,L,PRI,VLC</b>
<b>NGC 6682</b> 31"	<b>Sct</b> 31mmT5	<b>Open Cluster star clou</b> PB,EL,R=G. MASSIVE CLUSTER	<b>CL,L,RI,ST10...18</b>
<b>NGC 6683</b> 31"	<b>Sct</b> 31mmT5	<b>Open Cluster 11.7 II 1 p n</b> B,PS,R=G, SOMEWHAT DENSE	<b>CL,VRI,VLC,IN M WAY</b>
<b>NGC 6704</b> 31"	<b>Sct</b> 31mmT5	<b>Open Cluster 12.0 I 2 m</b> PB,S,R=G	<b>CL,B,60ST13</b>
<b>NGC 6712</b> 31"	<b>Sct H47-1</b> 31mmT5	<b>Globular</b> PB,PS,R=G, RESOLVE OUTER STARS	<b>GCL,PB,VL,IRR,RRR</b>
<b>NGC 6905</b> 31"	<b>Del H16-4</b> 31mmT5	<b>Planetary Neb 3+3</b> PF,CS,R,R=G, CENTRAL STAR NOT VISIBLE	<b>PLN,B,PS,R,4S*NR</b>
<b>PGC 62522</b> 31"	<b>Lyr</b> 31mmT5	<b>Galaxy S</b> VF,VS,EON,NND,AV,R=F	
<b>PK 21-0.1</b> 31"	<b>Sct</b> 31mmT5	<b>Planetary Neb 2+3</b> PF,VS,R=F, CENTRAL STAR NOT VISIBLE	

**July 23, 2007 Hidden Hollow - RAS**

<b>NGC 7127</b> 8"	<b>Cyg</b> 19mmW	<b>Open Cluster IV 1 p</b> PF,CS,R=F,SMUDGE, NO STARS	<b>CL,S,P,LC</b>
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## Observations Listing by Date

July 21, 2007

Hidden Hollow - RAS

<b>CR</b>	<b>256</b> 1.9"	<b>Com</b> 12x50	<b>Open Cluster III3r</b> B,VL,PRETTY LOOSE,R=G	
<b>CR</b>	<b>285</b> 1.9"	<b>UMa</b> 12x50	<b>Open Cluster IV1p</b> EB,EL,VERY LOOSE,R=G	
<b>CR</b>	<b>350</b> 1.9"	<b>Oph</b> 12x50	<b>Open Cluster IV1p</b> PB,VL,NICE CLUSTER,R=G	
<b>IC</b>	<b>4592</b> 1.9"	<b>Sco</b> 12x50	<b>Nebula R</b> PF,PL,JUST DETECTED,R=F	
<b>IC</b>	<b>4604</b> 1.9"	<b>Oph</b> 12x50	<b>Nebula R</b> PF,PS,AV,JUST DETECTED,R=F	
<b>NGC</b>	<b>5272</b> 1.9"	<b>CVn</b> 12x50	<b>M3</b> PB,S,R=G, SAME FOV AS C/2006-VZ13	<b>GCL,EB,VL,VSMBM,*11.</b>
<b>NGC</b>	<b>5897</b> 1.9"	<b>Lib</b> 12x50	<b>H19-6</b> PF,PS,AV,R=F	<b>GCL,PF,L,VIR,VGBM,</b>
<b>NGC</b>	<b>6356</b> 1.9"	<b>Oph</b> 12x50	<b>H48-1</b> PF,S,PATCH,R=F	<b>GCL,VB,CL,VGVMBM,RRR</b>
<b>NGC</b>	<b>6366</b> 1.9"	<b>Oph</b> 12x50	<b>Globular</b> PF,PS,AV,R=F	<b>F,L,VLBM</b>
<b>NGC</b>	<b>6469</b> 1.9"	<b>Sgr</b> 12x50	<b>Open Cluster IV 2 m</b> PF,PS,R=F	<b>CL,PRI,IN MILKY WAY</b>
<b>NGC</b>	<b>6712</b> 1.9"	<b>Sct</b> 12x50	<b>H47-1</b> F,PS,R=F	<b>GCL,PB,VL,IRR,RRR</b>
<b>NGC</b>	<b>7160</b> 1.9"	<b>Cep</b> 12x50	<b>H67-8</b> PF,PS,AV,R=F	<b>CL,P,VLC</b>
<b>NGC</b>	<b>7209</b> 1.9"	<b>Lac</b> 12x50	<b>H53-7</b> PB,PL,R=G	<b>CL,L,CRI,PC,ST9...12</b>
<b>NGC</b>	<b>7235</b> 1.9"	<b>Cep</b> 12x50	<b>Open Cluster 8.8 II 3 m</b> B,PS,R=F	<b>CL,PC,HAS RUBY*10</b>
<b>NGC</b>	<b>7243</b> 1.9"	<b>Lac</b> 12x50	<b>H75-8</b> PB,PL,R=G	<b>CL,L,P,LC,ST VL</b>

## Observations Listing by Date

## July 16, 2007

## Hidden Hollow - RAS

<b>NGC</b>	<b>6028</b>	<b>Her</b>	<b>Galaxy (R)SA0+:</b>	<b>VF,PS,NO NUCL</b>
	31"	17mmT4	PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>6032</b>	<b>Her</b>	<b>Galaxy SB(rs)b:</b>	<b>VF,PL,LE,VLBM,NP OF2</b>
	31"	17mmT4	PF,CS,EON,NND,R=F	
<b>NGC</b>	<b>6035</b>	<b>Her</b>	<b>Galaxy SAB(rs)c</b>	<b>VF,PL,LE,SF OF 2</b>
	31"	17mmT4	PF,PS,R,NND,R=F	
<b>NGC</b>	<b>6207</b>	<b>Her</b>	<b>H701-2 Galaxy SA(s)c</b>	<b>PB,PL,E45,VGMBM</b>
	16"	11mmT6	PF,PS,EL.OVAL,FNUC,R=F	
<b>PGC</b>	<b>56685</b>	<b>Her</b>	<b>Galaxy SAB0-</b>	
	31"	17mmT4	PF,PS,OVAL,NND,R=F	

## July 13, 2007

## Hidden Hollow - RAS

<b>B</b>	<b>326</b>	<b>Aql</b>	<b>Galaxy</b>	
	8"	11mmT6	PB,PL,FAINT GLOW-NO FILTER,R=G	
<b>ESO</b>	<b>456-38</b>	<b>Sgr</b>	<b>Globular</b>	
	8"	7.5mmW	PB,PS,RESOLVE OUTER STARS,R=G	
<b>HP</b>	<b>1</b>	<b>Oph</b>	<b>Globular</b>	
	8"	7.5mmW	VF,VS,R,PATCHY,R=F	
<b>NGC</b>	<b>6440</b>	<b>Sgr</b>	<b>H150-1 Globular</b>	<b>PB,PL,R,BM</b>
	8"	11mmT6	PF,CS,ALMOST RESOLVE STARS,R=G	
<b>NGC</b>	<b>6540</b>	<b>Sgr</b>	<b>H198-2 Globular</b>	<b>PF,S,IE,ER OR CL</b>
	8"	7.5mmW	VF,VS,PATCHY,R=F	
<b>NGC</b>	<b>6735</b>	<b>Aql</b>	<b>Open Cluster 12.0</b>	<b>CL,VL,P,ST12...</b>
	8"	11mmT6	CF,CS,R=F	
<b>PAL</b>	<b>6</b>	<b>Oph</b>	<b>Globular</b>	
	8"	7.5mmW	VF,VS,R,PATCHY,AV,R=F	

## Observations Listing by Date

## June 20, 2007

## Hidden Hollow - RAS

CR	470	Cyg	Galaxy	
	1.9"	12x50	F,S,R=F, HINT-NEBULOSITY, INV. W/IC 5146	
IC	4756	Ser	Open Cluster 8.0 II 3 r	
	1.9"	12x50	F,PL,R=F	
IC	5070	Cyg	Non-Existent	
	1.9"	12x50	PF,VL,R=F, HINT OF NEBULOSITY	
IC	5146	Cyg	Nebula E	
	1.9"	12x50	F,S,R=F, HINT OF NEBULOSITY	
NGC	6605	Ser	Open Cluster asterism	CL,LRI,LC,ST10...12
	1.9"	12x50	PF,PS,R,R=F	
NGC	6820	Vul	Nebula E	F,S,R,BM
	1.9"	12x50	PF,S,R=F, JUST DETECTED	
NGC	6823	Vul	H18-7 Open Cluster 8.8 I 3 m n	CL,CRI,E,ST11...12
	1.9"	12x50	PF,PS, STARS 6+,R=F	
NGC	6960	Cyg	H15-5 Nebula E	PB,CL,EIF,KAPPACYGIN
	1.9"	12x50	PF,PL,R=F, HINT OF NEBULOSITY	
NGC	6979	Cyg	H206-2 Non-Existent	
	1.9"	12x50	PF,PL,R=F, HINT OF NEBULOSITY	
NGC	6992	Cyg	H14-5 Nebula E	EF,EL,EE,EIF,BIFID
	1.9"	12x50	PF,L,R=F, HINT OF NEBULOSITY	
NGC	6995	Cyg	Non-Existent	F,EL,NEB\$ST INGROUPS
	1.9"	12x50	PF,PL, R=F, HINT OF NEBULOSITY	
NGC	7000	Cyg	H37-5 Nebula E	F,EEL,DIF NEBULOSITY
	1.9"	12x50	F,EL,R=G, LITTLE BETTER	

## June 14, 2007

## Hidden Hollow - RAS

NGC	6000	Sco	Galaxy SB(s)bc:	VF,S,R,SBM
	8"	11mmT6	CF,CS,R,NND,AV,R=F	

## June 9, 2007

## Hidden Hollow - RAS

IC	3476	Com	Galaxy IB(s)m:	
	8"	11mmT6	PF,PS,R,NND,R=F	
NGC	4032	Com	H404-2 Galaxy Im:	PF,PL,R,GBM,*12NF
	8"	11mmT6	VF,PS,R,NND,AV,R=F	
NGC	4136	Com	H321-2 Galaxy SAB(r)c	F,VL,VGMBM
	8"	11mmT6	PF,PS,R,NND,AV,R=F	
NGC	4152	Com	H83-2 Galaxy SAB(rs)c	PB,PL,R,PGMBM,R
	8"	11mmT6	PF,PS,OVAL,NND,AV,R=F	
PAL	5	Ser	Globular	
	8"	7.5mmW	VF,VS,AV,R=F	



## Observations Listing by Date

<b>May 18, 2007</b>		<b>Hidden Hollow - RAS</b>		
<b>IC</b>	<b>3446</b>	<b>Vir</b>	<b>Galaxy S?</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>IC</b>	<b>3481</b>	<b>Vir</b>	<b>Galaxy SAB0-: pec</b>	
	31"	17mmT4	PB,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>3481A</b>	<b>Vir</b>	<b>Galaxy E pec:</b>	
	31"	17mmT4	CF,VS,R,NND,AV,R=F	
<b>IC</b>	<b>3483</b>	<b>Vir</b>	<b>Galaxy SAB(s)b pec:</b>	
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>3583</b>	<b>Vir</b>	<b>Galaxy IBm</b>	
	31"	17mmT4	PF,PL,EL,OVAL,NND,R=F	
<b>MAC</b>	<b>1141+1016</b>	<b>Vir</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1252+1001</b>	<b>Vir</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>1253+0956</b>	<b>Vir</b>	<b>Galaxy</b>	
	31"	17mmT4	EF,VS,R,NND,AV,R=F	
<b>NGC</b>	<b>3817</b>	<b>Leo</b>	<b>Galaxy SB0/a</b>	<b>F,1ST OF 4</b>
	31"	17mmT4	VF,CS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3819</b>	<b>Leo</b>	<b>Galaxy E?</b>	<b>VF,2ND OF 4</b>
	31"	17mmT4	PF,CS,OVAL,NND,R=F	
<b>NGC</b>	<b>3820</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>EF,VS,3819 S</b>
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>NGC</b>	<b>3822</b>	<b>Vir</b>	<b>H153-2 Galaxy S0?</b>	<b>PF,PS,3RD OF 4</b>
	31"	17mmT4	PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>3825</b>	<b>Vir</b>	<b>H154-2 Galaxy SBa</b>	<b>PF,PS,4TH OF 4</b>
	31"	17mmT4	PF,CS,OVAL,NND,R=F	
<b>NGC</b>	<b>3833</b>	<b>Vir</b>	<b>H102-3 Galaxy Sc</b>	<b>EF,PS</b>
	31"	17mmT4	DIFF,PF,PL,OVAL,NND,R=F	
<b>NGC</b>	<b>3848</b>	<b>Vir</b>	<b>H35-3 Galaxy Sc</b>	<b>EF,VS</b>
	31"	17mmT4	PB,PS,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>4569</b>	<b>Vir</b>	<b>M90 Galaxy SAB(rs)ab</b>	<b>PL,BMN</b>
	31"	17mmT4	EB,EL,EL,OVAL,BNUC,HISB,R=E	
<b>NGC</b>	<b>4759B</b>	<b>Vir</b>	<b>Non-Existent</b>	
	31"	17mmT4	CB,PL,R,BNUC,HISB,R=E	
<b>NGC</b>	<b>4761</b>	<b>Vir</b>	<b>Galaxy E+</b>	<b>EF,ES,1'F DNEB4759</b>
	31"	17mmT4	CB,PL,OVAL,BNUC,HISB,R=E	
<b>NGC</b>	<b>4764</b>	<b>Vir</b>	<b>Galaxy S?</b>	<b>EF,ES,SF DNEB 4759</b>
	31"	17mmT4	PB,PS,OVAL,NND,MSB,R=G	

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<b>NGC 4778</b> 31"	<b>Vir</b> 17mmT4 CB,PL,R,BNUC,HISB,R=E	<b>Galaxy S0+ sp</b>	<b>VF,S,R,VLBM,F OFDNEB</b>
<b>NGC 4809</b> 31"	<b>Vir</b> 17mmT4 CF,PL,EON,NND,R=F	<b>Galaxy Im pec</b>	<b>F,DNEB W/4810</b>
<b>NGC 4810</b> 31"	<b>Vir</b> 17mmT4 PF,PS,OVAL,NND,R=F	<b>Galaxy Im pec</b>	<b>F,DNEB W/4809</b>
<b>NGC 4933A</b> 31"	<b>Vir</b> 17mmT4 CB,PL,OVAL,BNUC,HISB,R=G	<b>Galaxy S0/a pec</b>	
<b>NGC 4933B</b> 31"	<b>Vir</b> 17mmT4 PB,PS,OVAL,FNUC,MSB,R=G	<b>Galaxy E pec</b>	
<b>PGC 36325</b> 31"	<b>Vir</b> 17mmT4 VF,S,R,NND,R=F	<b>Galaxy Pec</b>	
<b>PGC 36723</b> 31"	<b>Vir</b> 17mmT4 PF,PS,OVAL,NND,R=P	<b>Galaxy SAB(rs)b? pec</b>	
<b>PGC 36733</b> 31"	<b>Vir</b> 17mmT4 PB,PS,EL,OVAL,NND,R=F	<b>Galaxy SB(s)b: pec</b>	
<b>PGC 36742</b> 31"	<b>Vir</b> 17mmT4 VF,VS,OVAL,NND,AV,R=F	<b>Galaxy SB(s)c pec</b>	
<b>PGC 43728</b> 31"	<b>Vir</b> 17mmT4 PB,PS,EL,OVAL,FNUC,MSB,R=G	<b>Galaxy Sab</b>	
<b>PGC 43762</b> 31"	<b>Vir</b> 17mmT4 VF,VS,R,NND,AV,R=F	<b>Galaxy</b>	
<b>PGC 43944</b> 31"	<b>Vir</b> 17mmT4 DIFF,CF,PL,EON,UB,NND,R=F	<b>Galaxy S</b>	

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<b>May 14, 2007</b>		<b>Hidden Hollow - RAS</b>			
<b>IC</b>	<b>3446</b>	<b>Vir</b>	<b>Galaxy S?</b>		
	31"	17mmT4	PB,PS,EON,FNUC,MSB,R=G		
<b>IC</b>	<b>3470</b>	<b>Vir</b>	<b>Galaxy E?</b>		
	31"	17mmT4	PB,PS,R,UB,NND,R=G		
<b>IC</b>	<b>3499</b>	<b>Vir</b>	<b>Galaxy S0/a</b>		
	31"	17mmT4	PF,PL,EON,UB,NND,R=F		
<b>IC</b>	<b>3510</b>	<b>Vir</b>	<b>Galaxy S?</b>		
	31"	17mmT4	CF,CS,OVAL,NND,AV,R=F		
<b>MAC</b>	<b>1231+0036</b>	<b>Vir</b>	<b>Galaxy</b>		
	31"	17mmT4	CF,VS,OVAL,NND,R=F		
<b>MAC</b>	<b>1231+0353</b>	<b>Vir</b>	<b>Galaxy</b>		
	31"	17mmT4	VF,CS,EON,NND,AV,R=P		
<b>MAC</b>	<b>1234-0727</b>	<b>Vir</b>	<b>Galaxy</b>		
	31"	17mmT4	VF,CS,R,NND,AV,R=F		
<b>MAC</b>	<b>1234-0732</b>	<b>Vir</b>	<b>Galaxy</b>		
	31"	17mmT4	CF,CS,R,UB,NND,R=F		
<b>NGC</b>	<b>4464</b>	<b>Vir</b>	<b>H483-3 Galaxy S?</b>	<b>F,VS,R,PGBM</b>	
	31"	17mmT4	PB,PS,R,FNUC,MSB,R=G		
<b>NGC</b>	<b>4465</b>	<b>Vir</b>	<b>Galaxy Sc</b>	<b>VF,VDIF</b>	
	31"	17mmT4	PF,PS,R,UB,NND,R=F		
<b>NGC</b>	<b>4467</b>	<b>Vir</b>	<b>Galaxy E2</b>	<b>VF,VS,LE</b>	
	31"	17mmT4	PF,CS,R,UB,NND,R=F		
<b>NGC</b>	<b>4472</b>	<b>Vir</b>	<b>M49 Galaxy E2</b>	<b>VB,L,R,MBM,R</b>	
	31"	17mmT4	B,CL,OVAL,BNUC,HISB,R=G		
<b>NGC</b>	<b>4487</b>	<b>Vir</b>	<b>H776-2 Galaxy SAB(rs)cd</b>	<b>F,VL,ER</b>	
	31"	17mmT4	DIFF,PF,PL,OVAL,NND,R=F		
<b>NGC</b>	<b>4488</b>	<b>Vir</b>	<b>H484-3 Galaxy SB(s)0/a pec:</b>	<b>VF,VS,LE</b>	
	31"	17mmT4	PB,PS,OVAL,UB,FNUC,MSB,R=G		
<b>NGC</b>	<b>4491</b>	<b>Vir</b>	<b>H41-3 Galaxy SB(s)a:</b>	<b>F,L,R</b>	
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>4492</b>	<b>Vir</b>	<b>H499-2 Galaxy SA(s)a?</b>	<b>PF,PL,VGLBM,2*NR</b>	
	31"	17mmT4	PB,PS,R,FNUC,MSB,R=G		
<b>NGC</b>	<b>4493</b>	<b>Vir</b>	<b>Galaxy E+ pec:</b>	<b>VF,VS,IR</b>	
	31"	17mmT4	PF,CL,OVAL,NND,R=F		
<b>NGC</b>	<b>4496A</b>	<b>Vir</b>	<b>Galaxy SB(rs)m</b>	<b>F,CL,BIN OR DNEB</b>	
	31"	17mmT4	PF,PS,R,NND,R=F		
<b>NGC</b>	<b>4496B</b>	<b>Vir</b>	<b>Galaxy IB(s)m:</b>		
	31"	17mmT4	DIFF,PF,PL,OVAL,NND,R=F		

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<b>NGC</b>	<b>4497</b>	<b>Vir</b>	<b>H42-3</b>	<b>Galaxy SAB(s)0+:</b>	<b>VF</b>
	31"	17mmT4	PB,PL,OVAL,UB,NND,R=G		
<b>NGC</b>	<b>4503</b>	<b>Vir</b>	<b>H66-2</b>	<b>Galaxy SB0-:</b>	<b>PB,S,R,GBM</b>
	31"	17mmT4	PB,PL,EL,OVAL,BNUC,HISB,R=G		
<b>NGC</b>	<b>4504</b>	<b>Vir</b>	<b>H771-2</b>	<b>Galaxy SA(s)cd</b>	<b>PB,CL,IE,GVLBM,ER</b>
	31"	17mmT4	DIFF,PF,PL,OVAL,NND,R=F		
<b>NGC</b>	<b>4518</b>	<b>Vir</b>		<b>Galaxy SB0_2/3_(r)/a</b>	<b>F,S,R,BM</b>
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>4519A</b>	<b>Vir</b>		<b>Galaxy dS0?</b>	
	31"	17mmT4	CF,CS,OVAL,NND,R=F		
<b>NGC</b>	<b>4519</b>	<b>Vir</b>	<b>H158-2</b>	<b>Galaxy SB(rs)d</b>	<b>F,PL,R,BM,R</b>
	31"	17mmT4	DIFF,PF,PL,OVAL,NND,R=F		
<b>NGC</b>	<b>4520</b>	<b>Vir</b>	<b>H757-3</b>	<b>Galaxy SA0- pec sp</b>	<b>VF,S,2VS*INV</b>
	31"	17mmT4	PF,PS,OVAL,UB,FNUC,R=F		
<b>NGC</b>	<b>4522</b>	<b>Vir</b>		<b>Galaxy SB(s)cd: sp</b>	<b>EF,PL,LE,VLBM</b>
	31"	17mmT4	PF,PL,EON,UB,NND,R=F		
<b>NGC</b>	<b>4526</b>	<b>Vir</b>	<b>H31-1</b>	<b>Galaxy SAB(s)0^:</b>	<b>VB,VL,ME120,PSMBM</b>
	31"	17mmT4	VB,CL,EON,BNUC,HISB,R=G		
<b>NGC</b>	<b>4528</b>	<b>Vir</b>	<b>H67-2</b>	<b>Galaxy S0^:</b>	<b>PF,CS,R,BM,*9F30S</b>
	31"	17mmT4	PF,PS,OVAL,BNUC,HISB,R=G		
<b>NGC</b>	<b>4531</b>	<b>Vir</b>	<b>H175-2</b>	<b>Galaxy SB0+:</b>	<b>F,PL,R,VGBM</b>
	31"	17mmT4	DIFF,PF,PL,OVAL,NND,R=F		
<b>NGC</b>	<b>4532</b>	<b>Vir</b>	<b>H147-2</b>	<b>Galaxy IBm</b>	<b>PB,PL,PME,VGBM,R</b>
	31"	17mmT4	PB,PL,EON,UB,FNUC,R=G		
<b>NGC</b>	<b>4739</b>	<b>Vir</b>	<b>H515-3</b>	<b>Galaxy E+ pec:</b>	<b>F,PL,LE,PGLBM</b>
	31"	17mmT4	DIFF,PF,PL,R,NND,R=F		
<b>PGC</b>	<b>41410</b>	<b>Vir</b>		<b>Galaxy SAB(s)c:</b>	
	31"	17mmT4	CF,CS,EL,OVAL,NND,R=F		
<b>PGC</b>	<b>41666</b>	<b>Vir</b>		<b>Galaxy</b>	
	31"	17mmT4	PF,CS,EON,UB,NND,R=F		
<b>PGC</b>	<b>41726</b>	<b>Vir</b>		<b>Galaxy E</b>	
	31"	17mmT4	PF,PS,EON,UB,NND,R=F		

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NGC	2872	Leo	H57-2	Galaxy E2	PF,PS,R,BM
	8"	7.5mmW	VF,VS,R,NND,AV,R=F		
NGC	3370	Leo	H81-2	Galaxy SA(s)c	CB,PL,VLE,GBM,R
	8"	11mmT6	PF,PS,OVAL,NND,AV,R=F		
NGC	3437	Leo	H47-2	Galaxy SAB(rs)c:	PB,PL,LE120,GBM
	8"	11mmT6	VF,CS,EL,OVAL,NND,AV,F		
NGC	3457	Leo		Galaxy S?	2OR3S* AND NEB
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F		
NGC	3604	Leo	H626-2	Galaxy	PB,S,LE,MBM
	8"	11mmT6	VF,PS,R,NND,AV,R=F		
NGC	3605	Leo	H27-3	Galaxy E4-5	F,S,R,SP OF 3
	8"	11mmT6	PF,PS,R,NND,R=F		
NGC	3646	Leo	H15-3	Galaxy Ring	CF,CL,LE,GBM,SP OF 2
	8"	11mmT6	CF,PS,OVAL,NND,R=F		
NGC	3666	Leo	H20-1	Galaxy SA(rs)c:	F,E90,*6F34S,5'N
	8"	11mmT6	CF,PS,EON,NND,R=F		
NGC	3681	Leo	H159-2	Galaxy SAB(r)bc	B,PS,R,BM
	8"	11mmT6	CF,CS,R,NND,AV,R=P		
NGC	3684	Leo		Galaxy SA(rs)bc	PB,PL,E,VGBM
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
NGC	3689	Leo	H339-2	Galaxy SAB(rs)c	PB,PL,LE,BM
	8"	11mmT6	F,VS,R,NND,AV,R=F		
NGC	3705	Leo	H13-2	Galaxy SAB(r)ab	PF,PL,R,VSMBM,R
	8"	11mmT6	PF,CS,OVAL,NND,R=F		
NGC	3801	Leo	H161-2	Galaxy S0?	PF,PL,R,BM,R,2ND OF 3
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
NGC	3862	Leo	H385-3	Galaxy E	VF,VS,R,*17N
	8"	11mmT6	VF,VS,R,NND,AV,R=F		
NGC	3862	Leo	H385-3	Galaxy E	VF,VS,R,*17N
	8"	11mmT6	CF,CS,EON,NND,R=F		
NGC	4008	Leo	H368-2	Galaxy E5	PB,PS,E,PSBM,*INV N
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
NGC	5529	Boo	H414-3	Galaxy Sc: sp	CF,PL,VME110,VGVMBM
	8"	11mmT6	VF,PS,EON,NND,AV,R=F		
NGC	5533	Boo	H418-2	Galaxy SA(rs)ab	PB,R,VSMBM,2OR3*INV
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
NGC	5548	Boo	H194-2	Galaxy (R')SA(s)0/a	CF,PS,R,VSVMBM*
	8"	11mmT6	PF,PS,R,NND,R=F		

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<b>IC</b>	<b>732</b>	<b>Leo</b>	<b>Galaxy S0?</b>	
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>2955</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PB,PS,OVAL,UB,NND,R=G	
<b>MAC</b>	<b>1145+1952</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,PS,R,NND,AV,R=F	
<b>MAC</b>	<b>1145+2001</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1145+2026</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>MAC</b>	<b>1146+1944B</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	CF,CS,R,UB,NND,R=F	
<b>MAC</b>	<b>1146+2026</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,PS,EON,NND,V,R=F	
<b>MAC</b>	<b>1150+2111</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	CF,PS,EON,UB,NND,R=F	
<b>MAC</b>	<b>1150+2116</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,CS,OVAL,UB,NND,R=F	
<b>MAC</b>	<b>1150+2119</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>NGC</b>	<b>3857</b>	<b>Leo</b>	<b>Galaxy S0?</b>	<b>VF,VS,MBM</b>
	31"	17mmT4	PB,PL,EL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>3859</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>EF,VS,R,LBM,(R)</b>
	31"	17mmT4	PB,PL,EON,UB,NND,R=G	
<b>NGC</b>	<b>3860</b>	<b>Leo</b>	<b>H386-3 Galaxy S?</b>	<b>VF,VS,RESOLVABLE</b>
	31"	17mmT4	PB,PL,OVAL,UB,FNUC,R=G	
<b>NGC</b>	<b>3861</b>	<b>Leo</b>	<b>Galaxy (R')SAB(r)b</b>	<b>F,S,R,BM</b>
	31"	17mmT4	PB,PL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>3862</b>	<b>Leo</b>	<b>H385-3 Galaxy E</b>	<b>VF,VS,R,*17N</b>
	31"	17mmT4	PB,PL,R,FNUC,HISB,R=G	
<b>NGC</b>	<b>3864</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>EF,VS,R</b>
	31"	17mmT4	PF,PS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3867</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>F,S,IRRR,MBM,S OF 2</b>
	31"	17mmT4	PB,PL,OVAL,UB,NND,R=G	
<b>NGC</b>	<b>3868</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>VF,VS,R,MBM,N OF 2</b>
	31"	17mmT4	PB,PS,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3869</b>	<b>Leo</b>	<b>Galaxy Sa</b>	<b>F,S,IR,PSBM</b>
	31"	17mmT4	PB,PL,EON,FNUC,HISB,R=G	

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NGC 3872 31"	Leo 17mmT4	H104-2 CB,PL,R,BNUC,HISB,R=G	Galaxy E5	B,S,R,SMBM*
NGC 3873 31"	Leo 17mmT4	PB,PL,R,FNUC,MSB,R=G	Galaxy E	VF,PS,LE,3875 SF
NGC 3875 31"	Leo 17mmT4	PB,PL,EON,UB,FNUC,R=G	H387-3 Galaxy S0/a	VF,VS,RESOLVABLE
NGC 3883 31"	Leo 17mmT4	DIFF,PF,CL,OVAL,NND,R=F	H372-3 Galaxy SA(rs)b	VF,CL
NGC 3884 31"	Leo 17mmT4	PB,PL,OVAL,UB,FNUC,MSB,R=G	H388-3 Galaxy SA(r)0/a	CF,S,IR,GBM,R,*7SP6'
NGC 3886 31"	Leo 17mmT4	PB,PS,EON,UB,FNUC,R=G	Galaxy S0-:	F
NGC 3902 31"	Leo 17mmT4	DIFF,PF,PL,OVAL,NND,R=F	H321-3 Galaxy SAB(s)bc:	F,PS,LE,VGLBM
NGC 3910 31"	Leo 17mmT4	PB,PS,OVAL,DNUC,MSB,R=G	Galaxy S0-:	S,R,MBM,*10,11N50"
NGC 3911 31"	Leo 17mmT4	DIFF,PF,PL,OVAL,NND,AV,R=F	H341-3 Galaxy SB?	VF,S,P OF 2
NGC 3919 31"	Leo 17mmT4	PB,PS,R,BNUC,HISB,R=G	Galaxy E	F,S,R
NGC 3920 31"	Leo 17mmT4	PB,PL,R,UB,NND,R=G	Galaxy S?	NEB,F OF 2
NGC 3925 31"	Leo 17mmT4	PF,PS,OVAL,UB,NND,R=F	Galaxy SAB0/a	VF,VS
NGC 3926A 31"	Leo 17mmT4	PB,S,R,UB,NND,R=F	H379-3 Galaxy E/S0	EF,ES,VLE,ER,ST NR
NGC 3926B 31"	Leo 17mmT4	PB,PS,OVAL,UB,NND,R=G	H379-3 Galaxy E/S0	EF,ES,VLE,ER,ST NR
NGC 3929 31"	Leo 17mmT4	PB,PS,OVAL,UB,NND,R=F	Galaxy E?	CL,S,ST F,VC
NGC 3933 31"	Leo 17mmT4	PF,PS,OVAL,UB,NND,R=F	Galaxy S?	PF,LE
NGC 3934 31"	Leo 17mmT4	PF,PS,R,UB,NND,R=F	Galaxy S?	EF,R
NGC 3937 31"	Leo 17mmT4	PB,PL,OVAL,UB,FNUC,MSB,R=G	H389-3 Galaxy S0-:	EF, VS, 3937 F 12S
NGC 3940 31"	Leo 17mmT4	PB,PL,R,FNUC,HISB,R=G	H380-3 Galaxy E	VF,CS,R

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<b>NGC 3943</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S?</b> PB,PL,R,UB,NND,R=G	<b>PF,PS,E,*8P24S</b>
<b>NGC 3987</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy Sb</b> PB,CL,EON,UB,NND,R=G	<b>F,ME</b>
<b>NGC 3993</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy Sb: sp</b> PB,PL,EON,UB,FNUC,HISB,R=G	<b>VF,PS,E,3* NR</b>
<b>NGC 3997</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy SBb pec</b> PB,CL,OVAL,UB,FNUC,HISB,R=G	<b>PF,VS,E25,BET 2ST</b>
<b>NGC 3999</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S0</b> DIFF,PF,CS,OVAL,NND,R=F	<b>VF,S</b>
<b>NGC 4000</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S?</b> PF,PL,EON,UB,NND,R=F	<b>VF,VS,LE,*8F2',05 SF</b>
<b>NGC 4005</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S?</b> PB,PL,OVAL,FNUC,MSB,R=G	<b>PF,VS,MBM,*7NP2'</b>
<b>NGC 4011</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S0</b> DIFF,CF,CS,OVAL,NND,V,R=F	<b>VF,VS,*12NP</b>
<b>PGC 36550</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S</b> PF,CS,R,UB,NND,R=F	
<b>PGC 36565</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> CF,CS,R,UB,NND,R=F	
<b>PGC 36566</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> CF,CS,R,UB,NND,R=F	
<b>PGC 36575</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> PF,PS,RL,OVAL,NND,R=F	
<b>PGC 36586</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> DIFF,PF,PS,EL,OVAL,NND,R=F	
<b>PGC 36589</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S?</b> PF,PS,OVAL,UB,NND,R=F	
<b>PGC 36619</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy E</b> PF,PL,OVAL,UB,NND,R=F	
<b>PGC 36622</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> VF,PS,R,NND,R=F	
<b>PGC 37018</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S R</b> VF,PS,R,NND,AV,R=F	
<b>PGC 37039</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> PF,VS,OVAL,UB,NND,R=F	
<b>PGC 37040</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S</b> CF,CS,OVAL,UB,NND,R=F	



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## May 7, 2007

**PGC 37096**      **Leo**      **Galaxy E**  
31"      17mmT4      CF,PS,OVAL,NND,R=F

**PGC 37175**      **Leo**      **Galaxy S?**  
31"      17mmT4      PF,PS,R,UB,NND,R=F

**PGC 37192**      **Leo**      **Galaxy S**  
31"      17mmT4      PF,PS,EL,OVAL,NND,R=F

## May 6, 2007

## Home

<b>NGC 3351</b>	<b>Leo</b>	<b>M95</b>	<b>Galaxy SB(r)b</b>	<b>B,L,R,PGMBMN</b>
1.9"	12x50	PF,PS,OVAL,NND,R=F		
<b>NGC 3368</b>	<b>Leo</b>	<b>M96</b>	<b>Galaxy SAB(rs)ab</b>	<b>VB,VL,LE,VSVMBM,R</b>
1.9"	12x50	PF,PS,OVAL,NND,R=F		
<b>NGC 3379</b>	<b>Leo</b>	<b>M105 H17-1</b>	<b>Galaxy E1</b>	<b>VB,CL,R,PSBM,R</b>
1.9"	12x50	PF,PS,OVAL,NND,R=F		
<b>NGC 4192</b>	<b>Com</b>	<b>M98</b>	<b>Galaxy SAB(s)ab</b>	<b>B,VL,VME152,VSVMBM</b>
1.9"	12x50	VF,S,OVAL,NND,R=F		
<b>NGC 4254</b>	<b>Com</b>	<b>M99</b>	<b>Galaxy SA(s)c</b>	<b>B,L,R,GBM,R,3BRSPIRA</b>
1.9"	12x50	F,S,OVAL,NND,R=F		
<b>NGC 4303</b>	<b>Vir</b>	<b>M61 H139-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VSBM*,BIN</b>
1.9"	12x50	PB,PS,OVAL,NND,R=G		
<b>NGC 4374</b>	<b>Vir</b>	<b>M84</b>	<b>Galaxy E1</b>	<b>VB,PL,R,PSBM,R</b>
1.9"	12x50	PF,PS,OVAL,NND,R=F		
<b>NGC 4406</b>	<b>Vir</b>	<b>M86</b>	<b>Galaxy E3</b>	<b>VB,L,R,GBMN,R</b>
1.9"	12x50	PF,PS,OVAL,NND,R=F		
<b>NGC 4472</b>	<b>Vir</b>	<b>M49</b>	<b>Galaxy E2</b>	<b>VB,L,R,MBM,R</b>
1.9"	12x50	PB,PS,OVAL,NND,R=G		
<b>NGC 4548</b>	<b>Com</b>	<b>M91 H120-2</b>	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>
1.9"	12x50	VF,S,OVAL,NND,R=F		
<b>NGC 4569</b>	<b>Vir</b>	<b>M90</b>	<b>Galaxy SAB(rs)ab</b>	<b>PL,BMN</b>
1.9"	12x50	PB,PS,OVAL,NND,R=G		
<b>NGC 4594</b>	<b>Vir</b>	<b>M104 H43-1</b>	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>
1.9"	12x50	PB,PL,EON,NND,R=G		

## Observations Listing by Date

<b>April 21, 2007</b>		<b>Hidden Hollow - RAS</b>			
<b>MAC</b>	<b>1018+2742</b>	<b>Leo</b>	<b>Galaxy</b>		
	31"	17mmT4	CF,CS,R,NND,AV,R=F		
<b>MAC</b>	<b>1021+1927</b>	<b>Leo</b>	<b>Galaxy</b>		
	31"	17mmT4	F,S,OVAL,NND,AV,R=F		
<b>MAC</b>	<b>1022+1947</b>	<b>Leo</b>	<b>Galaxy</b>		
	31"	17mmT4	F,CS,OVAL,NND,AV,R=F		
<b>MAC</b>	<b>1023+2001</b>	<b>Leo</b>	<b>Galaxy</b>		
	31"	17mmT4	VF,CS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3196</b>	<b>Leo</b>	<b>H348-3 Galaxy</b>	<b>EEF,PS,LE</b>	
	31"	17mmT4	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>3204</b>	<b>Leo</b>	<b>Galaxy SAB(r)b</b>	<b>EF,PL,GBM</b>	
	31"	17mmT4	F,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>3209</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>F,S,R,HAS A *</b>	
	31"	17mmT4	PB,PLMOVAL,BNUC,R=G		
<b>NGC</b>	<b>3213</b>	<b>Leo</b>	<b>Galaxy Sbc:</b>	<b>VF,VS,R,R</b>	
	31"	17mmT4	DIFF,CF,PL,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>3216</b>	<b>Leo</b>	<b>H330-3 Galaxy E:</b>	<b>VF,PS,R,BM</b>	
	31"	17mmT4	PF,PS,OVAL,FNUC,R=F		
<b>NGC</b>	<b>3221</b>	<b>Leo</b>	<b>Galaxy SB(s)cd: sp</b>	<b>EF,ME,RAY</b>	
	31"	17mmT4	DIFF,PF,PL,EON,NND,R=F		
<b>NGC</b>	<b>3222</b>	<b>Leo</b>	<b>Galaxy SB0:</b>	<b>F,LBM,RR,(BIN)</b>	
	31"	17mmT4	PB,PL,OVAL,FNUC,R=F		
<b>NGC</b>	<b>3230</b>	<b>Leo</b>	<b>Galaxy S0</b>	<b>PF,PS,SBM*14,*9S19"</b>	
	31"	17mmT4	PB,PL,EL,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>3239</b>	<b>Leo</b>	<b>H10-4 Galaxy IB(s)m pec</b>	<b>VF,*9INV NR M</b>	
	31"	17mmT4	DIFF,PF,CL,OVAL,NND,R=F		
<b>NGC</b>	<b>3248</b>	<b>Leo</b>	<b>H347-2 Galaxy S0</b>	<b>PB,S,R,PSBM</b>	
	31"	17mmT4	PB,PL,EL,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>3253</b>	<b>Leo</b>	<b>Galaxy SAB(rs)bc</b>	<b>VF,PS,R</b>	
	31"	17mmT4	DIFF,PF,PL,R,NND,R=F		
<b>NGC</b>	<b>3270</b>	<b>Leo</b>	<b>H331-3 Galaxy SAB(r)b:</b>	<b>CF,VS,E,GLBM</b>	
	31"	17mmT4	PB,PL,EON,FNUC,R=G		
<b>NGC</b>	<b>3287</b>	<b>Leo</b>	<b>Galaxy SB(s)d</b>	<b>F,PL,D*P24S,S4'</b>	
	31"	17mmT4	DIFF,PF,PL,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>3299</b>	<b>Leo</b>	<b>H54-3 Galaxy SAB(s)dm</b>	<b>EF,CL,R,VGBM,R</b>	
	31"	17mmT4	DIFF,CF,PL,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3300</b>	<b>Leo</b>	<b>H55-3 Galaxy SAB(r)0^:?</b>	<b>CF,CS,R,PMBM,R,AMBST</b>	
	31"	17mmT4	CB,PL,OVAL,FNUC,MSB,R=G		

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<b>NGC 3303</b> 31"	<b>Leo</b> 17mmT4	<b>H66-3</b> PF,PL,OVAL,UB,NND,R=F	<b>Galaxy Pec</b>	<b>VF,VS,VLE,GLBM,R</b>
<b>NGC 3306</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy SB(s)m?</b>	<b>F,S,R</b>
<b>NGC 3332</b> 31"	<b>Leo</b> 17mmT4	<b>H272-1</b> DIFF,PF,PL,R,NND,R=F	<b>Galaxy (R)SA0-</b>	<b>VF,S,LE130</b>
<b>NGC 3346</b> 31"	<b>Leo</b> 17mmT4	<b>H7-5</b> DIFF,PF,PL,R,NND,R=F	<b>Galaxy SB(rs)cd</b>	<b>CF,VL,R,VGVLBM,ER</b>
<b>NGC 3349</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy Sc</b>	<b>EF,VS</b>
<b>NGC 3356</b> 31"	<b>Leo</b> 17mmT4	<b>H107-3</b> PB,PL,EL,OVAL,FNUC,MSB,R=G	<b>Galaxy Sbc</b>	<b>VF,PS,R,BM,*9S150"</b>
<b>PGC 30221</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy Sb</b>	
<b>PGC 30263</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy S?</b>	
<b>PGC 30265</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy</b>	
<b>PGC 30326</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy S</b>	
<b>PGC 30328</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy Sab</b>	
<b>PGC 30397</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy</b>	
<b>PGC 30431</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy</b>	
<b>PGC 30432</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy L</b>	
<b>PGC 30456</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy</b>	
<b>PGC 30464</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy S</b>	
<b>PGC 30573</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy S</b>	
<b>PGC 30585</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy SB?</b>	
<b>PGC 31526</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy Sc</b>	

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**April 19, 2007****Hidden Hollow - RAS**

<b>IC</b>	<b>663</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>664</b>	<b>Leo</b>	<b>Galaxy S0?</b>	
	31"	17mmT4	FB,L,OVAL,UB,NND,R=F	
<b>IC</b>	<b>666</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	B,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>2626</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	F,PS,EON,NND,R=F	
<b>MAC</b>	<b>1104+0501</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1109+2157</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,VS,OVAL,UB,NND,R=F	
<b>MAC</b>	<b>1109+2158</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,VS,EON,UB,NND,R=F	
<b>MAC</b>	<b>1110+2158</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,CS,OVAL,UB,NND,R=F	
<b>MAC</b>	<b>1110+2206</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>1110+2208</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>1110+2213</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3485</b>	<b>Leo</b>	<b>H100-2 Galaxy SB(r)b:</b>	<b>F,L,R,GLBM,R</b>
	31"	17mmT4	B,L,OVAL,UB,FNUC,R=G	
<b>NGC</b>	<b>3487</b>	<b>Leo</b>	<b>Galaxy Sb? sp</b>	<b>EEF,PS,R, V DIFFIC</b>
	31"	17mmT4	B,L,EL,OVAL,UB,NND,RR=F	
<b>NGC</b>	<b>3490</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>VF,S</b>
	31"	17mmT4	CF,PS,R,UB,NND,R=F	
<b>NGC</b>	<b>3491</b>	<b>Leo</b>	<b>H21-3 Galaxy S0-:</b>	<b>EF,CS,R,BMN</b>
	31"	17mmT4	CB,CL,R,BNUC,HISB,R=F	
<b>NGC</b>	<b>3492</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>PF,S,*9P20S,1'S</b>
	31"	17mmT4	PB,L,OVAL,UB,FNUC,R=G	
<b>NGC</b>	<b>3495</b>	<b>Leo</b>	<b>H498-3 Galaxy Sd:</b>	<b>VF,PL,ME</b>
	31"	17mmT4	B,PL,EON,FNUC,MHISB,R=G	
<b>NGC</b>	<b>3501</b>	<b>Leo</b>	<b>Galaxy Scd:</b>	<b>VF,ME NS,GBM,3'LONG</b>
	31"	17mmT4	B,L,EON,UB,NND,R=G	
<b>NGC</b>	<b>3506</b>	<b>Leo</b>	<b>H22-3 Galaxy Sc:</b>	<b>VF,CS,R,VGVLBM</b>
	31"	17mmT4	PB,L,R,FNUC,MHISB,R=G	

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<b>NGC 3509</b> 31"	<b>Leo</b> 17mmT4	<b>H598-3</b> B,PL,EL,OVAL,FNUC,MHISB,R=G	<b>Galaxy SA(s)bc pec</b>	<b>EF,S,(LE)</b>
<b>NGC 3522</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy E</b>	<b>PF,VS,LE</b>
<b>NGC 3524</b> 31"	<b>Leo</b> 17mmT4	<b>H23-3</b> PB,PL,EON,BNUC,HISB,R=G	<b>Galaxy S0/a</b>	<b>F,S,LE,PSBM,2*NPLINE</b>
<b>NGC 3531</b> 31"	<b>Leo</b> 17mmT4		<b>Non-Existent</b>	<b>E50,*11SPEND,(=3526)</b>
<b>NGC 3534</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy Sb</b>	<b>VF,*9NP 3'</b>
<b>NGC 3535</b> 31"	<b>Leo</b> 17mmT4	<b>H111-3</b> PB,CS,OVAL,BNUC,R=G	<b>Galaxy SA(s)a pec:</b>	<b>CF,VS,R,BM,R</b>
<b>NGC 3547</b> 31"	<b>Leo</b> 17mmT4	<b>H42-2</b> PB,L,UB,NND,R=G	<b>Galaxy Sb:</b>	<b>F,S,LE,VLBM</b>
<b>NGC 3551</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy</b>	<b>EEF,VS,R,SP OF 2</b>
<b>NGC 3555</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy E?</b>	<b>VF,R,NF OF 2</b>
<b>NGC 3559</b> 31"	<b>Leo</b> 17mmT4	<b>H79-3</b> B,PL,OVAL,UB,NND,R=F	<b>Galaxy S pec</b>	<b>EF,PS,LE,R</b>
<b>NGC 3563</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy SB0:</b>	<b>PF,PL,*8M2'N</b>
<b>NGC 3563A</b> 31"	<b>Leo</b> 17mmT4		<b>Non-Existent</b>	
<b>NGC 4038</b> 31"	<b>Crv</b> 17mmT4	<b>H28.1-4</b> PB,CL,OVAL,UB,NND,R=G	<b>Galaxy SB(s)m pec</b>	<b>PB,CL,R,VGBM</b>
<b>NGC 4039</b> 31"	<b>Crv</b> 17mmT4	<b>H28.2-4</b> PB,CL,OVAL,UB,NND,R=G	<b>Galaxy SA(s)m pec</b>	<b>PF,PL</b>
<b>NGC 4594</b> 31"	<b>Vir</b> 17mmT4	<b>M104 H43-1</b> VB,VL,EON,BNUC,VHISB,R=E!!	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>
<b>PGC 32948</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy</b>	
<b>PGC 33147</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy Sbc</b>	
<b>PGC 33170</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy</b>	
<b>PGC 33213</b> 31"	<b>Leo</b> 17mmT4		<b>Galaxy</b>	

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**April 19, 2007****Hidden Hollow - RAS**

<b>PGC</b>	<b>33237</b>	<b>Leo</b>	<b>Galaxy S</b>
	31"	17mmT4 VF,VS,EL,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>33244</b>	<b>Leo</b>	<b>Galaxy SB(s)c:</b>
	31"	17mmT4 CF,PS,EON,NND,R=F	
<b>PGC</b>	<b>33273</b>	<b>Leo</b>	<b>Galaxy</b>
	31"	17mmT4 CF,PS,OVAL,NND,R=F	
<b>PGC</b>	<b>33278</b>	<b>Leo</b>	<b>Galaxy Sab</b>
	31"	17mmT4 CF,PS,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>33282</b>	<b>Leo</b>	<b>Galaxy L</b>
	31"	17mmT4 B,VS,OVAL,FNUC,R=F	
<b>PGC</b>	<b>33396</b>	<b>Leo</b>	<b>Galaxy Dwarf Spiral</b>
	31"	17mmT4 VF,PS,R,NND,AV,R=F	
<b>PGC</b>	<b>33461</b>	<b>Leo</b>	<b>Galaxy SAB(r)b:</b>
	31"	17mmT4 VF,PS,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>33798</b>	<b>Leo</b>	<b>Galaxy E</b>
	31"	17mmT4 PF,PL,OVAL,UB,NND,R=F	
<b>PGC</b>	<b>33816</b>	<b>Leo</b>	<b>Galaxy</b>
	31"	17mmT4 CF,PS,R,NND,AV,R=F	
<b>PGC</b>	<b>33843</b>	<b>Leo</b>	<b>Galaxy</b>
	31"	17mmT4 VF,VS,EL,OVAL,NND,R=F	

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<b>April 15, 2007</b>		<b>Hidden Hollow - RAS</b>			
<b>IC</b>	<b>683</b>	<b>Leo</b>		<b>Galaxy D</b>	
	31"	17mmT4	PF,PS,R,UB,NND,R=F		
<b>MAC</b>	<b>1012+1243</b>	<b>Leo</b>		<b>Galaxy</b>	
	31"	17mmT4	PF,PS,R,NND,R=F		
<b>MAC</b>	<b>1013+1702</b>	<b>Leo</b>		<b>Galaxy</b>	
	31"	17mmT4	F,PS,EON,NND,R=F		
<b>MAC</b>	<b>1118+0937</b>	<b>Leo</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F		
<b>MAC</b>	<b>1120+0255A</b>	<b>Leo</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,R=F		
<b>MAC</b>	<b>1120-0558</b>	<b>Leo</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,EON,NND,AV,R=F		
<b>NGC</b>	<b>3130</b>	<b>Leo</b>		<b>Galaxy S0/a</b>	<b>EF,S,PSBM,*5SF</b>
	31"	17mmT4	PB,L,OVAL,FNUC,R=G		
<b>NGC</b>	<b>3131</b>	<b>Leo</b>		<b>Galaxy SBb:</b>	<b>PB,PS,PME,GBM</b>
	31"	17mmT4	PB,PL,EON,FNUC,R=G		
<b>NGC</b>	<b>3153</b>	<b>Leo</b>	<b>H53-3</b>	<b>Galaxy Scd:</b>	<b>EF,PL,VLE,R,ST INV</b>
	31"	17mmT4	PB,VL,OVAL,NND,R=G		
<b>NGC</b>	<b>3154</b>	<b>Leo</b>		<b>Galaxy Sb</b>	<b>F,S,R,LBM</b>
	31"	17mmT4	PB,L,EL,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>3177</b>	<b>Leo</b>	<b>H25-3</b>	<b>Galaxy SA(rs)b</b>	<b>CF,S,R,PSBM</b>
	31"	17mmT4	VB,PL,OVAL,BNUC,HISB,R=G		
<b>NGC</b>	<b>3185</b>	<b>Leo</b>		<b>Galaxy (R)SB(r)a</b>	<b>PF,PL,GMBM</b>
	31"	17mmT4	PB,L,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>3186</b>	<b>Leo</b>		<b>Galaxy S</b>	<b>PF,VS,GBM,SEVF*NR</b>
	31"	17mmT4	VF,L,R,NND,AV,R=F		
<b>NGC</b>	<b>3187</b>	<b>Leo</b>		<b>Galaxy SB(s)c pec</b>	<b>VF,E</b>
	31"	17mmT4	PB,L,EL,OVAL,NND,R=G		
<b>NGC</b>	<b>3190</b>	<b>Leo</b>	<b>H44-2</b>	<b>Galaxy SA(s)a pec sp</b>	<b>B,PS,E,PSBMN</b>
	31"	17mmT4	VB,PL,EON,BNUC,HISB,R=G		
<b>NGC</b>	<b>3193</b>	<b>Leo</b>	<b>H45-2</b>	<b>Galaxy E2</b>	<b>B,S,VLE,PSLBM,*9NF</b>
	31"	17mmT4	VB,L,R,BNUC,HISB,R=G		
<b>NGC</b>	<b>3623</b>	<b>Leo</b>	<b>M65</b>	<b>Galaxy SAB(rs)a</b>	<b>B,VL,ME165,GBMBN</b>
	31"	32mmUW	VB,VL,EON,BNUC,HISB,R=E		
<b>NGC</b>	<b>3624</b>	<b>Leo</b>		<b>Galaxy SB(r)b</b>	<b>EF</b>
	31"	17mmT4	PF,S,OVAL,NND,R=F		
<b>NGC</b>	<b>3627</b>	<b>Leo</b>	<b>M66</b>	<b>Galaxy SAB(s)b</b>	<b>B,VL,ME150,MBM,2*NP</b>
	31"	32mmUW	VB,PL,EL,OVAL,BNUC,HISB,R=G		

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**April 15, 2007****Hidden Hollow - RAS**

<b>NGC 3629</b> 31"	<b>Leo</b> 17mmT4	<b>H338-2</b> F,PL,OVAL,NND,R=F	<b>Galaxy SA(s)cd:</b>	<b>CF,L,R,VGVLBM</b>
<b>NGC 3630</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S0 sp</b> VB,PL,EONB,BNUC,HISB,R=G		<b>PB,S,R,SMBMN</b>
<b>NGC 3633</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy SAa: sp</b> PB,L,EON,UB,NND,R=F		<b>VF,S,R,2ST NR</b>
<b>NGC 3639</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S?</b> B,L,OVAL,UB,NND,R=F		<b>PF,S,R,VLBM,15'F2376</b>
<b>NGC 3640</b> 31"	<b>Leo</b> 17mmT4	<b>H33-2 Galaxy E3</b> PB,L,R,BNUC,HISB,R=G		<b>B,PL,R,PSBM</b>
<b>NGC 3641</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy E pec</b> PB,S,R,BNUC,HISB,R=G		<b>F,VS,ALMSTEL,3640N2'</b>
<b>NGC 3643</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy SB(r)0+: sp</b> F,L,OVAL,UB,NND,R=F		<b>EF,VS</b>
<b>NGC 3644</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy (R')SBa pec:</b> PF,S,EL,OVAL,UB,NND,R=F		<b>VF,VS</b>
<b>PGC 29722</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S</b> PB,L,EON,BNUC,HISB,R=G		
<b>PGC 29768</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S</b> PF,S,OVAL,NND,R=F		
<b>PGC 30008</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S</b> B,PS,R,NND,R=F		
<b>PGC 34591</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy S0 pec</b> VF,VS,R,NND,AV,R=F		
<b>PGC 34633</b> 31"	<b>Leo</b> 17mmT4	<b>Galaxy</b> VF,VS,OVAL,NND,R=F		



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**March 20, 2007****Hidden Hollow - RAS**

<b>NGC 1588</b> 8"	<b>Tau</b> 11mmT6	<b>H9-2</b> VF,VS,OVAL,NND,AV,R=F	<b>Galaxy E pec?</b>	<b>F,VS,R,R,F OF DNEB</b>
<b>NGC 2045</b> 8"	<b>Ori</b> 11mmT6	<b>Non-Existent</b> SINGLE STAR,R=P		<b>*8,9W/ F NEB</b>
<b>NGC 2296</b> 8"	<b>CMa</b> 11mmT6	<b>Nebula E</b> VF,PS,OVAL,NND,AV,R=F		<b>VF,VS,R</b>
<b>NGC 2545</b> 8"	<b>Cnc</b> 7.5mmW	<b>H627-2</b> VF,VS,OVAL,NND,AV,R=F	<b>Galaxy (R)SB(r)ab</b>	<b>F,S,LE45,*8NP4'</b>
<b>NGC 2562</b> 8"	<b>Cnc</b> 11mmT6	<b>H607-3</b> VF,VS,OVAL,NND,AV,R=F	<b>Galaxy S0/a:</b>	<b>VF,CS,R</b>
<b>NGC 2608</b> 8"	<b>Cnc</b> 11mmT6	<b>H318-2</b> PF,VS,OVAL,NND,AV,R=F	<b>Galaxy SB(s)b:</b>	<b>F,VLE,MBM,R</b>
<b>NGC 2672</b> 8"	<b>Cnc</b> 11mmT6	<b>H48-2</b> VF,VS,R,NND,AV,R=F	<b>Galaxy E1-2</b>	<b>PB,PL,IR,MBM</b>
<b>NGC 2750</b> 8"	<b>Cnc</b> 11mmT6	<b>H291-3</b> VF,VS,R,NND,AV,R=F	<b>Galaxy SABc</b>	<b>VF,CL,R,BMN,2C *P</b>
<b>NGC 2764</b> 8"	<b>Cnc</b> 11mmT6	<b>H236-3</b> VF,VS,OVAL,NND,AV,R=F	<b>Galaxy S0:</b>	<b>CF,VS,R,ER,BET2PB*</b>
<b>NGC 2905</b> 8"	<b>Leo</b> 11mmT6	<b>H57-1</b> PB,L,OVAL,FNUC,USB,R=G	<b>Knot in Galaxy</b>	<b>VF,CL,R,PSBM,R,NFOF2</b>
<b>NGC 2955</b> 8"	<b>LMI</b> 11mmT6	<b>H541-3</b> VF,VS,OVAL,NND,AV,SUSP,R=P	<b>Galaxy (R')SA(r)b</b>	<b>CF,PS,IR,GLBM,R</b>
<b>NGC 3003</b> 8"	<b>LMI</b> 11mmT6	<b>H26-5</b> VF,L,EON,NND,AV,R=F	<b>Galaxy Sbc?</b>	<b>CB,L,VME90</b>
<b>NGC 3021</b> 8"	<b>LMI</b> 11mmT6	<b>H115-1</b> PF,PS,OVAL,NND,AV,R=F	<b>Galaxy SA(rs)bc:</b>	<b>PB,PS,VLE,MBM,*10SP</b>
<b>NGC 3158</b> 8"	<b>LMI</b> 11mmT6	<b>H639-2</b> VF,VS,R,NND,AV,R=F	<b>Galaxy E3:</b>	<b>CB,CS,R,PSBM,R</b>
<b>NGC 3177</b> 8"	<b>Leo</b> 11mmT6	<b>H25-3</b> PF,VS,R,NND,AV,R=F	<b>Galaxy SA(rs)b</b>	<b>CF,S,R,PSBM</b>
<b>NGC 3222</b> 8"	<b>Leo</b> 11mmT6	<b>Galaxy SB0:</b> VF,VS,OVAL,NND,AV,R=F		<b>F,LBM,RR,(BIN)</b>
<b>NGC 3254</b> 8"	<b>LMI</b> 11mmT6	<b>H72-1</b> F,L,EON,NND,R=F	<b>Galaxy SA(s)bc</b>	<b>CB,L,ME45,PSMBMN</b>
<b>NGC 3381</b> 8"	<b>LMI</b> 11mmT6	<b>H565-2</b> VF,PS,R,NND,AV,R=F	<b>Galaxy SB pec</b>	<b>PF,CL,IR,VGLBM,1ST-3</b>
<b>NGC 3510</b> 8"	<b>LMI</b> 11mmT6	<b>H365-2</b> PF,L,EON,NND,AV,R=F	<b>Galaxy SB(s)m sp</b>	<b>F,L,CE,*7NF8'</b>

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**NGC 3512**  
8"

**LMi H366-2 Galaxy SAB(rs)c**  
11mmT6 VF,VS,R,NND,AV,R=F

**F,PS,R,PGBM,F OF 2**

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**March 18, 2007****Hidden Hollow - RAS**

<b>NGC</b>	<b>3621</b>	<b>Hya</b>	<b>H241-1</b>	<b>Galaxy SA(s)d</b>	<b>CB,VL,E160,AM4*</b>
	8"	11mmT6	PF,PL,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3953</b>	<b>UMa</b>	<b>H45-5</b>	<b>Galaxy SB(r)bc</b>	<b>CB,L,E0,VSMBLRN</b>
	8"	11mmT6	PB,PL,EL,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>3982</b>	<b>UMa</b>	<b>H62-4</b>	<b>Galaxy SAB(r)b:</b>	<b>B,PL,R,G,SBM,DISC</b>
	8"	11mmT6	PF,L,OVAL,NND,=F		
<b>NGC</b>	<b>3998</b>	<b>UMa</b>	<b>H229-1</b>	<b>Galaxy SA(r)0^?</b>	<b>CB,PS,R,VG,SMBM</b>
	8"	11mmT6	PB,PL,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>4024</b>	<b>Crv</b>	<b>H295-2</b>	<b>Galaxy SAB0-</b>	<b>F,VS,IF,BM</b>
	8"	11mmT6	PF,PS,R,NND,AV,R=F		
<b>NGC</b>	<b>4026</b>	<b>UMa</b>	<b>H223-1</b>	<b>Galaxy S0 sp</b>	<b>VB,CL,ME176,VSVMBMBN</b>
	8"	11mmT6	PB,L,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>4033</b>	<b>Crv</b>	<b>H508-2</b>	<b>Galaxy E6</b>	<b>PB,S,LE,BM</b>
	8"	11mmT6	VF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>4036</b>	<b>UMa</b>	<b>H253-1</b>	<b>Galaxy S0-</b>	<b>VB,VL,E</b>
	8"	11mmT6	PB,PL,EON,FNUC,MSB,R=G		
<b>NGC</b>	<b>4041</b>	<b>UMa</b>	<b>H252-1</b>	<b>Galaxy SA(rs)bc:</b>	<b>B,CL,R,G,PSVMBMRN</b>
	8"	11mmT6	PF,PL,R,NND,R=F		
<b>NGC</b>	<b>4051</b>	<b>UMa</b>	<b>H56-4</b>	<b>Galaxy SAB(rs)bc</b>	<b>B,VL,E,VGVSMBM*11</b>
	8"	11mmT6	PF,L,R,NND,AV,R=F		
<b>NGC</b>	<b>4085</b>	<b>UMa</b>	<b>H224-1</b>	<b>Galaxy SAB(s)c:?</b>	<b>B,PL,ME78,VSMB</b>
	8"	11mmT6	VF,PS,EL,EON,NND,AV,R=F		
<b>NGC</b>	<b>4088</b>	<b>UMa</b>	<b>H206-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>B,CL,E55,LBM</b>
	8"	11mmT6	PF,L,EON,UB,NND,R=F		
<b>NGC</b>	<b>4094</b>	<b>Crv</b>		<b>Galaxy SAB(rs)cd:</b>	<b>EF,L,PME,VGBM,2*11NR</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>4102</b>	<b>UMa</b>	<b>H225-1</b>	<b>Galaxy SAB(s)b?</b>	<b>B,PS,R,BMBN,*12SPVNR</b>
	8"	11mmT6	PF,PS,EL,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>4114</b>	<b>Crv</b>	<b>H533-3</b>	<b>Galaxy (R')SAB(rs)a:</b>	<b>CF,S,IR,GBM</b>
	8"	11mmT6	VF,VS,R,NND,AV,R=F		
<b>NGC</b>	<b>5322</b>	<b>UMa</b>	<b>H256-1</b>	<b>Galaxy E3-4</b>	<b>VB,PL,IR,PSMBM</b>
	8"	11mmT6	PB,L,OVAL,FNUC,HISB,R=G		
<b>NGC</b>	<b>5473</b>	<b>UMa</b>	<b>H231-1</b>	<b>Galaxy SAB(s)0-:</b>	<b>PB,S,R,GBM</b>
	8"	11mmT6	PF,PS,OVAL,UB,NND,R=F		
<b>NGC</b>	<b>5474</b>	<b>UMa</b>	<b>H214-1</b>	<b>Galaxy S(c)</b>	<b>PB,L,BM</b>
	8"	11mmT6	VF,PS,R,NND,AV,R=F		
<b>NGC</b>	<b>5485</b>	<b>UMa</b>	<b>H232-1</b>	<b>Galaxy SA0 pec</b>	<b>CB,R,VGBM,F OF 2</b>
	8"	11mmT6	PF,PS,R,NND,AV,R=F		

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<b>NGC 5631</b> 8"	<b>UMa</b> 11mmT6	<b>H236-1</b> CF,CS,R,NND,R=F	<b>Galaxy SA(s)0^</b>	<b>B,S,R,PSBMN</b>
<b>NGC 5812</b> 8"	<b>Lib</b> 11mmT6	<b>H71-1</b> PF,PS,OVAL,NND,R=F	<b>Galaxy E0</b>	<b>CB,S,R,SVMBM</b>
<b>NGC 6196</b> 8"	<b>Her</b> 11mmT6		<b>Galaxy SAB0-: pec</b>	<b>VF,VS,STELLAR</b>
<b>NGC 6207</b> 8"	<b>Her</b> 11mmT6	<b>H701-2</b> PF,L,OVAL,NND,R=F	<b>Galaxy SA(s)c</b>	<b>PB,PL,E45,VGMBM</b>
<b>NGC 6217</b> 8"	<b>UMi</b> 11mmT6	<b>H280-1</b> VF,VS,R,NND,AV,R=F	<b>Galaxy (R)SB(rs)bc</b>	<b>B,CL,LE,SLBM</b>
<b>NGC 6239</b> 8"	<b>Her</b> 11mmT6	<b>H727-3</b> PF,L,OVAL,NND,AV,R=F	<b>Galaxy SB(s)b pec?</b>	<b>VF,E,BIN,NPSF</b>
<b>NGC 6555</b> 8"	<b>Her</b> 7.5mmW	<b>H902-2</b> VF,VS,OVAL,NND,AV,R=F	<b>Galaxy SAB(rs)c</b>	<b>F,L,R,VGLBM</b>
<b>NGC 6664</b> 8"	<b>Sct</b> 11mmT6	<b>H12-8</b> B,L,LOOSE GROUP,R=F	<b>Open Cluster 9.0 III 2 m</b>	<b>CL,L,PRI,VLC</b>

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<b>March 17, 2007</b>		<b>Hidden Hollow - RAS</b>				
<b>NGC</b>	<b>598</b>	<b>Tri</b>	<b>M33 H17-5</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN</b>	<b>6</b>
	8"	25mmPL	M.M. BETWEEN CLOUDS			
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>	
	1.9"	12x50	M.M. BETWEEN CLOUDS			
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>	
	1.9"	12x50	M.M. BETWEEN CLOUDS			
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>	
	1.9"	12x50	M.M. BETWEEN CLOUDS			
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>	
	1.9"	12x50	M.M. BETWEEN CLOUDS			
<b>NGC</b>	<b>2068</b>	<b>Ori</b>	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>	
	1.9"	12x50	M.M. BETWEEN CLOUDS			
<b>NGC</b>	<b>2099</b>	<b>Aur</b>	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>	
	1.9"	12x50	M.M. BETWEEN CLOUDS			
<b>NGC</b>	<b>3610</b>	<b>UMa</b>	<b>H270-1</b>	<b>Galaxy E5:</b>	<b>VB,PS,LE90,VSVMBMSN</b>	
	8"	11mmT6	PB,S,R,BNUC,R=G			
<b>NGC</b>	<b>3613</b>	<b>UMa</b>	<b>H271-1</b>	<b>Galaxy E6</b>	<b>VB,CL,ME305,SMBMN</b>	
	8"	11mmT6	F,PS,OVAL,FNUC,R=G			
<b>NGC</b>	<b>3619</b>	<b>UMa</b>	<b>H244-1</b>	<b>Galaxy (R)SA(s)0+:</b>	<b>CB,CL,R,VGMBM</b>	
	8"	11mmT6	F,PS,R,NND,R=F			
<b>NGC</b>	<b>3631</b>	<b>UMa</b>	<b>H226-1</b>	<b>Galaxy SA(s)c</b>	<b>PB,L,R,SVMBMRN</b>	
	8"	11mmT6	B,PL,R,FNUC,R=G			
<b>NGC</b>	<b>3642</b>	<b>UMa</b>	<b>H245-1</b>	<b>Galaxy SA(r)bc:</b>	<b>PB,PL,R,VGBM</b>	
	8"	11mmT6	F,PL,OVAL,NND,R=F			
<b>NGC</b>	<b>3643</b>	<b>Leo</b>		<b>Galaxy SB(r)0+: sp</b>	<b>EF,VS</b>	
	8"	11mmT6	F,PS,OVAL,FNUC,R=F			
<b>NGC</b>	<b>3665</b>	<b>Leo</b>	<b>H219-1</b>	<b>Galaxy SA(s)0^</b>	<b>CB,CL,IR,PGMBM</b>	
	8"	11mmT6	PB,L,OVAL,BNUC,R=G			
<b>NGC</b>	<b>3675</b>	<b>UMa</b>	<b>H194-1</b>	<b>Galaxy SA(s)b</b>	<b>VB,CL,VME0,VSMBMN</b>	
	8"	11mmT6	PB,PL,EL,OVAL,BNUC,R=G			
<b>NGC</b>	<b>3726</b>	<b>UMa</b>	<b>H730-2</b>	<b>Galaxy SAB(r)c</b>	<b>PB,VL,LE0,VSMBM,*11N</b>	
	8"	11mmT6	PF,PL,OVAL,NND,R=F			
<b>NGC</b>	<b>3813</b>	<b>UMa</b>	<b>H94-1</b>	<b>Galaxy SA(rs)b:</b>	<b>CB,PL,PME90,BM</b>	
	8"	11mmT6	CF,CS,OVAL,NND,R=F			
<b>NGC</b>	<b>3877</b>	<b>UMa</b>	<b>H201-1</b>	<b>Galaxy SA(s)c:</b>	<b>B,L,ME37</b>	
	8"	11mmT6	PF,PL,EON,NND,R=F			
<b>NGC</b>	<b>3888</b>	<b>UMa</b>	<b>H785-2</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,S,LE,PGBM</b>	
	8"	11mmT6	PF,PS,UB,NND,R=F			

## Observations Listing by Date

**March 17, 2007****Hidden Hollow - RAS**

<b>NGC</b>	<b>3893</b>	<b>UMa</b>	<b>H738-2</b>	<b>Galaxy SAB(rs)c:</b>	<b>B,PL,R,MBM</b>
	8"	11mmT6	VF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3898</b>	<b>UMa</b>	<b>H228-1</b>	<b>Galaxy SA(s)ab</b>	<b>B,PL,LE,SVMBM</b>
	8"	11mmT6	PB,PS,OVALFNUC,R=G		
<b>NGC</b>	<b>3938</b>	<b>UMa</b>	<b>H203-1</b>	<b>Galaxy SA(s)c</b>	<b>B,VL,R,BMPBN,ER</b>
	8"	11mmT6	DIFF,PF,PL,OVAL,NND,R=F		
<b>NGC</b>	<b>3941</b>	<b>UMa</b>	<b>H173-1</b>	<b>Galaxy SB(s)0^</b>	<b>VB,PL,R,SMBM*9</b>
	8"	11mmT6	PB,CS,OVA,,BNUC,R=G		
<b>NGC</b>	<b>3945</b>	<b>UMa</b>	<b>H251-1</b>	<b>Galaxy (R)SB(rs)0+</b>	<b>B,PL,R,GMBM,R,*12SP</b>
	8"	11mmT6	PF,S,OVAL,NND,R=F		
<b>NGC</b>	<b>3949</b>	<b>UMa</b>	<b>H202-1</b>	<b>Galaxy SA(s)bc:</b>	<b>CB,PL,PME,VGBM</b>
	8"	11mmT6	PF,S,OVAL,NND,R=F		

## Observations Listing by Date

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NGC	2183	Mon		Nebula R	EF,S,LE,*11,12SP
	8"	11mmT6	PF,PS,R=F,HINT OF NEBULOSITY		
NGC	2185	Mon	H20-4	Nebula R	*11\$4S*IN VF,L,NEB
	8"	11mmT6	PF,PS,R=F,HINT OF NEBULOSITY		
NGC	2232	Mon	H25-8	Open Cluster 5.0 III 2 p	B* 10MON +CL
	8"	19mmW	PB,PL,R=F,LOOSE GROUP		
NGC	2264	Mon	H5-8	Open Cluster 5.0 III 3 m n	15MON,CL,**,(NEB)
	8"	19mmW	PB,PL,R-G		
NGC	2350	CMi		Galaxy S0/a	EF,ES,IR
	8"	11mmT6	PB,S,R=F,RESOLVE 12+ STARS		
NGC	2360	CMa	H12-7	Open Cluster 10.4 I 3 r	CL,VL,RI,PC,ST9...12
	8"	19mmW	F,S,R=F,RESOLVE 7+ STARS		
NGC	2421	Pup	H67-7	Open Cluster 11.0 I 2 r	CL,L,CRI,*11...13
	8"	19mmW	F,PL,R=F,DIM PATCH		
NGC	2423	Pup	H28-7	Open Cluster 9.0 II 2 m	CL,VL,RI,PC,ST VS
	8"	19mmW	F,PL,R=G,DIM PATCH		
NGC	2438	Pup	H39-4	Planetary Neb 4+2	PLN,PB,PS,VLE,R
	8"	7.5mmW	VF,VS,R=F, NO CENTRAL STAR		
NGC	2440	Pup	H64-4	Planetary Neb 5+3	PLN,CB,NOT VWELL DEF
	8"	7.5mmW	F,PS,R=F,IRREGULAR IN SHAPE		
NGC	2479	Pup	H58-7	Open Cluster III 1 m	CL,PL,PRI,PC,ST S
	8"	19mmW	F,S,R=F,LOOSE GROUP		
NGC	2482	Pup	H10-7	Open Cluster 10.0 IV 1 m	CL,L,CRI,VLC
	8"	19mmW	B,PL,R=F, LOOSE GROUP		
NGC	2489	Pup	H23-7	Open Cluster 11.0 I 2 m	CL,PL,CRI,PC,*11..13
	8"	19mmW	F,S,R=F		
NGC	2509	Pup	H1-8	Open Cluster I 1 r	CL,B,PRI,LC,ST S
	8"	19mmW	F,PL,R=F,DIM PATCH		
NGC	2527	Pup	H30-8	Open Cluster II2m	CL,VL,PRI,LC,*10..15
	8"	19mmW	F,PL,R=F,PATCHY		
NGC	2539	Pup	H11-7	Open Cluster 9.0 III 2 m	CL,VL,RI,LC,*11...13
	8"	19mmW	B,PL,R=G,RESOLVE FAINTER STARS		
NGC	2567	Pup	H64-7	Open Cluster 11.0 II 2 m	CL,PL,PRI,LC,IR,*11.
	8"	19mmW	PF,L,R=F		
NGC	2571	Pup	H39-6	Open Cluster 8.8 II 3 m	CL,VL,CRI,LC,ST9...
	8"	19mmW	VF,L,R=F		
NGC	2613	Pyx	H266-2	Galaxy SA(s)b	CB,L,VME110
	8"	11mmT6	PF,PS,EON,NND,AV,R=F		

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<b>NGC</b>	<b>2627</b>	<b>Pyx</b>	<b>H63-7</b>	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,CL,PRI,PC,*11..13</b>
	8"	11mmT6	PF,S,R=F		
<b>NGC</b>	<b>2683</b>	<b>Lyn</b>	<b>H200-1</b>	<b>Galaxy SA(rs)b</b>	<b>VB,VL,VME39,GMBM</b>
	8"	11mmT6	PB,PL,EON,FNUC,R=G		
<b>NGC</b>	<b>2742</b>	<b>UMa</b>	<b>H249-1</b>	<b>Galaxy SA(s)c:</b>	<b>CB,CL,E90,ER</b>
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>2782</b>	<b>Lyn</b>	<b>H167-1</b>	<b>Galaxy SAB(rs)a pec</b>	<b>CB,R,MBMBN</b>
	8"	11mmT6	PF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>2859</b>	<b>LMI</b>	<b>H137-1</b>	<b>Galaxy (R)SB(r)0+</b>	<b>VB,PL,R,SMBM</b>
	8"	11mmT6	PF,S,R,NND,R=F		
<b>NGC</b>	<b>2974</b>	<b>Sex</b>	<b>H61-1</b>	<b>Galaxy E4</b>	<b>B,CS,IR,BM,*9SP43"</b>
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>3077</b>	<b>UMa</b>	<b>H286-1</b>	<b>Galaxy I0 pec</b>	<b>CB,CL,MBM,R WITH RAY</b>
	8"	11mmT6	PF,L,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3166</b>	<b>Sex</b>	<b>H3-1</b>	<b>Galaxy SAB(rs)0/a</b>	<b>B,PS,R,PSMBM,2ND OF3</b>
	8"	11mmT6	CB,CL,OVAL,FNUC,MHISB,R=G		
<b>NGC</b>	<b>3169</b>	<b>Sex</b>	<b>H4-1</b>	<b>Galaxy SA(s)a pec</b>	<b>B,PL,VLE,PGMBM,3RD-3</b>
	8"	11mmT6	CB,CL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>3184</b>	<b>UMa</b>	<b>H168-1</b>	<b>Galaxy SBc</b>	<b>PB,VL,R,VGBM</b>
	8"	11mmT6	VF,S,R,NND,AV,R=F		
<b>NGC</b>	<b>3198</b>	<b>UMa</b>	<b>H199-1</b>	<b>Galaxy SB(rs)c</b>	<b>PB,VL,ME45,VGBM</b>
	8"	11mmT6	VF,S,EON,NND,AV,R=F		
<b>NGC</b>	<b>3245</b>	<b>LMI</b>	<b>H86-1</b>	<b>Galaxy SA(r)0^:?</b>	<b>VB,PL,E0, SMBMEN</b>
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>3277</b>	<b>LMI</b>	<b>H359-2</b>	<b>Galaxy SA(r)ab</b>	<b>CB,CS,R,PGMBM</b>
	8"	11mmT6	VF,VS,R,NND,R=F		
<b>NGC</b>	<b>3294</b>	<b>LMI</b>	<b>H164-1</b>	<b>Galaxy SA(s)c</b>	<b>CB,L,ME135,GLBM</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3310</b>	<b>UMa</b>	<b>H60-4</b>	<b>Galaxy SAB(r)bc pec</b>	<b>CB,PL,R,VG,VSMBMN</b>
	8"	11mmT6	CB,PS,R,FNUC,R=G		
<b>NGC</b>	<b>3344</b>	<b>LMI</b>	<b>H81-1</b>	<b>Galaxy (R)SAB(r)bc</b>	<b>CB,L,GBM,*INV,2ST F</b>
	8"	11mmT6	PF,CL,OVAL,FNUC,R=F		
<b>NGC</b>	<b>3486</b>	<b>LMI</b>	<b>H87-1</b>	<b>Galaxy SAB(r)c</b>	<b>CB,CL,R,GMBM</b>
	8"	11mmT6	VF,CL,R,NND,AV,R=F		
<b>NGC</b>	<b>3610</b>	<b>UMa</b>	<b>H270-1</b>	<b>Galaxy E5:</b>	<b>VB,PS,LE90,VSVMBMSN</b>
	8"	11mmT6	PF,PS,R,NND,R=F		
<b>NGC</b>	<b>3655</b>	<b>Leo</b>	<b>H5-1</b>	<b>Galaxy SA(s)c:</b>	<b>PB,PS,IR,BM,R</b>
	8"	11mmT6	VF,VS,R,NND,AV,R=F		



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**March 13, 2007****Hidden Hollow - RAS**

<b>NGC</b>	<b>4449</b>	<b>CVn</b>	<b>H213-1</b>	<b>Galaxy IBm</b>	<b>VB,CL,ME,DORBIFID,*F</b>
	8"	11mmT6	PB,PL,OVAL,FNUC,MHISB,R=G		

**March 10, 2007****Hidden Hollow - RAS**

<b>NGC</b>	<b>2287</b>	<b>CMa</b>	<b>M41</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,B,LC,ST 8...</b>
	1.9"	12x50	VB,VL,NND,R=G, RESOLVE 12+		
<b>NGC</b>	<b>2359</b>	<b>CMa</b>	<b>H21-5</b>	<b>Nebula E</b>	<b>VF,VVL,VIF</b>
	8"	19mmW	PB,L,NEBULOSITY,R=G,OIII FILTER		
<b>NGC</b>	<b>3623</b>	<b>Leo</b>	<b>M65</b>	<b>Galaxy SAB(rs)a</b>	<b>B,VL,ME165,GBMBN</b>
	1.9"	12x50	VF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3627</b>	<b>Leo</b>	<b>M66</b>	<b>Galaxy SAB(s)b</b>	<b>B,VL,ME150,MBM,2*NP</b>
	1.9"	12x50	B,PL,OVAL,NND,R=G		
<b>NGC</b>	<b>4321</b>	<b>Com</b>	<b>M100</b>	<b>Galaxy SAB(s)bc</b>	<b>PF,VL,R,VG,PSBMRN</b>
	1.9"	12x50	F,S,OVAL,NND,R=F		
<b>NGC</b>	<b>4382</b>	<b>Com</b>	<b>M85</b>	<b>Galaxy SA(s)0+ pec</b>	<b>VB,PL,R,BM,*NP</b>
	1.9"	12x50	VF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>4486</b>	<b>Vir</b>	<b>M87</b>	<b>Galaxy E+0-1 pec</b>	<b>VB,VL,R,MBM,3RD OF 3</b>
	1.9"	12x50	PF,S,OVAL,R=F		
<b>NGC</b>	<b>4501</b>	<b>Com</b>	<b>M88</b>	<b>Galaxy SA(rs)b</b>	<b>B,VL,VME</b>
	1.9"	12x50	PF,S,OVAL,NND,R=F		
<b>NGC</b>	<b>4552</b>	<b>Vir</b>	<b>M89</b>	<b>Galaxy E0-1</b>	<b>PB,PS,R,GMBM</b>
	1.9"	12x50	B,S,R,NND,R=F		
<b>NGC</b>	<b>4579</b>	<b>Vir</b>	<b>M58</b>	<b>Galaxy SAB(rs)b</b>	<b>B,L,IR,VMBM,R</b>
	1.9"	12x50	F,S,R,NND,R=F		
<b>NGC</b>	<b>4621</b>	<b>Vir</b>	<b>M59</b>	<b>Galaxy E5</b>	<b>B,PL,LE,VSVMBM,2*P</b>
	1.9"	12x50	B,PS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>4649</b>	<b>Vir</b>	<b>M60</b>	<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
	1.9"	12x50	B,PS,R,FNUC,R=G		
<b>NGC</b>	<b>4826</b>	<b>Com</b>	<b>M64</b>	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
	1.9"	12x50	B,PL,OVAL,NND,R=G		
<b>NGC</b>	<b>5024</b>	<b>Com</b>	<b>M53</b>	<b>Globular</b>	<b>GCL,B,VC,IR,VVMBM,</b>
	1.9"	12x50	PB,PL,R=G,COMPRESSED		
<b>NGC</b>	<b>5053</b>	<b>Com</b>	<b>H7-6</b>	<b>Globular</b>	<b>CL,VF,PL,IR,VGBM,*15</b>
	1.9"	12x50	PB,PL,R=G,COMPRESSED		
<b>NGC</b>	<b>5055</b>	<b>CVn</b>	<b>M63</b>	<b>Galaxy SA(rs)bc</b>	<b>VB,L,PME120,VSMBMBN</b>
	1.9"	12x50	F,FL,OVAL,NND,R=G		
<b>NGC</b>	<b>5272</b>	<b>CVn</b>	<b>M3</b>	<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>
	1.9"	12x50	F,PS,R=F		

## Observations Listing by Date

**March 8, 2007 Home**

NGC	2232	Mon	H25-8	Open Cluster 5.0	III 2 p	B* 10MON +CL
	1.9"	12x50	FB,S,LOOSE,R=F			
NGC	2244	Mon	H2-7	Open Cluster 7.0	II 3 r n	CL, BEAUTIFUL, STSC
	1.9"	12x50	PB,S,VFAINT NEBULOSITY,R=F			
NGC	2264	Mon	H5-8	Open Cluster 5.0	III 3 m n	15MON,CL,**,(NEB)
	1.9"	12x50	PB,S,R=F			
NGC	2301	Mon	H27-6	Open Cluster 8.0	I 3 r	CL,RI,L,IF,ST L\$\$
	1.9"	12x50	PB,S,COMPRESSED,R=F			
NGC	2323	Mon	M50	Open Cluster 9.0	II 3 r	CL,VL,RI,PC,E,
	1.9"	12x50	B,PL,RICH PATCH, RESOLVE 7+ STARS			
NGC	2632	Cnc	M44	Open Cluster 6.0	II 3 m	PRAESEPE CANCRI
	1.9"	12x50	B,L,RICH CLUSTER,R=G			
NGC	2682	Cnc	M67	Open Cluster 9.0	II 3 r	CL,VB,VL,ERI,LC,*10.
	1.9"	12x50	PB,PL,PATCHY,R=G			
NGC	3031	UMa	M81	Galaxy SA(s)ab		EB,EL,E156,GVMBMBN 2
	1.9"	12x50	FB,L,OVAL,FNUC,R=G			
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp		VB,VL,VME(RAY)
	1.9"	12x50	FB,FS,OVAL,NND,R=F			
NGC	3556	UMa	M108 H46-5	Galaxy SB(s)cd sp		CB,VL,VME79,PBM,R
	1.9"	12x50	F,S,EON,NND,R=F			
NGC	3587	UMa	M97	Planetary Neb 3a		PLN,VB,VL,R,VVG,VSBM
	1.9"	12x50	B,R,R=G. LOOKS STELLAR			
NGC	4736	CVn	M94	Galaxy (R)SA(r)ab		VB,L,IR,VSVMBMBN,R
	1.9"	12x50	PF,S,R,NND,R=F			

**January 11, 2007 Home**

NGC	5194	CVn	M51	Galaxy SA(s)bc pec		GREAT SPIRAL NEBULA
	1.9"	12x50	VB,PL,OVAL,BNUC,R=G			

**December 28, 2006 Home**

CR	62	Aur		Galaxy IV3p		
	1.9"	12x50	PF,S,PATCHY,UNRESOLVED,R=F			
CR	89	Gem		Galaxy IV2pn		
	1.9"	12x50	LARGE,FEW STARS,R=F			
NGC	1664	Aur	H59-8	Open Cluster 10.0	III 1 p	CL,LRI,LC,PL
	1.9"	12x50	F,S,PATCHY,AV,UNRESOLVED,R=F			
NGC	1778	Aur	H61-8	Open Cluster 10.1	III 2 p	CL,PC,LRI,IF,ST L
	1.9"	12x50	PF,PS,PATCHY,AV,UNRESOLVED,R=F			
NGC	1857	Aur	H33-7	Open Cluster 11.0	I 3 m	CL,PRI,PC,ST7...
	1.9"	12x50	F,S,PATCHY,UNRESOLVED,R=F			
NGC	2168	Gem	M35	Open Cluster 8.0	III 3 r	CL,VL,CRI,PC,ST9..16
	1.9"	12x50	B,L,RESOLVE OUTER STARS,R=G			

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## December 20, 2006 Hidden Hollow - RAS

<b>IC</b>	<b>456</b>	<b>CMa</b>	<b>Galaxy SB(rs)0^</b>	
	31"	17mmT4	PB,FL,OVAL,FNC,R=G	
<b>NGC</b>	<b>2359</b>	<b>CMa</b>	<b>H21-5</b>	<b>Nebula E</b>
	31"	31mmT5	VB,EL,NEBULOSITY!!,R=E!!!!,OIII FILTER	<b>VF,VVL,VIF</b>
<b>PGC</b>	<b>20383</b>	<b>Cam</b>	<b>Galaxy S?</b>	
	31"	17mmT4	PF,PS,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>20434</b>	<b>Cam</b>	<b>Galaxy I?</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>20460</b>	<b>Cam</b>	<b>Galaxy Ring</b>	
	31"	17mmT4	CB,PS,E,OVAL,FNUC,R=F	
<b>PGC</b>	<b>21685</b>	<b>Cam</b>	<b>Galaxy S</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>21693</b>	<b>Cam</b>	<b>Galaxy SB?</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>21896</b>	<b>Cam</b>	<b>Galaxy S0-</b>	
	31"	17mmT4	PB:,PS,E,OVAL,FNUC,MHISB,R=G	
<b>PGC</b>	<b>21971</b>	<b>Cam</b>	<b>Galaxy SAB(s)c?</b>	
	31"	17mmT4	PB,PL,R,BNUC,HISB,R=G	
<b>PGC</b>	<b>22010</b>	<b>Cam</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,CS,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>22044</b>	<b>Cam</b>	<b>Galaxy Sc</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>PGC</b>	<b>22050</b>	<b>Cam</b>	<b>Galaxy E?</b>	
	31"	17mmT4	PB,PL,E,OVAL,FNUC,R=G	
<b>PGC</b>	<b>22067</b>	<b>Cam</b>	<b>Galaxy S?</b>	
	31"	17mmT4	PF,PS,OVAL,NND,R=F	
<b>PGC</b>	<b>22127</b>	<b>Cam</b>	<b>Galaxy Sa</b>	
	31"	17mmT4	PB,PL,EON,BNUC,HISB,R=G	

## Observations Listing by Date

**December 19, 2006 Hidden Hollow - RAS**

<b>B</b>	<b>33</b>	<b>Ori</b>	<b>Nebula Ir</b>
	31"	31mmT5	PB,VL,R=E!!!, H.BETA FILTER
<b>HAFF</b>	<b>6</b>	<b>CMa</b>	<b>Open Cluster IV2rn</b>
	31"	17mmT4	PF,PS,R=F,VMCOMPRESSED
<b>IC</b>	<b>221</b>	<b>Tri</b>	<b>Galaxy Sc</b>
	31"	17mmT4	PF,L,OVAL,NND,R=F
<b>IC</b>	<b>226</b>	<b>Tri</b>	<b>Galaxy S?</b>
	31"	17mmT4	CF,PS,OVAL,NND,R=F
<b>IC</b>	<b>227</b>	<b>Tri</b>	<b>Galaxy E</b>
	31"	17mmT4	PB,L,OVAL,FNUC,MHISB,R=G
<b>IC</b>	<b>468</b>	<b>CMa</b>	<b>Nebula E</b>
	31"	31mmT5	NORTHERN PART OF NGC2359 - OIII FILTER!!!
<b>IC</b>	<b>468</b>	<b>CMa</b>	<b>Nebula E</b>
	31"	31mmT5	NORTHERN PART OF NGC2359 - NO FILTER
<b>IC</b>	<b>1784</b>	<b>Tri</b>	<b>Galaxy SA(rs)bc pec:</b>
	31"	17mmT4	DIFF,PF,PL,OVAL,NND,R=F
<b>IC</b>	<b>1785</b>	<b>Tri</b>	<b>Galaxy E</b>
	31"	17mmT4	CF,PS,OVAL,NND,AV,R=F
<b>IC</b>	<b>1789</b>	<b>Tri</b>	<b>Galaxy Sa:</b>
	31"	17mmT4	PB,PL,ME,EON,FNUC,R=G
<b>IC</b>	<b>1792</b>	<b>Tri</b>	<b>Galaxy Compact</b>
	31"	17mmT4	CB,PS,R,BNUC,R=G
<b>IC</b>	<b>1793</b>	<b>Tri</b>	<b>Galaxy Sab</b>
	31"	17mmT4	CF,L,PME,OVAL,FNUC,R=F
<b>IC</b>	<b>1815</b>	<b>Tri</b>	<b>Galaxy SB0</b>
	31"	17mmT4	PB,PL,R,BNUC,HISB,R=E
<b>IC</b>	<b>2163</b>	<b>CMa</b>	<b>Galaxy SB(rs)c pec</b>
	31"	17mmT4	R,PL,OVAL,NND,R=F
<b>IC</b>	<b>2165</b>	<b>CMa</b>	<b>Planetary Neb 3b</b>
	31"	17mmT4	VB,PS,R=G, NO CENTRAL STAR
<b>IC</b>	<b>2171</b>	<b>CMa</b>	<b>Galaxy IB(s)m:</b>
	31"	17mmT4	PF,CS,OVAL,NND,R=F
<b>MAC</b>	<b>0214+3051A</b>	<b>Tri</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>0214+3051B</b>	<b>Tri</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>0215+3041</b>	<b>Tri</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F

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<b>MAC</b>	<b>0215+3047</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,PS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>0216+2837</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,PS,EON,NND,AV,R=F	
<b>MAC</b>	<b>0217+3220</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,PS,OVAL,NND,R=F	
<b>MAC</b>	<b>0219+3424</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,PS,R,NND,AV,R=F	
<b>MAC</b>	<b>0219+3433</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,PS,OVAL,NND,R=F	
<b>MAC</b>	<b>0219+3437</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,PS,OVAL,NND,R=F	
<b>MAC</b>	<b>0227+2802</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>0228+3118</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,PS,R,NND,AV,R=F	
<b>MAC</b>	<b>0234+3247</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,CS,R,NND,AV,R=F	
<b>MAC</b>	<b>0234+3253</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>NGC</b>	<b>860</b>	<b>Tri</b>	<b>Galaxy E</b>	<b>*13IN F NEB</b>
	31"	17mmT4	PB,PS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>861</b>	<b>Tri</b>	<b>Galaxy Sb</b>	<b>VF,S,D*ATT SP</b>
	31"	17mmT4	PB,CS,EON,FNUC,MHISB,R=G	
<b>NGC</b>	<b>865</b>	<b>Tri</b>	<b>Galaxy S?</b>	<b>EF,ES,IR</b>
	31"	17mmT4	PB,PL,PME,EON,UB,NND,R=G	
<b>NGC</b>	<b>931</b>	<b>Tri</b>	<b>Galaxy SAbc</b>	<b>F,PL,IR</b>
	31"	17mmT4	PB,L,EON,FNUC,HISB,R=G	
<b>NGC</b>	<b>968</b>	<b>Tri</b>	<b>Galaxy E</b>	<b>PF,PS,R,BM</b>
	31"	17mmT4	PB,PL,OVAL,BNUC,HISB,R=G	
<b>NGC</b>	<b>969</b>	<b>Tri</b>	<b>Galaxy S0</b>	<b>S,R,PSBM,1ST OF 5</b>
	31"	17mmT4	PB,PL,E,OVAL,BNUC,HISB,R=G	
<b>NGC</b>	<b>970</b>	<b>Tri</b>	<b>Galaxy S</b>	<b>VF,VS,R,2ND OF 5</b>
	31"	17mmT4	PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>971</b>	<b>Tri</b>	<b>Galaxy</b>	<b>VF,VS,R,3RD OF 5</b>
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>973</b>	<b>Tri</b>	<b>Galaxy Sb</b>	<b>EEF,S,ME,PB*NR SP</b>
	31"	17mmT4	PB,CL,EON,BNUC,R=G	

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<b>NGC 974</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy SAB(rs)b:</b> PB,PL,OVAL,FNUC,HISB,R=G	<b>VF,R,BM,4TH OF 5</b>
<b>NGC 978</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy S0-</b> VB,CL,OVAL,BNUC,HISB,R=G	<b>PB,R,5TH OF 5</b>
<b>NGC 978B</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy S0</b> PB,PL,OVAL,FNUC,R=F	
<b>NGC 987</b> 31"	<b>Tri</b> 17mmT4	<b>H161-3 Galaxy SB0/a</b> PB,CL,OVAL,BNUC,HISB,R=F	<b>F,S,VLE,BM,R,2*14 NP</b>
<b>NGC 2207</b> 31"	<b>CMa</b> 17mmT4	<b>Galaxy SAB(rs)bc pec</b> PB,CL,EON,BNUC,HISB,R=G	<b>PB,PL,ME87,PSLBMRN</b>
<b>NGC 2359</b> 31"	<b>CMa</b> 31mmT5	<b>H21-5 Nebula E</b> PB,EL,PATCH,R=E,HINT-NEBULOSITY,NO FILTER	<b>VF,VVL,VIF</b>
<b>PGC 8608</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy C</b> PF,PS,OVAL,NND,R=F	
<b>PGC 8613</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy C</b> CF,CS,OVAL,NND,R=F	
<b>PGC 8763</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy</b> VF,VS,OVAL,NND,AV,R=F	
<b>PGC 8842</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy</b> PF,PS,OVAL,NND,AV,R=F	
<b>PGC 8857</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy C</b> PF,VS,R,FNUC,R=F	
<b>PGC 9789</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy</b> PF,S,E,OVAL,NND,R=F	
<b>PGC 9820</b> 31"	<b>Tri</b> 17mmT4	<b>Galaxy S</b> VF,VS,OVAL,NND,AV,R=F	

## Observations Listing by Date

**December 18, 2006 Hidden Hollow - RAS**

<b>IC</b>	<b>351</b>	<b>Per</b>	<b>Planetary Neb 2a</b>	
	31"	20mmUW PB,VS,R,R=G		
<b>IC</b>	<b>374</b>	<b>Tau</b>	<b>Galaxy</b>	
	31"	20mmUW PF,S,EON,NND,R=F		
<b>IC</b>	<b>2003</b>	<b>Per</b>	<b>Planetary Neb 2</b>	
	31"	20mmUW B,VS,R,R=G		
<b>MAC</b>	<b>0405+2526</b>	<b>Tau</b>	<b>Galaxy</b>	
	31"	20mmUW VF,VS,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>783</b>	<b>Tri</b>	<b>Galaxy Sc</b>	<b>EF,S,IR,VF ST ATT</b>
	31"	20mmUW B,PLMOVAL,NND,R=F		
<b>NGC</b>	<b>1465</b>	<b>Per</b>	<b>Galaxy S0/a</b>	<b>PF,PS,R,PB*NR P</b>
	31"	20mmUW B,L,EON,NND,R=G		
<b>NGC</b>	<b>1508</b>	<b>Tau</b>	<b>Galaxy Sc</b>	<b>VF,VS,R,BM,R</b>
	31"	20mmUW PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>1517</b>	<b>Tau</b>	<b>Galaxy Scd:</b>	<b>VF,VS,R,R,*9,10SF</b>
	31"	20mmUW CF,CS,OVAL,NND,R=F		
<b>NGC</b>	<b>1534</b>	<b>Ret</b>	<b>Galaxy SA(rs)0/a: sp</b>	<b>F,S,R,VS*3/4D SF</b>
	31"	20mmUW F,S,R=P,HINT OF NEBULOSITY.		
<b>NGC</b>	<b>1539</b>	<b>Tau</b>	<b>Galaxy C</b>	<b>VF,VS,GBM</b>
	31"	20mmUW PF,S,R,NND,R=F		
<b>NGC</b>	<b>1615</b>	<b>Tau</b>	<b>Galaxy SA0-:</b>	<b>VF,VS,R,LBM,VS*INV</b>
	31"	20mmUW F,S,OVAL,NND,R=F		
<b>NGC</b>	<b>2360</b>	<b>CMa</b>	<b>H12-7 Open Cluster 10.4 I 3 r</b>	<b>CL,VL,RI,PC,ST9...12</b>
	1.9"	12x50 F,S,R=F,UNCOMPRESSED GROUP		
<b>PGC</b>	<b>13884</b>	<b>Per</b>	<b>Galaxy Sbc</b>	
	31"	20mmUW PF,PS,EON,NND,R=F		
<b>PGC</b>	<b>14034</b>	<b>Per</b>	<b>Galaxy S?</b>	
	31"	20mmUW PF,L,OVA,NND,R=F		
<b>PGC</b>	<b>14152</b>	<b>Per</b>	<b>Galaxy S0</b>	
	31"	20mmUW PF,PS,OVAL,NND,R=F		
<b>PGC</b>	<b>14253</b>	<b>Tau</b>	<b>Galaxy S IV</b>	
	31"	20mmUW VF,PS,R,NND,AV,R=F		
<b>PGC</b>	<b>14276</b>	<b>Per</b>	<b>Galaxy Scd:</b>	
	31"	20mmUW VF,PS,EON,NND,R=F		
<b>PGC</b>	<b>14314</b>	<b>Tau</b>	<b>Galaxy (R)SB(s)a</b>	
	31"	20mmUW F,PS,OVAL,NND,R=F		
<b>PGC</b>	<b>14315</b>	<b>Tau</b>	<b>Galaxy (R')SAB(s)a</b>	
	31"	20mmUW VF,PS,R,NND,AV,R=F		

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**November 27, 2006 Home**

**NGC 1528 Per H61-7 Open Cluster 10.0 II 2 m CL,B,VRI,CC**  
 1.9" 12x50 F,PS,COARSE GROUP,R=F

**November 26, 2006 Home**

**CR 256 Com Open Cluster III3r**  
 1.9" 12x50 B,PL,LOOSE,R=F

**IC 410 Aur Nebula E DIF, MANY ST INV**  
 1.9" 19mmW NEBULA ASSOCIATED WITH NGC 1893

**KEMBL1 Cam Open Cluster**  
 1.9" 12x50 BRIGHT-STRING,R=F

**NGC 129 Cas H79-8 Open Cluster 11.0 III 2 m CL,VL,PR,LC,\*9...13**  
 1.9" 12x50 F,L,DIM,RESOVLE 2-3 STARS,R=F

**NGC 436 Cas H45-7 Open Cluster 10.0 I 2 m CL,S,IF,PC**  
 1.9" 12x50 F,PS,DIM PATCH,R=F

**NGC 457 Cas H42-7 Open Cluster 8.6 II 3 r CL,B,L,PRI,\*7,8,10**  
 1.9" 12x50 F,L,DIM,PATCHY,R=F

**NGC 663 Cas H31-6 Open Cluster 9.0 II 3 r CL,B,L,ERI,ST PL**  
 1.9" 12x50 F,CS,PATCHY,R=F

**NGC 752 And H32-7 Open Cluster 8.0 II 2 r CL,VVL,RI,\*L\$SC**  
 1.9" 12x50 B,L,LOOSE,RESOLVE 4-5 STARS,R=F

**NGC 1502 Cam H47-7 Open Cluster 7.0 I 3 m CL,PRI,CC,IF**  
 1.9" 12x50 COMPACT, BRIGHT, R=G

**NGC 1893 Aur Open Cluster 9.3 II 3 r n CL,L,RI,LC**  
 1.9" 12x50 F,S,R=F

**NGC 2281 Aur H71-8 Open Cluster 8.0 I 3 m CL,PRI,VLC,ST PL**  
 1.9" 12x50 B,S,RESOLVE 4-5+,R=G

**NGC 2403 Cam H44-5 Galaxy Sc CB,EL,VME,VGMBMN**  
 1.9" 12x50 PF,PS,OVAL,AV,R=F

**NGC 7789 Cas H30-6 Open Cluster 10.0 II 2 r CL,VL,VRI,VMC,\*11.18**  
 1.9" 12x50 F,S,R=F

**STOCK23 Cam Open Cluster II 3 P N**  
 1.9" 12x50 B,PL,LOOSE,R=F

**TER 3 Sco Globular**  
 1.9" 12x50 B,PL,LOOSE,RESOLVESTARS,R=G



## Observations Listing by Date

## November 25, 2006 Hidden Hollow - RAS

IC	443	Gem		Nebula E	
	8"	11mmT6	F,EL,R=F		
IC	2157	Gem		Open Cluster 12.0 II 1 p	
	8"	11mmT6	F,S,LOSE GROUPING,R=F		
IC	2172	Mon		Non-Existent	
	8"	11mmT6	F,S,R-F		
NGC	2236	Mon	H5-7	Open Cluster 12.0 II 2 m	CL,PRI,PC,*10,12..15
	8"	11mmT6	CB,CL,LOOSE,R=F		
NGC	2250	Mon		Open Cluster 8.7 IV 2 p	CL,PRI,LC,IF,*812.14
	8"	11mmT6	B,L,LOOSE,R=F		
NGC	2254	Mon	H22-7	Open Cluster 12.0 I 1 m	CL,S,PC,IF,*11...13
	8"	11mmT6	VF,PS,LOOSE,R=F		
NGC	2259	Mon	H28-6	Open Cluster 14.0 II 1 p n	CL,CRI,EC,IF,ST ES
	8"	11mmT6	CB,S,LOSE,R=F		
NGC	2262	Mon	H37-7	Open Cluster II 1 m	CL,VC,IR,BM,ST ES
	8"	11mmT6	F,PS,R=F		
NGC	2269	Mon	H3-6	Open Cluster 10.0 II 1 p	CL,VMC,NOT RI,ST VS
	8"	11mmT6	F,PS,R=F		
NGC	2282	Mon		Nebula R	*10IN F,R,NEBY
	8"	11mmT6	F,S,R=F,SOMENEKULA		
NGC	2309	Mon	H18-6	Open Cluster 13.0 I 2 m	CL,PL,PRI,MC,ST13
	8"	11mmT6	F,PS,R=F,COMPRESSED		
NGC	2324	Mon	H38-7	Open Cluster 12.0 II 2 r	CL,L,RI,CC,ST12...16
	8"	11mmT6	F,SMALL-COMPRESSED,R=G		
NGC	2331	Gem	H40-8	Open Cluster 9.0 IV 2 m	CL,L,VLC,S CL INV
	8"	11mmT6	F,LOOSE GROUP,R=F		
NGC	2342	Gem		Galaxy S pec	PF,S,LE,VLBM
	8"	11mmT6	VF,S,R,NND,AV,R=F		
NGC	2368	Mon		Open Cluster IV 1 p	CL,S,PRI,ST15
	8"	11mmT6	F,S,LOOSER,R=F		
NGC	2368	Mon		Open Cluster IV 1 p	CL,S,PRI,ST15
	8"	11mmT6	F,S,LOOSER,R=F		

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**November 24, 2006 Hidden Hollow - RAS**

<b>IC</b>	<b>171</b>	<b>Tri</b>	<b>Galaxy E?</b>	
	31"	20mmUW	B,CS,OVAL,FNUC,R=F	
<b>IC</b>	<b>347</b>	<b>Eri</b>	<b>Galaxy SAB(r)0^:</b>	
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>IC</b>	<b>1718</b>	<b>Tri</b>	<b>Galaxy Compact</b>	
	31"	20mmUW	PF,S,R,NND,R=F	
<b>IC</b>	<b>1727</b>	<b>Tri</b>	<b>Galaxy SB(s)m</b>	
	31"	20mmUW	PF,CL,EON,NND,R=F	
<b>IC</b>	<b>1898</b>	<b>Eri</b>	<b>Galaxy SB(s)c: sp</b>	
	8"	11mmT6	VF,S,EON,NND,AV,R=F	
<b>IC</b>	<b>1953</b>	<b>Eri</b>	<b>Galaxy SB(rs)d</b>	
	8"	11mmT6	VF,S,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>0135+3417</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	20mmUW	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>0137+3309</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	20mmUW	VF,VS,R,NND,R=F	
<b>MAC</b>	<b>0147+3523</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	20mmUW	VF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>608</b>	<b>Tri</b>	<b>Galaxy S?</b>	<b>VF,PSBM,STELLAR</b>
	31"	20mmUW	B,S,OVAL,NND,R=G	
<b>NGC</b>	<b>614</b>	<b>Tri</b>	<b>H174-3 Galaxy S0?</b>	<b>PF,PSBM,STELLAR</b>
	31"	20mmUW	PB,O,R,FNUC,R=G	
<b>NGC</b>	<b>621</b>	<b>Tri</b>	<b>Galaxy SB0</b>	<b>VF,ES,R,BMN</b>
	31"	20mmUW	PB,L,R,NND,R=F	
<b>NGC</b>	<b>634</b>	<b>Tri</b>	<b>Galaxy Sa</b>	<b>EF,ES,SEVF*INV</b>
	31"	20mmUW	CB,CL,OVAL,FNUC,USB,R=G	
<b>NGC</b>	<b>661</b>	<b>Tri</b>	<b>H610-2 Galaxy E+:</b>	<b>F,S,R,BM,R</b>
	31"	20mmUW	VB,CL,OVAL,BNUC,R=G	
<b>NGC</b>	<b>666</b>	<b>Tri</b>	<b>Galaxy S?</b>	<b>VF*IN EF,ES NEBY</b>
	31"	20mmUW	PB,CL,OVAL,FNUC,R=G	
<b>NGC</b>	<b>669</b>	<b>Tri</b>	<b>Galaxy Sab</b>	<b>PF,PL,ME,GBM</b>
	31"	20mmUW	PB,L,EON,B,FNUC,R=G	
<b>NGC</b>	<b>670</b>	<b>Tri</b>	<b>H611-2 Galaxy SA0</b>	<b>F,S,LE</b>
	31"	20mmUW	PB,CL,EON,FNUC,R=G	
<b>NGC</b>	<b>672</b>	<b>Tri</b>	<b>H157-1 Galaxy SB(s)cd</b>	<b>F,PL ,ME80</b>
	31"	20mmUW	B,PL,EON,UB,NND,R=F	
<b>NGC</b>	<b>684</b>	<b>Tri</b>	<b>H612-2 Galaxy Sb sp</b>	<b>F,VLE,*13F100"</b>
	31"	20mmUW	CB,CL,EON,UB,FNUC,R=G	

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<b>NGC 688</b> 31"	<b>Tri</b> 20mmUW PF,PL,OVAL,UB,NND,R=F	<b>Galaxy (R')SAB(rs)b</b>	<b>VF,VS,(RESOLVABLE)</b>
<b>NGC 733</b> 31"	<b>Tri</b> 20mmUW VF,VS,OVAL,NND,AV,R=F	<b>Galaxy</b>	<b>VF,2'P736</b>
<b>NGC 735</b> 31"	<b>Tri</b> 20mmUW PF,PS,OVAL,NND,R=F	<b>H176-3 Galaxy Sb</b>	<b>EEF,STELLAR</b>
<b>NGC 736</b> 31"	<b>Tri</b> 20mmUW CB,CL,OVAL,FNUC,R=G	<b>H221-2 Galaxy E+:</b>	<b>PB,R,BM</b>
<b>NGC 738</b> 31"	<b>Tri</b> 20mmUW CF,CS,OVAL,NND,R=F	<b>Galaxy S0</b>	<b>NEB,75"NF 736</b>
<b>NGC 739</b> 31"	<b>Tri</b> 20mmUW B,CS,VAL,UB,NND,R=F	<b>Galaxy S0?</b>	<b>CF,VS,R,INTRI OF*</b>
<b>NGC 740</b> 31"	<b>Tri</b> 20mmUW B,PL,EON,UB,NND,R=F	<b>H221-2 Galaxy SBb?</b>	<b>F,L,CE</b>
<b>NGC 761</b> 31"	<b>Tri</b> 20mmUW PB,PS,ELOVAL,UB,NND,R=F	<b>Galaxy SBa:</b>	<b>PF,CL,4F* NR</b>
<b>NGC 1779</b> 8"	<b>Eri</b> 11mmT6 PF,PS,OVAL,NND,AV,R=F	<b>H500-3 Galaxy (R')SAB(r)0/a?</b>	<b>PB,S,R,GPMBM</b>
<b>PGC 5873</b> 31"	<b>Tri</b> 20mmUW PF,PS,OVAL,NND,R=F	<b>Galaxy S</b>	
<b>PGC 5883</b> 31"	<b>Tri</b> 20mmUW PF,S,OVAL,NND,R=F	<b>Galaxy</b>	
<b>PGC 5904</b> 31"	<b>Tri</b> 20mmUW PF,L,R,NND,R=F	<b>Galaxy SABdm:</b>	

**November 23, 2006 Home**

<b>IC 1995</b> 8"	<b>Tau</b> 19mmW F,PS,DIM PATCH,R=F	<b>Non-Existent</b>	
<b>NGC 1554</b> 8"	<b>Tau</b> 19mmW F,PS,DIM PATCH,R=F	<b>Nebula R</b>	<b>VAR,S,R,NN=*13</b>

## Observations Listing by Date

## November 22, 2006 Hidden Hollow - RAS

IC	468	CMa	Nebula E	
	8"	11mmT6	F,L,IRREGULARSHAPE,R=F	
NGC	1730	Lep	Galaxy SB(r)a	F,PS,LE,BET2F*
	8"	11mmT6	PF,S,OVAL,NND,R=F	
NGC	1738	Lep	Galaxy SB(s)bc pec:	VF,S,E45
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
NGC	1744	Lep	Galaxy SB(s)d	F,VL,VME,VGVLBM
	8"	11mmT6	DIFF,F,PL,OVAL,NND,R=F	
NGC	1784	Lep	Galaxy SB(r)c	PB,PL,VLE,VGBM,AM ST
	8"	11mmT6	PF,L,OVAL,NND,AV,R=F	
NGC	1808	Col	Galaxy (R)SAB(s)a	B,L,E,PSBM
	8"	11mmT6	F,L,OVAL,NND,R=F	
NGC	1832	Lep	H292-2 Galaxy SB(r)bc	PB,IR,MBM,C*Nf1'
	8"	11mmT6	VF,PL,OVAL,NND,AV,R=F	
NGC	1888	Lep	H289-2 Galaxy SB(s)c pec	PB,PL,R,R
	8"	11mmT6	PF,S,EL,OVAL,R=F	
NGC	1954	Lep	H590-3 Galaxy SA(rs)bc pec:	VF,S,R,SMBM
	8"	11mmT6	PF,S,OVAL,NND,AV,R=F	
NGC	1979	Lep	H240-3 Galaxy SA0:	VF,VS,STELLAR
	8"	11mmT6	VF,PS,OVAL,NND,AV,R=F	
NGC	2022	Ori	H34-4 Planetary Neb 4+2	PLN,PB,VS,VLE
	8"	11mmT6	PF,S,R=F	
NGC	2024	Ori	H28-5 Nebula E	IRR,B,VVL,BLACKSPINC
	8"	11mmT6	B,L,R=G,STARSGLOW,IRREGULARSHAPE	
NGC	2073	Lep	H241-3 Galaxy SA(rs)0-:	EF,VS,R,GBM
	8"	11mmT6	VF,VS,R,NND,AV,R=F	
NGC	2106	Lep	Galaxy SB(s)0^	VF,S,VLE,GBM
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
NGC	2124	Lep	H225-3 Galaxy SA(s)b?	EEF,PS,E,R
	8"	11mmT6	VF,CS,EON,NND,R=F	
NGC	2139	Lep	H264-2 Galaxy SAB(rs)cd	F,S
	8"	11mmT6	VF,PS,OVAL,NND,R=F	
NGC	2179	Lep	Galaxy SA(s)0/a	F,PS,VME,GLBM
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
NGC	2196	Lep	H265-2 Galaxy (R')SA(s)a	PF,PS,VLE,PMBM,ST NR
	8"	11mmT6	VF,PS,OVAL,NND,AV,R=F	
NGC	2293	CMa	Galaxy SAB(s)0+ pec	PB,R,GBM,DWI92,AM ST
	8"	11mmT6	VF,VS,OVAL,AV,R=G	

# Observations Listing by Date

**November 22, 2006 Hidden Hollow - RAS**

<b>NGC</b>	<b>2452</b>	<b>Pup</b>	<b>Planetary Neb 4+3</b>	<b>PLN,F,S,LE,AM60*</b>
	8"	11mmT6 PF,PS,R=F		

## Observations Listing by Date

## November 21, 2006 Hidden Hollow - RAS

<b>B</b>	<b>33</b>	<b>Ori</b>	<b>Nebula Ir</b>	
	8"	11mmT6	VF,L,AV,JUST A HINT OF THE HORSEHEAD	
<b>IC</b>	<b>284</b>	<b>Per</b>	<b>Galaxy SAdm</b>	
	8"	11mmT6	VF,S,OVAL,NND,AV,R=F	
<b>IC</b>	<b>410</b>	<b>Aur</b>	<b>Nebula E</b>	<b>DIF, MANY ST INV</b>
	8"	11mmT6	PB,L,IRREGULARSHAPE,R=G	
<b>IC</b>	<b>431</b>	<b>Ori</b>	<b>Nebula R</b>	
	8"	11mmT6	PF,S,R=F	
<b>IC</b>	<b>432</b>	<b>Ori</b>	<b>Nebula R</b>	
	8"	11mmT6	F,L,R=F	
<b>IC</b>	<b>434</b>	<b>Ori</b>	<b>Nebula E</b>	
	8"	11mmT6	PF,VL,R=F	
<b>IC</b>	<b>2120</b>	<b>Aur</b>	<b>Planetary Neb Planetary?</b>	<b>5 18.2 +37 36</b>
	8"	11mmT6	VF,VS,AV,R=F	
<b>NGC</b>	<b>246</b>	<b>Psc</b>	<b>H25-5</b>	<b>Planetary Neb 3b</b>
	8"	11mmT6	F,L,R,R=G	<b>VF,L,4*IN DIF NEB</b>
<b>NGC</b>	<b>247</b>	<b>Cet</b>	<b>H20-5</b>	<b>Galaxy SAB(s)d</b>
	8"	19mmW	F,L,EON,NND,R=F	<b>F,EL,VME172</b>
<b>NGC</b>	<b>253</b>	<b>Sci</b>	<b>H1-5</b>	<b>Galaxy SAB(s)c</b>
	8"	11mmT6	B,PL,EON,NND,R=G	<b>VVB,VVL,VME54,GBM</b>
<b>NGC</b>	<b>488</b>	<b>Psc</b>	<b>H252-3</b>	<b>Galaxy SA(r)b</b>
	8"	11mmT6	B,L,OVAL,FNUC,R=F	<b>PB,L,R,SVMBM,*8F10'</b>
<b>NGC</b>	<b>524</b>	<b>Psc</b>	<b>H151-1</b>	<b>Galaxy SA(rs)0+</b>
	8"	11mmT6	PF,S,R,NND,R=F	<b>VB,PL,MBM,4S*NR</b>
<b>NGC</b>	<b>584</b>	<b>Cet</b>	<b>H100-1</b>	<b>Galaxy E4</b>
	8"	11mmT6	B,PS,OVAL,FNUC,R=G	<b>VB,PL,R,MBM,P OF 2</b>
<b>NGC</b>	<b>596</b>	<b>Cet</b>	<b>H4-2</b>	<b>Galaxy E+ pec:</b>
	8"	11mmT6	F,PS,OVAL,FNUC,R=G	<b>PB,R,BM,R,*6F12'</b>
<b>NGC</b>	<b>600</b>	<b>Cet</b>	<b>H432-3</b>	<b>Galaxy (R')SB(rs)d</b>
	8"	11mmT6	F,S,R,NND,R=F	<b>EEF</b>
<b>NGC</b>	<b>615</b>	<b>Cet</b>	<b>H282-2</b>	<b>Galaxy SA(rs)b</b>
	8"	11mmT6	VF,VS,OVAL,NND,R=F	<b>PB,PL,ILE,GBM,*8NP10</b>
<b>NGC</b>	<b>680</b>	<b>Ari</b>	<b>H229-2</b>	<b>Galaxy E+ pec:</b>
	8"	11mmT6	PF,S,OVAL,NND,R=F	<b>PB,S,IR,MBM,F OF 2</b>
<b>NGC</b>	<b>720</b>	<b>Cet</b>	<b>H105-1</b>	<b>Galaxy E5</b>
	8"	11mmT6	B,PS,OVAL,NND,R=F	<b>CB,PL,LE,PSMBM</b>
<b>NGC</b>	<b>779</b>	<b>Cet</b>	<b>H101-1</b>	<b>Galaxy SAB(r)b</b>
	8"	11mmT6	F,L,EON,NND,R=F	<b>CB,L,ME162,MBM</b>

## Observations Listing by Date

## November 21, 2006 Hidden Hollow - RAS

NGC	818	And	H604-2	Galaxy SABc:	PB,CL,LE,MBM
	8"	11mmT6	VF,S,OVAL,NND,AV,R=F		
NGC	828	And	H605-2	Galaxy Sa: pec	PB,S,IR,D*F15S
	8"	11mmT6	VF,S,OVAL,NND,AV,R=F		
NGC	841	And		Galaxy (R')SAB(s)ab	PB,VS,MBMN=*13,14
	8"	11mmT6	VF,L,OVAL,NND,AV,R=F		
NGC	877	Ari	H246-2	Galaxy SAB(rs)bc	PF,PL,LE,PGBM,
	8"	11mmT6	PF,L,OVAL,NND,R=F		
NGC	908	Cet	H153-1	Galaxy SA(s)c	CB,VL,E
	8"	11mmT6	PF,L,OVAL,NND,R=F		
NGC	936	Cet	H23-4	Galaxy SB(rs)0+	VB,VL,R,MBMN,P OF 2
	8"	11mmT6	B,LOVAL,NND,R=F		
NGC	941	Cet	H261-3	Galaxy SAB(rs)c	VF,CL,R,F OF 2
	8"	11mmT6	VF,S,OVAL,NND,V,R=F		
NGC	972	Ari	H211-2	Galaxy Sab	PB,CL,LE,GMBM,3*S
	8"	11mmT6	VF,L,OVAL,NND,R=F		
NGC	976	Ari		Galaxy SA(rs)c:	VF,VS,4F * NR
	8"	11mmT6	VF,S,OVAL,NND,AV,R=F		
NGC	1022	Cet	H102-1	Galaxy (R')SB(s)a	CB,PL,R,MBM,*11NF 2'
	8"	11mmT6	PF,L,OVAL,NND,R=F		
NGC	1052	Cet	H63-1	Galaxy E4	B,PL,R,MBM*12
	8"	11mmT6	B,L,R,FNUC,R=G		
NGC	1055	Cet	H1-1	Galaxy SBb: sp	PF,CL,IE80,BM,*11N1'
	8"	11mmT6	PF,S,OVAL,NND,R=F		
NGC	1097	For	H48-5	Galaxy SB(s)b	VB,L,VME151,VBMN
	8"	11mmT6	F,L,OVAL,FNUC,R=F		
NGC	1342	Per	H88-8	Open Cluster 8.0 III 2 m	CL,VL,AB60*
	8"	11mmT6	B,L,LOOSE,30+STARS,R=G		
NGC	1407	Eri	H107-1	Galaxy E0	VB,L,R,SVMBMN
	8"	11mmT6	PF,L,R,NND,R=G		
NGC	1444	Per	H80-8	Open Cluster 6.8 IV 1 p	CL OF AB30*12...14
	8"	11mmT6	F,PS,COMPRESSED,R=F		
NGC	1513	Per	H60-7	Open Cluster 11.0 II 1 m	CL,L,VRI,PC,ST VL
	8"	11mmT6	F,L,COMPRESSED,R=F		
NGC	1528	Per	H61-7	Open Cluster 10.0 II 2 m	CL,B,VRI,CC
	8"	11mmT6	PB,PL,LOOSE GROUP,R=G		
NGC	1535	Eri	H26-4	Planetary Neb 4+2c	PLN,VB,S,R,PS,VSBM,R
	8"	11mmT6	B,PS,R, NO CENTRAL STAR,R=F		

## Observations Listing by Date

**November 21, 2006 Hidden Hollow - RAS**

NGC	1545	Per	H85-8	Open Cluster 9.0 IV 2 p	CL,PRI,LC,ST L
	8"	11mmT6	B,L,VERY LOOSE,R=F		
NGC	1729	Ori	H503-3	Galaxy SA(s)c	VF,PL,2B*V NR
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
NGC	1788	Ori	H32-5	Nebula R	B,CL,R,BM,***15,*1'F
	8"	11mmT6	F,S,S,R=F, BRIGHTER THAN SOME.		
NGC	1843	Ori		Galaxy SAB(s)cd:	F,S,R,LBM
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
NGC	1924	Ori	H447-3	Galaxy SB(r)bc	VF,PL,IR,ST NR
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
NGC	1975	Ori		Nebula E	B**INV IN NEB
	8"	11mmT6	B,L,R=G, STARS GLOW		
NGC	1985	Aur	H865-3	Nebula R	CF,S,R,PSBM
	8"	11mmT6	F,S,R=P		
NGC	2023	Ori	H24-4	Nebula R+E	B*IN M OF L,LE NEB
	8"	11mmT6	PF,S,R=F		
NGC	2071	Ori	H36-4	Nebula R	D*10\$14 W/VF,L CHEV
	8"	11mmT6	PF,PS,R=F		
NGC	2112	Ori	H24-7	Open Cluster 10.0 II 2 m n	CL,PL,LRI,PC,ST S
	8"	11mmT6	F,S,LOOSER,R=F		
NGC	2141	Ori		Open Cluster 15.0 I 2 r	F,PS,DIF,
	8"	11mmT6	F,S,LOOSER,R=F		
NGC	2372	Gem	H317-2	Non-Existent	PB,S,R,BMN,F OF DNEB
	8"	11mmT6	B,S,OVAL,R=F		
NGC	7218	Aqr	H897-2	Galaxy SB(rs)cd	PB,LE,R
	8"	19mmW	PF,PS,OVAL,NND,R=F		
NGC	7662	And	H18-4	Planetary Neb 4+3	PLN ORRING,VB,PS,R
	8"	11mmT6	VB,PS,OVAL, NO CENTRAL STAR,R=G		
NGC	7673	Peg		Galaxy (R')SAc? pec	F,S,R
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
NGC	7798	Peg	H232-2	Galaxy S	PF,S,R,SBM,*10SP
	8"	11mmT6	VF,PS,OVAL,AV,R=F		

**November 14, 2006 Home**

CR	399	Vul		Open Cluster III3m	
	1.9"	12x50	B,L,NO COMPRESSION,R=G		
NGC	6940	Vul	H8-7	Open Cluster 11.0 III 2 r	CL,VB,VL,VRI,CC,STPL
	1.9"	12x50	F,S,LOOSER,R=F		



## Observations Listing by Date

## November 9, 2006 Home

<b>CR</b>	<b>39</b>	<b>Per</b>	<b>Open Cluster III3m</b>	
	8"	19mmW	VL,NO COMPRESSION,R=F	
<b>NGC</b>	<b>129</b>	<b>Cas</b>	<b>H79-8</b>	<b>Open Cluster 11.0 III 2 m</b>
	8"	19mmW	20+, LOOSE, SOME NEB. R=F	<b>CL,VL,PR,LC,*9...13</b>
<b>NGC</b>	<b>457</b>	<b>Cas</b>	<b>H42-7</b>	<b>Open Cluster 8.6 II 3 r</b>
	8"	19mmW	30+,CROSS SHAPED,R=F	<b>CL,B,L,PRI,*7,8,10</b>
<b>NGC</b>	<b>663</b>	<b>Cas</b>	<b>H31-6</b>	<b>Open Cluster 9.0 II 3 r</b>
	8"	19mmW	LOOSE, CLUSTERED SOUTHERN HALF,R=F	<b>CL,B,L,ERI,ST PL</b>
<b>NGC</b>	<b>1647</b>	<b>Tau</b>	<b>H8-8</b>	<b>Open Cluster 9.0 II 2 r</b>
	8"	19mmW	F,L,R=F	<b>CL,VL,ST L,SC</b>
<b>NGC</b>	<b>1807</b>	<b>Tau</b>		<b>Open Cluster 9.0 II 2 p</b>
	8"	19mmW	F.S.COMPRESSED,R=F	<b>CL,PRI,ST L\$\$</b>
<b>NGC</b>	<b>1817</b>	<b>Tau</b>	<b>H4-7</b>	<b>Open Cluster 9.0 IV 2 r</b>
	8"	19mmW	F,PS,R=F	<b>CL,L,RI,LC,ST11...14</b>
<b>NGC</b>	<b>2281</b>	<b>Aur</b>	<b>H71-8</b>	<b>Open Cluster 8.0 I 3 m</b>
	8"	19mmW	F,PS,R=F	<b>CL,PRI,VLC,ST PL</b>
<b>NGC</b>	<b>7160</b>	<b>Cep</b>	<b>H67-8</b>	<b>Open Cluster 7.0 I 3 p</b>
	8"	19mmW	VS, COMPRESSED,R=F	<b>CL,P,VLC</b>
<b>NGC</b>	<b>7209</b>	<b>Lac</b>	<b>H53-7</b>	<b>Open Cluster 9.0 III 1 m</b>
	8"	19mmW	LARGE AND LOOSE,R=F	<b>CL,L,CRI,PC,ST9...12</b>
<b>NGC</b>	<b>7243</b>	<b>Lac</b>	<b>H75-8</b>	<b>Open Cluster 8.0 II 2 m</b>
	8"	19mmW	TIGHTER,HINT OF NEB.,R=F	<b>CL,L,P,LC,ST VL</b>
<b>NGC</b>	<b>7789</b>	<b>Cas</b>	<b>H30-6</b>	<b>Open Cluster 10.0 II 2 r</b>
	8"	19mmW	15+,PF,R=F	<b>CL,VL,VRI,VMC,*11.18</b>
<b>STOCK23</b>		<b>Cam</b>		<b>Open Cluster II 3 P N</b>
	8"	19mmW	6+ BRIGHT, OTHERS DIM, PS,R=F	
<b>TER</b>	<b>3</b>	<b>Sco</b>		<b>Globular</b>
	8"	19mmW	12+,FAINT,R=F	

## Observations Listing by Date

October 29, 2006 Home

<b>IC</b>	<b>239</b>	<b>And</b>		<b>Galaxy SAB(rs)cd</b>	
	8"	19mmW	PF,PS,OVAL,NND,R=F		
<b>M</b>	<b>45</b>	<b>Tau</b>	<b>M45</b>	<b>Open Cluster</b>	
	1.9"	12x50	VB,VL,LOOSE CLUSTER,R,R=G		
<b>MEL</b>	<b>25</b>	<b>Tau</b>		<b>Open Cluster</b>	
	8"	19mmW	B,L,LOOSE,R,R=G		
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32</b>	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
	8"	19mmW	F,VS,OVAL,UB,NND,R=G		
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	8"	19mmW	VB,VL,OVAL,MBNUC,VHISB,R=E		
<b>NGC</b>	<b>628</b>	<b>Psc</b>	<b>M74</b>	<b>Galaxy SA(s)c</b>	<b>GCL,F,VL,R,VG,PSMBM</b>
	1.9"	12x50	B,CS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>752</b>	<b>And</b>	<b>H32-7</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,VVL,RI,*L\$SC</b>
	8"	19mmW	50+STARS,R,R=G		
<b>NGC</b>	<b>869</b>	<b>Per</b>	<b>H33-6</b>	<b>Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
	8"	19mmW	B,L,LOOSE,R,R=G		
<b>NGC</b>	<b>884</b>	<b>Per</b>	<b>H34-6</b>	<b>Open Cluster 6.4 I 3 r</b>	<b>CL,VL,VRI,RUBY*M</b>
	8"	19mmW	B,L,COMPRESSED,R,R=G		
<b>NGC</b>	<b>956</b>	<b>And</b>		<b>Open Cluster 9.0 IV 2 m</b>	<b>CL,PRI,*9...15</b>
	8"	19mmW	F,S,COARSE,R,R=F		
<b>NGC</b>	<b>1039</b>	<b>Per</b>	<b>M34</b>	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,B,VL,LC,SC ST9</b>
	1.9"	12x50	B,L,R,R=G		
<b>NGC</b>	<b>1068</b>	<b>Cet</b>	<b>M77</b>	<b>Galaxy (R)SA(rs)b</b>	<b>VB,PL,IR,SBMRRN</b>
	1.9"	12x50	PF,PS,OVA,NND,R=F		
<b>NGC</b>	<b>1342</b>	<b>Per</b>	<b>H88-8</b>	<b>Open Cluster 8.0 III 2 m</b>	<b>CL,VL,AB60*</b>
	8"	19mmW	B,COARSE CL, R,R=F		
<b>NGC</b>	<b>1432</b>	<b>Tau</b>		<b>Nebula R</b>	<b>EF,VL,DIF, MAIA</b>
	1.9"	12x50	B,L,R=G		
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$S</b>
	8"	19mmW	B,PL,R,R=G		
<b>NGC</b>	<b>1952</b>	<b>Tau</b>	<b>M1</b>	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
	1.9"	12x50	F,PS,R,R=F		
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
	8"	19mmW	PB,PL,R,R=G		
<b>NGC</b>	<b>2068</b>	<b>Ori</b>	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
	1.9"	12x50	F,S,R=F		
<b>NGC</b>	<b>2099</b>	<b>Aur</b>	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$S</b>
	8"	19mmW	CB,CL,R,R=G		

## Observations Listing by Date

**October 29, 2006 Home**

<b>NGC</b>	<b>6709</b>	<b>Aql</b>	<b>Open Cluster 9.0 IV 2 m</b>	<b>CL,PRI,LC,IF</b>
	8"	19mmW	SMALLER, COMPRESSED,R=G	
<b>NGC</b>	<b>7009</b>	<b>Aqr</b>	<b>H1-4 Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>
	8"	19mmW	F,VS,OVAL,R=F	
<b>TER</b>	<b>2</b>	<b>Sco</b>	<b>Globular</b>	
	8"	19mmW	PF,PS,LOOSE,R=F	

## Observations Listing by Date

**October 25, 2006 Hidden Hollow - RAS**

<b>IC</b>	<b>1487</b>	<b>Peg</b>	<b>Galaxy SB?</b>
	31"	17mmT4	PF,PS,OVAL,NND,R=F
<b>MAC</b>	<b>2323+1649</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	EF,ES,OVAL,NND,R=F
<b>MAC</b>	<b>2323+1654</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,CS,OVAL,NND,AV,R=F
<b>MAC</b>	<b>2323+1656</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	CF,CS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+0929A</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,AV,R=F
<b>MAC</b>	<b>2324+0931</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+0932</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,NND,AV,R=F
<b>MAC</b>	<b>2324+1357</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=P
<b>MAC</b>	<b>2324+1357A</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+1358</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,CS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+1359A</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,CS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+1430C</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	CF,CS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+1437A</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F
<b>MAC</b>	<b>2324+1438A</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,CS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+1438B</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	PF,CS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+1439B</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+1440C</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,R,NND,R=F
<b>MAC</b>	<b>2324+1440B</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F
<b>MAC</b>	<b>2324+1647</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	17mmT4	PF,PS,OVAL,FNUC,R=G

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<b>NGC 7644</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> CF,CS,EON,NND,R=F	<b>VF,PS,LE</b>
<b>NGC 7647</b> 31"	<b>Peg</b> 17mmT4	<b>H473-3 Galaxy E</b> CF,CS,OVAL,NND,R=F	<b>EF,(CL),P A ROWOF ST</b>
<b>NGC 7649</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy E</b> B,L,OVAL,NND,R=G	<b>VF,PL,R</b>
<b>NGC 7651</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy cD</b> PF,L,OVAL,NND,R=F	<b>EF,S,R</b>
<b>NGC 7653</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sb</b> PB,L,R,FNUC,MHISB,R=G	<b>VF,PS,R,GBM</b>
<b>PGC 10044</b> 31"	<b>Ari</b> 17mmT4	<b>Galaxy IB(s)m pec</b> PF,PS,OVAL,NND,R=F	
<b>PGC 10046</b> 31"	<b>Ari</b> 17mmT4	<b>Galaxy SB0/a: sp</b> PB,S,EON,FNUC,R=G	
<b>PGC 71299</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> CF,CS,OVAL,NND,R=F	
<b>PGC 71315</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> CF,CS,R,NND,AV,R=F	
<b>PGC 71317</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> VF,VS,OVAL,NND,R=F	
<b>PGC 71319</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> F,CS,OVAL,NND,R=F	
<b>PGC 71320</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> VF,CS,OVAL,NND,AV,R=F	
<b>PGC 71322</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> EF,ES,R,NND,AV,R=F	
<b>PGC 71323</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy Sc</b> PF,PS,OVAL,NND,R=F	
<b>PGC 71324</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> CF,PS,OVAL,FNUC,R=F	
<b>PGC 71326</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> VF,PS,R,NND,AV,R=F	
<b>PGC 71327</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy E</b> EF,ES,R,AV,R=F	
<b>PGC 71330</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> VF,CS,OVAL,NND,AV,R=F	
<b>PGC 71331</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy</b> VF,PS,R,NND,R=F	

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**October 25, 2006 Hidden Hollow - RAS**

<b>PGC</b>	<b>71332</b>	<b>Peg</b>		<b>Galaxy</b>
	31"	17mmT4	PF,CS,OVAL,NND,R=F	
<b>PGC</b>	<b>71337</b>	<b>Peg</b>		<b>Galaxy</b>
	31"	17mmT4	VF,PS,R,NND,R=F	
<b>PGC</b>	<b>71342</b>	<b>Peg</b>		<b>Galaxy</b>
	31"	17mmT4	CF,PS,R,NND,R=F	
<b>PGC</b>	<b>71355</b>	<b>Peg</b>		<b>Galaxy SB?</b>
	31"	17mmT4	CF,L,OVAL,PATCHY,NND,R=F	
<b>PGC</b>	<b>71359</b>	<b>Peg</b>		<b>Galaxy SBab</b>
	31"	17mmT4	PF,L,OVALNND,R=F	
<b>PGC</b>	<b>71371</b>	<b>Peg</b>		<b>Galaxy L</b>
	31"	17mmT4	PF,PS,OVAL,NND,R=F	
<b>PGC</b>	<b>71374</b>	<b>Peg</b>		<b>Galaxy</b>
	31"	17mmT4	PF,PS,OVAL,NND,R=F	
<b>PGC</b>	<b>71386</b>	<b>Peg</b>		<b>Galaxy S0/a</b>
	31"	17mmT4	PB,PS,EON,FNUC,MHISB,R=G	
<b>PGC</b>	<b>71398</b>	<b>Peg</b>		<b>Galaxy</b>
	31"	17mmT4	PF,L,R,NND,R=F	

**October 21, 2006 Hidden Hollow - RAS**

<b>MAC</b>	<b>2238+2340</b>	<b>Peg</b>		<b>Galaxy</b>	
	31"	20mmUW	VF,VS,R,NNUC,AV,R=F		
<b>NGC</b>	<b>7006</b>	<b>Del</b>	<b>H52-1</b>	<b>Globular</b>	<b>B,PL,R,GBM</b>
	31"	20mmUW	FB,L,STELLAR, RESOLVE OUTERMOST STARS.		
<b>NGC</b>	<b>7078</b>	<b>Peg</b>	<b>M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
	31"	20mmUW	VB,VL,STELLAR,RESOLVABLE, F.L. 2, 20MM		
<b>NGC</b>	<b>7089</b>	<b>Aqr</b>	<b>M2</b>	<b>Globular</b>	<b>GCL,B,VL,GPMBM,RRR</b>
	31"	20mmUW	VB,FL,STELLAR, RESOLVABLE		
<b>NGC</b>	<b>7332</b>	<b>Peg</b>	<b>H233-2</b>	<b>Galaxy S0 pec sp</b>	<b>CB,S,ME156,SMBMN,P-2</b>
	31"	20mmUW	VB,PL,EON,VBNUC,R=G,PAIR W/N7339		
<b>NGC</b>	<b>7339</b>	<b>Peg</b>	<b>H234-2</b>	<b>Galaxy SAB(s)bc:?</b>	<b>F,PS,ME89,VGLBM,FOF2</b>
	31"	20mmUW	PB,PL,EON,NNUC,,R=G,PAIR W/N7332		

## Observations Listing by Date

**October 15, 2006 Hidden Hollow - RAS**

<b>IC</b>	<b>5285</b>	<b>Peg</b>		<b>Galaxy S?</b>	
	31"	19mmW	PB,PL,OVAL,FNUC,R=G		
<b>MAC</b>	<b>2307+2813</b>	<b>Peg</b>		<b>Galaxy</b>	
	31"	19mmW	VF,VS,EL,OVAL,NND,AV,R=F		
<b>MAC</b>	<b>2307+3356</b>	<b>Peg</b>		<b>Galaxy</b>	
	31"	19mmW	VF,VS,OVAL,NND,R=F		
<b>NGC</b>	<b>7439</b>	<b>Peg</b>		<b>Galaxy SB0</b>	<b>LONG PATCH OF F NEBY</b>
	31"	19mmW	VF,PS,R,NND,R=F		
<b>NGC</b>	<b>7442</b>	<b>Peg</b>		<b>Galaxy SAc:</b>	<b>PF,R,BET2*16,*13NF</b>
	31"	19mmW	VF,L,R,NND,R=F		
<b>NGC</b>	<b>7451</b>	<b>Peg</b>		<b>Galaxy SBbc</b>	<b>PF,PL,*10,11SP2'</b>
	31"	19mmW	VF,CS,EON,NND,AV,R=F		
<b>NGC</b>	<b>7457</b>	<b>Peg</b>	<b>H212-2</b>	<b>Galaxy SA(rs)0-?</b>	<b>CB,CL,LE,GMBM,R,2S*N</b>
	31"	19mmW	F,L,OVAL,NND,R=F		
<b>NGC</b>	<b>7461</b>	<b>Peg</b>		<b>Galaxy SB0</b>	<b>VF,VS,ALMSTELLAR</b>
	31"	19mmW	VF,CS,R,NND,AV,R=F		
<b>NGC</b>	<b>7463</b>	<b>Peg</b>	<b>H210-3</b>	<b>Galaxy SABb: pec</b>	<b>VF,S,LE,P OF 2</b>
	31"	19mmW	PF,PL,EON,NND,R=F		
<b>NGC</b>	<b>7464</b>	<b>Peg</b>		<b>Galaxy E1 pec:</b>	<b>VF,VS,E,SF7463</b>
	31"	19mmW	PF,CS,R,NND,R=F		
<b>NGC</b>	<b>7465</b>	<b>Peg</b>	<b>H211-3</b>	<b>Galaxy (R')SB(s)0^:</b>	<b>VF,VS,FOF 2</b>
	31"	19mmW	B,PL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>7466</b>	<b>Peg</b>		<b>Galaxy Sb</b>	<b>EF,ES,BM</b>
	31"	19mmW	B,PL,EON,FNUC,R=G		
<b>NGC</b>	<b>7467</b>	<b>Peg</b>		<b>Galaxy E/S0</b>	<b>EF,VS</b>
	31"	19mmW	VF,CS,R,NND,AV,R=F		
<b>NGC</b>	<b>7468</b>	<b>Peg</b>	<b>H202-3</b>	<b>Galaxy E3: pec</b>	<b>EF,VS</b>
	31"	19mmW	PB,L,EL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>7473</b>	<b>Peg</b>		<b>Galaxy SB0</b>	<b>VF,S,R</b>
	31"	19mmW	PB,CL,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>7474</b>	<b>Peg</b>		<b>Galaxy L</b>	<b>EF,VS</b>
	31"	19mmW	CF,PS,R,NND,AV,R=F		
<b>NGC</b>	<b>7475</b>	<b>Peg</b>		<b>Galaxy Double System</b>	<b>VF,S</b>
	31"	19mmW	CF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>7485</b>	<b>Peg</b>		<b>Galaxy S0</b>	<b>VF,S,R,BM,*10P</b>
	31"	19mmW	VB,L,OVAL,FNUC,R=G		
<b>NGC</b>	<b>7487</b>	<b>Peg</b>		<b>Galaxy Compact</b>	<b>VF,S,R</b>
	31"	19mmW	VF,VS,R,NND,R=F		

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<b>NGC 7489</b> 31"	<b>Peg</b> 19mmW	PF,L,OVAL,NND,R=F	<b>Galaxy Sd</b>	<b>F,S,R</b>
<b>NGC 7495</b> 31"	<b>Peg</b> 19mmW	VF,PS,R,NND,AV,R=F	<b>Galaxy SAB(s)c</b>	<b>EF,S,LE,*9NF NR</b>
<b>NGC 7500</b> 31"	<b>Peg</b> 19mmW	B,CL,OVAL,NND,R=F	<b>Galaxy S0</b>	<b>EF,VS,R</b>
<b>NGC 7505</b> 31"	<b>Peg</b> 19mmW	CF,CS,EON,NND,R=F	<b>Galaxy</b>	<b>EEF,ES,LE,BET B*\$2F*</b>
<b>NGC 7508</b> 31"	<b>Peg</b> 19mmW	CF,CS,EON,NND,R=F	<b>Galaxy S</b>	<b>EF,BM*,*11NP2'</b>
<b>NGC 7509</b> 31"	<b>Peg</b> 19mmW	PF,S,R,NND,R=F	<b>Galaxy C</b>	<b>VF,S,R,BET2*</b>
<b>NGC 7511</b> 31"	<b>Peg</b> 19mmW	PB,S,OVAL,FNUC,R=G	<b>Galaxy S?</b>	<b>EEF,S,R,SEV*NF,</b>
<b>NGC 7516</b> 31"	<b>Peg</b> 19mmW	PF,PS,OVAL,NND,R=F	<b>Galaxy S0</b>	<b>F,VS,STELLAR</b>
<b>NGC 7519</b> 31"	<b>Peg</b> 19mmW	VF,PS,OVAL,NND,AV,R=F	<b>Galaxy Sb:</b>	<b>VF,PL</b>
<b>PGC 70174</b> 31"	<b>Peg</b> 19mmW	VF,VS,OVAL,NND,AV,R=F	<b>Galaxy S</b>	
<b>PGC 70211</b> 31"	<b>Peg</b> 19mmW	CF,CS,R,NND,AV,R=F	<b>Galaxy SB</b>	
<b>PGC 70254</b> 31"	<b>Peg</b> 19mmW	PF,PS,EON,NND,R=F	<b>Galaxy S0/a</b>	
<b>PGC 70269</b> 31"	<b>Peg</b> 19mmW	PF,PS,R,NND,R=F	<b>Galaxy</b>	
<b>PGC 70275</b> 31"	<b>Peg</b> 19mmW	PF,PS,EL,OVAL,NND,R=F	<b>Galaxy S?</b>	
<b>PGC 70326</b> 31"	<b>Peg</b> 19mmW	VF,VS,OVAL,NND,R=F	<b>Galaxy S0/a</b>	
<b>PGC 70374</b> 31"	<b>Peg</b> 19mmW	VF,CS,OVAL,NND,R=F	<b>Galaxy SB0</b>	
<b>PGC 70403</b> 31"	<b>Peg</b> 19mmW	VF,VS,OVAL,NND,R=F	<b>Galaxy S</b>	
<b>PGC 70404</b> 31"	<b>Peg</b> 19mmW	VF,PS,OVAL,NND,AV,R=F	<b>Galaxy S</b>	
<b>PGC 70445</b> 31"	<b>Peg</b> 19mmW	VF,PS,OVAL,NND,AV,R=F	<b>Galaxy S?</b>	



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**PGC 70463 Peg Galaxy Sb-c**  
 31" 19mmW CF,CS,EON,NND,R=F

**PGC 70537 Peg Galaxy SBb/Sb**  
 31" 19mmW VF,PS,OVAL,NND,AV,R=F

**October 13, 2006 Home**

**CR 463 Cas Galaxy III2m**  
 1.9" 12x50 B,S,R=F

**NGC 869 Per H33-6 Open Cluster 6.6 I 3 r CL,VVL,VRI,\*7...14**  
 1.9" 12x50 PB,PL,R=G

**NGC 884 Per H34-6 Open Cluster 6.4 I 3 r CL,VL,VRI,RUBY\*M**  
 1.9" 12x50 PB,PL,R=G

**NGC 6826 Cyg H73-4 Planetary Neb 3a+2 PLN,B,PL,R,\*11M**  
 8" 19mmW VF,PS,R=F

**NGC 6871 Cyg Open Cluster 6.8 II 2 p n CL,ST L\$\$,D\*INV**  
 8" 19mmW B,L,R=F

**STOCK2 Cas Open Cluster I 2 m**  
 1.9" 12x50 B,PL,R=F

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**October 8, 2006 Home**

<b>IC</b>	<b>4665</b>	<b>Oph</b>		<b>Open Cluster 6.0 III 2 m</b>	
	1.9"	12x50	B,PL,R=G, LOOSE GROUPING		
<b>NGC</b>	<b>6520</b>	<b>Sgr</b>	<b>H7-7</b>	<b>Open Cluster 9.0 I 2 r n</b>	<b>CL,PS,RI,LC,ST9...13</b>
	1.9"	12x50	PF,S,R=F		
<b>NGC</b>	<b>6633</b>	<b>Oph</b>	<b>H72-8</b>	<b>Open Cluster 8.0 III 2 m</b>	<b>CL,LC,ST L</b>
	1.9"	12x50	N.F.:R=G, DENSER GROUP		
<b>NGC</b>	<b>6709</b>	<b>Aql</b>		<b>Open Cluster 9.0 IV 2 m</b>	<b>CL,PRI,LC,IF</b>
	1.9"	12x50	PF,PS,R=F, LOOSE GROUP		
<b>NGC</b>	<b>6716</b>	<b>Sgr</b>		<b>Open Cluster 8.3 IV 1 p</b>	<b>CL,PRI,ST9...13</b>
	1.9"	12x50	F,S,R=F		
<b>NGC</b>	<b>6720</b>	<b>Lyr</b>	<b>M57</b>	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
	1.9"	12x50	PB,S,R=G		
<b>NGC</b>	<b>6779</b>	<b>Lyr</b>	<b>M56</b>	<b>Globular</b>	<b>GCL,B,L,IR,GVMCM,RRR</b>
	1.9"	12x50	F,S,R=F		
<b>NGC</b>	<b>6819</b>	<b>Cyg</b>		<b>Open Cluster 11.0 I 1 r</b>	<b>CL,VL,VRI,*11...15</b>
	1.9"	12x50	N.S.R=F, TIGHTER GROUP		
<b>NGC</b>	<b>6910</b>	<b>Cyg</b>	<b>H56-8</b>	<b>Open Cluster 9.6 I 3 m n</b>	<b>CL,PB,PS,P,PC,*20.12</b>
	1.9"	12x50	PF,PS,R=F		
<b>NGC</b>	<b>6934</b>	<b>Del</b>	<b>H103-1</b>	<b>Globular</b>	<b>GCL,B,L,R,RRR,*16...</b>
	1.9"	12x50	F,S,R=F, SMALL SMUDGE.		
<b>NGC</b>	<b>6981</b>	<b>Aqr</b>	<b>M72</b>	<b>Globular</b>	<b>GCL,PB,PL,R,GMCM,RRR</b>
	1.9"	12x50	VF,S,R=F		
<b>NGC</b>	<b>6994</b>	<b>Aqr</b>	<b>M73</b>	<b>Open Cluster 11.1 IV 1 p</b>	<b>CL,EP,VLC,NO NEB</b>
	1.9"	12x50	F,S,R=F		
<b>NGC</b>	<b>7063</b>	<b>Cyg</b>		<b>Open Cluster 8.9 III 1 p</b>	<b>CL,P,ST10...</b>
	1.9"	12x50	F,S,R=F		

**October 2, 2006 Home**

<b>NGC</b>	<b>1907</b>	<b>Aur</b>	<b>H39-7</b>	<b>Open Cluster 11.0 I 1 m n</b>	<b>CL,PRI,PC,R,ST9...12</b>
	1.9"	12x50	CB,CS,R=F.		
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
	1.9"	12x50	PB,S, R=G		
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
	1.9"	12x50	PB,S, R=G, SMALLEST OF THREE		
<b>NGC</b>	<b>2099</b>	<b>Aur</b>	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
	1.9"	12x50	PB,L,R=G, LARGEST OF THREE		
<b>NGC</b>	<b>2168</b>	<b>Gem</b>	<b>M35</b>	<b>Open Cluster 8.0 III 3 r</b>	<b>CL,VL,CRI,PC,ST9..16</b>
	1.9"	12x50	VB,VL,R=E. VERY NICE CLUSTER.		

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**October 1, 2006****Home**

<b>NGC 650</b> 1.9"	<b>Per</b> 12x50	<b>M76 H193-1</b> PF,PS,R,R=F	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
<b>NGC 869</b> 1.9"	<b>Per</b> 12x50	<b>H33-6</b> B,L,R=G, TIGHT GROUP	<b>Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
<b>NGC 884</b> 1.9"	<b>Per</b> 12x50	<b>H34-6</b> PB,PL,R=G, LITTLE LOOSER	<b>Open Cluster 6.4 I 3 r</b>	<b>CL,VL,VRI,RUBY*M</b>

## Observations Listing by Date

<b>September 25, 2006</b>		<b>Hidden Hollow - RAS</b>	
<b>IC</b>	<b>1320</b>	<b>Del</b>	<b>Galaxy SB(s)b?</b>
	31"	19mmW	PF,S,OVAL,NND,R=F
<b>IC</b>	<b>1359</b>	<b>Del</b>	<b>Galaxy S?</b>
	31"	19mmW	FB,FS,EON,NND,R=G
<b>IC</b>	<b>1380</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	19mmW	PF,VS,R,NND,R=F
<b>IC</b>	<b>1394</b>	<b>Peg</b>	<b>Galaxy C</b>
	31"	19mmW	F,S,R,NND,R=F
<b>IC</b>	<b>1395</b>	<b>Peg</b>	<b>Galaxy C</b>
	31"	19mmW	PF,PS,OVAL,NND,R=F
<b>IC</b>	<b>1398</b>	<b>Peg</b>	<b>Galaxy Sc</b>
	31"	19mmW	PF,PS,EL,OVAL,NND,R=F
<b>IC</b>	<b>1399</b>	<b>Peg</b>	<b>Galaxy C</b>
	31"	19mmW	PF,PS,R,NND,R=F
<b>IC</b>	<b>1414</b>	<b>Peg</b>	<b>Galaxy CB</b>
	31"	19mmW	F,L,R,NND,R=F
<b>IC</b>	<b>1418</b>	<b>Peg</b>	<b>Galaxy S?</b>
	31"	19mmW	VF,VS,R,NND,AV,R=F
<b>IC</b>	<b>1420</b>	<b>Peg</b>	<b>Galaxy SB?</b>
	31"	19mmW	B,PS,OVAL,NND,R=F
<b>IC</b>	<b>1422</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	19mmW	VF,CS,R,NND,AV,R=F
<b>IC</b>	<b>1423</b>	<b>Peg</b>	<b>Galaxy SBb</b>
	31"	19mmW	CF,PS,OVAL,NND,R=F
<b>IC</b>	<b>1425</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	19mmW	VF,PS,R,NND,R=F
<b>IC</b>	<b>1427</b>	<b>Peg</b>	<b>Galaxy E</b>
	31"	19mmW	PF,PS,OVAL,NND,AV,R=F
<b>IC</b>	<b>1428</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	19mmW	VF,VS,OVAL,NND,AV,R=F
<b>IC</b>	<b>1444</b>	<b>Peg</b>	<b>Galaxy</b>
	31"	19mmW	VF,CS,R,NND,AV,R=F
<b>IC</b>	<b>5080</b>	<b>Del</b>	<b>Galaxy</b>
	31"	19mmW	PF,PS,R,NND,R=F
<b>MAC</b>	<b>2033+0951</b>	<b>Del</b>	<b>Galaxy</b>
	31"	19mmW	VF,VS,R,NND,AV,R=F
<b>MAC</b>	<b>2102+1913</b>	<b>Del</b>	<b>Galaxy</b>
	31"	19mmW	PF,VS,OVAL,NND,AV,R=F

## Observations Listing by Date

<b>September 25, 2006</b>		<b>Hidden Hollow - RAS</b>			
<b>MAC</b>	<b>2107+1802</b>	<b>Del</b>		<b>Galaxy</b>	
	31"	19mmW	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>6891</b>	<b>Del</b>		<b>Planetary Neb 2a+2b</b>	<b>PLN,STELLAR=9.5M</b>
	31"	19mmW	PB,L,R,R=G		
<b>NGC</b>	<b>6917</b>	<b>Del</b>		<b>Galaxy S</b>	<b>VF,S,ATT TO A S*</b>
	31"	19mmW	F,L,OVAL,ND,R=F		
<b>NGC</b>	<b>6927</b>	<b>Del</b>		<b>Galaxy S0: sp</b>	<b>EF,LE</b>
	31"	19mmW	PF,S,OVAL,NND,R=F		
<b>NGC</b>	<b>6927A</b>	<b>Del</b>		<b>Galaxy E6:</b>	
	31"	19mmW	VF,S,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>6928</b>	<b>Del</b>		<b>Galaxy SB(s)ab</b>	<b>PB,PL,ME</b>
	31"	19mmW	PB,PL,EON,FNUC,HISB.R=G		
<b>NGC</b>	<b>6930</b>	<b>Del</b>		<b>Galaxy SB(s)ab? sp</b>	<b>F,ME</b>
	31"	19mmW	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>6944</b>	<b>Del</b>		<b>Galaxy S0-:</b>	<b>PF,S,R</b>
	31"	19mmW	PB,,L,OVAL,NND,R=F		
<b>NGC</b>	<b>6944A</b>	<b>Del</b>		<b>Galaxy SB(rs)d pec:</b>	
	31"	19mmW	PF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>6954</b>	<b>Del</b>		<b>Galaxy SA0+?</b>	<b>F,S,VLE</b>
	31"	19mmW	FB,FL,OVAL,ND,R=G		
<b>NGC</b>	<b>6955</b>	<b>Del</b>		<b>Galaxy SAB(r)bc</b>	<b>EF,PL,R</b>
	31"	19mmW	PF,L,R,NND,AV,R=F		
<b>NGC</b>	<b>6956</b>	<b>Del</b>	<b>H219-3</b>	<b>Galaxy SBb</b>	<b>VF,S,STELL,**ATT</b>
	31"	19mmW	PB,L,OVAL,NND,R=G		
<b>NGC</b>	<b>6957</b>	<b>Del</b>		<b>Galaxy Scd?</b>	<b>VF,S,R</b>
	31"	19mmW	VF,VS,R,NND,AV,R=F		
<b>NGC</b>	<b>6969</b>	<b>Del</b>		<b>Galaxy Sa</b>	<b>F,PL,E</b>
	31"	19mmW	PB,L,EON,NND,R=G		
<b>NGC</b>	<b>6971</b>	<b>Del</b>		<b>Galaxy Sb</b>	<b>VF,S,R</b>
	31"	19mmW	F,L,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>6972</b>	<b>Del</b>		<b>Galaxy S0/a</b>	<b>F,S,R</b>
	31"	19mmW	B,L,EL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>6988</b>	<b>Del</b>		<b>Galaxy</b>	<b>EF,PL,R</b>
	31"	19mmW	PF,PS,R,NND,R=F		
<b>NGC</b>	<b>7003</b>	<b>Del</b>		<b>Galaxy Sbc</b>	<b>VF,VS,LE,*15CLOSE F</b>
	31"	19mmW	F,L,OVAL,PATCHY,NND,R=F		
<b>NGC</b>	<b>7025</b>	<b>Del</b>		<b>Galaxy Sa</b>	<b>VF,VS,R,STELL</b>
	31"	19mmW	PB,L,OVAL,FNUC,PHISB,R=G		

## Observations Listing by Date

**September 25, 2006 Hidden Hollow - RAS**

<b>NGC</b>	<b>7148</b>	<b>Peg</b>		<b>Galaxy C</b>	<b>VF,VS,R</b>
	31"	19mmW	PF,PS,R,NND,R=F		
<b>NGC</b>	<b>7149</b>	<b>Peg</b>		<b>Galaxy E</b>	<b>VF,VS,R</b>
	31"	19mmW	FB,L,EL,OVAL,NND,R=G		
<b>PGC</b>	<b>65281</b>	<b>Del</b>		<b>Galaxy S?</b>	
	31"	19mmW	PF,PS,OVAL,NND,AV,R=F		
<b>PGC</b>	<b>65293</b>	<b>Del</b>		<b>Galaxy SB(r)a</b>	
	31"	19mmW	PF,PS,OVAL,NND,AV,R=F		
<b>PGC</b>	<b>65482</b>	<b>Del</b>		<b>Galaxy</b>	
	31"	19mmW	PF,S,R,NND,R=F		
<b>PGC</b>	<b>65971</b>	<b>Del</b>		<b>Galaxy</b>	
	31"	19mmW	VF,VS,OVAL,NND,R=F		
<b>PGC</b>	<b>66125</b>	<b>Del</b>		<b>Galaxy S R</b>	
	31"	19mmW	VF,PS,R,NND,AV,R=F		
<b>PGC</b>	<b>66139</b>	<b>Del</b>		<b>Galaxy</b>	
	31"	19mmW	PF,PS,OVAL,NND,R=F		
<b>PGC</b>	<b>66170</b>	<b>Del</b>		<b>Galaxy E</b>	
	31"	19mmW	PB,FL,R,FNUC,R=G		
<b>PGC</b>	<b>66176</b>	<b>Del</b>		<b>Galaxy S?</b>	
	31"	19mmW	PB,FL,EL,OVAL,FNUC,MHISB,R=G		
<b>PGC</b>	<b>66178</b>	<b>Del</b>		<b>Galaxy Scd:</b>	
	31"	19mmW	VF,S,EON,NND,AV,R=F		
<b>PGC</b>	<b>66966</b>	<b>Peg</b>		<b>Galaxy E</b>	
	31"	19mmW	PF,VS,OVAL,NND,R=F		
<b>PGC</b>	<b>67153</b>	<b>Peg</b>		<b>Galaxy S?</b>	
	31"	19mmW	VF,VS,EON,NND,AV,R=F		
<b>PGC</b>	<b>67741</b>	<b>Peg</b>		<b>Galaxy C</b>	
	31"	19mmW	VF,VS,OVAL,NND,AV,R=F		
<b>PGC</b>	<b>67762</b>	<b>Peg</b>		<b>Galaxy</b>	
	31"	19mmW	VF,VS,R,NND,AV,R=F		
<b>PGC</b>	<b>68664</b>	<b>Peg</b>		<b>Galaxy SBc</b>	
	31"	19mmW	VF,CS,OVAL,NND,AV,R=F		

**September 8, 2006 Home**

<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	1.9"	12x50	DFF,MB,PL PATCH OF NEB.,R=G		
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
	1.9"	12x50	DFF,B,LPATCH OF NEB.,R=G		

## Observations Listing by Date

**September 7, 2006 Home**

<b>NGC 6205</b>	<b>Her</b>	<b>M13</b>	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
1.9"	12x50	DIFF,MB,L,R=G		
<b>NGC 6341</b>	<b>Her</b>	<b>M92</b>	<b>Globular</b>	<b>GCL,VB,VL,ECM,ST S</b>
1.9"	12x50	DIFF,PF,PS,R=F		

## Observations Listing by Date

August 20, 2006		Hidden Hollow - RAS			
NGC	205	And	M110 H18-5	Galaxy E5 pec	VB,VL,ME165,VGVMBM
	1.9"	12x50	B,L,OVAL,UB,NND,R=G		
NGC	221	And	M32	Galaxy cE2	VVB,L,R,PSMBMN
	1.9"	12x50	B,S,OVAL,NND,R=F		
NGC	224	And	M31	Galaxy SA(s)b	EEB,EL,VME,ANDROMEDA 17
	1.9"	12x50	VB,VL,OVAL,BNUC,HISB,R=E!!		
NGC	581	Cas	M103	Open Cluster 9.0 II 2 m	CL,PL,B,R,RI,*10..11
	1.9"	12x50	PB,PL,R=G		
NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
	1.9"	12x50	PB,PL,OVAL,FNUC,HISB,R=G		
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	1.9"	12x50	PB,L,OVAL,FNUC,R=G		
NGC	3556	UMa	M108 H46-5	Galaxy SB(s)cd sp	CB,VL,VME79,PBM,R
	1.9"	12x50	PF,PS,OVAL,NND,R=F		
NGC	3587	UMa	M97	Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM
	1.9"	12x50	PF,VS,AV,R=F		
NGC	5457	UMa	M101	Galaxy SAB(rs)cd	PB,VL,IR,G,VSMBMBSN 4
	1.9"	12x50	F,S,OVAL,NND,R=F		
NGC	6093	Sco	M80	Globular	GCL,VB,L,VMBM(VAR*)
	1.9"	12x50	PF,S,R=F		
NGC	6171	Oph	M107 H40-6	Globular	GCL,L,VRI,VMC,R,RRR
	1.9"	12x50	VF,PS,AV,R=F		
NGC	6256	Sco		Globular	GCL,VF,VL,IR,VGBM
	8"	7.5mmW	VF,VS,AV,R=F		
NGC	6380	Sco		Globular	EF,PS,LE,*9ATT
	8"	7.5mmW	VF,VS,R=F		
NGC	6507	Sgr	H53-8	Open Cluster 12.0 IV 3 m	CL,PS,LRI,LC
	8"	7.5mmW	PF,PS,R=F,STARS AT SW CORNER		
NGC	6637	Sgr	M69	Globular	GCL,B,L,R,RRR,*14.16
	1.9"	12x50	F,S,R=F		
NGC	6681	Sgr	M70	Globular	GCL,B,PL,R,GBM,
	1.9"	12x50	PF,S,R=F		
NGC	6838	Sge	M71	Globular	CL,VL,VRI,PMC,*11.16
	1.9"	12x50	F,L,R=F		
NGC	6934	Del	H103-1	Globular	GCL,B,L,R,RRR,*16...
	1.9"	12x50	B,L,R=G		
NGC	7078	Peg	M15	Globular	GCL,VB,VL,IR,VSMBM
	1.9"	12x50	B,S,R=F		



## Observations Listing by Date

**August 20, 2006 Hidden Hollow - RAS**

<b>NGC</b>	<b>7654</b>	<b>Cas</b>	<b>M52</b>	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>
	1.9"	12x50	B,L,R=G		
<b>WINN</b>	<b>4</b>	<b>UMa</b>	<b>M40</b>	<b>Unknown STAR</b>	
	1.9"	12x50	2-STARs		

## Observations Listing by Date

## August 16, 2006 Home

<b>IC</b>	<b>4715</b>	<b>Sgr</b>		<b>Non-Existent</b>	
	1.9"	12x50	B,PL,R=G		
<b>NGC</b>	<b>5904</b>	<b>Ser</b>	<b>M5</b>	<b>Globular</b>	<b>GCL,VB,L,ECM,*11..15</b>
	1.9"	12x50	B,S,R=G		
<b>NGC</b>	<b>6266</b>	<b>Oph</b>	<b>M62</b>	<b>Globular</b>	<b>GCL,VB,L,GMBM,RRR,</b>
	1.9"	12x50	B,S,R=F		
<b>NGC</b>	<b>6273</b>	<b>Oph</b>	<b>M19</b>	<b>Globular</b>	<b>GCL,VB,L,R,VCM,RRR</b>
	1.9"	12x50	F,S,R=F		
<b>NGC</b>	<b>6333</b>	<b>Oph</b>	<b>M9</b>	<b>Globular</b>	<b>GCL,B,L,R,ECM,RRR,</b>
	1.9"	12x50	PF,PS,R=F		
<b>NGC</b>	<b>6366</b>	<b>Oph</b>		<b>Globular</b>	<b>F,L,VLBM</b>
	1.9"	12x50	PF,PS,R=F		
<b>NGC</b>	<b>6402</b>	<b>Oph</b>	<b>M14</b>	<b>Globular</b>	<b>GCL,B,VL,R,ERI,VGMBM</b>
	1.9"	12x50	PF,PS,RF,BRIGHTER THAN 6366		
<b>NGC</b>	<b>6405</b>	<b>Sco</b>	<b>M6</b>	<b>Open Cluster 5.5 II 3 r</b>	<b>CL,L,IR,LC,ST7,10...</b>
	1.9"	12x50	VB,VL,R=G		
<b>NGC</b>	<b>6475</b>	<b>Sco</b>	<b>M7</b>	<b>Open Cluster 7.0 I 3 r</b>	<b>CL,VB,PRI,LC,*7...12</b>
	1.9"	12x50	VB,EL,R=E		
<b>NGC</b>	<b>6494</b>	<b>Sgr</b>	<b>M23</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,B,VL,PRI,LC,*10..</b>
	1.9"	12x50	B,PL,R=G, RESOLVE OUTER STARS		
<b>NGC</b>	<b>6603</b>	<b>Sgr</b>	<b>M24</b>	<b>Open Cluster 14.0 I 2</b>	<b>CL,VRI,VMC,R,M WAY</b>
	1.9"	12x50	B,PL,R=G		
<b>NGC</b>	<b>6611</b>	<b>Ser</b>	<b>M16</b>	<b>Open Cluster 11.0 II 3 m n</b>	<b>CL,ATLEAST100* L\$\$</b>
	1.9"	12x50	PB,PL,R=G		
<b>NGC</b>	<b>6613</b>	<b>Sgr</b>	<b>M18</b>	<b>Open Cluster 8.7 II 3 p n</b>	<b>CL,P,VLC</b>
	1.9"	12x50	B,L,R=F		
<b>NGC</b>	<b>6618</b>	<b>Sgr</b>	<b>M17</b>	<b>Nebula EN+OC</b>	<b>B,EL,EIF,2HOOKED</b>
	1.9"	12x50	PB,PL,R=F		
<b>NGC</b>	<b>6626</b>	<b>Sgr</b>	<b>M28</b>	<b>Globular</b>	<b>GCL,VB,L,R,GECM,RRR</b>
	1.9"	12x50	B,S,R=F		
<b>NGC</b>	<b>6694</b>	<b>Sct</b>	<b>M26</b>	<b>Open Cluster 11.0 II 3 m</b>	<b>CL,CL,PRI,PC,ST12.15</b>
	1.9"	12x50	PB,L,R=G		
<b>NGC</b>	<b>6715</b>	<b>Sgr</b>	<b>M54</b>	<b>Globular</b>	<b>GCL,VB,L,R,G,SMBM,</b>
	1.9"	12x50	PF,PS,R=F		
<b>NGC</b>	<b>6809</b>	<b>Sgr</b>	<b>M55</b>	<b>Globular</b>	<b>GCL,PB,L,R,VRI,VGBM</b>
	1.9"	12x50	PF,L,R=F		
<b>NGC</b>	<b>6864</b>	<b>Sgr</b>	<b>M75</b>	<b>Globular</b>	<b>GCL,B,PL,R,VMBMBN,RR</b>
	1.9"	12x50	PF,S,R=F		

## Observations Listing by Date

**August 16, 2006 Home**

<b>NGC 6913</b> 1.9"	<b>Cyg</b> 12x50	<b>M29</b> B,S,R=F	<b>Open Cluster 9.0 II 3 m n</b>	<b>CL,P,LC,STL\$\$</b>
<b>NGC 7092</b> 1.9"	<b>Cyg</b> 12x50	<b>M39</b> B,S,R=F	<b>Open Cluster 7.0 III 2 m</b>	<b>CL,VL,VP,VLC,*7...10</b>
<b>NGC 7099</b> 1.9"	<b>Cap</b> 12x50	<b>M30</b> PF,S,R=F	<b>Globular</b>	<b>GCL,B,L,LE,GPMBM</b>

**August 12, 2006 Home**

<b>IC 4725</b> 1.9"	<b>Sgr</b> 12x50	<b>M25</b> B,L,R=G	<b>Open Cluster 8.0 I 3 m</b>	
<b>NGC 6121</b> 1.9"	<b>Sco</b> 12x50	<b>M4</b> PF,VL,R,R=G	<b>Globular</b>	<b>CL,8OR1OB*LINE,RRR</b>
<b>NGC 6218</b> 1.9"	<b>Oph</b> 12x50	<b>M12</b> PF,S,R,R=F	<b>Globular</b>	<b>GCL,VB,VL,IR,GMBM</b>
<b>NGC 6254</b> 1.9"	<b>Oph</b> 12x50	<b>M10</b> PF,S,R,R=F	<b>Globular</b>	<b>GCL,B,VL,R,GVMBM,RRR</b>
<b>NGC 6494</b> 1.9"	<b>Sgr</b> 12x50	<b>M23</b> B,L,R=G	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,B,VL,PRI,LC,*10..</b>
<b>NGC 6514</b> 1.9"	<b>Sgr</b> 12x50	<b>M20 H41-4</b> VB,VL,R=E	<b>Nebula EN+OC</b>	<b>VB,VL,TRIFID,D*INV</b>
<b>NGC 6523</b> 1.9"	<b>Sgr</b> 12x50	<b>M8</b> VB,VL,EXTENDED,R=E	<b>Nebula E</b>	<b>VB,EL,EIF,W/LCL</b>
<b>NGC 6531</b> 1.9"	<b>Sgr</b> 12x50	<b>M21</b> B,S,R=F	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,PRI,LC,ST9...12</b>
<b>NGC 6656</b> 1.9"	<b>Sgr</b> 12x50	<b>M22</b> PB,PL,R,R=F	<b>Globular</b>	<b>GCL,VB,VL,R,VRI,VMC</b>
<b>NGC 6705</b> 1.9"	<b>Sct</b> 12x50	<b>M11</b> B,L,R=G	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,VB,L,IR,RI,*9,</b>
<b>NGC 6853</b> 1.9"	<b>Vul</b> 12x50	<b>M27</b> F,S,R,R=F	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBEL</b>

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<b>HENIZ 2-260</b> 8"	<b>FIX</b> 7.5mmW VF,VS,R,AV,R=F	<b>Planetary Neb</b>	
<b>IC 5067</b> 8"	<b>Cyg</b> 25mmPL PF,CL,R=F	<b>Nebula EN</b>	
<b>MERR 2-2</b> 8"	<b>FIX</b> 7.5mmW VF,VS,R,AV,R=F	<b>Planetary Neb 1</b>	
<b>NGC 650</b> 8"	<b>Per M76 H193-1</b> 11mmT6 PF,L,R,R=G	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
<b>NGC 6118</b> 8"	<b>Ser H402-2</b> 11mmT6 VF,PS,OVAL,NND,AV,R=F	<b>Galaxy SA(s)cd</b>	<b>VF,CL,CE45,R</b>
<b>NGC 6482</b> 8"	<b>Her</b> 11mmT6 PF,PS,OVAL,NND,R=F	<b>Galaxy E:</b>	<b>VF,S,R,VSVMBMVS RN</b>
<b>NGC 6888</b> 8"	<b>Cyg H72-4</b> 25mmPL PF,PL,PATCHEY,R=F	<b>Nebula E</b>	<b>F,VL,VME,**ATT</b>
<b>NGC 6914</b> 8"	<b>Cyg</b> 25mmPL PF,PS,PATCHY,R=F	<b>Nebula R</b>	<b>VF,VL,IR,DIF,2*ATT P</b>
<b>NGC 7031</b> 8"	<b>Cyg H74-8</b> 11mmT6 CF,CS,R=F	<b>Open Cluster 11.3 III 2 m</b>	<b>CL OF TRIP ST,LC</b>
<b>NGC 7063</b> 8"	<b>Cyg</b> 11mmT6 CF,S,R=F	<b>Open Cluster 8.9 III 1 p</b>	<b>CL,P,ST10...</b>
<b>NGC 7067</b> 8"	<b>Cyg H50-7</b> 11mmT6 CF,VS,R=F	<b>Open Cluster 11.2 II 1 p</b>	<b>CL,P,(NEB)</b>
<b>NGC 7160</b> 8"	<b>Cep H67-8</b> 11mmT6 PB,S,R=F	<b>Open Cluster 7.0 I 3 p</b>	<b>CL,P,VLC</b>
<b>NGC 7209</b> 8"	<b>Lac H53-7</b> 11mmT6 PB,PS,R=G	<b>Open Cluster 9.0 III 1 m</b>	<b>CL,L,CRI,PC,ST9...12</b>
<b>NGC 7243</b> 8"	<b>Lac H75-8</b> 11mmT6 PB,PL,R=G	<b>Open Cluster 8.0 II 2 m</b>	<b>CL,L,P,LC,ST VL</b>
<b>NGC 7296</b> 8"	<b>Lac H41-7</b> 11mmT6 PF,CS,R=F	<b>Open Cluster 10.0 II 2 p</b>	<b>CL,IR,LC,ST VS</b>
<b>NGC 7380</b> 8"	<b>Cep H77-8</b> 11mmT6 PB,CS,R=F	<b>Open Cluster 10.0 III 2 m n</b>	<b>CL,PL,PRI,LC,*9...13</b>
<b>NGC 7789</b> 8"	<b>Cas H30-6</b> 11mmT6 PB,PL,R=G	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,VL,VRI,VMC,*11.18</b>

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IC	1392	Cyg	Galaxy S0-:	
	8"	7.5mmW	VF,ES,OVAL,NND,AV,R=F	
IC	5117	Cyg	Planetary Neb 2	
	8"	11mmT6	F,VS,R,AV,R=F	
NGC	185	Cas	H707-2 Galaxy E3 pec	PB,VL,IR,VGMBM,R
	8"	11mmT6	VF,PL,OVAL,NND,AV,R=F	
NGC	278	Cas	H159-1 Galaxy SAB(rs)b	CB,PL,R,2*10NR
	8"	11mmT6	PF,CS,R,NND,R=F	
NGC	457	Cas	H42-7 Open Cluster 8.6 II 3 r	CL,B,L,PRI,*7,8,10
	8"	7.5mmW	CB,PL,R=G,EXTENDED GROUP	
NGC	3147	Dra	H79-1 Galaxy SA(rs)bc	VB,L,R,VGVSVMBM
	8"	11mmT6	PF,PS,OVAL,NND,R=F	
NGC	5897	Lib	H19-6 Globular	GCL,PF,L,VIR,VGBM,
	8"	11mmT6	CF,PS,R,R=F	
NGC	5907	Dra	H759-2 Galaxy SA(s)c: sp	CB,VL,VME155,VGPSBMN
	8"	11mmT6	PF,PS,EON,VFNUC,R=F	
NGC	6451	Sco	H13-6 Open Cluster 12.0 I 2 r n	CL,PL,PRI,BIFID,ST12
	8"	11mmT6	PB,PL,R=G,DENSE GROUP	
NGC	6572	Oph	Planetary Neb 2a	PLN,VB,VS,R,LHAZY
	8"	7.5mmW	CB,CS,R,R=G	
NGC	6583	Sgr	H31-7 Open Cluster I 2 m	CL,PRI,PC,CE,ST13...
	8"	11mmT6	CF,S,R=F	
NGC	6802	Vul	H14-6 Open Cluster 14.0 I 1 m	CL,L,VC,E0,ST14...18
	8"	11mmT6	PF,CS,R=F	
NGC	6823	Vul	H18-7 Open Cluster 8.8 I 3 m n	CL,CRI,E,ST11...12
	8"	11mmT6	B,PS,R=F	
NGC	6830	Vul	H9-7 Open Cluster 10.0 II 2 p	CL,L,PRI,PC,*11...12
	8"	11mmT6	B,PS,R=F	
NGC	6834	Cyg	H16-8 Open Cluster 11.0 II 2 m	CL,P,LC,*11...12
	8"	19mmW	PB,PS,R=F,LOOSE GROUP	
NGC	6866	Cyg	H59-7 Open Cluster 10.0 II 2 r	CL,L,VRI,CC
	8"	19mmW	PB,PS,R=F,EXTENDED GROUP	
NGC	6882	Vul	H22-8 Open Cluster	CL,P,LC
	8"	11mmT6	PB,PS,R=F	
NGC	6884	Cyg	Planetary Neb 2b	PLN,STELLAR
	8"	11mmT6	VF,VS,AV,R=F	
NGC	6885	Vul	H20-8 Open Cluster 5.9 III 2 m	CL,VB,VL,RI,LC,*6.11
	8"	11mmT6	PB,PS,R=F	

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NGC	6910	<b>Cyg</b>	<b>H56-8</b>	<b>Open Cluster 9.6</b>	<b>I 3 m n</b>	<b>CL,PB,PS,P,PC,*20.12</b>
	8"	19mmW	CB,PS,R=F,BRIGHTER,TIGHTER			
NGC	6934	<b>Del</b>	<b>H103-1</b>	<b>Globular</b>		<b>GCL,B,L,R,RRR,*16...</b>
	8"	7.5mmW	PB,CS,R,R=G			
NGC	6940	<b>Vul</b>	<b>H8-7</b>	<b>Open Cluster 11.0</b>	<b>III 2 r</b>	<b>CL,VB,VL,VRI,CC,STPL</b>
	8"	11mmT6	PB,PL,R=G			
NGC	7006	<b>Del</b>	<b>H52-1</b>	<b>Globular</b>		<b>B,PL,R,GBM</b>
	8"	7.5mmW	VF,CS,R,R=F			
NGC	7044	<b>Cyg</b>	<b>H24-6</b>	<b>Open Cluster 15.0</b>	<b>I 1 r</b>	<b>CL,VF,PL,VRI,VC</b>
	8"	19mmW	B,S,R=F			
NGC	7062	<b>Cyg</b>	<b>H51-7</b>	<b>Open Cluster 10.1</b>	<b>II 2 m</b>	<b>CL,PS,PRI,PC,ST13...</b>
	8"	19mmW	PB,PS,R=F			
NGC	7086	<b>Cyg</b>	<b>H32-6</b>	<b>Open Cluster 10.2</b>	<b>II 2 m</b>	<b>CL,CL,VRI,PC,*11..16</b>
	8"	19mmW	PB,PS,R=F			
NGC	7128	<b>Cyg</b>	<b>H40-7</b>	<b>Open Cluster 11.5</b>	<b>I 3 m</b>	<b>CL,S,PRI,HASARUBY*9</b>
	8"	19mmW	PF,CS,R=F,SMUDGE, NO STARS			
NGC	7331	<b>Peg</b>	<b>H53-1</b>	<b>Galaxy SA(s)b</b>		<b>B,PL,PME163,SMBM</b>
	8"	11mmT6	PB,PL,EON,FNUC,R=G			
NGC	7814	<b>Peg</b>	<b>H240-2</b>	<b>Galaxy SA(s)ab: sp</b>		<b>CB,CL,E,VGBM</b>
	8"	11mmT6	CF,CS,OVAL,NND,AV,R=F			

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NGC	6254	<b>Oph</b>	<b>M10</b>	<b>Globular</b>		<b>GCL,B,VL,R,GVMBM,RRR</b>
	8"	19mmW	PB,PL,R=G, OUTER STARS RESOLVED.			
NGC	6624	<b>Sgr</b>	<b>H50-1</b>	<b>Globular</b>		<b>GCL,VB,PL,R,RRR,ST16</b>
	8"	19mmW	PF,PS,R=F			
NGC	6638	<b>Sgr</b>	<b>H51-1</b>	<b>Globular</b>		<b>GCL,B,S,R,RR</b>
	8"	19mmW	CF,PS,R=F			
NGC	6642	<b>Sgr</b>	<b>H205-2</b>	<b>Globular</b>		<b>GCL,PB,PL,IR,GPMBM</b>
	8"	19mmW	F,CS,R=F			
NGC	6645	<b>Sgr</b>	<b>H23-6</b>	<b>Open Cluster 12.0</b>	<b>IV 1 m</b>	<b>CL,PL,VRI,PC,ST11.15</b>
	8"	19mmW	PB,PS,R=G			
NGC	6652	<b>Sgr</b>		<b>Globular</b>		<b>B,S,LE,RRR,ST15</b>
	8"	19mmW	CF,CS,R=F			
NGC	6723	<b>Sgr</b>		<b>Globular</b>		<b>GCL,VL,VLE,VGBM,RRR</b>
	8"	19mmW	CF,PS,R=F			
NGC	6864	<b>Sgr</b>	<b>M75</b>	<b>Globular</b>		<b>GCL,B,PL,R,VMBMBN,RR</b>
	8"	19mmW	PF,PS,R=F			

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NGC 5897	Lib	H19-6	Globular	GCL,PF,L,VIR,VGBM,
8"	19mmW	VF,PS,R=F, DIM, UNRESOLVED.		
NGC 6235	Oph	H584-2	Globular	PB,CL,IR,RRR,*14..16
8"	19mmW	CF,PS,R-F,LITTLE BRIGHTER, DIM STARS		
NGC 6284	Oph	H11-6	Globular	GCL,B,L,R,CM,ST16...
8"	19mmW	PF,PS,R=F		
NGC 6287	Oph	H195-2	Globular	GCL,CB,L,R,GPMCM,RRR
8"	19mmW	CF,PS,R=F, DIM SMUDGE, NO STARS		
NGC 6293	Oph	H12-6	Globular	GCL,VB,L,R,PSBM,ST16
8"	19mmW	PF,PS,R=F,FAINT STARS		
NGC 6304	Oph	H147-1	Globular	GCL,B,CL,R,LBM,RRR
8"	19mmW	CF,PS,R=F,TIGHT SMUDGE, NO STARS		
NGC 6316	Oph	H45-1	Globular	GCL,CB,PS,R,GVMBM
8"	19mmW	F,PS,R=F,LOOSE SMUDGE, NO STARS		
NGC 6342	Oph	H149-1	Globular	CB,PS,LE,ER
8"	19mmW	VF,PS,R=F, DIM, UNRESOLVED.		
NGC 6355	Oph	H46-1	Globular	CF,L,R,GBM,RRR
8"	19mmW	EF,S,AV,R=F		
NGC 6356	Oph	H48-1	Globular	GCL,VB,CL,VGVMBM,RRR
8"	19mmW	PB,PS,R=G, DIM STARS		
NGC 6366	Oph		Globular	F,L,VLBM
8"	19mmW	EF,PS,AV,R=F		
NGC 6401	Oph	H44-1	Globular	PB,PL,R,*12F INV
8"	19mmW	EF,CS,R=F,VERY DIM SMUDGE		
NGC 6440	Sgr	H150-1	Globular	PB,PL,R,BM
8"	19mmW	CF,CS,R=F		
NGC 6441	Sco		Globular	GCL,VB,PL,R,VGMBM,
8"	19mmW	PB,CS,R=G,TIGHT GROUP, UNRESOLVABLE		
NGC 6522	Sgr	H49-1	Globular	GCL,B,PL,R,GVMBM,RRR
8"	19mmW	PB,S,R=F		
NGC 6528	Sgr	H200-2	Globular	GCL,PF,CS,R,GBM,RRR
8"	19mmW	CF,CS,R=G		
NGC 6544	Sgr	H197-2	Globular	CF,PL,IR,R
8"	19mmW	PF,CS,R=F,SMUDGE, NO STARS		
NGC 6553	Sgr	H12-4	Globular	GCL,F,L,LE,VGLBM,RR
8"	19mmW	PF,PS,R=F		
NGC 6569	Sgr	H201-2	Globular	GCL,CB,L,R,RRR,*15..
8"	19mmW	F,CS,R=F		

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<b>NGC</b>	<b>6633</b>	<b>Oph</b>	<b>H72-8</b>	<b>Open Cluster 8.0 III 2 m</b>	<b>CL,LC,ST L</b>
	8"	32mmUW	VB,VL,LOOSE	CLUSTER	
<b>NGC</b>	<b>6712</b>	<b>Sct</b>	<b>H47-1</b>	<b>Globular</b>	<b>GCL,PB,VL,IRR,RRR</b>
	8"	19mmW	PB,PS,R=G		

## May 29, 2006

## Hidden Hollow - RAS

<b>NGC</b>	<b>5744</b>	<b>Lib</b>		<b>Galaxy (R')SB(rs)d:</b>	<b>EF,VS,(NEB)</b>
	31"	19mmW	PF,CS,R,NND,R=F		
<b>NGC</b>	<b>5745</b>	<b>Lib</b>		<b>Galaxy Sa pec sp</b>	<b>VF,S,E,PSLBM</b>
	31"	19mmW	CF,S,OVA,NND,R=F		
<b>NGC</b>	<b>5756</b>	<b>Lib</b>		<b>Galaxy (R')SB(s)bc p</b>	<b>PB,PL,PME,GPMBM</b>
	31"	19mmW	F,PS,EON,NND,R=F		
<b>NGC</b>	<b>5757</b>	<b>Lib</b>	<b>H690-3</b>	<b>Galaxy (R)SB(r)b</b>	<b>VF,S,IR,LBM</b>
	31"	19mmW	F,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>5761</b>	<b>Lib</b>		<b>Galaxy S0^ pec:</b>	<b>VF,S,R,GLBMN</b>
	31"	19mmW	PF,S,R,NND,R=F		
<b>NGC</b>	<b>5766</b>	<b>Lib</b>		<b>Galaxy SAB(s)bc:</b>	<b>EF,PS,R,GBM</b>
	31"	19mmW	CF,CS,OVAL,NND,R=F		
<b>NGC</b>	<b>5768</b>	<b>Lib</b>	<b>H373-3</b>	<b>Galaxy SA(rs)c:</b>	<b>F,R,BMFn,S*S</b>
	31"	19mmW	F,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>5781</b>	<b>Lib</b>		<b>Galaxy (R')SBb pec sp</b>	<b>F,S,R,BM,*16SP</b>
	31"	19mmW	F,PS,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>5793</b>	<b>Lib</b>		<b>Galaxy Sb: sp</b>	<b>EF,PS,E,BMN</b>
	31"	19mmW	F,PS,EON,NND,R=F		
<b>NGC</b>	<b>5796</b>	<b>Lib</b>		<b>Galaxy E0-1</b>	<b>F,PS*INCENRE</b>
	31"	19mmW	PB,S,OVAL,FNUC,R=G		



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<b>NGC 3839</b> 31"	<b>Leo</b> 19mmW	<b>Galaxy Sdm:</b> PF,PS,OVAL,NND,R=F	<b>VF,S,R,LBM</b>
<b>NGC 5595</b> 31"	<b>Lib</b> 19mmW	<b>H121-3 Galaxy SAB(rs)c</b> PF,PS,OVA,NND,R=F	<b>F,PL,R,VGBM,P OF 2</b>
<b>NGC 5597</b> 31"	<b>Lib</b> 19mmW	<b>H122-3 Galaxy SAB(s)cd</b> F,S,OVA,NND,R=F	<b>VF,L,VLE,VGLBM,F OF2</b>
<b>NGC 5605</b> 31"	<b>Lib</b> 19mmW	<b>H120-3 Galaxy (R')SAB(rs)c p:</b> CF,PS,OVAL,NND,R=F	<b>VF,PL,R,VGBM</b>
<b>NGC 5663</b> 31"	<b>Lib</b> 19mmW	<b>Galaxy SA0-:</b> CF,CS,R,NND,R=F	<b>EF,VS,R,GLBM</b>
<b>NGC 5664</b> 31"	<b>Lib</b> 19mmW	<b>Galaxy Sa</b> PF,PS,OVAL,NND,R=F	<b>PF,S,E,GBM</b>
<b>NGC 5716</b> 31"	<b>Lib</b> 19mmW	<b>H671-3 Galaxy SB(rs)c?</b> CF,PS,OVAL,NND,R=F	<b>VF,PL,R</b>
<b>NGC 5726</b> 31"	<b>Lib</b> 19mmW	<b>Galaxy S0- pec sp</b> CF,CS,OVAL,NND,R=F	<b>F,S,R,GBM,*10.5NP3'</b>
<b>NGC 5729</b> 31"	<b>Lib</b> 19mmW	<b>H508-3 Galaxy Sb pec:</b> PF,PS,EON,NND,R=F	<b>F,PL,E,R</b>
<b>NGC 5734</b> 31"	<b>Lib</b> 19mmW	<b>Galaxy S0^ pec sp</b> F,CS,OVAL,NND,R=F	<b>VF,S,LE,GLBM</b>
<b>NGC 5741</b> 31"	<b>Lib</b> 19mmW	<b>Galaxy E</b> PF,S,R,NND,R=F	<b>VF,VS,R,SBMN</b>
<b>NGC 5742</b> 31"	<b>Lib</b> 19mmW	<b>Galaxy SB(r)0^?</b> PF,S,EON,NND,R=F	<b>F,PS,PME,GBMN</b>
<b>NGC 5743</b> 31"	<b>Lib</b> 19mmW	<b>Galaxy Sb:</b> CF,CS,OVAL,NND,R=F	<b>F,S,ME,SMBMN</b>
<b>PGC 52612</b> 31"	<b>Lib</b> 19mmW	<b>Galaxy SB(s)d</b> VF,CS,OVAL,NND,AV,R=F	

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<b>IC</b>	<b>982</b>	<b>Boo</b>		<b>Galaxy SA0+</b>	
	31"	19mmW	F,CS,R,NND,R=F		
<b>IC</b>	<b>983</b>	<b>Boo</b>		<b>Galaxy SB(r)bc</b>	
	31"	19mmW	VF,PL,OVAL,PATCHY,NND,R=F		
<b>MAC</b>	<b>1423+4015</b>	<b>Boo</b>		<b>Galaxy</b>	
	31"	19mmW	VF,VS,R,NND,AV,R=F		
<b>NGC</b>	<b>5490C</b>	<b>Boo</b>		<b>Galaxy SB(s)bc</b>	
	31"	19mmW	F,CS,OVAL,NND,R=F		
<b>NGC</b>	<b>5490C</b>	<b>Boo</b>		<b>Galaxy SB(s)bc</b>	
	31"	19mmW	PB,PS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>5497</b>	<b>Boo</b>		<b>Galaxy SB(s)b</b>	<b>EF,S,R,LBM</b>
	31"	19mmW	F,S,OVL,NND,R=F		
<b>NGC</b>	<b>5536</b>	<b>Boo</b>	<b>H731-3</b>	<b>Galaxy SBa</b>	<b>CF,VS,R,SP OF 2</b>
	31"	19mmW	PB,CS,R,NND,R=G		
<b>NGC</b>	<b>5541</b>	<b>Boo</b>	<b>H732-3</b>	<b>Galaxy S?</b>	<b>CF,S,R,GBM,NF OF 2</b>
	31"	19mmW	CB,PL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>5598</b>	<b>Boo</b>	<b>H733-3</b>	<b>Galaxy S0</b>	<b>F,VS,R,BM</b>
	31"	19mmW	PB,PL,OVAL,NND,R=G		
<b>NGC</b>	<b>5603</b>	<b>Boo</b>	<b>H734-3</b>	<b>Galaxy S0</b>	<b>CF,PS,R,GBM</b>
	31"	19mmW	F,PL,R,NND,R=F		
<b>PGC</b>	<b>50693</b>	<b>Boo</b>		<b>Galaxy S0/a</b>	
	31"	19mmW	PB,CS,EON,FNUC,R=F		
<b>PGC</b>	<b>51372</b>	<b>Boo</b>		<b>Galaxy SAcd</b>	
	31"	19mmW	PB,PL,OVAL,FNUC,R=G		
<b>PGC</b>	<b>51417</b>	<b>Boo</b>		<b>Galaxy S0</b>	
	31"	19mmW	PB,CS,OVAL,FNUC,R=F		
<b>PGC</b>	<b>51503</b>	<b>Boo</b>		<b>Galaxy Sd</b>	
	31"	19mmW	F,PL,EON,NND,R=F		

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**April 29, 2006****Hidden Hollow - RAS**

<b>NGC</b>	<b>4285</b>	<b>Vir</b>	<b>Galaxy Sa</b>	<b>EF,PS,R</b>
	31"	19mmW	VF,S,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>5661</b>	<b>Vir</b>	<b>H892-2 Galaxy SBb:</b>	<b>VF,PS,IE</b>
	31"	19mmW	CF,PS,EON,NND,R=F	
<b>NGC</b>	<b>5679A</b>	<b>Vir</b>	<b>Galaxy Sc</b>	
	31"	19mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>5679B</b>	<b>Vir</b>	<b>Non-Existent</b>	
	31"	19mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>5701</b>	<b>Vir</b>	<b>H575-2 Galaxy (R)SB(rs)0/a</b>	<b>CB,PS,R,MBM,*11P15S</b>
	31"	19mmW	CB,S,R,FNUC,MSB,R=F	
<b>PGC</b>	<b>51909</b>	<b>Vir</b>	<b>Galaxy Sc</b>	
	31"	19mmW	VF,VS,EON,NND,AV,R=F	
<b>PGC</b>	<b>52199</b>	<b>Vir</b>	<b>Galaxy S0</b>	
	31"	19mmW	F,VS,R,NND,R=F	

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<b>IC</b>	<b>2982</b>	<b>Leo</b>	<b>Galaxy L</b>	
	31"	19mmW	PF,PS,OVAL,NND,R=F	
<b>NGC</b>	<b>2988</b>	<b>Leo</b>	<b>Galaxy SBbc</b>	<b>EF,P 2991</b>
	31"	19mmW	CF,CS,R,FNUC,R=F	
<b>NGC</b>	<b>3812</b>	<b>Leo</b>	<b>H320-3 Galaxy E</b>	<b>CF,VS,R,1STOF3,*6SF</b>
	31"	19mmW	CB,PL,R,FNUC,R=G	
<b>NGC</b>	<b>3814</b>	<b>Leo</b>	<b>Galaxy S0</b>	<b>VS,NEBS*,P 3815</b>
	31"	19mmW	VF,PS,EL,OVAL,NND,R=F	
<b>NGC</b>	<b>3815</b>	<b>Leo</b>	<b>H339-3 Galaxy Sab</b>	<b>CF,S,3RD OF 3</b>
	31"	19mmW	CB,PL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>3816</b>	<b>Leo</b>	<b>Galaxy S0</b>	<b>F,S,BM</b>
	31"	19mmW	CB,CL,EL,OVAL,UB,NND,R=F	
<b>NGC</b>	<b>4004</b>	<b>Leo</b>	<b>H354-3 Galaxy Pec</b>	<b>F,VS,R,*12 NEAR</b>
	31"	19mmW	CF,CS,EON,UB,NND,R=F	
<b>NGC</b>	<b>4570</b>	<b>Vir</b>	<b>H32-1 Galaxy S0 sp</b>	<b>CB,PS,ME0,SBMRN</b>
	31"	19mmW	VB,CL,EON,,BNUC,PHISB,R=G	
<b>NGC</b>	<b>4636</b>	<b>Vir</b>	<b>H38-2 Galaxy E</b>	<b>B,L,IR,VGVMBM,R</b>
	31"	19mmW	VB,VL,OVAL,BNUC,PHISB,R=G	
<b>NGC</b>	<b>4643</b>	<b>Vir</b>	<b>H10-1 Galaxy SB(rs)0/a</b>	<b>CB,PS,LE,MBM</b>
	31"	19mmW	VB,VL,OVAL,BNUC,PHISB,R=G	
<b>NGC</b>	<b>4666</b>	<b>Vir</b>	<b>H15-1 Galaxy SABc:</b>	<b>B,VL,ME45,PSBM</b>
	31"	19mmW	VB,VL,EON,BNUC,VHISB,R=G	
<b>NGC</b>	<b>4697</b>	<b>Vir</b>	<b>H39-1 Galaxy E6</b>	<b>VB,L,LE45,SMBMN</b>
	31"	19mmW	CB,VL,OVAL,VBNUC,VHISB,R=G	
<b>NGC</b>	<b>4699</b>	<b>Vir</b>	<b>H129-1 Galaxy SAB(rs)b</b>	<b>VB,R,VMBMRN,R</b>
	31"	19mmW	CB,CL,OVAL,BNUC,HISB,R=G	
<b>NGC</b>	<b>4753</b>	<b>Vir</b>	<b>H16-1 Galaxy I0</b>	<b>CB,L,VLE,VGLBM</b>
	31"	19mmW	CB,CL,OVAL,BNUC,MSB,R=G	
<b>NGC</b>	<b>4754</b>	<b>Vir</b>	<b>H25-1 Galaxy SB(r)0-:</b>	<b>B,PL,R,PSBM,P OF 2</b>
	31"	19mmW	CB,CL,OVAL,UB,FNUC,MSB,R=G	
<b>NGC</b>	<b>4762</b>	<b>Vir</b>	<b>H75-2 Galaxy SB(r)0^? sp</b>	<b>PB,VME31,3B*S,F OF 2</b>
	31"	19mmW	CB,VL,EON,BNUC,VHISB,R=G	
<b>NGC</b>	<b>4856</b>	<b>Vir</b>	<b>H68-1 Galaxy SB(s)0/a</b>	<b>B,R,PSMBM,*13NP</b>
	31"	19mmW	CB,CL,EL,EON,BNUC,MSB,R=G	
<b>NGC</b>	<b>4866</b>	<b>Vir</b>	<b>H162-1 Galaxy SA(r)0+: sp</b>	<b>B,PL,ME90,SBMN,S*INV</b>
	31"	19mmW	CN.VL,EON,BNUC,MSB,R=G	
<b>NGC</b>	<b>4900</b>	<b>Vir</b>	<b>H143-1 Galaxy SB(rs)c</b>	<b>CB,CE,*10ATT POS135</b>
	31"	19mmW	FB,PL,R,UB,NND,R=F	

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<b>NGC 4958</b> 31"	<b>Vir</b> 19mmW	<b>H130-1</b> CB,P,EON,BNUC,HISB,R=G	<b>Galaxy SB(r)0? sp</b>	<b>VB,PS,E,BMBN</b>
<b>NGC 4995</b> 31"	<b>Vir</b> 19mmW	<b>H42-1</b> PB,CL,OVAL,FNUC,MSB,R=F	<b>Galaxy SAB(rs)b</b>	<b>PB,PL,R,VGPMBM,*8NP</b>
<b>NGC 5054</b> 31"	<b>Vir</b> 19mmW	<b>H513-2</b> CB,PL,OVAL,UB,NND,R=F	<b>Galaxy SA(s)bc</b>	<b>F,PS,IR</b>
<b>NGC 5363</b> 31"	<b>Vir</b> 19mmW	<b>H6-1</b> PB,S,R,FNUC,MSB,R=G	<b>Galaxy I0?</b>	<b>B,PL,R,PSBM,*8NF</b>
<b>NGC 5364</b> 31"	<b>Vir</b> 19mmW	<b>H534-2</b> B,CS,R,NND,R=F	<b>Galaxy SA(rs)bc pec</b>	<b>CF,L,R,GBM</b>
<b>NGC 5560</b> 31"	<b>Vir</b> 19mmW	<b>H579-2</b> B,PL,EON,UB,NND,R=F	<b>Galaxy SB(s)b pec</b>	<b>PF,CL,E,GBM</b>
<b>NGC 5566</b> 31"	<b>Vir</b> 19mmW	<b>H144-1</b> CB,CL,EON,BNUC,HISB,R=G	<b>Galaxy SB(r)ab</b>	<b>B,PL,R,PSBM,R,*F1.5'</b>
<b>NGC 5574</b> 31"	<b>Vir</b> 19mmW	<b>H145-1</b> F,CL,OVAL,UB,NND,R=F	<b>Galaxy SB0:-? sp</b>	<b>PF,PS,LE,P OF 2</b>
<b>NGC 5576</b> 31"	<b>Vir</b> 19mmW	<b>H146-1</b> B,L,OVALBNUC,HISB,R=G	<b>Galaxy E3</b>	<b>B,S,R,VSMBM,F OF 2</b>
<b>NGC 5599</b> 31"	<b>Vir</b> 19mmW	<b>H927-3</b> F,PS,EON,NND,R=F	<b>Galaxy Sb</b>	<b>F,S,LE</b>
<b>NGC 5618</b> 31"	<b>Vir</b> 19mmW	<b>H763-3</b> PF,PS,OVAL,NND,R=F	<b>Galaxy SB(rs)c</b>	<b>EF,S</b>
<b>NGC 5619</b> 31"	<b>Vir</b> 19mmW		<b>Galaxy SAB(rs)b</b>	<b>VF,S,R,VGBM</b>
<b>NGC 5634</b> 31"	<b>Vir</b> 19mmW		<b>Globular</b>	<b>GCL,VB,CL,R,GBM,RRR</b>
<b>NGC 5652</b> 31"	<b>Vir</b> 19mmW		<b>Non-Existent</b>	<b>PB,PL,VLE,BM</b>
<b>NGC 5846A</b> 31"	<b>Vir</b> 19mmW		<b>Galaxy cE2-3</b>	
<b>NGC 5846</b> 31"	<b>Vir</b> 19mmW		<b>Galaxy E0-1</b>	<b>VB,PL,R,PSBMN,F*INVS</b>
<b>PGC 30378</b> 31"	<b>Leo</b> 19mmW		<b>Galaxy C</b>	
<b>PGC 51389</b> 31"	<b>Vir</b> 19mmW		<b>Galaxy C</b>	
<b>PGC 51400</b> 31"	<b>Vir</b> 19mmW		<b>Galaxy SB(s)d</b>	

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**PGC 51622**  
31"

**Vir Galaxy Sbc**  
19mmW F,S,R,NND,R=F CLASS O1503

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<b>NGC</b>	<b>2903</b>	<b>Leo</b>	<b>H56-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>CB,VL,E,GMBM,R,SPOF2</b>
	8"	19mmW	PB,PL,EL,EON,BNUC,HISB,R=G		
<b>NGC</b>	<b>3190</b>	<b>Leo</b>	<b>H44-2</b>	<b>Galaxy SA(s)a pec sp</b>	<b>B,PS,E,PSBMN</b>
	8"	11mmT6	F,PS,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>3193</b>	<b>Leo</b>	<b>H45-2</b>	<b>Galaxy E2</b>	<b>B,S,VLE,PSLBM,*9NF</b>
	8"	11mmT6	PF,PS,R,NND,R=F		
<b>NGC</b>	<b>3226</b>	<b>Leo</b>	<b>H28-2</b>	<b>Galaxy E2: pec</b>	<b>PB,CL,R,DW/3227</b>
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>3227</b>	<b>Leo</b>	<b>H29-2</b>	<b>Galaxy SAB(s)a pec</b>	<b>PB,CL,R,DW/3226</b>
	8"	11mmT6	F,S,EL,R,NND,R=F		
<b>NGC</b>	<b>3377</b>	<b>Leo</b>	<b>H99-2</b>	<b>Galaxy E5-6</b>	<b>VB,CL,LE,SVMBMBN</b>
	8"	11mmT6	VF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3384</b>	<b>Leo</b>	<b>H18-1</b>	<b>Galaxy SB(s)0-:</b>	<b>VB,L,R,PSMBM,2ND OF3</b>
	8"	11mmT6	FB,PS,OVAL,UB,R=G		
<b>NGC</b>	<b>3389</b>	<b>Leo</b>	<b>H41-2</b>	<b>Galaxy SA(s)c</b>	<b>F,L,E PF,VGLBM,3RD-3</b>
	8"	11mmT6	PF,PS,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>3412</b>	<b>Leo</b>	<b>H27-1</b>	<b>Galaxy SB(s)0^</b>	<b>B,S,LE135,SMBMN</b>
	8"	11mmT6	FB,PS,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>3489</b>	<b>Leo</b>	<b>H101-2</b>	<b>Galaxy SAB(rs)0+</b>	<b>VB,PL,LE80,SMBMN</b>
	8"	11mmT6	FB,FS,OVAL,UB,FNUC,R=G		
<b>NGC</b>	<b>3521</b>	<b>Leo</b>	<b>H13-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>CB,CL,ME140,VSMBMN</b>
	8"	11mmT6	PB,PL,OVAL,BNUC,HISB,R=G		
<b>NGC</b>	<b>3593</b>	<b>Leo</b>	<b>H29-1</b>	<b>Galaxy SA(s)0/a:</b>	<b>B,CL,E90,PSMBM</b>
	8"	11mmT6	F,L,EON,NND,R=F		
<b>NGC</b>	<b>3607</b>	<b>Leo</b>	<b>H50-2</b>	<b>Galaxy SA(s)0^:</b>	<b>VB,L,R,VMBM,2ND OF 3</b>
	8"	11mmT6	PB,L,R,BNUC,HISB,R=G		
<b>NGC</b>	<b>3608</b>	<b>Leo</b>	<b>H51-2</b>	<b>Galaxy E2</b>	<b>B,PL,R,PSBM,3RD OF 3</b>
	8"	11mmT6	B,CL,OVAL,NND,R=F		
<b>NGC</b>	<b>3626</b>	<b>Leo</b>	<b>H52-2</b>	<b>Galaxy S0-a</b>	<b>B,S,VLE,SBM</b>
	8"	11mmT6	B,PS,OVAL,FNUC,MSB,R=F		
<b>NGC</b>	<b>3628</b>	<b>Leo</b>	<b>H8-5</b>	<b>Galaxy Sb pec sp</b>	<b>PB,VL,VME102</b>
	8"	11mmT6	PF,CL,EON,NND,R=F		
<b>NGC</b>	<b>3640</b>	<b>Leo</b>	<b>H33-2</b>	<b>Galaxy E3</b>	<b>B,PL,R,PSBM</b>
	8"	11mmT6	PB,L,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>3686</b>	<b>Leo</b>	<b>H160-2</b>	<b>Galaxy SB(s)bc</b>	<b>PB,L,VLE,VGBM,R</b>
	8"	11mmT6	VF,PS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3810</b>	<b>Leo</b>	<b>H21-1</b>	<b>Galaxy SA(rs)c</b>	<b>B,L,VLE</b>
	8"	11mmT6	PF,L,OVAL,UB,NND,R=F		

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NGC	3962	Crt	H67-1	Galaxy E1	CB,PL,IR,GMBM,TRI2*
	8"	19mmW	PF,PS,OVAL,NND,R=F		
NGC	4261	Vir	H139-2	Galaxy E2-3	PB,PS,R,GBM
	8"	11mmT6	B,L,OVAL,FNUC,MSB,R=G		
NGC	4293	Com	H5-5	Galaxy (R)SB(s)0/a	F,VL,E,LBM,R
	8"	11mmT6	PB,L,EON,UB,R=F		
NGC	4365	Vir	H30-1	Galaxy E3	CB,PL,VLE,GL,SMBM
	8"	11mmT6	PB,PL,OVAL,FNUC,MSB,R=G		
NGC	4371	Vir	H22-1	Galaxy SB(r)0+	B,PS,R,GBM
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
NGC	4394	Com	H55-2	Galaxy (R)SB(r)b	PB,LE,BM
	8"	11mmT6	PF,PS,R,NND,R=F		
NGC	4429	Vir	H65-2	Galaxy SA(r)0+	B,L,CE,PSBM,*10NF
	8"	11mmT6	F,PS,EL,OVAL,UB,R=F		
NGC	4435	Vir	H28-1	Galaxy SB(s)0^	VB,CL,R,NP OF 2
	8"	11mmT6	B,S,R,FNUC,MSB,R=G		
NGC	4438	Vir	H28-1	Galaxy SA(s)0/a pec:	B,CL,VLE,R,SF OF 2
	8"	11mmT6	F,PL,EL,OVAL,NND,R=F		
NGC	4442	Vir	H156-2	Galaxy SB(s)0^	VB,PL,R,SMBM
	8"	11mmT6	PB,CS,EON,FNUC,R=G		
NGC	4459	Com	H161-1	Galaxy SA(r)0+	PB,PL,IR,BM,R,*8SF2'
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
NGC	4473	Com	H114-2	Galaxy E5	PB
	8"	11mmT6	PB,CS,OVAL,FNUC,R=G		
NGC	4474	Com	H117-2	Galaxy S0 pec:	PF,R,R
	8"	11mmT6	VF,VS,OVAL,NND,R=F		
NGC	4477	Com	H115-2	Galaxy SB(s)0:?	PB,CL
	8"	11mmT6	PB,CS,R,FNUC,R=G		
NGC	4494	Com	H83-1	Galaxy E1-2	VB,PL,R,VSBMNM
	8"	11mmT6	FB,FL,OVAL,FNUC,R=F		
NGC	4526	Vir	H31-1	Galaxy SAB(s)0^:	VB,VL,ME120,PSMBM
	8"	11mmT6	VB,CS,EON,BNUC,R=G		
NGC	4535	Vir	H500-2	Galaxy SAB(s)c	PF,VL,R
	8"	11mmT6	F,VL,OVAL,NND,R=F		
NGC	4546	Vir	H160-1	Galaxy SB(s)0-:	VB,CL,PME78,VSBMNM
	8"	11mmT6	F,L,OVAL,NND,R=F		
NGC	4548	Com	M91 H120-2	Galaxy SB(rs)b	B,L,LE,LBM
	8"	11mmT6	B,L,EON,NND,R=F		



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<b>NGC</b>	<b>5005</b>	<b>CVn</b>	<b>H96-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VME66,VSBMN</b>
	8"	11mmT6	PB,PL,EON,BNUC,R=G		
<b>NGC</b>	<b>5033</b>	<b>CVn</b>	<b>H97-1</b>	<b>Galaxy SA(s)c</b>	<b>VB,PL,E167,SMBMVBN</b>
	8"	11mmT6	B,L,EON,ND,R=F		
<b>NGC</b>	<b>5195</b>	<b>CVn</b>	<b>H186-1</b>	<b>Galaxy I0 pec</b>	<b>B,PS,LE,VGBM,INV-M51</b>
	8"	11mmT6	PB,L,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>5676</b>	<b>Boo</b>	<b>H189-1</b>	<b>Galaxy SA(rs)bc</b>	<b>B,L,E45,PGBM,R</b>
	8"	11mmT6	F,L,EL,OVAL,NND,R=F		

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<b>IC</b>	<b>601</b>	<b>Leo</b>	<b>Galaxy S?</b>
	31"	19mmW PF,PS,EON,NND,R=F	
<b>IC</b>	<b>602</b>	<b>Leo</b>	<b>Galaxy S:</b>
	31"	19mmW VB,PL,OVAL,BNUC,HISB,R=G	
<b>IC</b>	<b>606</b>	<b>Leo</b>	<b>Non-Existent</b>
	31"	19mmW PB,PL,OVAL,BNUC,MSB,R=G	
<b>IC</b>	<b>607</b>	<b>Leo</b>	<b>Galaxy SB(rs)bc</b>
	31"	19mmW DIFF,PF,PL,OVAL,NND,R=F	
<b>IC</b>	<b>610</b>	<b>Leo</b>	<b>Galaxy Sbc</b>
	31"	19mmW PB,VL,EON,UB,HISB,R=G	
<b>IC</b>	<b>612</b>	<b>Leo</b>	<b>Galaxy S</b>
	31"	19mmW B,PS,OVAL,UB,R=F	
<b>IC</b>	<b>613</b>	<b>Leo</b>	<b>Galaxy E</b>
	31"	19mmW PB,PL,R,FNUC,R=G	
<b>IC</b>	<b>615</b>	<b>Leo</b>	<b>Galaxy S</b>
	31"	19mmW PB,VL,EON,FNUC,MSB,R=G	
<b>IC</b>	<b>616</b>	<b>Leo</b>	<b>Galaxy Scd:</b>
	31"	19mmW PF,PL,R,NND,R=F	
<b>IC</b>	<b>620</b>	<b>Leo</b>	<b>Galaxy</b>
	31"	19mmW F,PS,OVAL,UB,NND,R=F	
<b>IC</b>	<b>635</b>	<b>Leo</b>	<b>Galaxy S?</b>
	31"	19mmW F,PL,EON,UB,NND,R=F	
<b>IC</b>	<b>637</b>	<b>Leo</b>	<b>Galaxy</b>
	31"	19mmW F,PS,R,NND,R=F	
<b>IC</b>	<b>638</b>	<b>Leo</b>	<b>Galaxy SAB(s)bc</b>
	31"	19mmW PF,PS,OVAL,NND,R=F	
<b>IC</b>	<b>639</b>	<b>Leo</b>	<b>Galaxy Sb</b>
	31"	19mmW PF,PS,CE,UB,NND,R=F	
<b>IC</b>	<b>642</b>	<b>Leo</b>	<b>Galaxy E?</b>
	31"	19mmW PB,PL,R,FNUC,MSB,R=G	
<b>IC</b>	<b>643</b>	<b>Leo</b>	<b>Galaxy</b>
	31"	19mmW B,PL,CE,FNUC,MSB,R=G	
<b>IC</b>	<b>648</b>	<b>Leo</b>	<b>Galaxy Sc</b>
	31"	19mmW F,PL,OVAL,NND,R=F	
<b>IC</b>	<b>2551</b>	<b>Leo</b>	<b>Galaxy S?</b>
	31"	19mmW B,S,OVAL,FNUC,MSB,R=G	
<b>IC</b>	<b>2562</b>	<b>Leo</b>	<b>Galaxy S</b>
	31"	19mmW B,S,OVAL,NND,R=F	

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<b>IC</b>	<b>2567</b>	<b>Leo</b>	<b>Galaxy LB</b>	
	31"	19mmW	PF,CS,OVAL,NND,R=F	
<b>IC</b>	<b>2579</b>	<b>Leo</b>	<b>Non-Existent</b>	
	31"	19mmW	PB,PL,EON,BNUC,MSB,R=G	
<b>IC</b>	<b>2583</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	19mmW	PB,PS,OVAL,BNUC,MSB,R=G	
<b>IC</b>	<b>2590</b>	<b>Leo</b>	<b>Galaxy S0</b>	
	31"	19mmW	PB,PL,R,BNUC,MSB,R=G	
<b>IC</b>	<b>2626</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	19mmW	PF,PS,EON,NND,R=F	
<b>MAC</b>	<b>1018+0708</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1023+1056</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,R,NND,AV,R=F	
<b>NGC</b>	<b>3279</b>	<b>Leo</b>	<b>Galaxy Sd</b>	<b>F,ME</b>
	31"	19mmW	B,PL,MEON,UB,NND,R=G	
<b>PGC</b>	<b>29413</b>	<b>Leo</b>	<b>Galaxy SABdm:</b>	
	31"	19mmW	PF,PS,OVAL,NND,R=F	
<b>PGC</b>	<b>29488</b>	<b>Leo</b>	<b>Galaxy E3</b>	
	31"	19mmW	PF,PL,OVAL,NND,R=F	
<b>PGC</b>	<b>31075</b>	<b>Leo</b>	<b>Galaxy Sbc</b>	
	31"	19mmW	PB,PL,EON,UB,BNUC,R=G	

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## Home

<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	8"	19mmW	PB,PL,HISB,R=E		
<b>NGC</b>	<b>1981</b>	<b>Ori</b>		<b>Open Cluster 10.0 III 3 p n</b>	<b>CL,VB,LRI,ST L,SC</b>
	8"	19mmW	PB,L,R=F, SCATTERED STARS		
<b>NGC</b>	<b>2169</b>	<b>Ori</b>	<b>H24-8</b>	<b>Open Cluster 6.9 III 3 m</b>	<b>CL,S,LRI,PMC,**</b>
	8"	19mmW	B,S,R=F		

## Observations Listing by Date

<b>March 29, 2006</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>1980</b> 8"	<b>Ori</b> 19mmW	<b>H31-5</b> PB,L,R=F	<b>Nebula III 3 m n</b>	<b>VF,VVL,44ORIONIS INV</b>
<b>NGC</b>	<b>2186</b> 8"	<b>Ori</b> 11mmT6	<b>H25-7</b> F,S,R=F	<b>Open Cluster 12.0 II 2 m</b>	<b>CL,PL,PRI,PC,ST L\$\$</b>
<b>NGC</b>	<b>2194</b> 8"	<b>Ori</b> 11mmT6	<b>H5-6</b> F,S,R=F	<b>Open Cluster 13.0 II 2 r</b>	<b>CL,L,RI,GVMCM</b>
<b>NGC</b>	<b>2215</b> 8"	<b>Mon</b> 19mmW	<b>H20-7</b> F,S,R=F	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,CL,PRI,PC,ST11.15</b>
<b>NGC</b>	<b>2251</b> 8"	<b>Mon</b> 19mmW	<b>H3-8</b> B,L,R=F	<b>Open Cluster 9.1 III 2 m</b>	<b>CL,VL,E,RI,LC</b>
<b>NGC</b>	<b>2286</b> 8"	<b>Mon</b> 19mmW	<b>H31-8</b> B,L,R=F	<b>Open Cluster 9.0 III 2 m</b>	<b>CL,L,C,AB100*9...15</b>
<b>NGC</b>	<b>2301</b> 8"	<b>Mon</b> 19mmW	<b>H27-6</b> PB,L,R=G	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,RI,L,IF,ST L\$\$</b>
<b>NGC</b>	<b>2311</b> 8"	<b>Mon</b> 19mmW	<b>H60-8</b> N.S.R=F	<b>Open Cluster 12.0 III 2 m</b>	<b>CL,LC,NOT RI</b>
<b>NGC</b>	<b>2335</b> 8"	<b>Mon</b> 19mmW	<b>H32-8</b> F,PS,R=F	<b>Open Cluster 10.0 III 2 m n</b>	<b>CL,L,LC</b>
<b>NGC</b>	<b>2343</b> 8"	<b>Mon</b> 19mmW	<b>H33-8</b> F,PS,R=F	<b>Open Cluster 8.0 II 2 p n</b>	<b>CL,CL,P,LC</b>
<b>NGC</b>	<b>2353</b> 8"	<b>Mon</b> 19mmW	<b>H34-8</b> SMALLER, BRIGHTER,L,R=G	<b>Open Cluster 9.0 III 3 p</b>	<b>CL,L,LC,ONEVB*</b>
<b>NGC</b>	<b>2506</b> 8"	<b>Mon</b> 19mmW	<b>H37-6</b> PF,PS,R=F, NICE GROUP	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,PL,VRI,C,*11...20</b>
<b>NGC</b>	<b>2610</b> 8"	<b>Hya</b> 11mmT6	<b>H35-4</b> PF,PS,R=F	<b>Planetary Neb 4+2</b>	<b>F,S,ATTTO*13,*7NF</b>
<b>NGC</b>	<b>2765</b> 8"	<b>Hya</b> 11mmT6	<b>H520-2</b> PF,PS,OVAL,NND,AV,R=F	<b>Galaxy S0</b>	<b>VF,PL,E,GBM,ER</b>
<b>NGC</b>	<b>2811</b> 8"	<b>Hya</b> 11mmT6	<b>H505-2</b> PF,PS,EL,OVAL,NND,AV,R=F	<b>Galaxy SB(rs)a</b>	<b>PB,PS,E,PSMBM</b>
<b>NGC</b>	<b>2905</b> 8"	<b>Leo</b> 11mmT6	<b>H57-1</b> PB,PL,EON,BNUC,R=G	<b>Knot in Galaxy</b>	<b>VF,CL,R,PSBM,R,NFOF2</b>
<b>NGC</b>	<b>3070</b> 8"	<b>Leo</b> 11mmT6	<b>H59-2</b> PF,PS,OVAL,NND,AV,R=F	<b>Galaxy E</b>	<b>PB,PS,R,GMBMN,AM3ST</b>
<b>NGC</b>	<b>3145</b> 8"	<b>Hya</b> 11mmT6	<b>H518-3</b> B,L,EON,FNUC,R=F	<b>Galaxy SB(rs)bc</b>	<b>F,PL,R,VGSLBM</b>
<b>NGC</b>	<b>3395</b> 8"	<b>LMI</b> 11mmT6	<b>H116-1</b> PF,PS,EL,OVAL,NND,R=F	<b>Galaxy SAB(rs)cd pec:</b>	<b>CB,PS,ILE,1ST OF 2</b>

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<b>March 29, 2006</b>		<b>Hidden Hollow - RAS</b>		
<b>NGC</b>	<b>3396</b>	<b>LMi</b>	<b>H117-1</b>	<b>Galaxy IBm pec</b>
	8"	11mmT6	PF,VS,R,NND,R=F	<b>PB,PS,ILE,2ND OF 2</b>
<b>NGC</b>	<b>3430</b>	<b>LMi</b>	<b>H118-1</b>	<b>Galaxy SAB(rs)c</b>
	8"	11mmT6	PF,S,OVAL,NND,R=F	<b>PB,L,IE,GBM,2ND OF 3</b>
<b>NGC</b>	<b>3432</b>	<b>LMi</b>	<b>H172-1</b>	<b>Galaxy SB(s)m sp</b>
	8"	11mmT6	F,L,EON,NND,R=F	<b>PB,PL,VME40,**NR SP</b>
<b>NGC</b>	<b>3504</b>	<b>LMi</b>	<b>H88-1</b>	<b>Galaxy (R)SAB(s)ab</b>
	8"	11mmT6	F,S,R,UB,R=F	<b>B,L,E,MBMN,RR,P OF 2</b>
<b>NGC</b>	<b>3585</b>	<b>Hya</b>	<b>H269-2</b>	<b>Galaxy E6</b>
	8"	11mmT6	B,L,OVAL,FNUC,R=F	<b>B,PL,E,VSMBMN,2B*TRI</b>
<b>NGC</b>	<b>3900</b>	<b>Leo</b>	<b>H82-1</b>	<b>Galaxy SA(r)0+</b>
	8"	11mmT6	F,L,OVAL,NND,R=F	<b>B,PL,VLE0,BMN</b>
<b>NGC</b>	<b>3912</b>	<b>Leo</b>	<b>H342-2</b>	<b>Galaxy SAB(s)b? pec</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	<b>F,PL,R,PGBM</b>
<b>NGC</b>	<b>4027</b>	<b>Crv</b>	<b>H296-2</b>	<b>Galaxy SB(s)dm</b>
	8"	11mmT6	PF,PS,R,NND,AV,R=F	<b>GCL,PF,PL,R,RR,ST16</b>
<b>NGC</b>	<b>4143</b>	<b>CVn</b>	<b>H54-4</b>	<b>Galaxy SAB(s)0^</b>
	8"	19mmW	DIFF,F,L,OVAL,NND,R=F	<b>CB,R,VG,VSMBMN</b>
<b>NGC</b>	<b>4147</b>	<b>Com</b>	<b>H19-1</b>	<b>Globular</b>
	8"	11mmT6	F,S,R,NND,R=F CLASS IX	<b>GCL,VB,PL,R,GBM,RRR</b>
<b>NGC</b>	<b>4150</b>	<b>Com</b>	<b>H73-1</b>	<b>Galaxy SA(r)0^?</b>
	8"	11mmT6	B,L,R,FNUC,R=F	<b>B,S,R,PGBM</b>
<b>NGC</b>	<b>4151</b>	<b>CVn</b>	<b>H165-1</b>	<b>Galaxy (R')SAB(rs)ab:</b>
	8"	11mmT6	F,S,OVAL,NND,R=F	<b>VB,S,R,VSMBMBN,P OF2</b>
<b>NGC</b>	<b>4156</b>	<b>CVn</b>	<b>H642-2</b>	<b>Galaxy SB(rs)b</b>
	8"	11mmT6	F,PS,R,NND,R=F	<b>PF,S,E,VGBM,F OF 2</b>
<b>NGC</b>	<b>4214</b>	<b>CVn</b>	<b>H95-1</b>	<b>Galaxy IBm</b>
	8"	11mmT6	F,PS,R,NND,R=F	<b>CB,CL,IE,BIN</b>
<b>NGC</b>	<b>4346</b>	<b>CVn</b>	<b>H210-1</b>	<b>Galaxy S0 sp</b>
	8"	11mmT6	F,S,EON,FNUC,R=F	<b>VF,S,ME100,VSMBMBN</b>
<b>NGC</b>	<b>4485</b>	<b>CVn</b>	<b>H197-1</b>	<b>Galaxy IB(s)m pec</b>
	8"	11mmT6	PF,PS,R,NND,R=F	<b>B,PS,IR,NP OF 2</b>
<b>NGC</b>	<b>4490</b>	<b>CVn</b>	<b>H198-1</b>	<b>Galaxy SB(s)d pec</b>
	8"	11mmT6	F,S,OVAL,FNUC,R=F	<b>VB,VL,ME130,R,SF OF2</b>
<b>NGC</b>	<b>4618</b>	<b>CVn</b>	<b>H178-1</b>	<b>Galaxy SB(rs)m</b>
	8"	11mmT6	PF,PS,OVAL,NND,AV,R=F	<b>B,L,E,MBM,CVDBRANCHN</b>
<b>NGC</b>	<b>4800</b>	<b>CVn</b>	<b>H211-1</b>	<b>Galaxy SA(rs)b</b>
	8"	11mmT6	PF,PS,R,NND,R=F	<b>PB,CS,R,PSBM,*14P</b>

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<b>NGC</b>	<b>5273</b>	<b>CVn</b>	<b>H98-1</b>	<b>Galaxy SA(s)0^</b>	<b>CB,PL,R,G,PSMBM</b>
	8"	11mmT6	PF,PS,R,NND,AV,R=F		
<b>NGC</b>	<b>5557</b>	<b>Boo</b>	<b>H99-1</b>	<b>Galaxy E1</b>	<b>CB,S,R,VSBM*</b>
	8"	11mmT6	F,S,R,FNUC,R=F		

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IC	4715	Sgr		Non-Existent	
	8"	19mmW	R=F		
IC	4725	Sgr	M25	Open Cluster 8.0 I 3 m	
	8"	19mmW	S,R=F		
NGC	4590	Hya	M68	Globular	GCL,L,ERI,VC,IR,ST12
	8"	19mmW	F,L,R,R=F, DENSE CLUSTER		
NGC	5236	Hya	M83	Galaxy SAB(s)c	VB,VL,E55,ESBMN,SPIR
	8"	19mmW	DIFF,F,L,OVAL,,NND,R=F		
NGC	5904	Ser	M5	Globular	GCL,VB,L,ECM,*11..15
	8"	19mmW	B,L,R=G,DENSE, RESOLVE OUTER STARS		
NGC	6093	Sco	M80	Globular	GCL,VB,L,VMBM(VAR*)
	8"	19mmW	VB,S,R=G,TIGHT GROUP		
NGC	6121	Sco	M4	Globular	CL,8OR10B*LINE,RRR
	8"	19mmW	B,L,R=G,LOOSELY PACKED		
NGC	6171	Oph	M107 H40-6	Globular	GCL,L,VRI,VMC,R,RRR
	8"	19mmW	F,L,R=F, DENSE		
NGC	6205	Her	M13	Globular	GCL,EB,VRI,VGECM,*11
	8"	19mmW	B,L,R,R=G,DENSE,RESOLVE OUTER STARS		
NGC	6218	Oph	M12	Globular	GCL,VB,VL,IR,GMBM
	8"	19mmW	B,L,R=G,LOOSELY PACKED		
NGC	6254	Oph	M10	Globular	GCL,B,VL,R,GVMBM,RRR
	8"	19mmW	B,L,R=G,LOOSELY PACKED		
NGC	6266	Oph	M62	Globular	GCL,VB,L,GMBM,RRR,
	8"	19mmW	B,S,R=G, TIGHT GROUP		
NGC	6273	Oph	M19	Globular	GCL,VB,L,R,VCM,RRR
	8"	19mmW	B,S,R=G, TIGHT GROUP		
NGC	6333	Oph	M9	Globular	GCL,B,L,R,ECM,RRR,
	8"	19mmW	F,VL,R,R=F,		
NGC	6341	Her	M92	Globular	GCL,VB,VL,ECM,ST S
	8"	19mmW	B,L,R,R=G,DENSE,RESOLVE OUTER STARS		
NGC	6402	Oph	M14	Globular	GCL,B,VL,R,ERI,VGMBM
	8"	19mmW	F,L,R=F,TIGHT SMUDGE		
NGC	6405	Sco	M6	Open Cluster 5.5 II 3 r	CL,L,IR,LC,ST7,10...
	8"	19mmW	F,S,R=F		
NGC	6475	Sco	M7	Open Cluster 7.0 I 3 r	CL,VB,PRI,LC,*7...12
	8"	19mmW	B,L,R=F		
NGC	6494	Sgr	M23	Open Cluster 10.0 II 2 r	CL,B,VL,PRI,LC,*10..
	8"	19mmW	L,R=F		

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NGC	6514	Sgr	M20	H41-4	Nebula EN+OC	VB,VL,TRIFID,D*INV
	8"	19mmW	B,L,FEW STARS,NEBULASITY OK,R=G			
NGC	6523	Sgr	M8		Nebula E	VB,EL,EIF,W/LCL
	8"	19mmW	B,PL,R=G,MORE STARS			
NGC	6531	Sgr	M21		Open Cluster 8.0 I 3 r	CL,PRI,LC,ST9...12
	8"	19mmW	B,S,R=G			
NGC	6603	Sgr	M24		Open Cluster 14.0 I 2	CL,VRI,VMC,R,M WAY
	8"	19mmW	R=F			
NGC	6611	Sgr	M16		Open Cluster 11.0 II 3 m n	CL,ATLEAST100* L\$\$
	8"	19mmW	L,B,R=G			
NGC	6613	Sgr	M18		Open Cluster 8.7 II 3 p n	CL,P,VLC
	8"	19mmW	R=F			
NGC	6618	Sgr	M17		Nebula EN+OC	B,EL,EIF,2HOOKED
	8"	19mmW	L,B,R=G			
NGC	6626	Sgr	M28		Globular	GCL,VB,L,R,GECM,RRR
	8"	19mmW	F,FS,R,R=G, TIGHT GROUP			
NGC	6637	Sgr	M69		Globular	GCL,B,L,R,RRR,*14.16
	8"	19mmW	F,S,R=F,TIGHT GROUP			
NGC	6656	Sgr	M22		Globular	GCL,VB,VL,R,VRI,VMC
	8"	19mmW	B,PL,R=G, RESOLVE OUTER STARS			
NGC	6681	Sgr	M70		Globular	GCL,B,PL,R,GBM,
	8"	19mmW	PF,PS,R=F,TIGHT GROUP			
NGC	6694	Sct	M26		Open Cluster 11.0 II 3 m	CL,CL,PRI,PC,ST12.15
	8"	19mmW	F,S,R=F			
NGC	6705	Sct	M11		Open Cluster 11.0 I 2 r	CL,VB,L,IR,RI,*9,
	8"	19mmW	B,L,R=G			
NGC	6715	Sgr	M54		Globular	GCL,VB,L,R,G,SMBM,
	8"	19mmW	PF,PS,R=F,TIGHT GROUP			
NGC	6720	Lyr	M57		Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA
	8"	19mmW	B,L,R, R=G			
NGC	6779	Lyr	M56		Globular	GCL,B,L,IR,GVMCM,RRR
	8"	19mmW	F,PS,R,R=F,LOOSELY PACKED			
NGC	6809	Sgr	M55		Globular	GCL,PB,L,R,VRI,VGBM
	8"	19mmW	VF,L,R=F			
NGC	6838	Sge	M71		Globular	CL,VL,VRI,PMC,*11.16
	8"	19mmW	DIFF,F,L,R=F,LOOSELY PACKED			
NGC	6853	Vul	M27		Planetary Neb 3+2	VB,VL,BIN,IE,DUMBEL
	8"	19mmW	B,L,R=G, LONG			



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**March 27, 2006****Hidden Hollow - RAS**

<b>NGC</b>	<b>6913</b>	<b>Cyg</b>	<b>M29</b>	<b>Open Cluster 9.0 II 3 m n</b>	<b>CL,P,LC,STL\$\$</b>
	8"	19mmW	S,LOOSE,R=F		
<b>NGC</b>	<b>6994</b>	<b>Aqr</b>	<b>M73</b>	<b>Open Cluster 11.1 IV 1 p</b>	<b>CL,EP,VLC,NO NEB</b>
	8"	19mmW	R=P, 4 STARS?		
<b>NGC</b>	<b>7078</b>	<b>Peg</b>	<b>M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
	8"	19mmW	B,S,R=G, TIGHT GROUP		
<b>NGC</b>	<b>7089</b>	<b>Aqr</b>	<b>M2</b>	<b>Globular</b>	<b>GCL,B,VL,GPMBM,RRR</b>
	8"	19mmW	B,S,R=G, TIGHT GROUP		
<b>NGC</b>	<b>7092</b>	<b>Cyg</b>	<b>M39</b>	<b>Open Cluster 7.0 III 2 m</b>	<b>CL,VL,VP,VLC,*7...10</b>
	8"	19mmW	S,LOOSE,R=F		

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NGC	1904	Lep	M79	Globular	GCL,PL,ERI,EC,RRR
	8"	19mmW	B,PS,,TIGHT,R=F		
NGC	1952	Tau	M1	Nebula E	VB,VL,E135,VGLBM,R
	8"	19mmW	DIFF,F,L,R=F		
NGC	4192	Com	M98	Galaxy SAB(s)ab	B,VL,VME152,VSVMBM
	8"	19mmW	F,FL,OVAL,NND,UB,R=G		
NGC	4254	Com	M99	Galaxy SA(s)c	B,L,R,GBM,R,3BRSPIRA
	8"	19mmW	F,S,OVAL,NND,R=F		
NGC	4258	CVn	M106 H43-5	Galaxy Sb	VB,VL,VME0,SBMBN
	8"	19mmW	MB,ML,OVAL,FNUC,MSB,,R=F		
NGC	4303	Vir	M61 H139-1	Galaxy SAB(rs)bc	VB,VL,VSBM*,BIN
	8"	19mmW	DIFF,F,L,OVAL,NND,R=F		
NGC	4321	Com	M100	Galaxy SAB(s)bc	PF,VL,R,VG,PSBMRN
	8"	19mmW	F,L,OVAL,NND,R=F		
NGC	4374	Vir	M84	Galaxy E1	VB,PL,R,PSBM,R
	8"	19mmW	B,S,OVAL,NND,R=F		
NGC	4382	Com	M85	Galaxy SA(s)0+ pec	VB,PL,R,BM,*NP
	8"	19mmW	B,L,OVAL,BNUC,R=G		
NGC	4406	Vir	M86	Galaxy E3	VB,L,R,GBMN,R
	8"	19mmW	B,S,R,NND,R=F		
NGC	4472	Vir	M49	Galaxy E2	VB,L,R,MBM,R
	8"	19mmW	B,L,OVAL,BNUC,HISB,R=G		
NGC	4486	Vir	M87	Galaxy E+0-1 pec	VB,VL,R,MBM,3RD OF 3
	8"	19mmW	B,LLARGER,FNUC,R=G		
NGC	4501	Com	M88	Galaxy SA(rs)b	B,VL,VME
	8"	19mmW	B,L,OVAL,FNUC,R=F		
NGC	4548	Com	M91 H120-2	Galaxy SB(rs)b	B,L,LE,LBM
	8"	19mmW	B,L,EON,NND,R=F		
NGC	4552	Vir	M89	Galaxy E0-1	PB,PS,R,GMBM
	8"	19mmW	B,L,R,FNUC,R=G		
NGC	4569	Vir	M90	Galaxy SAB(rs)ab	PL,BMN
	8"	19mmW	F,L,EON,NND,R=F		
NGC	4579	Vir	M58	Galaxy SAB(rs)b	B,L,IR,VMBM,R
	8"	19mmW	F.S.VA;,NND.R=F		
NGC	4594	Vir	M104 H43-1	Galaxy SA(s)a sp	VB,VL,EE92,VSMBMN
	8"	19mmW	PB,PL,EON,BNUC,HISB,R=G		
NGC	4621	Vir	M59	Galaxy E5	B,PL,LE,VSVMBM,2*P
	8"	19mmW	F,L,OVAL,NND,R=F		

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<b>NGC 4649</b> 8"	<b>Vir</b> 19mmW	<b>M60</b> F,L,OVAL,NND,R=F	<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
<b>NGC 4736</b> 8"	<b>CVn</b> 19mmW	<b>M94</b> PB,S,OVAL,BNUC,HISB,R=G	<b>Galaxy (R)SA(r)ab</b>	<b>VB,L,IR,VSVMBMBN,R</b>
<b>NGC 4826</b> 8"	<b>Com</b> 19mmW	<b>M64</b> PB,PL,EL,OVAL,BNUC,R=G	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
<b>NGC 5024</b> 8"	<b>Com</b> 19mmW	<b>M53</b> PB,L,HSB,R=G, DENSE	<b>Globular</b>	<b>GCL,B,VC,IR,VVMBM,</b>
<b>NGC 5055</b> 8"	<b>CVn</b> 19mmW	<b>M63</b> PB,PL,EON,BNUC,HISB,R=G	<b>Galaxy SA(rs)bc</b>	<b>VB,L,PME120,VSMBMBN</b>
<b>NGC 5194</b> 8"	<b>CVn</b> 19mmW	<b>M51</b> VB,PL,OVAL,BNUC,R=G	<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
<b>NGC 5272</b> 8"	<b>CVn</b> 19mmW	<b>M3</b> PB,PL,R,HSB,R=G	<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>
<b>NGC 5457</b> 8"	<b>UMa</b> 19mmW	<b>M101</b> F,L,OVAL,NND,R=F	<b>Galaxy SAB(rs)cd</b>	<b>PB,VL,IR,G,VSMBMBSN 4</b>
<b>NGC 5866</b> 8"	<b>Dra</b> 19mmW	<b>M102 H215-1</b> B,S,OVAL,FNUC,MSB,R=F	<b>Galaxy SA0+ sp</b>	<b>VB,CL,PME146,GBM</b>

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<b>M</b>	<b>45</b>	<b>Tau</b>	<b>M45</b>	<b>Open Cluster</b>	
	8"	25mmPL	PB,VL,R=E.	PRETTY NICE	
<b>NGC</b>	<b>205</b>	<b>And</b>	<b>M110 H18-5</b>	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
	8"	25mmPL	PB,ML,OVALFNUC,HISB,R=G		
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32</b>	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
	8"	25mmPL	B,S,OVAL,OVAL,R,ND,R=F		
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	8"	25mmPL	VB,VL,OVAL,BNUC,VHISB,R=E		
<b>NGC</b>	<b>581</b>	<b>Cas</b>	<b>M103</b>	<b>Open Cluster 9.0 II 2 m</b>	<b>CL,PL,B,R,RI,*10..11</b>
	8"	25mmPL	PB,FL,OVAL,R=G.	BRIGHTER STARS	
<b>NGC</b>	<b>598</b>	<b>Tri</b>	<b>M33 H17-5</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
	8"	19mmW	DIFF,L,F,OVAL,NND,R=F		
<b>NGC</b>	<b>650</b>	<b>Per</b>	<b>M76 H193-1</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
	8"	19mmW	PF,L,VLE,R=G		
<b>NGC</b>	<b>1039</b>	<b>Per</b>	<b>M34</b>	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,B,VL,LC,SC ST9</b>
	8"	25mmPL	PB,PL,R=G.	SCATTERED STARS	
<b>NGC</b>	<b>1068</b>	<b>Cet</b>	<b>M77</b>	<b>Galaxy (R)SA(rs)b</b>	<b>VB,PL,IR,SBMRRN</b>
	8"	19mmW	B,FL,OVAL,FNUC,MSB,R=F		
<b>NGC</b>	<b>1432</b>	<b>Tau</b>		<b>Nebula R</b>	<b>EF,VL,DIF, MAIA</b>
	8"	25mmPL	B,VL,IRREGULAR SHAPE,R=G		
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
	8"	25mmPL	B,L,R=G		
<b>NGC</b>	<b>1952</b>	<b>Tau</b>	<b>M1</b>	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
	8"	19mmW	B,L,R=G		
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
	8"	25mmPL	B,ML,R=G.	BETTER	
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	8"	19mmW	PB,PL,R=E		
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
	8"	19mmW	PB,PL,R=E		
<b>NGC</b>	<b>2068</b>	<b>Ori</b>	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
	8"	19mmW	B,L,R=F		
<b>NGC</b>	<b>2099</b>	<b>Aur</b>	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
	8"	25mmPL	B,ML,R=E.	TIGHTER GROUP. BEST OF 3	
<b>NGC</b>	<b>2168</b>	<b>Gem</b>	<b>M35</b>	<b>Open Cluster 8.0 III 3 r</b>	<b>CL,VL,CRI,PC,ST9..16</b>
	8"	19mmW	PB,PL,R=G.	LOTS OF STARS	
<b>NGC</b>	<b>2287</b>	<b>CMa</b>	<b>M41</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,B,LC,ST 8...</b>
	8"	25mmPL	B,L,R=G		

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<b>NGC</b>	<b>2323</b> 8"	<b>Mon</b> 25mmPL	<b>M50</b> B,ML,R=F	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,VL,RI,PC,E,</b>	
<b>NGC</b>	<b>2422</b> 8"	<b>Pup</b> 25mmPL	<b>M47 H38-8</b> PB,R=G	<b>Open Cluster 5.0 I 3 m</b>	<b>CL,B,VL,PRI,ST L\$\$</b>	
<b>NGC</b>	<b>2437</b> 8"	<b>Pup</b> 25mmPL	<b>M46</b> B,ML,R=F	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,VB,VRI,VL,INV PLN</b>	
<b>NGC</b>	<b>2447</b> 8"	<b>Pup</b> 25mmPL	<b>M93</b> B,FS,R=G. SMALL TIGHT GROUP	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,L,PRI,LC,ST8...13</b>	
<b>NGC</b>	<b>2548</b> 8"	<b>Hya</b> 25mmPL	<b>M48 H22-6</b> F,R=F	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,PRI,PMC,*9..13</b>	
<b>NGC</b>	<b>2632</b> 8"	<b>Cnc</b> 25mmPL	<b>M44</b> PB,PL,R=G	<b>Open Cluster 6.0 II 3 m</b>	<b>PRAESEPE CANCRI</b>	
<b>NGC</b>	<b>2682</b> 8"	<b>Cnc</b> 25mmPL	<b>M67</b> B,L,R=F	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,VB,VL,ERI,LC,*10.</b>	
<b>NGC</b>	<b>3031</b> 8"	<b>UMa</b> 19mmW	<b>M81</b> PB,PL,EL,EON,BNUC,R=G	<b>Galaxy SA(s)ab</b>	<b>EB,EL,E156,GSVMBMBN 2</b>	
<b>NGC</b>	<b>3034</b> 8"	<b>UMa</b> 19mmW	<b>M82 H79-4</b> PB,PL,EON,FNUC,R=G	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>	
<b>NGC</b>	<b>3351</b> 8"	<b>Leo</b> 19mmW	<b>M95</b> FB,L,OVAL,RNUC,HISB,R=G	<b>Galaxy SB(r)b</b>	<b>B,L,R,PGMBMN</b>	
<b>NGC</b>	<b>3368</b> 8"	<b>Leo</b> 19mmW	<b>M96</b> FB,L,OVAL,RNUC,HISB,R=G	<b>Galaxy SAB(rs)ab</b>	<b>VB,VL,LE,VSVMBM,R</b>	
<b>NGC</b>	<b>3379</b> 8"	<b>Leo</b> 19mmW	<b>M105 H17-1</b> FB,CL,OVAL,BNUC,HISB,R=G	<b>Galaxy E1</b>	<b>VB,CL,R,PSBM,R</b>	
<b>NGC</b>	<b>3556</b> 8"	<b>UMa</b> 19mmW	<b>M108 H46-5</b> FB,FL,EL,EON,RNUC,R=G	<b>Galaxy SB(s)cd sp</b>	<b>CB,VL,VME79,PBM,R</b>	
<b>NGC</b>	<b>3587</b> 8"	<b>UMa</b> 19mmW	<b>M97</b> PB,L,R,R=G	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>	
<b>NGC</b>	<b>3623</b> 8"	<b>Leo</b> 19mmW	<b>M65</b> PB,L,EL,OVAL,FNUC,R=G	<b>Galaxy SAB(rs)a</b>	<b>B,VL,ME165,GBMBN</b>	
<b>NGC</b>	<b>3627</b> 8"	<b>Leo</b> 19mmW	<b>M66</b> PB,PL,EL,OVAL,BNUC,R=G	<b>Galaxy SAB(s)b</b>	<b>B,VL,ME150,MBM,2*NP</b>	
<b>NGC</b>	<b>3992</b> 8"	<b>UMa</b> 19mmW	<b>M109 H61-4</b> F,FS,OVAL,NND,R=F	<b>Galaxy SB(rs)bc</b>	<b>CB,VL,PME,SBMBRN</b>	
<b>NGC</b>	<b>7654</b> 8"	<b>Cas</b> 25mmPL	<b>M52</b> PB,FL,R,R=G	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>	
<b>WINN</b>	<b>4</b> 8"	<b>UMa</b> 19mmW	<b>M40</b> R=F	<b>Unknown STAR</b>		

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<b>NGC</b>	<b>2266</b>	<b>Gem</b>	<b>H21-6</b>	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,PS,EC,RI,ST11..15</b>
	8"	19mmW	MB,S,R=F		
<b>NGC</b>	<b>2304</b>	<b>Gem</b>	<b>H2-6</b>	<b>Open Cluster II 1 m</b>	<b>CL,PL,RI,MC,ST VS</b>
	8"	19mmW	F,S,R=F		
<b>NGC</b>	<b>2355</b>	<b>Gem</b>	<b>H6-6</b>	<b>Open Cluster 13.0 II 2 m</b>	<b>CL,PS,PRI,MC,*15..16</b>
	8"	19mmW	B,S,R=F		
<b>NGC</b>	<b>2395</b>	<b>Gem</b>	<b>H11-8</b>	<b>Open Cluster 10.0 IV 2 m</b>	<b>CL,PRI,C</b>
	8"	19mmW	F,S,R=F		
<b>NGC</b>	<b>2420</b>	<b>Gem</b>	<b>H1-6</b>	<b>Open Cluster 11.0 I 1 r</b>	<b>CL,CL,RI,C,ST11...18</b>
	8"	19mmW	ML,PB,R=G		
<b>NGC</b>	<b>2685</b>	<b>UMa</b>		<b>Galaxy (R)SB0+ pec</b>	<b>PF,R,F*INCENTRE</b>
	8"	11mmT6	PF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>2768</b>	<b>UMa</b>	<b>H250-1</b>	<b>Galaxy E6:</b>	<b>CB,CL,LE,PSBMLBN</b>
	8"	11mmT6	MB,ML,OVAL,NND,R=F		
<b>NGC</b>	<b>2787</b>	<b>UMa</b>	<b>H216-1</b>	<b>Galaxy SB(r)0+</b>	<b>B,PL,LE90,MBM,R,*INV</b>
	8"	11mmT6	F,PS,R,NND,R=F		
<b>NGC</b>	<b>2841</b>	<b>UMa</b>	<b>H205-1</b>	<b>Galaxy SA(r)b:</b>	<b>VB,L,VME151,VSBMBM*10</b>
	8"	11mmT6	PB,PL,EON,FNUC,MSB,R=G		
<b>NGC</b>	<b>2880</b>	<b>UMa</b>	<b>H260-1</b>	<b>Galaxy SB0-</b>	<b>B,CS,R,MBM,AM ST</b>
	8"	11mmT6	PF,PS,R,NND,R=F		
<b>NGC</b>	<b>2950</b>	<b>UMa</b>	<b>H68-4</b>	<b>Galaxy (R)SB(r)0^</b>	<b>B,PS,R,VGVMBMN</b>
	8"	11mmT6	PB,PS,R,FNUC,,R=G		
<b>NGC</b>	<b>2976</b>	<b>UMa</b>	<b>H285-1</b>	<b>Galaxy SAc pec</b>	<b>B,VL,ME152,ST INV</b>
	8"	11mmT6	DIFF,F,FL,EON,NND,R=F		
<b>NGC</b>	<b>2985</b>	<b>UMa</b>	<b>H78-1</b>	<b>Galaxy (R')SA(rs)ab</b>	<b>VB,CL,R,PSMBM,*INV F</b>
	8"	11mmT6	PB,FS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>3079</b>	<b>UMa</b>	<b>H47-5</b>	<b>Galaxy SB(s)c sp</b>	<b>VB,L,ME135</b>
	8"	11mmT6	PF,FL,EON,NND,R=F		
<b>NGC</b>	<b>3395</b>	<b>LMI</b>	<b>H116-1</b>	<b>Galaxy SAB(rs)cd pec:</b>	<b>CB,PS,ILE,1ST OF 2</b>
	8"	11mmT6	VF,VS,R,NND,R=F		
<b>NGC</b>	<b>3396</b>	<b>LMI</b>	<b>H117-1</b>	<b>Galaxy IBm pec</b>	<b>PB,PS,ILE,2ND OF 2</b>
	8"	11mmT6	VF,PS,OVAL,NND,R=F		
<b>NGC</b>	<b>3414</b>	<b>LMI</b>	<b>H362-2</b>	<b>Galaxy S0 pec</b>	<b>B,PL,R,MBM</b>
	8"	11mmT6	MB,FS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>4565</b>	<b>Com</b>	<b>H24-5</b>	<b>Galaxy SA(s)b? sp</b>	<b>B,EL,EE135,VSBMN=*10</b>
	31"	31mmT5	VB,VL,EON,BNUC,HISB,R=G		
<b>NGC</b>	<b>7510</b>	<b>Cep</b>	<b>H44-7</b>	<b>Open Cluster 10.0 II 3 r n</b>	<b>CL,PRI,PC,FAN-SH,B*P</b>
	8"	19mmW	B,S,R=G		

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<b>IC</b>	<b>836</b>	<b>Dra</b>	<b>Galaxy S</b>	
	31"	17mmT4	PB,PL,EON,FNUC,HISB,R=G	
<b>MAC</b>	<b>1039+4754</b>	<b>UMa</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1043+4053</b>	<b>UMa</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1120+1340</b>	<b>Leo</b>	<b>Galaxy</b>	
	31"	17mmT4	FB,FL,OVAL,NND,R=G	
<b>MAC</b>	<b>1132+5307</b>	<b>UMa</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,VS,R,NND,R=F	
<b>MAC</b>	<b>1133+5307A</b>	<b>UMa</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,RF=F	
<b>MAC</b>	<b>1133+5307B</b>	<b>UMa</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1133+5308</b>	<b>UMa</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1236+7415</b>	<b>Dra</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1237+7417</b>	<b>Dra</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,FS,R,NND,R=F	
<b>NGC</b>	<b>2371</b>	<b>Gem</b>	<b>H316-2 Planetary Neb 3a+2</b>	<b>B,S,R,BMN,P OF DNEB</b>
	31"	19mmW	FAIRLY LONG, ELONG,MSB,R=G	
<b>NGC</b>	<b>3403</b>	<b>Dra</b>	<b>H335-2 Galaxy SAbc:</b>	<b>PF,L,IE,VGBM</b>
	31"	17mmT4	MB,FS,OVAL,NND,LSB.R=F	
<b>NGC</b>	<b>3465</b>	<b>Dra</b>	<b>H967-3 Non-Existent</b>	<b>EF,PL,R,VGLBM,**NF</b>
	31"	17mmT4	MF,FS,R,FNUC,MSB,R=F	
<b>NGC</b>	<b>3523</b>	<b>Dra</b>	<b>H904-2 Galaxy Sbc</b>	<b>F,PL,LBM,</b>
	31"	17mmT4	DIFF,B,ML,R,NND,R=F	
<b>NGC</b>	<b>3718</b>	<b>UMa</b>	<b>H221-1 Galaxy SB(s)a pec</b>	<b>PB,VL,R,VGLBM</b>
	31"	17mmT4	VB,VL,OVAL,BNUC,HISB,R=G	
<b>NGC</b>	<b>3729</b>	<b>UMa</b>	<b>H222-1 Galaxy SB(r)a pec</b>	<b>PB,PL,LE0,GBM,*12NR</b>
	31"	17mmT4	FB,FL,R,BNUC,HISB,R=G	
<b>NGC</b>	<b>3879</b>	<b>Dra</b>	<b>H881-2 Galaxy Sdm:</b>	<b>F,PL,ME105</b>
	31"	17mmT4	FB,FL,EON,FNUC,MSB,R=G	
<b>NGC</b>	<b>3890</b>	<b>Dra</b>	<b>H940-3 Galaxy S?</b>	<b>VF,S,R,BM</b>
	31"	17mmT4	FB,FL,R,BNUC,FHISB,R=G	
<b>NGC</b>	<b>3961</b>	<b>Dra</b>	<b>H905-3 Galaxy (R)SB(r)a:</b>	<b>EF,VS</b>
	31"	17mmT4	FB,FL,OVALM,FNUC,MSB,R=G	

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<b>NGC</b>	<b>4545</b>	<b>Dra</b>	<b>H850-2</b>	<b>Galaxy SB(s)cd:</b>	<b>F,L,IR,VGBM,S*NF</b>
	31"	17mmT4	PB,PL,OVAL,FNUC,PHISB,R=G		
<b>NGC</b>	<b>4572</b>	<b>Dra</b>	<b>H939-3</b>	<b>Galaxy S</b>	<b>EF,S</b>
	31"	17mmT4	PF,FL,EON,NND,R=F		
<b>NGC</b>	<b>4589</b>	<b>Dra</b>	<b>H273-1</b>	<b>Galaxy E2</b>	<b>CB,L,LE,PGMBM</b>
	31"	17mmT4	VB,FL,OVAL,BNUC,HISB,R=G		
<b>NGC</b>	<b>4648</b>	<b>Dra</b>	<b>H274-1</b>	<b>Galaxy E3</b>	<b>PB,CS,R,GBM,**P</b>
	31"	17mmT4	VB,FL,OVAL,BNUC,HISB,R=G		
<b>NGC</b>	<b>4693</b>	<b>Dra</b>	<b>H906-3</b>	<b>Galaxy Sd</b>	<b>VF,PLE</b>
	31"	17mmT4	MB,ML,EOBN,UB,NND,R=G		
<b>NGC</b>	<b>4749</b>	<b>Dra</b>	<b>H907-3</b>	<b>Galaxy Sb? sp</b>	<b>VF,CL,E135</b>
	31"	17mmT4	MB,ML,EON,UB,NND,R=G		
<b>NGC</b>	<b>4750</b>	<b>Dra</b>	<b>H78-4</b>	<b>Galaxy (R)SA(rs)ab</b>	<b>PB,L,R,VG,VSBM</b>
	31"	17mmT4	VB,VL,R,BNUC,HISB,R=G		
<b>NGC</b>	<b>4857</b>	<b>Dra</b>	<b>H908-3</b>	<b>Galaxy SABb</b>	<b>EF,VS,IR,VLBM</b>
	31"	17mmT4	PB,FL,OVAL,FNUC,MSB,R=G		
<b>PGC</b>	<b>20977</b>	<b>Gem</b>		<b>Galaxy</b>	
	31"	19mmW	PF,PS,EON,NND,R=F		
<b>PGC</b>	<b>20988</b>	<b>Gem</b>		<b>Galaxy Double System</b>	
	31"	19mmW	VF,PS,R,NND,R=F		
<b>PGC</b>	<b>21032</b>	<b>Gem</b>		<b>Galaxy Sb</b>	
	31"	19mmW	VF,VS,OVAL,NND,R=F		
<b>PGC</b>	<b>21064</b>	<b>Gem</b>		<b>Galaxy</b>	
	31"	19mmW	PF,FS,OVA,NND,R=F		
<b>PGC</b>	<b>31697</b>	<b>UMa</b>		<b>Galaxy S?</b>	
	31"	17mmT4	PB,PL,EON,BNUC,HISB,R=G		
<b>PGC</b>	<b>31720</b>	<b>UMa</b>		<b>Galaxy S?</b>	
	31"	17mmT4	PB,PL,EON,BNUC,HISB,R=G		
<b>PGC</b>	<b>31959</b>	<b>UMa</b>		<b>Galaxy SBb</b>	
	31"	17mmT4	PB,PL,EON,BNUC,HISB,R=G		
<b>PGC</b>	<b>31965</b>	<b>UMa</b>		<b>Galaxy S0/a</b>	
	31"	17mmT4	PB,PL,EON,FNUC,MSB,R=G		
<b>PGC</b>	<b>33277</b>	<b>Dra</b>		<b>Galaxy Sab</b>	
	31"	17mmT4	FF,PS,EL,NND,R=F		
<b>PGC</b>	<b>34303</b>	<b>UMa</b>		<b>Galaxy S0</b>	
	31"	17mmT4	PB,PL,R,BNUC,HISB,R=G		
<b>PGC</b>	<b>34733</b>	<b>UMa</b>		<b>Galaxy Sd</b>	
	31"	17mmT4	FB,FL,EOB,FNUC,MSB,R=G		



## Observations Listing by Date

**February 23, 2006 Hidden Hollow - RAS**

<b>PGC</b>	<b>34768</b>	<b>UMa</b>	<b>Galaxy SB(s)ab</b>
	31"	17mmT4	FB,FL,R,FNUC,MSB,R=G
<b>PGC</b>	<b>35609</b>	<b>UMa</b>	<b>Galaxy SB0 pec:</b>
	31"	17mmT4	FF,PS,OVAL,NND,R=F
<b>PGC</b>	<b>35615</b>	<b>UMa</b>	<b>Galaxy SA(s)0/a pec:</b>
	31"	17mmT4	PB,FS,R,NND,R=G
<b>PGC</b>	<b>35618</b>	<b>UMa</b>	<b>Galaxy (R')S0/a pec:</b>
	31"	17mmT4	PB,FS,OVAL,FNUC,MSB,R=G
<b>PGC</b>	<b>35620</b>	<b>UMa</b>	<b>Galaxy Sa pec sp</b>
	31"	17mmT4	PB,FS,OVA,FNUC,MSB,R=G
<b>PGC</b>	<b>35631</b>	<b>UMa</b>	<b>Galaxy S?</b>
	31"	17mmT4	PF,PL,EON,NND,R=F

## Observations Listing by Date

## February 20, 2006 Hidden Hollow - RAS

<b>B</b>	<b>33</b>	<b>Ori</b>	<b>Nebula Ir</b>	
	31"	31mmT5	MB,VL,R=E!!!, HYDROGEN BETA FILTER.	
<b>IC</b>	<b>420</b>	<b>Ori</b>	<b>Nebula R</b>	
	31"	31mmT5	F,VS,R=F, OIII	
<b>IC</b>	<b>424</b>	<b>Ori</b>	<b>Nebula R</b>	
	31"	31mmT5	VF,VS,R=F, OIII	
<b>IC</b>	<b>426</b>	<b>Ori</b>	<b>Nebula R</b>	
	31"	31mmT5	MB.ML,R=F, OIII	
<b>MAC</b>	<b>0511-1505</b>	<b>Lep</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>1821</b>	<b>Lep</b>	<b>Galaxy IB(s)m</b>	<b>VF,VS,LE</b>
	31"	17mmT4	MB,MS,OVAL,FNUC,R=G	
<b>NGC</b>	<b>1975</b>	<b>Ori</b>	<b>Nebula E</b>	<b>B**INV IN NEB</b>
	31"	31mmT5	MB,ML,R=G, OIII	
<b>NGC</b>	<b>1977</b>	<b>Ori</b>	<b>H30-5 Open Cluster</b>	<b>42ORIONIS\$NEB</b>
	31"	31mmT5	B,R=F, STARS LIGHT UP B.N., OIII	
<b>NGC</b>	<b>1999</b>	<b>Ori</b>	<b>H33-4 Nebula E</b>	<b>*10,11INV IN NEB</b>
	31"	31mmT5	MB.ML,R=F, OIII	
<b>PGC</b>	<b>782</b>	<b>Psc</b>	<b>Galaxy SBa</b>	
	31"	17mmT4	DIFF,B,ML,OVAL,FNUC,R=F	
<b>PGC</b>	<b>15620</b>	<b>Eri</b>	<b>Galaxy (R')SB(rs)0+:</b>	
	31"	17mmT4	MB,ML,R,FNUC,MSB,R=G	
<b>PGC</b>	<b>15624</b>	<b>Eri</b>	<b>Galaxy S?</b>	
	31"	17mmT4	MF,MS,OVAL,NND,R=F	
<b>PGC</b>	<b>15631</b>	<b>Eri</b>	<b>Galaxy (R')SAB(rs)0+:</b>	
	31"	17mmT4	MB,ML,OVAL,FNUC,R=G	
<b>PGC</b>	<b>15636</b>	<b>Eri</b>	<b>Galaxy S</b>	
	31"	17mmT4	MF,MS,OVAL,FNUC,R=F	
<b>PGC</b>	<b>20695</b>	<b>Gem</b>	<b>Galaxy Sa:</b>	
	31"	17mmT4	MF,ML,R,NND,R=F	
<b>PGC</b>	<b>20881</b>	<b>Gem</b>	<b>Galaxy SB?</b>	
	31"	17mmT4	MB,MS,R,FNUC,MSB,R=G	
<b>PGC</b>	<b>21475</b>	<b>Lyn</b>	<b>Galaxy Scd:</b>	
	31"	17mmT4	VF,MS,OVAL,PATCHY,NND,R=F	
<b>PGC</b>	<b>22373</b>	<b>Lyn</b>	<b>Galaxy E</b>	
	31"	17mmT4	MB,ML,OVAL,FNUC,MSB,R=F	
<b>PGC</b>	<b>22376</b>	<b>Lyn</b>	<b>Galaxy S0</b>	
	31"	17mmT4	MB,MS,OVAL,NND,R=F	

## Observations Listing by Date

**February 20, 2006 Hidden Hollow - RAS**

**PK 158+17.1 FIX Planetary Neb 3**  
 31" 17mmT4 DIFF,VS,R=F, OIII FILTER

**January 26, 2006 Hidden Hollow - RAS**

<b>IC 410</b>	<b>Aur</b>	<b>Nebula E</b>	<b>DIF, MANY ST INV</b>
8"	19mmW	NEBULA ASSOCIATED WITH NGC 1893	
<b>NGC 1081</b>	<b>Eri</b>	<b>Galaxy SB(s)b?</b>	<b>EF,PS,R</b>
8"	11mmT6	VF,VS,EL,EON,NND,AV,R=F	
<b>NGC 1084</b>	<b>Eri</b>	<b>H64-1 Galaxy SA(s)c</b>	<b>VB,PL,E,GPMBM</b>
8"	11mmT6	MB,ML,OVAL,NND,R=F	
<b>NGC 1172</b>	<b>Eri</b>	<b>H502-2 Galaxy E+:</b>	<b>PF,PL,R,PSBM</b>
8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC 1187</b>	<b>Eri</b>	<b>H245-3 Galaxy SB(r)c</b>	<b>PF,CL,PME,GBM*16,R</b>
8"	11mmT6	MF,MS,OVAL,NND,R=F	
<b>NGC 1199</b>	<b>Eri</b>	<b>H503-2 Galaxy E3:</b>	<b>CB,PS,IR,SMBM</b>
8"	11mmT6	VF,VS,R,NND,AV,R-F	
<b>NGC 1232</b>	<b>Eri</b>	<b>H258-2 Galaxy SAB(rs)c</b>	<b>PB,CL,R,GBM,R</b>
8"	11mmT6	DIFF,VF,ML,R,NND,R=F	
<b>NGC 1241</b>	<b>Eri</b>	<b>H286-2 Galaxy SB(rs)b</b>	<b>F,PL,R,VGLBM,*9N</b>
8"	11mmT6	DIFF,VF,MS,OVAL,NND,R=F	
<b>NGC 1300</b>	<b>Eri</b>	<b>Galaxy SB(rs)bc</b>	<b>CB,VL,VME,PSVMBM</b>
8"	11mmT6	VF,MS,R,NND,AV,R=F	
<b>NGC 1417</b>	<b>Eri</b>	<b>H455-2 Galaxy SAB(rs)b</b>	<b>PF,PL,LE,LBM,*SF</b>
8"	11mmT6	VF,MS,OVAL,NND,R=F	
<b>NGC 1664</b>	<b>Aur</b>	<b>H59-8 Open Cluster 10.0 III 1 p</b>	<b>CL,LRI,LC,PL</b>
8"	19mmW	R=F,NOT TOO BAD	
<b>NGC 1778</b>	<b>Aur</b>	<b>H61-8 Open Cluster 10.1 III 2 p</b>	<b>CL,PC,LRI,IF,ST L</b>
8"	19mmW	R=P FEW STARS	
<b>NGC 1857</b>	<b>Aur</b>	<b>H33-7 Open Cluster 11.0 I 3 m</b>	<b>CL,PRI,PC,ST7...</b>
8"	19mmW	R=P, FEW STARS	
<b>NGC 1883</b>	<b>Aur</b>	<b>H34-7 Open Cluster 14.0 II 1 m</b>	<b>CL,VF,PRI,PC,IF</b>
8"	19mmW	R=F, FAINT TIGHT GROUP	
<b>NGC 1893</b>	<b>Aur</b>	<b>Open Cluster 9.3 II 3 r n</b>	<b>CL,L,RI,LC</b>
8"	19mmW	R=F,DECENT *STARS	
<b>NGC 1907</b>	<b>Aur</b>	<b>H39-7 Open Cluster 11.0 I 1 m n</b>	<b>CL,PRI,PC,R,ST9...12</b>
8"	19mmW	R=G, SMALL, TIGHT, BRIGHT	
<b>NGC 2126</b>	<b>Aur</b>	<b>H68-8 Open Cluster 13.0 III 2 m</b>	<b>CL,NOT RI,*7M NORTH</b>
8"	19mmW	R=F, SMALL, LOOSE , GROUP	
<b>NGC 2192</b>	<b>Aur</b>	<b>H57-7 Open Cluster 14.0 II 2 m</b>	<b>CL,CL,C,IF,ST VS</b>
8"	19mmW	R=F, SMALL, LOOSE , GROUP	

## Observations Listing by Date

**December 7, 2005 Hidden Hollow - RAS**

<b>B</b>	<b>33</b>	<b>Ori</b>	<b>Nebula Ir</b>
	31"	31mmT5	VDARK,LIGHTBACKGROUND, AWESOME!
<b>IC</b>	<b>405</b>	<b>Aur</b>	<b>Nebula E</b>
	8"	11mmT6	DARK DUSTLANE LOW SURFACE BRIGHTNESS
<b>IC</b>	<b>1924</b>	<b>Hor</b>	<b>Galaxy S</b>
	31"	19mmW	MB,ML,OVAL,NND,MSB,R=G

## Observations Listing by Date

**November 2, 2005 Hidden Hollow - RAS**

<b>IC</b>	<b>200</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	19mmW	PF,ML,R,NND,R=F	
<b>MAC</b>	<b>0007+2733</b>	<b>Peg</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>0205+3043</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	19mmW	PF,FL,EL,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>0206+3107</b>	<b>Tri</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,EL,NND,AV,R=F	
<b>NGC</b>	<b>1</b>	<b>Peg</b>	<b>Galaxy SA(s)b:</b>	<b>F,S,R,BET*11\$*14 VF,</b>
	31"	19mmW	MB,ML,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>2</b>	<b>Peg</b>	<b>Galaxy Sab</b>	<b>VF,S,S OF1</b>
	31"	19mmW	F,ML,EL,NND,R=F	
<b>NGC</b>	<b>9</b>	<b>Peg</b>	<b>Galaxy Sb: pec</b>	<b>F,R,*9,10 SF</b>
	31"	19mmW	PF,FL,OVAL,NND,R=F	
<b>NGC</b>	<b>15</b>	<b>Peg</b>	<b>Galaxy Sa</b>	<b>VF,VS,R,BM</b>
	31"	19mmW	MB,ML,EL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>16</b>	<b>Peg</b>	<b>H15-4 Galaxy SAB0- sp</b>	<b>PB,S,R,BM</b>
	31"	19mmW	VB,ML,EON,OVAL,BNUC,HISB,R=G	
<b>NGC</b>	<b>22</b>	<b>Peg</b>	<b>Galaxy Sb</b>	<b>VF,PS,R,LBM,R</b>
	31"	19mmW	MB,ML,R,NND,R=F	
<b>NGC</b>	<b>41</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>PF,S,LE,GBM</b>
	31"	19mmW	MB,ML,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>42</b>	<b>Peg</b>	<b>Galaxy S0-:</b>	<b>F,VS,STELL</b>
	31"	19mmW	MB,FS,OVAL,NND,R=F	
<b>NGC</b>	<b>52</b>	<b>Peg</b>	<b>H183-3 Galaxy S?</b>	<b>VF,S,E</b>
	31"	19mmW	PF,PL,EON,NND,R=F	
<b>NGC</b>	<b>789</b>	<b>Tri</b>	<b>Galaxy S?</b>	<b>VF,S,LE</b>
	31"	19mmW	MB,PL,R,FNUC,MSB,R=G	
<b>NGC</b>	<b>798</b>	<b>Tri</b>	<b>Galaxy E</b>	<b>EF,VS</b>
	31"	19mmW	MB,ML,EON,FNUC,MSB,R=G	
<b>NGC</b>	<b>805</b>	<b>Tri</b>	<b>Galaxy SB0</b>	<b>EF,ES,R,2*14P</b>
	31"	19mmW	MB,FS,OVAL,FNUC,R=F	
<b>NGC</b>	<b>807</b>	<b>Tri</b>	<b>H151-3 Galaxy E</b>	<b>VF,VS,IR,BET2*N\$SP</b>
	31"	19mmW	PB,FS,R,FNUC,MSB,R=G	
<b>NGC</b>	<b>1070</b>	<b>Cet</b>	<b>H273-2 Galaxy Sb</b>	<b>PF,S,IR,GBM</b>
	31"	19mmW	PB,PL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>7803</b>	<b>Peg</b>	<b>Galaxy S0/a</b>	<b>PF,PS,R,F*NP VNR</b>
	31"	19mmW	PB,PL,OVAL,FNUC,MSB,R=G	

## Observations Listing by Date

**November 2, 2005 Hidden Hollow - RAS**

<b>NGC 7805</b> 31"	<b>Peg</b> 19mmW	<b>H855-3</b> PB,PL,OVAL,FNUC,MSB,R=G	<b>Galaxy SAB0^: pec</b>	<b>EF,S,R,SBM,SP OF 2</b>
<b>NGC 7806</b> 31"	<b>Peg</b> 19mmW	<b>H856-3</b> PB,PL,EL,OVAL,FNUC,MSB,R=G	<b>Galaxy SA(rs)bc? pec</b>	<b>EF,S,R,NF OF 2,STELL</b>
<b>NGC 7810</b> 31"	<b>Peg</b> 19mmW	<b>H984-3</b> PBML,OVAL,FNUC,MSB,R=G	<b>Galaxy S0</b>	<b>PF,STELL,2*NP INLINE</b>
<b>NGC 7819</b> 31"	<b>Peg</b> 19mmW		<b>Galaxy SB(s)b</b>	<b>EF,L</b>
<b>PAL 13</b> 31"	<b>Peg</b> 19mmW		<b>Globular</b>	
		PF,PS,PATCHY,R=F, CAN'T RESOLVE STARS		
<b>PGC 108</b> 31"	<b>Peg</b> 19mmW		<b>Galaxy S?</b>	
		MF,PL,OVAL,NND,R=F		
<b>PGC 134</b> 31"	<b>Peg</b> 19mmW		<b>Galaxy</b>	
		PF,PS,R,NND,R=F		
<b>PGC 619</b> 31"	<b>Peg</b> 19mmW		<b>Galaxy Scd:</b>	
		MF,ML,OVAL,NND,R=F		
<b>PGC 847</b> 31"	<b>Peg</b> 19mmW		<b>Galaxy Sa</b>	
		PF,PS,EL,OVAL,R=F		
<b>PGC 878</b> 31"	<b>Peg</b> 19mmW		<b>Galaxy S?</b>	
		B,ML,OVAL,FNUC,R=F		
<b>PGC 911</b> 31"	<b>Peg</b> 19mmW		<b>Galaxy S</b>	
		VF,VS,R,NND,AV,R=F		
<b>PGC 7888</b> 31"	<b>Tri</b> 19mmW		<b>Galaxy</b>	
		B,ML,R,NND,R=F		
<b>PGC 7931</b> 31"	<b>Tri</b> 19mmW		<b>Galaxy S?</b>	
		VF,VS,OVAL,NND,AV,R=F		
<b>PGC 7967</b> 31"	<b>Tri</b> 19mmW		<b>Galaxy SBbc</b>	
		MB,ML,OVAL,FNUC,MSB,R=G		
<b>PGC 8013</b> 31"	<b>Tri</b> 19mmW		<b>Galaxy S0-:</b>	
		PB,FL,OVAL,FNUC,MSB,R=G		
<b>PGC 8019</b> 31"	<b>Tri</b> 19mmW		<b>Galaxy S?</b>	
		FB,FL,EON,FNUC,MSB,R=G		
<b>PGC 8040</b> 31"	<b>Tri</b> 19mmW		<b>Galaxy SAB0^</b>	
		FB,ML,OVAL,FNUC,MSB,R=G		

## Observations Listing by Date

**October 30, 2005 Hidden Hollow - RAS**

<b>IC</b>	<b>235</b>	<b>Ari</b>	<b>Galaxy Pec</b>
	31"	17mmT4 MF,MS,R,NND,R=F	
<b>IC</b>	<b>238</b>	<b>Ari</b>	<b>Galaxy S0</b>
	31"	17mmT4 MB,ML,EL,OVAL,RNUC,R=G	
<b>IC</b>	<b>248</b>	<b>Ari</b>	<b>Galaxy Sa:</b>
	31"	17mmT4 MB,ML,OVAL,FNUC,R=G	
<b>IC</b>	<b>1809</b>	<b>Ari</b>	<b>Galaxy (R')SB(s)ab</b>
	31"	17mmT4 MF,MS,OVAL,NND,R=F	
<b>IC</b>	<b>1817</b>	<b>Ari</b>	<b>Galaxy Sm</b>
	31"	17mmT4 VF,VS,R,NND,AV,R=F	
<b>IC</b>	<b>1821</b>	<b>Ari</b>	<b>Galaxy</b>
	31"	17mmT4 VF,VS,OVAL,NND,AV,R=F	
<b>IC</b>	<b>1832</b>	<b>Ari</b>	<b>Galaxy S0</b>
	31"	17mmT4 VF,VS,R,NND,R=F	
<b>IC</b>	<b>1835</b>	<b>Ari</b>	<b>Galaxy</b>
	31"	17mmT4 VF,VS,R,NND,R=F	
<b>IC</b>	<b>1838</b>	<b>Ari</b>	<b>Galaxy S</b>
	31"	17mmT4 VF,ML,OVAL,NND,R=F	
<b>IC</b>	<b>1839</b>	<b>Ari</b>	<b>Galaxy Sb-c</b>
	31"	17mmT4 MF,MS,EL,NND,R=F	
<b>IC</b>	<b>1841</b>	<b>Ari</b>	<b>Galaxy SBb</b>
	31"	17mmT4 MF,MS,OVAL,NND,R=F	
<b>IC</b>	<b>1842</b>	<b>Ari</b>	<b>Galaxy</b>
	31"	17mmT4 MF,MS,EL,NND,R=F	
<b>IC</b>	<b>1847</b>	<b>Ari</b>	<b>Galaxy</b>
	31"	17mmT4 VF,VS,R,NND,AV,R=F	
<b>IC</b>	<b>5312</b>	<b>Peg</b>	<b>Galaxy Sb</b>
	31"	17mmT4 MF,MS,R,NND,R=F	
<b>IC</b>	<b>5314</b>	<b>Peg</b>	<b>Galaxy C</b>
	31"	17mmT4 MF,MS,R,NND,R=F	
<b>IC</b>	<b>5315</b>	<b>Peg</b>	<b>Galaxy E?</b>
	31"	17mmT4 MB,VS,R,FNUC,MSB,R=G	
<b>MAC</b>	<b>0009+3316</b>	<b>And</b>	<b>Galaxy</b>
	31"	17mmT4 VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>0048+3157</b>	<b>And</b>	<b>Galaxy</b>
	31"	17mmT4 VF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>0124+3319</b>	<b>Psc</b>	<b>Galaxy</b>
	31"	17mmT4 MF,VS,OVAL,NND,R=F	

## Observations Listing by Date

October 30, 2005		Hidden Hollow - RAS			
MAC	0244+1924	Ari	Galaxy		
	31"	17mmT4	VF,VS,R,NND,R=F		
MAC	0245+1855	Ari	Galaxy		
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F		
MAC	2320+2712	Peg	Galaxy		
	31"	17mmT4	VF,VS,OVAL,NND,R=F		
MAC	2320+2714	Peg	Galaxy		
	31"	17mmT4	VF,VS,R,NND,AV,R=F		
MAC	2321+0815	Peg	Galaxy		
	31"	17mmT4	F,VS,OVAL,FNUC,R=F		
MAC	2321+2551	Peg	Galaxy		
	31"	17mmT4	VF,VS,R,NND,R=F		
NGC	20	And	Galaxy S0-:		F,*10ATT
	31"	17mmT4	VB,ML,OVAL,FNUC,MSB,R=G		
NGC	262	And	Galaxy SA(s)0/a:		EF,VS,R,V DIFFIC
	31"	17mmT4	MF,ML,R,NND,R=F		
NGC	477	And	H577-3 Galaxy SAB(s)c		VF,PS,VLE,VGLBM
	31"	17mmT4	MF,ML,OVAL,NND,R=F		
NGC	507	Psc	H159-3 Galaxy SA(r)0^		VF,PL,R,BM,S OF 2
	31"	17mmT4	VB,VL,R,FNUC,MSB,R=G		
NGC	508	Psc	H160-3 Galaxy E0:		VF,S,N OF 2
	31"	17mmT4	VB,VL,R,FNUC,MSB,R=G		
NGC	910	And	H571-3 Galaxy E+		VF,PS,STELLAR
	31"	17mmT4	VB,ML,R,FNUC,MSB,R=G		
NGC	911	And	Galaxy E		EF,VS,R,BM
	31"	17mmT4	MB,ML,EL,FNUC,MSB,R=G		
NGC	978A	Tri	Non-Existent		
	31"	17mmT4	MB,ML,EON,OVAL,NND,R=G		
NGC	978B	Tri	Galaxy S0		
	31"	17mmT4	B,LITTLES SMALLER,OVAL,NND,R=F		
NGC	1036	Ari	H475-3 Galaxy Pec?		F,S,R,LBM
	31"	17mmT4	MB,ML,OVAL,NND,R=G		
NGC	7528	Peg	Galaxy		F,S
	31"	17mmT4	MF,MS,OVAL,NND,R=F		
NGC	7553	Peg	Non-Existent		
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F		
NGC	7595	Peg	Galaxy		F,STELLAR
	31"	17mmT4	MF,MS,OVAL,NND,R=F		



## Observations Listing by Date

**October 30, 2005 Hidden Hollow - RAS**

<b>NGC 7619</b> 31"	<b>Peg</b> 17mmT4	<b>H439-2</b> VB,ML,R,FNUC,MSB,R=G	<b>Galaxy E</b>	<b>CB,PS,R,PSBM</b>
<b>NGC 7620</b> 31"	<b>Peg</b> 17mmT4	<b>H439-2</b> MB,ML,R,FNUC,MSB,R=G	<b>Galaxy Scd:</b>	<b>F,S,VLE</b>
<b>NGC 7621</b> 31"	<b>Peg</b> 17mmT4	<b>H439-2</b> VF,VS,EL,NND,AV,R=F	<b>Galaxy S</b>	<b>EF,VS,STELLAR</b>
<b>NGC 7623</b> 31"	<b>Peg</b> 17mmT4	<b>H435-3</b> VB,VL,OVAL,FNUC,MSB,R=G	<b>Galaxy SA0^:</b>	<b>F,VS,R,PSBM</b>
<b>NGC 7624</b> 31"	<b>Peg</b> 17mmT4	<b>H435-3</b> MB,ML,OVAL,NND,MSB,R=G	<b>Galaxy Scd:</b>	<b>VF,LEORIR,DIF,VLBM</b>
<b>NGC 7626</b> 31"	<b>Peg</b> 17mmT4	<b>H440-2</b> VB,ML,R,FNUC,MSB,R=G	<b>Galaxy E pec:</b>	<b>CB,PS,R,PSBM</b>
<b>NGC 7628</b> 31"	<b>Peg</b> 17mmT4	<b>H440-2</b> MB,ML,OVAL,FNUC,MSB,R=G	<b>Galaxy E</b>	<b>VF,S,R,BM</b>
<b>NGC 7630</b> 31"	<b>Peg</b> 17mmT4	<b>H440-2</b> VF,VS,EL,NND,R=F	<b>Galaxy S?</b>	<b>F,S</b>
<b>NGC 7631</b> 31"	<b>Peg</b> 17mmT4	<b>H440-2</b> MB,ML,EL,NND,R=F	<b>Galaxy SA(r)b:</b>	<b>VF,VS</b>
<b>PGC 3777</b> 31"	<b>Psc</b> 17mmT4	<b>H440-2</b> VF,VS,OVAL,NND,R=F	<b>Galaxy S</b>	
<b>PGC 4878</b> 31"	<b>And</b> 17mmT4	<b>H440-2</b> VF,VS,R,NND,AV,R=F	<b>Galaxy Sc</b>	
<b>PGC 9180</b> 31"	<b>And</b> 17mmT4	<b>H440-2</b> MF,MS,EL,NND,R=F	<b>Galaxy SBa</b>	
<b>PGC 9203</b> 31"	<b>And</b> 17mmT4	<b>H440-2</b> MB,MS,EL,OVAL,NND,R=F	<b>Galaxy C</b>	
<b>PGC 9764</b> 31"	<b>Ari</b> 17mmT4	<b>H440-2</b> VF,MS,EL,NND,R=F	<b>Galaxy S</b>	
<b>PGC 68617</b> 31"	<b>Peg</b> 17mmT4	<b>H440-2</b> MB,ML,EON,FNUC,R=F	<b>Galaxy Sbc</b>	

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<b>October 5, 2005</b>		<b>Hidden Hollow - RAS</b>	
<b>IC</b>	<b>1368</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy Sa? sp</b> VF,VS,EL,EON,NND,R=F
<b>IC</b>	<b>1370</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy C</b> VF,VS,EL,EON,NND,R=F
<b>IC</b>	<b>1370</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy C</b> VF,VS,R,NND,R=F
<b>IC</b>	<b>1373</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy</b> VF,VS,OVAL,NND,R=F
<b>IC</b>	<b>1374</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy S</b> VF,VVS,OVAL,NND,R=F
<b>IC</b>	<b>1381</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy SB</b> EF,VS,R,NND,AV,R=F
<b>IC</b>	<b>1383</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy</b> VF,ES,R,NND,R=F
<b>IC</b>	<b>1384</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy Irr</b> VF,VS,R,NND,R=F
<b>IC</b>	<b>1385</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy SBcd</b> VVF,VS,R,NND,AV,R=F
<b>IC</b>	<b>1387</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy</b> F,PS,OVAL,NND,R=F
<b>IC</b>	<b>1387</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy</b> VF,ML,OVAL,NND,R=F
<b>IC</b>	<b>1388</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy</b> PF,VS,R,FNUC,R=F
<b>IC</b>	<b>1390</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy B R</b> PF,PS,R,NND,AV,R=F
<b>IC</b>	<b>1391</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy E</b> PF,PS,OVAL,NND,R=F
<b>IC</b>	<b>1401</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy SAB(r)bc:</b> MF,ML,EL,NND,MHISB,R=F
<b>IC</b>	<b>1405</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy SBab</b> F,ML,OVAL,NND,R=F
<b>IC</b>	<b>1406</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy</b> PF,VS,OVAL,NND,R=F
<b>IC</b>	<b>1411</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy E</b> PB,ML,OVAL,BNUC,HISB,R=G
<b>IC</b>	<b>1417</b> 31"	<b>Aqr</b> 17mmT4	<b>Galaxy Sb? sp</b> PB,PL,EL,FNUC,R=G

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**October 5, 2005****Hidden Hollow - RAS**

<b>IC</b>	<b>1421</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,PS,R,NND,R=F	
<b>IC</b>	<b>5111</b>	<b>Aqr</b>	<b>Galaxy Sa</b>	
	31"	17mmT4	EF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>2120-0448</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VVS,R,NND,AV,R=F	
<b>MAC</b>	<b>2142-0646</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VVF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>2153+0211</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>2202-0955</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	PF,VS,R,NND,R=F	
<b>NGC</b>	<b>7108</b>	<b>Aqr</b>	<b>Galaxy E</b>	<b>VF,S,R,STELL</b>
	31"	17mmT4	F,ML,OVAL,DIFF,FNUC,R=F	
<b>NGC</b>	<b>7171</b>	<b>Aqr</b>	<b>H692-3 Galaxy SB(rs)b</b>	<b>VF,CL,E124,VGBM</b>
	31"	17mmT4	F,PL,EL,OVAL,NND,R=F	
<b>PGC</b>	<b>66590</b>	<b>Aqr</b>	<b>Galaxy SBcd:</b>	
	31"	17mmT4	VF,ML,EL,NND,R=F	
<b>PGC</b>	<b>66940</b>	<b>Aqr</b>	<b>Galaxy S</b>	
	31"	17mmT4	PF,PS,R,NND,AV,R=F	

## Observations Listing by Date

**September 27, 2005 Hidden Hollow - RAS**

<b>IC</b>	<b>1330</b>	<b>Aqr</b>	<b>Galaxy Sc? sp</b>	
	31"	17mmT4	VB,M<EL,EON,FNUC,MSB,R=G	
<b>IC</b>	<b>1331</b>	<b>Aqr</b>	<b>Galaxy (R')SB(r)0/a:</b>	
	31"	17mmT4	MB,ML,EL,EON,FNUC,MSB,R=G	
<b>IC</b>	<b>1341</b>	<b>Aqr</b>	<b>Galaxy S0</b>	
	31"	17mmT4	VF,ML,OVAL,NND,R=F	
<b>IC</b>	<b>1342</b>	<b>Aqr</b>	<b>Galaxy S?</b>	
	31"	17mmT4	VB,VL,OVAL,FNUC,MSB,R=G	
<b>IC</b>	<b>1344</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	MB,ML,EL,EON,FNUC,MSB,R=G	
<b>IC</b>	<b>1347</b>	<b>Aqr</b>	<b>Galaxy S0^ pec:</b>	
	31"	17mmT4	MB,ML,R,FNUC,R=G	
<b>IC</b>	<b>1348</b>	<b>Aqr</b>	<b>Galaxy</b>	<b>F, VS, R, BM</b>
	31"	17mmT4	VF,MS,R,NND,R=F	
<b>IC</b>	<b>1350</b>	<b>Aqr</b>	<b>Galaxy S</b>	
	31"	17mmT4	MB,ML,R,FNUC,MSB,R=F	
<b>IC</b>	<b>1357</b>	<b>Aqr</b>	<b>Galaxy (R')SB(s)a:</b>	
	31"	17mmT4	MF,ML,EL,NND,R=F	
<b>IC</b>	<b>5050</b>	<b>Aqr</b>	<b>Galaxy SAB(r)b:</b>	
	31"	17mmT4	MF,VS,OVAL,NND,R=G	
<b>IC</b>	<b>5090</b>	<b>Aqr</b>	<b>Galaxy Sa pec?</b>	
	31"	17mmT4	VB,ML,OVAL,RNUC,R=G	
<b>MAC</b>	<b>2059-1421</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>2100-1425</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,FNUC,MSB,R=F	
<b>MAC</b>	<b>2100-1428</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>2101-1315</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	MB,ML,R,FNUC,MSB,R=G	
<b>MAC</b>	<b>2101-1315A</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	MB,ML,R,FNUC,MSB,R=G	
<b>MAC</b>	<b>2101-1316</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	MB,LS,R,NND,MSB,R=F	
<b>MAC</b>	<b>2103-1124</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>2104-1122</b>	<b>Aqr</b>	<b>Galaxy</b>	
	31"	17mmT4	VF,VS,OVAL,NND,R=F, 17TH MAG.	

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**September 27, 2005 Hidden Hollow - RAS**

<b>MAC</b>	<b>2105-1037</b>	<b>Aqr</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F		
<b>MAC</b>	<b>2105-1040</b>	<b>Aqr</b>		<b>Galaxy</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F		
<b>MAC</b>	<b>2110-0351</b>	<b>Aqr</b>		<b>Galaxy</b>	
	31"	17mmT4	MB,ML,OVAL,FNUC,R=F		
<b>NGC</b>	<b>7009</b>	<b>Aqr</b>	<b>H1-4</b>	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>
	31"	17mmT4	VB,VL,OVAL,HISB,R=G!!		
<b>PEASE 1</b>		<b>Peg</b>		<b>Planetary Neb 1</b>	
	31"	17mmT4	VB,VS,R=F		
<b>PGC</b>	<b>65308</b>	<b>Aqr</b>		<b>Galaxy L</b>	
	31"	17mmT4	VB,ML,OVAL,FNUC,MSB,R=G		
<b>PGC</b>	<b>65331</b>	<b>Aqr</b>		<b>Galaxy SBbc</b>	
	31"	17mmT4	VF,VS,R,NND,AV,R=F		
<b>PGC</b>	<b>65391</b>	<b>Aqr</b>		<b>Galaxy Scd</b>	
	31"	17mmT4	VF,VS,OVAL,NND,R=F		
<b>PGC</b>	<b>65923</b>	<b>Cap</b>		<b>Galaxy SB(rs)0+ pec:</b>	
	31"	17mmT4	MB,ML,OVAL,FNUC,MSB,R=F		
<b>PGC</b>	<b>66242</b>	<b>Aqr</b>		<b>Galaxy SB(rs)bc:</b>	
	31"	17mmT4	VF,VL,OVAL,PATCH,NND,R=F		
<b>PGC</b>	<b>66265</b>	<b>Aqr</b>		<b>Galaxy</b>	
	31"	17mmT4	VS,VF,R,NND,R=F		
<b>PGC</b>	<b>66279</b>	<b>Aqr</b>		<b>Galaxy E</b>	
	31"	17mmT4	MF,ML,R,NND,R=F		

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**September 7, 2005 Hidden Hollow - RAS**

<b>IC</b>	<b>1396</b>	<b>Cep</b>	<b>Open Cluster II3mn</b>	
	8"	19mmW	**STARS,BRIGHT, NICE DUST LANES,R=G	
<b>NGC</b>	<b>4125</b>	<b>Dra</b>	<b>Galaxy E6 pec</b>	<b>PB,PL,CE,MBM</b>
	8"	11mmT6	MB,ML,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>5985</b>	<b>Dra</b>	<b>H766-2 Galaxy SAB(r)b</b>	<b>PB,CL,IE,R</b>
	8"	11mmT6	MB,ML,EL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>6015</b>	<b>Dra</b>	<b>H739-3 Galaxy SA(s)cd</b>	<b>VF,PL,R,VGBM</b>
	8"	11mmT6	VF,VS,EL,OVAL,NND,R=F	
<b>NGC</b>	<b>6140</b>	<b>Dra</b>	<b>H740-3 Galaxy SB(s)cd pec</b>	<b>CF,PL,IR</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>6340</b>	<b>Dra</b>	<b>H767-2 Galaxy SA(s)0/a</b>	<b>CF,PL,R,VGMBM</b>
	8"	11mmT6	MB,ML,R,FNUC,MSB,R=G	
<b>NGC</b>	<b>6643</b>	<b>Dra</b>	<b>Galaxy SA(rs)c</b>	<b>PB,PL,E50,2ST P</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>7354</b>	<b>Cep</b>	<b>H705-2 Planetary Neb 4+3b</b>	<b>PLN,B,S,R,PGVLBM</b>
	8"	11mmT6	MB,ML,R,MSB,R=G	

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## September 4, 2005 Hidden Hollow - RAS

NGC 691	Ari	H617-2	Galaxy SA(rs)bc	F,CL,VGLBM
8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F		
NGC 697	Ari	H179-3	Galaxy SAB(r)c:	F,CL,E,MBM
8"	11mmT6	VF,VS,EL,NND,AV,R=F		
NGC 821	Ari	H152-1	Galaxy E6?	PB,VS,VLE,SVMBM,*NP
8"	11mmT6	MF,MS,OVAL,FNUC,R=G		
NGC 1012	Ari	H152-3	Galaxy S0/a?	F,PS,IR,BM,ST INV
8"	11mmT6	MF,MS,OVARL,NND,R=F		
NGC 1024	Ari	H592-2	Galaxy (R')SA(r)ab	PF,S,LE,BM,*11NF 1'
8"	11mmT6	MF,ML,OVAL,NND,AV,R=F		
NGC 1156	Ari	H619-2	Galaxy IB(s)m	PB,CL,PME0,BET2*
8"	7.5mmW	VF,ML,OVAL,NND,AV,R=F		
NGC 7512	Peg		Galaxy E	F,S,R,VS*IN CENTRE
8"	11mmT6	VF,VS,NND,LSB,R=F		
NGC 7514	Peg		Galaxy S?	EF,PL,IR
8"	11mmT6	VF,VS,NND,AV,R=F		
NGC 7515	Peg	H220-3	Galaxy S?	F,CS,R,VGLBM,R
8"	11mmT6	VF,VS,R,NND,AV,R=F		
NGC 7539	Peg		Galaxy S0	F,S,R,PSBM
8"	7.5mmW	VF,VS,R,NND,AV,R=F		
NGC 7563	Peg	H222-3	Galaxy SBa	PF,CS,R,SBM*16,SFOF2
8"	7.5mmW	VF,OVAL,NND,AV,R=F		
NGC 7653	Peg		Galaxy Sb	VF,PS,R,GBM
8"	7.5mmW	VF,VVS,R,NND,AV,R=F		
NGC 7664	Peg		Galaxy Sc:	VF,*S,2ST11,12P
8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F		
NGC 7678	Peg	H226-2	Galaxy SAB(rs)c	VF,PL,VLE,LBM,AM4ST
8"	7.5mmW	VF,VS,OVAL,NND,R=F		
NGC 7680	Peg	H860-3	Galaxy S0-:	VF,S,R,LBM,R
8"	7.5mmW	VF,VS,R,FNUC,AV,R=F		
NGC 7769	Peg	H230-2	Galaxy (R)SA(rs)b	PF,PS,R,MBM
8"	11mmT6	MF,ML,R,NND,R=G		
NGC 7771	Peg	H231-2	Galaxy SB(s)a	PB,PL,E84,BM,N OF 2
8"	11mmT6	MF,ML,OVAL,NND,R=F		

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**September 1, 2005 Hidden Hollow - RAS**

<b>NGC 1</b>	<b>Peg</b>	<b>Galaxy SA(s)b:</b>	<b>F,S,R,BET*11\$*14 VF,</b>
8"	7.5mmW	VF,VVS,OVAL,NND,AV,R=F	
<b>NGC 16</b>	<b>Peg</b>	<b>H15-4 Galaxy SAB0- sp</b>	<b>PB,S,R,BM</b>
8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC 869</b>	<b>Per</b>	<b>H33-6 Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
8"	7.5mmW	VB,R,R=G. BEAUTY - DOUBLE CLUSTER	
<b>NGC 884</b>	<b>Per</b>	<b>H34-6 Open Cluster 6.4 I 3 r</b>	<b>CL,VL,VRI,RUBY*M</b>
8"	7.5mmW	VB,R,R=G. BEAUTY - DOUBLE CLUSTER	
<b>NGC 4125</b>	<b>Dra</b>	<b>Galaxy E6 pec</b>	<b>PB,PL,CE,MBM</b>
8"	7.5mmW	MB,MS,OVAL,NND,MSB,R=F	
<b>NGC 4236</b>	<b>Dra</b>	<b>H51-5 Galaxy SB(s)dm</b>	<b>VF,EL,ME160,VGBM</b>
8"	7.5mmW	MF,ML,NND,LSB,R=F	
<b>NGC 7490</b>	<b>Peg</b>	<b>Galaxy Sbc</b>	<b>VF,VS,IR,LBM</b>
8"	7.5mmW	VF,VS,R,NND,AV,R=F	
<b>NGC 7625</b>	<b>Peg</b>	<b>H250-2 Galaxy SA(rs)a pec</b>	<b>PB,CS,R,SMBM</b>
8"	7.5mmW	VF,VS,R,NND,AV,R=F	

**August 24, 2005 Home**

<b>CR 419</b>	<b>Cyg</b>	<b>Open Cluster IV2p</b>	
8"	19mmW	R=F, LOOSE GROUP, SOME NEBULASITY	
<b>CR 421</b>	<b>Cyg</b>	<b>Open Cluster III1pn</b>	
8"	19mmW	R=F, LOOSE GROUP, FEWER STARS	
<b>CR 428</b>	<b>Cyg</b>	<b>Open Cluster IV1pn</b>	
8"	19mmW	R=F, LOOSE GROUP, FEWER STARS	
<b>NGC 7026</b>	<b>Cyg</b>	<b>Planetary Neb 3a</b>	<b>PB,BIN,PLN</b>
8"	11mmT6	MF,MS,PATCHY,AV,R=F	
<b>NGC 7027</b>	<b>Cyg</b>	<b>Planetary Neb 3a</b>	<b>PLN,STELLAR=8.5M</b>
8"	7.5mmW	VB,VS,R,R=F	
<b>NGC 7048</b>	<b>Cyg</b>	<b>Planetary Neb 3b</b>	<b>PF,PL,DIF,IR,VLBM</b>
8"	7.5mmW	VF,ML,PATCHY,AV,R=F	
<b>NGC 7071</b>	<b>Cyg</b>	<b>Non-Existent</b>	<b>CL,S,C,CE</b>
8"	11mmT6	R=P, DISAPPOINTING	
<b>PGC 64548</b>	<b>Cap</b>	<b>Galaxy SA(rs)cd</b>	
8"	7.5mmW	VF,VS,R,NND,R=F	
<b>PK 64+5.1</b>	<b>Cyg</b>	<b>Planetary Neb 4</b>	
8"	7.5mmW	VF,VS,R,AV,R=F	



## Observations Listing by Date

**August 12, 2005 Hidden Hollow - RAS**

<b>HENIZ 2-441</b> 8"	<b>FIX</b> 7.5mmW VF,VS,AV,R=F	<b>Planetary Neb 4</b>	
<b>IC 1805</b> 8"	<b>Cas</b> 19mmW MB,ML,R=G	<b>Open Cluster E</b>	
<b>MINK 1-70</b> 8"	<b>Aql</b> 7.5mmW VF,VS,AV,R=F	<b>Planetary Neb 1</b>	
<b>MINK 1-74</b> 8"	<b>FIX</b> 7.5mmW VF,VS,AV,R=F	<b>Planetary Neb 1</b>	
<b>NGC 6537</b> 8"	<b>Sgr</b> 7.5mmW VF,VS,AV,R=F	<b>Planetary Neb 2a+6</b>	<b>PLN,B,S,STELLAR</b>
<b>NGC 6546</b> 8"	<b>Sgr</b> 7.5mmW MB,MS,R=F	<b>Open Cluster 10.6 II 1 r</b>	<b>CL,VL,VRI</b>
<b>NGC 6835</b> 8"	<b>Sgr</b> 7.5mmW VF,VS,OVAL,NND,R=F	<b>Galaxy SB(s)a? sp</b>	<b>F,PL,ME</b>
<b>NGC 6836</b> 8"	<b>Sgr</b> 7.5mmW VF,VS,R,NND,AV,R=F	<b>Galaxy SABm</b>	<b>VF,PL,R,DIF</b>
<b>NGC 6891</b> 8"	<b>Del</b> 7.5mmW MF,VS,OVAL,R=F	<b>Planetary Neb 2a+2b</b>	<b>PLN,STELLAR=9.5M</b>
<b>NGC 7099</b> 8"	<b>Cap M30</b> 7.5mmW B,L,R=G, RESOLVE OUTER STARS	<b>Globular</b>	<b>GCL,B,L,LE,GPMBM</b>
<b>NGC 7280</b> 8"	<b>Peg H248-2</b> 7.5mmW VF,VS,OVAL,AV,R=F	<b>Galaxy SAB(r)0+</b>	<b>F,CS,R,GBMS*,3*N,NF</b>
<b>NGC 7292</b> 8"	<b>Peg</b> 11mmT6 VF,VS,OVAL,NND,AV,R=F	<b>Galaxy IBm</b>	<b>EF,S,OVAL,F*INV</b>
<b>NGC 7311</b> 8"	<b>Peg H428-2</b> 11mmT6 VF,VS,EL,NND,AV,R=F	<b>Galaxy Sab</b>	<b>PF,S,R,PSBM,R</b>
<b>NGC 7362</b> 8"	<b>Peg</b> 11mmT6 VF,VS,R,NND,AV,R=F	<b>Galaxy E:</b>	<b>VF,S,R,LBM</b>
<b>NGC 7385</b> 8"	<b>Peg H216-3</b> 11mmT6 VF,VS,R,NND,AV,R=F	<b>Galaxy E pec:</b>	<b>CF,S,R,GLBM,*11NP</b>
<b>NGC 7386</b> 8"	<b>Peg H217-3</b> 11mmT6 VS,VS,OVAL,NND,AV,R=F	<b>Galaxy SA0:</b>	<b>CF,S,R,PGBM,F OF 2</b>
<b>NGC 7550</b> 8"	<b>Peg H181-3</b> 11mmT6 VF,VS,R,NND,AV,R=F	<b>Galaxy SA0-</b>	<b>CF,S,R</b>

**August 9, 2005 Hidden Hollow - RAS**

<b>NGC 6905</b> 8"	<b>Del H16-4</b> 11mmT6 MB,ML,PATCHY,MSB,R=G	<b>Planetary Neb 3+3</b>	<b>PLN,B,PS,R,4S*NR</b>
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## Observations Listing by Date

**August 2, 2005****Hidden Hollow - RAS**

<b>BOL</b>	<b>119</b>	<b>And</b>	<b>Globular</b>	
	8"	11mmT6	MB,ML,OVAL,MSB,R=G	
<b>IC</b>	<b>1311</b>	<b>Cyg</b>	<b>Open Cluster 17.0 I 1 r n</b>	
	8"	19mmW	NICE CLUSTER, NICER NEBULA	
<b>IC</b>	<b>5070</b>	<b>Cyg</b>	<b>Non-Existent</b>	
	8"	19mmW	L,F,R=F	
<b>NGC</b>	<b>6814</b>	<b>Aql</b>	<b>H744-3 Galaxy SAB(rs)bc</b>	<b>PF,PL,R,BM,R</b>
	8"	11mmT6	VF,MS,R,FNUC,R=F	
<b>NGC</b>	<b>6857</b>	<b>Cyg</b>	<b>H144-3 Nebula HII</b>	<b>F,AM MILKY WAY ST</b>
	8"	19mmW	MB,VL,HISB,R=G	
<b>NGC</b>	<b>6906</b>	<b>Aql</b>	<b>Galaxy SB(rs)bc:</b>	<b>PF,PL,R</b>
	8"	11mmT6	MF,ML,OVAL,NND,R=F	
<b>NGC</b>	<b>6926</b>	<b>Aql</b>	<b>H142-3 Galaxy SB(s)bc pec</b>	<b>VF,PL,E176,P OF 2</b>
	8"	11mmT6	VF,VS,NND,AV,R=F	
<b>NGC</b>	<b>6995</b>	<b>Cyg</b>	<b>Non-Existent</b>	<b>F,EL,NEB\$ST INGROUPS</b>
	8"	19mmW	VB,VL,PATCHY,R=G. NEAT	
<b>NGC</b>	<b>7000</b>	<b>Cyg</b>	<b>H37-5 Nebula E</b>	<b>F,EEL,DIF NEBULOSITY</b>
	8"	19mmW	PRETTY LARGE, PRETTY BRIGHT, PRETTY NEAT	
<b>NGC</b>	<b>7008</b>	<b>Cyg</b>	<b>H192-1 Planetary Neb 3</b>	<b>CB,L,E45,R,**ATT</b>
	8"	19mmW	FB,FL,R=G, BEHIND STAR	

**July 31, 2005****Hidden Hollow - RAS**

<b>CR</b>	<b>331</b>	<b>Oph</b>	<b>Open Cluster II 1m</b>	
	8"	11mmT6	MF,FS,OVAL SHAPE, R=F, LOOSE GROUPING	
<b>IC</b>	<b>4634</b>	<b>Oph</b>	<b>Planetary Neb 2a+3</b>	
	8"	7.5mmW	VVF,VS,AV,R=F	
<b>NGC</b>	<b>6325</b>	<b>Oph</b>	<b>Globular</b>	<b>PF,L,R,RR</b>
	8"	7.5mmW	VF,VS,R,LOWSB,AV,R=F	
<b>NGC</b>	<b>6509</b>	<b>Oph</b>	<b>Galaxy Sd</b>	<b>VF,PL,IRRR,LBM</b>
	8"	11mmT6	VF,VS,OVAL,NND,R=F	
<b>NGC</b>	<b>6570</b>	<b>Oph</b>	<b>Galaxy SB(rs)m:</b>	<b>PF,PL,R</b>
	8"	11mmT6	MB,VS,EL,FNUC,MSB,R=F	
<b>NGC</b>	<b>6572</b>	<b>Oph</b>	<b>Planetary Neb 2a</b>	<b>PLN,VB,VS,R,LHAZY</b>
	8"	11mmT6	VB,VS,R,R=F	
<b>PAL</b>	<b>11</b>	<b>Aql</b>	<b>Globular</b>	
	8"	11mmT6	DIFF, VF,ML,R,LOWSB,R=F	
<b>TER</b>	<b>8</b>	<b>Sgr</b>	<b>Globular</b>	
	8"	11mmT6	VF,VS,R,LOWSB,R=F	

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July 9, 2005

## Hidden Hollow - RAS

ESO	456-38	Sgr		Globular	
	8"	11mmT6	VF,VS,R=F		
IC	1276	Ser		Globular	
	8"	11mmT6	VF,ML,R=F		
NGC	6302	Sco		Planetary Neb 6	PB,E PF,(SWIFT,TRIP)
	8"	11mmT6	MB,VS,R,R=G		
NGC	6369	Oph	H11-4	Planetary Neb 4+2	RINGNEB,PB,S,R
	8"	11mmT6	MB,MS,R,R=G		
NGC	6426	Oph	H587-2	Globular	VF,CL,E,VLBM
	8"	11mmT6	VF,VS,R=F		
NGC	6445	Sgr	H586-2	Planetary Neb 3b+3	PB,PS,R,GBM,R,*15NP
	8"	11mmT6	MB,ML,MSB,R=G		
NGC	6451	Sco	H13-6	Open Cluster 12.0 I 2 r n	CL,PL,PRI,BIFID,ST12
	8"	11mmT6	R=G. LOOSE GROUP W/MANY STARS		
NGC	6517	Oph	H199-2	Globular	PB,PL,R,RR
	8"	11mmT6	MF,ML,R=F		
NGC	6520	Sgr	H7-7	Open Cluster 9.0 I 2 r n	CL,PS,RI,LC,ST9...13
	8"	11mmT6	VB,R=G. NICE CLUSTER - BRIGHT		
NGC	6535	Ser		Globular	PF,VS,VSNEB*P
	8"	11mmT6	MF,ML,R=G		
NGC	6539	Ser		Globular	NO DESCRIPT
	8"	11mmT6	VF,ML,R=F		
NGC	6540	Sgr	H198-2	Globular	PF,S,IE,ER OR CL
	8"	11mmT6	R=F. LOOSE GROUP, FEWER STARS		
NGC	6543	Dra	H37-4	Planetary Neb 3a+2	PLN,VB,PS,SBMVSN
	8"	11mmT6	VB,VS,OVAL,R=G		
NGC	6568	Sgr	H30-7	Open Cluster IV 1 m	CL,VL,LC
	8"	11mmT6	MB,R=G. NICE, BRIGHT CLUSTER		
NGC	6629	Sgr	H204-2	Planetary Neb 2a	PLNORGCL,PB,EES,R
	8"	11mmT6	VF,VS,AV,R=F		
NGC	6818	Sgr	H51-4	Planetary Neb 4	PLN,B,VS,R
	8"	11mmT6	VB,VS,R,R=G		
NGC	6864	Sgr	M75	Globular	GCL,B,PL,R,VMBMBN,RR
	8"	11mmT6	PB,PL,R=G,TIGHT GROUP		
PAL	8	Sgr		Globular	
	8"	11mmT6	VF,ML,R,R=F		

## Observations Listing by Date

July 3, 2005

## Hidden Hollow - RAS

<b>ABELL 56</b> 8"	<b>Aql</b> 19mmW	<b>Planetary Neb 4</b> DIFF,MF,VL,PATCHY,R=G	
<b>CR 350</b> 8"	<b>Oph</b> 19mmW	<b>Open Cluster IV1p</b> VB,ML,R=F, LOOSE GROUPING	
<b>CR 401</b> 8"	<b>Aql</b> 19mmW	<b>Open Cluster IV2m</b> VERY LOOSE GROUP, R=F	
<b>IC 1257</b> 8"	<b>Oph</b> 11mmT6	<b>Globular</b> VF,VS,AV,R=F	
<b>IC 4846</b> 8"	<b>Aql</b> 11mmT6	<b>Planetary Neb 2</b> VB,VS,R,R=F	
<b>MINK 3-34</b> 8"	<b>FIX</b> 11mmT6	<b>Planetary Neb 2</b> DIFF,VF,VS,AV,R=F	
<b>NGC 5791</b> 8"	<b>Lib</b> 11mmT6	<b>H691-3 Galaxy E6:</b> VF,VS,EL,NND,AV,R=F	<b>PF,S,R,STELLAR</b>
<b>NGC 5792</b> 8"	<b>Lib</b> 11mmT6	<b>H683-2 Galaxy SB(rs)b</b> VF,VS,EON,NND,R=F	<b>PB,PL,R,MBM,*8,9NP1'</b>
<b>NGC 6139</b> 8"	<b>Sco</b> 11mmT6	<b>Globular</b> VF,VS,R,R=F	<b>B,PL,R,PSBM,RR</b>
<b>NGC 6144</b> 8"	<b>Sco</b> 11mmT6	<b>H10-6 Globular</b> VF,VS,R,AV,R=F	<b>CL,CL,MC,GBM,RRR</b>
<b>NGC 6240</b> 8"	<b>Oph</b> 11mmT6	<b>Galaxy I0: pec</b> VF,VS,OVAL,NND,AV,R=F	<b>VF,PL,LE,DIF</b>
<b>NGC 6309</b> 8"	<b>Oph</b> 11mmT6	<b>Planetary Neb 3b+6</b> MF,MS,PATCHY,R=F	<b>B,S,BET2*VNR</b>
<b>NGC 6368</b> 8"	<b>Oph</b> 11mmT6	<b>Galaxy Sb</b> VF,VS,EON,NND,AV,R=F	<b>F,S,E</b>
<b>NGC 6384</b> 8"	<b>Oph</b> 11mmT6	<b>Galaxy SAB(r)bc</b> VF,ML,OVAL,NND,AV,R=F	<b>PB,S,VLE</b>
<b>NGC 6453</b> 8"	<b>Sco</b> 11mmT6	<b>Globular</b> VF,VS,R,R=F	<b>CL,IR,PMBM,R</b>
<b>NGC 6480</b> 8"	<b>Sco</b> 11mmT6	<b>Non-Existent</b> VF,VS,R=F	<b>NEBSPART OFMILKY WAY</b>
<b>NGC 6517</b> 8"	<b>Oph</b> 11mmT6	<b>H199-2 Globular</b> VF,VS,AV,R=F	<b>PB,PL,R,RR</b>
<b>NGC 6741</b> 8"	<b>Aql</b> 11mmT6	<b>Planetary Neb 4</b> VF,ML,PATCH,AV,R=F	<b>PLN,STELLAR</b>
<b>NGC 6749</b> 8"	<b>Aql</b> 11mmT6	<b>Globular</b> VF,VS,AV,R=F	<b>CL,L,LC,ST L\$\$</b>

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**July 3, 2005****Hidden Hollow - RAS**

<b>NGC</b>	<b>6751</b>	<b>Aql</b>		<b>Planetary Neb 3</b>	<b>PB,S</b>
	8"	11mmT6	MB,ML,R=G		
<b>NGC</b>	<b>6790</b>	<b>Aql</b>		<b>Planetary Neb 2</b>	<b>PLN,B,ES,STELL=9.5M</b>
	8"	11mmT6	VF,VS,AV,R=F		
<b>NGC</b>	<b>6803</b>	<b>Aql</b>		<b>Planetary Neb 2a</b>	<b>PLN,STELLAR</b>
	8"	11mmT6	VF,VS,AV,R=F		
<b>NGC</b>	<b>6804</b>	<b>Aql</b>	<b>H38-6</b>	<b>Planetary Neb 4+2</b>	<b>CB,S,IR,RRR</b>
	8"	11mmT6	VF,ML,AV,R=F		
<b>NGC</b>	<b>6852</b>	<b>Aql</b>		<b>Planetary Neb 4</b>	<b>F NEB,AM ST</b>
	8"	11mmT6	VF,VS,AV,R=F		
<b>PGC</b>	<b>60346</b>	<b>Oph</b>		<b>Galaxy SB(rs)c</b>	
	8"	11mmT6	MB,MS,R,FNUC,R=G		

**June 4, 2005****Hidden Hollow - RAS**

<b>NGC</b>	<b>6635</b>	<b>Her</b>		<b>Galaxy S0 pec:</b>	<b>VF,S,R</b>
	31"	17mmT4	VF,VS,OVAL,NND,R=F		
<b>PAL</b>	<b>5</b>	<b>Ser</b>		<b>Globular</b>	
	31"	17mmT4	VF,VS,R,AV,R=F		

**June 3, 2005****Hidden Hollow - RAS**

<b>IC</b>	<b>4593</b>	<b>Her</b>		<b>Planetary Neb 2+2</b>	
	31"	19mmW	VB,VS,R,HISB,R=G		
<b>NGC</b>	<b>5492</b>	<b>Boo</b>	<b>H876-2</b>	<b>Galaxy Sb pec?</b>	<b>PB,VS,E</b>
	31"	11mmT6	MB,ML,EL,EON,NND,R=G		
<b>NGC</b>	<b>5509</b>	<b>Boo</b>		<b>Galaxy E/S0</b>	<b>VF,S,R,STELLAR NUCL</b>
	31"	11mmT6	MB,VS,OVAL,NND,R=F		
<b>NGC</b>	<b>5513</b>	<b>Boo</b>	<b>H877-2</b>	<b>Galaxy S0</b>	<b>PB,PL,IR</b>
	31"	11mmT6	MB,MS,EL,FNUC,MSB,R=G		
<b>NGC</b>	<b>6207</b>	<b>Her</b>	<b>H701-2</b>	<b>Galaxy SA(s)c</b>	<b>PB,PL,E45,VGMBM</b>
	31"	19mmW	VB,ML,OVAL,FNUC,HISB,R=G		
<b>PGC</b>	<b>50828</b>	<b>Boo</b>		<b>Galaxy S</b>	
	31"	11mmT6	VF,MS,OVAL,NND,AV,R=F		

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May 17, 2005

Hidden Hollow - RAS

<b>NGC 4203</b> 31"	<b>Com</b> 11mmT6	<b>H175-1</b> MB,ML,R,FNUC,MHS,R=G	<b>Galaxy SAB0-:</b>	<b>VB,S,R,PSMBM</b>
<b>NGC 4245</b> 31"	<b>Com</b> 11mmT6	<b>H74-1</b> MF,VS,R,NND,R=F	<b>Galaxy SB(r)0/a:</b>	<b>CB,PL,VLE,SMBM,R</b>
<b>NGC 4251</b> 31"	<b>Com</b> 11mmT6	<b>H89-1</b> MB,ML,EL,EON,FNUC,MSB,R=G	<b>Galaxy SB0? sp</b>	<b>VB,S,E,VSVMBMN,*F90S</b>
<b>NGC 4274</b> 31"	<b>Com</b> 11mmT6	<b>H75-1</b> PF,PS,OVAL,NND,R=F	<b>Galaxy (R)SB(r)ab</b>	<b>VB,VL,E90,MBMN</b>
<b>NGC 4278</b> 31"	<b>Com</b> 11mmT6	<b>H90-1</b> PB,PL,R,BNUC,R=G	<b>Galaxy E1-2</b>	<b>VB,PL,R,MBM,R,1STOF3</b>
<b>NGC 4314</b> 31"	<b>Com</b> 11mmT6	<b>H76-1</b> PB,PS,OVAL,FNUC,MSB,R=G	<b>Galaxy SB(rs)a</b>	<b>CB,L,E150,SBM,*NP</b>
<b>NGC 4340</b> 31"	<b>Com</b> 11mmT6	<b>H85-2</b> MB,PS,OVAL,NND,R=F	<b>Galaxy SB(r)0+</b>	<b>PB,S,R,PSBM</b>
<b>NGC 4350</b> 31"	<b>Com</b> 11mmT6	<b>H86-2</b> MB,PS,EL,OVAL,FNUC,MSB,R=G	<b>Galaxy SA0 sp</b>	<b>CB,VS,ME,VSBM</b>
<b>NGC 4414</b> 31"	<b>Com</b> 11mmT6	<b>H77-1</b> PB,PL,OVAL,FNUC,MSB,R=G	<b>Galaxy SA(rs)c?</b>	<b>VB,L,E,G,VSMBM*</b>
<b>NGC 4419</b> 31"	<b>Com</b> 11mmT6	<b>H113-2</b> MB,ML,EL,EON,FNUC,MSB,R=G	<b>Galaxy SB(s)a sp</b>	<b>B,PME135,SBM</b>
<b>NGC 4421</b> 31"	<b>Com</b> 11mmT6	<b>H89-2</b> PF,PS,OVAL,NND,AV,R=F	<b>Galaxy SB(s)0/a</b>	<b>PB,PL,PGBM,B*NP</b>
<b>NGC 4448</b> 31"	<b>Com</b> 19mmW	<b>H91-1</b> VF,PS,EL,NND,R=G	<b>Galaxy SB(r)ab</b>	<b>B,L,E90,SBM</b>
<b>NGC 4450</b> 31"	<b>Com</b> 11mmT6	<b>H56-2</b> MF,MS,OVAL,NND,R=F	<b>Galaxy SA(s)ab</b>	<b>B,L,R,GVMBM*,R,B*SP</b>
<b>NGC 4725</b> 31"	<b>Com</b> 11mmT6	<b>H611-3</b> PB,PL,OVAL,FNUC,MSB,R=G	<b>Galaxy SAB(r)ab pec</b>	<b>VB,VL,E,VG,VSVMBMEBN</b>

## Observations Listing by Date

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<b>IC</b>	<b>858</b>	<b>Com</b>	<b>Galaxy S0?</b>	
	31"	19mmW	MB,ML,OVAL,FNUC,MHISB,R=G	
<b>IC</b>	<b>859</b>	<b>Com</b>	<b>Galaxy</b>	
	31"	19mmW	MB,FS,R,FNUC,R=F	
<b>MAC</b>	<b>1310+1817</b>	<b>Com</b>	<b>Galaxy</b>	
	31"	19mmW	VF,ML,R,NND,AV,R=F	
<b>MAC</b>	<b>1310+1818</b>	<b>Com</b>	<b>Galaxy</b>	
	31"	19mmW	VF,ML,EL,EON,NND,R=F	
<b>MAC</b>	<b>1310+1825</b>	<b>Com</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>1311+1825</b>	<b>Com</b>	<b>Galaxy</b>	
	31"	12mmT4	VF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>1314+1700</b>	<b>Com</b>	<b>Galaxy</b>	
	31"	19mmW	MB,ML,OVAL,FNUC,R=G	
<b>MAC</b>	<b>1354+4015</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	MB,VS,R,FNUC,R=F	
<b>MAC</b>	<b>1354+4028</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>1355+4002</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>1356+3817</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>1356+3818A</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	VF,MS,EL,OVAL,NND,R=F	
<b>MAC</b>	<b>1356+3818</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1356+3821</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	MF,MS,OVAL,NND,R=F	
<b>MAC</b>	<b>1356+3825</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	VF,MS,R,NND,AV,R=F	
<b>MAC</b>	<b>1356+3829</b>	<b>CVn</b>	<b>Galaxy</b>	
	31"	19mmW	VF,VS,R,NND,AV,R=F	
<b>NGC</b>	<b>5053</b>	<b>Com</b>	<b>H7-6 Globular</b>	<b>CL,VF,PL,IR,VGBM,*15</b>
	31"	19mmW	FAINT,OVAL,R=F	
<b>NGC</b>	<b>5350</b>	<b>CVn</b>	<b>H713-2 Galaxy SB(r)b</b>	<b>CF,PL,BM,*7P,1ST OF4</b>
	31"	19mmW	VB,ML,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>5353</b>	<b>CVn</b>	<b>H714-2 Galaxy S0 sp</b>	<b>PB,S,R,2ND OF 4</b>
	31"	19mmW	VB,ML,OVAL,BNUC,PHISB,R=G	

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<b>NGC</b>	<b>5354</b>	<b>CVn</b>	<b>H715-2</b>	<b>Galaxy S0 sp</b>	<b>PF,S,R,3RD OF 4</b>
	31"	19mmW	VB,ML,OVAL,BNUC,R=G		
<b>NGC</b>	<b>5355</b>	<b>CVn</b>	<b>H699-3</b>	<b>Galaxy S0?</b>	<b>VF,PS,4TH OF 4</b>
	31"	19mmW	MB,ML,EL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>5358</b>	<b>CVn</b>		<b>Galaxy S0/a</b>	<b>VF,VS,R,2VF*INV</b>
	31"	19mmW	MB,FS,EL,OVALFNUC,R=G		
<b>NGC</b>	<b>5371</b>	<b>CVn</b>	<b>H716-2</b>	<b>Galaxy SBbc</b>	<b>PB,L,R,BMFN</b>
	31"	19mmW	MB,ML,OVAL,BNUC,HISB,R=G		
<b>PGC</b>	<b>45710</b>	<b>Com</b>		<b>Galaxy S?</b>	
	31"	19mmW	MB,MS,EL,EON,NND,R=F		
<b>PGC</b>	<b>49480</b>	<b>CVn</b>		<b>Galaxy SBb</b>	
	31"	19mmW	VF,ML,OVAL,NND,R=F		
<b>PGC</b>	<b>49542</b>	<b>CVn</b>		<b>Galaxy Sdm:</b>	
	31"	19mmW	VB,VS,EL,EON,BNUC,R=G		
<b>May 10, 2005</b>				<b>Hidden Hollow - RAS</b>	
<b>NGC</b>	<b>2681</b>	<b>UMa</b>	<b>H242-1</b>	<b>Galaxy (R')SAB(rs)0/a</b>	<b>VB,VL,VG,VSMBM*10</b>
	8"	11mmT6	MB,FS,R,FNUC,R=F		
<b>NGC</b>	<b>3776</b>	<b>Vir</b>		<b>Galaxy Sb</b>	<b>EF,VS</b>
	31"	11mmT6	VF,S,OVAL,NND,R=F		
<b>NGC</b>	<b>4324</b>	<b>Vir</b>		<b>Galaxy SA(r)0+</b>	<b>PB,RORLE,BM</b>
	8"	11mmT6	VF,VS,EL,OVAL,NND,R=F		
<b>NGC</b>	<b>4326</b>	<b>Vir</b>	<b>H141-2</b>	<b>Galaxy SAB(r)ab:</b>	<b>VF,S,R,BM,1ST OF 3</b>
	8"	11mmT6	MF,VS,R,NND,R=F		
<b>NGC</b>	<b>4330</b>	<b>Vir</b>		<b>Galaxy Scd?</b>	<b>VF,L,ME</b>
	8"	11mmT6	VF,VS,EON,NND,AV,R=F		



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NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
	8"	19mmW	VB,VL,OVAL,BNUC,VHISB,R=E!		
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	8"	19mmW	VB,ML,EL,EON,BNUC,VHISB,R=E!		
NGC	4244	CVn	H41-5	Galaxy SA(s)cd: sp	PB,VL,EE43,VGBM
	8"	19mmW	MB,ML,EL,EON,FNUC,R=G		
NGC	4361	Crv	H65-1	Planetary Neb 3a+2	VB,L,R,VSMBMN,R
	8"	11mmT6	VF,VS,R,AV,R=F		
NGC	4627	CVn	H659-2	Galaxy E4 pec	F,S,R,NP OF 2
	8"	19mmW	MF,VS,OVAL,NND,R=F		
NGC	4631	CVn	H42-5	Galaxy SB(s)d sp	VB,VL,EE70,BMN,*ATTN
	8"	19mmW	MB,ML,EL,EON,FNUC,R=G		
NGC	4656	CVn	H176-1	Galaxy SB(s)m pec	PB,L,VME34,SP OF 2
	8"	11mmT6	VF,ML,EL,EON,NND,R=F		
NGC	4689	Com	H128-2	Galaxy SA(rs)bc	PB,VL,E,VGLBM,R
	8"	11mmT6	MF,ML,R,NND,R=F		
NGC	4845	Vir	H536-2	Galaxy SA(s)ab sp	PF,PL,PME,VGBM,*NF
	8"	11mmT6	MF,MS,EL,EON,FNUC,R=G		
NGC	5248	Boo	H34-1	Galaxy SAB(rs)bc	B,L,E150,PSBMRN
	8"	11mmT6	MB,ML,OVAL,FNUC,R=G		
NGC	5466	Boo	H9-6	Globular	CL,L,VRI,VMC,ST11...
	8"	11mmT6	VF,R,R=F		
NGC	5559	Boo	H347-3	Galaxy SBb	VF,S,VLE,BM
	8"	11mmT6	MB,MS,OVAL,FNUC,R=G		
NGC	5689	Boo	H188-1	Galaxy SB(s)0/a:	CB,PL,E87,PSMBM
	8"	11mmT6	MB,ML,EL,FNUC,R=G		
NGC	5746	Vir	H126-1	Galaxy SAB(rs)b? sp	B,L,VME170,BMBN
	8"	11mmT6	VB,VL,EL,EON,FNUC,R=G		
NGC	5904	Ser	M5	Globular	GCL,VB,L,ECM,*11..15
	8"	11mmT6	VB,VL,R=E!!		
NGC	6218	Oph	M12	Globular	GCL,VB,VL,IR,GMBM
	8"	11mmT6	MB,ML,R=E		

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<b>April 13, 2005</b>		<b>Hidden Hollow - RAS</b>			
<b>MAC</b>	<b>1047+1238</b>	<b>Leo</b>	<b>Galaxy</b>		
	31"	17mmT4	MF,MS,EL,OVAL,ND,R=F		
<b>MAC</b>	<b>1047+1246</b>	<b>Leo</b>	<b>Galaxy</b>		
	31"	17mmT4	MF,MS,OVAL,NND,R=F		
<b>NGC</b>	<b>2970</b>	<b>Leo</b>	<b>Galaxy E1:</b>		<b>F,NF OF 3</b>
	31"	17mmT4	MB,OVAL,NND,R=F		
<b>NGC</b>	<b>2981</b>	<b>Leo</b>	<b>Galaxy SAB(rs)bc:</b>		<b>VF</b>
	31"	17mmT4	VF,MS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>3659</b>	<b>Leo</b>	<b>H53-2 Galaxy SB(s)m?</b>		<b>CF,S,LE,R</b>
	31"	11mmT6	MB,ML,EL,OVAL,NND,MSB,R=G		
<b>NGC</b>	<b>4038</b>	<b>Crv</b>	<b>H28.1-4 Galaxy SB(s)m pec</b>		<b>PB,CL,R,VGBM</b>
	8"	7.5mmW	VF,VS,NND,AV,R=F		
<b>NGC</b>	<b>4039</b>	<b>Crv</b>	<b>H28.2-4 Galaxy SA(s)m pec</b>		<b>PF,PL</b>
	8"	7.5mmW	VF,VS,NND,AV,R=F		
<b>NGC</b>	<b>4111</b>	<b>CVn</b>	<b>H195-1 Galaxy SA(r)0+: sp</b>		<b>VB,PS,ME151</b>
	8"	11mmT6	VB,ML,EON,FNUC,MSB,R=G		
<b>NGC</b>	<b>4147</b>	<b>Com</b>	<b>H19-1 Globular</b>		<b>GCL,VB,PL,R,GBM,RRR</b>
	8"	7.5mmW	R,MSB,R=G		
<b>NGC</b>	<b>4527</b>	<b>Vir</b>	<b>H37-2 Galaxy SAB(s)bc</b>		<b>PB,L,PME69,MBM</b>
	8"	11mmT6	MB,ML,EL,EON,FNUC,R=G		
<b>NGC</b>	<b>4536</b>	<b>Vir</b>	<b>H2-5 Galaxy SAB(rs)bc</b>		<b>B,VL,ME110,SBM,ER</b>
	8"	11mmT6	MB,ML,EL,EON,FNUC,R=G		
<b>NGC</b>	<b>4550</b>	<b>Vir</b>	<b>H36-1 Galaxy SB0^: sp</b>		<b>PB,S,VLE,SP OF 2</b>
	8"	11mmT6	MF,MS,EL,NND,R=G		
<b>NGC</b>	<b>4551</b>	<b>Vir</b>	<b>H37-1 Galaxy E:</b>		<b>PB,S,R,BM,NF OF 2</b>
	8"	11mmT6	VF,MS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>4559</b>	<b>Com</b>	<b>H92-1 Galaxy SAB(rs)cd</b>		<b>VB,VL,ME150,GBM,3*F</b>
	8"	7.5mmW	MB,ML,EL,FNUC,R=G		
<b>NGC</b>	<b>4565</b>	<b>Com</b>	<b>H24-5 Galaxy SA(s)b? sp</b>		<b>B,EL,EE135,VSBMN=*10</b>
	8"	7.5mmW	MB,ML,EL,EON,FNUC,R=G		
<b>NGC</b>	<b>4660</b>	<b>Vir</b>	<b>H71-2 Galaxy E:</b>		<b>VB,S,VSVMBMN</b>
	8"	11mmT6	MF,VS,OVAL,NND,R=G		
<b>NGC</b>	<b>4698</b>	<b>Vir</b>	<b>H8-1 Galaxy SA(s)ab</b>		<b>CB,PL,IR,BM,R</b>
	8"	11mmT6	MB,ML,EON,FNUC,MSB,R=G		
<b>NGC</b>	<b>4742</b>	<b>Vir</b>	<b>H133-1 Galaxy E4:</b>		<b>PB,VS,VBMN=*11,*10SF</b>
	8"	11mmT6	MF,MS,EL,FNUC,R=F		
<b>NGC</b>	<b>4760</b>	<b>Vir</b>	<b>Galaxy E0?</b>		<b>PB,R</b>
	8"	11mmT6	VF,ML,OVAL,NND,AV,R=F		

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<b>NGC</b>	<b>4781</b>	<b>Vir</b>	<b>H134-1</b>	<b>Galaxy SB(rs)d</b>	<b>CB,VL,ME</b>
	8"	11mmT6	MF,ML,EL,NND,R=F		
<b>NGC</b>	<b>4889</b>	<b>Com</b>	<b>H391-2</b>	<b>Non-Existent</b>	<b>PB,PME,BM,*7N</b>
	8"	7.5mmW	VF,VS,NND,AV,R=F		
<b>NGC</b>	<b>4931</b>	<b>Com</b>		<b>Galaxy S0 sp</b>	<b>F,S</b>
	8"	11mmT6	VB,ML,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>5694</b>	<b>Hya</b>	<b>H196-2</b>	<b>Globular</b>	<b>CB,CS,R,PSBM,R,*9SP</b>
	8"	7.5mmW	VS,VF,R,R=F		
<b>NGC</b>	<b>5982</b>	<b>Dra</b>	<b>H764-2</b>	<b>Galaxy E3</b>	<b>CB,S,R,PSBM,R</b>
	8"	11mmT6	VF,VS,OVAL,NND,R=F		
<b>NGC</b>	<b>5985</b>	<b>Dra</b>	<b>H766-2</b>	<b>Galaxy SAB(r)b</b>	<b>PB,CL,IE,R</b>
	8"	11mmT6	MB,ML,EL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>6543</b>	<b>Dra</b>	<b>H37-4</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,VB,PS,SBMVSN</b>
	8"	11mmT6	VB,VS,R,R=G		
<b>PGC</b>	<b>35103</b>	<b>Leo</b>		<b>Galaxy S</b>	
	31"	11mmT6	MF,MS,EL,OVAL,NND,AV,R=F		

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<b>NGC</b>	<b>2962</b>	<b>Hya</b>	<b>Galaxy (R)SAB(rs)0+</b>	<b>F,VS,VLE,PSBM</b>
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>2983</b>	<b>Hya</b>	<b>H289-3 Galaxy SB(rs)0+</b>	<b>F,PS,R,BM,R,STELLAR</b>
	8"	7.5mmW	VF,VS,OVAL,NND,R=F	
<b>NGC</b>	<b>2986</b>	<b>Hya</b>	<b>H311-2 Galaxy E2</b>	<b>PB,PS,IR,MBM</b>
	8"	7.5mmW	VF,VS,OVAL,NND,R=F	
<b>NGC</b>	<b>2992</b>	<b>Hya</b>	<b>H277-3 Galaxy Sa pec</b>	<b>CF,S,R,BM,STEL,P OF2</b>
	8"	7.5mmW	VF,VS,EL,EON,NND,AV,R=F	
<b>NGC</b>	<b>2993</b>	<b>Hya</b>	<b>H278-3 Galaxy Sa pec</b>	<b>CF,S,R,BM,STEL,F OF2</b>
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3052</b>	<b>Hya</b>	<b>H272-3 Galaxy SAB(r)c:</b>	<b>F,PL,R,GLBM,NF OF 2</b>
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3054</b>	<b>Hya</b>	<b>Galaxy SAB(r)b</b>	<b>PB,L,IRR OBLONG</b>
	8"	7.5mmW	DIFF,VF,ML,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3072</b>	<b>Hya</b>	<b>H273-3 Galaxy S0/a? sp</b>	<b>VF,PS,LE,GLBM</b>
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3078</b>	<b>Hya</b>	<b>H268-2 Galaxy E2-3</b>	<b>PB,S,R,MBM</b>
	8"	7.5mmW	MF,ML,OVAL,FNUC,R=G	
<b>NGC</b>	<b>3091</b>	<b>Hya</b>	<b>H293-2 Galaxy E3:</b>	<b>PB,PS,IR,BM,P OF 2</b>
	8"	11mmT6	MF,MS,OVAL,NND,R=F	
<b>NGC</b>	<b>3109</b>	<b>Hya</b>	<b>Galaxy SB(s)m sp</b>	<b>CF,VL,VME82,LBM</b>
	8"	11mmT6	DIFF,MF,VL,EON,NND,R=F	
<b>NGC</b>	<b>3124</b>	<b>Hya</b>	<b>Galaxy SAB(rs)bc</b>	<b>F,PL,R,LBM,D* S</b>
	8"	11mmT6	DIFF,VF,ML,OVAL,NND,R=F	
<b>NGC</b>	<b>3146</b>	<b>Hya</b>	<b>Galaxy SB(r)b?</b>	<b>EF,S,R,GBM</b>
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>3200</b>	<b>Hya</b>	<b>Galaxy SAB(rs)c:</b>	<b>PB,E160,BMN</b>
	8"	7.5mmW	VF,VS,EON,NND,AV,R=F	
<b>NGC</b>	<b>3242</b>	<b>Hya</b>	<b>H27-4 Planetary Neb 4+3b</b>	<b>PLN,VB,LE147,45"D</b>
	8"	7.5mmW	VB,VL,R,R=G	
<b>NGC</b>	<b>4578</b>	<b>Vir</b>	<b>H15-2 Galaxy SA(r)0^:</b>	<b>PF,PS,R,SBMN,*NP</b>
	8"	11mmT6	MF,MS,OVAL,NND,R=G	
<b>NGC</b>	<b>4580</b>	<b>Vir</b>	<b>H124-1 Galaxy SAB(rs)a pec</b>	<b>PB,L,VGBM</b>
	8"	11mmT6	MB,ML,R,NND,R=G	
<b>NGC</b>	<b>4581</b>	<b>Vir</b>	<b>Galaxy E+</b>	<b>F,S,BM,STELL N</b>
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>4586</b>	<b>Vir</b>	<b>H125-1 Galaxy SA(s)a: sp</b>	<b>PB,L,E,PSBM</b>
	8"	11mmT6	MF,ML,EL,NND,R=G	

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<b>NGC</b>	<b>4592</b>	<b>Vir</b>	<b>H31-2</b>	<b>Galaxy SA(s)dm:</b>	<b>F,L,E90,VGBM</b>
	8"	11mmT6	MF,ML,EL,EON,NND,AV,R=F		
<b>NGC</b>	<b>4593</b>	<b>Vir</b>	<b>H183-2</b>	<b>Galaxy (R)SB(rs)b</b>	<b>PB,CL,E,SBMN=*</b>
	8"	11mmT6	MF,MS,OVAL,NND,R=F		
<b>NGC</b>	<b>4596</b>	<b>Vir</b>	<b>H24-1</b>	<b>Galaxy SB(r)0+</b>	<b>B,PS,R,GMBM,R,3*F</b>
	8"	11mmT6	MB,ML,OVALFNUC,R=G		
<b>NGC</b>	<b>4597</b>	<b>Vir</b>	<b>H636-2</b>	<b>Galaxy SB(rs)m</b>	<b>F,VL,BM</b>
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>4602</b>	<b>Vir</b>	<b>H184-2</b>	<b>Galaxy SAB(rs)bc</b>	<b>F,L,E,VGLBM</b>
	8"	11mmT6	MF,MS,EON,NND,R=F		
<b>NGC</b>	<b>4606</b>	<b>Vir</b>	<b>H43-3</b>	<b>Galaxy SB(s)a:</b>	<b>VF,PS,E,20R3VS*INV</b>
	8"	11mmT6	MF,ML,OVAL,NND,R=F		
<b>NGC</b>	<b>4608</b>	<b>Vir</b>	<b>H69-2</b>	<b>Galaxy SB(r)0^</b>	<b>PB,PL,R,PSBM,R,*NP1'</b>
	8"	11mmT6	MF,MS,OVAL,FNUC,R=G		
<b>NGC</b>	<b>4612</b>	<b>Vir</b>	<b>H148-2</b>	<b>Galaxy (R)SAB0^</b>	<b>PB,S,R,PSMBM</b>
	8"	11mmT6	MB,MS,OVAL,RNUC,R=G		
<b>NGC</b>	<b>4623</b>	<b>Vir</b>	<b>H149-2</b>	<b>Galaxy SB0+: sp</b>	<b>CF,PL,E,PSLBM,R</b>
	8"	11mmT6	MF,MS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>4630</b>	<b>Vir</b>	<b>H532-2</b>	<b>Galaxy IB(s)m?</b>	<b>CF,S,R,LBM</b>
	8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>4632</b>	<b>Vir</b>	<b>H14-1</b>	<b>Galaxy SAc</b>	<b>PB,L,E45</b>
	8"	7.5mmW	VF,VS,OVAL,NND,R=F		
<b>NGC</b>	<b>4638</b>	<b>Vir</b>	<b>H70-2</b>	<b>Galaxy S0- sp</b>	<b>F,R,GBM</b>
	8"	11mmT6	MB,MS,OVAL,NND,R=G		
<b>NGC</b>	<b>4639</b>	<b>Vir</b>	<b>H125-2</b>	<b>Galaxy SAB(rs)bc</b>	<b>PB,S,E,R,*12SF1'</b>
	8"	11mmT6	MB,ML,OVAL,RNUC,R=G		
<b>NGC</b>	<b>4647</b>	<b>Vir</b>	<b>H44-3</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,PL,LE115,NPOFDNEB</b>
	8"	11mmT6	MB,MS,OVAL,NND,R=G		
<b>NGC</b>	<b>4654</b>	<b>Vir</b>	<b>H126-2</b>	<b>Galaxy SAB(rs)cd</b>	<b>F,VL,PME,(D),3*NR</b>
	8"	11mmT6	VF,ML,NND,R=F		
<b>NGC</b>	<b>4665</b>	<b>Vir</b>		<b>Non-Existent</b>	<b>B,PL,IR,MBM,*10SP</b>
	8"	11mmT6	VB,ML,OVAL,FNUC,R=G		
<b>NGC</b>	<b>4772</b>	<b>Vir</b>	<b>H24-2</b>	<b>Galaxy SA(s)a</b>	<b>PF,PS,R,MBM</b>
	8"	11mmT6	VB,VS,EL,NND,R=F		
<b>NGC</b>	<b>5194</b>	<b>CVn</b>	<b>M51</b>	<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
	31"	28mm	VB,VL,OVAL,BNUC,R=E!!		
<b>NGC</b>	<b>6205</b>	<b>Her</b>	<b>M13</b>	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
	8"	11mmT6	VB,VL,ROUND,R=E!!!		

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NGC	2595	Cnc	H599-3	Galaxy SAB(rs)c	VF,PL,IF,R,D*SP2'
	8"	11mmT6		VF,VS,OVAL,NND,AV,R=F	
NGC	2648	Cnc	H49-3	Galaxy Sa	F,S,VLE135,PSBM
	8"	11mmT6		VF,VS,EL,NND,AV,R=F	
NGC	3041	Leo	H98-2	Galaxy SAB(rs)c	GCL,F,L,R,VGLBM,RR
	8"	11mmT6		MF,MS,OVAL,NND,AV,R=F	
NGC	3067	Leo	H492-2	Galaxy SAB(s)ab?	PB,PL,E106,GBM,*94'P
	8"	11mmT6		MF,MS,EL,OVAL,NND,R=F	
NGC	3098	Leo		Galaxy S0 sp	PB,S,E85,PSBMN
	8"	11mmT6		VF,MS,EL,EON,NND,R=F	
NGC	3162	Leo	H43-2	Galaxy SAB(rs)bc	PF,CL,R,VGLBM,R,*INV
	8"	11mmT6		DIFF,VF,ML,OVAL,NND,AV,R=F	
NGC	3185	Leo		Galaxy (R)SB(r)a	PF,PL,GMBM
	8"	11mmT6		VF,VS,OVAL,NND,AV,R=F	
NGC	3189	Leo		Knot in Galaxy	VVF,ME,PARALLEL-3190
	8"	11mmT6		VF,EON,BOTTOM OF NGC 3190	
NGC	3190	Leo	H44-2	Galaxy SA(s)a pec sp	B,PS,E,PSBMN
	8"	11mmT6		MF,ML,EL,EON,FNUC,R=G	
NGC	3274	Leo	H358-2	Galaxy SABd?	F,PL,R,GLBM,D* F
	8"	11mmT6		VF,VS,OVAL,NND,AV,R=F	
NGC	3599	Leo	H49-2	Galaxy SA0:	B,PS,R,PGMBM
	8"	11mmT6		VF,VS,OVAL,NND,AV,R=F	
NGC	4417	Vir	H155-2	Galaxy SB0: sp	F,PL,E,LBP
	8"	7.5mmW		VF,ML,EL,EON,NND,AV,R=F	
NGC	4420	Vir	H23-2	Non-Existent	F,PL,LE,R,(=4409)
	8"	7.5mmW		VF,VS,EL,NND,AV,R=F	
NGC	4424	Vir		Galaxy SB(s)a:	F,PL,IR,BM
	8"	7.5mmW		MFN,ML,EL,OVAL,NND,MSB,R=G	
NGC	4443	Vir		Non-Existent	F,S,
	8"	7.5mmW		MFB,ML,EL,OVAL,FNUC,MSB,R=G	
NGC	4469	Vir	H157-2	Galaxy SB(s)0/a? sp	PF,PL,ME,BM,R
	8"	7.5mmW		MF,ML,EL,EON,NND,R=G	
NGC	4478	Vir	H124-2	Galaxy E2	PB,S,R,PSBM,2ND OF 3
	8"	7.5mmW		MB,MS,R,FNUC,MSB,R=G	
NGC	4594	Vir	M104 H43-1	Galaxy SA(s)a sp	VB,VL,EE92,VSMBMN
	8"	7.5mmW		VB,VL,EON,NUC,HISB,R=E!!	

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NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN	2
	8"	11mmT6	VB,VL,EON,NUC,HISB,R=E!!			
NGC	3627	Leo	M66	Galaxy SAB(s)b	B,VL,ME150,MBM,2*NP	
	8"	11mmT6	VB,ML,EL,EON,NUC,HISB,R=E			
NGC	3818	Vir	H284-3	Galaxy E5	F,PS,R,PSBM	
	8"	11mmT6	MF,EL,EON,NND,R=F			
NGC	3976	Vir	H132-2	Galaxy SAB(s)b	B,PL,CE30,VSMBMN	
	8"	11mmT6	MF,EL,EON,NND,R=F			
NGC	4030	Vir	H121-1	Galaxy SA(s)bc	CB,L,VLE,PSMBM,BSTNR	
	8"	11mmT6	MB,OVAL,FNUC,MSB,R=G			
NGC	4045	Vir	H276-2	Galaxy SBa	PF,L,R,SBM,*SF	
	8"	11mmT6	VF,OVAL,NND,AV,R=F			
NGC	4073	Vir	H277-2	Galaxy E+	F,PS,R,PGBM,NP OF 2	
	8"	11mmT6	VF,OVAL,NND,AV,R=F			
NGC	4168	Vir	H105-2	Galaxy E2	PB,PL,IF,PSBM,R,*INV	
	8"	11mmT6	MB,OVAL,PATCH,NND,R=G			
NGC	4178	Vir		Galaxy SB(rs)dm	VF,VL,E45,*7F	
	8"	11mmT6	VF,EL,OVAL,AV,R=F			
NGC	4179	Vir	H9-1	Galaxy S0 sp	PB,PS,PME135,BMN	
	8"	11mmT6	MB,EON,OVAL,FNUC,MSB,R=G			
NGC	4206	Vir	H165-2	Galaxy SA(s)bc:	F,VME	
	8"	11mmT6	VF,EON,NND,AV,R=F			
NGC	4216	Vir	H35-1	Galaxy SAB(s)b:	VB,VL,VME17,SBMN	
	8"	11mmT6	VB,EON,FNUC,MSB,R=G			
NGC	4268	Vir		Galaxy SB0/a: sp	PF,S,2ND OF 6 NEB	
	8"	11mmT6	VF,EL,OVAL,NND,AV,R=F			
NGC	4273	Vir	H569-2	Galaxy SB(s)c	PB,L,E,GBM	
	8"	11mmT6	MB,OVAL,FNUC,MSB,R=G			
NGC	4281	Vir	H573-2	Galaxy S0+: sp	B,VL,R,PGBM	
	8"	11mmT6	MB,EL,OVAL,NND,MSB,R=F			
NGC	4294	Vir	H61-2	Galaxy SB(s)cd	F,L,ME135,BIN,P OF 2	
	8"	11mmT6	MF,EL,EON,NND,AV,R=F			
NGC	4299	Vir	H62-2	Galaxy SAB(s)dm:	F,L,LE,VGBM,F OF 2	
	8"	11mmT6	VF,OVAL,NND,AV,R=F			
NGC	4313	Vir	H63-2	Galaxy SA(rs)ab: sp	VF,L,E135,R	
	8"	11mmT6	MF,EL,EON,NND,R=F			
NGC	5272	CVn	M3	Globular	GCL,EB,VL,VSMBM,*11.	
	8"	11mmT6	LARGE, BRIGHT & ROUND!!!			

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**March 15, 2005****Hidden Hollow - RAS**

<b>ABELL 31</b> 8"	<b>Cnc</b> 11mmT6		<b>Planetary Neb 3a</b> VF,PATCHY,LARGE,R=F	
<b>NGC 2535</b> 8"	<b>Cnc</b> 11mmT6		<b>Galaxy SA(r)c pec</b> VF,MS,EON,OVAL,NND,AV,R=F	<b>EF,VS,R</b>
<b>NGC 2563</b> 8"	<b>Cnc</b> 11mmT6	<b>H634-2</b>	<b>Galaxy S0^:</b> VF,VS,EON,OVAL,NND,AV,R=F	<b>CF,S,R,BM</b>
<b>NGC 2672</b> 8"	<b>Cnc</b> 11mmT6	<b>H48-2</b>	<b>Galaxy E1-2</b> MF,ML,OVAL,PATCH,NND,R=F	<b>PB,PL,IR,MBM</b>
<b>NGC 2749</b> 8"	<b>Cnc</b> 11mmT6		<b>Galaxy E3</b> MB,ML,EL,OVAL,NND,R=G	<b>PF,S,R,BMN=*15</b>
<b>NGC 2775</b> 8"	<b>Cnc</b> 11mmT6	<b>H2-1</b>	<b>Galaxy SA(r)ab</b> MB,ML,OVAL,PATCH,NND,R=G	<b>CB,CL,R,VGVSMBM,R</b>
<b>NGC 3115</b> 8"	<b>Sex</b> 11mmT6	<b>H163-1</b>	<b>Galaxy S0- sp</b> VB,ML,EL,EON, FNUC,MSB,R=G	<b>VB,L,VME46,VGSMBMEN</b>
<b>NGC 3145</b> 8"	<b>Hya</b> 11mmT6	<b>H518-3</b>	<b>Galaxy SB(rs)bc</b> VB,ML,EL,EON,R=G	<b>F,PL,R,VGSLBM</b>
<b>NGC 3423</b> 8"	<b>Sex</b> 11mmT6	<b>H6-4</b>	<b>Galaxy SA(s)cd</b> VF,ROUND,NND,AV,R=F	<b>F,VL,R,VGBM,RR</b>
<b>PGC 28913</b> 8"	<b>Sex</b> 11mmT6		<b>Galaxy IB(s)m</b> MB,VS,OVAL,NND,AV,R=F	

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<b>IC 2118</b> 8"	<b>Eri</b> 25mmPL		<b>Non-Existent</b> MF,VL,LSB,R=G OIII FILTER	
<b>NGC 1982</b> 8"	<b>Ori</b> 11mmT6	<b>M43 H1-3</b>	<b>Nebula E</b> VB,VL,VHISB,R=E!!!, OIII FILTER	<b>VB,VL,RW/TAIL,MBM*8</b>
<b>NGC 2927</b> 8"	<b>Leo</b> 11mmT6		<b>Galaxy SAB(rs)b</b> VF,VS, OVAL,NND,AV,R=F	<b>F,PL,R,LBM</b>
<b>NGC 3301</b> 8"	<b>Leo</b> 11mmT6	<b>H46-2</b>	<b>Galaxy SB0-a</b> MB,MS,EL,FNUC,MSB,R=G	<b>CB,S,LE53,PSBM,R</b>
<b>NGC 3338</b> 8"	<b>Leo</b> 11mmT6	<b>H77-2</b>	<b>Galaxy SA(s)c</b> VF,MS,EL,OVAL,PATCHY,NND,AV,R=G	<b>F,CL,E,VGBM,*7P10S</b>
<b>NGC 3507</b> 8"	<b>Leo</b> 11mmT6	<b>H7-4</b>	<b>Galaxy SB(s)b</b> DIFF,VF,MS,OVAL,NND,AV,R=F	<b>CF,PL,R,SBMS*,*9ATT</b>
<b>NGC 3596</b> 8"	<b>Leo</b> 11mmT6	<b>H102-2</b>	<b>Galaxy SAB(rs)c</b> VF,VS,OVAL,NND,AV,R=F	<b>PF,L,R,GLBM</b>



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IC	2163	<b>CMa</b>		<b>Galaxy SB(rs)c pec</b>	
	8"	11mmT6	VF,VS,EL,NND,AV,R=F		
NGC	2204	<b>CMa</b>	<b>H13-7</b>	<b>Open Cluster 13.0 II 2 r</b>	<b>CL,L,PRI,LC</b>
	8"	11mmT6	DIFFUSED,ML,R,R=G		
NGC	2206	<b>CMa</b>		<b>Galaxy SAB(rs)bc:</b>	<b>F,PS,VLE,PSLBM</b>
	8"	11mmT6	VF,VS,NND,AV,R=F		
NGC	2207	<b>CMa</b>		<b>Galaxy SAB(rs)bc pec</b>	<b>PB,PL,ME87,PSLBMRN</b>
	8"	11mmT6	VF,EL,OVAL,NND,AV,R=F		
NGC	2217	<b>CMa</b>		<b>Galaxy (R)SB(rs)0+</b>	<b>VB,S,R,PSMBM,R</b>
	8"	11mmT6	MF,MS,OVAL,FNUC,R=G		
NGC	2223	<b>CMa</b>		<b>Galaxy SAB(r)b</b>	<b>F,PL,R,VGLBM,2STINV</b>
	8"	11mmT6	MF,ML,OVAL,FNUC,R=G		
NGC	2227	<b>CMa</b>		<b>Galaxy SB(rs)c</b>	<b>EF,R,** 90"P</b>
	8"	11mmT6	MB,MS,OVAL,FNUC,R=G		
NGC	2237	<b>Mon</b>		<b>Nebula E</b>	<b>PB,VVL,DIF,(2238)</b>
	8"	11mmT6	VB,VL,R=G		
NGC	2243	<b>CMa</b>		<b>Open Cluster 11.8 I 2 r</b>	<b>PB,CL,R,VGLBM,4'</b>
	8"	11mmT6	MF,MS,R,R=F, COMPACT		
NGC	2244	<b>Mon</b>	<b>H2-7</b>	<b>Open Cluster 7.0 II 3 r n</b>	<b>CL,BEAUTIFUL,STSC</b>
	8"	11mmT6	VB,VL,R=G		
NGC	2263	<b>CMa</b>		<b>Galaxy (R')SB(r)ab</b>	<b>PF,LE,BET2VS*,PSLBM</b>
	8"	11mmT6	VF,VS,OVAL,NND,AV,R=F		
NGC	2272	<b>CMa</b>		<b>Galaxy SAB(s)0-</b>	<b>PF,PS,VLE,BM,R</b>
	8"	11mmT6	VF,VS,EL,NND,AV,R=F		
NGC	2280	<b>CMa</b>		<b>Galaxy SA(s)cd</b>	<b>PF,PL,LE,GBM</b>
	8"	11mmT6	DIFFUSE,MF,ML,EL,OVAL,NND,R=G		
NGC	2283	<b>CMa</b>	<b>H271-3</b>	<b>Galaxy SB(s)cd</b>	<b>3OR4S*+NEB</b>
	8"	11mmT6	MB,ML,OVAL,PATCHY,FNUC,R=G		
NGC	2325	<b>CMa</b>		<b>Galaxy E4</b>	<b>PB,PL,LE,GBM</b>
	8"	11mmT6	MF,MS,OVA,PATCHY,NND,R=F		
NGC	2345	<b>CMa</b>		<b>Open Cluster 9.0 II 3 r</b>	<b>CL,PL,PRI,GBM,*10.14</b>
	8"	11mmT6	ML,R=G		
NGC	2362	<b>CMa</b>	<b>H17-7</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,PL,RI,30CMA</b>
	8"	11mmT6	VB,ML,R,R=G		
NGC	2367	<b>CMa</b>	<b>H27-8</b>	<b>Open Cluster 9.4 II 3 m</b>	<b>CL,S,P,LC</b>
	8"	11mmT6	MS,R,R=F, SMALL & TIGHT		
NGC	2374	<b>CMa</b>	<b>H35-8</b>	<b>Open Cluster 10.7 IV 2 p</b>	<b>CL,VL,PRI,LC,ST L</b>
	8"	11mmT6	MB,ML,R=G		

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<b>NGC 2916</b> 8"	<b>Leo</b> 11mmT6	<b>H260-2</b>	<b>Galaxy SA(rs)b?</b>	<b>F,S,VLE</b>
			VF,VS,OVAL,NND,AV,R=F	
<b>NGC 2964</b> 8"	<b>Leo</b> 11mmT6	<b>H114-1</b>	<b>Galaxy SAB(r)bc:</b>	<b>B,VL,LE,VGBM,SP OF 3</b>
			MB,ML,EL,OVAL,PATCHY,NND,MSB,R=G	
<b>NGC 2968</b> 8"	<b>Leo</b> 11mmT6	<b>H491-2</b>	<b>Galaxy I0</b>	<b>PB,PL,LE,VGLBM,2ND-3</b>
			DIFF,MF,MS,OVAL,NND,AV,R=F	
<b>NGC 3031</b> 8"	<b>UMa</b> 11mmT6	<b>M81</b>	<b>Galaxy SA(s)ab</b>	<b>EB,EL,E156,GSVMBMBN 2</b>
			MF,ML,OVAL,NND,R=F	
<b>NGC 3032</b> 8"	<b>Leo</b> 11mmT6		<b>Galaxy SAB(r)0^</b>	<b>F,S,SBM*12,BET2B*</b>
			VF,VS,EL,NND,AV,R=F	

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<b>MAC 0447-0208</b> 31"	<b>Ori</b> 11mmT6		<b>Galaxy</b>	
			MF,MS,EL,FNUC,R=F	
<b>MAC 0448-0134</b> 31"	<b>Ori</b> 11mmT6		<b>Galaxy</b>	
			MF,VS,OVAL,FNUC,R=G	
<b>MAC 0448-0134</b> 31"	<b>Ori</b> 11mmT6		<b>Galaxy</b>	
			MF,VS,OVAL,FNUC,R=G	
<b>NGC 1661</b> 31"	<b>Ori</b> 11mmT6		<b>Galaxy SA(s)bc pec:</b>	<b>VF,VS,BM</b>
			VF,MS,EL,OVAL,PATCH,NND,R=F	
<b>NGC 1683</b> 31"	<b>Ori</b> 11mmT6		<b>Galaxy Sa</b>	<b>VF,R</b>
			DIFF,MB,MS,EL,OVAL,NND,R=G	
<b>NGC 1691</b> 31"	<b>Ori</b> 11mmT6		<b>Galaxy (R)SB(s)0/a:</b>	<b>F,S,*11INV</b>
			VF,MS,OVAL,NND,R=F	
<b>NGC 1982</b> 31"	<b>Ori</b> 11mmT6	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
			480X+,TRAPEZIUM!!!!	
<b>PGC 16012</b> 31"	<b>Ori</b> 11mmT6		<b>Galaxy Sd</b>	
			VF,MS,OVAL,NND,AV,R=F	
<b>PGC 16017</b> 31"	<b>Ori</b> 11mmT6		<b>Galaxy Sa</b>	
			MB,MS,EL,EON,FNUC,R=G	

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IC	458	Lyn	Galaxy S0-:	
	31"	17mmT4 MB,R,FNUC,MSB,R=G		
IC	459	Lyn	Galaxy C	
	31"	17mmT4 VF,OVAL,NND,AV,R=F		
IC	460	Lyn	Galaxy	
	31"	17mmT4 VF,MS,EL,NND,LSB,R=F		
IC	461	Lyn	Galaxy S	
	31"	17mmT4 MF,OVAL,NND,R=F		
IC	464	Lyn	Galaxy E?	
	31"	17mmT4 MB,S,EON,OVAL,NND,R=G		
IC	465	Lyn	Galaxy S?	
	31"	17mmT4 MB,MS,EL,FNUC,MSB,R=G		
IC	467	Cam	Galaxy SAB(s)c:	
	31"	17mmT4 MB,ML,OVAL,PATCH,NND,R=G		
IC	2174	Cam	Galaxy SBa	
	31"	17mmT4 MF,OVAL,PATCHY,NND,R=G		
IC	2179	Cam	Galaxy E1-2	
	31"	17mmT4 MB,ML,EL,NUC,HISB,R=G		
IC	2184	Cam	Galaxy I?	
	31"	17mmT4 DIFF,MB,MF,PATCH,NND,R=G		
MAC	0710+4956	Lyn	Galaxy	
	31"	17mmT4 VF,MS,R,NND,AV,R=F		
MAC	0711+4949	Lyn	Galaxy	
	31"	17mmT4 MB,S,OVAL,NND,R=G		
MAC	0711+5007	Lyn	Galaxy	
	31"	17mmT4 MF,S,EL,NND,R=F		
NGC	2314	Cam	Galaxy E3	VF,S,R
	31"	17mmT4 MB,ML,EL,FNUC,MSB,R=G		
NGC	2340	Lyn	H736-2 Galaxy E	PF,S,R,GLBM,R
	31"	17mmT4 MB,ML,EL,OVAL,FNUC,MSB,R=G		
NGC	2347	Cam	H746-3 Galaxy (R')SA(r)b:	VF,S,R,LBM
	31"	17mmT4 VB,ML,OVAL,SNUC,HISB,R=G		
NGC	2363	Cam	Galaxy Irr	NEB* OR VFVS,2366SF
	31"	17mmT4 VF,VS,OVAL,NND,R=F		
NGC	2366	Cam	H748-3 Galaxy Irr	VF,PL,MBM,CVEDTAILS
	31"	17mmT4 MF,ML,PATCHY,NUC,R=G		
NGC	2429A	Lyn	Non-Existent	
	31"	17mmT4 MB,EL,EON,FNUC,MSB,R=G		

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<b>NGC</b>	<b>2431</b>	<b>Lyn</b>	<b>H829-3</b>	<b>Galaxy (R')SB(s)a:</b>	<b>EF,VS,R,BM</b>
	31"	17mmT4	MB,EL,OVAL,NND,R=G		
<b>NGC</b>	<b>2441</b>	<b>Cam</b>		<b>Galaxy SAB(r)b:</b>	<b>VF,PS</b>
	31"	17mmT4	MB,ML,OVAL,FNUC,MSB,R=G		
<b>NGC</b>	<b>2446</b>	<b>Lyn</b>		<b>Galaxy Sb</b>	<b>F,AM4*</b>
	31"	17mmT4	MB,OVAL,PATCH,NND,R=G		
<b>NGC</b>	<b>2456</b>	<b>Lyn</b>		<b>Galaxy E</b>	<b>VF,R,VGBM</b>
	31"	17mmT4	MB,S,R,PATCH,NND,R=G		
<b>NGC</b>	<b>2457</b>	<b>Lyn</b>		<b>Galaxy Sbc</b>	<b>F,PL,R,2456SP</b>
	31"	17mmT4	VF,VS,OVAL,PATCH,NND,AV,R=F		
<b>NGC</b>	<b>2458</b>	<b>Lyn</b>		<b>Galaxy</b>	<b>VF,*12CLOSE</b>
	31"	17mmT4	VF,S,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>2462</b>	<b>Lyn</b>		<b>Galaxy</b>	<b>VF,VS,VLBM</b>
	31"	17mmT4	VF,OVAL,NND,AV,R=F		
<b>PGC</b>	<b>20308</b>	<b>Lyn</b>		<b>Galaxy L</b>	
	31"	17mmT4	MF,MS,OVAL,FNUC,R=G		
<b>PGC</b>	<b>20327</b>	<b>Lyn</b>		<b>Galaxy C</b>	
	31"	17mmT4	VF,OVAL,NND,AV,R=F		
<b>PGC</b>	<b>20364</b>	<b>Lyn</b>		<b>Galaxy S0-:</b>	
	31"	17mmT4	MB,ML,EL,FNUC,MSB,R=G		
<b>PGC</b>	<b>21635</b>	<b>Lyn</b>		<b>Galaxy S</b>	
	31"	17mmT4	MF,ML,OVAL,PATCH,NND,R=F		
<b>PGC</b>	<b>21650</b>	<b>Lyn</b>		<b>Galaxy</b>	
	31"	17mmT4	VS,R,NND,R=F		
<b>PGC</b>	<b>22161</b>	<b>Lyn</b>		<b>Galaxy D</b>	
	31"	17mmT4	VF,VS,OVAL,PATCH,NND,AV,R=F		
<b>PGC</b>	<b>22172</b>	<b>Lyn</b>		<b>Galaxy S</b>	
	31"	17mmT4	VF,VS,EL,EON,NND,R=F		
<b>PGC</b>	<b>22175</b>	<b>Lyn</b>		<b>Galaxy S pec</b>	
	31"	17mmT4	MB,ML,EL,OVAL,UB,R=G		

## Observations Listing by Date

**December 15, 2004 Hidden Hollow - RAS**

<b>IC</b>	<b>446</b>	<b>Mon</b>	<b>Nebula bipolar</b>	
	8"	11mmT6	F,PATCH,R-F	
<b>J</b>	<b>320</b>	<b>Ori</b>	<b>Planetary Neb 2+4</b>	
	8"	7.5mmW	VF,R=F	
<b>MEL</b>	<b>25</b>	<b>Tau</b>	<b>Open Cluster</b>	
	8"	11mmT6	BRIGHT SCATTERED STARS	
<b>NGC</b>	<b>1653</b>	<b>Eri</b>	<b>H526-2 Galaxy E+:</b>	<b>F,CS,R,LBM</b>
	8"	11mmT6	MF,R,NND,AV,R=F	
<b>NGC</b>	<b>1667</b>	<b>Eri</b>	<b>Galaxy SBc</b>	<b>PF,PS,R,(R)</b>
	8"	11mmT6	VF,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>1684</b>	<b>Ori</b>	<b>H528-2 Galaxy E+ pec:</b>	<b>PF,PS,R,BM,*9SF</b>
	8"	11mmT6	VF,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>1726</b>	<b>Eri</b>	<b>Galaxy SA(s)0^:</b>	<b>F,R,*13,S</b>
	8"	11mmT6	MF,OVAL,FNUC,R=G	
<b>NGC</b>	<b>1746</b>	<b>Tau</b>	<b>Open Cluster 8.0 III 2 p</b>	<b>CL,P</b>
	8"	11mmT6	R,MSB,R=G	
<b>NGC</b>	<b>1750</b>	<b>Tau</b>	<b>H43-8 Open Cluster OCL</b>	<b>CL,ST L,VCSC</b>
	8"	11mmT6	R,MSB,R=G	
<b>NGC</b>	<b>1807</b>	<b>Tau</b>	<b>Open Cluster 9.0 II 2 p</b>	<b>CL,PRI,ST L\$\$</b>
	8"	11mmT6	SMALL, FEWER STARS R=F	
<b>NGC</b>	<b>1817</b>	<b>Tau</b>	<b>H4-7 Open Cluster 9.0 IV 2 r</b>	<b>CL,L,RI,LC,ST11...14</b>
	8"	11mmT6	SMALL, MANY STARS R=G	
<b>NGC</b>	<b>2129</b>	<b>Gem</b>	<b>H26-8 Open Cluster 10.0 I 3 m</b>	<b>CL,PL,40OR50ST8...15</b>
	8"	11mmT6	R, R=G	
<b>NGC</b>	<b>2339</b>	<b>Gem</b>	<b>H769-2 Galaxy SAB(rs)bc</b>	<b>PB,PL,R,GLBM</b>
	8"	11mmT6	VF,OVAL,NND,AV,R=F	

## Observations Listing by Date

## December 4, 2004 Hidden Hollow - RAS

NGC	772	Ari	H112-1	Galaxy SA(s)b	B,CL,R,GBM,R
	8"	11mmT6	MB,EL,OVAL,NND,MSB,R=G		
NGC	1514	Tau	H69-4	Planetary Neb 3+2	*9IN NEB3'DIAM
	8"	11mmT6	VB,HISB,R=G		
NGC	1587	Tau	H8-2	Galaxy E pec	F,PS,R,R,P OF D NEB
	8"	11mmT6	VF,OVAL,NND,AV,R=F		
NGC	1589	Tau	H7-2	Galaxy Sab sp	F,PL,LE132,*80"NP
	8"	11mmT6	VF,EL,EON,AV,R=F		
NGC	1647	Tau	H8-8	Open Cluster 9.0 II 2 r	CL,VL,ST L,SC
	8"	11mmT6	R,R=F, SCATTERED STARS		
NGC	1682	Ori	H527-2	Galaxy E/S0	VF,VS,1684F12S,*9S4'
	8"	11mmT6	VF,R,NND,AV,R=F		
NGC	1684	Ori	H528-2	Galaxy E+ pec:	PF,PS,R,BM,*9SF
	8"	11mmT6	VF,OVAL,NND,AV,R=G		
NGC	1700	Eri	H32-4	Galaxy E4	CB,S,MBM*
	8"	11mmT6	MB,EL,FNUC,MSB,R=G		
NGC	1721	Eri		Galaxy (R')SAB(s)0^ p	VF,VS,R
	8"	11mmT6	VF,OVAL,NND,AV,R=F		
NGC	1723	Eri		Galaxy SB(r)a pec	F,BET2*9,10N\$\$,3RD*F
	8"	11mmT6	MB,OVAL,FNUC,MSB,R=G		
NGC	1725	Eri		Galaxy E/S0	EF,VS,R
	8"	11mmT6	VF,OVAL,NND,AV,R=F		
NGC	1728	Eri		Galaxy Sa pec sp	VF,VS,R
	8"	11mmT6	VF,EON,NND,AV,R=F		
NGC	1964	Lep	H21-4	Galaxy SAB(s)b	F,VS,R,VSVMBM,3*INV
	8"	11mmT6	MB,EL,FNUC,MSB,R=G		
NGC	2158	Gem	H17-6	Open Cluster 15.0 II 3 r	CL,PS,MC,VRI,IRRTRI
	8"	11mmT6	OVAL,R=F		
NGC	2371	Gem	H316-2	Planetary Neb 3a+2	B,S,R,BMN,P OF DNEB
	8"	7.5mmW	MF,OVAL,R=G		
NGC	2392	Gem	H45-4	Planetary Neb 3b+3b	B,S,R,*9M,*8NF100"
	8"	7.5mmW	VB,R,HISB,R=E!!!		
NGC	2419	Lyn	H218-1	Globular	PB,PL,LE90,VGBM,*4'F
	8"	7.5mmW	OVAL,R=G		
NGC	2537	Lyn	H55-4	Galaxy SB(s)m pec	GCL,PB,PL,R,RRR,ST20
	8"	7.5mmW	MF,R,NND,AV,R=F		
PGC	20274	Mon		Galaxy IAB(s)m	
	8"	11mmT6	VF,OVAL,NND,AV,R=G		

## Observations Listing by Date

**December 1, 2004 Hidden Hollow - RAS**

<b>NGC 404</b> 31"	<b>And</b> 11mmT6	<b>H224-2</b> MB,OVAL,FNUC,MSB,R=G,	<b>Galaxy SA(s)0-:</b> SOLO EFFORT	<b>PB,CL,R,GBM,</b>
<b>NGC 529</b> 31"	<b>And</b> 11mmT6		<b>Galaxy S0-:</b> MB,EL,FNUC,MSB,R=G, SOLO EFFORT	<b>PB,VS,SBM,P OF 2</b>
<b>NGC 531</b> 31"	<b>And</b> 11mmT6		<b>Galaxy SB0/a:</b> MB,EL,PATCH,NND,R=G, SOLO EFFORT	<b>F,S,R</b>
<b>NGC 536</b> 31"	<b>And</b> 11mmT6	<b>H171-3</b> MB,OVAL,FNUC,MSB,R=G,	<b>Galaxy SB(r)b</b> SOLO EFFORT	<b>PB,PL,GBM,F OF 2</b>
<b>NGC 650</b> 31"	<b>Per</b> 11mmT6	<b>M76 H193-1</b> VB,HISB,R=E,	<b>Planetary Neb 3+6</b> SOLO EFFORT	<b>VB,P OF DNEB</b>

## Observations Listing by Date

**November 9, 2004 Hidden Hollow - RAS**

<b>IC</b>	<b>284</b>	<b>Per</b>	<b>Galaxy SAdm</b>	
	8"	7.5mmW	VF,EL,OVAL,NND,AV,R=F	
<b>IC</b>	<b>348</b>	<b>Per</b>	<b>Open Cluster 10.0 III 2 p n</b>	
	8"	11mmT6	LOOSE GROUP - NOT MANY STARS	
<b>IC</b>	<b>1727</b>	<b>Tri</b>	<b>Galaxy SB(s)m</b>	
	8"	11mmT6	VF,EL,NND,AV,R=F	
<b>NGC</b>	<b>672</b>	<b>Tri</b>	<b>H157-1 Galaxy SB(s)cd</b>	<b>F,PL,ME80</b>
	8"	11mmT6	VF,EL,NND,AV,R=F	
<b>NGC</b>	<b>736</b>	<b>Tri</b>	<b>H221-2 Galaxy E+:</b>	<b>PB,R,BM</b>
	8"	11mmT6	VF,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>750</b>	<b>Tri</b>	<b>H222-2 Galaxy E pec</b>	<b>CB,PL,R,DW/751,25"</b>
	8"	11mmT6	VF,EL,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>751</b>	<b>Tri</b>	<b>Galaxy E pec</b>	<b>PF,ES,R,BM,DW/750</b>
	8"	11mmT6	VF,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>777</b>	<b>Tri</b>	<b>H223-2 Galaxy E1</b>	<b>PB,PL,R,GLBM</b>
	8"	11mmT6	VF,OVAL,NND,MSB,R=G	
<b>NGC</b>	<b>783</b>	<b>Tri</b>	<b>Galaxy Sc</b>	<b>EF,S,IR,VF ST ATT</b>
	8"	11mmT6	VF,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>784</b>	<b>Tri</b>	<b>Galaxy SBdm: sp</b>	<b>VF,L,E,(DOUBLE)</b>
	8"	11mmT6	VF,ELEON,NND,AV,R=F	
<b>NGC</b>	<b>785</b>	<b>Tri</b>	<b>Galaxy S0-:</b>	<b>EF,ES,VF*ATT</b>
	8"	11mmT6	VF,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>855</b>	<b>Tri</b>	<b>H613-2 Galaxy E</b>	<b>F,S,LE90,BM</b>
	8"	11mmT6	VF,EL,EON,NND,AV,R=F	
<b>NGC</b>	<b>890</b>	<b>Tri</b>	<b>H225-2 Galaxy SAB(r)0-?</b>	<b>B,S,R,BM,3F*SP</b>
	8"	11mmT6	MF,EL,OVAL,NND,MSB,R=G	
<b>NGC</b>	<b>949</b>	<b>Tri</b>	<b>H154-1 Galaxy SA(rs)b:?</b>	<b>CB,L,E,VGBM</b>
	8"	11mmT6	VF,OVAL,NND,MSB,R=G	
<b>NGC</b>	<b>959</b>	<b>Tri</b>	<b>Galaxy Sdm:</b>	<b>EF,PL,LE,LBM</b>
	8"	11mmT6	MF,EL,OVAL,FNUC,MSB,R=G	
<b>NGC</b>	<b>1003</b>	<b>Per</b>	<b>H238-2 Galaxy SA(s)cd</b>	<b>PF,L,E90,MBM,R</b>
	8"	7.5mmW	VF,EL,EON,NND,AV,R=G	
<b>NGC</b>	<b>1058</b>	<b>Per</b>	<b>H633-2 Galaxy SA(rs)c</b>	<b>PF,CL,R,GLBM</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F	
<b>NGC</b>	<b>1129</b>	<b>Per</b>	<b>H602-2 Galaxy E</b>	<b>CF,PS,IR,VGLBM, F*SP</b>
	8"	7.5mmW	VF,EL,NND,AV,RF=F	
<b>NGC</b>	<b>1161</b>	<b>Per</b>	<b>H239-2 Galaxy S0</b>	<b>F,PS,LE,SBM</b>
	8"	7.5mmW	MB,EL,EON,FNUC,MSB,R=G	



## Observations Listing by Date

**November 9, 2004 Hidden Hollow - RAS**

<b>NGC</b>	<b>1169</b>	<b>Per</b>	<b>H620-2</b>	<b>Galaxy SAB(r)b</b>	<b>PF,PS,IF,SBM</b>
	8"	7.5mmW	VF,EL,EON,NND,AV,R=F		
<b>NGC</b>	<b>1245</b>	<b>Per</b>	<b>H25-6</b>	<b>Open Cluster 12.0 II 2 r</b>	<b>CL,PL,RI,C,IR,*12.15</b>
	8"	7.5mmW	MANY STARS - FAINT		
<b>NGC</b>	<b>1272</b>	<b>Per</b>		<b>Galaxy E+</b>	<b>F,S,R</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>1275</b>	<b>Per</b>	<b>H603-2</b>	<b>Galaxy Pec</b>	<b>F,S</b>
	8"	7.5mmW	VF,EL,NND,AV,R=F		
<b>NGC</b>	<b>7293</b>	<b>Aqr</b>		<b>Planetary Neb 4+3</b>	<b>PF,VLE OR BIN</b>
	8"	11mmT6	NICE - ALMOST ROUND PATCH! LARGE.		
<b>NGC</b>	<b>7377</b>	<b>Aqr</b>	<b>H598-2</b>	<b>Galaxy SA(s)0+</b>	<b>PB,S,VLE,VGMBM,*12P</b>
	8"	11mmT6	VF,EL,EON,NND,AV,R=F		
<b>NGC</b>	<b>7721</b>	<b>Aqr</b>	<b>H432-2</b>	<b>Galaxy SA(s)c</b>	<b>PF,CL,E12,VGBM</b>
	8"	11mmT6	VF,EL,EON,NND,AV,R=F		

**November 6, 2004 Hidden Hollow - RAS**

<b>NGC</b>	<b>1684</b>	<b>Ori</b>	<b>H528-2</b>	<b>Galaxy E+ pec:</b>	<b>PF,PS,R,BM,*9SF</b>
	8"	11mmT6	VF,EL,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>2169</b>	<b>Ori</b>	<b>H24-8</b>	<b>Open Cluster 6.9 III 3 m</b>	<b>CL,S,LRI,PMC,**</b>
	8"	11mmT6	NICE SHAPE		
<b>NGC</b>	<b>2392</b>	<b>Gem</b>	<b>H45-4</b>	<b>Planetary Neb 3b+3b</b>	<b>B,S,R,*9M,*8NF100"</b>
	8"	11mmT6	NOT A BAD PLANETARY		

## Observations Listing by Date

**November 3, 2004 Hidden Hollow - RAS**

NGC	136	Cas	H35-6	Open Cluster 13.0 II 1 p	GCL,VF,S,EC
	8"	11mmT6			
NGC	157	Cet	H3-2	Galaxy SAB(rs)bc	PB,L,E,BET2CB*
	8"	11mmT6	MB,EL,NND,MSB,R=G		
NGC	214	And	H209-2	Galaxy SAB(r)c	PF,PS,GVLBM,R
	8"	11mmT6	VF,EL,NND,AV,R=F		
NGC	529	And		Galaxy S0-:	PB,VS,SBM,P OF 2
	8"	11mmT6	VF,OVAL,NND,AV,R=F		
NGC	536	And	H171-3	Galaxy SB(r)b	PB,PL,GBM,F OF 2
	8"	11mmT6	VF,EL,NND,AV,R=F		
NGC	772	Ari	H112-1	Galaxy SA(s)b	B,CL,R,GBM,R
	8"	11mmT6	MF,EL,OVAL,NND,R=F		
NGC	1027	Cas	H66-8	Open Cluster 9.0 II 3 m n	CL,L,SC ST,ONE10M
	8"	11mmT6			
NGC	1931	Aur	H261-1	Open Cluster I 3 p n	VB,L,R,B***IN M
	8"	7.5mmW	NICE CLUSTER		
NGC	1961	Cam	H747-3	Galaxy SAB(rs)c	CF,PL,IF,MBM,ER,*INV
	8"	11mmT6	VF,EL,OVAL,NND,AV,R=F		
NGC	6946	Cep	H76-4	Galaxy SAB(rs)cd	VF,VL,VG,VSBM,RR
	8"	11mmT6	MB,OVAL,NND,MSB,R=G		
NGC	7142	Cep	H66-7	Open Cluster 11.0 I 2 r	CL,CL,CRI,PC,*11..14
	8"	11mmT6			

**October 31, 2004 Home**

NGC	598	Tri	M33	H17-5	Galaxy SA(s)cd	EB,EL,R,VGBMN	6
	1.9"	12x50	VB,ML,EON,LSB,R=G				
NGC	869	Per		H33-6	Open Cluster 6.6 I 3 r	CL,VVL,VRI,*7...14	
	1.9"	12x50	VERY NICE IN BINOCULARS				
NGC	884	Per		H34-6	Open Cluster 6.4 I 3 r	CL,VL,VRI,RUBY*M	
	1.9"	12x50	VERY NICE IN BINOCULARS				
NGC	6205	Her	M13		Globular	GCL,EB,VRI,VGECM,*11	
	1.9"	12x50	BEST GLOBULAR YET, R=VG				
NGC	6341	Her	M92		Globular	GCL,VB,VL,ECM,ST S	
	1.9"	12x50	R=G				
NGC	7078	Peg	M15		Globular	GCL,VB,VL,IR,VSMBM	
	1.9"	12x50	R=G				
NGC	7089	Aqr	M2		Globular	GCL,B,VL,GPMBM,RRR	
	1.9"	12x50	R=F				

## Observations Listing by Date

**October 27, 2004 Hidden Hollow - RAS**

<b>NGC 205</b> 31"	<b>And</b> 31mmT5	<b>M110 H18-5</b> VB,ML,OVALL,HISB,R=E, LUNAR ECLIPSE	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
<b>NGC 221</b> 31"	<b>And</b> 31mmT5	<b>M32</b> VB,ML,EL,HISB,R=E, LUNAR ECLIPSE	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
<b>NGC 224</b> 31"	<b>And</b> 31mmT5	<b>M31</b> VB,EL,EL,OVAL,HISB,R=E, LUNAR ECLIPSE	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
<b>NGC 224</b> 1.9"	<b>And</b> 12x50	<b>M31</b> FIRST MESSIER IN BINOCULARS - VERY NICE	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
<b>NGC 598</b> 31"	<b>Tri</b> 31mmT5	<b>M33 H17-5</b> VB,ML,OVAL,HISB,R=E, LUNAR ECLIPSE	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
<b>NGC 891</b> 31"	<b>And</b> 31mmT5	<b>H19-5</b> VB,ML,EON,HISB,R=E, LUNAR ECLIPSE	<b>Galaxy SA(s)b? sp</b>	<b>B,VL,VME22</b>

## Observations Listing by Date

**October 17, 2004 Hidden Hollow - RAS**

<b>IC</b>	<b>65</b>	<b>And</b>		<b>Galaxy SAB(s)bc</b>	
	8"	7.5mmW	MF,EL,EON,NND,AV,R=G		
<b>NGC</b>	<b>13</b>	<b>And</b>	<b>H866-3</b>	<b>Galaxy (R)Sab:</b>	<b>VF,VS,S ST+NEB</b>
	8"	7.5mmW	MF,EL,EON,NND,AV,R=G		
<b>NGC</b>	<b>80</b>	<b>And</b>		<b>Galaxy SA0-:</b>	<b>F,S,R,PSBM</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>83</b>	<b>And</b>		<b>Galaxy E</b>	<b>E,BIN,3B*NR</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>108</b>	<b>And</b>	<b>H148-3</b>	<b>Galaxy (R)SB(r)0+</b>	<b>PF,PL,R,PSLBM</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>160</b>	<b>And</b>	<b>H476-3</b>	<b>Galaxy (R)SA0+ pec</b>	<b>VF,VS,STELL,*8NP4'</b>
	8"	7.5mmW	VF,EL,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>169</b>	<b>And</b>		<b>Galaxy SA(s)ab: sp</b>	<b>F,PL,D ORBIN,*6NF4'</b>
	8"	7.5mmW	VF,EL,NND,AV,R=F		
<b>NGC</b>	<b>183</b>	<b>And</b>		<b>Galaxy E</b>	<b>PF,VS,R,GBM</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>529</b>	<b>And</b>		<b>Galaxy S0-:</b>	<b>PB,VS,SBM,P OF 2</b>
	8"	7.5mmW	MF,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>536</b>	<b>And</b>	<b>H171-3</b>	<b>Galaxy SB(r)b</b>	<b>PB,PL,GBM,F OF 2</b>
	8"	7.5mmW	VF,EL,NND,AV,R=F		
<b>NGC</b>	<b>797</b>	<b>And</b>	<b>H566-3</b>	<b>Galaxy SAB(s)a</b>	<b>VF,S,IR,SBM,*NR</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>812</b>	<b>And</b>		<b>Galaxy S pec</b>	<b>EF,PL,E45,BM</b>
	8"	7.5mmW	MF,EL,NND,AV,R=F		
<b>NGC</b>	<b>6030</b>	<b>Her</b>		<b>Galaxy S0^</b>	<b>PF,VS,R,BM</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F,VSMALL, 14.5MG		
<b>NGC</b>	<b>6060</b>	<b>Her</b>		<b>Galaxy SAB(rs)c</b>	<b>EF,E,SBM</b>
	8"	7.5mmW	MF,OVAL,FNUC,R=G, 14.3 MAG!		
<b>NGC</b>	<b>6106</b>	<b>Her</b>	<b>H151-2</b>	<b>Galaxy SA(s)c</b>	<b>F,PL,LE,VGBM,R</b>
	8"	7.5mmW	VF,EL,NND,AV,R=F		
<b>NGC</b>	<b>6146</b>	<b>Her</b>	<b>H638-3</b>	<b>Galaxy E?</b>	<b>CF,VS,R,BM</b>
	8"	7.5mmW	VF,EL,NND,AV,R=F		
<b>NGC</b>	<b>6154</b>	<b>Her</b>	<b>H680-3</b>	<b>Galaxy SB(r)a</b>	<b>VF,S,R,LBM,ER</b>
	8"	7.5mmW	VF,EL,OVAL,NND,AV,R=F		
<b>NGC</b>	<b>6155</b>	<b>Her</b>	<b>H690-2</b>	<b>Galaxy S?</b>	<b>F,PS,IF,GBM</b>
	8"	7.5mmW	VF,EON,NND,AV,R=F		
<b>NGC</b>	<b>6166</b>	<b>Her</b>	<b>H875-2</b>	<b>Galaxy E+2 pec</b>	<b>PF,S,VLE,VGMBM</b>
	8"	7.5mmW	VF,OVAL,NND,AV,R=F		

## Observations Listing by Date

**October 17, 2004 Hidden Hollow - RAS**

<b>NGC 6173</b> 8"	<b>Her</b> 7.5mmW	<b>H640-3</b> VF,EL,FNUC,AV,R=F	<b>Galaxy E</b>	<b>CF,VS,R,BM</b>
<b>NGC 6181</b> 8"	<b>Her</b> 7.5mmW	<b>H753-2</b> VF,EL,NND,AV,R=F	<b>Galaxy SAB(rs)c</b>	<b>PB,PL,VLE,PGMBM</b>
<b>NGC 6255</b> 8"	<b>Her</b> 7.5mmW	<b>H689-3</b> MB,EL,FNUC,R=G	<b>Galaxy SBcd:</b>	<b>EF,CL,E90</b>

**October 10, 2004 Hidden Hollow - RAS**

<b>NGC 753</b> 8"	<b>And</b> 11mmT6	<b>H640-3</b> VF, OVAL,NND,AV,R=F	<b>Galaxy SAB(rs)bc</b>	<b>PB,PL,R,GMBM</b>
<b>NGC 956</b> 8"	<b>And</b> 11mmT6	<b>H640-3</b> SMALL OPEN CLUSTER, FEW STARS	<b>Open Cluster 9.0 IV 2 m</b>	<b>CL,PRI,*9...15</b>
<b>NGC 1023</b> 8"	<b>Per</b> 11mmT6	<b>H156-1</b> MB,EL,RNUC,R=G	<b>Galaxy SB(rs)0-</b>	<b>VB,VL,VME,VVMBM</b>
<b>NGC 1169</b> 8"	<b>Per</b> 11mmT6	<b>H620-2</b> VF,EL,NND,AV,R=F	<b>Galaxy SAB(r)b</b>	<b>PF,PS,IF,SBM</b>
<b>NGC 6939</b> 8"	<b>Cep</b> 11mmT6	<b>H42-6</b> MF,R=F, LARGE O.C. LOTS OF STARS	<b>Open Cluster 11.9 II 1 r</b>	<b>CL,PL,ERI,PCM,*11.16</b>
<b>NGC 6946</b> 8"	<b>Cep</b> 11mmT6	<b>H76-4</b> MF,OVAL,PATCH,NND,R=F	<b>Galaxy SAB(rs)cd</b>	<b>VF,VL,VG,VSBM,RR</b>
<b>NGC 7611</b> 8"	<b>Psc</b> 7.5mmW	<b>H640-3</b> MG,EL,NND,AV,R=F	<b>Galaxy SB0+:</b>	<b>F,S,R,TRIW/2*19N</b>
<b>NGC 7640</b> 8"	<b>And</b> 11mmT6	<b>H600-2</b> DIFF,EON,NND,LSB,R=F	<b>Galaxy SB(s)c</b>	<b>CF,L,ME164,VLBM,R</b>

## Observations Listing by Date

<b>October 6, 2004</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>14</b>	<b>Peg</b>	<b>H591-2</b>	<b>Galaxy (R)IB(s)m pec</b>	<b>VF,PS,R,GLBM</b>
	8"	11mmT6	EF,EL,EON,NND,AV,R=F		
<b>NGC</b>	<b>40</b>	<b>Cep</b>	<b>H58-4</b>	<b>Planetary Neb 3b+3</b>	<b>F,VS,R,VSMBM,*12SP</b>
	8"	7.5mmW	MB,R,R=G		
<b>NGC</b>	<b>57</b>	<b>Psc</b>	<b>H241-2</b>	<b>Galaxy E</b>	<b>F,S,R,SBM</b>
	8"	7.5mmW	F,EL,EON,FNUC,R=F		
<b>NGC</b>	<b>129</b>	<b>Cas</b>	<b>H79-8</b>	<b>Open Cluster 11.0 III 2 m</b>	<b>CL,VL,PR,LC,*9...13</b>
	8"	7.5mmW	OVAL,R=G		
<b>NGC</b>	<b>193</b>	<b>Psc</b>	<b>H595-3</b>	<b>Galaxy SAB(s)0-:</b>	<b>F,L,P OF2,*15CLOSESP</b>
	8"	11mmT6	MF,EL,FNUC,R=F		
<b>NGC</b>	<b>194</b>	<b>Psc</b>	<b>H856-2</b>	<b>Galaxy E</b>	<b>PB,S,R,VGBM</b>
	8"	11mmT6	MF,EL,NND,AV,R=F		
<b>NGC</b>	<b>404</b>	<b>And</b>	<b>H224-2</b>	<b>Galaxy SA(s)0-:</b>	<b>PB,CL,R,GBM,</b>
	8"	7.5mmW	VB,EL,OVAL,FNUC,R=G		
<b>NGC</b>	<b>559</b>	<b>Cas</b>	<b>H48-7</b>	<b>Open Cluster 9.0 I 1 m</b>	<b>CL,B,PL,PRI</b>
	8"	7.5mmW	HISB,R=F		
<b>NGC</b>	<b>628</b>	<b>Psc</b>	<b>M74</b>	<b>Galaxy SA(s)c</b>	<b>GCL,F,VL,R,VG,PSMBM</b>
	8"	11mmT6	F,PL,R,NND,R=G		
<b>NGC</b>	<b>637</b>	<b>Cas</b>	<b>H49-7</b>	<b>Open Cluster 8.0 I 2 m</b>	<b>CL,PS,B\$VF ST</b>
	8"	7.5mmW	R=F, NOT MANY STARS		
<b>NGC</b>	<b>752</b>	<b>And</b>	<b>H32-7</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,VVL,RI,*L\$SC</b>
	8"	7.5mmW	EB,R,UB,R=G		
<b>NGC</b>	<b>891</b>	<b>And</b>	<b>H19-5</b>	<b>Galaxy SA(s)b? sp</b>	<b>B,VL,VME22</b>
	8"	11mmT6	MB,EL,EON,NND,R=G		
<b>NGC</b>	<b>1027</b>	<b>Cas</b>	<b>H66-8</b>	<b>Open Cluster 9.0 II 3 m n</b>	<b>CL,L,SC ST,ONE10M</b>
	8"	7.5mmW	R=F, SCATTERED STARS		
<b>NGC</b>	<b>1501</b>	<b>Cam</b>	<b>H53-4</b>	<b>Planetary Neb 3</b>	<b>PLN,PB,PS,VLE,1'DIAM</b>
	8"	11mmT6	MB,OVAL,HISB,R=G		
<b>NGC</b>	<b>1502</b>	<b>Cam</b>	<b>H47-7</b>	<b>Open Cluster 7.0 I 3 m</b>	<b>CL,PRI,CC,IF</b>
	8"	11mmT6	OVAL,HISB,R=E		
<b>NGC</b>	<b>2403</b>	<b>Cam</b>	<b>H44-5</b>	<b>Galaxy Sc</b>	<b>CB,EL,VME,VGMBMN</b>
	8"	11mmT6	MB,EL,OVAL,NND,R=G		
<b>NGC</b>	<b>2655</b>	<b>Cam</b>	<b>H288-1</b>	<b>Galaxy SAB(s)0/a</b>	<b>VB,CL,LE90,GSVMBM</b>
	8"	7.5mmW	MB,EL,EON,FNUC,R=G		
<b>NGC</b>	<b>6781</b>	<b>Aql</b>	<b>H743-3</b>	<b>Planetary Neb 3+3</b>	<b>PLN,F,L,R,VSBM DISC</b>
	8"	11mmT6	MB,OVAL,HISB,R=G		
<b>NGC</b>	<b>6939</b>	<b>Cep</b>	<b>H42-6</b>	<b>Open Cluster 11.9 II 1 r</b>	<b>CL,PL,ERI,PCM,*11.16</b>
	8"	7.5mmW	MF,R=F		

## Observations Listing by Date

**October 6, 2004 Hidden Hollow - RAS**

<b>NGC 6981</b> 8"	<b>Aqr</b> 11mmT6	<b>M72</b> PB,L,R=G,TIGHT GROUP	<b>Globular</b>	<b>GCL,PB,PL,R,GMCM,RRR</b>
<b>NGC 7042</b> 8"	<b>Peg</b> 7.5mmW	<b>H209-3</b> VF,OVAL,FNUC,R=G	<b>Galaxy Sb</b>	<b>VF,S,R</b>
<b>NGC 7137</b> 8"	<b>Peg</b> 7.5mmW	<b>H261-2</b> VF,OVAL,NND,AV,R=F	<b>Galaxy SAB(rs)c</b>	<b>F,PS,R,VGLBM,R</b>
<b>NGC 7317</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy E4</b> MB,EL,OVAL,FNUC,R=G		<b>VF,VS</b>
<b>NGC 7318B</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SB(s)bc pec</b> MB,EL,OVAL,FNUC,R=G		<b>EF,ES</b>
<b>NGC 7318A</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy E2 pec</b> MB,EL,OVAL,FNUC,R=G		<b>EF,ES</b>
<b>NGC 7319</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SB(s)bc pec</b> MB,EL,OVAL,FNUC,R=G		<b>EF,ES</b>
<b>NGC 7320</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy SA(s)d</b> MB,EL,OVAL,NND,R=G		<b>F,VS</b>
<b>NGC 7320C</b> 31"	<b>Peg</b> 17mmT4	<b>Galaxy (R)SAB(s)0/a</b> MF,OVAL,NND,AV,R=F		
<b>NGC 7497</b> 8"	<b>Peg</b> 7.5mmW	<b>H203-3</b> VF,EON,NND,AV,R=F	<b>Galaxy SB(s)d</b>	<b>VF,L,PME45,LBM</b>
<b>NGC 7606</b> 8"	<b>Aqr</b> 11mmT6	<b>H104-1</b> MB,EL,EON,NND,R=G	<b>Galaxy SA(s)b</b>	<b>PF,CL,PME0</b>
<b>NGC 7686</b> 8"	<b>And</b> 11mmT6	<b>H69-8</b> EB,OVAL,HISB,R=G	<b>Open Cluster 7.0 III 2 p</b>	<b>CL,P,LC,*7...11</b>
<b>NGC 7723</b> 8"	<b>Aqr</b> 11mmT6	<b>H110-1</b> MB,OVAL,NND,R=G	<b>Galaxy SB(r)b</b>	<b>CB,CL,E,GMBM,R</b>
<b>NGC 7727</b> 8"	<b>Aqr</b> 11mmT6	<b>H111-1</b> MB,OVAL,FNUC,R=G	<b>Galaxy SAB(s)a pec</b>	<b>PB,PL,IR,MBM</b>

**September 23, 2004 Home**

<b>MCG +1-14-37</b> 8"	<b>Ori</b> 7.5mmW	<b>Galaxy</b> B,OVAL,FNUC,R=G		
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## Observations Listing by Date

**September 19, 2004 Hidden Hollow - RAS**

<b>IC</b>	<b>5078</b>	<b>Cap</b>		<b>Galaxy SA(s)c:</b>	
	8"	7.5mmW	VF,NND,AV,R=F		
<b>NGC</b>	<b>436</b>	<b>Cas</b>	<b>H45-7</b>	<b>Open Cluster 10.0 I 2 m</b>	<b>CL,S,IF,PC</b>
	8"	7.5mmW	TYPICAL CLUSTER		
<b>NGC</b>	<b>6903</b>	<b>Cap</b>		<b>Galaxy SAB0- pec:</b>	<b>CL,E,BM*17,*10ATT N</b>
	8"	7.5mmW	B,EL,FNUC,R=G		
<b>NGC</b>	<b>6907</b>	<b>Cap</b>	<b>H141-3</b>	<b>Galaxy SBbc</b>	<b>CF,CL,VLE,VGLBM,3STP</b>
	8"	7.5mmW	VF,PATCH,,NND,AV,R=F		
<b>NGC</b>	<b>7241</b>	<b>Peg</b>		<b>Galaxy SB(s)bc? pec</b>	<b>PF,LE,*10ATT S</b>
	8"	7.5mmW	VF,EL,NND,AV,R=F	MAG.=13.8	
<b>NGC</b>	<b>7457</b>	<b>Peg</b>	<b>H212-2</b>	<b>Galaxy SA(rs)0-?</b>	<b>CB,CL,LE,GMBM,R,2S*N</b>
	8"	7.5mmW	F,EL,UB,NND,R=G		
<b>NGC</b>	<b>7469</b>	<b>Peg</b>	<b>H230-3</b>	<b>Galaxy (R')SAB(rs)a</b>	<b>VF,VS,VSMBM *12</b>
	8"	7.5mmW	B,OVAL,NUC,R=G		
<b>NGC</b>	<b>7479</b>	<b>Peg</b>	<b>H55-1</b>	<b>Galaxy SB(s)c</b>	<b>PB,CL,ME12,BET2ST</b>
	8"	7.5mmW	VF,EL,NND,R=F		
<b>NGC</b>	<b>7497</b>	<b>Peg</b>	<b>H203-3</b>	<b>Galaxy SB(s)d</b>	<b>VF,L,PME45,LBM</b>
	8"	7.5mmW	VF,PATCH,NND,AV,R=F	MAG=13.3	
<b>NGC</b>	<b>7742</b>	<b>Peg</b>	<b>H255-2</b>	<b>Galaxy SA(r)b</b>	<b>CB,CS,GMBM,*12F72"</b>
	8"	7.5mmW	B,EL,OVAL,NND,R=G		
<b>NGC</b>	<b>7743</b>	<b>Peg</b>	<b>H256-2</b>	<b>Galaxy (R)SB(s)0+</b>	<b>PF,S,R,*14SF</b>
	8"	7.5mmW	F,EL,OVAL,NND,R=G		



## Observations Listing by Date

## September 15, 2004 Hidden Hollow - RAS

NGC	23	Peg	H147-3	Galaxy SB(s)a	3S*+NEB
	8"	7.5mmW	EF,OVAL,PATCH,NND,AV,R=F		
NGC	26	Peg		Galaxy SA(rs)ab	VF,PL,R,2F*N
	8"	7.5mmW	EF,PATCH,NND,AV,R=F, MAG=13.9		
NGC	225	Cas	H78-8	Open Cluster 9.3 III 1 p n	CL,L,LC,*9...10
	8"	11mmT6	LIGHT CLOUDS IN & OUT		
NGC	281	Cas		Nebula E	F,VL,DIF,STRIP*NP
	8"	11mmT6	NEBULA NOT SEEN!		
NGC	381	Cas	H64-8	Open Cluster 10.0 III 1 m	CL,PC
	8"	11mmT6	LIGHT CLOUDS IN & OUT		
NGC	654	Cas	H46-7	Open Cluster 10.0 II 2 r	CL,IF,RI,1*6.7,
	8"	11mmT6	FEWER STARS		
NGC	659	Cas	H65-8	Open Cluster 10.0 I 2 m	CL,LRI,ST B
	8"	11mmT6	SMALLEST OF THREE IN GROUP		
NGC	663	Cas	H31-6	Open Cluster 9.0 II 3 r	CL,B,L,ERI,ST PL
	8"	11mmT6	NICE - LOTS OF STARS		
NGC	4756	Crv	H281-3	Galaxy SAB(s)0^?	VF,PS,RESOLVABLE
	8"	7.5mmW	EF,PATCH,NND,AV,R=F, MAG=13.0		
NGC	7217	Peg	H207-2	Galaxy (R)SA(r)ab	B,PL,GBM,ER
	8"	7.5mmW	F.NND.AV.R=F		
NGC	7320	Peg		Galaxy SA(s)d	F,VS
	8"	7.5mmW	B,EL,FNUC,HISB,R=G		
NGC	7339	Peg	H234-2	Galaxy SAB(s)bc:?	F,PS,ME89,VGLBM,FOF2
	8"	7.5mmW	F,PATCH,NND,AV,R=F		
NGC	7788	Cas		Open Cluster I 2 p	CL,S,PRI,VC,*10,13..
	8"	11mmT6	LIGHT CLOUDS IN & OUT		
NGC	7790	Cas	H56-7	Open Cluster 10.0 II 2 m	CL,PRI,PC
	8"	11mmT6	LIGHT CLOUDS IN & OUT		
NGC	7817	Peg	H227-2	Galaxy SAbc: sp	PF,CL,ME45,LBM
	8"	7.5mmW	EF,OVAL,PATCH,NND,AV,R=F		

## Observations Listing by Date

**September 12, 2004 Hidden Hollow - RAS**

<b>NGC 6207</b> 8"	<b>Her</b> 11mmT6	<b>H701-2</b> F,S,EL,NND,AV,F	<b>Galaxy SA(s)c</b>	<b>PB,PL,E45,VGMBM</b>
<b>NGC 7339</b> 8"	<b>Peg</b> 11mmT6	<b>H234-2</b> B,S,EL,OVAL,FNUC,HISB,G	<b>Galaxy SAB(s)bc:?</b>	<b>F,PS,ME89,VGLBM,FOF2</b>
<b>NGC 7448</b> 8"	<b>Peg</b> 11mmT6	<b>H251-2</b> F,EL,OVAL,NND,AV,F	<b>Galaxy SA(rs)bc</b>	<b>PB,L,E173,VGBM,*F2'</b>
<b>NGC 7720</b> 8"	<b>Peg</b> 11mmT6	<b>H146-3</b> F,EL,OVAL,NND,AV,F	<b>Galaxy E+ pec:</b> 13.9 (P) MAG.	<b>F,S,LE,BM,AM ST</b>
<b>NGC 7741</b> 8"	<b>Peg</b> 11mmT6	<b>H208-2</b> B,S,EL,OVAL,FNUC,HISB,G	<b>Galaxy SB(s)cd</b>	<b>CF,CL,IR,D*10,12NP2'</b>
<b>NGC 7768</b> 8"	<b>Peg</b> 11mmT6	<b>Galaxy E</b> F,EL,OVAL,NND,AV,F	14.0 (P) MAG.	<b>VF,S,E,*INV,*P VNR</b>

**September 4, 2004 Hidden Hollow - RAS**

<b>NGC 6822</b> 8"	<b>Sgr</b> 11mmT6	<b>Galaxy IB(s)m</b> VF,L,OVAL,NND,R=F		<b>VF,L,E,DIF</b>
<b>NGC 6826</b> 8"	<b>Cyg</b> 11mmT6	<b>H73-4</b> FAINT	<b>Planetary Neb 3a+2</b>	<b>PLN,B,PL,R,*11M</b>

**August 23, 2004 Home**

<b>NGC 6997</b> 8"	<b>Cyg</b> 11mmT6	<b>H58-8</b> DAMP - SEEING NOT TOO BAD.	<b>Open Cluster III 2 m n</b>	<b>CL,P,LC,ST L</b>
<b>NGC 7160</b> 8"	<b>Cep</b> 11mmT6	<b>H67-8</b> DAMP - SEEING NOT TOO BAD.	<b>Open Cluster 7.0 I 3 p</b>	<b>CL,P,VLC</b>
<b>NGC 7242</b> 8"	<b>Lac</b> 11mmT6	<b>Galaxy E+:</b> VS,VF		<b>VF,S,LBM,F OF 2</b>
<b>NGC 7662</b> 8"	<b>And</b> 9mm	<b>H18-4</b> SMALL,FAINT. LOOK @ AGAIN LATER!	<b>Planetary Neb 4+3</b>	<b>PLN ORRING,VB,PS,R</b>

## Observations Listing by Date

**August 21, 2004 Hidden Hollow - RAS**

<b>IC</b>	<b>10</b>	<b>Cas</b>	<b>Galaxy IBm</b>	
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>IC</b>	<b>2574</b>	<b>UMa</b>	<b>Galaxy SAB(s)m</b>	
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>147</b>	<b>Cas</b>	<b>Galaxy E5 pec</b>	<b>VF,VL,IR,GSMBM*11</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>185</b>	<b>Cas</b>	<b>H707-2 Galaxy E3 pec</b>	<b>PB,VL,IR,VGMBM,R</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>278</b>	<b>Cas</b>	<b>H159-1 Galaxy SAB(rs)b</b>	<b>CB,PL,R,2*10NR</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>488</b>	<b>Psc</b>	<b>H252-3 Galaxy SA(r)b</b>	<b>PB,L,R,SVMBM,*8F10'</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>524</b>	<b>Psc</b>	<b>H151-1 Galaxy SA(rs)0+</b>	<b>VB,PL,MBM,4S*NR</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>722</b>	<b>Ari</b>	<b>Galaxy S?</b>	<b>VF,VS,R,BETA ARI N</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>925</b>	<b>Tri</b>	<b>H177-3 Galaxy SAB(s)d</b>	<b>CF,CL,E,VGBM,2*13NP</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>2300</b>	<b>Cep</b>	<b>Galaxy SA0^</b>	<b>PB,PL,LE,BM</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>6951</b>	<b>Cep</b>	<b>Non-Existent</b>	<b>PB,PL,LE</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>7184</b>	<b>Aqr</b>	<b>H1-2 Galaxy SB(r)c</b>	<b>PB,PL,ME64,BET3*,ER</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>7332</b>	<b>Peg</b>	<b>H233-2 Galaxy S0 pec sp</b>	<b>CB,S,ME156,SMBMN,P-2</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>7380</b>	<b>Cep</b>	<b>H77-8 Open Cluster 10.0 III 2 m n</b>	<b>CL,PL,PRI,LC,*9...13</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>7448</b>	<b>Peg</b>	<b>H251-2 Galaxy SA(rs)bc</b>	<b>PB,L,E173,VGBM,*F2'</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>7454</b>	<b>Peg</b>	<b>H249-2 Galaxy E4</b>	<b>F,CS,LE,LBM,*11P1'</b>
	8"	11mmT6	****13.6 PHOTO MAGNITUDE****	
<b>NGC</b>	<b>7600</b>	<b>Aqr</b>	<b>H431-2 Galaxy S0- sp</b>	<b>CF,S,R,PSMBM</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>7619</b>	<b>Peg</b>	<b>H439-2 Galaxy E</b>	<b>CB,PS,R,PSBM</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	
<b>NGC</b>	<b>7626</b>	<b>Peg</b>	<b>H440-2 Galaxy E pec:</b>	<b>CB,PS,R,PSBM</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST	

## Observations Listing by Date

**August 21, 2004 Hidden Hollow - RAS**

<b>NGC</b>	<b>7635</b>	<b>Cas</b>	<b>H52-4</b>	<b>Nebula E</b>	<b>VF,*8INV L EXCENTRIC</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST		
<b>NGC</b>	<b>7741</b>	<b>Peg</b>	<b>H208-2</b>	<b>Galaxy SB(s)cd</b>	<b>CF,CL,IR,D*10,12NP2'</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST		
<b>NGC</b>	<b>7789</b>	<b>Cas</b>	<b>H30-6</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,VL,VRI,VMC,*11.18</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST		
<b>NGC</b>	<b>7814</b>	<b>Peg</b>	<b>H240-2</b>	<b>Galaxy SA(s)ab: sp</b>	<b>CB,CL,E,VGBM</b>
	8"	11mmT6	CLEAR SKIES - H.H. LITE. 1ST REAL TEST		

**August 14, 2004 Hidden Hollow - RAS**

<b>NGC</b>	<b>5272</b>	<b>CVn</b>	<b>M3</b>	<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>
	8"	11mmT6	LARGER THAN I THOUGHT		
<b>NGC</b>	<b>6121</b>	<b>Sco</b>	<b>M4</b>	<b>Globular</b>	<b>CL,8OR10B*LINE,RRR</b>
	8"	11mmT6			
<b>NGC</b>	<b>6205</b>	<b>Her</b>	<b>M13</b>	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
	8"	11mmT6	CAN SEPARATE THE FRONT STARS		
<b>NGC</b>	<b>6266</b>	<b>Oph</b>	<b>M62</b>	<b>Globular</b>	<b>GCL,VB,L,GMBM,RRR,</b>
	8"	11mmT6			
<b>NGC</b>	<b>6341</b>	<b>Her</b>	<b>M92</b>	<b>Globular</b>	<b>GCL,VB,VL,ECM,ST S</b>
	8"	11mmT6			
<b>NGC</b>	<b>6523</b>	<b>Sgr</b>	<b>M8</b>	<b>Nebula E</b>	<b>VB,EL,EIF,W/LCL</b>
	8"	11mmT6			
<b>NGC</b>	<b>6544</b>	<b>Sgr</b>	<b>H197-2</b>	<b>Globular</b>	<b>CF,PL,IR,R</b>
	8"	11mmT6			
<b>NGC</b>	<b>6720</b>	<b>Lyr</b>	<b>M57</b>	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
	8"	11mmT6	F/L W/NEW FOCUSER, NAGLER, DOBSON		
<b>NGC</b>	<b>6853</b>	<b>Vul</b>	<b>M27</b>	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBEL</b>
	8"	11mmT6			

## Observations Listing by Date

July 21, 2004

Hidden Hollow - RAS

<b>NGC</b>	<b>6764</b>	<b>Cyg</b>	<b>Galaxy SB(s)bc</b>	<b>PF,PL,ME,SEVVF*INV</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>6783</b>	<b>Cyg</b>	<b>Galaxy C</b>	<b>EF,DIFFIC</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>6798</b>	<b>Cyg</b>	<b>Galaxy S0</b>	<b>F,VS,R,*VNR</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>6801</b>	<b>Cyg</b>	<b>Galaxy SAcd</b>	<b>EF,PS,R,F*S NR</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>6824</b>	<b>Cyg</b>	<b>H878-2 Galaxy SA(s)b:</b>	<b>PB,IF,BM</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>6916</b>	<b>Cyg</b>	<b>Galaxy SBbc</b>	<b>EEF,PS,F*NR P,VDIFFI</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>7013</b>	<b>Cyg</b>	<b>H203-2 Galaxy SA(r)0/a</b>	<b>PB,CS,R,PSBM,PB*NP</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>7116</b>	<b>Cyg</b>	<b>Galaxy S?</b>	<b>VF,PL,ME</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>7177</b>	<b>Peg</b>	<b>H247-2 Galaxy SAB(r)b</b>	<b>PB,PS,R,BMN,R,*SP</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>7209</b>	<b>Lac</b>	<b>H53-7 Open Cluster 9.0 III 1 m</b>	<b>CL,L,CRI,PC,ST9...12</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>NGC</b>	<b>7243</b>	<b>Lac</b>	<b>H75-8 Open Cluster 8.0 II 2 m</b>	<b>CL,L,P,LC,ST VL</b>
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
<b>PGC</b>	<b>63529</b>	<b>Cyg</b>	<b>Galaxy SAB(s)0-</b>	
	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	

## Observations Listing by Date

<b>July 16, 2004</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>6819</b>	<b>Cyg</b>		<b>Open Cluster 11.0 I 1 r</b>	<b>CL,VL,VRI,*11...15</b>
	8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
<b>NGC</b>	<b>6834</b>	<b>Cyg</b>	<b>H16-8</b>	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,P,LC,*11...12</b>
	8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
<b>NGC</b>	<b>6838</b>	<b>Sge</b>	<b>M71</b>	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>
	8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
<b>NGC</b>	<b>6866</b>	<b>Cyg</b>	<b>H59-7</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,L,VRI,CC</b>
	8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
<b>NGC</b>	<b>6960</b>	<b>Cyg</b>	<b>H15-5</b>	<b>Nebula E</b>	<b>PB,CL,EIF,KAPPACYGIN</b>
	8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
<b>NGC</b>	<b>6997</b>	<b>Cyg</b>	<b>H58-8</b>	<b>Open Cluster III 2 m n</b>	<b>CL,P,LC,ST L</b>
	8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
<b>NGC</b>	<b>7078</b>	<b>Peg</b>	<b>M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
	8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
<b>NGC</b>	<b>7217</b>	<b>Peg</b>	<b>H207-2</b>	<b>Galaxy (R)SA(r)ab</b>	<b>B,PL,GBM,ER</b>
	8"	25mmPL	10.2 PHOTO MAG. VERY FAINT		
<b>NGC</b>	<b>7331</b>	<b>Peg</b>	<b>H53-1</b>	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>
	8"	25mmPL	9.5 PHOTO MAG. BRIGHT		
<b>NGC</b>	<b>7331</b>	<b>Peg</b>	<b>H53-1</b>	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>
	31"	20mmUW	9.5 PHOTO MAG. BRIGHTER YET.		

## Observations Listing by Date

July 8, 2004

Hidden Hollow - RAS

<b>NGC 6235</b> 8"	<b>Oph</b> 25mmPL	<b>H584-2</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Globular</b>	<b>PB,CL,IR,RRR,*14..16</b>
<b>NGC 6287</b> 8"	<b>Oph</b> 25mmPL	<b>H195-2</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Globular</b>	<b>GCL,CB,L,R,GPMCM,RRR</b>
<b>NGC 6366</b> 8"	<b>Oph</b> 25mmPL	<b>H195-2</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Globular</b>	<b>F,L,VLBM</b>
<b>NGC 6469</b> 8"	<b>Sgr</b> 25mmPL	<b>Open Cluster IV 2 m</b> VERY CLEAR NIGHT - LEFT AT 1:00AM		<b>CL,PRI,IN MILKY WAY</b>
<b>NGC 6558</b> 8"	<b>Sgr</b> 25mmPL	<b>Open Cluster IV 2 m</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Globular</b>	<b>GCL,PB,PL,R,GLBM,RRR</b>
<b>NGC 6583</b> 8"	<b>Sgr</b> 25mmPL	<b>H31-7</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Open Cluster I 2 m</b>	<b>CL,PRI,PC,CE,ST13...</b>
<b>NGC 6590</b> 8"	<b>Sgr</b> 25mmPL	<b>Open Cluster I 2 m</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Nebula R</b>	<b>D*CENTRE PF,PL,RNEBY</b>
<b>NGC 6595</b> 8"	<b>Sgr</b> 25mmPL	<b>Open Cluster I 2 m</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Nebula III 3 m n</b>	<b>F,PL,CE,**INV</b>
<b>NGC 6645</b> 8"	<b>Sgr</b> 25mmPL	<b>H23-6</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Open Cluster 12.0 IV 1 m</b>	<b>CL,PL,VRI,PC,ST11.15</b>
<b>NGC 6716</b> 8"	<b>Sgr</b> 25mmPL	<b>Open Cluster 12.0 IV 1 m</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Open Cluster 8.3 IV 1 p</b>	<b>CL,PRI,ST9...13</b>
<b>NGC 6723</b> 8"	<b>Sgr</b> 25mmPL	<b>Open Cluster 8.3 IV 1 p</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Globular</b>	<b>GCL,VL,VLE,VGBM,RRR</b>
<b>NGC 6755</b> 8"	<b>Aql</b> 25mmPL	<b>H19-7</b> DIM - LOOKS LIKE P.N. IN 8	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,VL,VRI,PC,,*12.14</b>
<b>NGC 6756</b> 8"	<b>Aql</b> 25mmPL	<b>H62-7</b> DIM - LOOKS LIKE P.N. IN 8	<b>Open Cluster 13.0 I 1 m</b>	<b>CL,S,RI,LC,*11...12</b>
<b>NGC 6822</b> 8"	<b>Sgr</b> 25mmPL	<b>Open Cluster 13.0 I 1 m</b> VERY CLEAR NIGHT - LEFT AT 1:00AM	<b>Galaxy IB(s)m</b>	<b>VF,L,E,DIF</b>
<b>NGC 7009</b> 8"	<b>Aqr</b> 25mmPL	<b>H1-4</b> SMALL IN 8_DOBSON	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>
<b>NGC 7009</b> 31"	<b>Aqr</b> 17mmT4	<b>H1-4</b> GREAT IN THE BIG ONE!	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>

## Observations Listing by Date

June 26, 2004

Hidden Hollow - RAS

CR	470	Cyg	Galaxy	
	8"	25mmPL	INVOLVED W/ IC 5146	
IC	1369	Cyg	Open Cluster 12.1 II 2 m	
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
IC	4996	Cyg	Open Cluster 8.0 II 3 p n	APPROX 15 STARS
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
IC	5146	Cyg	Nebula E	
	8"	7.5mmW	INVOLVED WITH CR 470	
NGC	6760	Aql	Globular	2 19 08.6+0057
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	6811	Cyg	Open Cluster 11.0 III 1 r	CL,L,PRI,LC,ST11..14
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	6871	Cyg	Open Cluster 6.8 II 2 p n	CL,ST L\$\$,D*INV
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	6874	Cyg	H86-8 Non-Existent	CL,P,LC
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	6883	Cyg	Open Cluster IV 2 m n	CL,PRI,**INV
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	6910	Cyg	H56-8 Open Cluster 9.6 I 3 m n	CL,PB,PS,P,PC,*20.12
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	6934	Del	H103-1 Globular	GCL,B,L,R,RRR,*16...
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	6992	Cyg	H14-5 Nebula E	EF,EL,EE,EIF,BIFID
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	7006	Del	H52-1 Globular	B,PL,R,GBM
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	7039	Cyg	Open Cluster 11.3 IV 2 m	CL,VL,PRI,E,ST,10...
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	7082	Cyg	H52-7 Open Cluster 9.9 IV 2 p	CL,L,CRI,LC,ST10..13
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC	7209	Lac	H53-7 Open Cluster 9.0 III 1 m	CL,L,CRI,PC,ST9...12
	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	



## Observations Listing by Date

June 23, 2004

## Hidden Hollow - RAS

<b>NGC 5068</b> 8"	<b>Vir</b> 25mmPL	<b>H312-2</b> QUARTER MOON, LEFT @1:30AM.	<b>Galaxy SAB(rs)cd</b>	<b>F,L,IR,BM</b>
<b>NGC 5634</b> 8"	<b>Vir</b> 25mmPL	<b>H70-1</b> QUARTER MOON, LEFT @1:30AM.	<b>Globular</b>	<b>GCL,VB,CL,R,GBM,RRR</b>
<b>NGC 5846</b> 8"	<b>Vir</b> 25mmPL	<b>H128-1</b> QUARTER MOON, LEFT @1:30AM.	<b>Galaxy E0-1</b>	<b>VB,PL,R,PSBMN,F*INVS</b>
<b>NGC 6124</b> 8"	<b>Sco</b> 25mmPL	<b>Open Cluster 9.0 I 3 r</b> QUARTER MOON, LEFT @1:30AM.		<b>CL,B,L,PRI,LCM,*9.11</b>
<b>NGC 6293</b> 8"	<b>Oph</b> 25mmPL	<b>H12-6</b> QUARTER MOON, LEFT @1:30AM.	<b>Globular</b>	<b>GCL,VB,L,R,PSBM,ST16</b>
<b>NGC 6304</b> 8"	<b>Oph</b> 25mmPL	<b>H147-1</b> QUARTER MOON, LEFT @1:30AM.	<b>Globular</b>	<b>GCL,B,CL,R,LBM,RRR</b>
<b>NGC 6316</b> 8"	<b>Oph</b> 25mmPL	<b>H45-1</b> QUARTER MOON, LEFT @1:30AM.	<b>Globular</b>	<b>GCL,CB,PS,R,GVMBM</b>
<b>NGC 6342</b> 8"	<b>Oph</b> 25mmPL	<b>H149-1</b> QUARTER MOON, LEFT @1:30AM.	<b>Globular</b>	<b>CB,PS,LE,ER</b>
<b>NGC 6355</b> 8"	<b>Oph</b> 25mmPL	<b>H46-1</b> QUARTER MOON, LEFT @1:30AM.	<b>Globular</b>	<b>CF,L,R,GBM,RRR</b>
<b>NGC 6356</b> 8"	<b>Oph</b> 25mmPL	<b>H48-1</b> QUARTER MOON, LEFT @1:30AM.	<b>Globular</b>	<b>GCL,VB,CL,VGMBM,RRR</b>
<b>NGC 6441</b> 8"	<b>Sco</b> 25mmPL	<b>Globular</b> QUARTER MOON, LEFT @1:30AM.		<b>GCL,VB,PL,R,VGMBM,</b>
<b>NGC 6633</b> 8"	<b>Oph</b> 25mmPL	<b>H72-8</b> QUARTER MOON, LEFT @1:30AM.	<b>Open Cluster 8.0 III 2 m</b>	<b>CL,LC,ST L</b>

## Observations Listing by Date

June 19, 2004

Hidden Hollow - RAS

NGC 3147 8"	Dra 25mmPL	H79-1 GOOD NIGHT - MEGASTAR	Galaxy SA(rs)bc	VB,L,R,VGVSVMBM
NGC 5728 8"	Lib 25mmPL	H184-1 GOOD NIGHT - MEGASTAR	Galaxy SAB(r)a:	PF,PL,PME45,MBM,*10S
NGC 5878 8"	Lib 25mmPL	H736-3 GOOD NIGHT - MEGASTAR	Galaxy SA(s)b	PB,PL,PME0,PSMBM
NGC 5903 8"	Lib 25mmPL	H139-3 GOOD NIGHT - MEGASTAR	Galaxy E2	CF,S,R,GPMBM
NGC 6205 31"	Her 17mmT4	M13 ***** AWESOME *****	Globular	GCL,EB,VRI,VGECM,*11
NGC 6210 8"	Her 25mmPL	Planetary Neb 2+3b GOOD NIGHT - MEGASTAR		PLN,VB,VS,R,DISC
NGC 6229 8"	Her 25mmPL	H50-4 GOOD NIGHT - MEGASTAR	Globular	GCL,VB,L,R,DISC,R
NGC 6401 8"	Oph 25mmPL	H44-1 GOOD NIGHT - MEGASTAR	Globular	PB,PL,R,*12F INV
NGC 6405 8"	Sco 25mmPL	M6 GOOD NIGHT - MEGASTAR	Open Cluster 5.5 II 3 r	CL,L,IR,LC,ST7,10...
NGC 6440 8"	Sgr 25mmPL	H150-1 GOOD NIGHT - MEGASTAR	Globular	PB,PL,R,BM
NGC 6475 8"	Sco 25mmPL	M7 GOOD NIGHT - MEGASTAR	Open Cluster 7.0 I 3 r	CL,VB,PRI,LC,*7...12
NGC 6503 8"	Dra 25mmPL	Galaxy SA(s)cd GOOD NIGHT - MEGASTAR		PF,L,ME,*9F4'
NGC 6522 8"	Sgr 25mmPL	H49-1 GOOD NIGHT - MEGASTAR	Globular	GCL,B,PL,R,GVMBM,RRR
NGC 6528 8"	Sgr 25mmPL	H200-2 GOOD NIGHT - MEGASTAR	Globular	GCL,PF,CS,R,GBM,RRR
NGC 6544 8"	Sgr 25mmPL	H197-2 GOOD NIGHT - MEGASTAR	Globular	CF,PL,IR,R
NGC 6553 8"	Sgr 25mmPL	H12-4 GOOD NIGHT - MEGASTAR	Globular	GCL,F,L,LE,VGLBM,RR
NGC 6569 8"	Sgr 25mmPL	H201-2 GOOD NIGHT - MEGASTAR	Globular	GCL,CB,L,R,RRR,*15..
NGC 6624 8"	Sgr 25mmPL	H50-1 GOOD NIGHT - MEGASTAR	Globular	GCL,VB,PL,R,RRR,ST16
NGC 6637 8"	Sgr 25mmPL	M69 GOOD NIGHT - MEGASTAR	Globular	GCL,B,L,R,RRR,*14.16

## Observations Listing by Date

June 19, 2004

Hidden Hollow - RAS

NGC 6638	Sgr	H51-1	Globular	GCL,B,S,R,RR
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6642	Sgr	H205-2	Globular	GCL,PB,PL,IR,GPMBM
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6643	Dra		Galaxy SA(rs)c	PB,PL,E50,2ST P
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6652	Sgr		Globular	B,S,LE,RRR,ST15
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6681	Sgr	M70	Globular	GCL,B,PL,R,GBM,
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6709	Aql		Open Cluster 9.0 IV 2 m	CL,PRI,LC,IF
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6712	Sct	H47-1	Globular	GCL,PB,VL,IRR,RRR
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6715	Sgr	M54	Globular	GCL,VB,L,R,G,SMBM,
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6717	Sgr	H143-3	Globular	F,S,RR,CL+NEB
8"	7.5mmW	GOOD NIGHT - MEGASTAR		
NGC 6738	Aql		Open Cluster IV 2 p	CL,P,LC
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6760	Aql		Globular	2 19 08.6+0057
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6809	Sgr	M55	Globular	GCL,PB,L,R,VRI,VGBM
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6838	Sge	M71	Globular	CL,VL,VRI,PMC,*11.16
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6864	Sgr	M75	Globular	GCL,B,PL,R,VMBMBN,RR
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6913	Cyg	M29	Open Cluster 9.0 II 3 m n	CL,P,LC,STL\$\$
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6981	Aqr	M72	Globular	GCL,PB,PL,R,GMCM,RRR
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6994	Aqr	M73	Open Cluster 11.1 IV 1 p	CL,EP,VLC,NO NEB
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 7089	Aqr	M2	Globular	GCL,B,VL,GPMBM,RRR
8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 7092	Cyg	M39	Open Cluster 7.0 III 2 m	CL,VL,VP,VLC,*7...10
8"	25mmPL	GOOD NIGHT - MEGASTAR		

## Observations Listing by Date

## June 19, 2004

## Hidden Hollow - RAS

NGC 7099 Cap M30 Globular GCL,B,L,LE,GPMBM  
8" 25mmPL \*\*\* LAST MESSIER OBJECT \*\*\*

## June 14, 2004

## Hidden Hollow - RAS

IC 4715 Sgr Non-Existent  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

IC 4725 Sgr M25 Open Cluster 8.0 I 3 m  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6171 Oph M107 H40-6 Globular GCL,L,VRI,VMC,R,RRR  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6284 Oph H11-6 Globular GCL,B,L,R,CM,ST16...  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6333 Oph M9 Globular GCL,B,L,R,ECM,RRR,  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6402 Oph M14 Globular GCL,B,VL,R,ERI,VGMBM  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6494 Sgr M23 Open Cluster 10.0 II 2 r CL,B,VL,PRI,LC,\*10..  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6514 Sgr M20 H41-4 Nebula EN+OC VB,VL,TRIFID,D\*INV  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6523 Sgr M8 Nebula E VB,EL,EIF,W/LCL  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6531 Sgr M21 Open Cluster 8.0 I 3 r CL,PRI,LC,ST9...12  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6603 Sgr M24 Open Cluster 14.0 I 2 CL,VRI,VMC,R,M WAY  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6611 Ser M16 Open Cluster 11.0 II 3 m n CL,ATLEAST100\* L\$\$  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6613 Sgr M18 Open Cluster 8.7 II 3 p n CL,P,VLC  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6618 Sgr M17 Nebula EN+OC B,EL,EIF,2HOOKED  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6626 Sgr M28 Globular GCL,VB,L,R,GECM,RRR  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6656 Sgr M22 Globular GCL,VB,VL,R,VRI,VMC  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6694 Sct M26 Open Cluster 11.0 II 3 m CL,CL,PRI,PC,ST12.15  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

NGC 6705 Sct M11 Open Cluster 11.0 I 2 r CL,VB,L,IR,RI,\*9,  
8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

# Observations Listing by Date

**May 24, 2004**

**Home**

**NGC 3077**  
8"

**UMa H286-1 Galaxy 10 pec**  
25mmPL DECENT NIGHT - MEGASTAR CONTROL

**CB,CL,MBM,R WITH RAY**

## Observations Listing by Date

May 22, 2004

Hidden Hollow - RAS

<b>IC</b>	<b>1396</b>	<b>Cep</b>	<b>Open Cluster II3mn</b>	
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>IC</b>	<b>4665</b>	<b>Oph</b>	<b>Open Cluster 6.0 III 2 m</b>	
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>2276</b>	<b>Cep</b>	<b>Galaxy SAB(rs)c</b>	<b>F,60",LBM</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>3489</b>	<b>Leo</b>	<b>H101-2 Galaxy SAB(rs)0+</b>	<b>VB,PL,LE80,SMBMN</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4261</b>	<b>Vir</b>	<b>H139-2 Galaxy E2-3</b>	<b>PB,PS,R,GBM</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4267</b>	<b>Vir</b>	<b>H166-2 Galaxy SB(s)0-?</b>	<b>PB,VS,R,VSMBM</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4365</b>	<b>Vir</b>	<b>H30-1 Galaxy E3</b>	<b>CB,PL,VLE,GL,SMBM</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4388</b>	<b>Vir</b>	<b>H168-2 Galaxy SA(s)b: sp</b>	<b>VF,E,SF OF2</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4442</b>	<b>Vir</b>	<b>H156-2 Galaxy SB(s)0^</b>	<b>VB,PL,R,SMBM</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4457</b>	<b>Vir</b>	<b>H35-2 Galaxy (R)SAB(s)0/a</b>	<b>CB,PS,R,SMBMN</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4504</b>	<b>Vir</b>	<b>H771-2 Galaxy SA(s)cd</b>	<b>PB,CL,IE,GVLBM,ER</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4535</b>	<b>Vir</b>	<b>H500-2 Galaxy SAB(s)c</b>	<b>PF,VL,R</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4570</b>	<b>Vir</b>	<b>H32-1 Galaxy S0 sp</b>	<b>CB,PS,ME0,SBMRN</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4636</b>	<b>Vir</b>	<b>H38-2 Galaxy E</b>	<b>B,L,IR,VGVMBM,R</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4643</b>	<b>Vir</b>	<b>H10-1 Galaxy SB(rs)0/a</b>	<b>CB,PS,LE,MBM</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4654</b>	<b>Vir</b>	<b>H126-2 Galaxy SAB(rs)cd</b>	<b>F,VL,PME,(D),3*NR</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4666</b>	<b>Vir</b>	<b>H15-1 Galaxy SABc:</b>	<b>B,VL,ME45,PSBM</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4731</b>	<b>Vir</b>	<b>H41-1 Galaxy SB(s)cd</b>	<b>VF,PL,E</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
<b>NGC</b>	<b>4753</b>	<b>Vir</b>	<b>H16-1 Galaxy I0</b>	<b>CB,L,VLE,VGLBM</b>
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL	

## Observations Listing by Date

May 22, 2004

Hidden Hollow - RAS

NGC	4818	Vir	H549-2	Galaxy SAB(rs)ab pec:	PB,L,PME0,GBM
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	4866	Vir	H162-1	Galaxy SA(r)0+: sp	B,PL,ME90,SBMN,S*INV
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	4902	Vir	H69-1	Galaxy SB(r)b	PB,PL,IR,ST NR
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	4939	Vir	H561-2	Galaxy SA(s)bc	PB,L,R,GMBM
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	4958	Vir	H130-1	Galaxy SB(r)0? sp	VB,PS,E,BMBN
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	4995	Vir	H42-1	Galaxy SAB(rs)b	PB,PL,R,VGPMBM,*8NP
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	5018	Vir	H746-2	Galaxy E3:	CB,S,R,MBMPBN
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	5247	Vir	H297-2	Galaxy SA(s)bc	CF,VL,VG,PSMBMLN,
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	5363	Vir	H6-1	Galaxy I0?	B,PL,R,PSBM,*8NF
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	5364	Vir	H534-2	Galaxy SA(rs)bc pec	CF,L,R,GBM
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	5566	Vir	H144-1	Galaxy SB(r)ab	B,PL,R,PSBM,R,*F1.5'
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	5660	Boo	H695-2	Galaxy SAB(rs)c	PB,L,IR,VGBM
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	5676	Boo	H189-1	Galaxy SA(rs)bc	B,L,E45,PGBM,R
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	6093	Sco	M80	Globular	GCL,VB,L,VMBM(VAR*)
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	6121	Sco	M4	Globular	CL,8OR10B*LINE,RRR
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		
NGC	6205	Her	M13	Globular	GCL,EB,VRI,VGECM,*11
	8"	25mmPL	DECENT NIGHT - MEGASTAR CONTROL		

## Observations Listing by Date

## May 16, 2004

## Hidden Hollow - RAS

NGC	4123	Vir	H4-5	Galaxy SB(r)c	CF,VL,E90,BMN
	10"	28mm		CLEAR - MEGASTAR CONTROL	
NGC	4216	Vir	H35-1	Galaxy SAB(s)b:	VB,VL,VME17,SBMN
	10"	28mm		CLEAR - MEGASTAR CONTROL	
NGC	5897	Lib	H19-6	Globular	GCL,PF,L,VIR,VGBM,
	10"	28mm		CLEAR - MEGASTAR CONTROL	
NGC	5904	Ser	M5	Globular	GCL,VB,L,ECM,*11..15
	10"	28mm		CLEAR - MEGASTAR CONTROL	
NGC	6121	Sco	M4	Globular	CL,8OR10B*LINE,RRR
	10"	28mm		CLEAR - MEGASTAR CONTROL	
NGC	6218	Oph	M12	Globular	GCL,VB,VL,IR,GMBM
	10"	28mm		CLEAR - MEGASTAR CONTROL	
NGC	6254	Oph	M10	Globular	GCL,B,VL,R,GVMBM,RRR
	10"	28mm		CLEAR - MEGASTAR CONTROL	
NGC	6266	Oph	M62	Globular	GCL,VB,L,GMBM,RRR,
	10"	28mm		CLEAR - MEGASTAR CONTROL	
NGC	6273	Oph	M19	Globular	GCL,VB,L,R,VCM,RRR
	10"	28mm		CLEAR - MEGASTAR CONTROL	

## May 12, 2004

## Home

NGC	2903	Leo	H56-1	Galaxy SAB(rs)bc	CB,VL,E,GMBM,R,SPOF2
	8"	25mmPL		L.P. LOUSY-MAG. 9.5 TOPS! MSV5	
NGC	3379	Leo	M105 H17-1	Galaxy E1	VB,CL,R,PSBM,R
	8"	25mmPL		L.P. LOUSY-MAG. 9.5 TOPS! MSV5	
NGC	3384	Leo	H18-1	Galaxy SB(s)0-:	VB,L,R,PSMBM,2ND OF3
	8"	25mmPL		L.P. LOUSY-MAG. 9.5 TOPS! MSV5	
NGC	3521	Leo	H13-1	Galaxy SAB(rs)bc	CB,CL,ME140,VSMBMN
	8"	25mmPL		L.P. LOUSY-MAG. 9.5 TOPS! MSV5	
NGC	3607	Leo	H50-2	Galaxy SA(s)0^:	VB,L,R,VMBM,2ND OF 3
	8"	25mmPL		L.P. LOUSY-MAG. 9.5 TOPS! MSV5	
NGC	3623	Leo	M65	Galaxy SAB(rs)a	B,VL,ME165,GBMBN
	8"	25mmPL		L.P. LOUSY-MAG. 9.5 TOPS! MSV5	
NGC	3627	Leo	M66	Galaxy SAB(s)b	B,VL,ME150,MBM,2*NP
	8"	25mmPL		L.P. LOUSY-MAG. 9.5 TOPS! MSV5	
NGC	3628	Leo	H8-5	Galaxy Sb pec sp	PB,VL,VME102
	8"	25mmPL		L.P. LOUSY-MAG. 9.5 TOPS! MSV5	



## Observations Listing by Date

**April 16, 2004****Hidden Hollow - RAS**

<b>NGC</b>	<b>4449</b>	<b>CVn</b>	<b>H213-1</b>	<b>Galaxy IBm</b>	<b>VB,CL,ME,DORBIFID,*F</b>
	8"	25mmPL	CLEAR - MEGASTAR CONTROL		
<b>NGC</b>	<b>4494</b>	<b>Com</b>	<b>H83-1</b>	<b>Galaxy E1-2</b>	<b>VB,PL,R,VSMBMN</b>
	8"	25mmPL	CLEAR - MEGASTAR CONTROL		
<b>NGC</b>	<b>4526</b>	<b>Vir</b>	<b>H31-1</b>	<b>Galaxy SAB(s)0^:</b>	<b>VB,VL,ME120,PSMBM</b>
	8"	25mmPL	CLEAR - PALM PILOT DIRECTED		
<b>NGC</b>	<b>4546</b>	<b>Vir</b>	<b>H160-1</b>	<b>Galaxy SB(s)0-:</b>	<b>VB,CL,PME78,VSMBMN</b>
	8"	25mmPL	CLEAR - PALM PILOT DIRECTED		
<b>NGC</b>	<b>4699</b>	<b>Vir</b>	<b>H129-1</b>	<b>Galaxy SAB(rs)b</b>	<b>VB,R,VMBMRN,R</b>
	8"	25mmPL	CLEAR - PALM PILOT DIRECTED		
<b>NGC</b>	<b>4856</b>	<b>Vir</b>	<b>H68-1</b>	<b>Galaxy SB(s)0/a</b>	<b>B,R,PSMBM,*13NP</b>
	8"	25mmPL	CLEAR - PALM PILOT DIRECTED		
<b>NGC</b>	<b>5005</b>	<b>CVn</b>	<b>H96-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VME66,VSMBMN</b>
	8"	25mmPL	CLEAR - MEGASTAR CONTROL		
<b>NGC</b>	<b>5033</b>	<b>CVn</b>	<b>H97-1</b>	<b>Galaxy SA(s)c</b>	<b>VB,PL,E167,SMBMVBN</b>
	8"	25mmPL	CLEAR - MEGASTAR CONTROL		
<b>NGC</b>	<b>5195</b>	<b>CVn</b>	<b>H186-1</b>	<b>Galaxy I0 pec</b>	<b>B,PS,LE,VGBM,INV-M51</b>
	8"	25mmPL	CLEAR - MEGASTAR CONTROL		

## Observations Listing by Date

<b>April 14, 2004</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>3031</b>	<b>UMa</b>	<b>M81</b>	<b>Galaxy SA(s)ab</b>	<b>EB,EL,E156,GSVMBMBN 2</b>
	31"	17mmT4	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3034</b>	<b>UMa</b>	<b>M82 H79-4</b>	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
	31"	17mmT4	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3166</b>	<b>Sex</b>	<b>H3-1</b>	<b>Galaxy SAB(rs)0/a</b>	<b>B,PS,R,PSMBM,2ND OF3</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3169</b>	<b>Sex</b>	<b>H4-1</b>	<b>Galaxy SA(s)a pec</b>	<b>B,PL,VLE,PGMBM,3RD-3</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3193</b>	<b>Leo</b>	<b>H45-2</b>	<b>Galaxy E2</b>	<b>B,S,VLE,PSLBM,*9NF</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3377</b>	<b>Leo</b>	<b>H99-2</b>	<b>Galaxy E5-6</b>	<b>VB,CL,LE,SVMBMBN</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3384</b>	<b>Leo</b>	<b>H18-1</b>	<b>Galaxy SB(s)0-:</b>	<b>VB,L,R,PSMBM,2ND OF3</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3412</b>	<b>Leo</b>	<b>H27-1</b>	<b>Galaxy SB(s)0^</b>	<b>B,S,LE135,SMBMN</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3575</b>	<b>Leo</b>		<b>Non-Existent</b>	<b>PB,PL,R,*11P</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3593</b>	<b>Leo</b>	<b>H29-1</b>	<b>Galaxy SA(s)0/a:</b>	<b>B,CL,E90,PSMBM</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3628</b>	<b>Leo</b>	<b>H8-5</b>	<b>Galaxy Sb pec sp</b>	<b>PB,VL,VME102</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3640</b>	<b>Leo</b>	<b>H33-2</b>	<b>Galaxy E3</b>	<b>B,PL,R,PSBM</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>3810</b>	<b>Leo</b>	<b>H21-1</b>	<b>Galaxy SA(rs)c</b>	<b>B,L,VLE</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>4293</b>	<b>Com</b>	<b>H5-5</b>	<b>Galaxy (R)SB(s)0/a</b>	<b>F,VL,E,LBM,R</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>4371</b>	<b>Vir</b>	<b>H22-1</b>	<b>Galaxy SB(r)0+</b>	<b>B,PS,R,GBM</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>4394</b>	<b>Com</b>	<b>H55-2</b>	<b>Galaxy (R)SB(r)b</b>	<b>PB,LE,BM</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>4429</b>	<b>Vir</b>	<b>H65-2</b>	<b>Galaxy SA(r)0+</b>	<b>B,L,CE,PSBM,*10NF</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>4435</b>	<b>Vir</b>	<b>H28-1</b>	<b>Galaxy SB(s)0^</b>	<b>VB,CL,R,NP OF 2</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>4438</b>	<b>Vir</b>	<b>H28-1</b>	<b>Galaxy SA(s)0/a pec:</b>	<b>B,CL,VLE,R,SF OF 2</b>
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		

## Observations Listing by Date

## April 14, 2004

## Hidden Hollow - RAS

NGC	4459	Com	H161-1	Galaxy SA(r)0+	PB,PL,IR,BM,R,*8SF2'
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
NGC	4473	Com	H114-2	Galaxy E5	PB
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
NGC	4477	Com	H115-2	Galaxy SB(s)0:?	PB,CL
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
NGC	4490	CVn	H198-1	Galaxy SB(s)d pec	VB,VL,ME130,R,SF OF2
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
NGC	4594	Vir	M104 H43-1	Galaxy SA(s)a sp	VB,VL,EE92,VSMBMN
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
NGC	4697	Vir	H39-1	Galaxy E6	VB,L,LE45,SMBMN
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
NGC	4754	Vir	H25-1	Galaxy SB(r)0-:	B,PL,R,PSBM,P OF 2
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
NGC	4762	Vir	H75-2	Galaxy SB(r)0^? sp	PB,VME31,3B*S,F OF 2
	8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		

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NGC	2099	Aur	M37	Open Cluster 11.0 I 2 r	CL,RI,PCM,ST L\$\$
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
NGC	2168	Gem	M35	Open Cluster 8.0 III 3 r	CL,VL,CRI,PC,ST9..16
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
NGC	2264	Mon	H5-8	Open Cluster 5.0 III 3 m n	15MON,CL,**,(NEB)
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
NGC	2281	Aur	H71-8	Open Cluster 8.0 I 3 m	CL,PRI,VLC,ST PL
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
NGC	2903	Leo	H56-1	Galaxy SAB(rs)bc	CB,VL,E,GMBM,R,SPOF2
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
NGC	2905	Leo	H57-1	Knot in Galaxy	VF,CL,R,PSBM,R,NFOF2
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
NGC	5272	CVn	M3	Globular	GCL,EB,VL,VSMBM,*11.
	8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		

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<b>March 23, 2004</b>		<b>Home</b>			
<b>NGC</b>	<b>3227</b>	<b>Leo</b>	<b>H29-2</b>	<b>Galaxy SAB(s)a pec</b>	<b>PB,CL,R,DW/3226</b>
	8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC</b>	<b>3245</b>	<b>LMI</b>	<b>H86-1</b>	<b>Galaxy SA(r)0^:?</b>	<b>VB,PL,E0, SMBMEN</b>
	8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC</b>	<b>3344</b>	<b>LMI</b>	<b>H81-1</b>	<b>Galaxy (R)SAB(r)bc</b>	<b>CB,L,GBM,*INV,2ST F</b>
	8"	25mmPL	COMPUTER = ARGO NAVIS		
<b>NGC</b>	<b>3486</b>	<b>LMI</b>	<b>H87-1</b>	<b>Galaxy SAB(r)c</b>	<b>CB,CL,R,GMBM</b>
	8"	25mmPL	COMPUTER = ARGO NAVIS		

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<b>M</b>	<b>45</b>	<b>Tau</b>	<b>M45</b>	<b>Open Cluster</b>	
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>205</b>	<b>And</b>	<b>M110 H18-5</b>	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32</b>	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>581</b>	<b>Cas</b>	<b>M103</b>	<b>Open Cluster 9.0 II 2 m</b>	<b>CL,PL,B,R,RI,*10..11</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>598</b>	<b>Tri</b>	<b>M33 H17-5</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>628</b>	<b>Psc</b>	<b>M74</b>	<b>Galaxy SA(s)c</b>	<b>GCL,F,VL,R,VG,PSMBM</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>650</b>	<b>Per</b>	<b>M76 H193-1</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1039</b>	<b>Per</b>	<b>M34</b>	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,B,VL,LC,SC ST9</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1068</b>	<b>Cet</b>	<b>M77</b>	<b>Galaxy (R)SA(rs)b</b>	<b>VB,PL,IR,SBMRRN</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1432</b>	<b>Tau</b>		<b>Nebula R</b>	<b>EF,VL,DIF, MAIA</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1904</b>	<b>Lep</b>	<b>M79</b>	<b>Globular</b>	<b>GCL,PL,ERI,EC,RRR</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1952</b>	<b>Tau</b>	<b>M1</b>	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>2068</b>	<b>Ori</b>	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>2099</b>	<b>Aur</b>	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		

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NGC	2168	Gem	M35	Open Cluster 8.0 III 3 r	CL,VL,CRI,PC,ST9..16
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	2287	CMa	M41	Open Cluster 8.0 I 3 r	CL,VL,B,LC,ST 8...
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	2323	Mon	M50	Open Cluster 9.0 II 3 r	CL,VL,RI,PC,E,
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	2422	Pup	M47 H38-8	Open Cluster 5.0 I 3 m	CL,B,VL,PRI,ST L\$\$
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	2437	Pup	M46	Open Cluster 10.0 II 2 r	CL,VB,VRI,VL,INV PLN
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	2447	Pup	M93	Open Cluster 9.0 I 3 r	CL,L,PRI,LC,ST8...13
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	2548	Hya	M48 H22-6	Open Cluster 8.0 I 3 r	CL,VL,PRI,PMC,*9..13
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	2632	Cnc	M44	Open Cluster 6.0 II 3 m	PRAESEPE CANCRI
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	2682	Cnc	M67	Open Cluster 9.0 II 3 r	CL,VB,VL,ERI,LC,*10.
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3031	UMa	M81	Galaxy SA(s)ab	EB,EL,E156,GSVMBMBN 2
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3351	Leo	M95	Galaxy SB(r)b	B,L,R,PGMBMN
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3367	Leo	H78-2	Galaxy SB(rs)c	PB,CL,IR,VGLBM,R,1-3
	8"	25mmPL	*12.0 MAG. 2004 MESSIER MAR.*		
NGC	3368	Leo	M96	Galaxy SAB(rs)ab	VB,VL,LE,VSVMBM,R
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3379	Leo	M105 H17-1	Galaxy E1	VB,CL,R,PSBM,R
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3556	UMa	M108 H46-5	Galaxy SB(s)cd sp	CB,VL,VME79,PBM,R
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3587	UMa	M97	Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3623	Leo	M65	Galaxy SAB(rs)a	B,VL,ME165,GBMBN
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
NGC	3627	Leo	M66	Galaxy SAB(s)b	B,VL,ME150,MBM,2*NP
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		

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<b>March 19, 2004</b>		<b>Hidden Hollow - RAS</b>			
<b>NGC</b>	<b>3992</b>	<b>UMa</b>	<b>M109 H61-4</b>	<b>Galaxy SB(rs)bc</b>	<b>CB,VL,PME,SBMBRN</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4192</b>	<b>Com</b>	<b>M98</b>	<b>Galaxy SAB(s)ab</b>	<b>B,VL,VME152,VSVMBM</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4254</b>	<b>Com</b>	<b>M99</b>	<b>Galaxy SA(s)c</b>	<b>B,L,R,GBM,R,3BRSPIRA</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4258</b>	<b>CVn</b>	<b>M106 H43-5</b>	<b>Galaxy Sb</b>	<b>VB,VL,VME0,SBMBN</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4303</b>	<b>Vir</b>	<b>M61 H139-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VSBM*,BIN</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4321</b>	<b>Com</b>	<b>M100</b>	<b>Galaxy SAB(s)bc</b>	<b>PF,VL,R,VG,PSBMRN</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4374</b>	<b>Vir</b>	<b>M84</b>	<b>Galaxy E1</b>	<b>VB,PL,R,PSBM,R</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4382</b>	<b>Com</b>	<b>M85</b>	<b>Galaxy SA(s)0+ pec</b>	<b>VB,PL,R,BM,*NP</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4406</b>	<b>Vir</b>	<b>M86</b>	<b>Galaxy E3</b>	<b>VB,L,R,GBMN,R</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4472</b>	<b>Vir</b>	<b>M49</b>	<b>Galaxy E2</b>	<b>VB,L,R,MBM,R</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4486</b>	<b>Vir</b>	<b>M87</b>	<b>Galaxy E+0-1 pec</b>	<b>VB,VL,R,MBM,3RD OF 3</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4501</b>	<b>Com</b>	<b>M88</b>	<b>Galaxy SA(rs)b</b>	<b>B,VL,VME</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4548</b>	<b>Com</b>	<b>M91 H120-2</b>	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4552</b>	<b>Vir</b>	<b>M89</b>	<b>Galaxy E0-1</b>	<b>PB,PS,R,GMBM</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4569</b>	<b>Vir</b>	<b>M90</b>	<b>Galaxy SAB(rs)ab</b>	<b>PL,BMN</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4579</b>	<b>Vir</b>	<b>M58</b>	<b>Galaxy SAB(rs)b</b>	<b>B,L,IR,VMBM,R</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4590</b>	<b>Hya</b>	<b>M68</b>	<b>Globular</b>	<b>GCL,L,ERI,VC,IR,ST12</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4594</b>	<b>Vir</b>	<b>M104 H43-1</b>	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>4621</b>	<b>Vir</b>	<b>M59</b>	<b>Galaxy E5</b>	<b>B,PL,LE,VSVMBM,2*P</b>
	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		

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<b>NGC 4649</b> 8"	<b>Vir</b> 25mmPL	<b>M60</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Galaxy E2</b>	<b>VB,PL,R,FOF DNEB</b>
<b>NGC 4736</b> 8"	<b>CVn</b> 25mmPL	<b>M94</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Galaxy (R)SA(r)ab</b>	<b>VB,L,IR,VSVMBMBN,R</b>
<b>NGC 4826</b> 8"	<b>Com</b> 25mmPL	<b>M64</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Galaxy (R)SA(rs)ab</b>	<b>VB,VL,VME120,BMSBN</b>
<b>NGC 5024</b> 8"	<b>Com</b> 25mmPL	<b>M53</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Globular</b>	<b>GCL,B,VC,IR,VVMBM,</b>
<b>NGC 5055</b> 8"	<b>CVn</b> 25mmPL	<b>M63</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Galaxy SA(rs)bc</b>	<b>VB,L,PME120,VSMBMBN</b>
<b>NGC 5194</b> 8"	<b>CVn</b> 25mmPL	<b>M51</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
<b>NGC 5236</b> 8"	<b>Hya</b> 25mmPL	<b>M83</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Galaxy SAB(s)c</b>	<b>VB,VL,E55,ESBMN,SPIR</b>
<b>NGC 5272</b> 8"	<b>CVn</b> 25mmPL	<b>M3</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>
<b>NGC 5457</b> 8"	<b>UMa</b> 25mmPL	<b>M101</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Galaxy SAB(rs)cd</b>	<b>PB,VL,IR,G,VSMBMBSN 4</b>
<b>NGC 5866</b> 8"	<b>Dra</b> 25mmPL	<b>M102 H215-1</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Galaxy SA0+ sp</b>	<b>VB,CL,PME146,GBM</b>
<b>NGC 5904</b> 8"	<b>Ser</b> 25mmPL	<b>M5</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Globular</b>	<b>GCL,VB,L,ECM,*11..15</b>
<b>NGC 6205</b> 8"	<b>Her</b> 25mmPL	<b>M13</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
<b>NGC 6341</b> 8"	<b>Her</b> 25mmPL	<b>M92</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Globular</b>	<b>GCL,VB,VL,ECM,ST S</b>
<b>NGC 7654</b> 8"	<b>Cas</b> 25mmPL	<b>M52</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>
<b>WINN 4</b> 8"	<b>UMa</b> 25mmPL	<b>M40</b> 2004 MESSIER MARATHON - ARGO NAVIS	<b>Unknown STAR</b>	



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NGC	1981	Ori		Open Cluster 10.0 III 3 p n	CL,VB,LRI,ST L,SC
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2237	Mon		Nebula E	PB,VVL,DIF,(2238)
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2244	Mon	H2-7	Open Cluster 7.0 II 3 r n	CL,BEAUTIFUL,STSC
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2252	Mon	H50-8	Open Cluster 9.0 III 2 m n	CL,VL,PRI,LC,STS
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2287	CMa	M41	Open Cluster 8.0 I 3 r	CL,VL,B,LC,ST 8...
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2354	CMa	H16-7	Open Cluster 9.1 III 2 r	CL,CRI,LC
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2360	CMa	H12-7	Open Cluster 10.4 I 3 r	CL,VL,RI,PC,ST9...12
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2383	CMa		Open Cluster 9.8 II 3 m	CL,PS,PMC,ST12
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2384	CMa		Open Cluster 8.6 IV 3 p	CL,LC,BIFID,**
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	2905	Leo	H57-1	Knot in Galaxy	VF,CL,R,PSBM,R,NFOF2
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	3226	Leo	H28-2	Galaxy E2: pec	PB,CL,R,DW/3227
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	3227	Leo	H29-2	Galaxy SAB(s)a pec	PB,CL,R,DW/3226
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	3377	Leo	H99-2	Galaxy E5-6	VB,CL,LE,SVMBMBN
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	3384	Leo	H18-1	Galaxy SB(s)0-:	VB,L,R,PSMBM,2ND OF3
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	3489	Leo	H101-2	Galaxy SAB(rs)0+	VB,PL,LE80,SMBMN
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	3521	Leo	H13-1	Galaxy SAB(rs)bc	CB,CL,ME140,VSMBMN
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	4192	Com	M98	Galaxy SAB(s)ab	B,VL,VME152,VSMBM
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	4254	Com	M99	Galaxy SA(s)c	B,L,R,GBM,R,3BRSPIRA
	8"	25mmPL	COMPUTER = ARGONAVIS		
NGC	4262	Com	H110-2	Galaxy SB(s)0-?	B,S,R,R
	8"	25mmPL	COMPUTER = ARGONAVIS		

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NGC	4303	Vir	M61	H139-1	Galaxy SAB(rs)bc	VB,VL,VSBM*,BIN
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4321	Com	M100		Galaxy SAB(s)bc	PF,VL,R,VG,PSBMRN
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4374	Vir	M84		Galaxy E1	VB,PL,R,PSBM,R
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4382	Com	M85		Galaxy SA(s)0+ pec	VB,PL,R,BM,*NP
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4394	Com		H55-2	Galaxy (R)SB(r)b	PB,LE,BM
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4406	Vir	M86		Galaxy E3	VB,L,R,GBMN,R
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4435	Vir		H28-1	Galaxy SB(s)0^	VB,CL,R,NP OF 2
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4438	Vir		H28-1	Galaxy SA(s)0/a pec:	B,CL,VLE,R,SF OF 2
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4472	Vir	M49		Galaxy E2	VB,L,R,MBM,R
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4486	Vir	M87		Galaxy E+0-1 pec	VB,VL,R,MBM,3RD OF 3
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4501	Com	M88		Galaxy SA(rs)b	B,VL,VME
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4548	Com	M91	H120-2	Galaxy SB(rs)b	B,L,LE,LBM
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4579	Vir	M58		Galaxy SAB(rs)b	B,L,IR,VMBM,R
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4594	Vir	M104	H43-1	Galaxy SA(s)a sp	VB,VL,EE92,VSBM,N
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4621	Vir	M59		Galaxy E5	B,PL,LE,VSVMBM,2*P
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4647	Vir		H44-3	Galaxy SAB(rs)c	PF,PL,LE115,NPOFDNEB
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4649	Vir	M60		Galaxy E2	VB,PL,R,FOF DNEB
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	4826	Com	M64		Galaxy (R)SA(rs)ab	VB,VL,VME120,BMSBN
	8"	25mmPL	COMPUTER = ARGONAVIS			
NGC	5272	CVn	M3		Globular	GCL,EB,VL,VSBM,*11.
	8"	25mmPL	COMPUTER = ARGONAVIS			

## Observations Listing by Date

**March 13, 2004****Hidden Hollow - RAS**

NGC 5457 UMa M101 Galaxy SAB(rs)cd PB,VL,IR,G,VSMBMSN 4  
8" 25mmPL COMPUTER = ARGO NAVIS

**March 10, 2004****Hidden Hollow - RAS**

NGC 2903 Leo H56-1 Galaxy SAB(rs)bc CB,VL,E,GMBM,R,SPOF2  
8" 25mmPL N/M, NO COMPUTER

NGC 3607 Leo H50-2 Galaxy SA(s)0^: VB,L,R,VMBM,2ND OF 3  
8" 25mmPL N/M, NO COMPUTER

NGC 3608 Leo H51-2 Galaxy E2 B,PL,R,PSBM,3RD OF 3  
8" 25mmPL N/M, NO COMPUTER

NGC 3626 Leo H52-2 Galaxy S0-a B,S,VLE,SBM  
8" 25mmPL N/M, NO COMPUTER

NGC 5457 UMa M101 Galaxy SAB(rs)cd PB,VL,IR,G,VSMBMSN 4  
8" 25mmPL N/M, NO COMPUTER

**March 9, 2004****Home**

NGC 2022 Ori H34-4 Planetary Neb 4+2 PLN,PB,VS,VLE  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 2232 Mon H25-8 Open Cluster 5.0 III 2 p B\* 10MON +CL  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 2264 Mon H5-8 Open Cluster 5.0 III 3 m n 15MON,CL,\*\*,(NEB)  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 2323 Mon M50 Open Cluster 9.0 II 3 r CL,VL,RI,PC,E,  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 3992 UMa M109 H61-4 Galaxy SB(rs)bc CB,VL,PME,SBMBRN  
8" 25mmPL COMPUTER = ARGO NAVIS

**February 28, 2004****Home**

NGC 1432 Tau Nebula R EF,VL,DIF, MAIA  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 1976 Ori M42 Nebula EN+RN THETAORI \$GREAT NEB  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 2099 Aur M37 Open Cluster 11.0 I 2 r CL,RI,PCM,ST L\$\$  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 2632 Cnc M44 Open Cluster 6.0 II 3 m PRAESEPE CANCRI  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 3031 UMa M81 Galaxy SA(s)ab EB,EL,E156,GSVMBMBN 2  
8" 25mmPL COMPUTER = ARGO NAVIS

NGC 3034 UMa M82 H79-4 Galaxy I0 sp VB,VL,VME(RAY)  
8" 25mmPL COMPUTER = ARGO NAVIS

## Observations Listing by Date

**February 25, 2004 Hidden Hollow - RAS**

<b>NGC</b>	<b>2548</b>	<b>Hya</b>	<b>M48</b>	<b>H22-6</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,PRI,PMC,*9..13</b>
	8"	25mmPL	1ST. QTR.			
<b>NGC</b>	<b>3351</b>	<b>Leo</b>	<b>M95</b>		<b>Galaxy SB(r)b</b>	<b>B,L,R,PGMBMN</b>
	8"	25mmPL	1ST. QTR.			
<b>NGC</b>	<b>3368</b>	<b>Leo</b>	<b>M96</b>		<b>Galaxy SAB(rs)ab</b>	<b>VB,VL,LE,VSVMBM,R</b>
	8"	25mmPL	1ST. QTR.			
<b>NGC</b>	<b>3379</b>	<b>Leo</b>	<b>M105</b>	<b>H17-1</b>	<b>Galaxy E1</b>	<b>VB,CL,R,PSBM,R</b>
	8"	25mmPL	1ST. QTR.			
<b>NGC</b>	<b>3623</b>	<b>Leo</b>	<b>M65</b>		<b>Galaxy SAB(rs)a</b>	<b>B,VL,ME165,GBMBN</b>
	8"	25mmPL	1ST. QTR.			
<b>NGC</b>	<b>3627</b>	<b>Leo</b>	<b>M66</b>		<b>Galaxy SAB(s)b</b>	<b>B,VL,ME150,MBM,2*NP</b>
	8"	25mmPL	1ST. QTR.			

**February 16, 2004 Hidden Hollow - RAS**

<b>NGC</b>	<b>2682</b>	<b>Cnc</b>	<b>M67</b>		<b>Open Cluster 9.0 II 3 r</b>	<b>CL,VB,VL,ERI,LC,*10.</b>
	8"	25mmPL	1ST. QTR.			

**December 31, 2003 Home**

<b>NGC</b>	<b>457</b>	<b>Cas</b>		<b>H42-7</b>	<b>Open Cluster 8.6 II 3 r</b>	<b>CL,B,L,PRI,*7,8,10</b>
	8"	25mmPL	H/M COLD			
<b>NGC</b>	<b>869</b>	<b>Per</b>		<b>H33-6</b>	<b>Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
	8"	25mmPL	H/M COLD			
<b>NGC</b>	<b>884</b>	<b>Per</b>		<b>H34-6</b>	<b>Open Cluster 6.4 I 3 r</b>	<b>CL,VL,VRI,RUBY*M</b>
	8"	25mmPL	H/M COLD			
<b>NGC</b>	<b>7789</b>	<b>Cas</b>		<b>H30-6</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,VL,VRI,VMC,*11.18</b>
	8"	25mmPL	H/M COLD			
<b>STOCK2</b>		<b>Cas</b>			<b>Open Cluster I 2 m</b>	
	8"	25mmPL	H/M COLD			

## Observations Listing by Date

**December 30, 2003 Hidden Hollow - RAS**

<b>NGC</b>	<b>2287</b>	<b>CMa</b>	<b>M41</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,B,LC,ST 8...</b>
	8"	25mmPL	H/M COLD.		
<b>NGC</b>	<b>2422</b>	<b>Pup</b>	<b>M47 H38-8</b>	<b>Open Cluster 5.0 I 3 m</b>	<b>CL,B,VL,PRI,ST L\$\$</b>
	8"	25mmPL	H/M COLD		
<b>NGC</b>	<b>2437</b>	<b>Pup</b>	<b>M46</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,VB,VRI,VL,INV PLN</b>
	8"	25mmPL	H/M COLD		
<b>NGC</b>	<b>2447</b>	<b>Pup</b>	<b>M93</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,L,PRI,LC,ST8...13</b>
	8"	25mmPL	H/M COLD		
<b>NGC</b>	<b>3031</b>	<b>UMa</b>	<b>M81</b>	<b>Galaxy SA(s)ab</b>	<b>EB,EL,E156,GSVMBMBN 2</b>
	8"	25mmPL	H/M COLD		
<b>NGC</b>	<b>3034</b>	<b>UMa</b>	<b>M82 H79-4</b>	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
	8"	25mmPL	H/M COLD		
<b>NGC</b>	<b>4736</b>	<b>CVn</b>	<b>M94</b>	<b>Galaxy (R)SA(r)ab</b>	<b>VB,L,IR,VSVMBMBN,R</b>
	8"	25mmPL	H/M COLD		
<b>NGC</b>	<b>5055</b>	<b>CVn</b>	<b>M63</b>	<b>Galaxy SA(rs)bc</b>	<b>VB,L,PME120,VSMBMBN</b>
	8"	25mmPL	H/M COLD		
<b>NGC</b>	<b>5194</b>	<b>CVn</b>	<b>M51</b>	<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
	8"	25mmPL	H/M COLD		
<b>WINN</b>	<b>4</b>	<b>UMa</b>	<b>M40</b>	<b>Unknown STAR</b>	
	8"	25mmPL	H/M COLD		

**December 28, 2003 Home**

<b>NGC</b>	<b>7078</b>	<b>Peg</b>	<b>M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>
	8"	25mmPL	Q/M COLD		

## Observations Listing by Date

## December 26, 2003 Hidden Hollow - RAS

<b>M</b>	<b>45</b>	<b>Tau</b>	<b>M45</b>	<b>Open Cluster</b>	
	8"	25mmPL	COMPTER = ARGO NAVIS		
<b>M</b>	<b>45</b>	<b>Tau</b>	<b>M45</b>	<b>Open Cluster</b>	
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>205</b>	<b>And</b>	<b>M110 H18-5</b>	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>221</b>	<b>And</b>	<b>M32</b>	<b>Galaxy cE2</b>	<b>VVB,L,R,PSMBMN</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>224</b>	<b>And</b>	<b>M31</b>	<b>Galaxy SA(s)b</b>	<b>EEB,EL,VME,ANDROMEDA 17</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>581</b>	<b>Cas</b>	<b>M103</b>	<b>Open Cluster 9.0 II 2 m</b>	<b>CL,PL,B,R,RI,*10..11</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>598</b>	<b>Tri</b>	<b>M33 H17-5</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>650</b>	<b>Per</b>	<b>M76 H193-1</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>1039</b>	<b>Per</b>	<b>M34</b>	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,B,VL,LC,SC ST9</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>1432</b>	<b>Tau</b>		<b>Nebula R</b>	<b>EF,VL,DIF, MAIA</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>1904</b>	<b>Lep</b>	<b>M79</b>	<b>Globular</b>	<b>GCL,PL,ERI,EC,RRR</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>1912</b>	<b>Aur</b>	<b>M38</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,B,VL,VRI,IF,STL\$\$</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>1952</b>	<b>Tau</b>	<b>M1</b>	<b>Nebula E</b>	<b>VB,VL,E135,VGLBM,R</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>1960</b>	<b>Aur</b>	<b>M36</b>	<b>Open Cluster 9.0 I 3 r</b>	<b>CL,B,VL,VRI,CL,*9.11</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>1976</b>	<b>Ori</b>	<b>M42</b>	<b>Nebula EN+RN</b>	<b>THETAORI \$GREAT NEB</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>1982</b>	<b>Ori</b>	<b>M43 H1-3</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>2068</b>	<b>Ori</b>	<b>M78</b>	<b>Nebula R</b>	<b>B,L,WISP,GMBN,3*INV</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>2099</b>	<b>Aur</b>	<b>M37</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,RI,PCM,ST L\$\$</b>
	8"	25mmPL	Q/M COLD		
<b>NGC</b>	<b>2168</b>	<b>Gem</b>	<b>M35</b>	<b>Open Cluster 8.0 III 3 r</b>	<b>CL,VL,CRI,PC,ST9..16</b>
	8"	25mmPL	Q/M COLD		

## Observations Listing by Date

**December 26, 2003 Hidden Hollow - RAS**

<b>NGC 2632</b> 8"	<b>Cnc</b> 25mmPL	<b>M44</b> Q/M COLD	<b>Open Cluster 6.0 II 3 m</b>	<b>PRAESEPE CANCRI</b>
<b>NGC 3556</b> 8"	<b>UMa</b> 25mmPL	<b>M108 H46-5</b> Q/M COLD	<b>Galaxy SB(s)cd sp</b>	<b>CB,VL,VME79,PBM,R</b>
<b>NGC 3587</b> 8"	<b>UMa</b> 25mmPL	<b>M97</b> Q/M COLD	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
<b>NGC 4258</b> 8"	<b>CVn</b> 25mmPL	<b>M106 H43-5</b> Q/M COLD	<b>Galaxy Sb</b>	<b>VB,VL,VME0,SBMBN</b>
<b>NGC 6720</b> 8"	<b>Lyr</b> 25mmPL	<b>M57</b> Q/M COLD	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
<b>NGC 6779</b> 8"	<b>Lyr</b> 25mmPL	<b>M56</b> Q/M COLD	<b>Globular</b>	<b>GCL,B,L,IR,GVMCM,RRR</b>
<b>NGC 6853</b> 8"	<b>Vul</b> 25mmPL	<b>M27</b> Q/M COLD	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBEL</b>
<b>NGC 7654</b> 8"	<b>Cas</b> 25mmPL	<b>M52</b> Q/M COLD	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,L,RI,MCM,R,*9..13</b>

**November 8, 2003 Hidden Hollow - RAS**

<b>NGC 6205</b> 8"	<b>Her</b> 25mmPL	<b>M13</b> FIRST OBJECT @ WARREN RUPP OBSV.	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>
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**October 10, 2003 Home**

<b>NGC 6720</b> 8"	<b>Lyr</b> 25mmPL	<b>M57</b> FIRST LIGHT - FIRST OBJECT	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
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