

# Herschel 2500 Observations

<b>H1-1</b>	<b>NGC 1055</b>	<b>Cet</b>	<b>Galaxy SBb: sp</b>	<b>PF,CL,IE80,BM,*11N1'</b>
Nov 24 2006	12.5"	12mmT4	PB,PL,OVAL,HISB,R=G	
Sep 07 1980	12.5"	24mm	FAINT AND LARGE,SAME FOV AS M77	
Sep 27 1981	12.5"	16mm	PB,PL,EDGE ON,FNUC,DIM ARMS,3* IN TRI TO N,DUST LANE E TO W,SBM	
<b>H1-2</b>	<b>NGC 7184</b>	<b>Aqr</b>	<b>Galaxy SB(r)c</b>	<b>PB,PL,ME64,BET3*,ER</b>
Aug 31 1984	12.5"	24mm	DIF,PF,MS,ELONG,F* IN W TIP,TAPERED-CIGAR SHAPE	
Jul 10 1981	12.5"	16mm	DIF,MB,ML,EDGE ON,FNUC,DIM HALO	
Oct 07 2010	31"	17mmT4	PB,VL,ELONG,SMALL BNUC,GRAD BM,MOD HISB MIDDLE,R=G	
Sep 06 2002	12.5"	9mmT6	VB,VL,ELONG,HISB MIDDLE,LARGE CENTRAL BULGE,F* BOTH ENDS	
Sep 09 1980	12.5"	24mm	BM,EDGE ON	
Sep 10 1980	12.5"	24mm		
<b>H1-3</b>	<b>NGC 1982</b>	<b>Ori M43</b>	<b>Nebula E</b>	<b>VB,VL,RW/TAIL,MBM*8</b>
Aug 22 1980	12.5"	24mm		
Dec 03 1980	12.5"	24mm		
Dec 04 2004	31"	31mmT5	DIF,EB,EL,WITH OIII,SHADES OF COLORS,INCREDIBLE DETAIL,BEST SEEN TO DATE,R=E	
Mar 02 1984	10"	20mm	SAME	
Mar 08 2013	36"	17mmT4	MESSIER MARATHON 2013	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
Mar 27 1982	12.5"	24mm	MF,PL,OVERWHELMED BY M42,R,BLUE GREEN GAS,2**S IN NEB	
Oct 29 1980	8"	24mm		
Oct 31 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 18 1980	12.5"	24mm		
<b>H1-4</b>	<b>NGC 7009</b>	<b>Aqr</b>	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>
Aug 15 2009	31"	17mmT4	VB,VL,HISB,BRT BLUEISH,RING DET,FT NEB AR CENTRALBALL,NO C*,OIII,DOESNOT HELP THAT MUCH BUT RING IS EASIER TO DETECT,R=E	
Aug 31 1984	12.5"	12mm	VB,MS,R BRT BLUEISH NEB,SLIGHTLY ELONG,UB	
Jul 10 1981	12.5"	16mm	SATURN NEB,RING EASILY SEEN,BRT BLUE,MB,MS	
Jul 17 1980	12.5"	24mm		
Jun 18 1980	12.5"	9mm	DISK SHOWN WELL	
Oct 31 1980	12.5"	24mm		
Sep 01 2002	31"	9mmT6	BRT BLUE,RING SEEN,DETAIL IN NEB DETECTED,BEST VIEW TO DATE	
Sep 10 1980	12.5"	24mm		
Sep 27 2005	31"	17mmT4	VF,VL,ELONG,R,HISB,THICK INNER RING,BRT BLUE,CENTRAL *,RINGS DET,R=E	
Sep 27 2005	31"	17mmT4	WITH O/III, EB,VL,ELONG,R,MORE NEB DET BOTH SIDES OF RING,BETTER W/O,R=E	
<b>H1-5</b>	<b>NGC 253</b>	<b>Sci</b>	<b>Galaxy SAB(s)c</b>	<b>VVB,VVL,VME54,GBM</b>
Aug 22 1980	12.5"	24mm	VL	
Oct 29 1980	8"	24mm		
Oct 31 1980	12.5"	24mm		
Sep 06 2002	12.5"	9mmT6	VB,VL,SPRIAL STR,GAL 2 FOV IN SIZE,DUST LANES,BREAKS DETECTED,BRT REGIONS DET	
Sep 07 1980	12.5"	24mm		
Sep 09 1980	12.5"	24mm	EXCELLENT!!,BEST SIGHTING TO DATE	
Sep 23 1981	12.5"	24mm	DIF,MB,EL,EDGE ON,DARMS,DUST LANE,F * CENTER-W ARM S OF NUC,B * SE&W,KNTY STR SP	
<b>H1-6</b>	<b>NGC 2420</b>	<b>Gem</b>	<b>Open Cluster 11.0 I 1 r</b>	<b>CL,CL,RI,C,ST11...18</b>
Feb 21 1984	12.5"	16mm	SAME,APPROX 50-100**S,MB,ML	
Oct 30 1981	12.5"	16mm	MB,ML,WELL DISPERSED IN 16MM	

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<b>H1-6</b>	<b>NGC 2420</b>	<b>Gem</b>	<b>Open Cluster 11.0 I 1 r</b>	<b>CL,CL,RI,C,ST11...18</b>
Oct 30 1981	12.5" 16mm	MB,ML,WELL DISPERSED IN 16MM		
<b>H1-7</b>	<b>NGC 1662</b>	<b>Ori</b>	<b>Open Cluster 9.0 II 3 m</b>	<b>CL OF L\$S SC ST</b>
Sep 06 2002	12.5" 24mm	PB,PL,APROX 15 *S,LOOSLY SCATTERED,STANDS OUT WELL		
<b>H1-8</b>	<b>NGC 2509</b>	<b>Pup</b>	<b>Open Cluster I 1 r</b>	<b>CL,B,PRI,LC,ST S</b>
Oct 16 1982	12.5" 24mm	MF,ML,APPROX 50*S,LOOSE,FEW B*S IN CLUSTER		
<b>H2-1</b>	<b>NGC 2775</b>	<b>Cnc</b>	<b>Galaxy SA(r)ab</b>	<b>CB,CL,R,VGVSMBM,R</b>
Dec 03 1980	12.5" 24mm			
Feb 21 1984	12.5" 16mm	SAME		
Oct 24 1981	12.5" 12mm	DIF,MF,ML,BRT CENTRAL REGION,UB,GOOD DEFINITION WHERE ARMS WIND AROUND NUC		
<b>H2-2</b>	<b>NGC 7507</b>	<b>Scl</b>	<b>Galaxy E0</b>	<b>PB,CS,R,PSVMBM,*10NP</b>
Sep 09 1980	12.5" 16mm	BNUC		
Sep 27 1981	12.5" 16mm	MB,MS,BNUC,MBM,R,HISB IN CENTER NUC,NUC DET,F* OFF TO W		
<b>H2-3</b>	<b>NGC 875</b>	<b>Cet</b>	<b>Galaxy S0+</b>	<b>VF,VS,(=867)</b>
Oct 12 2007	31" 17mmT4	PB,MS,R,SMALL BNUC,HISB,SMBM,BM,PAIR=IC218,R=G		
Sep 27 1981	12.5" 16mm	VDIF,MF,ML,F*W SIDE,PATCH-OVAL,UB,NND		
<b>H2-4</b>	<b>NGC 2261</b>	<b>Mon</b>	<b>Nebula E+R</b>	<b>B,VME330,N COM=*11</b>
Oct 05 2002	12.5" 9mmT6	PB,ML,TRIANGLE SHAPE,F* AT HEAD,COMET LIKE,NEB UB,MOD HISB		
Oct 31 1980	12.5" 24mm			
Sep 10 1980	12.5" 24mm	COMET LIKE APP,NICE		
<b>H2-5</b>	<b>NGC 4536</b>	<b>Vir</b>	<b>Galaxy SAB(rs)bc</b>	<b>B,VL,ME110,SBM,ER</b>
May 03 1981	12.5" 24mm	DIF,PB,EL,ELONG,DARM,PAIR/4527		
<b>H2-6</b>	<b>NGC 2304</b>	<b>Gem</b>	<b>Open Cluster II 1 m</b>	<b>CL,PL,RI,MC,ST VS</b>
Feb 21 1984	12.5" 16mm	SAME		
Oct 30 1981	12.5" 16mm	MF,ML,WEDGE SHAPE,F*S SAME MAG,APPROX 50*S		
Oct 31 1980	12.5" 24mm	VERY COMPACT,LOOKS LIKE A GAL,MANY F*S GIVES APPEAR OF NEB		
<b>H2-7</b>	<b>NGC 2244</b>	<b>Mon</b>	<b>Open Cluster 7.0 II 3 r n</b>	<b>CL,BEAUTIFUL,STSC</b>
Aug 21 1982	12.5" 24mm	MB,VL,SCATTERED,7..9 MAG *S,APPROX 20*S,ALMOST FILLS 24MM FOV		
Feb 25 1984	12.5" 24mm	SAME		
Mar 18 2007	31" 31mmT5	EB,EEL,SEVERAL FOV'S,NICE,FEW B*S WITH VARIOUS MAGNITUDES,LOOSLY SCATTERED,R=G		
Sep 10 1980	12.5" 24mm			
<b>H3-1</b>	<b>NGC 3166</b>	<b>Sex</b>	<b>Galaxy SAB(rs)0/a</b>	<b>B,PS,R,PSMBM,2ND OF3</b>
Nov 24 2006	12.5" 12mmT4	VF,PL,OVAL,R,LARGE BNUC,GMBM,HISB MIDDLE,HISB,PAIR=3169/3165,R=E		
Oct 22 1982	12.5" 16mm	MB,PS,BNUC,R,GBM,HISB TOWARDS CENTER,PAIR/3169		
<b>H3-2</b>	<b>NGC 157</b>	<b>Cet</b>	<b>Galaxy SAB(rs)bc</b>	<b>PB,L,E,BET2CB*</b>
Sep 07 1980	12.5" 24mm	LARGE,FAINT,BETWEEN 2*S		
Sep 10 1980	12.5" 24mm			
Sep 21 1984	12.5" 16mm	DIF,PB,BL,12TH MAG * IN E SIDE,HISB,R,KNOTS SUSP,UNIFORM BRIGHTNESS		
<b>H3-4</b>	<b>NGC 2245</b>	<b>Mon</b>	<b>Nebula R</b>	<b>PL,COM,MBN SFALM*</b>
Oct 05 2002	12.5" 9mmT6	PB,PL,DIF NUBULA,CLOSE TO A B*,NEB OFF SET FROM *,MOD HISB		
<b>H3-6</b>	<b>NGC 2269</b>	<b>Mon</b>	<b>Open Cluster 10.0 II 1 p</b>	<b>CL,VMC,NOT RI,ST VS</b>
Oct 05 2002	12.5" 9mmT6	PB,ML,ELONG,* DIFFERENT MAG,APPROX 10-11 MAG		
<b>H3-8</b>	<b>NGC 2251</b>	<b>Mon</b>	<b>Open Cluster 9.1 III 2 m</b>	<b>CL,VL,E,RI,LC</b>
Feb 25 1984	12.5" 24mm	SAME		
Oct 16 1982	12.5" 24mm	LOOSE AND SCATTERED,RECTANGLE SHAPE,APPROX 40*S,ALMOST FILLS 24MM FOV		
<b>H4-1</b>	<b>NGC 3169</b>	<b>Sex</b>	<b>Galaxy SA(s)a pec</b>	<b>B,PL,VLE,PGMBM,3RD-3</b>

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<b>H4-1</b>	<b>NGC 3169</b>	<b>Sex</b>	<b>Galaxy SA(s)a pec</b>	<b>B,PL,VLE,PGMBM,3RD-3</b>
Nov 24 2006	12.5"	12mmT4	VB,PL,OVAL,LARGE BNUC,HISB,GMBM,PAIRS=3166/3165,R=E	
Oct 22 1982	12.5"	16mm	MB,PS,DNUC,R,SBM,MOD HISB,B*NW,PAIR/3166	
<b>H4-2</b>	<b>NGC 596</b>	<b>Cet</b>	<b>Galaxy E+ pec:</b>	<b>PB,R,BM,R,*6F12'</b>
Sep 07 1980	12.5"	24mm	PAIR/584	
Sep 10 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	MF,PS,BNUC,B TOWARDS MIDDLE,SMALL NUC	
<b>H4-3</b>	<b>NGC 2939</b>	<b>Leo</b>	<b>Galaxy Sbc</b>	<b>VF,S,VLE,BM,TRI STNF</b>
Feb 25 2004	31"	17mmT4	MB,VL,LARGE BNUC,MOD HISB MIDDLE,GMBM,F* IN EDGE OF GAL,PAIR/2940/IC548,R=G	
<b>H4-5</b>	<b>NGC 4123</b>	<b>Vir</b>	<b>Galaxy SB(r)c</b>	<b>CF,VL,E90,BMN</b>
Apr 25 1981	12.5"	24mm	DIF,VF,PL,FNUC,F HALO	
<b>H4-7</b>	<b>NGC 1817</b>	<b>Tau</b>	<b>Open Cluster 9.0 IV 2 r</b>	<b>CL,L,RI,LC,ST11...14</b>
Aug 21 1982	12.5"	24mm	MB,SL,3B**S IN W PART,WELL PLACED IN 24MM,APPROX 50**S,SCATTERED	
Dec 25 1984	12.5"	48mm	SAME	
<b>H5-1</b>	<b>NGC 3655</b>	<b>Leo</b>	<b>Galaxy SA(s)c:</b>	<b>PB,PS,IR,BM,R</b>
Jan 30 1981	12.5"	24mm	DIF,PB,VS,DNUC,FAINT HALO	
Mar 03 1984	12.5"	12mm	DIF,MB,PS,MOD HISB,OVAL,UB	
<b>H5-2</b>	<b>NGC 1032</b>	<b>Cet</b>	<b>Galaxy S0/a sp</b>	<b>PB,S,VLE,BM,3*TRAP</b>
Sep 06 2002	12.5"	9mmT6	PB,PL,HISB,SBM,OVAL,LARGE NUC AREA	
<b>H5-4</b>	<b>NGC 4437</b>	<b>Vir</b>	<b>Galaxy SA(s)cd: sp</b>	<b>F,EE75,*10NF</b>
May 01 1981	12.5"	24mm	PF,EL,EDGE ON,FARM	
May 30 2014	36"	17mmT4	MB,EL,EDGE ON,NND,PA~90,EDGE TO EDGE IN EYEPIECE FOV,SHISB,GRANULAR,DUST,BROKEN PARTS,SOMEWHAT CENTRAL BULGE,R=G	
<b>H5-5</b>	<b>NGC 4293</b>	<b>Com</b>	<b>Galaxy (R)SB(s)0/a</b>	<b>F,VL,E,LBM,R</b>
Feb 12 1983	12.5"	16mm	DIF,PF,ML,F*E TIP,NND,KNTS SUSP,UB,SEVERAL **S OFF ONE SIDE	
Jun 10 1980	6"	24mm		
Mar 08 2010	31"	17mmT4	MB,PL,ELOIG,EDGE ON,LARGE FNUC,SOME GRANULAR AREAS DET,R=G	
<b>H5-6</b>	<b>NGC 2194</b>	<b>Ori</b>	<b>Open Cluster 13.0 II 2 r</b>	<b>CL,L,RI,GVMCM</b>
Aug 21 1982	12.5"	24mm	MF,PS,40-50**S,FAINT GLOW BETWEEN **S,SLIGHTLY OVAL	
Dec 30 1983	12.5"	24mm	SAME	
<b>H5-7</b>	<b>NGC 2236</b>	<b>Mon</b>	<b>Open Cluster 12.0 II 2 m</b>	<b>CL,PRI,PC,*10,12..15</b>
Oct 05 2002	12.5"	9mmT6	PB,PL,APPROX 50**S VARIOUS MAG,**S SPIRAL INTO CENTER	
<b>H5-8</b>	<b>NGC 2264</b>	<b>Mon</b>	<b>Open Cluster 5.0 III 3 m n</b>	<b>15MON,CL,**,(NEB)</b>
Feb 25 1984	12.5"	24mm	SAME	
Oct 16 1982	12.5"	24mm	MF,ML,11 FAINT**S AROUND A BRT * WITH AN OVAL PATCH OF NEB	
Sep 10 1980	12.5"	24mm		
<b>H6-1</b>	<b>NGC 5363</b>	<b>Vir</b>	<b>Galaxy I0?</b>	<b>B,PL,R,PSBM,*8NF</b>
Feb 12 1983	12.5"	16mm	VB,ML,BNUC,R,BM,PAIR/5364	
<b>H6-6</b>	<b>NGC 2355</b>	<b>Gem</b>	<b>Open Cluster 13.0 II 2 m</b>	<b>CL,PS,PRI,MC,*15..16</b>
Feb 21 1984	12.5"	16mm	SAME	
Oct 16 1982	12.5"	24mm	MF,ML,B* N 1 OBJECT DIA,FEW B**S WITH 50 FAINTER **S,SCATTERED	
Oct 30 1981	12.5"	24mm	B* SURR BY SEVERAL F**S,DIF HALO OF FAINTER **S IN BACKGROUND	
<b>H6-8</b>	<b>NGC 2180</b>	<b>Ori</b>	<b>Open Cluster 12.0 cluster?</b>	<b>CL,PRI,LC,ST L\$S</b>
Feb 21 2006	31"	31mmT5	VB,VL,APPROX 10**S,NOT MUCH CLUSTERING,VARIOUS MAGNITUDES,R=P	
<b>H7-2</b>	<b>NGC 1589</b>	<b>Tau</b>	<b>Galaxy Sab sp</b>	<b>F,PL,LE132,*80"NP</b>
Sep 06 2002	12.5"	9mmT6	ELONG,F* OF NUC,BM,LARGE NUC,MOD HISB,PAIR/1587/1588	
<b>H7-3</b>	<b>NGC 2508</b>	<b>CMi</b>	<b>Galaxy E?</b>	<b>F,VS,VLE,2*P</b>
Feb 15 2004	31"	17mmT4	PB,MS,OVAL,LARGE BNUC,GMBM,HISB MIDDLE,R=G	

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<b>H7-3</b>	<b>NGC 2508</b>	<b>CMi</b>	<b>Galaxy E?</b>	<b>F,VS,VLE,2*P</b>
Feb 15 2004	31"	17mmT4	PB,MS,OVAL,LARGE BNUC,GMBM,HISB MIDDLE,R=G	
<b>H7-4</b>	<b>NGC 3507</b>	<b>Leo</b>	<b>Galaxy SB(s)b</b>	<b>CF,PL,R,SBMS*,*9ATT</b>
Jan 08 2003	12.5"	9mmT6	VB,VL,BNUC,B*ON EDGE OF GAL,HISB,SMALL CENTRAL REGION	
<b>H7-5</b>	<b>NGC 3346</b>	<b>Leo</b>	<b>Galaxy SB(rs)cd</b>	<b>CF,VL,R,VGVLM,ER</b>
Dec 03 1980	12.5"	24mm	FAINT AND DIF	
Feb 25 1984	12.5"	12mm	VDIF,VF,MS,PATCHY,OVAL,NND	
Jan 30 1981	12.5"	24mm	PB,PL,ELONG,BNUC,DIM HALO	
<b>H7-6</b>	<b>NGC 5053</b>	<b>Com</b>	<b>Globular</b>	<b>CL,VF,PL,IR,VGBM,*15</b>
Apr 11 2015	36"	17mmT4	MB,PL,DOZ OR SO B*S LOOSLY SCATTERED,LITTLE CLUSTERING IN NUC AREA DET,OC LIKE,~TYPE XII,R=G	
Mar 22 2004	12.5"	12mmT4	VDIF,EF,VL,OVAL,FAINT PATCHY AREAS DETECTED,MORE WITH AV,R=P	
Mar 27 1981	12.5"	24mm		
<b>H7-7</b>	<b>NGC 6520</b>	<b>Sgr</b>	<b>Open Cluster 9.0 I 2 r n</b>	<b>CL,PS,RI,LC,ST9...13</b>
Aug 13 1982	12.5"	24mm	MB,ML,LOOSE,R,40*S,20F*S CLUSTERED TOWARDS MIDDLE,8...12MAG	
Jun 18 1980	12.5"	24mm		
Sep 20 1984	12.5"	12mm	MF,ML,2*S IN CENTER APPROX SAME MAG,SCATTERED,BRT *S WITH F* IN CENTER	
<b>H7-8</b>	<b>NGC 1663</b>	<b>Ori</b>	<b>Open Cluster IV 2 p c</b>	<b>CL,LRI,ST L\$S</b>
Sep 06 2002	12.5"	9mmT6	PB,ML,APPROX 20*S,305 B*S WITH FAINTER OTHERS,TAKES POWER WELL	
<b>H8-1</b>	<b>NGC 4698</b>	<b>Vir</b>	<b>Galaxy SA(s)ab</b>	<b>CB,PL,IR,BM,R</b>
Mar 27 1982	12.5"	12mm	MF,MS,DNUC,DIF HALO,SMBM,R,BETWEEN 2F*S	
<b>H8-2</b>	<b>NGC 1587</b>	<b>Tau</b>	<b>Galaxy E pec</b>	<b>F,PS,R,R,P OF D NEB</b>
Sep 06 2002	12.5"	9mmT6	PB,PL,OVAL,LARGE NUC,MOD HISB,BM,COMP=1588	
<b>H8-3</b>	<b>NGC 2894</b>	<b>Leo</b>	<b>Galaxy Sa</b>	<b>VF,E,ER,2OR3* INV</b>
Jan 20 2004	31"	17mmT4	VB,ML,R,SMALL BNUC,B*S BOTH SIDES,MOD HISB,R=G	
<b>H8-4</b>	<b>NGC 4567</b>	<b>Vir</b>	<b>Galaxy SA(rs)bc</b>	<b>VF,L,NP OF D NEB</b>
Jun 04 1981	12.5"	24mm	DIF,PB,VL,ELONG,DIM HALO,PAIR/4564/4568	
Jun 10 1980	6"	24mm	NOT SURE IF IT IS 4567 OR 4568	
May 09 2010	31"	17mmT4	MB,PL,OVAL,VSNUC,SHISB,STELLAR LIKE NUC,TOUCHING=4568,EXCELLENT PAIR,R=E	
<b>H8-5</b>	<b>NGC 3628</b>	<b>Leo</b>	<b>Galaxy Sb pec sp</b>	<b>PB,VL,VME102</b>
Dec 03 1980	12.5"	24mm		
Jan 30 1981	12.5"	24mm	DIF,PF,EL,EDGE ON,FAINT HALO,PAIR/M66/M65/3626	
Jun 10 1980	6"	24mm	BETWEEN 2 F*S,SAME FOV AS M65/M66	
Mar 03 1984	12.5"	12mm	DIF,MF,PL,EDGE ON,VF*S S OF EAST ARM,DARK LANES DET,UB,NND	
Mar 06 2010	31"	17mmT4	EB,EL,EDGE ON UB,SHISB,SEVERAL F*S IN TIP,DUST LANE,2 HALVES,ONE HALF THICKER THAN OTHER,R=EE	
Mar 27 1981	12.5"	24mm		
<b>H8-7</b>	<b>NGC 6940</b>	<b>Vul</b>	<b>Open Cluster 11.0 III 2 r</b>	<b>CL,VB,VL,VRI,CC,STPL</b>
Jul 30 1981	12.5"	12mm	PB,PL,LARGE IN B* FIELD	
Jun 20 1980	12.5"	24mm	GREAT,VL,FILLS FOV,PB	
Sep 19 1984	12.5"	16mm	VB,VL,*S SCATTERED AND APPROX SAME MAG,FILLS FOV	
<b>H8-8</b>	<b>NGC 1647</b>	<b>Tau</b>	<b>Open Cluster 9.0 II 2 r</b>	<b>CL,VL,ST L,SC</b>
Aug 21 1982	12.5"	24mm	MB,EL,APPROX 20*S,FILLS 24MM,LOOSE,SCATTERED	
<b>H9-1</b>	<b>NGC 4179</b>	<b>Vir</b>	<b>Galaxy S0 sp</b>	<b>PB,PS,PME135,BMN</b>
Apr 25 1981	12.5"	24mm	DIF,PF,PS,ELONG,BNUC,F HALO	
<b>H9-2</b>	<b>NGC 1588</b>	<b>Tau</b>	<b>Galaxy E pec?</b>	<b>F,VS,R,R,F OF DNEB</b>
Sep 06 2002	12.5"	9mmT6	MF,ML,OVAL,SBM,COMP=1587	
<b>H9-4</b>	<b>NGC 4568</b>	<b>Vir</b>	<b>Galaxy SA(rs)bc</b>	<b>VF,L,SF OF D NEB</b>

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<b>H9-4</b>	<b>NGC 4568</b>	<b>Vir</b>	<b>Galaxy SA(rs)bc</b>	<b>VF,L,SF OF D NEB</b>
Jun 04 1981	12.5" 24mm	DIF,PB,VL,ELONG,DIM HALO,PAIR/4564/4567		
May 09 2010	31" 17mmT4	MB,PL,OVAL,NND,SHISB,PATCHY,BROKEN ARMS/DUST,TOUCHING=4567,EXCELLENT PAIR,R=E		
<b>H9-5</b>	<b>NGC 6526</b>	<b>Sgr</b>	<b>Nebula E</b>	<b>F,L,CE</b>
Sep 04 2002	12.5" 24mm	EF,PL,DIF NEBULA,LARGE AREA OF NEB,BARELY DETECTED		
<b>H9-6</b>	<b>NGC 5466</b>	<b>Boo</b>	<b>Globular</b>	<b>CL,L,VRI,VMC,ST11...</b>
Apr 11 2015	36" 17mmT4	MB,ML,BRT 'S LOOSLY SCATTERED,FT SOFT BACKGROUND AROUND NUC AREA,~TYPE XI,R=G		
Jul 14 1980	12.5" 24mm			
May 06 1981	12.5" 16mm	VB,EL		
<b>H9-7</b>	<b>NGC 6830</b>	<b>Vul</b>	<b>Open Cluster 10.0 II 2 p</b>	<b>CL,L,PRI,PC,*11...12</b>
Jul 30 1981	12.5" 16mm	APPROX 20*S,8..9 MAG,MB,ML		
Jul 30 1981	12.5" 24mm	EASILY DET		
Sep 19 1984	12.5" 16mm	SAME,MB,ML,*S SCATTERED,DARK AREA DET IN NORTH REGION		
<b>H9-8</b>	<b>NGC 2234</b>	<b>Gem</b>	<b>Open Cluster 11.0 cluster?</b>	<b>CL,EL,PRI,LC,ST L\$\$</b>
Dec 06 2002	12.5" 24mm	VB,VL,NOT WELL PLACED,APPROX 50 *S VARIOUS MAGNITUDES		
<b>H10-1</b>	<b>NGC 4643</b>	<b>Vir</b>	<b>Galaxy SB(rs)0/a</b>	<b>CB,PS,LE,MBM</b>
Jun 04 1981	12.5" 24mm	DIF,BNUC,DIM HALO		
Mar 27 1982	12.5" 12mm	MB,MS,ELONG,BNUC,VMBM,HISB TOWARDS MIDDLE,B* OFF TO SIDE		
<b>H10-2</b>	<b>NGC 7800</b>	<b>Peg</b>	<b>Galaxy Im?</b>	<b>F,PS,E39</b>
Oct 01 2005	31" 17mmT4	VB,VL,ELONG,BNUC,ELONG HISB NUC,VF*S OFF ONE EDGE,R=G		
<b>H10-4</b>	<b>NGC 3239</b>	<b>Leo</b>	<b>Galaxy IB(s)m pec</b>	<b>VF,*9INV NR M</b>
Mar 26 2006	31" 17mmT4	PB,VL,PATCH,SHISB,BRT H2 REG DET,B* IN GAL,MOD HISB PATCHES,MANY COMP,R=G		
<b>H10-6</b>	<b>NGC 6144</b>	<b>Sco</b>	<b>Globular</b>	<b>CL,CL,MC,GBM,RRR</b>
Aug 13 1982	12.5" 24mm	DIF,MF,PS,CLOSE TO ANTARIES,F*W,F*N EDGE,OVAL,NO CENTRAL GATHERING DET		
May 28 2008	31" 17mmT4	MB,PL,RESOLVED,SEVERAL B*S WITH FAINTER BACKGROUND,CORE NOT SO COMPACT,R=G		
<b>H10-7</b>	<b>NGC 2482</b>	<b>Pup</b>	<b>Open Cluster 10.0 IV 1 m</b>	<b>CL,L,CRI,VLC</b>
Dec 03 1980	12.5" 24mm	BLENDS IN WITH FIELD *S,DOESNOT STAND OUT WELL		
<b>H11-2</b>	<b>NGC 4237</b>	<b>Com</b>	<b>Galaxy SAB(rs)bc</b>	<b>PB,PL,LE,VGBM,R</b>
Mar 22 2004	12.5" 12mmT4	MF,PL,OVAL,LARGE FNUC,SHISB,LOC IN BARRON FOV,R=G		
<b>H11-4</b>	<b>NGC 6369</b>	<b>Oph</b>	<b>Planetary Neb 4+2</b>	<b>RINGNEB,PB,S,R</b>
Jun 04 1981	12.5" 24mm	GREEN,MF,MS,NO CENTRAL * DET		
Jun 18 1980	12.5" 9mm	GOOD,LOC BESIDE F*,DISK DET		
May 18 2009	31" 17mmT4	MB,ML,R,RESEMBLES M57,C* APPROX 15TH MAG,RING WITH FT NEB INSIDE,SOMEWHAT BRIGHTER AROUND C*,OIII DOESNOT HELP MUCH,NEB SLIGHTLY BRIGHTER,R=E		
<b>H11-6</b>	<b>NGC 6284</b>	<b>Oph</b>	<b>Globular</b>	<b>GCL,B,L,R,CM,ST16...</b>
Jul 21 1984	12.5" 16mm	PF,PS,FNUC,NOT RESOLVED,SBM,PATCHY		
Jun 04 1981	12.5" 24mm	MB,PL,BNUC		
Jun 18 1980	12.5" 24mm	BETTER THAN 6287,BNUC		
Jun 18 1980	12.5" 24mm			
<b>H11-7</b>	<b>NGC 2539</b>	<b>Pup</b>	<b>Open Cluster 9.0 III 2 m</b>	<b>CL,VL,RI,LC,*11...13</b>
Dec 03 1980	12.5" 24mm	DOUBLE * IN CLUSTER (YELLOW & BLUE),BEAUTIFUL!!!		
<b>H11-8</b>	<b>NGC 2395</b>	<b>Gem</b>	<b>Open Cluster 10.0 IV 2 m</b>	<b>CL,PRI,C</b>
Feb 21 1984	12.5" 24mm	SAME		
Oct 30 1981	12.5" 24mm	MB,PL,SOME B*S WITH FAINTER *S		
<b>H12-2</b>	<b>NGC 4651</b>	<b>Com</b>	<b>Galaxy SA(rs)c</b>	<b>CB,L,E90,GBM,R</b>
Mar 20 2009	31" 17mmT4	PF,ML,OVAL.SBNUC,MHISB,P AREAS IN ARMS DET,SMBM,SPIRAL ARMS,GRANDULAR ARMS,R=E		

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<b>H12-2</b>	<b>NGC 4651</b>	<b>Com</b>	<b>Galaxy SA(rs)c</b>	<b>CB,L,E90,GBM,R</b>
Mar 20 2009	31"	17mmT4	PF,ML,OVAL.SBNUC,MHISB,P AREAS IN ARMS DET,SMBM,SPIRAL ARMS,GRANDULAR ARMS,R=E	
<b>H12-4</b>	<b>NGC 6553</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,F,L,LE,VGLBM,RR</b>
Aug 13 1982	12.5"	16mm	MF,PL,OVAL,PATCHY,F*N EDGE,SBM	
Sep 21 1984	12.5"	16mm	SAME,DARK PATCH DET ON EDGE	
<b>H12-6</b>	<b>NGC 6293</b>	<b>Oph</b>	<b>Globular</b>	<b>GCL,VB,L,R,PSBM,ST16</b>
Jul 21 1984	12.5"	12mm	MB,PL,BNUC,R,SBM,NO *S RESOLVED	
Jun 04 1981	12.5"	24mm	MB,ML,BNUC	
Jun 18 1980	12.5"	24mm		
<b>H12-7</b>	<b>NGC 2360</b>	<b>CMa</b>	<b>Open Cluster 10.4 I 3 r</b>	<b>CL,VL,RI,PC,ST9...12</b>
Oct 16 1982	12.5"	24mm	MB,ML,APPROX 50*S SAME MAG,RESEMBLES WILD DUCK CLUSTER	
Oct 31 1980	12.5"	24mm	LOOKS LIKE SMALL BEE HIVE	
<b>H12-8</b>	<b>NGC 6664</b>	<b>Sct</b>	<b>Open Cluster 9.0 III 2 m</b>	<b>CL,L,PRI,VLC</b>
Aug 13 1982	12.5"	24mm	MB,VL,APPROX 20*S,SCATTERED,B* IN FIELD,SOMEWHAT V SHAPED	
Aug 13 2007	31"	31mmT5	VB,EEL,APPROX 40*S,SOME CLUSTERING,LOOSLY SCATTERED,FILLS FOV,R=P	
<b>H13-1</b>	<b>NGC 3521</b>	<b>Leo</b>	<b>Galaxy SAB(rs)bc</b>	<b>CB,CL,ME140,VSMBMN</b>
Feb 25 1984	12.5"	12mm	MB,PL,ELONG,BNUC,VERY MBM,SMALL BRT NUC	
Jan 30 1981	12.5"	24mm	VB,PL,ELONG,BNUC,DIM HALO	
<b>H13-2</b>	<b>NGC 3705</b>	<b>Leo</b>	<b>Galaxy SAB(r)ab</b>	<b>PF,PL,R,VSMBM,R</b>
Jan 30 1981	12.5"	24mm	DIF,PF,PL,ELONG,FNUC,DIM HALO	
Mar 03 1984	12.5"	12mm	MB,ML,EDGE ON,BNUC,SMALL BRT NUC,SBM,NO *S	
<b>H13-4</b>	<b>NGC 6894</b>	<b>Cyg</b>	<b>Planetary Neb 4+2</b>	<b>RINGNEB,F,S,VVLE</b>
Aug 15 2009	31"	17mmT4	MB,ML,OVAL,NO C*,VF* IN EDGE OF RING,MINI M57,OIII,MORE NEB,EDGES FRAILED,R=E	
Sep 04 2002	12.5"	9mmT6	MF,PS,UB,OVAL,CENTRAL REGION DARK PATCH,ONE SIDE SLIGHTLY BRIGHTER	
<b>H13-6</b>	<b>NGC 6451</b>	<b>Sco</b>	<b>Open Cluster 12.0 I 2 r n</b>	<b>CL,PL,PRI,BIFID,ST12</b>
Aug 13 1982	12.5"	24mm	MF,MS,HAS A NORTHERN BULGE OF *S,30-40*S WITH FAINT BACKGROUND GLOW OF MANY *	
Jun 18 1980	12.5"	24mm		
<b>H13-7</b>	<b>NGC 2204</b>	<b>CMa</b>	<b>Open Cluster 13.0 II 2 r</b>	<b>CL,L,PRI,LC</b>
Oct 16 1982	12.5"	24mm	VF,ML,LOOSE-SCATTERED,APPROX 50*S,BRT * OUTSIDE CLUSTER	
<b>H14-4</b>	<b>NGC 6772</b>	<b>Aql</b>	<b>Planetary Neb 3b+2</b>	<b>VF,L,R,VVLBM,R</b>
Jul 10 1981	12.5"	12mm	VDIF,R,LOCATED IN BARREN * FIELD,EF	
<b>H14-5</b>	<b>NGC 6992</b>	<b>Cyg</b>	<b>Nebula E</b>	<b>EF,EL,EE,EIF,BIFID</b>
Sep 04 2002	12.5"	32mm	VB,EEL,SNR,HISB,ARC GOES 2 FOV'S	
<b>H14-6</b>	<b>NGC 6802</b>	<b>Vul</b>	<b>Open Cluster 14.0 I 1 m</b>	<b>CL,L,VC,E0,ST14...18</b>
Jul 30 1981	12.5"	16mm	ELONG,*S 10..12 MAG,MF,ML	
Sep 19 1984	12.5"	16mm	MF,ML,ELONG-REC SHAPE,MANY *S APPROX SAME MAG,MANY *S RESOLVED	
<b>H14-7</b>	<b>NGC 2318</b>	<b>CMa</b>	<b>Open Cluster 8.0 asterism?</b>	<b>CL,L,SC ST8...9</b>
Nov 21 2006	12.5"	12mmT4	PB,VS,B* WITH A FEW VF*S CLOSE BY,NO CLUSTERING DET,R=P	
<b>H15-1</b>	<b>NGC 4666</b>	<b>Vir</b>	<b>Galaxy SABc:</b>	<b>B,VL,ME45,PSBM</b>
Mar 27 1982	12.5"	12mm	DIF,MF,PL,EDGE ON,FNUC,STELL NUC,SBM,TAPPERED ENDS	
<b>H15-2</b>	<b>NGC 4578</b>	<b>Vir</b>	<b>Galaxy SA(r)0^:</b>	<b>PF,PS,R,SBMN,*NP</b>
Jun 04 1981	12.5"	24mm	VF,ES,DNUC	
<b>H15-3</b>	<b>NGC 3646</b>	<b>Leo</b>	<b>Galaxy Ring</b>	<b>CF,CL,LE,GBM,SP OF 2</b>
Jan 30 1981	12.5"	24mm	DIF,PF,VL,FAINT ARMS	
Mar 03 1984	12.5"	16mm	VDIF,VF,ML,F* TO W SIDE,OVAL-PATCH,UB,NND	
<b>H15-4</b>	<b>NGC 16</b>	<b>Peg</b>	<b>Galaxy SAB0- sp</b>	<b>PB,S,R,BM</b>

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<b>H15-4</b>	<b>NGC 16</b>	<b>Peg</b>	<b>Galaxy SAB0- sp</b>	<b>PB,S,R,BM</b>
Aug 30 2003	31"	25mm	VB,PL,ELONG,LARGE BRT NUC,HISB,FAINT ARMS TAPPERED,R=G	
Sep 10 1980	12.5"	24mm		
Sep 12 2002	12.5"	9mmT6	VF,PL,ELONG,VERY BM,LARGE NUC,HISB,FAINT ARMS,ELONG-OVAL,PAIR/22	
Sep 21 1984	12.5"	12mm	DIF,EF,ES,STAR LIKE,S ELONG,B* JUST TO N SEVERAL GAL DIAMETER,	
Sep 21 1984	12.5"	16mm	DIF,VF,VS,ELONG,BM,NO *S,PAIR WITH NGC 1	
<b>H15-5</b>	<b>NGC 6960</b>	<b>Cyg</b>	<b>Nebula E</b>	<b>PB,CL,EIF,KAPPACYGIN</b>
Sep 04 2002	12.5"	32mm	PB,EL,SNR,WHIPS ON BOTH SIDES OF B* EASILY DETECTED,PARTS OF SNR HAVE HISB	
<b>H15-8</b>	<b>NGC 6604</b>	<b>Ser</b>	<b>Open Cluster 7.5 I 3 m n</b>	<b>CL,LRI,LC</b>
Sep 04 2002	12.5"	24mm	VP,PL,*S DIFFERENT MAG,FEW B*S WITH FAINT BACKGROUND GLOW	
<b>H16-1</b>	<b>NGC 4753</b>	<b>Vir</b>	<b>Galaxy I0</b>	<b>CB,L,VLE,VGLBM</b>
Feb 12 1983	12.5"	16mm	MB,ML,ELONG,DNUC,SMB,STELL NUC	
<b>H16-4</b>	<b>NGC 6905</b>	<b>Del</b>	<b>Planetary Neb 3+3</b>	<b>PLN,B,PS,R,4S*NR</b>
Aug 15 2009	31"	17mmT4	PB,ML,OVAL,C* 14TH,PATCHY AREAS,GREENISH,ONE SIDE BRTER THAN OTHER,OIII,HELPS, MORE PATCHY AREAS,ENDS BROKEN,R=E	
Jul 08 1983	12.5"	12mm	MF,PS,R,TRI OF *S AROUND OBJECT,OUTER EDGES FAINTER THAN MIDDLE	
Jul 30 1981	12.5"	12mm	BLUEISH GREEN COLOR,R,EDGES WELL DEF,CENTRAL * VERY FAINT,UB	
<b>H16-5</b>	<b>NGC 68</b>	<b>And</b>	<b>Galaxy SA0-</b>	<b>EF,L,3OR4*+NEB</b>
Nov 20 2003	31"	17mmT4	MB,PS,R,LARGE BNUC,SMB,SHISB MIDDLE,NGC 70 CLUSTER OF 12,R=G	
Oct 05 2002	12.5"	9mmT6	DIF,PF,PS,R,BM,MOD HISB,GALAXY CLUSTER	
<b>H16-7</b>	<b>NGC 2354</b>	<b>CMa</b>	<b>Open Cluster 9.1 III 2 r</b>	<b>CL,CRI,LC</b>
Oct 16 1982	12.5"	24mm	MF,VL,LOOSE,SCATTERED,APPROX 30*S	
Oct 31 1980	12.5"	24mm	LOOSE,NOT MUCH CLUSTERING	
<b>H16-8</b>	<b>NGC 6834</b>	<b>Cyg</b>	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,P,LC,*11...12</b>
Jul 30 1981	12.5"	24mm	MB,ML,EASILY DET,B* IN CENTER,SMALL CLUSTERING TO N SIDE	
Sep 19 1984	12.5"	16mm	SAME,MB,MS,LARGE DARK NEB NORTH SEVERAL DEGREES,STANDS OUT WELL	
<b>H17-1</b>	<b>NGC 3379</b>	<b>Leo M105</b>	<b>Galaxy E1</b>	<b>VB,CL,R,PSBM,R</b>
Dec 03 1980	12.5"	24mm		
Feb 25 1984	12.5"	16mm	MB,ML,BNUC,R,PAIR/3384/3389	
Jan 30 1981	12.5"	24mm	EB,VL,BNUC,PAIR/3384/3389	
Mar 02 1984	10"	20mm	SAME	
Mar 08 2013	36"	17mmT4	MESSIER MARATHON 2013	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
<b>H17-2</b>	<b>NGC 4235</b>	<b>Vir</b>	<b>Galaxy SA(s)a sp</b>	<b>PB,PL,PME,BM,P OF 2</b>
Apr 25 1981	12.5"	24mm	DIF,PF,PS,FNUC,F HALO,PAIR/4233/4224	
<b>H17-4</b>	<b>NGC 1253</b>	<b>Eri</b>	<b>Galaxy SAB(rs)cd</b>	<b>*12W/NEB F,90"L</b>
Nov 17 2012	36"	17mmT4	VB,VL,ELONG,NND,VF* IN GAL,B* IN EDGE,PATCHY,GRANULAR,IRR,SHISB,GAS,DUST,PAIR=1253A,R=GE	
<b>H17-5</b>	<b>NGC 598</b>	<b>Tri M33</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN 6</b>
Aug 19 1980	12.5"	32mm		
Aug 22 1980	12.5"	24mm		
Jul 15 1980	12.5"	24mm	EF,EL,LOOKS LIKE DIF NEB,NO SPR STR DET	
Jul 24 1980	12.5"	32mm	BEST I'VE EVER SEEN,GREAT!!!	
Mar 02 1984	10"	20mm	SAME	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
Oct 31 1980	12.5"	24mm		

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<b>H17-5</b>	<b>NGC 598</b>	<b>Tri M33</b>	<b>Galaxy SA(s)cd</b>	<b>EB,EL,R,VGBMN</b>	<b>6</b>
Oct 31 1980	12.5"	24mm			
Sep 03 1980	12.5"	24mm			
Sep 07 1980	12.5"	24mm			
Sep 10 1980	12.5"	32mm	GREAT!!,SEVERAL ARMS,STR SEEN		
Sep 14 2012	36"	17mmT4	EB,EEL,BNUC,SEVERAL FOV'S,KNOTS,SPR STR,H2 REGIONS,DUST,ARMS,TONS OF DETAIL,R=E		
Sep 18 1980	12.5"	24mm			
Sep 20 1981	12.5"	24mm			
Sep 23 1981	12.5"	16mm	MB,EL,BARM,SPIRAL STR DETECTED,H2 REGIONS DET,2-3 MAJOR ARMS SEEN		
<b>H17-6</b>	<b>NGC 2158</b>	<b>Gem</b>	<b>Open Cluster 15.0 I 3 r</b>	<b>CL,PS,MC,VRI,IRTR</b>	
Mar 27 1981	12.5"	24mm			
Oct 30 1981	12.5"	12mm	RESOLVED,DOZEN OR SO B*S IN FRONT OF FAINT HALO OF *S		
Sep 10 1980	12.5"	24mm			
<b>H17-7</b>	<b>NGC 2362</b>	<b>CMa</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,PL,RI,30CMA</b>	
Oct 16 1982	12.5"	24mm	APPROX 30*S,VB,VL,B* IN CENTER,TRI SHAPE,*S APPROX SAME MAG		
Oct 31 1980	12.5"	24mm	6TH MAG CENTRAL * SURROUNDED BY 9TH *S,EXCELLENT		
<b>H18-1</b>	<b>NGC 3384</b>	<b>Leo</b>	<b>Galaxy SB(s)0-</b>	<b>VB,L,R,PSMBM,2ND OF3</b>	
Dec 03 1980	12.5"	24mm			
Feb 25 1984	12.5"	16mm	MB,ML,ELONG,BNUC,BM,PAIR/3379/3389		
Jan 30 1981	12.5"	24mm	VB,PL,BNUC,FAINT HALO,PAIR/3379/3389		
Mar 27 1981	12.5"	24mm			
<b>H18-2</b>	<b>NGC 4470</b>	<b>Vir</b>	<b>Galaxy Sa?</b>	<b>F,PL,IR,BM</b>	
Mar 16 2010	31"	17mmT4	PB,ML,UB,NND,PATCHY,PAIR=4466,R=G		
<b>H18-4</b>	<b>NGC 7662</b>	<b>And</b>	<b>Planetary Neb 4+3</b>	<b>PLN ORRING,VB,PS,R</b>	
Aug 31 1984	12.5"	12mm	MB,VS,VERY R,UNIFORM BLUEISH COLOR,* CLOSE BY		
Jul 15 1980	12.5"	24mm			
Sep 02 2008	31"	17mmT4	VB,ML,OVAL,R,BRT GREENISH,BRT INNER RING NOT SYM,BRT GREENISH EDGES IN SPOTS,C* 14TH MAG,R=E		
Sep 23 1981	12.5"	16mm	BRT BLUEISH GREEN,UB,R WITH FUZZY EDGES,NO CENTRAL *,MB,PS,15* SW		
<b>H18-5</b>	<b>NGC 205</b>	<b>And M110</b>	<b>Galaxy E5 pec</b>	<b>VB,VL,ME165,VGVMBM</b>	
Aug 19 1980	12.5"	24mm			
Aug 22 1980	12.5"	24mm			
Aug 31 1984	12.5"	24mm	MB,PL,FNUC,COMP TO M31,ELONG,F* IN EASTERN PART,SOFT DIF NUCLEUS		
Jul 11 1980	12.5"	24mm			
Jul 17 1980	12.5"	24mm			
Jul 24 1980	12.5"	24mm	BEST OBSERVED TO DATE		
Mar 02 1984	10"	20mm	SAME		
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981		
Sep 10 1980	12.5"	24mm			
Sep 20 1981	12.5"	24mm	F* IN S ARM IN EQ PLANE		
Sep 24 1981	12.5"	16mm	SMBM,SLIGHTLY OVAL,FAINT ARMS,DIF,MB,PL,ELONGATED		
<b>H18-6</b>	<b>NGC 2309</b>	<b>Mon</b>	<b>Open Cluster 13.0 I 2 m</b>	<b>CL,PL,PRI,MC,ST13</b>	
Oct 05 2002	12.5"	9mmT6	PB,PL,SCATERED,NICE IN 9MM,*S APPROX SAME MAG		
<b>H18-7</b>	<b>NGC 6823</b>	<b>Vul</b>	<b>Open Cluster 8.8 I 3 m n</b>	<b>CL,CRI,E,ST11...12</b>	
Jul 30 1981	12.5"	16mm	R,B*S RESOLVED,4B*S IN CLUSTER,MB,ML,*S 8..9 MAG		
Jun 27 2003	12.5"	24mm	VB,VL,APPROX 30*,3B*S WITH MANY FAINTER *S,LOOSE,SCATTERED,PAIR=6820,R=F		



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<b>H18-7</b>	<b>NGC 6823</b>	<b>Vul</b>	<b>Open Cluster 8.8 I 3 m n</b>	<b>CL,CRI,E,ST11...12</b>
Jun 27 2003	12.5" 24mm	VB,VL,APPROX 30*,3B*S WITH MANY FAINTER *S,LOOSE,SCATTERED,PAIR=6820,R=F		
Sep 19 1984	12.5" 16mm	SAME,MB,PL,APPROX 20*S		
<b>H18-8</b>	<b>NGC 6837</b>	<b>Aql</b>	<b>Open Cluster IV 1 p</b>	<b>CL,S,P</b>
Jun 25 2003	12.5" 9mmT6	PB,ML,APPROX 15*S,FEW B*S,LOOSE,SCATTERED,DOES NOT STAND OUT WELL,*S 8-12 MAG		
<b>H19-1</b>	<b>NGC 4147</b>	<b>Com</b>	<b>Globular</b>	<b>GCL,VB,PL,R,GBM,RRR</b>
Feb 12 1983	12.5" 12mm	MB,PL,RESOLVED TO CORE,OUTER *S CLOSELY GROUPED,BM		
Jun 10 1980	6" 24mm	VF,LOOKS LIKE FAINT GAL		
Mar 08 2010	31" 17mmT4	PB,ML,TYPE APPROX VI,RESOLVED TO CORE,SBNUC,MOD HISB MIDDLE,F HALO OF *S RESOLVED,R=G		
<b>H19-3</b>	<b>NGC 2402</b>	<b>CMi</b>	<b>Galaxy Double System</b>	<b>EF,S,R,LBM,*INV</b>
Feb 15 2004	31" 17mmT4	MF,MS,R,UB,NND,VF* IN EDGE,SEVERAL *S IN LINE OFF ONE SIDE,PAIR=MAC,R=G		
<b>H19-4</b>	<b>NGC 2170</b>	<b>Mon</b>	<b>Nebula R</b>	<b>*9 INV,PL,NEB,E170</b>
Oct 05 2002	12.5" 9mmT6	PB,ML,BRT NEB AROUND BRT *,NEB MOD HISB		
<b>H19-5</b>	<b>NGC 891</b>	<b>And</b>	<b>Galaxy SA(s)b? sp</b>	<b>B,VL,VME22</b>
Aug 22 1980	12.5" 24mm			
Aug 31 1984	12.5" 16mm	MF,ML,EDGE ON,S ARM BETTER THAN N,DUST LANE DET,CENTRAL BULGE DET		
Jul 11 1980	12.5" 24mm			
Jul 17 1980	12.5" 24mm			
Jul 24 1980	12.5" 32mm	BEAUTIFUL!!!,DUST LANE VISIBLE		
Sep 10 1980	12.5" 24mm			
Sep 20 1981	12.5" 24mm			
Sep 23 1981	12.5" 24mm	F* 13MAG NW SIDE, FAINTER * TO S TIP OF ARM,BULGE DET,ML,MB, EDGE ON		
<b>H19-6</b>	<b>NGC 5897</b>	<b>Lib</b>	<b>Globular</b>	<b>GCL,PF,L,VIR,VGBM,</b>
May 02 1981	12.5" 16mm	PB,EL		
<b>H19-7</b>	<b>NGC 6755</b>	<b>Aql</b>	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,VL,VRI,PC,,*12.14</b>
Aug 31 1984	12.5" 24mm	SAME,MB,PL		
Jul 10 1981	12.5" 24mm	SOMEWHAT GROUPED TOGETHER,APPEARS TO BE A DOUBLE CLUSTER		
Jul 15 1980	12.5" 24mm			
<b>H19-8</b>	<b>NGC 6840</b>	<b>Aql</b>	<b>Open Cluster 10.0 cluster?</b>	<b>CL,P,LC</b>
Jun 25 2003	12.5" 9mmT6	MB,ML,NICE IN 9MM,*S APPROX SAME MAGNITUDE,PAIR=6843,R=F		
<b>H20-1</b>	<b>NGC 3666</b>	<b>Leo</b>	<b>Galaxy SA(rs)c:</b>	<b>F,E90,*6F34S,5'N</b>
Mar 03 1984	12.5" 12mm	DIF,MF,MS,VERY EDGE ON,F*N FROM NUC,SBM		
<b>H20-3</b>	<b>NGC 3433</b>	<b>Leo</b>	<b>Galaxy SA(s)c</b>	<b>VF,VL,R,VGBM</b>
Mar 03 1984	12.5" 16mm	NO FIND,SETTING CIRCLES GOOD,TRANSPARANCY GOOD		
<b>H20-4</b>	<b>NGC 2185</b>	<b>Mon</b>	<b>Nebula R</b>	<b>*11\$4S*IN VF,L,NEB</b>
Aug 21 1982	12.5" 24mm	MB,PS,B* JUST TO S,R,GBM,BRT CENTRAL REGION		
Nov 24 2006	12.5" 17mmT4	DIF,MF,VS,SMALL PTCH OF NEB AROUND *,PAIR=2183OIII DOES NOT HELP,R=F		
<b>H20-5</b>	<b>NGC 247</b>	<b>Cet</b>	<b>Galaxy SAB(s)d</b>	<b>F,EL,VME172</b>
Sep 07 1980	12.5" 32mm	EL,SEEN BY SWEEPING AREA,LARGE		
Sep 10 1980	12.5" 24mm			
Sep 24 1981	12.5" 16mm	DIF,MF,VL,B* S EQ PLANE,* OFF E SIDE,NND,PATCHY,ELONG,SIM TO 253		
<b>H20-6</b>	<b>NGC 288</b>	<b>ScI</b>	<b>Globular</b>	<b>GCL,B,L,LE,*12...16</b>
Sep 09 1980	12.5" 16mm	RESOLVED TO CORE,EXCELLENT!!		
Sep 23 1981	12.5" 16mm	DIF,MB,EL,R,SEVERAL HUNDRED *S SAME MAG,V LITTLE CLUSTERING TOWARDS MID		
<b>H20-7</b>	<b>NGC 2215</b>	<b>Mon</b>	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,CL,PRI,PC,ST11.15</b>
Feb 25 1984	12.5" 24mm	SAME		

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<b>H20-7</b>	<b>NGC 2215</b>	<b>Mon</b>	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,CL,PRI,PC,ST11.15</b>
Feb 25 1984	12.5" 24mm	SAME		
Oct 16 1982	12.5" 24mm	MF,PL,LOOSE AND SCATTERED,APPROX 20"S,WELL DEFINED		
<b>H20-8</b>	<b>NGC 6885</b>	<b>Vul</b>	<b>Open Cluster 5.9 III 2 m</b>	<b>CL,VB,VL,RI,LC,*6.11</b>
Jul 30 1981	12.5" 12mm	VB,VL,B* IN CENTER OF CLUSTER,APPROX 15-20"S		
Sep 19 1984	12.5" 16mm	SAME,MB,PL,B* CLOSE TO CENTER		
<b>H21-1</b>	<b>NGC 3810</b>	<b>Leo</b>	<b>Galaxy SA(rs)c</b>	<b>B,L,VLE</b>
Jan 30 1981	12.5" 24mm	DIF,PB,PL,FNUC,FAINT HALO		
Jun 10 1980	6" 24mm	PB,STAR HOP FROM BETA		
Mar 03 1984	12.5" 12mm	DIF,MB,ML,OVAL,SBM,NO *S		
<b>H21-4</b>	<b>NGC 1964</b>	<b>Lep</b>	<b>Galaxy SAB(s)b</b>	<b>F,VS,R,VSVMBM,3*INV</b>
Dec 21 1981	12.5" 16mm	ELONG,MBM,F* IN GAL TOWARDS BRT *S		
Dec 21 1981	12.5" 32mm	PF,VS,HISB,STELL NUC		
Oct 24 1981	12.5" 16mm	DIF,MF,PS,F*W SIDE,GBM,NUC DET,SMALL AND ROUND,APPEARS LIKE E GAL		
<b>H21-5</b>	<b>NGC 2359</b>	<b>CMa</b>	<b>Nebula E</b>	<b>VF,VVL,VIF</b>
Dec 19 2006	31" 31mmT5	DIF,MF,EL,OVAL,LARGE PATCHY AREAS OF NEB SCATTERED AMONGST *S,PAIR=IC468,R=G		
Dec 19 2006	31" 31mmT5	W/OIII,DIF,MB,VL,OVAL,HISB,BRT PATCHES,FILAMENTS,FILTER HELPS GREATLY,AWSOME,R=E		
Dec 28 2008	31" 31mmT5	PB,EL,W/OIII,FINE DETAIL THROUGHOUT,BRT AREAS,BRT EDGES,BRT RIDGES,BEST EVER,R=E		
Nov 21 2006	12.5" 12mmT4	DIF,VB,VL,W/OIII,PATCHY,WHISPS OF ARMS,SPIRAL SHAPE,BRT AREAS DET,R=E		
<b>H21-6</b>	<b>NGC 2266</b>	<b>Gem</b>	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,PS,EC,RI,ST11..15</b>
Feb 21 1984	12.5" 16mm	SAME,APPROX 50-100"S,FORMS SOMEWHAT A TRI,MB,ML		
Oct 30 1981	12.5" 12mm	PB,ML,30*S,1BRT * E SIDE		
<b>H21-7</b>	<b>NGC 1758</b>	<b>Tau</b>	<b>Open Cluster III 2 p</b>	<b>CL,PC,ST L\$\$</b>
Dec 25 1984	12.5" 48mm	VB,VL,*S DIFFERENT MAG,SCATTERED,FITS NICE IN 48MM		
Mar 22 2004	12.5" 25mm	VB,EL,MORE *S THAN 1746/1750.NOT WELL PLACED,R=F		
<b>H21-8</b>	<b>NGC 6800</b>	<b>Vul</b>	<b>Open Cluster 10.0 IV 1 p</b>	<b>CL,VL,PRI,VLC,ST10..</b>
Sep 04 2002	12.5" 24mm	PB,PL,*S APPROX SAME MAG,APROX 30*S		
<b>H22-1</b>	<b>NGC 4371</b>	<b>Vir</b>	<b>Galaxy SB(r)0+</b>	<b>B,PS,R,GBM</b>
Apr 25 1981	12.5" 24mm	PB,PS,BNUC,F HALO		
<b>H22-3</b>	<b>NGC 3506</b>	<b>Leo</b>	<b>Galaxy Sc:</b>	<b>VF,CS,R,VGVLBM</b>
Mar 03 1984	12.5" 12mm	VDIF,VF,MS,UB,PATCHY-OVAL,NND,NO *S		
<b>H22-4</b>	<b>NGC 2467</b>	<b>Pup</b>	<b>Open Cluster I 3 m n</b>	<b>PB,VL,R,ER,*8M</b>
Nov 21 2006	12.5" 12mmT4	PF,VL,INSIDE SH2-311,SIMILAR MAG,LOOSLY SCATTERED,APROX 50*S,R=F		
Nov 24 2006	12.5" 12mmT4	VB,VL,LOOSE,NOT WELL DEFINED,NEB ASSOCIATED WITH CLUSTER,PAIRS=SH2-311/LBN,R=P		
<b>H22-5</b>	<b>NGC 5170</b>	<b>Vir</b>	<b>Galaxy SA(s)c: sp</b>	<b>CF,L,ME129,PGBM</b>
May 31 2014	36" 17mmT4	PB,PL,EDGE ON,LBNUC,PA~120,CENTRAL BULGE,TAPPERED ENDS,HISB MIDDLE,R=G		
<b>H22-6</b>	<b>NGC 2548</b>	<b>Hya M48</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,VL,PRI,PMC,*9..13</b>
Dec 03 1980	12.5" 24mm			
Mar 02 1984	10" 20mm	SAME		
Mar 08 2013	36" 17mmT4	MESSIER MARATHON 2013		
Mar 19 2004	12.5" 12mmT4	MESSIER MARATHON 2004		
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981		
Mar 27 1982	12.5" 24mm	MB,EL,FILLS 24MM,BETTER IN FINDER		
Oct 24 1981	12.5" 24mm	VB,EL,BETTER IN FINDER,FILLS UP 24MM		
<b>H22-7</b>	<b>NGC 2254</b>	<b>Mon</b>	<b>Open Cluster 12.0 I 1 m</b>	<b>CL,S,PC,IF,*11...13</b>

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<b>H22-7</b>	<b>NGC 2254</b>	<b>Mon</b>	<b>Open Cluster 12.0 I 1 m</b>	<b>CL,S,PC,IF,*11...13</b>
Oct 05 2002	12.5" 9mmT6		MB,PS,SCATTERED,*S DIFFERENT MAG,NICE IN 9MM	
<b>H22-8</b>	<b>NGC 6882</b>	<b>Vul</b>	<b>Open Cluster</b>	<b>CL,P,LC</b>
Aug 13 1982	12.5" 24mm		EB,EL,OVERFILLS EYEPIECE FOV,SEVERAL B*S	
Jul 06 1983	12.5" 24mm		MB,VS,JUST N OF 6885,B* IN OBJECT,APPROX 15 *S,OBLONG IN SHAPE	
<b>H23-3</b>	<b>NGC 3524</b>	<b>Leo</b>	<b>Galaxy S0/a</b>	<b>F,S,LE,PSBM,2*NPLINE</b>
Jan 08 2003	12.5" 9mmT6		MB,ML,ELONG,FNUC,SBM,HISB TOWARDS MIDDLE,OVAL,PAIR/PGC33588	
<b>H23-4</b>	<b>NGC 936</b>	<b>Cet</b>	<b>Galaxy SB(rs)0+</b>	<b>VB,VL,R,MBMN,P OF 2</b>
Sep 07 1980	12.5" 24mm			
Sep 18 1980	12.5" 24mm			
Sep 27 1981	12.5" 16mm		MF,PL,BNUC,DARM,SMBM,OUTER ARMS SUSP,BRT BAR TOWARDS NUC,R,FACE ON,PAIR/941	
<b>H23-5</b>	<b>NGC 3027</b>	<b>UMa</b>	<b>Galaxy SB(rs)d:</b>	<b>VF,VL,LE,R</b>
Apr 14 2004	31" 17mmT4		DIF,MF,VL,ELONG,PATCH,NND,BAR IN GAL SUSP,CENTRAL AREA,R=F	
<b>H23-6</b>	<b>NGC 6645</b>	<b>Sgr</b>	<b>Open Cluster 12.0 IV 1 m</b>	<b>CL,PL,VRI,PC,ST11.15</b>
Aug 13 1982	12.5" 24mm		MB,VL,LOOSE,APPROX 50*S,SCATTERED,SHOWS WELL	
<b>H23-7</b>	<b>NGC 2489</b>	<b>Pup</b>	<b>Open Cluster 11.0 I 2 m</b>	<b>CL,PL,CRI,PC,*11..13</b>
Dec 03 1980	12.5" 24mm			
Oct 16 1982	12.5" 24mm		MF,ML,APPROX 40*S SAME MAG,OVAL,WELL DISERSED IN 24MM	
<b>H23-8</b>	<b>NGC 6950</b>	<b>Del</b>	<b>Open Cluster cluster?</b>	<b>CL,P,VLC</b>
Jul 31 2002	12.5" 24mm		PB,VL,LARGE LOOSE SCATTERING,APPROX 20*S	
<b>H24-1</b>	<b>NGC 4596</b>	<b>Vir</b>	<b>Galaxy SB(r)0+</b>	<b>B,PS,R,GMBM,R,3*F</b>
Jun 04 1981	12.5" 24mm		MB,PL,BNUC,BRT HALO,PAIR/4608	
<b>H24-3</b>	<b>NGC 3088</b>	<b>Leo</b>	<b>Galaxy Double System</b>	<b>VF,S</b>
Mar 08 2010	31" 17mmT4		MB,ML,OVAL,LARGE BNUC,SOMEWHAT HISB MIDDLE,INTERACT=3088B,R=F	
<b>H24-4</b>	<b>NGC 2023</b>	<b>Ori</b>	<b>Nebula R+E</b>	<b>B*IN M OF L,LE NEB</b>
Jan 24 2004	31" 24mmTP		DIF,MF,PL,PATCH,UB,WITH OIII,PATCHY AREA OF GAS AROUND *,R=F	
Jan 24 2009	31" 17mmT4		MF,ML,BETTER W/OIII,MORE NEB DET,FINE DETAIL IN NEB CLOSE TO *,R=F	
Oct 05 2002	12.5" 25mm		PB,VL,NEB AROUND BRT *,PARTS OF NEB HAVE HISB	
Sep 09 1980	12.5" 24mm		NEED TO KEEP B* OUT OF FIELD TO DETECT	
<b>H24-5</b>	<b>NGC 4565</b>	<b>Com</b>	<b>Galaxy SA(s)b? sp</b>	<b>B,EL,EE135,VSBMN=*10</b>
Feb 05 2005	31" 17mmT4		EB,EEL,EDGE ON,LARGE BNUC,HISB,FILLS FOV,2 HALVES,GMBM,TAPERED ENDS,R=E	
Feb 05 2005	31" 31mmT5		EB,EL,EDGE ON,BNUC,BETTER THAN 17MM,JUST FITS IN FOV,DUST LANE,BEST TO DATE,R=E	
Feb 27 1982	12.5" 16mm		MB,PL,VERY EDGE ON,BNUC,DIM HALO,F*N OF NUC,DUST LANES,CENTRAL BULGE,!!!	
Mar 17 2018	36" 17mmT4		EB,EEL,EDGE ON,BNUC,HISB,ABSOLUTELY AMAZING,DUST LANE THROUGH NUC REGION AND BEYOND,S BRT NUC ONE SIDE OF DUST, EDGE TO EDGE,R=EE	
Mar 27 1981	12.5" 24mm			
<b>H24-6</b>	<b>NGC 7044</b>	<b>Cyg</b>	<b>Open Cluster 15.0 I 1 r</b>	<b>CL,VF,PL,VRI,VC</b>
Aug 11 1982	12.5" 24mm		DIF,MF,VL,ELONG,10-20 B*S SURROUNDED BY HUNDREDS F*S,FAINT GLOW W/AVERTED VIS	
<b>H24-7</b>	<b>NGC 2112</b>	<b>Ori</b>	<b>Open Cluster 10.0 II 2 m n</b>	<b>CL,PL,LRI,PC,ST S</b>
Dec 30 1983	12.5" 24mm		MF,PS,BARREN * FIELD,BRT *S FORM SHAPE OF A 'Y',APPROX 60*S	
Sep 09 1980	12.5" 24mm			
<b>H24-8</b>	<b>NGC 2169</b>	<b>Ori</b>	<b>Open Cluster 6.9 III 3 m</b>	<b>CL,S,LRI,PMC,**</b>
Aug 21 1982	12.5" 24mm		MB,MS,20*S COUNTED,SPLIT THROUGH CENTER,ON SIDE RESEMBLES HOUR GLASS	
Dec 30 1983	12.5" 24mm		SAME	
<b>H25-1</b>	<b>NGC 4754</b>	<b>Vir</b>	<b>Galaxy SB(r)0-</b>	<b>B,PL,R,PSBM,P OF 2</b>
Feb 12 1983	12.5" 16mm		MF,MS,SBM,R,PAIR/4762	

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<b>H25-1</b>	<b>NGC 4754</b>	<b>Vir</b>	<b>Galaxy SB(r)0-:</b>	<b>B,PL,R,PSBM,P OF 2</b>
Feb 12 1983	12.5" 16mm	MF,MS,SBM,R,PAIR/4762		
<b>H25-3</b>	<b>NGC 3177</b>	<b>Leo</b>	<b>Galaxy SA(rs)b</b>	<b>CF,S,R,PSBM</b>
Feb 25 1984	12.5" 12mm	DIF,MF,PS,R,BM,NO *S		
Jan 30 1981	12.5" 24mm	DIF,EF,ES		
<b>H25-4</b>	<b>NGC 2327</b>	<b>CMa</b>	<b>Nebula</b>	<b>PB**INV INS,VF,NEB</b>
Nov 21 2006	12.5" 12mmT4	DIF,PB,PS,B* WITH FAINT NEB AROUND. BRT INNER REGION,R=G		
<b>H25-5</b>	<b>NGC 246</b>	<b>Psc</b>	<b>Planetary Neb 3b</b>	<b>VF,L,4*IN DIF NEB</b>
Oct 29 1980	8" 24mm			
Oct 31 1980	12.5" 24mm			
Sep 02 2008	31" 17mmT4	VF,ML,OVAL,OIII HELPS GRTLY,TRANSLUCENT BUBLE,C*13MAG,BRT RINGS IN EDGE,R=G		
Sep 18 1980	12.5" 24mm	3*S IN NEB,ONE MOST LIKELY CENTRAL *		
Sep 27 1981	12.5" 16mm	DIF,BLUE GREEN,MB,BL,SOURROUNDS 4 *S, 1 * S,PATCHY OVALNESS		
<b>H25-6</b>	<b>NGC 1245</b>	<b>Per</b>	<b>Open Cluster 12.0 II 2 r</b>	<b>CL,PL,RI,C,IR,*12.15</b>
Oct 03 1981	12.5" 24mm	MF,ML,50-80*S		
Sep 03 1980	12.5" 24mm	GREAT!!,LOOKS LIKE MINATURE BEEHIVE		
<b>H25-7</b>	<b>NGC 2186</b>	<b>Ori</b>	<b>Open Cluster 12.0 II 2 m</b>	<b>CL,PL,PRI,PC,ST L\$\$</b>
Aug 21 1982	12.5" 24mm	MF,PS,APPROX 25*S,FAINT *S WITH BRT *S,CLUSTER SLIGHTLY ELONG		
Dec 30 1983	12.5" 24mm	NO FIND		
<b>H25-8</b>	<b>NGC 2232</b>	<b>Mon</b>	<b>Open Cluster 5.0 III 2 p</b>	<b>B* 10MON +CL</b>
Oct 16 1982	12.5" 24mm	VB,VL,BROKEN IN 2 HALVES,12*S LOOSE AND SCATTERED,USE FINDER		
<b>H26-4</b>	<b>NGC 1535</b>	<b>Eri</b>	<b>Planetary Neb 4+2c</b>	<b>PLN,VB,S,R,PS,VSBM,R</b>
Dec 28 2008	31" 17mmT4	VB,ML,R,C*12M,OIII BRT INNER RING,R HALO,HISB MIDDLE, OIII HELPS SOMEWHAT,R=E		
Oct 30 1981	12.5" 12mm	BLUE,MB,PL,BRT MIDDLE,12MAG CENTRAL *		
Oct 31 1980	12.5" 24mm	SIM IN COLOR TO SATURN NEBULA,FIND 1537 FIRST,GREAT!!!		
<b>H26-5</b>	<b>NGC 3003</b>	<b>LMi</b>	<b>Galaxy Sbc?</b>	<b>CB,L,VME90</b>
Dec 03 1980	12.5" 24mm			
Dec 20 2003	31" 17mmT4	PB,VL,EDGE ON,UB,NND,R=E		
Feb 25 1982	12.5" 16mm	VDIF,MF,PL,EDGE ON,CIGAR SHAPE,NND,UB,BETTER IN 24MM.PAIR/3021		
<b>H26-6</b>	<b>NGC 1605</b>	<b>Per</b>	<b>Open Cluster 12.5 III 1 m</b>	<b>CL,VF,PS,C,ST ES</b>
Aug 10 2002	12.5" 24mm	ML,VF,NOT WELL DEFINED,ROUND IN SHAPE		
<b>H26-7</b>	<b>NGC 2225</b>	<b>Mon</b>	<b>Open Cluster cluster?</b>	<b>CL,P,LCM,*12...15</b>
Nov 24 2006	12.5" 17mmT4	MF,VS,APPROX 5*S?,CAN'T TELL TWO APART,PAIR=2226,APPEAR AS ONE OBJECT,R=P		
<b>H26-8</b>	<b>NGC 2129</b>	<b>Gem</b>	<b>Open Cluster 10.0 I 3 m</b>	<b>CL,PL,40OR50ST8...15</b>
Oct 30 1981	12.5" 16mm	MB,ML,2B*S IN CLUSTER SURR BY 10-15*S		
<b>H27-1</b>	<b>NGC 3412</b>	<b>Leo</b>	<b>Galaxy SB(s)0^</b>	<b>B,S,LE135,SMBMN</b>
Feb 25 1984	12.5" 12mm	MB,PS,ELONG,BNUC		
Jan 30 1981	12.5" 24mm	PB,PS,BNUC		
<b>H27-2</b>	<b>NGC 5665</b>	<b>Boo</b>	<b>Galaxy SAB(rs)c pec?</b>	<b>PB,PL,R,GBM,R</b>
May 06 1981	12.5" 24mm	DIF,MB,ML,BRT HALO		
<b>H27-3</b>	<b>NGC 3605</b>	<b>Leo</b>	<b>Galaxy E4-5</b>	<b>F,S,R,SP OF 3</b>
Jan 30 1981	12.5" 24mm	DIF,EF,ES,FAINT HALO SUSP,PAIR/3607/3608		
Mar 03 1984	12.5" 12mm	MF,PS,FNUC,PATCHY,SBM,CLOSE PAIR/3607		
Mar 06 2010	31" 17mmT4	MF,MS,ELONG,LFNUC,GRAD GETS MUCH BM,HISB MIDDLE,PAIRS=3606/3607/PGC34407,R=G		
<b>H27-4</b>	<b>NGC 3242</b>	<b>Hya</b>	<b>Planetary Neb 4+3b</b>	<b>PLN,VB,LE147,45"D</b>
Dec 03 1980	12.5" 24mm	GHOST OF JUPITER,PAIL GREENISH COLOR,GREAT!!		
Dec 28 2008	31" 17mmT4	VB,PL,R,HISB,C*13,OUT SHELL,BRTER INNER RING W/TAP SIDES,BRT BLUEISH,OIII HL,R=E		

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<b>H27-4</b>	<b>NGC 3242</b>	<b>Hya</b>	<b>Planetary Neb 4+3b</b>	<b>PLN,VB,LE147,45"D</b>
Dec 28 2008	31"	17mmT4	VB,PL,R,HISB,C*13,OUT SHELL,BRTER INNER RING W/TAP SIDES,BRT BLUEISH,OIII HL,R=E	
Feb 12 1983	12.5"	16mm	MB,PS,R,BLUE FUZZY EDGES,UB,NO CENTRAL *	
<b>H27-6</b>	<b>NGC 2301</b>	<b>Mon</b>	<b>Open Cluster 8.0 I 3 r</b>	<b>CL,RI,L,IF,ST L\$S</b>
Feb 25 1984	12.5"	24mm	SAME	
Oct 16 1982	12.5"	24mm	MB,VL,APPROX 50*S,LOOSE SCATTERED,V SHAPE,SOME PARTS CLUSTER BY THEMSELVES	
<b>H27-8</b>	<b>NGC 2367</b>	<b>CMa</b>	<b>Open Cluster 9.4 II 3 m</b>	<b>CL,S,P,LC</b>
Nov 21 2006	12.5"	12mmT4	PB,ML,FEW B*S WITH FAINTER *S,APPROX 20*S,V SHAPED,WELL PLACED,R=F	
<b>H28-1</b>	<b>NGC 4435</b>	<b>Vir</b>	<b>Galaxy SB(s)0^A</b>	<b>VB,CL,R,NP OF 2</b>
Jun 10 1980	6"	24mm		
Mar 16 2010	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,HISB,PAIR=4438,R=E	
Mar 27 1981	12.5"	24mm		
May 01 1981	12.5"	24mm	PB,PS,BNUC	
<b>H28-1</b>	<b>NGC 4438</b>	<b>Vir</b>	<b>Galaxy SA(s)0/a pec:</b>	<b>B,CL,VLE,R,SF OF 2</b>
Jun 10 1980	6"	24mm		
Mar 16 2010	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,HISB MIDDLE,GRANULAR HALO,SPR STR SUSP,PAIR=4435,R=E	
Mar 27 1981	12.5"	24mm		
May 01 1981	12.5"	24mm	DIF,PB,PL,BNUC,DARM	
<b>H28-2</b>	<b>NGC 3226</b>	<b>Leo</b>	<b>Galaxy E2: pec</b>	<b>PB,CL,R,DW/3227</b>
Apr 19 2014	36"	17mmT4	MB,ML,R,SBNUC,F GLOW OF ARMS,PAIR=3227,R=G	
Dec 03 1980	12.5"	24mm	COMP CLOSE,PAIR/3227	
Feb 25 1984	12.5"	12mm	MB,PS,BNUC,BM,R,CLOSE PAIR/3227	
Jan 30 1981	12.5"	24mm	DIF,PB,PL,ELONG,FNUC,BRT HALO,PAIR/3227	
<b>H28-5</b>	<b>NGC 2024</b>	<b>Ori</b>	<b>Nebula E</b>	<b>IRR,B,VVL,BLACKSPINC</b>
Aug 21 1982	12.5"	24mm	PF,EL,DARK DUST LANES DET,BREAKS H2 REGIONS APART,APPROX SAME SIZE AS HELIX	
Dec 03 1980	12.5"	24mm		
Jan 24 2004	31"	24mmTP	DIF,MF,EL,SEVERAL FOV'S,WITH OIII,PATCHY AREAS,R=F	
Oct 31 1980	12.5"	24mm		
Sep 18 1980	12.5"	24mm	CRACKS IN NEB DET,GREAT!!	
<b>H28-6</b>	<b>NGC 2259</b>	<b>Mon</b>	<b>Open Cluster 14.0 II 1 p n</b>	<b>CL,CRI,EC,IF,ST ES</b>
Oct 05 2002	12.5"	9mmT6	MF,ML,EXCELLENT,WELL PLACED IN 9MM,*S APPROX SAME MAG	
<b>H28-7</b>	<b>NGC 2423</b>	<b>Pup</b>	<b>Open Cluster 9.0 II 2 m</b>	<b>CL,VL,RI,PC,ST VS</b>
Dec 03 1980	12.5"	24mm		
Oct 16 1982	12.5"	24mm	VF,VL,APPROX 50*S,OUTSIDE FIELD OF M47,APPROX SAME MAG *S,LOOSE AND SCATTERED	
<b>H28-8</b>	<b>NGC 2026</b>	<b>Tau</b>	<b>Open Cluster 9.0 cluster?</b>	<b>CL,LRI,LC,ST PL</b>
Jan 24 2004	31"	17mmT4	MF,EL,APPROX 30*S VARYING IN MAG,LOOSLY SCATTERED,R=P	
<b>H28.1-4</b>	<b>NGC 4038</b>	<b>Crv</b>	<b>Galaxy SB(s)m pec</b>	<b>PB,CL,R,VGBM</b>
Mar 16 2009	31"	17mmT4	VB,VL,ELONG,PATCHY AREAS IN GAL,SHISB,NND,DARK AREA SPLITS TWO,INTER=4039,R=G	
Mar 22 2004	12.5"	12mmT4	MF,PL,OVAL,PATCH,UB,NND,CLOSE COMP=4039,R=G	
May 03 1981	12.5"	24mm	DIF,PB,VL,ELONG,BOTH NUC OF BOTH GAL SEEN,RING TAIL GAL,ARMS DET,PAIR/4039	
<b>H28.2-4</b>	<b>NGC 4039</b>	<b>Crv</b>	<b>Galaxy SA(s)m pec</b>	<b>PF,PL</b>
Mar 16 2009	31"	17mmT4	VB,VL,ELONG,SHISB,UB,NND,DARK AREA SPLITS THE TWO,COMP=4038,R=G	
Mar 22 2004	12.5"	12mmT4	MF,PL,OVAL,PATCH,UB,NND,CLOSE COMP=4038,R=G	
May 03 1981	12.5"	24mm	PAIR/4038,RING TAIL GAL	
<b>H29-1</b>	<b>NGC 3593</b>	<b>Leo</b>	<b>Galaxy SA(s)0/a:</b>	<b>B,CL,E90,PSMBM</b>
Jan 30 1981	12.5"	24mm	PB,PL,EDGE ON,BNUC,DIM HALO,PAIR/3596	

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<b>H29-1</b>	<b>NGC 3593</b>	<b>Leo</b>	<b>Galaxy SA(s)0/a:</b>	<b>B,CL,E90,PSMBM</b>
Jan 30 1981	12.5" 24mm	PB,PL,EDGE ON,BNUC,DIM HALO,PAIR/3596		
Mar 03 1984	12.5" 12mm	MB,PL,EDGE ON,BNUC,TAPPERED ENDS,NO *S,BM		
Mar 27 1981	12.5" 24mm			
<b>H29-2</b>	<b>NGC 3227</b>	<b>Leo</b>	<b>Galaxy SAB(s)a pec</b>	<b>PB,CL,R,DW/3226</b>
Apr 19 2014	36" 17mmT4	MB,ML,OVAL,R,LFNUC,SHISB,F ARMS DET,SOME SPR STR SUSP,PAIR=3226,R=G		
Dec 03 1980	12.5" 24mm	COMP CLOSE,PAIR/3226		
Feb 25 1984	12.5" 12mm	MB,MS,ELONG,BNUC,SBM,CLOSE PAIR/3226,NO *S		
Jan 30 1981	12.5" 24mm	DIF,PB,PL,ELONG,FNUC,BRT HALO,PAIR/3226		
<b>H29-3</b>	<b>NGC 3768</b>	<b>Leo</b>	<b>Galaxy S0</b>	<b>VF,ES,STELLAR</b>
Mar 16 2010	31" 17mmT4	MB,ML,OAL,LARGE BNUC,HISB MIDDLE,SOME GRANULAR HALO,R=G		
<b>H29-6</b>	<b>NGC 7245</b>	<b>Lac</b>	<b>Open Cluster 12.8 II 2 m</b>	<b>CL,C,ST ES</b>
Sep 20 1984	12.5" 24mm	MB,PS,V RICH * FIELD,B*NE SIDE,APPROX 40-50*S WITH FAINT BACKGROUND GLOW		
<b>H29.1-5</b>	<b>NGC 4395</b>	<b>CVn</b>	<b>Galaxy SA(s)m:</b>	<b>EF,VL,NP OF DNEB</b>
Jan 28 1982	12.5" 24mm	NO FIND		
Mar 22 2004	12.5" 12mmT4	VDIF,EF,EL,PATCH,UB,NND,BROKEN PATCHES DET,R=P		
<b>H30-1</b>	<b>NGC 4365</b>	<b>Vir</b>	<b>Galaxy E3</b>	<b>CB,PL,VLE,GL,SMBM</b>
Apr 25 1981	12.5" 24mm	PB,PL,BNUC,FARM,PAIR/4342		
Jun 10 1980	6" 24mm	SMALL FUZZY PATCH		
Mar 08 2010	31" 17mmT4	PB,PL,OVAL,LARGE BNUC,GRANULAR AREA AROUND NUC,HISB MIDDLE,R=G		
<b>H30-3</b>	<b>NGC 3802</b>	<b>Leo</b>	<b>Galaxy S</b>	<b>VF,PS,2VB*P,3RD OF3</b>
Mar 06 2010	31" 17mmT4	MB,ML,ELONG FNUC,GRAD BM,SOMEWHAT HIBS MIDDLE,PAIRS=3601/3790/PGC36189,R=G		
Mar 17 2010	31" 17mmT4	MB,ML,ELONG,UB,NND,CLOSE COMP=3801,PAIRS=3790/PGC36189,R=G		
May 14 2010	31" 17mmT4	MB,ML,EDGE ON,UB,NND,SLIGHT CENTRAL BULGE,PAIRS=3801/3803,R=G		
<b>H30-4</b>	<b>NGC 4861</b>	<b>CVn</b>	<b>Galaxy SB(s)m:</b>	<b>VF,PL,VME30,BET2ST</b>
Jan 28 1982	12.5" 16mm	VDIF,VF,PS,EDGE ON,*S BOTH N AND S ENDS,NND		
<b>H30-5</b>	<b>NGC 1977</b>	<b>Ori</b>	<b>Open Cluster</b>	<b>42ORIONIS\$NEB</b>
Sep 06 2002	12.5" 32mm	VB,PL,APPROX 5 *S ASSOCIATED WITH M43		
<b>H30-6</b>	<b>NGC 7789</b>	<b>Cas</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,VL,VRI,VMC,*11.18</b>
Jul 31 1981	12.5" 24mm	APPROX 50-100*S,A LOT OF F*S ASSOC WITH CLUSTER		
Jun 20 1980	12.5" 24mm			
<b>H30-7</b>	<b>NGC 6568</b>	<b>Sgr</b>	<b>Open Cluster IV 1 m</b>	<b>CL,VL,LC</b>
Aug 13 1982	12.5" 24mm	MB,VL,LOOSE,APPROX 40*S		
Sep 21 1984	12.5" 24mm	MB,PL,LOOSE AND SCATTERED,B* NEAR BY,*S APPROX SAME MAG		
<b>H30-8</b>	<b>NGC 2527</b>	<b>Pup</b>	<b>Open Cluster II2m</b>	<b>CL,VL,PRI,LC,*10..15</b>
Dec 03 1980	12.5" 24mm			
Oct 16 1982	12.5" 24mm	MB,ML,SCATTERED,APPROX 20*S SAME MAG		
<b>H31-1</b>	<b>NGC 4526</b>	<b>Vir</b>	<b>Galaxy SAB(s)0^:</b>	<b>VB,VL,ME120,PSMBM</b>
Jun 10 1980	6" 24mm			
May 03 1981	12.5" 24mm	VB,PL,ELONG,BNUC,BARM		
May 09 2010	31" 17mmT4	EB,EL,ELONG,SBNUC,HARD TO KEEP B* OUT OF FOV,GRANULAR ARMS,HISB MIDDLE,GMBM,SM TIGHT BRT NUC,R=E		
<b>H31-2</b>	<b>NGC 4592</b>	<b>Vir</b>	<b>Galaxy SA(s)dm:</b>	<b>F,L,E90,VGBM</b>
Jun 04 1981	12.5" 24mm	DIF,PF,ML,ELONG,EDGE ON,FAINT HALO		
<b>H31-4</b>	<b>NGC 7302</b>	<b>Aqr</b>	<b>Galaxy SA(s)0-:</b>	<b>F,PS,R,VSBSMN</b>
Jul 10 1981	12.5" 24mm	DIF,EF,ES,PAIR/7300		
<b>H31-5</b>	<b>NGC 1980</b>	<b>Ori</b>	<b>Nebula III 3 m n</b>	<b>VF,VVL,44ORIONIS INV</b>
Oct 16 1982	12.5" 24mm	MB,ML,B* IN CENTER,2F*S CLOSE TO B*,LARGE OVAL AREA SURR B*,CLOSE TO M42		

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<b>H31-5</b>	<b>NGC 1980</b>	<b>Ori</b>	<b>Nebula III 3 m n</b>	<b>VF,VVL,44ORIONIS INV</b>
Oct 16 1982	12.5" 24mm	MB,ML,B* IN CENTER,2F*S CLOSE TO B*,LARGE OVAL AREA SURR B*,CLOSE TO M42		
Sep 09 1980	12.5" 24mm	NEB AROUND A NICE DOUBLE STAR		
<b>H31-6</b>	<b>NGC 663</b>	<b>Cas</b>	<b>Open Cluster 9.0 II 3 r</b>	<b>CL,B,L,ERI,ST PL</b>
Jul 31 1981	12.5" 16mm	PL,CLUSTER BROKEN IN HALF,DARK PATCH THROUGH CLUSTER		
<b>H31-7</b>	<b>NGC 6583</b>	<b>Sgr</b>	<b>Open Cluster I 2 m</b>	<b>CL,PRI,PC,CE,ST13...</b>
Aug 13 1982	12.5" 16mm	DIF,MF,MS,20-30*S,RESOLVED,R		
<b>H31-8</b>	<b>NGC 2286</b>	<b>Mon</b>	<b>Open Cluster 9.0 III 2 m</b>	<b>CL,L,C,AB100*9...15</b>
Feb 25 1984	12.5" 24mm	SAME		
Oct 16 1982	12.5" 24mm	MF,EL,VERY POOR,NO CLUSTERING DET		
<b>H32-1</b>	<b>NGC 4570</b>	<b>Vir</b>	<b>Galaxy S0 sp</b>	<b>CB,PS,ME0,SBMRN</b>
Jun 04 1981	12.5" 24mm	PB,VS,ELONG,BNUC		
Jun 10 1980	6" 24mm	JUST BARELY VISIBLE		
May 09 2010	31" 17mmT4	VB,VL,ELONG,EDGE ON,SBNUC,HISB,SUDDENLY MBM,TAPPED ENDS,SLIGHT CENTRAL BULGE,R=G		
<b>H32-3</b>	<b>NGC 5490</b>	<b>Boo</b>	<b>Galaxy E</b>	<b>CF,CS,R,SBMF**</b>
Mar 26 2006	31" 17mmT4	PB,ML,OVAL,LARGE BNUC,HISB MIDDLE,GMBM,PAIRS=IC982/IC983/OTHERS,R=G		
<b>H32-4</b>	<b>NGC 1700</b>	<b>Eri</b>	<b>Galaxy E4</b>	<b>CB,S,MBM*</b>
Oct 30 1981	12.5" 12mm	MB,ML,R,BNUC		
Oct 31 1980	12.5" 24mm	SMALL COMPACT NUC		
Sep 09 1980	12.5" 24mm			
<b>H32-5</b>	<b>NGC 1788</b>	<b>Ori</b>	<b>Nebula R</b>	<b>B,CL,R,BM,***15,*1'F</b>
Oct 16 1982	12.5" 16mm	BRT H2 REGION OR * BETWEEN NEBULA AND *		
Oct 16 1982	12.5" 24mm	PB,ML,ELONG,BM,B* TO W IN NEBULA,VMBM		
<b>H32-6</b>	<b>NGC 7086</b>	<b>Cyg</b>	<b>Open Cluster 10.2 II 2 m</b>	<b>CL,CL,VRI,PC,*11..16</b>
Aug 11 1982	12.5" 24mm	MB,PL,APPROX 80*S,SOMEWHAT DIVIDED IN CENTER,9...11 MAG *S		
<b>H32-7</b>	<b>NGC 752</b>	<b>And</b>	<b>Open Cluster 8.0 II 2 r</b>	<b>CL,VVL,RI,*L\$SC</b>
Aug 13 1982	12.5" 24mm	VB,EL,MANY *S,OVERFILLS 24MM FIELD,BEST IN 8X50 FINDER,R,SCATTERED		
Aug 31 1984	12.5" 24mm	SAME		
Sep 10 1980	12.5" 24mm			
<b>H32-8</b>	<b>NGC 2335</b>	<b>Mon</b>	<b>Open Cluster 10.0 III 2 m n</b>	<b>CL,L,LC</b>
Feb 25 1984	12.5" 24mm	SAME		
Oct 16 1982	12.5" 24mm	MF,MS,APPROX 30*S,LOOSE AND SCATTERED,CLOSE TO 2343		
<b>H33-1</b>	<b>NGC 4124</b>	<b>Vir</b>	<b>Galaxy SA(r)0+</b>	<b>PB,PL,ME118,BM,R</b>
Apr 25 1981	12.5" 24mm	DIF,PF,PL,ELONG,EDGE ON,FNUC,F HALO		
<b>H33-2</b>	<b>NGC 3640</b>	<b>Leo</b>	<b>Galaxy E3</b>	<b>B,PL,R,PSBM</b>
Jan 30 1981	12.5" 24mm	PB,PS,DNUC		
Mar 03 1984	12.5" 12mm	MB,PL,BNUC,R,BM,CLOSE COMP SW		
<b>H33-4</b>	<b>NGC 1999</b>	<b>Ori</b>	<b>Nebula E</b>	<b>*10,11INV IN NEB</b>
Feb 20 2006	31" 31mmT5	W/OIII,DIF,MB,VL,NEB DETAIL DET AROUND *,R=G		
Oct 16 1982	12.5" 24mm	MB,PS,BNUC,VMBM,R,12MM-EYE APPEARANCE,TAPPED ENDS,SOME DARK AREA IN NEB		
<b>H33-6</b>	<b>NGC 869</b>	<b>Per</b>	<b>Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
Jun 20 1980	12.5" 24mm			
Oct 03 1981	12.5" 32mm	VB,EL,BRIGHT DIAMOND SHAPE *S IN CENTER,PAIR/884		
Oct 31 1980	12.5" 24mm			
Sep 18 1980	12.5" 24mm	H & CHI DOUBLE CLUSTER		
Sep 20 1981	12.5" 24mm			

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<b>H33-6</b>	<b>NGC 869</b>	<b>Per</b>	<b>Open Cluster 6.6 I 3 r</b>	<b>CL,VVL,VRI,*7...14</b>
Sep 20 1981	12.5" 24mm			
<b>H33-7</b>	<b>NGC 1857</b>	<b>Aur</b>	<b>Open Cluster 11.0 I 3 m</b>	<b>CL,PRI,PC,ST7...</b>
Dec 03 1980	12.5" 24mm	* APROX 7TH MAG IN CLUSTER		
<b>H33-8</b>	<b>NGC 2343</b>	<b>Mon</b>	<b>Open Cluster 8.0 II 2 p n</b>	<b>CL,CL,P,LC</b>
Feb 25 1984	12.5" 24mm	SAME		
Oct 16 1982	12.5" 24mm	MB,ML,APPROX 15"*S,LOOSE,SCATTERED		
<b>H34-1</b>	<b>NGC 5248</b>	<b>Boo</b>	<b>Galaxy SAB(rs)bc</b>	<b>B,L,E150,PSBMRN</b>
May 06 1981	12.5" 24mm	VB,VL,BNUC,DIM HALO		
<b>H34-2</b>	<b>NGC 4412</b>	<b>Vir</b>	<b>Galaxy SB(r)b? pec</b>	<b>F,PL,R,GBM,R</b>
Apr 25 1981	12.5" 24mm	DIF,PF,PL,DARM		
<b>H34-4</b>	<b>NGC 2022</b>	<b>Ori</b>	<b>Planetary Neb 4+2</b>	<b>PLN,PB,VS,VLE</b>
Dec 28 2008	31" 17mmT4	MB,ML,R,PATCH,VF C* WITH AV,EDGES FRAILED,OIII DOESN'T HELP MUCH,R=G		
Dec 30 1983	12.5" 12mm	MF,PS,NO CENTRAL * DET,R,UB,LINE OF F*S OFF TO BOTH SIDES		
Oct 31 1980	12.5" 24mm	LOOKS LIKE PALE GREY *		
Sep 10 1980	12.5" 24mm			
Sep 10 1980	12.5" 32mm	EASILY DET,NICE		
<b>H34-5</b>	<b>NGC 1990</b>	<b>Ori</b>	<b>Nebula E+R</b>	<b>EL,E,EPSILONORI INVP</b>
Mar 22 2004	12.5" 25mm	DIF,VF,ML,W/OIII HINT OF NEB AROUND BRT * DETECTED,R=P		
<b>H34-6</b>	<b>NGC 884</b>	<b>Per</b>	<b>Open Cluster 6.4 I 3 r</b>	<b>CL,VL,VRI,RUBY*M</b>
Jun 20 1980	12.5" 24mm			
Oct 03 1981	12.5" 32mm	VB,EL,PAIR/869,BEST IN 2" EYEPIECE		
Oct 31 1980	12.5" 24mm			
Sep 18 1980	12.5" 24mm	H & CHI DOUBLE CLUSTER		
Sep 20 1981	12.5" 24mm			
<b>H34-7</b>	<b>NGC 1883</b>	<b>Aur</b>	<b>Open Cluster 14.0 II 1 m</b>	<b>CL,VF,PRI,PC,IF</b>
Sep 06 2002	12.5" 9mmT6	PF,PS,APPROX 20"*S SAME MAG,V SHAPE,1 B* TO SIDE OF CLUSTER,TAKES POWER WELL		
<b>H34-8</b>	<b>NGC 2353</b>	<b>Mon</b>	<b>Open Cluster 9.0 III 3 p</b>	<b>CL,L,LC,ONEVB*</b>
Feb 25 1984	12.5" 24mm	SAME		
Oct 16 1982	12.5" 24mm	MB,ML,OVAL,SCATTERED,1 B* IN EDGE OF CLUSTER,WELL PLACED		
<b>H35-1</b>	<b>NGC 4216</b>	<b>Vir</b>	<b>Galaxy SAB(s)b:</b>	<b>VB,VL,VME17,SBMN</b>
Apr 25 1981	12.5" 24mm	VB,EL,ELONG,EDGE ON,BNUC,BARM		
Jun 10 1980	6" 24mm			
Mar 08 2010	31" 17mmT4	VB,VL,EDGE ON,SMALL VERY BNUC,F* OFF NUC,SOMEWHAT HISB,GMBM,PAIRS=PGC/MAC,R=E		
<b>H35-2</b>	<b>NGC 4457</b>	<b>Vir</b>	<b>Galaxy (R)SAB(s)0/a</b>	<b>CB,PS,R,SMBMN</b>
May 01 1981	12.5" 24mm	PB,PL,BNUC,DARM		
<b>H35-3</b>	<b>NGC 3848</b>	<b>Vir</b>	<b>Galaxy Sc</b>	<b>EF,VS</b>
May 18 2007	31" 17mmT4	MF,MS,PATCH,UB,NND,R=F		
<b>H35-4</b>	<b>NGC 2610</b>	<b>Hya</b>	<b>Planetary Neb 4+2</b>	<b>F,S,ATTTO*13,*7NF</b>
Dec 28 2008	31" 17mmT4	PB,ML,OVAL,UB,B* IN FOV,* IN EDGE,VF C*15,OIII DOESN'T HELP MUCH,R=G		
Mar 29 2006	31" 17mmT4	DIF,MB,ML,R,UB,* IN EDGE,WOIII,PATCHY,DARK AREAS,OVAL WITH BRT EDGES,R=G		
Nov 22 2006	12.5" 12mmT4	MF,PS,R,F* ON EDGE OF NEB,OIII HELPS OUT SLIGHTLY,R=F		
<b>H35-6</b>	<b>NGC 136</b>	<b>Cas</b>	<b>Open Cluster 13.0 II 1 p</b>	<b>GCL,VF,S,EC</b>
Aug 13 1982	12.5" 16mm	MF,VS,R,STARS RESOLVED,20"*S,FAINT PATCH IN 24MM		
Sep 28 2013	36" 17mmT4	MB,ML,~20"*S SIM MAG,GOOD CLUSTERING,FEW BRTER"*S, GOOD FOV,R=G		
<b>H35-7</b>	<b>NGC 2224</b>	<b>Gem</b>	<b>Open Cluster cluster?</b>	<b>CL,PC(WITH NEB)</b>
Dec 06 2002	12.5" 24mm	VB,VL,APPROX 20"*S,LOOSE SCATTERED,NOT WELL PLACED		



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<b>H35-7</b>	<b>NGC 2224</b>	<b>Gem</b>	<b>Open Cluster cluster?</b>	<b>CL,PC(WITH NEB)</b>
Dec 06 2002	12.5" 24mm		VB,VL,APPROX 20*S,LOOSE SCATTERED,NOT WELL PLACED	
<b>H35-8</b>	<b>NGC 2374</b>	<b>CMa</b>	<b>Open Cluster 10.7 IV 2 p</b>	<b>CL,VL,PRI,LC,ST L</b>
Nov 21 2006	12.5" 12mmT4		VB,EL,LOOSE,NOT WELL DEFINED,MANY *S VAR MAG,LITTLE CLUSTERING,FILLS FOV,R=P	
<b>H36-1</b>	<b>NGC 4550</b>	<b>Vir</b>	<b>Galaxy SB0^: sp</b>	<b>PB,S,VLE,SP OF 2</b>
Jun 04 1981	12.5" 24mm		DIF,PF,PS,ELONG,DARM,NGC 4551 CLOSE BY,PAIR/M89	
<b>H36-4</b>	<b>NGC 2071</b>	<b>Ori</b>	<b>Nebula R</b>	<b>D*10\$14 W/VF,L CHEV</b>
Feb 21 2006	31" 31mmT5		MF,MS,PATCH,NEB DET AROUND B*,B* APPEARS AS CLOSE DOUBLE WITH F*,R=F	
Oct 05 2002	12.5" 25mm		PBPL,DIF NEBULA,BRT * TO EDGE OF NEB,CLOSE TO M78	
<b>H36-5</b>	<b>NGC 206</b>	<b>And</b>	<b>Knot in Galaxy</b>	<b>VF,VL,ME0</b>
Aug 10 2002	12.5" 25mm		PB,EL,KNT IN GAL,PATCHY AREA IN MILKY WAY	
<b>H36-6</b>	<b>NGC 2432</b>	<b>Pup</b>	<b>Open Cluster II 2 m</b>	<b>CL,PL,PC,E0,ST L\$S</b>
Nov 21 2006	12.5" 12mmT4		MF,MS,APPROX 20*S,SIMILAR MAG,LOOSELY CLUSTERED,SCATTERED,R=F	
Nov 24 2006	12.5" 12mmT4		PB,ML,APPROX 40*S,SLIGHT CLUSTERING,IRR IN SHAPE,VAR MAG,R=F	
<b>H36-8</b>	<b>NGC 2396</b>	<b>Pup</b>	<b>Open Cluster 11.0 IV 1 m</b>	<b>CL,VL,VLC</b>
Nov 21 2006	12.5" 12mmT4		VB,VL,APPROX 20*S,LOOSLY SCATTERED,S CLUSTERING,FEW B*S,VARIOUS MAG,R=F	
Nov 24 2006	12.5" 12mmT4		VB,VL,LOOSLY SCATTERED,SLIGHT CLUSTERING,APPROX 20*S,VAR MAG,R=F	
<b>H37-2</b>	<b>NGC 4527</b>	<b>Vir</b>	<b>Galaxy SAB(s)bc</b>	<b>PB,L,PME69,MBM</b>
May 03 1981	12.5" 24mm		PB,PL,ELONG,DNUC,FARM,PAIR/4536	
<b>H37-4</b>	<b>NGC 6543</b>	<b>Dra</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,VB,PS,SBMVSN</b>
Jul 11 1980	12.5" 24mm			
Jul 14 1980	12.5" 24mm			
Jul 22 1981	12.5" 16mm		BLUEISH IN COLOR,PB,MS,NO CENTRAL * DET	
Jun 20 1980	12.5" 24mm			
Jun 23 2003	12.5" 9mmT6		VB,ML,ELONG,OVVAL,VERY HISB,BRT NUC,SLIGHTLY ELONG,FAINT HALO AROUND GAL,R=E	
Mar 26 2006	31" 17mmT4		VF,PL,BRT BLUE,CENTRAL *,DETAIL IN NEB,DARK INNER RING,PAIR=IC4677,R=E	
May 19 2009	31" 17mmT4		VB,VL,BRT GREENISH,C* 10TH MAG,BRT INNER CORE,GRANULAR BALL,VF WHISPS OF NEB AROUND BALL,OIII BRINGS OUT OUTER HALO ONLY,PAIR=IC4677,R=E	
<b>H37-5</b>	<b>NGC 7000</b>	<b>Cyg</b>	<b>Nebula E</b>	<b>F,EEL,DIF NEBULOSITY</b>
Aug 11 1982	12.5" 32mm		EL,ONLY SERTAIN OUTLINES DET,HUNDREDS OF *S WITH COSTAL LINE EFFECT	
Aug 13 1982	12.5" 32mm		FITS WELL IN EYEPIECE,FIRST TIME SEEN THIS WELL, IMPRESSIVE!!!	
Sep 19 2012	36" 31mmT5		VB,W/OIII,ABLE TO SLEW ENTIRE OUTLINE OF NA NEB,NUMEROUS AREAS OF FINE NEB DETAIL,GULF AND S END OF MEX BEST CONTRAST,NICE D* IN MEX TIP - PINK & BLUEISH,R=EE	
<b>H37-6</b>	<b>NGC 2506</b>	<b>Mon</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,PL,VRI,C,*11...20</b>
Oct 16 1982	12.5" 24mm		MF,ML,SCATTERED 'S AROUND CLUSTER,DENSE CLUSTERING TOWARDS CENTER,APPROX 60*S	
<b>H37-7</b>	<b>NGC 2262</b>	<b>Mon</b>	<b>Open Cluster II 1 m</b>	<b>CL,VC,IR,BM,ST ES</b>
Mar 18 2007	31" 17mmT4		MB,ML,3-4 BRTER *S,NO CLUSTERING DET,FAINT BACKGROUND GLOW,R=P	
<b>H37-8</b>	<b>NGC 2414</b>	<b>Pup</b>	<b>Open Cluster 8.2 I 3 m</b>	<b>CL,P,LC,ST9,\$C</b>
Nov 21 2006	12.5" 12mmT4		PB,MS,APPROX 20*S,LOOSE,SMALL CLUSTERING,1B*,FEW FAINTER,R=F	
Nov 24 2006	12.5" 12mmT4		MB,ML,APPROX 30*S,FEW B* WITH FAINT BACKGROUND,GOOD CLUSTERING,WELL PLACED,R=G	
<b>H38-2</b>	<b>NGC 4636</b>	<b>Vir</b>	<b>Galaxy E</b>	<b>B,L,IR,VGVMBM,R</b>
Jun 04 1981	12.5" 16mm		MB,ML,BNUC,DIM HALO	
Mar 27 1982	12.5" 12mm		DIF,MB,PS,BNUC,COMP SUSP N TIP,B* TO W,MOD HISB,MBM	
<b>H38-4</b>	<b>NGC 2182</b>	<b>Mon</b>	<b>Nebula R</b>	<b>PB**,L*NEB,E90</b>
Nov 24 2006	12.5" 17mmT4		DIF,MF,VS,VF* WITH FAINT AREA OF NEB,OIII DOES NOT HELP,R=F	
Oct 05 2002	12.5" 9mmT6		SUSP ONLY,F* OFF TO ONE SIDE,LOCATION GOOD	
<b>H38-6</b>	<b>NGC 6804</b>	<b>Aql</b>	<b>Planetary Neb 4+2</b>	<b>CB,S,IR,RRR</b>

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<b>H38-6</b>	<b>NGC 6804</b>	<b>Aql</b>	<b>Planetary Neb 4+2</b>	<b>CB,S,IR,RRR</b>
Aug 31 1984	12.5" 12mm		PF,MS,BNUC,R-OVAL,SBM,F* TOWARDS OUTER EDGE,PATCHY	
Jul 10 1981	12.5" 12mm		GREEN,DIF,PF,MS,CENTRAL * APPROX 14MAG	
Sep 02 2008	31" 17mmT4		MB,BL,OVAL,GREENISH,SEVERALF*S IN NEB,C* 15TH MAG,OIII DOESNOT HELP MUCH,R=G	
<b>H38-7</b>	<b>NGC 2324</b>	<b>Mon</b>	<b>Open Cluster 12.0 II 2 r</b>	<b>CL,L,RI,CC,ST12...16</b>
Feb 25 1984	12.5" 24mm		SAME	
Oct 16 1982	12.5" 24mm		VF,ML,APPROX 100*S,BACKGROUND GLOW,SOME BRT *S IN CLUSTER,WELL PLACED	
<b>H38-8</b>	<b>NGC 2422</b>	<b>Pup M47</b>	<b>Open Cluster 5.0 I 3 m</b>	<b>CL,B,VL,PRI,ST L\$S</b>
Dec 03 1980	12.5" 24mm			
Mar 02 1984	10" 20mm		SAME	
Mar 19 2004	12.5" 12mmT4		MESSIER MARATHON 2004	
Mar 27 1981	12.5" 24mm		MESSIER MARATHON 1981	
Mar 27 1982	12.5" 24mm		VB,VL,BRT DOUBLE * IN CENTER,APPROX 25*S,NO CLUSTERING DET,JUST B*S	
Nov 24 2006	12.5" 12mmT4		VB,EL,NOT WELL PLACED,APPROX 20*S,LOOSLY SCATTERED,M47,R=F	
Oct 16 1982	12.5" 24mm		VB,VL,FILLS 24MM,B*S,LOOSE AND SCATTERED,APPROX 50*S DIFF MAG	
<b>H39-1</b>	<b>NGC 4697</b>	<b>Vir</b>	<b>Galaxy E6</b>	<b>VB,L,LE45,SMBMN</b>
Mar 27 1982	12.5" 12mm		MB,ML,ELONG,OVAL,F* TO W,GMBM,TAPPERED ENDS	
<b>H39-4</b>	<b>NGC 2438</b>	<b>Pup</b>	<b>Planetary Neb 4+2</b>	<b>PLN,PB,PS,VLE,R</b>
Dec 03 1980	12.5" 24mm		PLANETARY IN M46,GREAT!!	
Dec 28 2008	31" 17mmT4		VB,ML,R,2*S INSIDE CENT RING,INNER AREA DKER,MOD HISB INNER RING,OIII HELPS,R=E	
Mar 19 2004	12.5" 12mmT4		W/OIII. PLANETARY IN M46,RING SHAPE,CENTRAL DARKNESS,DONUT APPEARANCE,R=E	
Mar 27 1982	12.5" 12mm		MF,PS,24MM-NO CENTRAL * DET,R,UB,12MM-CENTRAL * DET,UB,R,SOME DARK PATCHES SUSP	
<b>H39-5</b>	<b>NGC 3511</b>	<b>Crt</b>	<b>Galaxy SA(s)c</b>	<b>VF,VL,ME</b>
Nov 24 2006	12.5" 12mmT4		MF,VL,ELONG,LARGE FNUC,* IN TIP,PAIR=3513,R=G	
<b>H39-6</b>	<b>NGC 2571</b>	<b>Pup</b>	<b>Open Cluster 8.8 II 3 m</b>	<b>CL,VL,CRI,LC,ST9...</b>
Oct 16 1982	12.5" 24mm		MB,ML,*S DIFFERENT MAG,SCATTERED,LOOSE,APPROX 30*S	
<b>H39-7</b>	<b>NGC 1907</b>	<b>Aur</b>	<b>Open Cluster 11.0 I 1 m n</b>	<b>CL,PRI,PC,R,ST9...12</b>
Mar 27 1981	12.5" 24mm			
<b>H39-8</b>	<b>NGC 2302</b>	<b>Mon</b>	<b>Open Cluster 12.0 III 2 m</b>	<b>CL,L,P,LC</b>
Oct 05 2002	12.5" 9mmT6		MB,ML,APPROX 30*S,LOOSE	
<b>H40-1</b>	<b>NGC 4941</b>	<b>Vir</b>	<b>Galaxy (R)SAB(r)ab:</b>	<b>PF,L,E,GBMBN,R</b>
Mar 22 2004	12.5" 12mmT4		MF,MS,OVAL,R,SMALL BNUC,HISB MIDDLE,GMBM,R=G	
<b>H40-2</b>	<b>NGC 2911</b>	<b>Leo</b>	<b>Galaxy SA(s)0: pec</b>	<b>F,PL,R,GBM,P OF 2</b>
Dec 03 1980	12.5" 24mm			
Feb 25 1984	12.5" 12mm		DIF,VF,VS,FNUC,PATCHY,SBM,OVAL,COMP SUSP TO SE	
Jan 20 2004	31" 17mmT4		PB,PL,R,LARGE BNUC,MHISB,GMBM,PAIRS=2914,PGC27175,R=G	
Jan 30 1981	12.5" 24mm		DIF,EF,ES,FNUC,FAINT HALO	
<b>H40-4</b>	<b>NGC 4804</b>	<b>Crv</b>	<b>Galaxy S0</b>	<b>S,ATT TO PB*</b>
Apr 06 2008	31" 17mmT4		PB,MS,ELONG,SMALL BNUC,* OFF NUC,HISB MIDDLE,BM,R=G	
<b>H40-5</b>	<b>NGC 3513</b>	<b>Crt</b>	<b>Galaxy SB(rs)c</b>	<b>VF,VL,ME</b>
Nov 24 2006	12.5" 12mmT4		DIF,PF,VL,OVAL,PATCH,UB,NND,SOMEWHAT HISB,PAIR=3511,R=F	
<b>H40-6</b>	<b>NGC 6171</b>	<b>Oph M107</b>	<b>Globular</b>	<b>GCL,L,VRI,VMC,R,RRR</b>
Apr 16 1980	6" 24mm			
Aug 13 1982	12.5" 16mm		MB,PL,SBM,R,3B*S AROUND OBJECT,SOME F* SCATTERED	
Jul 11 1980	12.5" 24mm			
Jul 21 1984	12.5" 16mm		SAME	
Jun 10 1980	6" 24mm			

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<b>H40-6</b>	<b>NGC 6171</b>	<b>Oph M107 Globular</b>	<b>GCL,L,VRI,VMC,R,RRR</b>
Jun 10 1980	6" 24mm		
Jun 18 1980	12.5" 24mm		
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981	
May 07 1980	5" 9mm		
May 09 2010	31" 17mmT4	VB,VL,TYPE VI,RESOLVED TO CORE,LARGE OUTER HALO SCATTERED *S VARIOUS MAG,R=E	
Sep 10 1980	12.5" 24mm		
<b>H40-7</b>	<b>NGC 7128</b>	<b>Cyg Open Cluster 11.5 I 3 m</b>	<b>CL,S,PRI,HASARUBY*9</b>
Aug 11 1982	12.5" 24mm	MB,PS,5 OR 6 B*S CIRCLING FAINTER *S,STANDS OUT WELL,APPROX 40 *S	
<b>H40-8</b>	<b>NGC 2331</b>	<b>Gem Open Cluster 9.0 IV 2 m</b>	<b>CL,L,VLC,S CL INV</b>
Oct 05 2002	12.5" 32mm	VF,EL,LOOSE OPEN CLUSTER,APPROX 20*S,SAME MAG	
<b>H41-2</b>	<b>NGC 3389</b>	<b>Leo Galaxy SA(s)c</b>	<b>F,L,E PF,VGLBM,3RD-3</b>
Dec 03 1980	12.5" 24mm		
Feb 25 1984	12.5" 16mm	DIF,MF,ML,ELONG,PATCHY,UB,NND,PAIR/3379/3384	
Jan 30 1981	12.5" 24mm	DIF,PF,PL,FAINT HALO,PAIR/3379/3384	
Mar 27 1981	12.5" 24mm		
<b>H41-4</b>	<b>NGC 6514</b>	<b>Sgr M20 Nebula EN+OC</b>	<b>VB,VL,TRIFID,D*INV</b>
Aug 13 1982	12.5" 24mm	MB,VL,DUST LANES EASILY DET,BRT DOUBLE * IN CENTER,BOTH PARTS DET	
Jul 15 1980	12.5" 32mm	GREAT!!,DOUBLE * IS IN CENTER OF NEB	
Jul 17 1980	12.5" 24mm		
Jun 10 1980	6" 24mm		
Jun 18 1980	12.5" 24mm		
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981	
May 07 1980	5" 9mm		
Sep 10 1980	12.5" 24mm		
Sep 11 2012	36" 31mmT5	EB,EL W/OIII NICE D* IN CLUSTER,BROKEN PARTS,DARK LANES,BLUEISH GREEN ONE HALF,OTHER REDDISH AND FAINTER,NEB FILLS FOV,OIII GIVES MORE DETAIL IN NEB,WO/OIII NEB FAINTER,D* APPEARS BLUEISH,R=EE	
Sep 20 1981	12.5" 24mm		
Sep 20 1984	12.5" 24mm	SAME,TRIFID NEBULA	
<b>H41-5</b>	<b>NGC 4244</b>	<b>CVn Galaxy SA(s)cd: sp</b>	<b>PB,VL,EE43,VGBM</b>
Jan 26 1982	12.5" 24mm	PB,VL,EDGE ON,* ON N TIP,NND,HISB,UB,TAPPED AT BOTH ENDS	
Oct 31 1980	12.5" 24mm		
<b>H41-6</b>	<b>NGC 6412</b>	<b>Dra Galaxy SA(s)c</b>	<b>GCL,CL,R,VGBM,RR</b>
Jul 22 1981	12.5" 16mm	R,DIF,SPR STR SUSP,F* 14TH MAG N SIDE,B* FARTHER N	
Jun 24 2003	12.5" 9mmT6	PB,VL,OVAL,R,FNUC,MOD HISB,F* IN GAL,PATCHY AREAS DET,R=G	
<b>H41-7</b>	<b>NGC 7296</b>	<b>Lac Open Cluster 10.0 II 2 p</b>	<b>CL,IR,LC,ST VS</b>
Aug 11 1982	12.5" 24mm	MF,VS,1B*W EDGE,R,FOV FULL OF *S WITH HINT OF MANY MORE!!	
Sep 20 1984	12.5" 24mm	MB,PS,APPROX 20*S SCATTERED	
<b>H41-8</b>	<b>NGC 1802</b>	<b>Tau Open Cluster 9.2 asterism?</b>	<b>CL,ST C SC</b>
Jan 24 2004	31" 17mmT4	MF,EL,APPROX 20*S SAME MAG,LOOSLY SCATTERED. 2 FOV'S,R=P	
<b>H42-1</b>	<b>NGC 4995</b>	<b>Vir Galaxy SAB(rs)b</b>	<b>PB,PL,R,VGPMBM,*8NP</b>
Feb 12 1983	12.5" 16mm	MB,ML,MOD HISB,UB,NND,PATCHY	
<b>H42-2</b>	<b>NGC 3547</b>	<b>Leo Galaxy Sb:</b>	<b>F,S,LE,VLBM</b>
Mar 03 1984	12.5" 12mm	VDIF,VF,MS,PATCH-OVAL,NND,UB,NO *S	
<b>H42-4</b>	<b>NGC 676</b>	<b>Psc Galaxy S0/a: sp</b>	<b>VF,E161,SBM*9</b>

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<b>H42-4</b>	<b>NGC 676</b>	<b>Psc</b>	<b>Galaxy S0/a: sp</b>	<b>VF,E161,SBM*9</b>
Sep 04 2002	12.5"	9mmT6	VB,VL,EDGE ON,TAPPERED ENDS,SMALL VB STELLAR NUC,HISB ARMS	
<b>H42-5</b>	<b>NGC 4631</b>	<b>CVn</b>	<b>Galaxy SB(s)d sp</b>	<b>VB,VL,EE70,BMN,*ATTN</b>
Jan 28 1982	12.5"	12mm	VB,VL,EDGE ON,* N OF NUC,F* W TIP,MOD HISB,PATCHES DET IN EQ PLANE	
Mar 17 2007	31"	17mmT4	EB,EL,ELONG,HISB,ONE SIDE THICKER,MILKY,BRT H2 REGIONS,DUST,F* OFF NUC/TIP,R=E	
<b>H42-6</b>	<b>NGC 6939</b>	<b>Cep</b>	<b>Open Cluster 11.9 II 1 r</b>	<b>CL,PL,ERI,PCM,*11.16</b>
Aug 19 1980	12.5"	32mm	LOC THIS FIRST BEFORE 6946	
Jul 09 1983	12.5"	24mm	MB,PL,APPROX 100"S,SOMEWHAT V SHAPED,CLUSTER HAS DEFINITE EDGE,PAIR/6946	
Jun 06 1981	12.5"	16mm	PF,PL	
<b>H42-7</b>	<b>NGC 457</b>	<b>Cas</b>	<b>Open Cluster 8.6 II 3 r</b>	<b>CL,B,L,PRI,*7,8,10</b>
Jul 17 1980	12.5"	24mm		
Jul 31 1981	12.5"	16mm	B*S,FEW *S APPROX 20.LARGE SCATTERED THROUGHOUT EYEPIECE	
<b>H43-1</b>	<b>NGC 4594</b>	<b>Vir M104</b>	<b>Galaxy SA(s)a sp</b>	<b>VB,VL,EE92,VSMBMN</b>
Apr 11 2015	36"	17mmT4	EB,EL,EDGE ON,DUST LANE CUTS OFF 1/2 NUC,SM SOFT HISB GBM NUC,GRANULAR HISB ARMS,CENTRAL BULGE,TAPPERED ENDS,INCREDIBLE,R=EE	
Feb 12 1983	12.5"	16mm	VB,ML,EDGE ON,BNUC,DUST LANE EASILY DET,BRT CENTRAL BULGE,CUT IN TWO	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
May 01 1981	12.5"	24mm	VB,PL,EDGE ON,BUC,BRT HALO,DUST LANE SEEN THROUGH GAL	
May 07 1980	5"	9mm	EXCELLENT!!,DUST LANE DET,SHAPE DET	
<b>H43-2</b>	<b>NGC 3162</b>	<b>Leo</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,CL,R,VGLBM,R,*INV</b>
Dec 03 1980	12.5"	24mm		
Feb 25 1984	12.5"	12mm	DIF,MF,MS,FACE ON,PATCHY,UB,F* TO E SIDE,NND	
Jan 30 1981	12.5"	24mm	DIF,VB,PS,FAINT HALO	
<b>H43-4</b>	<b>NGC 1186</b>	<b>Per</b>	<b>Galaxy SB</b>	<b>F*W/NEB APPENDAGES</b>
Aug 17 1982	12.5"	16mm	DIF,MF,PS,ELONG,BNUC,4F*S OFF E SIDE,1*IN E TIP,B* OR STELL NUC	
Dec 06 2002	12.5"	9mmT6	PB,PL,ELONG,SEVERAL F*S ON EDGE.BRT STELLER NUC,FARMS	
Feb 04 2005	31"	17mmT4	MB,PL,EDGE ON,LARGE VFNUC,B* BY NUC,F* IN TIP,CENTRAL BULGE,SBM,PAIR=MAC,R=G	
<b>H43-5</b>	<b>NGC 4258</b>	<b>CVn M106</b>	<b>Galaxy Sb</b>	<b>VB,VL,VME0,SBMBN</b>
Jan 26 1982	12.5"	16mm	VB,VL,BNUC,FAINT HALO,* ON NW EDGE,OVAL,4217 TO W 1 GAL DIA	
Jul 05 1980	12.5"	24mm		
Mar 02 1984	10"	20mm	SAME	
Mar 08 2010	31"	17mmT4	VB,VL,OVAL,HISB MIDDLE,ELONG NUC,GMBM,SPRIAL ARMS,SPR STRUCTURE,DUST DET,R=EE	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
May 07 1980	5"	9mm		
Oct 31 1980	12.5"	24mm		
<b>H43-7</b>	<b>NGC 7419</b>	<b>Cep</b>	<b>Open Cluster 10.0 I 2 m</b>	<b>CL,PRI,CC</b>
Sep 04 2002	12.5"	32mm	PB,ML,FEW B*S WITH GLOW IN BACKGROUND	
<b>H43-8</b>	<b>NGC 1750</b>	<b>Tau</b>	<b>Open Cluster OCL</b>	<b>CL,ST L,VCSC</b>
Mar 22 2004	12.5"	25mm	VB,EL,FEW BRT *S LOOSLY SCATTERED,NOT WELL PLACED,OTHER CLUSTERS DET,R=F	
<b>H44-1</b>	<b>NGC 6401</b>	<b>Oph</b>	<b>Globular</b>	<b>PB,PL,R,*12F INV</b>
Jun 04 1981	12.5"	24mm	DIF	
<b>H44-2</b>	<b>NGC 3190</b>	<b>Leo</b>	<b>Galaxy SA(s)a pec sp</b>	<b>B,PS,E,PSBMN</b>
Dec 03 1980	12.5"	24mm		
Feb 25 1984	12.5"	12mm	MB,PL,ELONG,MOD HISB,CLOSE PAIR/3193/3185	
Jan 30 1981	12.5"	24mm	DIF,PB,PL,EDGE ON,DIM NUC,PAIR/3185/3193	

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<b>H44-2</b>	<b>NGC 3190</b>	<b>Leo</b>	<b>Galaxy SA(s)a pec sp</b>	<b>B,PS,E,PSBMN</b>
Jan 30 1981	12.5" 24mm	DIF,PB,PL,EDGE ON,DIM NUC,PAIR/3185/3193		
Mar 06 2010	31" 17mmT4	VB,VL,ELONG,SMALL BNUC,TIGHT,R VB NUC,HISB MIDDLE,MOD HISB REGION FROM NUC,PAIRS=3183/31878,R=E		
<b>H44-3</b>	<b>NGC 4647</b>	<b>Vir</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,PL,LE115,NPOFDNEB</b>
Mar 22 2004	12.5" 12mmT4	MF,ML,OVAL,PATCH,UB,CLOSE PAIR=M60,VERY SMALL FNUC,R=F		
Mar 27 1981	12.5" 24mm			
Mar 27 1982	12.5" 12mm			
May 09 2010	31" 17mmT4	MB,PL,PATCHY,LBNUC,CLOSE COMP=4649,PAIR=PGC42846,R=G		
<b>H44-5</b>	<b>NGC 2403</b>	<b>Cam</b>	<b>Galaxy Sc</b>	<b>CB,EL,VME,VGMBMN</b>
Dec 21 1981	12.5" 16mm	SPR STR DET,BEAUTIFUL!!!		
Dec 21 1981	12.5" 24mm	PB,PL,HISB,SMALL BNUC,LARGE OVAL PATCH,SOME STR SUSP,B*S IN GAL		
Sep 18 1980	12.5" 24mm	2*S IN GAL PRESENT		
<b>H44-7</b>	<b>NGC 7510</b>	<b>Cep</b>	<b>Open Cluster 10.0 II 3 r n</b>	<b>CL,PRI,PC,FAN-SH,B*P</b>
Aug 11 1982	12.5" 24mm	MB,VS,B*S RESEMBLE TRI,F*S NW,APPROX 30*S,STANDS OUT WELL		
Jul 09 1983	12.5" 16mm	MB,MS,ARROW HEAD SHAPE,APPROX 40*S,SIMILAR TO M103		
<b>H45-1</b>	<b>NGC 6316</b>	<b>Oph</b>	<b>Globular</b>	<b>GCL,CB,PS,R,GVMBM</b>
Jun 04 1981	12.5" 24mm	DIF,MF,MS		
<b>H45-2</b>	<b>NGC 3193</b>	<b>Leo</b>	<b>Galaxy E2</b>	<b>B,S,VLE,PSLBM,*9NF</b>
Dec 03 1980	12.5" 24mm			
Feb 25 1984	12.5" 12mm	MB,ML,R,BM,F* TO W,MOD HISB,CLOSE PAIR/3190/3185		
Jan 30 1981	12.5" 24mm	PB,PL,BNUC,DIM HALO,PAIR/3185/3190		
Jun 10 1980	6" 24mm	JUST BARELY VISIBLE,DID NOT FIND OTHERS IN AREA		
Mar 06 2010	31" 17mmT4	EF,VL,R,LARGE BNUC,HISB,GRANULAR HALO AROUND NUC,PAIRS=3190/3187,R=E		
<b>H45-4</b>	<b>NGC 2392</b>	<b>Gem</b>	<b>Planetary Neb 3b+3b</b>	<b>B,S,R,*9M,*8NF100"</b>
Dec 04 2004	31" 17mmT4	VB,VL,WITH OIII,CENTRAL * EASY,RINGS AROUND CENTRAL *,DARK RINGS BETWEEN,OUTTER NEBULA LOOKS MATTED,BRIGHT BLUE,BEST EVER SEEN TO DATE,R=E		
Feb 21 1984	12.5" 12mm	MB,PS,ESKIMO NUBULA,CENTRAL * EASILY DET,PATCHED IN NEB DET,FORMS TRI W2*S		
Nov 22 2006	12.5" 12mmT4	EB,VL,BRT CENTRAL * GOES AWAY WITH AV,BRT BLUE BALL,PATCHY AREAS DET OUTER,R=E		
Oct 16 1982	12.5" 12mm	BLUE,MF,VS,R,UB,NO CENTRAL *		
Oct 23 1982	12.5" 12mm	CENTRAL * DET,SOME DARK AREAS IN GAS DET		
Oct 31 1980	12.5" 24mm	ESKIMO NEBULA,NON STELL,GREAT!!		
<b>H45-5</b>	<b>NGC 3953</b>	<b>UMa</b>	<b>Galaxy SB(r)bc</b>	<b>CB,L,E0,VSMBLRN</b>
Feb 12 1983	12.5" 16mm	MB,PL,DNUC,F*W EDGE,OVAL,SOFT DIM NUC,VMBM,FACE ON,HALO		
Mar 15 1985	12.5" 16mm	SAME,PB,PL,BNUC,F* JUST W OF NUC,FACE ON,SPR STR DET		
<b>H45-7</b>	<b>NGC 436</b>	<b>Cas</b>	<b>Open Cluster 10.0 I 2 m</b>	<b>CL,S,IF,PC</b>
Aug 13 1982	12.5" 24mm	MF,MS,20-30 *S,LOOSE,SCATTERED		
<b>H46-1</b>	<b>NGC 6355</b>	<b>Oph</b>	<b>Globular</b>	<b>CF,L,R,GBM,RRR</b>
Jun 04 1981	12.5" 24mm	DIF,PF,PS		
<b>H46-2</b>	<b>NGC 3301</b>	<b>Leo</b>	<b>Galaxy SB0-a</b>	<b>CB,S,LE53,PSBM,R</b>
Dec 03 1980	12.5" 24mm			
Feb 25 1984	12.5" 12mm	VDIF,MB,ML,EDGE ON,BNUC,MOD HISB		
Jan 30 1981	12.5" 24mm	PB,PL,ELONG,BNUC,DIM HALO		
<b>H46-4</b>	<b>NGC 5493</b>	<b>Vir</b>	<b>Galaxy S0 pec sp</b>	<b>PB,VS,R,PSMBM*,*18IN</b>
Apr 26 2003	12.5" 9mmT6	VB,MS,ELONG,BNUC,VERY HISB MIDDLE,VMBM,R=E		
<b>H46-5</b>	<b>NGC 3556</b>	<b>UMa M108</b>	<b>Galaxy SB(s)cd sp</b>	<b>CB,VL,VME79,PBM,R</b>
Apr 16 1980	6" 24mm	IN SAME FOV WITH M97		
Dec 26 2003	31" 17mmT4	VB,EL,EDGE ON,NND,MOD HISB,3*S IN GAL,H2 REGIONS DET,DUST DET,PATCHY ARMS		

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<b>H46-5</b>	<b>NGC 3556</b>	<b>UMa M108</b>	<b>Galaxy SB(s)cd sp</b>	<b>CB,VL,VME79,PBM,R</b>
Dec 26 2003	31"	17mmT4	VB,EL,EDGE ON,NND,MOD HISB,3*S IN GAL,H2 REGIONS DET,DUST DET,PATCHY ARMS DET,E	
Mar 02 1984	10"	20mm	SAME	
Mar 08 2013	36"	17mmT4	MESSIER MARATHON 2013	
Mar 15 1985	12.5"	12mm	MB,PL,VERY EDGE ON,F*N EDGE,B*CENTER,MOD HISB,KNTY STR SUSP,EXCELLENT!!!	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
May 07 1980	5"	9mm		
Oct 22 1982	12.5"	16mm	DIF,MB,VL,F*N EDGE,EDGE ON,UB,LARGE,NND	
Oct 31 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 18 1980	12.5"	24mm		
<b>H46-7</b>	<b>NGC 654</b>	<b>Cas</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,IF,RI,1*6.7,</b>
Jul 31 1981	12.5"	24mm	SMALL,LITTLE DIFFUSENESS SEEN IN CLUSTER,FEW *S	
<b>H46-8</b>	<b>NGC 2430</b>	<b>Pup</b>	<b>Open Cluster asterism?</b>	<b>CL,VL,VLC</b>
Nov 24 2006	12.5"	12mmT4	MB,ML,APPROX 10*S,VERY LITTLE CLUSTERING,PAIR=2428,LOOSLY SCATTERED,R=P	
<b>H47-1</b>	<b>NGC 6712</b>	<b>Sct</b>	<b>Globular</b>	<b>GCL,PB,VL,IRR,RRR</b>
Aug 13 1982	12.5"	16mm	MB,VL,OVAL,PATCHY,SBM,OUTTER *S STARTING TO RESOLVE	
Aug 13 2007	31"	31mmT5	VB,VL,RESOLVED,17MM *S IN CORE DET,R=E	
Sep 05 2007	31"	17mmT4	PB,VL,OVAL,HUNDREDS *S,RESOLVED TO CORE,*S MOSTLY SAME MAG,R=E	
<b>H47-2</b>	<b>NGC 3437</b>	<b>Leo</b>	<b>Galaxy SAB(rs)c:</b>	<b>PB,PL,LE120,GBM</b>
Feb 25 1984	12.5"	16mm	DIF,MF,MS,EDGE ON,UB	
Jan 30 1981	12.5"	24mm	PB,PL,ELONG TO EDGE ON,FNUC,FAINT HALO	
<b>H47-4</b>	<b>NGC 4915</b>	<b>Vir</b>	<b>Galaxy E0</b>	<b>PB,S,R,BM</b>
Mar 22 2004	12.5"	12mmT4	PB,PS,R,SMALL BNUC,HISB MIDDLE,PAIRS=4918/4890,R=G	
<b>H47-5</b>	<b>NGC 3079</b>	<b>UMa</b>	<b>Galaxy SB(s)c sp</b>	<b>VB,L,ME135</b>
Dec 03 1980	12.5"	24mm	LOOKS LIKE MINATURE M82	
Jan 08 2003	12.5"	9mmT6	VB,BL,EDGE ON,DUST DET,SLIGHTLY BULGE IN MIDDLE,F* IN TIP,MOD HISB,PAIR/3073	
Mar 06 2003	12.5"	9mmT6	VB,EL,EDGE ON,MOD HISB,CENTRAL BULGE,SBM,DUST LANE SUSP,PAIR=3073,R=E	
Mar 15 1985	12.5"	12mm	PB,PL,F* IN N TIP,SAME *S PRESENT,S PART THICKER THAN N	
Oct 22 1982	12.5"	16mm	MF,ML,EDGE ON,F*N TIP,F*E SIDE,UB,TAPPERED,NND	
<b>H47-7</b>	<b>NGC 1502</b>	<b>Cam</b>	<b>Open Cluster 7.0 I 3 m</b>	<b>CL,PRI,CC,IF</b>
Oct 03 1981	12.5"	24mm	MB,ML,BRT DOUBLE * IN CENTER,APPROX 20*S,NICE IN 24MM	
<b>H47-8</b>	<b>NGC 2428</b>	<b>Pup</b>	<b>Open Cluster cluster?</b>	<b>CL,VL,VLC</b>
Nov 24 2006	12.5"	12mmT4	PB,ML,APPROX 20*S,VERY LITTLE CLUSTERING,PAIR=2430,LOOSLY SCATTERED,R=P	
<b>H48-1</b>	<b>NGC 6356</b>	<b>Oph</b>	<b>Globular</b>	<b>GCL,VB,CL,VGVM,RRR</b>
Jul 21 1984	12.5"	12mm	MB,ML,BNUC,R,HISB MIDDLE,*S NOT RESOLVED	
Jun 04 1981	12.5"	24mm	MB,ML,BNUC	
Jun 10 1980	6"	24mm		
Jun 18 1980	12.5"	24mm		
<b>H48-2</b>	<b>NGC 2672</b>	<b>Cnc</b>	<b>Galaxy E1-2</b>	<b>PB,PL,IR,MBM</b>
Dec 03 1980	12.5"	24mm		
Feb 21 1984	12.5"	12mm	SAME,ANOTHER VF* TO E 1 GAL DIA,SBM,DIF,MF,PS,ELONG,SN?	
Mar 26 2006	31"	17mmT4	VB,VL,R,LBNUC,F* OFF EDGE,CLOSE COMP=2673,MOD HISB ARMS,BM,HISB MID,MINI M51,R=E	
Oct 24 1981	12.5"	16mm	EDIF,PF,VS,F*N 1 GAL DIA,SOMEWHAT BM	
<b>H48-4</b>	<b>NGC 3104</b>	<b>LMi</b>	<b>Galaxy IAB(s)m</b>	<b>EF,PL,E,VF* INV</b>

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<b>H48-4</b>	<b>NGC 3104</b>	<b>LMi</b>	<b>Galaxy IAB(s)m</b>	<b>EF,PL,E,VF* INV</b>
Dec 26 2003	31"	17mmT4	VDIF,VF,ML,OVAL,PATCH,UB,F* IN GAL,R=P	
<b>H48-5</b>	<b>NGC 1097</b>	<b>For</b>	<b>Galaxy SB(s)b</b>	<b>VB,L,VME151,VBMN</b>
Sep 09 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 16 2009	31"	17mmT4	EB,EL,OVAL,EXT LARGE BNUC,SUDDENLY MBM,CENTRAL REG UB,LARGE HALO OF ARMS,INTER=1097A,R=E	
<b>H48-7</b>	<b>NGC 559</b>	<b>Cas</b>	<b>Open Cluster 9.0 I 1 m</b>	<b>CL,B,PL,PRI</b>
Jul 31 1981	12.5"	24mm	FEW B*S, MOSTLY FAINTER *S APPROX 10-11 MAG,APPROX 50*S IN ALL	
<b>H48-8</b>	<b>NGC 2260</b>	<b>Mon</b>	<b>Open Cluster 8.0 cluster?</b>	<b>CL,VL,P,VLC,ST L\$S</b>
Mar 18 2007	31"	31mmT5	VB,EL,APPROX 15*S,FEW B*,MOST SAME MAG,VERY LITTLE CLUSTERING,LOOSE,R=P	
<b>H49-1</b>	<b>NGC 6522</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,B,PL,R,GVMBM,RRR</b>
Aug 13 1982	12.5"	16mm	MF,VS,F*NE EDGE,R,MBM,OUTER *S JUST RESOLVABLE,PAIR/6538	
Sep 20 1984	12.5"	12mm	PF,PS,2F*S BOTH SIDES,EF* ON W EDGE,SBM,PATCHY-R,PAIR/6528 TO W	
<b>H49-2</b>	<b>NGC 3599</b>	<b>Leo</b>	<b>Galaxy SA0:</b>	<b>B,PS,R,PGMBM</b>
Jan 08 2003	12.5"	9mmT6	DIF,MF,MS,DNUC,R,FACE ON,GMBM,MOD HISB IN MIDDLE,SMALL NUC REGION	
<b>H49-3</b>	<b>NGC 2648</b>	<b>Cnc</b>	<b>Galaxy Sa</b>	<b>F,S,VLE135,PSBM</b>
Mar 26 2006	31"	17mmT4	VB,VL,ELONG,LBNUC,FAINT OUTER ARMS,MBM,HISB MIDDLE,LARGE CENTRAL BULGE,PAIR,R=E	
<b>H49-4</b>	<b>NGC 5507</b>	<b>Vir</b>	<b>Galaxy SAB(r)0^</b>	<b>CF,S,R,STELLAR</b>
Apr 26 2003	12.5"	9mmT6	PB,ML,ELONG,FNUC,SOMEWHAT HISB,ROUND SOFT NUC,GBM,PAIR=5506,R=G	
<b>H49-5</b>	<b>NGC 1624</b>	<b>Per</b>	<b>Open Cluster II 1 p n</b>	<b>F,CL,IF,60R7*+NEB</b>
Aug 10 2002	12.5"	24mm	MS,PF,TIGHT GROUPING,STANDS OUT WELL,20*S,RESOLVED	
<b>H49-7</b>	<b>NGC 637</b>	<b>Cas</b>	<b>Open Cluster 8.0 I 2 m</b>	<b>CL,PS,B\$VF ST</b>
Jul 31 1981	12.5"	24mm	SMALL IN SOMEWHAT BARREN * FIELD,FEW F*S SEEN	
<b>H49-8</b>	<b>NGC 2240</b>	<b>Aur</b>	<b>Open Cluster sparse gr</b>	<b>CL,PL,P,VLC,*7,10.15</b>
Feb 17 2004	31"	17mmT4	VB,VL,APPROX 15 *S LOOSE AND SCATTERED,VARIOUS MAGNITUDES,R=P	
<b>H50-1</b>	<b>NGC 6624</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,VB,PL,R,RRR,ST16</b>
Aug 13 1982	12.5"	16mm	VB,MS,BNUC,R,VMBM	
<b>H50-2</b>	<b>NGC 3607</b>	<b>Leo</b>	<b>Galaxy SA(s)0^:</b>	<b>VB,L,R,VMBM,2ND OF 3</b>
Jan 30 1981	12.5"	24mm	PB,PL,BNUC,PAIR/3605/3608	
Jun 10 1980	6"	24mm	VERY DIFFICULT TO FIND. NO GUIDE *S	
Mar 03 1984	12.5"	12mm	VB,ML,BNUC,R,BM,PAIRS/3608/3605	
Mar 06 2010	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,HISB,PAIRS=3606/3605/PGC34407,R=E	
<b>H50-4</b>	<b>NGC 6229</b>	<b>Her</b>	<b>Globular</b>	<b>GCL,VB,L,R,DISC,R</b>
Apr 18 1980	6"	24mm	LOOKS LIKE 3RD * IN A TRI	
Feb 25 1982	12.5"	16mm	MB,MS,BNUC,MOD HISB,ALMOST RESOLVED,R	
Jul 11 1980	12.5"	24mm		
Jul 12 1980	12.5"	24mm		
Jul 14 1980	12.5"	24mm		
Jun 17 1980	12.5"	24mm		
<b>H50-7</b>	<b>NGC 7067</b>	<b>Cyg</b>	<b>Open Cluster 11.2 II 1 p</b>	<b>CL,P,(NEB)</b>
Sep 04 2002	12.5"	32mm	PB,PS,APPROX 20*S,FAINT PATCH IN CLUSTER	
<b>H50-8</b>	<b>NGC 2252</b>	<b>Mon</b>	<b>Open Cluster 9.0 III 2 m n</b>	<b>CL,VL,PRI,LC,STS</b>
Oct 05 2002	12.5"	24mm	PB,PL,APPROX 50*S SCATTERED AND LOOSE,DIFFERENT MAG	
<b>H51-1</b>	<b>NGC 6638</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,B,S,R,RR</b>
Jun 17 1980	12.5"	24mm		
Jun 18 1980	12.5"	24mm		

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<b>H51-1</b>	<b>NGC 6638</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,B,S,R,RR</b>
Jun 18 1980	12.5" 24mm			
<b>H51-2</b>	<b>NGC 3608</b>	<b>Leo</b>	<b>Galaxy E2</b>	<b>B,PL,R,PSBM,3RD OF 3</b>
Jan 30 1981	12.5" 24mm	DIF,PF,PL,ELONG,FAINT NUC AND HALO,PAIR/3605/3607		
Mar 03 1984	12.5" 12mm	MB,ML,BNUC,SLIGHTLY ELONG,BM,SEVERAL *S NE AND NW,PAIR/3607/3605		
Mar 10 2007	31" 17mmT4	MF,MS,OVAL,LARGE FNUC,PAIRS=MAC'S,R=F		
<b>H51-4</b>	<b>NGC 6818</b>	<b>Sgr</b>	<b>Planetary Neb 4</b>	<b>PLN,B,VS,R</b>
Jul 15 1980	12.5" 24mm			
Jul 30 2002	12.5" 16mm	MB,ML,BRT BLUE GREEN,VERY ROUND		
Jun 17 1980	12.5" 9mm	GREAT,LOOKS LIKE 6210		
Jun 18 1980	12.5" 24mm			
Sep 02 2008	31" 17mmT4	VB,ML,R,OIII HELPS MUCH,BRT BLUEISH GREEN,CENTRAL REGION DARK,NO C* DET,R=E		
Sep 20 1981	12.5" 24mm			
Sep 20 1984	12.5" 12mm	PB,PS,F* JUST TO W,UB,R		
<b>H51-5</b>	<b>NGC 4236</b>	<b>Dra</b>	<b>Galaxy SB(s)dm</b>	<b>VF,EL,ME160,VGBM</b>
Apr 23 2003	12.5" 9mmT6	DIF,MF,EL,ELONG,PATCH,LARGE,PATCHES DET,H2 REGIONS SUSP,R=G		
<b>H51-7</b>	<b>NGC 7062</b>	<b>Cyg</b>	<b>Open Cluster 10.1 II 2 m</b>	<b>CL,PS,PRI,PC,ST13...</b>
Aug 11 1982	12.5" 24mm	MB,ML,UNIFORM DIST,FEW B*S WITH F*S,R,APPROX 50*S		
<b>H51-8</b>	<b>NGC 2306</b>	<b>Mon</b>	<b>Open Cluster 8.0 cluster?</b>	<b>CL,P,VLC</b>
Mar 18 2007	31" 31mmT5	VB,EL,NO CLUSTERING DET,RICH * FOV,SCATTERED,VARIOUS MAG,R=P		
<b>H52-1</b>	<b>NGC 7006</b>	<b>Del</b>	<b>Globular</b>	<b>B,PL,R,GBM</b>
Jul 08 1983	12.5" 12mm	DIF,MF,MS,FNUC,R,SBM,SOFT GLOW		
Jul 30 1981	12.5" 24mm	BNUC,NO *S IN HALO SEEN,R,SMALL VERY DIF		
Jul 31 2002	12.5" 12mm	SAME		
<b>H52-2</b>	<b>NGC 3626</b>	<b>Leo</b>	<b>Galaxy S0-a</b>	<b>B,S,VLE,SBM</b>
Jan 30 1981	12.5" 24mm	VB,PS,BNUC,PAIR/M65/M66/3628		
Mar 03 1984	12.5" 12mm	MB,PS,BNUC,R,BM		
<b>H52-4</b>	<b>NGC 7635</b>	<b>Cas</b>	<b>Nebula E</b>	<b>VF,*8INV L EXCENTRIC</b>
Jul 31 1981	12.5" 16mm	VDIF,IRR IN SHAPE,NEB AROUND B*,BUBBLE NEBULA		
<b>H52-5</b>	<b>NGC 3359</b>	<b>UMa</b>	<b>Galaxy SB(rs)c</b>	<b>PB,L,E0,GLBM</b>
Mar 15 1985	12.5" 16mm	OVAL,PATCH,UB,STELL NUC DET		
Mar 15 1985	12.5" 24mm	DIF,MF,PL,LARGE DISFUSE PATCH IN BARREN AREA		
<b>H52-7</b>	<b>NGC 7082</b>	<b>Cyg</b>	<b>Open Cluster 9.9 IV 2 p</b>	<b>CL,L,CRI,LC,ST10..13</b>
Sep 04 2002	12.5" 32mm	PB,VL,APROX 20-30 *S,LOC IN RICH * FIELD,DOES NOT STAND OUT WELL		
<b>H53-1</b>	<b>NGC 7331</b>	<b>Peg</b>	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>
Jul 06 1983	12.5" 16mm	MB,PL,EDGE ON,LARGE BNUC,TAPPERED ENDS,DUST LANE SUSP IN 12MM		
Jul 07 1981	12.5" 24mm	PB,PL,EDGE ON,BRT NUC,DIM AREA		
Jul 11 1980	12.5" 24mm			
Jul 12 1980	12.5" 24mm			
Jul 15 1980	12.5" 24mm			
Jul 17 1980	12.5" 24mm			
Jul 29 1981	12.5" 24mm	SAME,3 COMP GAL SEEN,7335/7336/7340		
Jun 17 1980	12.5" 24mm	TWILIGHT STARTING,OBJECT WASHED OUT		
Jun 20 1980	12.5" 24mm			
Jun 27 2003	12.5" 9mmT6	EB,EL,BNUC,VERY HISB,DUST DET,LARGE BRT NUC,FAINT HALO & ARMS,OTHERS PRESENT,R=E		
Sep 01 2002	12.5" 12mm	SAME		
Sep 07 1980	12.5" 24mm			



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<b>H53-1</b>	<b>NGC 7331</b>	<b>Peg</b>	<b>Galaxy SA(s)b</b>	<b>B,PL,PME163,SMBM</b>
Sep 07 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 17 2003	31"	25mm	EB,EL,EDGE ON,BNUC,HISB,TIGHT BRT NUC,DUST LANE,COMP DET,7331 CLUSTER,R=E	
Sep 18 1980	12.5"	24mm		
Sep 18 1982	12.5"	16mm	MB,ML,EDGE ON,BNUC,DUST LANE SUSP,TAPPERED ENDS,7335 CLOSE BY	
Sep 21 1984	12.5"	12mm	MB,ML,EDGE ON,SAME,COMP CLOSE BY	
<b>H53-2</b>	<b>NGC 3659</b>	<b>Leo</b>	<b>Galaxy SB(s)m?</b>	<b>CF,S,LE,R</b>
Mar 03 1984	12.5"	12mm	VDIF,MF,MS,PATCHY,OVAL,NND,UB,NO *S	
<b>H53-4</b>	<b>NGC 1501</b>	<b>Cam</b>	<b>Planetary Neb 3</b>	<b>PLN,PB,PS,VLE,1'DIAM</b>
Oct 03 1981	12.5"	12mm	VERY R,UB,F CENTRAL * 14TH MAG DET,GREEN,DIF,MF,MS	
Oct 09 2010	31"	17mmT4	MB,ML,R,C* 13TH MAG,GRAYISH GREEN COLOR,VERY R,SHARP EDGES,DARKER INNER RING,OIII HELPS LITTLE,C* GOES AWAY,R=E	
<b>H53-7</b>	<b>NGC 7209</b>	<b>Lac</b>	<b>Open Cluster 9.0 III 1 m</b>	<b>CL,L,CRI,PC,ST9...12</b>
Jul 15 1980	12.5"	24mm	CLUSTER WELL PLACED	
Sep 20 1984	12.5"	24mm	VB,VL,APPROX 40-50*S,SCATTERED,NICE,*S APPROX SAME MAG	
<b>H53-8</b>	<b>NGC 6507</b>	<b>Sgr</b>	<b>Open Cluster 12.0 IV 3 m</b>	<b>CL,PS,LRI,LC</b>
Sep 04 2002	12.5"	24mm	MF,PL,APPROX 20-30*S SAME MAG,SOMEWHAT FAINT BACKGROUND GLOW	
<b>H54-1</b>	<b>NGC 393</b>	<b>And</b>	<b>Galaxy S0-:</b>	<b>F,VS,VLE,GBM,4S*NR</b>
Sep 10 2004	31"	17mmT4	VB,PL,R,LARGE BNUC,HISB MIDDLE,SMBM,PAIR=389,R=G	
<b>H54-2</b>	<b>NGC 3691</b>	<b>Leo</b>	<b>Galaxy SBb?</b>	<b>F,PS,LE,R</b>
Jan 30 1981	12.5"	24mm	DIF,EF,PS,EF HALO DET,SEVERAL COMP	
Mar 03 1984	12.5"	12mm	VDIF,VF,MS,OVAL,PATCHY,UB,NND,F*E 1 GAL DIA	
<b>H54-4</b>	<b>NGC 4143</b>	<b>CVn</b>	<b>Galaxy SAB(s)0^</b>	<b>CB,R,VG,VSMBN</b>
Feb 12 1983	12.5"	16mm	MB,PS,ELONG,BNUC,SBM,TAPPERED	
Jan 26 1982	12.5"	16mm	PB,ML,BNUC,NUC DET,VMBM	
Jul 05 1980	12.5"	24mm		
<b>H54-7</b>	<b>NGC 2253</b>	<b>Cam</b>	<b>Open Cluster</b>	<b>VF,ST ES</b>
Feb 05 2005	31"	17mmT4	MF,VL,APPROX 20-40*S SAME MAG,LOOSLY SCATTERED,LITTLE CLUSTERING,R=P	
<b>H55-1</b>	<b>NGC 7479</b>	<b>Peg</b>	<b>Galaxy SB(s)c</b>	<b>PB,CL,ME12,BET2ST</b>
Jul 07 1981	12.5"	24mm	DIF,MF,PL,DIM ARMS,F* (15MAG) ON N SIDE	
Jul 11 1980	12.5"	24mm		
Jul 15 1980	12.5"	24mm	EF,PL	
Oct 07 2010	31"	17mmT4	PB,PL,SMALL BNUC,SCORPIN TAIL,BARRED SPIRAL,ONE SIDE,BRTER ARM THAN OTHER,ARMS,R=E	
Sep 21 1984	12.5"	16mm	SAME,MB,PL,VF* ON N TIP,FACE ON,SPR SHAPE DET,S ARM BRT THAN N	
<b>H55-2</b>	<b>NGC 4394</b>	<b>Com</b>	<b>Galaxy (R)SB(r)b</b>	<b>PB,LE,BM</b>
Feb 12 1983	12.5"	16mm	MF,MS,DNUC,R,SBM,PAIR/4382	
Mar 08 2010	31"	17mmT4	MB,MS,ELONG,LARGE BNUC,MOD HISB MIDDLE,GMB,PAIR=4382,R=G	
Mar 27 1981	12.5"	24mm		
<b>H55-3</b>	<b>NGC 3300</b>	<b>Leo</b>	<b>Galaxy SAB(r)0^:?</b>	<b>CF,CS,R,PMBM,R,AMBST</b>
Feb 25 1984	12.5"	16mm	VDIF,VF,MS,PATCHY,OVAL,SBM	
<b>H55-4</b>	<b>NGC 2537</b>	<b>Lyn</b>	<b>Galaxy SB(s)m pec</b>	<b>GCL,PB,PL,R,RRR,ST20</b>
Nov 24 2003	31"	17mmT4	MB,VL,R,NND,SHISB,VF* ON EDGE,BAR SUSP,DUST SUSP,KNT IN GAL DET,PAIR=2537A,R=E	
<b>H55-7</b>	<b>NGC 7762</b>	<b>Cep</b>	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,PRI,PC,*11...15</b>
Jul 09 1983	12.5"	24mm	MF,ML,DOESNOT STAND OUT WELL,LOOSE	
<b>H55-8</b>	<b>NGC 6596</b>	<b>Sgr</b>	<b>Open Cluster II 2 m n</b>	<b>CL,LC</b>
Sep 04 2002	12.5"	24mm	MB,ML,LOOSE,SCATTERED,APPROX 30*S, SAME MAG,DOESNOT STAND OUT WELL	

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<b>H55-8</b>	<b>NGC 6596</b>	<b>Sgr</b>	<b>Open Cluster II 2 m n</b>	<b>CL,LC</b>
Sep 04 2002	12.5"	24mm	MB,ML,LOOSE,SCATTERED,APPROX 30*S, SAME MAG,DOESNOT STAND OUT WELL	
Sep 12 2007	31"	31mmT5	VB,VL,APPROX 20*S VAR MAG,LITTLE CLUSTERING,LOOSE,SCATTERED,R=P	
<b>H56-1</b>	<b>NGC 2903</b>	<b>Leo</b>	<b>Galaxy SAB(rs)bc</b>	<b>CB,VL,E,GMBM,R,SPOF2</b>
Apr 16 1980	6"	24mm	SPR STR SUSP,DIF	
Dec 03 1980	12.5"	24mm		
Feb 25 1984	12.5"	12mm	MB,PL,ELONG,BNUC,3*S OFF TO ONE SIDE,SBM,MOD BRT EQ PLANE	
Jan 20 2004	31"	17mmT4	EB,EL,OVAL,VERY LARGE BNUC,HISB,BAR DET,BRT H2 REGION ONE SIDE,ARMS DET,BRT H2 REGION IS NGC 2905, AWSOME,R=E	
Jan 30 1981	12.5"	24mm	VB,VL,BNUC,DIF HALO,GREAT!!	
Jun 10 1980	6"	24mm		
Mar 17 2018	36"	17mmT4	VB,VL,GRANULAR HAZE,BRT PATCHY REGIONS,S SOFT NUC,GMBM,BAR DET,ARMS ATTACHED BOTH ENDS,SHARP HOOK,R=E	
Oct 31 1980	12.5"	24mm		
<b>H56-2</b>	<b>NGC 4450</b>	<b>Com</b>	<b>Galaxy SA(s)ab</b>	<b>B,L,R,GVMBM*,R,B*SP</b>
Feb 12 1983	12.5"	16mm	MB,ML,FNUC,R,LARGE NUC,HALO DET	
Jun 10 1980	6"	24mm		
Mar 16 2010	31"	17mmT4	VB,VL,ELONG,SMALL BNUC,SMBM,HISB MIDDLE,GRANULAR OVAL ARMS,R=E	
<b>H56-4</b>	<b>NGC 4051</b>	<b>UMa</b>	<b>Galaxy SAB(rs)bc</b>	<b>B,VL,E,VGVSMBM*11</b>
Feb 12 1983	12.5"	16mm	MB,PL,FAINT NUC,F*W EDGE,BRT * E,STELL NUC,KNTS SUSP,FACE ON,OVAL	
<b>H56-7</b>	<b>NGC 7790</b>	<b>Cas</b>	<b>Open Cluster 10.0 II 2 m</b>	<b>CL,PRI,PC</b>
Jul 31 1981	12.5"	24mm	FEW *S,SCATTERED IN FIELD *S	
<b>H56-8</b>	<b>NGC 6910</b>	<b>Cyg</b>	<b>Open Cluster 9.6 I 3 m n</b>	<b>CL,PB,PS,P,PC,*20.12</b>
Aug 13 1982	12.5"	24mm	VERY LOOSE,APPROX 20 *S,PB,PL	
<b>H57-1</b>	<b>NGC 2905</b>	<b>Leo</b>	<b>Knot in Galaxy</b>	<b>VF,CL,R,PSBM,R,NFOF2</b>
Jan 20 2004	31"	17mmT4	MF,MS,PATCH,BRT AREA IN NGC2903,R=F	
<b>H57-2</b>	<b>NGC 2872</b>	<b>Leo</b>	<b>Galaxy E2</b>	<b>PF,PS,R,BM</b>
Mar 10 2007	31"	17mmT4	PB,ML,ELONG,LARGE BNUC,MOD HISB,MBM,PAIRS=2875/2873,R=G	
<b>H57-7</b>	<b>NGC 2192</b>	<b>Aur</b>	<b>Open Cluster 14.0 II 2 m</b>	<b>CL,CL,C,IF,ST VS</b>
Oct 20 2006	31"	17mmT4	VB,VL,APPROX 50*S SIMILAR MAG,FEW BRTER *S,WELL PLACED,CLUSTERING GOOD,R=G	
<b>H58-1</b>	<b>NGC 1395</b>	<b>Eri</b>	<b>Galaxy E2</b>	<b>B,PS,E,PSMBM</b>
Oct 24 1981	12.5"	12mm	MB,ML,BNUC,R,GMBM	
Sep 09 1980	12.5"	24mm		
<b>H58-2</b>	<b>NGC 2875</b>	<b>Leo</b>	<b>Knot in Galaxy SB(r)bc</b>	<b>EF,NF 2874</b>
Mar 10 2007	31"	17mmT4	PB,ML,ELONG,SMALL BNUC,SHISB,ELONG WITH PATCH OR BUMP OFF NUC,PAIRS=NGC'S,R=G	
<b>H58-4</b>	<b>NGC 40</b>	<b>Cep</b>	<b>Planetary Neb 3b+3</b>	<b>F,VS,R,VSMBM,*12SP</b>
Aug 13 1982	12.5"	16mm	BG COLOR,MF,PS,R,BRT CENTRAL *,(10TH MAG),SIM TO BLINKING PL,F*W SIDE	
Aug 13 1982	12.5"	7mm	ELONGATION STARTING TO SHOW UP	
Jul 09 1983	12.5"	12mm	MB,PS,BNEC,BRT CENTRAL *,SHARP EDGES,R	
Sep 02 2008	31"	17mmT4	PB,ML,OVAL,LAYERS OF RINGS DET,BRT C*,GREENISH,F* ON EDGE,OIII NO HELP,R=E	
<b>H58-7</b>	<b>NGC 2479</b>	<b>Pup</b>	<b>Open Cluster III 1 m</b>	<b>CL,PL,PRI,PC,ST S</b>
Oct 16 1982	12.5"	24mm	MF,VL,40-50*S,SCATTERED,APPROX SAME MAG	
<b>H58-8</b>	<b>NGC 6997</b>	<b>Cyg</b>	<b>Open Cluster III 2 m n</b>	<b>CL,P,LC,ST L</b>
Sep 04 2002	12.5"	32mm	VB,EL,APPROX 40*S VARYING IN BRIGHTNESS,WELL PLACED IN 32MM	
<b>H59-1</b>	<b>NGC 2784</b>	<b>Hya</b>	<b>Galaxy SA(s)0^:</b>	<b>B,L,ME64,GMBM</b>
Mar 29 2006	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,HISB MIDDLE,GMBM,PAIRS=MAC'S,R=G	
<b>H59-7</b>	<b>NGC 6866</b>	<b>Cyg</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,L,VRI,CC</b>
Jun 06 1981	12.5"	16mm	MB,MS	

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<b>H59-7</b>	<b>NGC 6866</b>	<b>Cyg</b>	<b>Open Cluster 10.0 II 2 r</b>	<b>CL,L,VRI,CC</b>
Jun 06 1981	12.5" 16mm	MB,MS		
<b>H59-8</b>	<b>NGC 1664</b>	<b>Aur</b>	<b>Open Cluster 10.0 III 1 p</b>	<b>CL,LRI,LC,PL</b>
Apr 16 1980	6" 24mm	VERY DISPERSE,FILLS FOV,SOMEWHAT DETECTABLE		
Aug 21 1982	12.5" 24mm	MB,PL,B* OUTSIDE CLUSTER,*S SAME MAG,APPROX 50*S,SCATTERED,NICE IN 24MM		
Feb 09 2013	36" 31mmT5	EB,EL,APPROX 100*S SCATTERED VARIOUS MAG'S,MOD CLUSTERING,FILLS FOV,R=G		
<b>H60-1</b>	<b>NGC 1332</b>	<b>Eri</b>	<b>Galaxy S(s)0-: sp</b>	<b>VB,S,E114,SMBMN</b>
Oct 24 1981	12.5" 12mm	MB,ML,BNUC,F* OFF W SIDE,OVAL		
Oct 31 1980	12.5" 24mm	PAIR/1325		
Sep 09 1980	12.5" 24mm			
<b>H60-4</b>	<b>NGC 3310</b>	<b>UMa</b>	<b>Galaxy SAB(r)bc pec</b>	<b>CB,PL,R,VG,VSMBMN</b>
Dec 03 1980	12.5" 24mm			
Mar 15 1985	12.5" 12mm	SAME		
Oct 22 1982	12.5" 12mm	SAME		
Oct 22 1982	12.5" 16mm	MB,MS,HISB,R,SBM,FORMS TRI WITH 2F*S,B* IN FIELD		
<b>H60-7</b>	<b>NGC 1513</b>	<b>Per</b>	<b>Open Cluster 11.0 II 1 m</b>	<b>CL,L,VRI,PC,ST VL</b>
Oct 03 1981	12.5" 24mm	MB,ML,APPROX 40*S,DARK PATCH IN CENTER,U SHAPED		
Sep 03 1980	12.5" 24mm			
<b>H60-8</b>	<b>NGC 2311</b>	<b>Mon</b>	<b>Open Cluster 12.0 III 2 m</b>	<b>CL,LC,NOT RI</b>
Oct 16 1982	12.5" 24mm	MF,ML,APPROX 40*S SAME MAG,R		
<b>H61-1</b>	<b>NGC 2974</b>	<b>Sex</b>	<b>Galaxy E4</b>	<b>B,CS,IR,BM,*9SP43"</b>
Jan 29 2014	36" 17mmT4	MB,ML,OVAL,LARGE BNUC,* OFF EDGE,MOD HISB MIDDLE,R=G		
Oct 22 1982	12.5" 12mm	MF,VS,SLIGHTLY ELONG,B* ON W TIP,HISB,GMBM		
<b>H61-2</b>	<b>NGC 4294</b>	<b>Vir</b>	<b>Galaxy SB(s)cd</b>	<b>F,L,ME135,BIN,P OF 2</b>
Apr 25 1981	12.5" 24mm	DIF,EF,PS,FARM,PAIR/4299		
<b>H61-4</b>	<b>NGC 3992</b>	<b>UMa M109</b>	<b>Galaxy SB(rs)bc</b>	<b>CB,VL,PME,SBMBRN</b>
Dec 26 2003	31" 17mmT4	EB,EL,ELONG,VERY LARGE BNUC,HISB NUC,FARMS DET,PATCHY AREAS DET,M109,R=E		
Mar 08 2013	36" 17mmT4	MESSIER MARATHON 2013		
Mar 19 2004	12.5" 12mmT4	MESSIER MARATHON 2004		
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981		
Sep 18 1980	12.5" 24mm			
<b>H61-7</b>	<b>NGC 1528</b>	<b>Per</b>	<b>Open Cluster 10.0 II 2 m</b>	<b>CL,B,VRI,CC</b>
Jul 17 1980	12.5" 24mm			
Oct 03 1981	12.5" 24mm	VB,VL,ONE HALF CLUSTER BRT THAN OTHER,APPROX 50*S		
Sep 03 1980	12.5" 24mm			
<b>H61-8</b>	<b>NGC 1778</b>	<b>Aur</b>	<b>Open Cluster 10.1 III 2 p</b>	<b>CL,PC,LRI,IF,ST L</b>
Sep 06 2002	12.5" 24mm	PB,ML,APPROX 20*S,LOOSLY SCATTERED,*S SIMILAR MAG		
<b>H62-1</b>	<b>NGC 701</b>	<b>Cet</b>	<b>Galaxy SB(rs)c</b>	<b>F,PL,E,VGVLBM,R</b>
Nov 22 2006	12.5" 12mmT4	MF,PS,ELONG,PATCH,UB,NND,R=F		
Sep 18 1980	12.5" 24mm			
Sep 27 1981	12.5" 16mm	EDIF,PF,PS,SOMEWHAT OVAL,UB,NND		
<b>H62-2</b>	<b>NGC 4299</b>	<b>Vir</b>	<b>Galaxy SAB(s)dm:</b>	<b>F,L,LE,VGBM,F OF 2</b>
Apr 25 1981	12.5" 24mm	DIF,EF,ES,FARM,PAIR/4294		
<b>H62-4</b>	<b>NGC 3982</b>	<b>UMa</b>	<b>Galaxy SAB(r)b:</b>	<b>B,PL,R,G,SBM,DISC</b>
Feb 12 1983	12.5" 16mm	MB,MS,DNUC,R,SBM,SAME 24MM FIELD WITH 3998		
<b>H62-7</b>	<b>NGC 6756</b>	<b>Aql</b>	<b>Open Cluster 13.0 I 1 m</b>	<b>CL,S,RI,LC,*11...12</b>
Aug 31 1984	12.5" 16mm	SAME		
Jul 10 1981	12.5" 16mm	INDIVIDUAL *S JUST BARELY VISIBLE,VERY DIF,RESEMBLES A LARGE GAL OR GLOBULAR		

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<b>H62-7</b>	<b>NGC 6756</b>	<b>Aql</b>	<b>Open Cluster 13.0 I 1 m</b>	<b>CL,S,RI,LC,*11...12</b>
Jul 10 1981	12.5" 16mm	INDIVIDUAL *S JUST BARELY VISIBLE,VERY DIF,RESEMBLES A LARGE GAL OR GLOBULAR X		
<b>H62-8</b>	<b>NGC 7708</b>	<b>Cep</b>	<b>Open Cluster 7.3 asterism?</b>	<b>CL,L,P,LC,*8,10...15</b>
Sep 18 2004	31" 25mm	VB,EL,APPROX 50*S,SEVERAL FOV'S,VAR MAG,SCATTERED,R=P		
<b>H63-1</b>	<b>NGC 1052</b>	<b>Cet</b>	<b>Galaxy E4</b>	<b>B,PL,R,MBM*12</b>
Sep 07 1980	12.5" 24mm			
Sep 18 1980	12.5" 24mm			
Sep 27 1981	12.5" 16mm	PB,MS,BNUC,MBM,R,F*NW 1 GAL DIA SUSP,PAIR/1048		
<b>H63-2</b>	<b>NGC 4313</b>	<b>Vir</b>	<b>Galaxy SA(rs)ab: sp</b>	<b>VF,L,E135,R</b>
Apr 26 2003	12.5" 9mmT6	VB,VL,EDGE ON,UB,NND,MOD HISB,R=E		
<b>H63-4</b>	<b>NGC 5204</b>	<b>UMa</b>	<b>Galaxy SA(s)m</b>	<b>PB,CL,IR,GMBM,R</b>
Apr 03 2005	31" 17mmT4	PB,VL,OVAL,UB,NND,SHISB,CLOSE COMP=MAC,PAIRS=MAC,R=G		
<b>H63-7</b>	<b>NGC 2627</b>	<b>Pyx</b>	<b>Open Cluster 11.0 II 2 r</b>	<b>CL,CL,PRI,PC,*11..13</b>
Oct 22 1982	12.5" 16mm	MF,MS,FEW B*S WITH FAINTER BACKGROUND *S,CLUSTER TO S SUSP		
<b>H63-8</b>	<b>NGC 7234</b>	<b>Cep</b>	<b>Open Cluster cluster?</b>	<b>CL,S,P,LC</b>
Jun 20 2004	31" 17mmT4	MF,PS,APPROX 7 *S SIMILAR MAGNITUDE,R=F		
Sep 12 2002	12.5" 32mm	PF,VS,APPROX 10*S SIMILAR MAG,FAINT GLOW PRESENT		
Sep 18 1982	12.5" 16mm	DIF,VF,PS,R,SBM,CLOSE PAIR/7235		
<b>H64-1</b>	<b>NGC 1084</b>	<b>Eri</b>	<b>Galaxy SA(s)c</b>	<b>VB,PL,E,GPMBM</b>
Oct 24 1981	12.5" 12mm	MB,ML,ELONG,HISB,PATCHY,NND,VMBM		
Oct 31 1980	12.5" 24mm			
Sep 09 1980	12.5" 24mm			
<b>H64-4</b>	<b>NGC 2440</b>	<b>Pup</b>	<b>Planetary Neb 5+3</b>	<b>PLN,CB,NOT VWELL DEF</b>
Dec 03 1980	12.5" 24mm	SIM TO SATURN NEBULA,BRT BLUE,SLIGHT DIF NEB AROUND OBJECT		
Dec 28 2008	31" 17mmT4	VB,PL,EL,NO C*,IRR,2 HALVES/LOBS,HISB MIDDLE,F OUT SHELL,OIII HELP DETAIL,R=E		
<b>H64-7</b>	<b>NGC 2567</b>	<b>Pup</b>	<b>Open Cluster 11.0 II 2 m</b>	<b>CL,PL,PRI,LC,IR,*11.</b>
Oct 16 1982	12.5" 24mm	VF,ML,APPROX 40*S,SCATTERED,APPROX SAME MAG *S		
<b>H64-8</b>	<b>NGC 381</b>	<b>Cas</b>	<b>Open Cluster 10.0 III 1 m</b>	<b>CL,PC</b>
Jul 31 1981	12.5" 24mm	BLENDS IN WITH FIELD OF *S OF APPROX SAME MAG		
Sep 03 1980	12.5" 24mm			
Sep 28 2013	36" 17mmT4	VB,BL,~30*S,LOOSLY SCATTERED,FILLS FOV,R=F		
<b>H65-1</b>	<b>NGC 4361</b>	<b>Crv</b>	<b>Planetary Neb 3a+2</b>	<b>VB,L,R,VSMBMN,R</b>
Mar 16 2009	31" 17mmT4	VB,EL,BRT C*,SQUARE SHAPE NEB,GREENISH,W/OIII,NEB MORE PRONOUNCED,HELPS A LITTLE,NEB MORE SQUARE LIKE,R=E		
May 03 1981	12.5" 16mm	BLUE GREEN,PB,PL,CENTRAL * APPROX 11MAG DET		
<b>H65-2</b>	<b>NGC 4429</b>	<b>Vir</b>	<b>Galaxy SA(r)0+</b>	<b>B,L,CE,PSBM,*10NF</b>
Apr 25 1981	12.5" 24mm	DIF,PB,PL,FNUC,DARM		
<b>H65-4</b>	<b>NGC 2346</b>	<b>Mon</b>	<b>Planetary Neb 3b+4</b>	<b>*10AFF W/ S,VF,NEB</b>
Dec 28 2008	31" 17mmT4	VB,PL,R,HISB,BRT C*11,BRT GREENISH,MORE NEB WITH AV,OIII DOESN'T HELP MUCH,R=E		
Oct 05 2002	12.5" 9mmT6	PB,PS,BNUC,VBM,CENTRAL * APPROX 8 MAG,R,HISB,BLUE GREEN CENTRAL REGION		
<b>H65-7</b>	<b>NGC 2401</b>	<b>Pup</b>	<b>Open Cluster I 1 p</b>	<b>CL,S,CRI,CC,ST VS</b>
Nov 24 2006	12.5" 12mmT4	MF,MS,APPROX 30-40*S,FAINT GLOW,GOOD CLUSTERING,SIMILAR MAG,WELL PLACED,R=G		
<b>H65-8</b>	<b>NGC 659</b>	<b>Cas</b>	<b>Open Cluster 10.0 I 2 m</b>	<b>CL,LRI,ST B</b>
Aug 13 1982	12.5" 24mm	MF,MS,SCATTERED,APPEARS TO BE BROKEN IN CENTER,CLOSE TO 663		
<b>H66-1</b>	<b>NGC 2781</b>	<b>Hya</b>	<b>Galaxy SAB(r)0+</b>	<b>B,S,VLE,PSMBM</b>
Mar 29 2006	31" 17mmT4	PB,VL,ELONG,LARGE BNUC,HISB MIDDLE,BM,R=G		
<b>H66-2</b>	<b>NGC 4503</b>	<b>Vir</b>	<b>Galaxy SB0-:</b>	<b>PB,S,R,GBM</b>

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<b>H66-2</b>	<b>NGC 4503</b>	<b>Vir</b>	<b>Galaxy SB0-:</b>	<b>PB,S,R,GBM</b>
May 01 1981	12.5" 24mm	PF,PS,FNUC		
<b>H66-3</b>	<b>NGC 3303</b>	<b>Leo</b>	<b>Galaxy Pec</b>	<b>VF,VS,VLE,GLBM,R</b>
Mar 26 2006	31" 17mmT4	PB,PL,PATCH,LBNUC,MHISB,PATCHY,BRT H2 AREAS,ARM STRUCTURE,PAIR=PGC31558,R=G		
<b>H66-4</b>	<b>NGC 2701</b>	<b>UMa</b>	<b>Galaxy SAB(rs)c:</b>	<b>PB,FANSHAPED,*11ATT</b>
Mar 15 1985	12.5" 12mm	EDIF,VF,MS,OVAL PATCH,UB,B* IN S PART,NND,SN?		
<b>H66-7</b>	<b>NGC 7142</b>	<b>Cep</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,CL,CRI,PC,*11..14</b>
Aug 11 1982	12.5" 24mm	MF,VL 3OR 4 B*S WITH HUNDREDS OF F*S SCATTERED,PAIR/7129		
Jul 09 1983	12.5" 24mm	MB,ML,LOOSE-SCATTERED,APPROX 40*S SAME MAG		
<b>H66-8</b>	<b>NGC 1027</b>	<b>Cas</b>	<b>Open Cluster 9.0 II 3 m n</b>	<b>CL,L,SC ST,ONE10M</b>
Aug 13 1982	12.5" 24mm	VB,VL,BRT * IN CLUSTER,15*S		
<b>H67-1</b>	<b>NGC 3962</b>	<b>Crt</b>	<b>Galaxy E1</b>	<b>CB,PL,IR,GMBM,TRI2*</b>
Feb 12 1983	12.5" 16mm	MB,VS,BNUC,R,HISB,BM		
<b>H67-4</b>	<b>NGC 3963</b>	<b>UMa</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,CL,R,VG,SBM</b>
Mar 15 1985	12.5" 16mm	DIF,PF,PS,OVAL,UB,NND,COMP TO SW = 3958		
<b>H67-7</b>	<b>NGC 2421</b>	<b>Pup</b>	<b>Open Cluster 11.0 I 2 r</b>	<b>CL,L,CRI,*11...13</b>
Dec 03 1980	12.5" 24mm			
Oct 16 1982	12.5" 24mm	MF,ML,LOOSE AND SCATTERED,APPROX 30*S SAME MAG		
<b>H67-8</b>	<b>NGC 7160</b>	<b>Cep</b>	<b>Open Cluster 7.0 I 3 p</b>	<b>CL,P,VLC</b>
Aug 11 1982	12.5" 24mm	VB,MS,2B*S IN CENTER,20-30 *S,DOES NOT STAND OUT WELL IN FOV		
Jul 09 1983	12.5" 24mm	MB,ML,COUPLE OF B*S IN CLUSTER WITH FAINTER *S,APPROX 50*S,LOOSE		
<b>H68-1</b>	<b>NGC 4856</b>	<b>Vir</b>	<b>Galaxy SB(s)0/a</b>	<b>B,R,PSMBM,*13NP</b>
Feb 12 1983	12.5" 16mm	MB,PS,BNUC,R,BM,VF* ON N EDGE		
<b>H68-2</b>	<b>NGC 4564</b>	<b>Vir</b>	<b>Galaxy E</b>	<b>PB,S,LE,PSBM</b>
Jun 04 1981	12.5" 24mm	VB,VS,BNUC,PAIR/4567/4568		
May 09 2010	31" 17mmT4	PB,ML,ELONG,SBNUC,GMBM,MOD HISB,HISB MIDDLE,R=G		
<b>H68-4</b>	<b>NGC 2950</b>	<b>UMa</b>	<b>Galaxy (R)SB(r)0^</b>	<b>B,PS,R,VGVMBMN</b>
Apr 14 2004	31" 17mmT4	MF,PS,R,LARGE BNUC,SEVERAL F*S ON EDGE OF HALO,HISB MIDDLE,GMBM,R=G		
Aug 22 1980	12.5" 24mm			
Dec 03 1980	12.5" 24mm			
Mar 15 1985	12.5" 12mm	SAME,PF,VS,BNUC,R,BM,NO *S CLOSE IN		
Oct 16 1982	12.5" 12mm	MF,PS,BNUC,* OFF NW SEVERAL GAL DIA,GMBM,OVAL		
<b>H68-8</b>	<b>NGC 2126</b>	<b>Aur</b>	<b>Open Cluster 13.0 III 2 m</b>	<b>CL,NOT RI,*7M NORTH</b>
Aug 21 1982	12.5" 24mm	MF,PL,B* IN CLUSTER,TRI SHAPE,APPROX 20-30*S,NICE IN 24MM		
<b>H69-1</b>	<b>NGC 4902</b>	<b>Vir</b>	<b>Galaxy SB(r)b</b>	<b>PB,PL,IR,ST NR</b>
Mar 22 2004	12.5" 12mmT4	MB,PL,OVAL,LARGE FNUC,SHISB,PAIR=4887,R=G		
<b>H69-2</b>	<b>NGC 4608</b>	<b>Vir</b>	<b>Galaxy SB(r)0^</b>	<b>PB,PL,R,PSBM,R,*NP1'</b>
Jun 04 1981	12.5" 24mm	DIF,MF,PS,DIM HALO,PAIR/4596		
<b>H69-4</b>	<b>NGC 1514</b>	<b>Tau</b>	<b>Planetary Neb 3+2</b>	<b>*9IN NEB3'DIAM</b>
Dec 25 1984	12.5" 16mm	PB,ML,BRT CENTRAL *,LOC BETWEEN 2B*S.LARGE BALL OF NEBULA,R,MOD HISB		
Oct 09 2010	31" 17mmT4	PB,PL,OVAL,OIII HELPS BRING OUT MORE DETAIL IN NEB,DARK PATCHES IN NEB,R=E		
Oct 09 2010	31" 17mmT4	PB,PL,OVAL,R,C* APPROX 9TH MAG,LARGE NEB,SPRIAL IN STR,DARK INNER RING BROKEN,R=E		
<b>H69-8</b>	<b>NGC 7686</b>	<b>And</b>	<b>Open Cluster 7.0 III 2 p</b>	<b>CL,P,LC,*7...11</b>
Aug 11 1982	12.5" 24mm	MB,PL,B ORANGE * IN CENTER,LOOSE,LITTLE CLUSTERING EFFECT,APPROX 40*S		
Aug 31 1984	12.5" 24mm	SAME		
Sep 10 1980	12.5" 24mm			

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<b>H69-8</b>	<b>NGC 7686</b>	<b>And</b>	<b>Open Cluster 7.0 III 2 p</b>	<b>CL,P,LC,*7...11</b>
Sep 10 1980	12.5" 24mm			
<b>H70-1</b>	<b>NGC 5634</b>	<b>Vir</b>	<b>Globular</b>	<b>GCL,VB,CL,R,GBM,RRR</b>
Apr 11 2015	36" 17mmT4	PB,MS,SPEC FOV,BRT FOREGROUND * CLOSE BY,SEVERAL B*S AROUND NUC,MOD HISB		
Jun 11 1983	12.5" 20mm	MID,RESOLVED CORE,LITTLE OR NO HALO,~TYPE II,R=E		
		VB,PL,BNUC,TRI OF B*S AROUND OBJECT,HISB,BM		
<b>H70-2</b>	<b>NGC 4638</b>	<b>Vir</b>	<b>Galaxy S0- sp</b>	<b>F,R,GBM</b>
Jun 04 1981	12.5" 24mm	DIF,MB,PL,BNUC,DIM HALO,PAIR/M60		
Mar 27 1982	12.5" 12mm	MF,PS,ELONG,BNUC,OVAL,VMBM		
<b>H70-4</b>	<b>NGC 5144</b>	<b>UMi</b>	<b>Galaxy SAc? pec</b>	<b>(PLN),CB,S,R,G,SLBM</b>
Apr 14 2004	31" 17mmT4	MF,ML,R,SHISB,PATCHY ARMS DETECTED,R=F		
<b>H70-8</b>	<b>NGC 1582</b>	<b>Per</b>	<b>Open Cluster 9.0 IV 2 p</b>	<b>CL,VL,PRI,LC,ST L</b>
Aug 10 2002	12.5" 25mm	EL,VB,30-40*S,LOOSLY SCATTERED,MAG 7-9		
<b>H71-1</b>	<b>NGC 5812</b>	<b>Lib</b>	<b>Galaxy E0</b>	<b>CB,S,R,SVMBM</b>
May 02 1981	12.5" 16mm	VB,VS,BNUC		
<b>H71-2</b>	<b>NGC 4660</b>	<b>Vir</b>	<b>Galaxy E:</b>	<b>VB,S,VSVMBMN</b>
Jun 04 1981	12.5" 24mm	PF,PS,DNUC,DIM HALO,PAIR/M59		
<b>H71-8</b>	<b>NGC 2281</b>	<b>Aur</b>	<b>Open Cluster 8.0 I 3 m</b>	<b>CL,PRI,VLC,ST PL</b>
Oct 16 1982	12.5" 24mm	MB,VL,APPROX 30*S,STANDS OUT WELL,HOUR GLASS SHAPE,LOOSE		
<b>H72-1</b>	<b>NGC 3254</b>	<b>LMI</b>	<b>Galaxy SA(s)bc</b>	<b>CB,L,ME45,PSMBMN</b>
Dec 03 1980	12.5" 24mm			
Feb 25 1982	12.5" 16mm	DIF,MB,PL,ELONG,BNUC,F*SW SEVERAL GAL DIA,GMBM,TAPPERED,KNTY STR SUSP,DIF HALO		
<b>H72-3</b>	<b>NGC 5249</b>	<b>Boo</b>	<b>Galaxy S0?</b>	<b>VF,S,R,BM</b>
May 14 2010	31" 17mmT4	MF,PS,OVAL,SMALL BNUC,PAIR=MAC,R=F		
<b>H72-4</b>	<b>NGC 6888</b>	<b>Cyg</b>	<b>Nebula E</b>	<b>F,VL,VME,**ATT</b>
Sep 04 2002	12.5" 25mm	PB,PL,BRT NEBULA,2B*S WITH GLOW OF NEB BETWEEN AND AROUND *S		
Sep 04 2002	12.5" 32mm	NEB EASILY DETECTED		
Sep 19 2012	36" 31mmT5	VB,W/OIII,WELL PLACED IN FOV,2 DISTINCT HALVES,ONE BRT THAN OTHER,LARGE LOBS,EXCELLENT DETAIL,AMAZING,R=EE		
<b>H72-8</b>	<b>NGC 6633</b>	<b>Oph</b>	<b>Open Cluster 8.0 III 2 m</b>	<b>CL,LC,ST L</b>
Jun 04 1981	12.5" 32mm	EB,EL		
<b>H73-1</b>	<b>NGC 4150</b>	<b>Com</b>	<b>Galaxy SA(r)0^?</b>	<b>B,S,R,PGMBM</b>
Feb 27 1982	12.5" 16mm	MF,MS,BNUC,GMBM,R		
<b>H73-3</b>	<b>NGC 6021</b>	<b>Ser</b>	<b>Galaxy E+</b>	<b>EF,VS,LE,F OF 2</b>
Jun 01 2008	31" 17mmT4	MB,MS,R,LBNUC,HISB MIDDLE,PAIR=6018,R=G		
<b>H73-4</b>	<b>NGC 6826</b>	<b>Cyg</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,B,PL,R,*11M</b>
Jul 24 1981	12.5" 16mm	GREENISH,BLINKING PLANTARY,CENT * EASILY BLINKS WHEN LOOKING AT CENTER		
Jul 24 1981	12.5" 7mm	CENTRAL * NO LONGER BLINKS		
Jun 17 1980	12.5" 16mm	GREAT,GREENISH BLUE COLOR,USE BARLOW AND 16MM		
Jun 20 1980	12.5" 9mm	BRT CENTRAL * EASILY SEEN		
Sep 02 2008	31" 17mmT4	VB,VL,R,GREENISH TECTURE BRT BALL,C* VERY BRT 10TH MAG,OIII NOT MUCH HELP,R=E		
<b>H74-1</b>	<b>NGC 4245</b>	<b>Com</b>	<b>Galaxy SB(r)0/a:</b>	<b>CB,PL,VLE,SMBM,R</b>
Feb 27 1982	12.5" 16mm	MB,ML,BNUC,R,SMALL NUC		
<b>H74-4</b>	<b>NGC 7023</b>	<b>Cep</b>	<b>Nebula R</b>	<b>*7IN EF,EL,NEBY</b>
Jul 09 1983	12.5" 12mm	DIF,MB,MS,GAS AROUND B*,SOME DETAIL IN GAS DET		
Sep 12 2012	36" 17mmT4	PB,VL,3*S WITH NEB,FINE DETAIL IN WISP OF NEB,GREENISH,OIII NO HELP,PATCHES,DRK AREAS,PAIR=CR 427,R=G		
<b>H74-8</b>	<b>NGC 7031</b>	<b>Cyg</b>	<b>Open Cluster 11.3 III 2 m</b>	<b>CL OF TRIP ST,LC</b>

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<b>H74-8</b>	<b>NGC 7031</b>	<b>Cyg</b>	<b>Open Cluster 11.3 III 2 m</b>	<b>CL OF TRIP ST,LC</b>
Sep 04 2002	12.5" 32mm	PB,PL,FEW B*S WITH MANY F*S,ELONG IN SHAPE		
<b>H75-1</b>	<b>NGC 4274</b>	<b>Com</b>	<b>Galaxy (R)SB(r)ab</b>	<b>VB,VL,E90,MBMN</b>
Feb 12 1983	12.5" 24mm	MB,PL,ELONG,BNUC,TAPPERED ENDS,PAIR/4278/4283		
Feb 27 1982	12.5" 16mm	MB,VL,ELONG,BNUC,FAINT HALO,SMALL NUC,DIF HALO AROUND NUC		
<b>H75-2</b>	<b>NGC 4762</b>	<b>Vir</b>	<b>Galaxy SB(r)0^? sp</b>	<b>PB,VME31,3B*S,F OF 2</b>
Feb 12 1983	12.5" 16mm	MB,MS,3B*S OFF TO A SIDE,APPEARS LIKE M104,PAIR/4754		
<b>H75-4</b>	<b>NGC 7129</b>	<b>Cep</b>	<b>Nebula IV 2 p n</b>	<b>CF,PL,GBM***</b>
Aug 11 1982	12.5" 24mm	MF,PS,R-OVAL,4*S ON OUTSIDE EDGE,1F* IN CENTER OF OBJECT,SAME FOV AS 7142		
Jun 20 2004	31" 17mmT4	PB,PL,LOOSLY SCATTERED,APPROX 10 *S,PAIR=7133,R=F		
Sep 12 2012	36" 17mmT4	MB,ML,15*S LITTLE CLUSTERING,VAR MAG,SCATTERED,PAIR=7133,R=P		
<b>H75-8</b>	<b>NGC 7243</b>	<b>Lac</b>	<b>Open Cluster 8.0 II 2 m</b>	<b>CL,L,P,LC,ST VL</b>
Jul 15 1980	12.5" 24mm	CLUSTER WELL PLACED		
Sep 20 1984	12.5" 24mm	VB,VL,RICH * FIELD,PPEARS TO BE 2 CLUSTERS SIDE BY SIDE,APPROX 40*S		
<b>H76-1</b>	<b>NGC 4314</b>	<b>Com</b>	<b>Galaxy SB(rs)a</b>	<b>CB,L,E150,SBM,*NP</b>
Feb 12 1983	12.5" 24mm	PB,ML,EDGE ON,BNUC,F*N TIP,BM,TAPPERED		
<b>H76-2</b>	<b>NGC 5970</b>	<b>Ser</b>	<b>Galaxy SB(r)c</b>	<b>PF,PL,R,RR</b>
Jun 01 2008	31" 17mmT4	VB,VL,ELONG,OVAL,LBNUC,HISB,MBM,BRT BAR ACCROSS NUC,PAIR=PGC55664,R=G		
May 31 1981	12.5" 16mm	DIF,MB,PS,FAINT HALO		
<b>H76-4</b>	<b>NGC 6946</b>	<b>Cep</b>	<b>Galaxy SAB(rs)cd</b>	<b>VF,VL,VG,VSBM,RR</b>
Aug 14 1982	12.5" 16mm	EDIF,MF,PL,PATCHY,OVAL,NND,STARS IN GAL,SEE CARD FOR DRAWING		
Aug 19 1980	12.5" 32mm	VF,COULD NOT FIND IN 24MM		
Jul 09 1983	12.5" 24mm	MF,VL,OVAL,3B*S TO ONE SIDE,SEVERAL F*S IN GAL,SPR STR SUSP,PAIR/6939		
Jun 06 1981	12.5" 16mm	DIF,VL,MB,SOME SPR STR DET,FACE ON,SEVEAL *S IN GAL,RESEMBLES M33		
Jun 22 2003	12.5" 9mmT6	VB,EL,R,NND,SHISB,AREAS OF PATCHES DET,SEVERAL *S IN GAL,R=E		
Sep 12 2012	36" 17mmT4	PB,VL,SMALL BNUC,SPIRAL ARMS,KNOTS IN ARMS DET,H2 REGIONS DET,R=E		
<b>H76-8</b>	<b>NGC 6991</b>	<b>Cyg</b>	<b>Open Cluster 5.7 III 2 n</b>	<b>CL,L,P,VLC</b>
Sep 04 2002	12.5" 32mm	VB,EL,APROX 50*S,*S SIMILAR IN BRIGHTNESS,RICH * FIELD		
<b>H77-1</b>	<b>NGC 4414</b>	<b>Com</b>	<b>Galaxy SA(rs)c?</b>	<b>VB,L,E,G,VSBM*</b>
Feb 12 1983	12.5" 16mm	VB,ML,BNUC,BM,DIF HALO,SLIGHTLY ELONG,NO *S ON EDGE LIKE PHOTO		
<b>H77-2</b>	<b>NGC 3338</b>	<b>Leo</b>	<b>Galaxy SA(s)c</b>	<b>F,CL,E,VGBM,*7P10S</b>
Dec 03 1980	12.5" 24mm			
Feb 25 1984	12.5" 12mm	DIF,MF,PL,B* CLOSE BY,FACE ON,UB,R		
Jan 30 1981	12.5" 24mm	DIF,PB,VL,DIM HALO,PAIR/3346		
<b>H77-4</b>	<b>NGC 1325</b>	<b>Eri</b>	<b>Galaxy SA(s)bc</b>	<b>F,ME239,COM,*9.5ATT</b>
Oct 24 1981	12.5" 12mm	DIF,MF,PS,ELONG,B*W EDGE,NND,UB,F* TO S		
Oct 31 1980	12.5" 24mm	PAIR/1332		
<b>H77-8</b>	<b>NGC 7380</b>	<b>Cep</b>	<b>Open Cluster 10.0 III 2 m n</b>	<b>CL,PL,PRI,LC,*9...13</b>
Aug 11 1982	12.5" 24mm	MB,PL,50-70*S,FAINT GLOW BETWEEN *S,TRI SHAPE CLUSTER,GRT > 10 ARC MIN		
Jul 09 1983	12.5" 24mm	MB,PL,SAME DEC AS 7261,LARGE TRI SHAPE,LOOSE,SCATTERED,APPROX 50*S		
<b>H78-1</b>	<b>NGC 2985</b>	<b>UMa</b>	<b>Galaxy (R')SA(rs)ab</b>	<b>VB,CL,R,PSMBM,*INV F</b>
Apr 14 2004	31" 17mmT4	VB,PL,R,LARGE BNUC,MOD HISB,HISB MIDDLE,R=E		
Aug 22 1980	12.5" 24mm			
Dec 03 1980	12.5" 24mm	F* IN ARM REGION		
Mar 15 1985	12.5" 12mm	PB,MS,BNUC,F*E SIDE,R,VMBM		
<b>H78-2</b>	<b>NGC 3367</b>	<b>Leo</b>	<b>Galaxy SB(rs)c</b>	<b>PB,CL,IR,VGLBM,R,1-3</b>
Feb 25 1984	12.5" 12mm	VDIF,MF,PS,PATCH,UB,2F*S TO W,NND		
Jan 30 1981	12.5" 24mm	DIF,PF,VL,FAINT HALO,PAIR/3377		

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<b>H78-2</b>	<b>NGC 3367</b>	<b>Leo</b>	<b>Galaxy SB(rs)c</b>	<b>PB,CL,IR,VGLBM,R,1-3</b>
Jan 30 1981	12.5" 24mm	DIF,PF,VL,FAINT HALO,PAIR/3377		
<b>H78-4</b>	<b>NGC 4750</b>	<b>Dra</b>	<b>Galaxy (R)SA(rs)ab</b>	<b>PB,L,R,VG,VSBM</b>
Feb 23 2006	31" 17mmT4	PB,PL,R,SMALL BNUC,HISB,SUDDENLY MBM,DARK PATCHES,FARMS,F HALO AROUND NUC,R=E		
<b>H78-8</b>	<b>NGC 225</b>	<b>Cas</b>	<b>Open Cluster 9.3 III 1 p n</b>	<b>CL,L,LC,*9...10</b>
Aug 13 1982	12.5" 24mm	MB,PL,18-21 *S,SPREADS OUT WELL,*S APPROX SAME MAGNITUDE		
Sep 28 2013	36" 17mmT4	PB,EL,~15*S,LOOSLY SCATTERED,SIM MAG,DOESNOT STAND OUT WELL,R=PF		
<b>H79-1</b>	<b>NGC 3147</b>	<b>Dra</b>	<b>Galaxy SA(rs)bc</b>	<b>VB,L,R,VGVSVMBM</b>
Apr 23 2003	12.5" 9mmT6	VB,VL,OVAL,BNUC,MHISB,ARMS SUSP,BRT AREAS IN HALO,GMBM,R=E		
Oct 22 1982	12.5" 16mm	MB,ML,BNUC,INSIDE 4*S,R,SMBM,SMALL BRT NUC		
<b>H79-2</b>	<b>NGC 5669</b>	<b>Boo</b>	<b>Galaxy SAB(rs)cd</b>	<b>F,L,R,LBM,R</b>
May 06 1981	12.5" 24mm	DIF,MB,ML,DIM HALO		
<b>H79-4</b>	<b>NGC 3034</b>	<b>UMa M82</b>	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
Apr 14 2004	31" 17mmT4	EF,EL,HISB,BEST EVER TODATE,NUC AREA PATCHY,DARK AREAS,BROKEN PARTS,R=E		
Aug 22 1980	12.5" 24mm			
Dec 03 1980	12.5" 24mm			
Feb 04 2005	31" 17mmT4	EB,EL,EDGE ON,HISB,EDGE TO EDGE IN FOV,PATCHY,DUST,NUC BROKEN,BEST TO DATE,R=E		
Jan 29 2014	36" 17mmT4	M82,EB,EL,EDGE ON,HISB,PATCHES,NUC REG FRAGMENTED,DUST,DETAIL IN ARMS,SN IN ARM ~ 10.5MAG,R=EE		
Mar 02 1984	10" 20mm	VB,VL,EDGE ON,HISB,B* OFF ONE TIP,DARK PATCHES		
Mar 08 2013	36" 17mmT4	MESSIER MARATHON 2013		
Mar 15 1985	12.5" 12mm	SAME,IRR		
Mar 19 2004	12.5" 12mmT4	MESSIER MARATHON 2004		
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981		
Oct 22 1982	12.5" 12mm	VB,VL,EDGE ON,VERY HISB,2 DUST LANES DET,BRT REGIONS DET,TAPPERED,KNTY		
Oct 29 1980	8" 24mm			
Oct 31 1980	12.5" 24mm			
Sep 09 1980	12.5" 24mm			
Sep 10 1980	12.5" 24mm			
Sep 18 1980	12.5" 24mm			
<b>H79-8</b>	<b>NGC 129</b>	<b>Cas</b>	<b>Open Cluster 11.0 III 2 m</b>	<b>CL,VL,PR,LC,*9...13</b>
Aug 13 1982	12.5" 24mm	MB,BL,SCATTERED,BLENDS WITH FIELD *S		
Sep 28 2013	36" 17mmT4	VF,EL,~40*S,LOOSLY SCATTERED,LITTLE CLUSTERING,FILLS FOV,R=F		
<b>H80-1</b>	<b>NGC 3348</b>	<b>UMa</b>	<b>Galaxy E0</b>	<b>B,S,ILE,PSBM,*11F21S</b>
Mar 15 1985	12.5" 12mm	PB,MS,BNUC,DOUBLE NUC,F* NEXT TO STELL NUC,R,BM		
<b>H80-3</b>	<b>NGC 3731</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>VF,VS,R</b>
Mar 16 2010	31" 17mmT4	MF,MS,OVAL,SMALL BNUC,SOMEWHAT HISB MIDDLE,R=F		
<b>H80-8</b>	<b>NGC 1444</b>	<b>Per</b>	<b>Open Cluster 6.8 IV 1 p</b>	<b>CL OF AB30*12...14</b>
Oct 03 1981	12.5" 24mm	MF,VS,SURROUNDS B DOUBLE *,APPROX 10*S,SMALL		
Sep 03 1980	12.5" 24mm	POOR		
<b>H81-1</b>	<b>NGC 3344</b>	<b>LMi</b>	<b>Galaxy (R)SAB(r)bc</b>	<b>CB,L,GBM,*INV,2ST F</b>
Dec 03 1980	12.5" 24mm	BNUC,2F*S ON EDGE		
<b>H81-2</b>	<b>NGC 3370</b>	<b>Leo</b>	<b>Galaxy SA(s)c</b>	<b>CB,PL,VLE,GBM,R</b>
Feb 25 1984	12.5" 16mm	DIF,MF,MS,PATCHY,UB,NND		
Jan 30 1981	12.5" 24mm	DIF,PF,PS,FAINT HALO		
<b>H81-3</b>	<b>NGC 3773</b>	<b>Leo</b>	<b>Galaxy S0</b>	<b>CF,CS,R,PSBM</b>
Mar 03 1984	12.5" 12mm	VF,ES,STELL WITH FAINT GLOW,NOT SURE OF FIND		



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<b>H81-3</b>	<b>NGC 3773</b>	<b>Leo</b>	<b>Galaxy S0</b>	<b>CF,CS,R,PSBM</b>
Mar 03 1984	12.5" 12mm	VF,ES,STELL WITH FAINT GLOW,NOT SURE OF FIND		
<b>H81-8</b>	<b>NGC 6793</b>	<b>Vul</b>	<b>Open Cluster III 2 p</b>	<b>CL,P,LC</b>
Sep 04 2002	12.5" 24mm	PB,PL,LOOSELY SCATTERED,*S APPROX SAME MAG		
<b>H82-1</b>	<b>NGC 3900</b>	<b>Leo</b>	<b>Galaxy SA(r)0+</b>	<b>B,PL,VLE0,BMN</b>
Feb 12 1983	12.5" 16mm	MF,ML,DNUC,OVAL,BM,TRI OF *S AROUND GAL		
Jan 30 1981	12.5" 24mm	PF,PL,ELONG,FNUC,FAINT HALO		
Mar 03 1984	12.5" 12mm	MB,PL,ELONG,BNUC,SBM,BETWEEN 2B*S		
<b>H82-2</b>	<b>NGC 3455</b>	<b>Leo</b>	<b>Galaxy (R')SAB(rs)b</b>	<b>PF,S,E,GBM,R,SF OF 2</b>
Jan 29 2014	36" 17mmT4	PB,PL,OVAL,UB,NND,B* BETWEEN PAIR,PAIR=3454,R=FG		
Mar 03 1984	12.5" 12mm	EDIF,EF,MS,F* TO N 1 GAL DIA,PATCHY,NND,UB,OVAL		
<b>H83-1</b>	<b>NGC 4494</b>	<b>Com</b>	<b>Galaxy E1-2</b>	<b>VB,PL,R,VSMBMN</b>
Feb 12 1983	12.5" 16mm	VB,VL,BNUC,R,BM		
Mar 17 2018	36" 17mmT4	VB,VL,OVAL,S BRT NUC,HISB,F* OUTER EDGE,GRANULAR HISB OVAL ARMS AROUND NUC,MBM,R=E		
<b>H83-2</b>	<b>NGC 4152</b>	<b>Com</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,PL,R,PGMBM,R</b>
Feb 27 1982	12.5" 16mm	VDIF,VF,VS,PATCHY,OVAL,SBM		
<b>H83-3</b>	<b>NGC 4880</b>	<b>Vir</b>	<b>Galaxy SA(r)0+:</b>	<b>CF,PL,R,VGLBM,R</b>
Mar 22 2004	12.5" 12mmT4	MF,MS,OVAL,PATCH,LARGE VFNUC,SBM,R=F		
<b>H84-2</b>	<b>NGC 4328</b>	<b>Com</b>	<b>Galaxy SA0-:</b>	<b>F,S,R,R</b>
Mar 08 2010	31" 17mmT4	PF,PS,OVAL,UB,NND,R=F		
<b>H84-8</b>	<b>NGC 1348</b>	<b>Per</b>	<b>Open Cluster 8.5 III 2 m</b>	<b>CL,LRI,ST L</b>
Aug 10 2002	12.5" 25mm	PB,PL,* VARYING IN MAGNITUDE,GROUPED NICELY		
<b>H85-1</b>	<b>NGC 5012</b>	<b>Com</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,CL,E17,BIN,*9F</b>
Mar 22 2004	12.5" 12mmT4	MF,MS,ELONG,PATCH,UB,SHISB,R=F		
<b>H85-2</b>	<b>NGC 4340</b>	<b>Com</b>	<b>Galaxy SB(r)0+</b>	<b>PB,S,R,PSBM</b>
Feb 12 1983	12.5" 24mm	MB,PS,DNUC,SBM,OVAL,PAIR/4350		
<b>H85-3</b>	<b>NGC 5222</b>	<b>Vir</b>	<b>Galaxy E</b>	<b>CF,S,R,BM,2ND OF 3</b>
May 18 2007	31" 17mmT4	MB,MS,OVAL,LBNUC,CLOSE COMP=MAC,SOMEWHAT HISB,F* OFF ONE SIDE,R=G		
<b>H85-8</b>	<b>NGC 1545</b>	<b>Per</b>	<b>Open Cluster 9.0 IV 2 p</b>	<b>CL,PRI,LC,ST L</b>
Oct 03 1981	12.5" 24mm	MB,ML,TRI OF B*S IN CENTER,APPROX 20*S,SPREAD OUT THIN		
Sep 03 1980	12.5" 24mm			
<b>H86-1</b>	<b>NGC 3245</b>	<b>LMi</b>	<b>Galaxy SA(r)0^:?</b>	<b>VB,PL,E0, SMBMEN</b>
Dec 03 1980	12.5" 24mm			
Feb 25 1982	12.5" 16mm	MB,MS,BNUC,TAPPERED,NUC DET,HISB TOWARDS MIDDLE		
Jan 24 2004	31" 17mmT4	VB,VL,OVAL,LARGE BNUC,MOD HISB,GMBM,PAIR=3245A,R=E		
<b>H86-2</b>	<b>NGC 4350</b>	<b>Com</b>	<b>Galaxy SA0 sp</b>	<b>CB,VS,ME,VSBM</b>
Feb 12 1983	12.5" 24mm	MB,PS,BNUC,SBM,OVAL,CLOSE PAIR/4340		
Mar 27 1981	12.5" 24mm			
<b>H86-3</b>	<b>NGC 5221</b>	<b>Vir</b>	<b>Galaxy Sb:</b>	<b>VF,S,VLE,1ST OF 3</b>
May 18 2007	31" 17mmT4	MB,ML,EL,EDGE ON,SFNUC,THICK NUC REGION,R=G		
<b>H87-1</b>	<b>NGC 3486</b>	<b>LMi</b>	<b>Galaxy SAB(r)c</b>	<b>CB,CL,R,GMBM</b>
Dec 03 1980	12.5" 24mm			
Oct 22 1982	12.5" 24mm	MF,MS,VDIF,PATCH,SBM		
<b>H87-2</b>	<b>NGC 4379</b>	<b>Com</b>	<b>Galaxy S0- pec:</b>	<b>PS,R,PSBMN</b>
Mar 22 2004	12.5" 12mmT4	PF,MS,R,LARGE BNUC,SHISB,HISB MIDDLE,GMBM,R=G		
<b>H87-8</b>	<b>NGC 2425</b>	<b>Pup</b>	<b>Open Cluster 14.0 II 1 m</b>	<b>CL,P,S,ST VS</b>
Nov 24 2006	12.5" 12mmT4	MF,MS,APPROX 20*S,SIMILAR MAG,GOOD CLUSTERING,IRR IN SHAPE,R=G		

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<b>H87-8</b>	<b>NGC 2425</b>	<b>Pup</b>	<b>Open Cluster 14.0 II 1 m</b>	<b>CL,P,S,ST VS</b>
Nov 24 2006	12.5" 12mmT4	MF,MS,APPROX 20"S,SIMILAR MAG,GOOD CLUSTERING,IRR IN SHAPE,R=G		
<b>H88-1</b>	<b>NGC 3504</b>	<b>LMi</b>	<b>Galaxy (R)SAB(s)ab</b>	<b>B,L,E,MBMN,RR,P OF 2</b>
Dec 03 1980	12.5" 24mm			
Oct 22 1982	12.5" 16mm	MB,MS,DNUC,LOC IN BARREN AREA,OVAL,SMBM		
<b>H88-8</b>	<b>NGC 1342</b>	<b>Per</b>	<b>Open Cluster 8.0 III 2 m</b>	<b>CL,VL,AB60*</b>
Oct 03 1981	12.5" 24mm	VB,VL,APPROX 20"S,DISPURSED		
Sep 03 1980	12.5" 24mm	NOT SO GOOD,DOES NOT LIVE UP TO ASTRO CARD DESCRIPTION		
<b>H89-1</b>	<b>NGC 4251</b>	<b>Com</b>	<b>Galaxy SB0? sp</b>	<b>VB,S,E,VSVMBMN,*F90S</b>
Feb 27 1982	12.5" 16mm	ELONG,BNUC,GMBM		
<b>H90-1</b>	<b>NGC 4278</b>	<b>Com</b>	<b>Galaxy E1-2</b>	<b>VB,PL,R,MBM,R,1STOF3</b>
Feb 12 1983	12.5" 16mm	MB,ML,BNUC,R,VMBM,COMP TO E = 4283		
<b>H91-1</b>	<b>NGC 4448</b>	<b>Com</b>	<b>Galaxy SB(r)ab</b>	<b>B,L,E90,SBM</b>
Feb 12 1983	12.5" 16mm	MF,MS,FNUC,SLIGHTLY ELONG,MOD HISB,SBM		
<b>H92-1</b>	<b>NGC 4559</b>	<b>Com</b>	<b>Galaxy SAB(rs)cd</b>	<b>VB,VL,ME150,GBM,3*F</b>
Feb 12 1983	12.5" 24mm	VB,VL,3F"S IN S EDGE,SLIGHTLY ELONG,HISB,NND		
Mar 17 2018	36" 17mmT4	VB,VL,OVAL,PATCH,NND,BROKEN PATCHES,MHISB IN ARMS,3"S TRIANGLE OUTER EDGE,R=E		
<b>H93-1</b>	<b>NGC 4793</b>	<b>Com</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,PS,LE,*8NF1'</b>
May 17 2009	31" 17mmT4	PF,PL,ELONG,SMALL BNUC,HISB,COMP=MAC,AGC1656,R=E		
<b>H94-1</b>	<b>NGC 3813</b>	<b>UMa</b>	<b>Galaxy SA(rs)b:</b>	<b>CB,PL,PME90,BM</b>
Feb 12 1983	12.5" 16mm	MF,PS,ELONG,F*E TIP,UB,NND,VF*W TIP SUSP		
Mar 15 1985	12.5" 16mm	PF,PS,ELONG,EDGE ON,E-W,F*S AT BOTH TIPS,UB,NND,TAPERED ENDS		
<b>H94-3</b>	<b>NGC 4343</b>	<b>Vir</b>	<b>Galaxy SA(rs)b:</b>	<b>PF,S,E,(D)</b>
Apr 26 2003	12.5" 9mmT6	MB,ML,OVAL,SOMEWHAT HISB,LARGE BRT CENTRAL AREA,R=G		
<b>H95-1</b>	<b>NGC 4214</b>	<b>CVn</b>	<b>Galaxy IBm</b>	<b>CB,CL,IE,BIN</b>
Jan 26 1982	12.5" 16mm	PB,PL,ELONG,2F"S OFF TO NE,1*(14MAG)N 1 GAL DIA,VERY HISB ALONG EQ,OVAL		
Jul 05 1980	12.5" 24mm			
<b>H96-1</b>	<b>NGC 5005</b>	<b>CVn</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VME66,VSBMN</b>
Jan 28 1982	12.5" 16mm	MB,ML,BNUC,SLENDER SHAPE,DIF HALO		
<b>H96-2</b>	<b>NGC 5962</b>	<b>Ser</b>	<b>Galaxy SA(r)c</b>	<b>PF,PL,ILE,GBM</b>
May 31 1981	12.5" 16mm	DIF,PB,MS,FAINT HALO		
<b>H96-3</b>	<b>NGC 4342</b>	<b>Vir</b>	<b>Galaxy S0- sp</b>	<b>EF,VS,R</b>
Apr 25 1981	12.5" 24mm	DIF,EF,PS,FARM,PAIR/4365		
<b>H97-1</b>	<b>NGC 5033</b>	<b>CVn</b>	<b>Galaxy SA(s)c</b>	<b>VB,PL,E167,SMBMVBN</b>
Jan 28 1982	12.5" 16mm	PF,PS,BNUC,F* IN NW TIP,MUCH BM		
<b>H97-2</b>	<b>NGC 5996</b>	<b>Ser</b>	<b>Galaxy S?</b>	<b>PF,CS,R,R,BET 2D*</b>
Apr 06 2008	31" 17mmT4	MB,MS,OVAL,SMALL BNUC,BAR LIKE NUC,PAIR=5994,R=G		
Apr 26 2006	31" 17mmT4	MF,MS,OVAL,SMALL FNUC,SMALL COMPACT NUC,BAR DET,F ARMS FROM END OF BAR,R=G		
<b>H97-3</b>	<b>NGC 4366</b>	<b>Vir</b>	<b>Galaxy E</b>	<b>EF</b>
Mar 08 2010	31" 17mmT4	MF,MS,ELONG,UB,NND,PAIR=4370,R=F		
<b>H98-1</b>	<b>NGC 5273</b>	<b>CVn</b>	<b>Galaxy SA(s)0^</b>	<b>CB,PL,R,G,PSMBM</b>
Jan 28 1982	12.5" 16mm	DIF,MF,MS,R,SMALL DIM NUC,DIF HALO,PAIR/5276		
<b>H98-2</b>	<b>NGC 3041</b>	<b>Leo</b>	<b>Galaxy SAB(rs)c</b>	<b>GCL,F,L,R,VGLBM,RR</b>
Feb 25 1984	12.5" 12mm	VDIF,MF,PS,ELONG,UB,NND,F*N EDGE,ANOTHER F*N SIDE SUSP		
Jan 30 1981	12.5" 24mm	DIF,PF,PL,FNUC AND HALO,12 MAG * IN GAL		
<b>H99-1</b>	<b>NGC 5557</b>	<b>Boo</b>	<b>Galaxy E1</b>	<b>CB,S,R,VSBM*</b>

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<b>H99-1</b>	<b>NGC 5557</b>	<b>Boo</b>	<b>Galaxy E1</b>	<b>CB,S,R,VSBM*</b>
Mar 29 2006	31"	17mmT4	VB,PL,R,LARGE BNUC,HISB,GMBM,VF* IN GAL OUTSIDE NUC,SN? 15 MAG,R=E	
May 06 1981	12.5"	24mm	MB,ML,BNUC WITH DIM HALO	
<b>H99-2</b>	<b>NGC 3377</b>	<b>Leo</b>	<b>Galaxy E5-6</b>	<b>VB,CL,LE,SVMBMBN</b>
Feb 25 1984	12.5"	12mm	MB,PS,PATCHY,UB IN MIDDLE,R	
Jan 30 1981	12.5"	24mm	PB,PL,BNUC,PAIR/3367	
<b>H100-1</b>	<b>NGC 584</b>	<b>Cet</b>	<b>Galaxy E4</b>	<b>VB,PL,R,MBM,P OF 2</b>
Sep 07 1980	12.5"	24mm	PAIR/596,GREAT!!	
Sep 10 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	MB,PS,BNUC,VMBM,R	
<b>H100-2</b>	<b>NGC 3485</b>	<b>Leo</b>	<b>Galaxy SB(r)b:</b>	<b>F,L,R,GLBM,R</b>
Feb 25 1984	12.5"	12mm	VDIF,VF,MS,ELONG,F* E EDGE,NND,PATCHY	
Jan 30 1981	12.5"	24mm	DIF,EF,PS,EXTREMELY FAINT HALO,PAIR/3489	
<b>H101-1</b>	<b>NGC 779</b>	<b>Cet</b>	<b>Galaxy SAB(r)b</b>	<b>CB,L,ME162,MBM</b>
Sep 07 1980	12.5"	24mm	ELONG	
Sep 18 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	MB,ML,VERY EDGE ON,FNUC,CENTRAL BULGE,DUST PATCHES,KNTY STR SUSP,GBM	
<b>H101-2</b>	<b>NGC 3489</b>	<b>Leo</b>	<b>Galaxy SAB(rs)0+</b>	<b>VB,PL,LE80,SMBMN</b>
Feb 25 1984	12.5"	12mm	MB,PS,BNUC,F* OFF ON EDGE,BM	
Jan 30 1981	12.5"	24mm	VB,PL,BNUC,PAIR/3485	
<b>H101-3</b>	<b>NGC 5239</b>	<b>Boo</b>	<b>Galaxy SB(rs)bc</b>	<b>VF,PL,R,ER</b>
May 14 2010	31"	17mmT4	PF,MS,OVAL,NND,PATCHY,PATCHY AREAS,ARMS DET,R=F	
<b>H102-1</b>	<b>NGC 1022</b>	<b>Cet</b>	<b>Galaxy (R')SB(s)a</b>	<b>CB,PL,R,MBM,*11NF 2'</b>
Sep 07 1980	12.5"	24mm	FAIR AND FAINT	
Sep 27 1981	12.5"	16mm	MB,ML,NUC SUSP,FARMS,F*W 1 GAL DIA,BAR SUSP,FAINT CIRCULAR ARMS SUSP,SNS	
<b>H102-2</b>	<b>NGC 3596</b>	<b>Leo</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,L,R,GLBM</b>
Jan 30 1981	12.5"	24mm	DIF,PF,PL,DIM OUTER HALO,PAIR/3593	
Mar 03 1984	12.5"	12mm	DIF,MB,PL,FNUC,SMALL FAINT NUC,R,TRI OF **S AROUND OBJECT,SBM	
<b>H102-3</b>	<b>NGC 3833</b>	<b>Vir</b>	<b>Galaxy Sc</b>	<b>EF,PS</b>
May 18 2007	31"	17mmT4	MF,PL,PATCH,UB,NND,VF* OFF ONE EDGE,R=F	
<b>H103-1</b>	<b>NGC 6934</b>	<b>Del</b>	<b>Globular</b>	<b>GCL,B,L,R,RRR,*16...</b>
Aug 20 2003	31"	25mm	VB,VL,RESOLVED TO CORE,HUNDRED'S OF **S,MANY **S DETECTED IN CORE,R=E	
Jul 08 1983	12.5"	12mm	MB,MS,BNUC,B* TO W,RESOLVED OUTER **S,GBM	
Jul 11 1980	12.5"	24mm		
Jul 30 1981	12.5"	16mm	DNUC,GMBM,SOFT HALO OF **S RESOLVED,R	
Jul 31 2002	12.5"	12mm	SAME	
Jun 17 1980	12.5"	24mm		
Jun 18 1980	12.5"	24mm		
Jun 20 1980	12.5"	24mm		
<b>H103-2</b>	<b>NGC 3800</b>	<b>Leo</b>	<b>Galaxy SAB(rs)b: pec</b>	<b>F,PS,E,PGLBM,R,FOF 2</b>
Mar 29 2006	31"	17mmT4	VB,VL,ELONG,PATCH,UB,NND,HISB,COMP=3799,IRR IN SHAPE,R=E	
<b>H104-1</b>	<b>NGC 7606</b>	<b>Aqr</b>	<b>Galaxy SA(s)b</b>	<b>PF,CL,PME0</b>
Jul 10 1981	12.5"	16mm	BRT PART N SIDE,HALO VIS,RESEMBLES M104,MB,ML,EDGE ON,FAINT ARMS	
Sep 09 1980	12.5"	32mm	BRIGHT,LARGE	
<b>H104-2</b>	<b>NGC 3872</b>	<b>Leo</b>	<b>Galaxy E5</b>	<b>B,S,R,SMBM*</b>
Mar 03 1984	12.5"	12mm	MF,PS,BNUC,R,BM,NO **S	
<b>H105-1</b>	<b>NGC 720</b>	<b>Cet</b>	<b>Galaxy E5</b>	<b>CB,PL,LE,PSMBM</b>
Oct 29 1980	8"	24mm		

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<b>H105-1</b>	<b>NGC 720</b>	<b>Cet</b>	<b>Galaxy E5</b>	<b>CB,PL,LE,PSMBM</b>
Oct 29 1980	8"	24mm		
Sep 07 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	MB,MS,BNUC,GBM	
<b>H105-2</b>	<b>NGC 4168</b>	<b>Vir</b>	<b>Galaxy E2</b>	<b>PB,PL,IF,PSBM,R,*INV</b>
Apr 26 2003	12.5"	9mmT6	VB,PL,R,BNUC,VERY HISB,LARGE NUC AREA,R=E	
<b>H106-1</b>	<b>NGC 1309</b>	<b>Eri</b>	<b>Galaxy SA(s)bc:</b>	<b>CB,CL,IR,GBM,*8SP4'</b>
Oct 24 1981	12.5"	12mm	MB,ML,HISB,SBM,CLOSE TO B*	
Oct 31 1980	12.5"	24mm	PAIR/1297	
Sep 09 1980	12.5"	24mm		
<b>H106-2</b>	<b>NGC 4189</b>	<b>Com</b>	<b>Galaxy SAB(rs)cd?</b>	<b>F,L,LE,VGLBM,R</b>
Apr 25 1981	12.5"	24mm	PB,PS,DNUC,2F*S TO W	
<b>H107-1</b>	<b>NGC 1407</b>	<b>Eri</b>	<b>Galaxy E0</b>	<b>VB,L,R,SVMBMN</b>
Oct 24 1981	12.5"	12mm	MB,ML,B NUC,R,PAIR/1400	
Oct 31 1980	12.5"	24mm	PAIR/1400	
Sep 09 1980	12.5"	24mm		
<b>H108-2</b>	<b>NGC 4212</b>	<b>Com</b>	<b>Galaxy SAc:</b>	<b>B,L,E107,G,SBM,R</b>
Feb 27 1982	12.5"	16mm	DIF,MF,PL,B*S,PATCH-OVAL,NND,UB	
<b>H109-2</b>	<b>NGC 4222</b>	<b>Com</b>	<b>Galaxy Sd: sp</b>	<b>VF,PS,R</b>
Mar 08 2010	31"	17mmT4	MF,ML,EDGE ON,UB,NND,TAPPED ENDS,R=FG	
<b>H109-3</b>	<b>NGC 3790</b>	<b>Leo</b>	<b>Galaxy S0/a</b>	<b>CF,VS,PME,SBM,1STOF3</b>
Mar 06 2010	31"	17mmT4	MF,PS,ELONG,SBNUC,PAIRS=3801/3802/PGC36189,R=F	
Mar 17 2010	31"	17mmT4	MF,MS,ELONG,SMALL BNUC,SHISB,PAIRS=3801/3801/PGC36189,R=F	
May 14 2010	31"	17mmT4	MF,PS,OVAL,SMALL BNUC,BM,PAIR=PGC36189,R=F	
<b>H110-1</b>	<b>NGC 7723</b>	<b>Aqr</b>	<b>Galaxy SB(r)b</b>	<b>CB,CL,E,GMBM,R</b>
Jul 10 1981	12.5"	16mm	DIF,MBM,FNUC,MB,ML,FAINT ARMS	
Sep 09 1980	12.5"	24mm		
<b>H111-1</b>	<b>NGC 7727</b>	<b>Aqr</b>	<b>Galaxy SAB(s)a pec</b>	<b>PB,PL,IR,MBM</b>
Jul 10 1981	12.5"	16mm	MB,ML,VMBM,DIF HALO AROUND GAL	
Oct 07 2010	31"	17mmT4	PB,PL,OVAL,LARGE BNUC,GRANULAR NUC,HISB MIDDLE,GBM,R=G	
Sep 09 1980	12.5"	24mm	BNUC,SPIRAL ARM STR DET	
<b>H111-2</b>	<b>NGC 4298</b>	<b>Com</b>	<b>Galaxy SA(rs)c</b>	<b>F,L,E,VGBM,P OF 2</b>
Apr 26 2003	12.5"	9mmT6	VB,VL,R,UB,NND,MOD HISB,BRT * ON EDGE,PAIR=4302,R=E	
<b>H112-1</b>	<b>NGC 772</b>	<b>Ari</b>	<b>Galaxy SA(s)b</b>	<b>B,CL,R,GBM,R</b>
Oct 23 1982	12.5"	16mm	SAME	
Oct 29 1980	8"	24mm		
Oct 31 1980	12.5"	24mm		
Sep 07 1980	12.5"	24mm	NICE!!,VL,PF,SIMILAR TO M33	
Sep 10 1980	12.5"	24mm		
Sep 24 1981	12.5"	16mm	PB,PL,SMBM,ELONG,* E SIDE,FAINT 15TH MAG COMP W/770 1 GAL DIA,BNUC,FARMS	
<b>H112-2</b>	<b>NGC 4302</b>	<b>Com</b>	<b>Galaxy Sc</b>	<b>L,VME177,F OF 2</b>
Apr 26 2003	12.5"	9mmT6	PB,PL,EDGE ON,PATCH,UB,NND,SOMEWHAT HISB,PAIR=4298,R=E	
<b>H113-1</b>	<b>NGC 2832</b>	<b>Lyn</b>	<b>Galaxy E+2:</b>	<b>F,VS,R,3RD OF 3</b>
Dec 07 2005	31"	17mmT4	VB,PL,R,LARGE BNUC,HISB,VERY CLOSE COMP,PAIRS=2831/2830,EXCELLENT PAIRS,R=E	
Dec 26 2003	31"	17mmT4	VB,VL,R,LARGE BNUC,MOD HISB,INTERACTING=2831,FACE ON,ARMS DET,PATCHY AREAS,R=G	
Mar 17 2009	31"	17mmT4	PB,PL,R,LARGE BNUC,MHISB,HISB MIDDLE,SMBM,INTER=2831,TOUCHING=2830,AGC,R=E	

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<b>H113-1</b>	<b>NGC 2832</b>	<b>Lyn</b>	<b>Galaxy E+2:</b>	<b>F,VS,R,3RD OF 3</b>
Mar 17 2009	31"	17mmT4	PB,PL,R,LARGE BNUC,MHISB,HISB MIDDLE,SMBM,INTER=2831,TOUCHING=2830,AGC,R=E	
<b>H113-2</b>	<b>NGC 4419</b>	<b>Com</b>	<b>Galaxy SB(s)a sp</b>	<b>B,PME135,SBM</b>
Feb 12 1983	12.5"	16mm	MB,PS,EDGE ON,FNUC,SBM,TAPPERED	
Mar 27 1981	12.5"	24mm		
<b>H114-1</b>	<b>NGC 2964</b>	<b>Leo</b>	<b>Galaxy SAB(r)bc:</b>	<b>B,VL,LE,VGBM,SP OF 3</b>
Dec 03 1980	12.5"	24mm		
Feb 25 1984	12.5"	12mm	DIF,MF,MS,PATCHY,OVAL,SBM,NO *S,PAIR/2968	
Jan 29 2014	36"	17mmT4	VB,VL,OVAL,BNUC,HISB,DUST,ARMS DET,PATCHY AREAS,R=E	
Jan 30 1981	12.5"	24mm	DIF,VF,VS,FAINT NUC AND HALO	
<b>H114-2</b>	<b>NGC 4473</b>	<b>Com</b>	<b>Galaxy E5</b>	<b>PB</b>
Feb 12 1983	12.5"	16mm	MF,PS,DNUC,R,BM,PAIR/4477	
Jun 10 1980	6"	24mm		
Mar 16 2010	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,HISB MIDDLE,GRANULAR HALO,GMBM,R=E	
Mar 27 1981	12.5"	24mm		
May 01 1981	12.5"	24mm	PB,PL,BNUC,FARM,PAIR/4461	
<b>H115-1</b>	<b>NGC 3021</b>	<b>LMi</b>	<b>Galaxy SA(rs)bc:</b>	<b>PB,PS,VLE,MBM,*10SP</b>
Dec 03 1980	12.5"	24mm		
Dec 20 2003	31"	17mmT4	PB,ML,ELONG,LARGE BNUC,SHISB,F* ON EDGE,HISB MIDDLE,R=F	
Feb 25 1982	12.5"	16mm	MF,PS,B* OFF E SIDE,HISB,STELL NUC SUSP,R,PAIR/3003	
<b>H115-2</b>	<b>NGC 4477</b>	<b>Com</b>	<b>Galaxy SB(s)0?:</b>	<b>PB,CL</b>
Feb 12 1983	12.5"	16mm	MF,PS,BNUC,R,BM,CLOSE COMP 4479,PAIR/4473	
Jun 10 1980	6"	24mm		
Mar 16 2010	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,GRAD MBM,HISB MIDDLE,PAIR=4479,R=E	
Mar 27 1981	12.5"	24mm		
<b>H116-1</b>	<b>NGC 3395</b>	<b>LMi</b>	<b>Galaxy SAB(rs)cd pec:</b>	<b>CB,PS,ILE,1ST OF 2</b>
Dec 03 1980	12.5"	24mm	PAIR/3396	
Feb 15 2004	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,HISB,GMBM,INTERACTING 3396,R=E	
Jan 08 2003	12.5"	9mmT6	MB,PL,BNUC,OVAL,SMALL BRT NUC,HISB,COMP=3396	
Oct 22 1982	12.5"	24mm	DIF,VF,MS,ELONG,2 PARTS OR INTERACTING GAL,N PART STELL NUC OR *	
<b>H116-2</b>	<b>NGC 4479</b>	<b>Com</b>	<b>Galaxy SB(s)0^?:</b>	<b>PB,PL</b>
Feb 12 1983	12.5"	16mm	VDIF,VF,MS,ELONG,UB,NND,CLOSE COMP 4477	
Mar 16 2010	31"	17mmT4	MB,MS,OVAL,LARGE FNUC,PAIR=4477,R=F	
<b>H116-3</b>	<b>NGC 5885</b>	<b>Lib</b>	<b>Galaxy SAB(r)c</b>	<b>F,CL,R,VGBM</b>
May 02 1981	12.5"	16mm	DIF,PF,EL,FAINT HALO,10TH MAG * IN GAL	
<b>H117-1</b>	<b>NGC 3396</b>	<b>LMi</b>	<b>Galaxy IBm pec</b>	<b>PB,PS,ILE,2ND OF 2</b>
Dec 03 1980	12.5"	24mm	PAIR/3395	
Feb 15 2004	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,HISB,GMBM,INTERACTING 3395,R=E	
Jan 08 2003	12.5"	9mmT6	MB,PL,OVAL,HISB,NND,UB,COMP=3395	
<b>H117-3</b>	<b>NGC 5076</b>	<b>Vir</b>	<b>Galaxy SB(rs)0+</b>	<b>VF,CS,R,1ST OF 3</b>
Apr 26 2006	31"	17mmT4	MF,MS,R,BNUC,MOD HISB MIDDLE,PAIRS=5079/5077/MAC,R=G	
<b>H118-1</b>	<b>NGC 3430</b>	<b>LMi</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,L,IE,GBM,2ND OF 3</b>
Jan 08 2003	12.5"	9mmT6	PB,PL,OVAL,HISB,UB,NND,PAIR/3424/3413	
<b>H118-3</b>	<b>NGC 5079</b>	<b>Vir</b>	<b>Galaxy SB(rs)bc pec:</b>	<b>CF,PS,VLE,3RD OF 3</b>
Apr 26 2006	31"	17mmT4	DIF,PF,PL,OVAL,PATCH,UB,NND,PAIRS=5077/5076/MAC,R=G	
<b>H120-1</b>	<b>NGC 3887</b>	<b>Crt</b>	<b>Galaxy SB(r)bc</b>	<b>PB,L,IR,VGPMBM</b>
Apr 26 2006	31"	17mmT4	MB,VL,OVAL.LARGE FNUC,PATCHY AREAS,DARK AREAS,MINATURE M33,R=E	
<b>H120-2</b>	<b>NGC 4548</b>	<b>Com M91</b>	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>

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<b>H120-2</b>	<b>NGC 4548</b>	<b>Com M91</b>	<b>Galaxy SB(rs)b</b>	<b>B,L,LE,LBM</b>
Apr 11 2015	36"	17mmT4	PB,PL,S SOFT GRAD BM,FT HALO,BRTER PATCH-BAR DET,R=G	
Feb 12 1983	12.5"	24mm	MB,PL,BNUC,R,LARGE NUC,DIF HALO	
Jun 10 1980	6"	24mm		
Mar 02 1984	10"	20mm	SAME	
Mar 17 2018	36"	17mmT4	VB,EL,ELONG,BNUC,MHISB,L SOFT NUC,BGM,FT HALO AROUND NUC,ARMS NOT DET,R=GE	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
May 09 2010	31"	17mmT4	EB,EL,SBNUC,BRT BAR ACROSS NUC,SUDDENLY MBM,HISB MIDDLE,FT HALO ARMS,VF OUTTER LOOP ONE SIDE,R=E	
<b>H120-3</b>	<b>NGC 5605</b>	<b>Lib</b>	<b>Galaxy (R')SAB(rs)c p:</b>	<b>VF,PL,R,VGBM</b>
May 02 1981	12.5"	16mm	DIF,VF,PL,DIM HALO	
<b>H121-1</b>	<b>NGC 4030</b>	<b>Vir</b>	<b>Galaxy SA(s)bc</b>	<b>CB,L,VLE,PSMBM,BSTNR</b>
Apr 25 1981	12.5"	24mm	VB,VL,BNUC,BRT HALO	
<b>H121-3</b>	<b>NGC 5595</b>	<b>Lib</b>	<b>Galaxy SAB(rs)c</b>	<b>F,PL,R,VGBM,P OF 2</b>
May 02 1981	12.5"	16mm	DIF,PF,PL,ELONG,FNUC,PAIR/5597	
<b>H122-1</b>	<b>NGC 1637</b>	<b>Eri</b>	<b>Galaxy SAB(rs)c</b>	<b>CB,L,R,VGBM</b>
Oct 30 1981	12.5"	12mm	MB,PL,F*NE EDGE,SPR STR SUSP,STELL NUC,R,FACE ON	
Oct 31 1980	12.5"	24mm	LARGE,FAINT	
<b>H122-2</b>	<b>NGC 4461</b>	<b>Vir</b>	<b>Galaxy SB(s)0+:</b>	<b>PF,S,R,BM,F OF 2</b>
Mar 27 1981	12.5"	24mm		
May 01 1981	12.5"	24mm	DIF,PF,PS,FNUC,FARM,PAIR/4473	
<b>H122-3</b>	<b>NGC 5597</b>	<b>Lib</b>	<b>Galaxy SAB(s)cd</b>	<b>VF,L,VLE,VGLBM,F OF 2</b>
May 02 1981	12.5"	16mm	DIF,VF,PS,FAINT HALO,PAIR/5595	
<b>H123-1</b>	<b>NGC 4378</b>	<b>Vir</b>	<b>Galaxy (R)SA(s)a</b>	<b>B,S,*8,9SF3'</b>
Apr 25 1981	12.5"	24mm	PF,PS,FNUC	
<b>H123-2</b>	<b>NGC 4476</b>	<b>Vir</b>	<b>Galaxy SA(r)0-:</b>	<b>F,S,R,BM,1ST OF 3</b>
May 01 1981	12.5"	24mm	DIF,EF,PS,FARM,PAIR/M87/4478	
<b>H123-3</b>	<b>NGC 6267</b>	<b>Her</b>	<b>Galaxy SB(r)bc</b>	<b>VF,PL,R,LBM</b>
Mar 27 1982	12.5"	16mm	DIF,VF,MS,B*NW EDGE,MOD HISB,NND,OVAL	
<b>H124-1</b>	<b>NGC 4580</b>	<b>Vir</b>	<b>Galaxy SAB(rs)a pec</b>	<b>PB,L,VGBM</b>
Jun 04 1981	12.5"	24mm	DIF,PF,VL,DIM HALO	
<b>H124-2</b>	<b>NGC 4478</b>	<b>Vir</b>	<b>Galaxy E2</b>	<b>PB,S,R,PSBM,2ND OF 3</b>
May 01 1981	12.5"	24mm	PF,PS,ELONG,FNUC,FARM,PAIR/4476/M87	
<b>H125-1</b>	<b>NGC 4586</b>	<b>Vir</b>	<b>Galaxy SA(s)a: sp</b>	<b>PB,L,E,PSBM</b>
Jun 04 1981	12.5"	24mm	DIF,PF,PL,ELONG,FAINT HALO	
<b>H125-2</b>	<b>NGC 4639</b>	<b>Vir</b>	<b>Galaxy SAB(rs)bc</b>	<b>PB,S,E,R,*12SF1'</b>
Mar 27 1982	12.5"	12mm	DIF,MB,PS,CLOSE TO 4654,R,SBM,F*N EDGE	
<b>H126-1</b>	<b>NGC 5746</b>	<b>Vir</b>	<b>Galaxy SAB(rs)b? sp</b>	<b>B,L,VME170,BMBN</b>
Jun 11 1983	12.5"	20mm	MB,PL,EDGE ON,DUST LANE SUSP,BRT NUC BULGE,TAPPERED ENDS,MINATURE 4565	
<b>H126-2</b>	<b>NGC 4654</b>	<b>Vir</b>	<b>Galaxy SAB(rs)cd</b>	<b>F,VL,PME,(D),3*NR</b>
Mar 27 1982	12.5"	12mm	DIF,MB,PL,2F*S TO N,B* TO W,STELL NUC,OVAL,UB,MOD HISB	
<b>H126-3</b>	<b>NGC 5642</b>	<b>Boo</b>	<b>Galaxy E</b>	<b>CF,S,*INV,*12NF</b>
Mar 26 2006	31"	17mmT4	PB,MS,OVAL,LARGE BNUC,HISB,* IN EDGE,PAIR=PGC51748,R=G	
<b>H127-1</b>	<b>NGC 5813</b>	<b>Vir</b>	<b>Galaxy E1-2</b>	<b>B,PS,R,PSMBM</b>
Mar 19 2004	12.5"	12mmT4	PF,MS,OVAL,SMALL FNUC,SBM,PAIR=5814,R=F	
<b>H128-1</b>	<b>NGC 5846</b>	<b>Vir</b>	<b>Galaxy E0-1</b>	<b>VB,PL,R,PSBMN,F*INVS</b>
Jun 11 1983	12.5"	20mm	MB,PL,FNUC,F*W 1 GAL DIA,COMP TO E,R,SBM,SEVERAL FIELD *S	

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<b>H128-1</b>	<b>NGC 5846</b>	<b>Vir</b>	<b>Galaxy E0-1</b>	<b>VB,PL,R,PSBMN,F*INVS</b>
Jun 11 1983	12.5"	20mm	MB,PL,FNUC,F*W 1 GAL DIA,COMP TO E,R,SBM,SEVERAL FIELD *S	
Mar 16 2010	31"	17mmT4	VB,VL,LARGE BNUC,GRAD BM,GRANULAR HALO,F* OFF SIDE,VERY CLOSE COMP=5846A,R=G	
Mar 19 2004	12.5"	12mmT4	MB,ML,ELONG,NND,SHISB,R=G	
Mar 19 2004	12.5"	12mmT4	MB,ML,OVAL,LARGE BNUC,SHISB,CLOSE COMP=5846A,R=G	
<b>H128-2</b>	<b>NGC 4689</b>	<b>Com</b>	<b>Galaxy SA(rs)bc</b>	<b>PB,VL,E,VGLBM,R</b>
Mar 27 1982	12.5"	12mm	EDIF,MF,PL,R,2F*S N,NND,UB,SOME STR SUSP	
<b>H129-1</b>	<b>NGC 4699</b>	<b>Vir</b>	<b>Galaxy SAB(rs)b</b>	<b>VB,R,VMBMRN,R</b>
Mar 27 1982	12.5"	12mm	MB,MS,BNUC,R,SBM,F*S SEVERAL GAL DIA	
<b>H129-2</b>	<b>NGC 5020</b>	<b>Vir</b>	<b>Galaxy SAB(rs)bc</b>	<b>CF,CL,VLE,LBM</b>
Mar 22 2004	12.5"	12mmT4	VF,ML,OVAL,R,VERY FAINT SMALL NUC OR * NUC,R=F	
<b>H130-1</b>	<b>NGC 4958</b>	<b>Vir</b>	<b>Galaxy SB(r)0? sp</b>	<b>VB,PS,E,BMBN</b>
Feb 12 1983	12.5"	16mm	MF,PS,BNUC,F* OFF TO W,TAPPERED,SBM	
<b>H130-2</b>	<b>NGC 5936</b>	<b>Ser</b>	<b>Galaxy SB(rs)b</b>	<b>F,PL,IR,VGBM,R</b>
May 31 1981	12.5"	16mm	DIF,MF,MS,DIM HALO	
<b>H131-1</b>	<b>NGC 3672</b>	<b>Crt</b>	<b>Galaxy SA(s)c</b>	<b>PB,L,E0,GBM</b>
Apr 26 2006	31"	17mmT4	MB,PL,OVAL,PATCH,UB,SOMEWHAT PATCHY IN MIDDLE,MOD HISB,ONESIDE TAPPERED,R=E	
<b>H132-1</b>	<b>NGC 2855</b>	<b>Hya</b>	<b>Galaxy (R)SA(rs)0/a</b>	<b>PB,PL,R,GMBMN</b>
Mar 29 2006	31"	17mmT4	VB,VL,R,LARGE BNUC,FAINT HALO,SOMEWHAT HISB MIDDLE,R=G	
<b>H133-1</b>	<b>NGC 4742</b>	<b>Vir</b>	<b>Galaxy E4:</b>	<b>PB,VS,VBMN=*11,*10SF</b>
Mar 22 2004	12.5"	12mmT4	MF,PS,R,SMALL BNUC,SHISB,HISB MIDDLE,GMBM,R=G	
<b>H134-1</b>	<b>NGC 4781</b>	<b>Vir</b>	<b>Galaxy SB(rs)d</b>	<b>CB,VL,ME</b>
Feb 12 1983	12.5"	24mm	DIF,MF,ML,3 OR 4 F*S GOING OFF TO THE W,NND,UB,OVAL	
<b>H134-2</b>	<b>NGC 4197</b>	<b>Vir</b>	<b>Galaxy Sd</b>	<b>PF,PME,VGBM</b>
Apr 19 2014	36"	17mmT4	MF,ML,EDGE ON,NND,TAPPERED/SHARP ENDS,SOMEWHAT HISB,R=FG	
<b>H134-3</b>	<b>NGC 5523</b>	<b>Boo</b>	<b>Galaxy SA(s)cd:</b>	<b>F,PL,PME90,*10NP</b>
May 06 1981	12.5"	24mm	DIF,VF,ML,EDGE ON,FAINT HALO	
<b>H135-1</b>	<b>NGC 4782</b>	<b>Crv</b>	<b>Galaxy E0 pec</b>	<b>PF,PS,R,MBM,P OFDNEB</b>
Apr 06 2008	31"	17mmT4	VB,VL,R,PATCH,LG BNUC,HISB,FAINT NEB AROUNG NUC,GMBM,COMP=4783,VF* BETWEEN,R=E	
May 03 1981	12.5"	16mm	DIF,PF,VS,FAINT HALO,PAIR/4783	
<b>H136-1</b>	<b>NGC 4783</b>	<b>Crv</b>	<b>Galaxy E0 pec</b>	<b>PF,PS,R,MBM,F OFDNEB</b>
Apr 06 2008	31"	17mmT4	VB,VL,R,PATCH,LG BNUC,HISB,FAINT NEB AROUNG NUC,GMBM,COMP=4783,VF* BETWEEN,R=E	
May 03 1981	12.5"	16mm	DIF,PF,PS,FAINT HALO,12MAG * NEAR OR IN GAL,PAIR/4782	
<b>H136-2</b>	<b>NGC 4224</b>	<b>Vir</b>	<b>Galaxy SA(s)a: sp</b>	<b>PB,PS,LE,GBM,R</b>
Apr 25 1981	12.5"	24mm	DIF,PF,PS,FNUC,F HALO,PAIR/4233/4235	
<b>H137-1</b>	<b>NGC 2859</b>	<b>LMi</b>	<b>Galaxy (R)SB(r)0+</b>	<b>VB,PL,R,SMBM</b>
Dec 03 1980	12.5"	24mm		
Feb 25 1984	12.5"	16mm	MB,ML,BNUC,DIM HALO,STELL BRT NUC,R,GMBM,F*NE SEVERAL GAL DIA	
<b>H138-1</b>	<b>NGC 5061</b>	<b>Hya</b>	<b>Galaxy E0</b>	<b>VB,S,R,VSMBM,*1OF</b>
Apr 26 2006	31"	17mmT4	VB,ML,R,LARGE BNUC,HISB,GMBM,BM,PAIR=MAC,R=E	
<b>H138-2</b>	<b>NGC 4260</b>	<b>Vir</b>	<b>Galaxy SB(s)a</b>	<b>PB,E,PSBM</b>
Apr 25 1981	12.5"	24mm	DIF,PF,PS,FNUC,DIM HALO,PAIR/4261	
Mar 08 2010	31"	17mmT4	MB,ML,ELONG,LARGE FNUC,SOMEWHAT HISB MIDDLE,R=G	
<b>H138-3</b>	<b>NGC 5898</b>	<b>Lib</b>	<b>Galaxy E0</b>	<b>F,S,R,GBM</b>
May 02 1981	12.5"	16mm	PF,PS,FNUC,PAIR/5903	

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<b>H138-3</b>	<b>NGC 5898</b>	<b>Lib</b>	<b>Galaxy E0</b>	<b>F,S,R,GBM</b>
May 02 1981	12.5" 16mm	PF,PS,FNUC,PAIR/5903		
<b>H139-1</b>	<b>NGC 4303</b>	<b>Vir M61</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VSBM*,BIN</b>
Apr 11 2015	36" 17mmT4	PB,VL,FACE ON,SM VB NUC HISB WELL DEFINED,BRT BAR WITH ARMS AT ENDS,* OFF ONE ARM,BRT PATCHES IN ARMS,OUTSTANDING,R=E		
Apr 25 1981	12.5" 24mm	DIF,VB,VL,DNUC,FARM		
Feb 12 1983	12.5" 24mm	PB,VL,STELL NUC,ARMS DET,FACE ON,KNTS DET		
Jun 10 1980	6" 24mm			
Mar 08 2010	31" 17mmT4	PB,PL,SMALL BNUC,MOD HISB MIDDLE,FACE ON,F* IN OUTER ARM,SPIRAL STR DET,DUST,PATCHY AREAS IN ARMS,FAINT BAR DET,R=EE		
Mar 19 2004	12.5" 12mmT4	MESSIER MARATHON 2004		
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981		
<b>H139-2</b>	<b>NGC 4261</b>	<b>Vir</b>	<b>Galaxy E2-3</b>	<b>PB,PS,R,GBM</b>
Apr 25 1981	12.5" 24mm	DIF,PF,PS,FNUC,DIM HALO,PAIR/4260		
Apr 26 2003	12.5" 9mmT6	VB,PL,R,BNUC,HISB MIDDLE,VMBM,LARGE BRT NUC,PAIR/4264/4257,R=E		
Mar 08 2010	31" 17mmT4	PB,ML,OVAL,LARGE BNUC,GRANULAR HALO,HISB MIDDLE,PAIRS=NGC/PGC'S,R=G		
<b>H139-3</b>	<b>NGC 5903</b>	<b>Lib</b>	<b>Galaxy E2</b>	<b>CF,S,R,GPMBM</b>
May 02 1981	12.5" 16mm	PF,PS,FNUC,PAIR/5898		
<b>H140-2</b>	<b>NGC 4264</b>	<b>Vir</b>	<b>Galaxy SB(rs)0+</b>	<b>F,PS,R,GBM</b>
Apr 26 2003	12.5" 9mmT6	MF,MS,OVAL,PATCH,UB,NND,PAIR/4261/4257,R=F		
Mar 08 2010	31" 17mmT4	MB,ML,R,LARGE FNUC,PAIRS=NGC/PGC'S,R=G		
<b>H140-3</b>	<b>NGC 6064</b>	<b>Her</b>	<b>Galaxy Sc</b>	<b>VF,VS,PB*SF,(=6052)</b>
Apr 26 2006	31" 17mmT4	MB,MS,NND,MHISB,INTERACTING=MAC,FUNNY SHAPE,PATCHY,OVAL WITH LOBS,R=G		
Feb 27 1982	12.5" 16mm	EDIF,MF,ES,FNUC,SBM,EF*E EDGE		
<b>H141-3</b>	<b>NGC 6907</b>	<b>Cap</b>	<b>Galaxy SBbc</b>	<b>CF,CL,VLE,VGLBM,3STP</b>
Jul 08 1983	12.5" 16mm	EDIF,PF,MS,F* TO E 1 GAL DIA,UB,NND,OVAL		
Jul 10 1981	12.5" 16mm	DIF,ELONG,S BAR BRT THAN ANY PART OF GAL		
<b>H142-1</b>	<b>NGC 4664</b>	<b>Vir</b>	<b>Galaxy SB(s)0/a</b>	<b>PB,2S*IN M,(=4665)</b>
Mar 27 1982	12.5" 12mm	MB,MS,BNUC,F* TOWARDS S TIP,B* TO W,VMBM,OVAL		
<b>H142-3</b>	<b>NGC 6926</b>	<b>Aql</b>	<b>Galaxy SB(s)bc pec</b>	<b>VF,PL,E176,P OF 2</b>
Jun 25 2003	12.5" 9mmT6	MF,VL,ELONG,UB,NND,PAIR=6929,R=G		
<b>H143-1</b>	<b>NGC 4900</b>	<b>Vir</b>	<b>Galaxy SB(rs)c</b>	<b>CB,CE,*10ATT POS135</b>
Feb 12 1983	12.5" 16mm	MB,ML,F* IN E EDGE,MOD HISB,UB,OVAL		
<b>H143-2</b>	<b>NGC 4339</b>	<b>Vir</b>	<b>Galaxy E0</b>	<b>B,PL,R,BM,3RD OF 3</b>
Apr 25 1981	12.5" 24mm	DIF,PF,PS,FNUC		
<b>H143-3</b>	<b>NGC 6717</b>	<b>Sgr</b>	<b>Globular</b>	<b>F,S,RR,CL+NEB</b>
Sep 04 2002	12.5" 9mmT6	PB,ML,B* CLOSE BY,VF* IN EDGE OF GAL,HISB,2 HALVES OR PARTS DETECTED		
<b>H144-1</b>	<b>NGC 5566</b>	<b>Vir</b>	<b>Galaxy SB(r)ab</b>	<b>B,PL,R,PSBM,R,*F1.5'</b>
Apr 26 2003	12.5" 9mmT6	VB,PL,R,BNUC,VERY HISB,ARMS DET,LARGE NUC,VMBM,PAIR/5560/5569,R=E		
Jun 11 1983	12.5" 20mm	MB,PL,ELONG,BNUC,B*SW 1 GAL DIS.LARGE BRT NUC,HISB TOWARDS MID,PAIR/5576		
<b>H144-2</b>	<b>NGC 4370</b>	<b>Vir</b>	<b>Galaxy Sa sp</b>	<b>PF,PS,LE,BM</b>
Mar 08 2010	31" 17mmT4	MB,ML,OVAL,R,UB,NND,SHISB,PAIR=4366,R=F		
<b>H144-3</b>	<b>NGC 6857</b>	<b>Cyg</b>	<b>Nebula III</b>	<b>F,AM MILKY WAY ST</b>
Jul 24 1981	12.5" 12mm	DIF,3 OR 4 F*S IN NEB,PATCHY		
<b>H145-3</b>	<b>NGC 7052</b>	<b>Vul</b>	<b>Galaxy E</b>	<b>F,S,VLE,R</b>
Jun 27 2003	12.5" 9mmT6	BP,PL,ELONG,FNUC,SHISB,F*S EDGE OF GAL,CENTRAL REGION BRTER,R=G		
Sep 14 2012	36" 17mmT4	MB,ML,OVAL,LARGE BNUC,VF* IN EDGE,HISB MIDDLE,OVAL HALO AROUND NUC,R=G		
<b>H146-1</b>	<b>NGC 5576</b>	<b>Vir</b>	<b>Galaxy E3</b>	<b>B,S,R,VSMBM,F OF 2</b>



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<b>H146-1</b>	<b>NGC 5576</b>	<b>Vir</b>	<b>Galaxy E3</b>	<b>B,S,R,VSMBM,F OF 2</b>
Jun 11 1983	12.5" 20mm	PB,ML,BNUC,CLOSE COMP TO W 1 GAL DIA,F*N 1 GAL DIA,R-OVAL,SMBM,PAIR/5566		
<b>H146-3</b>	<b>NGC 7720</b>	<b>Peg</b>	<b>Galaxy E+ pec:</b>	<b>F,S,LE,BM,AM ST</b>
Sep 25 2003	31" 17mmT4	PB,ML,ELONG,LARGE BNUC,SHISB,2 MAC COMP,ABELL 2634,R=G		
<b>H147-1</b>	<b>NGC 6304</b>	<b>Oph</b>	<b>Globular</b>	<b>GCL,B,CL,R,LBM,RRR</b>
Jun 04 1981	12.5" 24mm	DIF,MF,PS		
Jun 18 1980	12.5" 24mm			
<b>H147-2</b>	<b>NGC 4532</b>	<b>Vir</b>	<b>Galaxy IBm</b>	<b>PB,PL,PME,VGBM,R</b>
May 03 1981	12.5" 24mm	PB,PL,ELONG,DARM		
<b>H147-3</b>	<b>NGC 23</b>	<b>Peg</b>	<b>Galaxy SB(s)a</b>	<b>3S*+NEB</b>
Jul 07 1981	12.5" 24mm	DIF,EF,MS,FARMS		
Sep 10 1980	12.5" 24mm			
Sep 12 2002	12.5" 9mmT6	PB,PL,VERY BM,LARGE NUC,F* IN GAL, HISB,PAIR/26		
Sep 21 1984	12.5" 12mm	DIF,VF,MS,ELONG,VF* IN SOUTH ARM,SBM		
<b>H148-1</b>	<b>NGC 5921</b>	<b>Ser</b>	<b>Galaxy SB(r)bc</b>	<b>CB,CL,IR,VSMB*12,AM*</b>
May 31 1981	12.5" 16mm	DIF,MB,ML,ELONG,DNUC,DIM HALO,13* IN GAL		
<b>H148-2</b>	<b>NGC 4612</b>	<b>Vir</b>	<b>Galaxy (R)SAB0^</b>	<b>PB,S,R,PSMBM</b>
Jun 04 1981	12.5" 16mm	PF,PS,BNUC,FAINT HALO,BY 12 MAG *,PAIR/4623		
Jun 04 1981	12.5" 24mm	PB,PL,BNUC,BRT HALO,PAIR/4660		
Mar 27 1982	12.5" 12mm	MB,ML,BNUC,F* TO N,VMBM,BRT HALO,OVAL		
<b>H148-3</b>	<b>NGC 108</b>	<b>And</b>	<b>Galaxy (R)SB(r)0+</b>	<b>PF,PL,R,PSLBM</b>
Sep 12 2002	12.5" 9mmT6	PB,PL,OVAL-ROUND,GMBM,FARMS		
<b>H149-1</b>	<b>NGC 6342</b>	<b>Oph</b>	<b>Globular</b>	<b>CB,PS,LE,ER</b>
Jul 21 1984	12.5" 12mm	VF,VS,VF* ON S EDGE,PATCH-UB,NO I'S RESOLVED		
Jun 04 1981	12.5" 24mm	DIF,PF,PS		
Jun 10 1980	6" 24mm	VF,HARD TO SEE		
Jun 18 1980	12.5" 24mm	VS,LOOKS LIKE NEB		
<b>H149-2</b>	<b>NGC 4623</b>	<b>Vir</b>	<b>Galaxy SB0+ sp</b>	<b>CF,PL,E,PSLBM,R</b>
Jun 04 1981	12.5" 24mm	DIF,EF,ES,FAINT HALO,PAIR/4612		
<b>H149-3</b>	<b>NGC 233</b>	<b>And</b>	<b>Galaxy E?</b>	<b>F,VS,R,LBM</b>
Oct 05 2002	12.5" 9mmT6	PB,ML,BNUC,R,MOD HISB		
<b>H150-1</b>	<b>NGC 6440</b>	<b>Sgr</b>	<b>Globular</b>	<b>PB,PL,R,BM</b>
Aug 13 1982	12.5" 16mm	MF,VS,F*N,R,SBM,VF*W,PAIR/6445		
Sep 20 1984	12.5" 12mm	DIF,MF,PS,BETWEEN A LINE OF *S,6440 TO N 1/2 DEGREE,R,BM		
<b>H150-3</b>	<b>NGC 604</b>	<b>Tri</b>	<b>Knot in Galaxy</b>	<b>B,VS,R,VVLBM</b>
Aug 10 2002	12.5" 25mm	VP,PL,BRT NEBULA IN M33,CLOSE TO F*		
Aug 10 2002	12.5" 9mmT6	EB,VL,HISB,PATCH,UB		
<b>H151-1</b>	<b>NGC 524</b>	<b>Psc</b>	<b>Galaxy SA(rs)0+</b>	<b>VB,PL,MBM,4S*NR</b>
Oct 31 1980	12.5" 24mm			
Sep 07 1980	12.5" 24mm			
Sep 24 1981	12.5" 16mm	MB,PS,BNUC,F(13TH)*NW EDGE,F*N&S (4*S IN ALL),HISB IN NUC,VR,DIM DIF HALO		
<b>H151-2</b>	<b>NGC 6106</b>	<b>Her</b>	<b>Galaxy SA(s)c</b>	<b>F,PL,LE,VGBM,R</b>
Feb 27 1982	12.5" 16mm	EDIF,VF,MS,NND,PATCHY-OVAL,SOMEWHAT HISB		
<b>H151-3</b>	<b>NGC 807</b>	<b>Tri</b>	<b>Galaxy E</b>	<b>VF,VS,IR,BET2*N\$SP</b>
Oct 25 2006	31" 17mmT4	PB,MS,R,LARGE BNUC,MOD HISB MIDDLE,GMBM,R=G		
<b>H152-1</b>	<b>NGC 821</b>	<b>Ari</b>	<b>Galaxy E6?</b>	<b>PB,VS,VLE,SVMBM,*NP</b>
Oct 22 1982	12.5" 24mm	SAME		
Sep 10 1980	12.5" 24mm			

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<b>H152-1</b>	<b>NGC 821</b>	<b>Ari</b>	<b>Galaxy E6?</b>	<b>PB,VS,VLE,SVMBM,*NP</b>
Sep 10 1980	12.5"	24mm		
Sep 24 1981	12.5"	24mm	F*S 3 GAL DIA,11 MAG * N BORDER,HISB,MBM,MF,PS	
<b>H152-3</b>	<b>NGC 1012</b>	<b>Ari</b>	<b>Galaxy S0/a?</b>	<b>F,PS,IR,BM,ST INV</b>
Oct 23 1982	12.5"	16mm	DIF,MF,MS,OVAL,F* IN S PART,12MM: ELONG N TO S,NND,UB,MOD HISB	
<b>H153-1</b>	<b>NGC 908</b>	<b>Cet</b>	<b>Galaxy SA(s)c</b>	<b>CB,VL,E</b>
Sep 09 1980	12.5"	16mm	SIZE EASILY DET	
Sep 27 1981	12.5"	16mm	DIF,HISB,PB,PL,EF* COMES AND GOES W ARM,NND,OVAL,BETTER IN 24MM,KNTS & DUST SUSP	
<b>H153-2</b>	<b>NGC 3822</b>	<b>Vir</b>	<b>Galaxy S0?</b>	<b>PF,PS,3RD OF 4</b>
May 18 2007	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,HISB,R=E	
<b>H154-1</b>	<b>NGC 949</b>	<b>Tri</b>	<b>Galaxy SA(rs)b:?</b>	<b>CB,L,E,VGBM</b>
Aug 25 1982	12.5"	16mm	F*W,FAINTER*S 1 GAL DIA THAT COMES AND GOES	
Sep 18 1980	12.5"	24mm		
Sep 23 1981	12.5"	16mm	DIF,MF,PS,ELONG,F* OFF TO W 1 GAL DIA	
<b>H154-2</b>	<b>NGC 3825</b>	<b>Vir</b>	<b>Galaxy SBa</b>	<b>PF,PS,4TH OF 4</b>
May 18 2007	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,VMBM,HISB,R=E	
<b>H155-1</b>	<b>NGC 1453</b>	<b>Eri</b>	<b>Galaxy E2-3</b>	<b>PB,S,R,*17M</b>
Oct 30 1981	12.5"	12mm	MB,MS,BNUC,SMBM,OVAL,STELL NUC	
<b>H155-2</b>	<b>NGC 4417</b>	<b>Vir</b>	<b>Galaxy SB0: sp</b>	<b>F,PL,E,LBP</b>
Apr 25 1981	12.5"	24mm	DIF,PF,PL,EDGE ON,FNUC,FARM,PAIR/4424	
<b>H156-1</b>	<b>NGC 1023</b>	<b>Per</b>	<b>Galaxy SB(rs)0-</b>	<b>VB,VL,VME,VVMBM</b>
Aug 17 1982	12.5"	16mm	EDGE ON,MF,ML,LINE OF 3 *S OFF TO E,VMBM,DIF ARMS	
Aug 19 1980	12.5"	24mm		
Aug 22 1980	12.5"	24mm		
Feb 04 2005	31"	17mmT4	VF,EL,ELONG,LARGE BNUC,FARMS,GMBM,SEVERAL *S IN GAL,COMP=1023A,R=E	
Jul 11 1980	12.5"	24mm		
Jul 24 1980	12.5"	24mm	BNUC,GREAT!!!	
Jun 20 1980	12.5"	24mm	GOOD LOOKING GAL	
Oct 03 1981	12.5"	12mm	MB,ML,ELONG,F* OR PART OF GAL W SIDE,LOOKS LIKE SB GAL,VMBM,BRT NUC DET	
Sep 03 1980	12.5"	24mm		
Sep 07 1980	12.5"	24mm		
<b>H156-2</b>	<b>NGC 4442</b>	<b>Vir</b>	<b>Galaxy SB(s)0^</b>	<b>VB,PL,R,SMBM</b>
May 01 1981	12.5"	24mm	PB,PS,BNUC,FARM	
<b>H156-3</b>	<b>NGC 495</b>	<b>Psc</b>	<b>Galaxy (R')SB(s)0/a p:</b>	<b>VF,S,1ST OF3</b>
Sep 04 2002	12.5"	9mmT6	DIF,PF,PS,R,PATCH,AVERTED VISION,LOCATION GOOD,OTHERS PRESENT	
<b>H157-1</b>	<b>NGC 672</b>	<b>Tri</b>	<b>Galaxy SB(s)cd</b>	<b>F,PL,ME80</b>
Aug 22 1980	12.5"	24mm		
Aug 25 1982	12.5"	16mm	SAME	
Dec 04 2004	31"	17mmT4	PB,EL,EDGE ON,SHISB,VF* OFF NUC,BRT BAR TRHOUGHOUT,DUST & PATCH AREAS DET,R=E	
Jul 24 1980	12.5"	32mm	EL,GREAT!!	
Sep 07 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 18 1980	12.5"	24mm		
Sep 23 1981	12.5"	16mm	DIF,MB,MS,DARM,2*S OPPOSITE SIDE,UB,NND,PAIR/670	
<b>H157-2</b>	<b>NGC 4469</b>	<b>Vir</b>	<b>Galaxy SB(s)0/a? sp</b>	<b>PF,PL,ME,BM,R</b>
May 01 1981	12.5"	24mm	DIF,PF,PL,ELONG,FNUC,DARM,F* 15 MAG	

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<b>H157-2</b>	<b>NGC 4469</b>	<b>Vir</b>	<b>Galaxy SB(s)0/a? sp</b>	<b>PF,PL,ME,BM,R</b>
May 01 1981	12.5" 24mm	DIF,PF,PL,ELONG,FNUC,DARM,F* 15 MAG		
<b>H157-3</b>	<b>NGC 496</b>	<b>Psc</b>	<b>Galaxy Sbc</b>	<b>VF,VS,2ND OF 3</b>
Sep 04 2002	12.5" 9mmT6	EDIF,EF,PL,OVAL PATCH,NND,UB,OTHERS PRESENT		
<b>H158-1</b>	<b>NGC 1600</b>	<b>Eri</b>	<b>Galaxy E3</b>	<b>PB,PL,R,GMBM</b>
Oct 30 1981	12.5" 12mm	MB,ML,BNUC,FAINT COMP NE 1 GAL DIA,R,GMBM,PAIR/1601		
Oct 31 1980	12.5" 24mm	DIF,UB,RESEMBLES CRAB NEBULA		
Sep 09 1980	12.5" 12mm	RESEMBLES * IN SMALL TRI		
<b>H158-2</b>	<b>NGC 4519</b>	<b>Vir</b>	<b>Galaxy SB(rs)d</b>	<b>F,PL,R,BM,R</b>
May 03 1981	12.5" 24mm	DIF,PF,PL,FARM		
<b>H158-3</b>	<b>NGC 499</b>	<b>Psc</b>	<b>Galaxy S0-</b>	<b>PB,PL,R,3RD OF 3</b>
Sep 04 2002	12.5" 9mmT6	PB,ML,OVAL,GBM,MOD HISB,OTHER GALAXIES PRESENT		
<b>H159-1</b>	<b>NGC 278</b>	<b>Cas</b>	<b>Galaxy SAB(rs)b</b>	<b>CB,PL,R,2*10NR</b>
Aug 19 1980	12.5" 24mm			
Aug 22 1980	12.5" 24mm			
Jul 15 1980	12.5" 24mm	GREAT!!!		
Jul 17 1980	12.5" 24mm			
Jul 24 1980	12.5" 24mm			
Jul 31 1981	12.5" 12mm	GMBM,DIF HALO SEEN,SOMEWHAT OVAL,HISB		
Jun 18 1980	12.5" 24mm			
Sep 18 1980	12.5" 20mm	GREAT		
Sep 28 2013	36" 17mmT4	VB,VL,R,SMALL BNUC,SMBM,MOD HISB,SOME GRANULAR AROUND NUC,NICE FOV,R=GE		
<b>H159-2</b>	<b>NGC 3681</b>	<b>Leo</b>	<b>Galaxy SAB(r)bc</b>	<b>B,PS,R,BM</b>
Jan 30 1981	12.5" 24mm	DIF,PF,PS,DIM HALO,SEVERAL COMP		
Mar 03 1984	12.5" 12mm	DIF,MF,MS,FNUC,OVAL,SBM,FIRST IN A LINE OF OTHERS		
<b>H159-3</b>	<b>NGC 507</b>	<b>Psc</b>	<b>Galaxy SA(r)0^</b>	<b>VF,PL,R,BM,S OF 2</b>
Sep 04 2002	12.5" 9mmT6	MB,ML,R,OVAL,GBM,COMP=508		
Sep 12 2012	36" 17mmT4	PB,PL,R,LARGE BNUC,LARGE HALO,HISB MIDDLE,PAIRS=OTHERS,NICE FOV,R=G		
<b>H160-1</b>	<b>NGC 4546</b>	<b>Vir</b>	<b>Galaxy SB(s)0-</b>	<b>VB,CL,PME78,VSMBMN</b>
Feb 12 1983	12.5" 16mm	MB,PS,BNUC,F*E SEVERAL GAL DIA,TAPPED ENDS		
<b>H160-2</b>	<b>NGC 3686</b>	<b>Leo</b>	<b>Galaxy SB(s)bc</b>	<b>PB,L,VLE,VGBM,R</b>
Jan 30 1981	12.5" 24mm	DIF,PF,PL,DIM HALO,SEVERAL COMP		
Mar 03 1984	12.5" 12mm	DIF,MF,ML,F* IN S ARM,BRT * TO N,UB,OVAL,NND,VF*SW SIDE,SEVERAL COMP		
<b>H160-3</b>	<b>NGC 508</b>	<b>Psc</b>	<b>Galaxy E0:</b>	<b>VF,S,N OF 2</b>
Sep 04 2002	12.5" 9mmT6	VDIF,PF,MS,PATCH,UB,COMP=507		
Sep 12 2012	36" 17mmT4	MB,ML,OVAL,SMALL BNUC,HISB MIDDLE,PAIRS=OTHERS,NICE FOV,R=G		
<b>H161-1</b>	<b>NGC 4459</b>	<b>Com</b>	<b>Galaxy SA(r)0+</b>	<b>PB,PL,IR,BM,R,*8SF2'</b>
Feb 12 1983	12.5" 16mm	MB,PS,BNUC,SMBM,STELL NUC,CLOSE TO B*		
Jun 10 1980	6" 24mm			
Mar 27 1981	12.5" 24mm			
May 09 2010	31" 17mmT4	EB,VL,R,LBNUC,GRANULAR HALO,SUDDENLY MBM,HISB,R=E		
<b>H161-2</b>	<b>NGC 3801</b>	<b>Leo</b>	<b>Galaxy S0?</b>	<b>PF,PL,R,BM,R,2ND OF3</b>
Mar 06 2010	31" 17mmT4	MB,ML,OVAL,LARGE FNUC,MOD HISB MIDDLE,PAIRS=3802/3790/PGC36189,R=G		
Mar 17 2010	31" 17mmT4	MB,ML,OVAL,LARGE FNUC,CLOSE COMP=3802,PAIRS=3790/PGC36189,R=G		
May 14 2010	31" 17mmT4	M,PL,OVAL,LARGE FNUC,MOD HISB MIDDLE,PAIRS=3802/3803,R=G		
<b>H161-3</b>	<b>NGC 987</b>	<b>Tri</b>	<b>Galaxy SB0/a</b>	<b>F,S,VLE,BM,R,2*14 NP</b>
Dec 19 2006	31" 17mmT4	VB,ML,OVAL,R,LARGE BNUC,F* OFF SIDE,R=G		
<b>H162-1</b>	<b>NGC 4866</b>	<b>Vir</b>	<b>Galaxy SA(r)0+: sp</b>	<b>B,PL,ME90,SBMN,S*INV</b>

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<b>H162-1</b>	<b>NGC 4866</b>	<b>Vir</b>	<b>Galaxy SA(r)0+ : sp</b>	<b>B,PL,ME90,SBMN,S*INV</b>
Feb 12 1983	12.5" 16mm	DIF,MF,PS,EDGE ON,FNUC,F* IN W TIP,SMALL STELL NUC,SLIGHTLY TAPPED		
<b>H162-2</b>	<b>NGC 3968</b>	<b>Leo</b>	<b>Galaxy SAB(rs)bc</b>	<b>PB,L,IR,BM,*10 3'NP</b>
Mar 17 2010	31" 17mmT4	MF,ML,OVAL,SMALL FNUC,SOFT NUC,PATCHY ARMS,SPR STR,PAIRS=PGC37426/3973,R=G		
<b>H162-3</b>	<b>NGC 1060</b>	<b>Tri</b>	<b>Galaxy S0-:</b>	<b>F,PL,R,LBM,*F46S,3'S</b>
Aug 10 2002	12.5" 9mmT6	MF,ML,PATCHY,OVAL,VF* ON EDGE OF GAL,SBM,COMP,1 OF 3		
<b>H163-1</b>	<b>NGC 3115</b>	<b>Sex</b>	<b>Galaxy S0- sp</b>	<b>VB,L,VME46,VGSMBMEN</b>
Mar 27 1982	12.5" 16mm	MB,ML,EDGE ON,BNUC,F HALO,F*S BORDER,F* FARTHER SW,CENTRAL BULGE		
<b>H163-3</b>	<b>NGC 1066</b>	<b>Tri</b>	<b>Galaxy E:</b>	<b>VF,PL,R,LBM,S OF 2</b>
Aug 10 2002	12.5" 9mmT6	PF,ML,BNUC,R,GBM,CLOSE COMP,1 OF 3		
<b>H164-1</b>	<b>NGC 3294</b>	<b>LMi</b>	<b>Galaxy SA(s)c</b>	<b>CB,L,ME135,GLBM</b>
Dec 03 1980	12.5" 24mm			
Feb 15 2004	31" 17mmT4	VB,EL,OVAL,PATCH,UB,NND,PATCHY AREAS DET,KNOTS AND DUST DET,R=E		
Jan 24 2004	31" 17mmT4	VB,VL,ELONG,EDGE ON,PATCH,UB,NND,R=G		
Oct 22 1982	12.5" 16mm	DIF,MF,ML,ELONG,UB,SLIGHTLY ELONG,NND		
<b>H165-1</b>	<b>NGC 4151</b>	<b>CVn</b>	<b>Galaxy (R')SAB(rs)ab:</b>	<b>VB,S,R,VSMBMBN,P OF2</b>
Feb 25 2004	31" 17mmT4	VB,VL,OVAL,SMALL VERY BNUC,2*S IN ARMS,HISB MIDDLE,GMBM,LARGE AREA OF ARMS,R=E		
Jan 26 1982	12.5" 16mm	DIF,MB,PS,BNUC,*NW SIDE,VMBM,R HALO AROUND NUC		
<b>H165-2</b>	<b>NGC 4206</b>	<b>Vir</b>	<b>Galaxy SA(s)bc:</b>	<b>F,VME</b>
Mar 08 2010	31" 17mmT4	MF,PL,EDGE ON,UB,NND,SOME CENTRAL BULGING,PAIR=IC771,R=G		
<b>H166-1</b>	<b>NGC 4369</b>	<b>CVn</b>	<b>Galaxy (R)SA(rs)a</b>	<b>CB,S,R,MBMN,R</b>
Jan 26 1982	12.5" 16mm	DIF,MF,PS,DNUC,*S SEVERAL GAL DIA,R,MBM,NUC DET,DIF HALO AROUND NUC		
<b>H166-2</b>	<b>NGC 4267</b>	<b>Vir</b>	<b>Galaxy SB(s)0-?</b>	<b>PB,VS,R,VSMBM</b>
Apr 25 1981	12.5" 24mm	PF,PS,FNUC,DIM HALO		
<b>H166-3</b>	<b>NGC 7335</b>	<b>Peg</b>	<b>Galaxy SA(rs)0+</b>	<b>VF,VS</b>
Jul 29 1981	12.5" 24mm	DIF,VF,VS,SOMEWHAT ELONG,UB THROUGHOUT GAL,PAIR/7331 AND OTHERS		
Sep 01 2002	12.5" 12mm	VDIF,VF,PS,PATCH-OVAL,UB,CLOSE TO 7331		
Sep 17 2003	31" 25mm	MB,ML,UB,NND,7331 CLUSTER,R=F		
Sep 18 1982	12.5" 16mm	VDIF,VF,VS,OVAL,PATCH,NND		
<b>H167-1</b>	<b>NGC 2782</b>	<b>Lyn</b>	<b>Galaxy SAB(rs)a pec</b>	<b>CB,R,MBMBN</b>
Oct 16 1982	12.5" 24mm	DIF,MF,MS,DNUC,2F*S OFF TO S,SBM,STELL NUC,16MM-SAME		
<b>H167-2</b>	<b>NGC 4387</b>	<b>Vir</b>	<b>Galaxy E</b>	<b>PF,VS,R,*13NP90,NP-2</b>
Mar 08 2010	31" 17mmT4	PB,MS,OVAL,LARGE BNUC,HISB MIDDLE,R=G		
<b>H168-1</b>	<b>NGC 3184</b>	<b>UMa</b>	<b>Galaxy SBc</b>	<b>PB,VL,R,VGBM</b>
Mar 15 1985	12.5" 16mm	SAME		
Oct 22 1982	12.5" 16mm	DIF,MF,ML,R,PATCHY,B* IN N PART,UB,KNTY STR SUSP,NND		
<b>H168-2</b>	<b>NGC 4388</b>	<b>Vir</b>	<b>Galaxy SA(s)b: sp</b>	<b>VF,E,SF OF2</b>
Apr 11 2015	36" 17mmT4	VB,VL,EL-EDGE ON,LFNUC,GBRTER MIDDLE,SOFT NUC,DUST,BROKEN PARTS IN ARMS,R=E		
Apr 25 1981	12.5" 24mm	DIF,PB,EL,EDGE ON,FNUC,DARM,PAIR/M86		
Mar 27 1981	12.5" 24mm			
<b>H169-1</b>	<b>NGC 4145</b>	<b>CVn</b>	<b>Galaxy SAB(rs)d</b>	<b>B,VL,VGLBM</b>
Jan 26 1982	12.5" 24mm	VDIF,NND,PATCHY,UB,SOME *S IN GAL SUSP		
<b>H169-3</b>	<b>NGC 513</b>	<b>And</b>	<b>Galaxy S?</b>	<b>F,S,STELLAR</b>
Aug 10 2002	12.5" 9mmT6	PF,PS,EDGE ON,BNUC,MOD HISB,BM,B* CLOSE BY		
<b>H170-1</b>	<b>NGC 5290</b>	<b>CVn</b>	<b>Galaxy Sbc: sp</b>	<b>CB,PL,E90,BMN</b>
Jan 28 1982	12.5" 16mm	DIF,MF,MS,ELONG,2B*S TO N,MOD HISB,CENTRAL BULGE DET,NND,PAIR/5289		

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<b>H170-1</b>	<b>NGC 5290</b>	<b>CVn</b>	<b>Galaxy Sbc: sp</b>	<b>CB,PL,E90,BMN</b>
Jan 28 1982	12.5" 16mm	DIF,MF,MS,ELONG,2B*S TO N,MOD HISB,CENTRAL BULGE DET,NND,PAIR/5289		
<b>H170-2</b>	<b>NGC 4425</b>	<b>Vir</b>	<b>Galaxy SB0+: sp</b>	<b>PF,S,R,BM</b>
Apr 25 1981	12.5" 24mm	DIF,PF,PS,EDGE ON,FNUC,FARM		
<b>H170-3</b>	<b>NGC 523</b>	<b>And</b>	<b>Galaxy Pec</b>	<b>DNEB,VF,VS,DIST30"</b>
Aug 10 2002	12.5" 9mmT6	DIF,MF,PL,ELONG,SBM,MOD HISB		
<b>H171-1</b>	<b>NGC 5739</b>	<b>Boo</b>	<b>Galaxy SAB(r)0+:</b>	<b>PB,S,R,SMBM,R,*NR</b>
May 06 1981	12.5" 24mm	DIF,MF,MS,DNUC,FAINT HALO		
<b>H171-3</b>	<b>NGC 536</b>	<b>And</b>	<b>Galaxy SB(r)b</b>	<b>PB,PL,GBM,F OF 2</b>
Dec 20 2003	31" 17mmT4	PF,ML,EDGE ON,SMALL FNUC,MHISB,B* IN GAL,PAIR=531,542,R=G		
<b>H172-1</b>	<b>NGC 3432</b>	<b>LMi</b>	<b>Galaxy SB(s)m sp</b>	<b>PB,PL,VME40,**NR SP</b>
Apr 09 2008	31" 17mmT4	VB,VL,EDGE ON,UB,NND,HISB,2F*S A TIP,2F*S BOTH SIDES,SLIGHTLY BOWED,OTHERS,R=E		
Dec 03 1980	12.5" 24mm			
Oct 22 1982	12.5" 12mm	SAME,2*S AT S TIP		
Oct 22 1982	12.5" 16mm	DIF,MF,MS,ELONG,UB,2*S AT BOTH ENDS		
<b>H173-1</b>	<b>NGC 3941</b>	<b>UMa</b>	<b>Galaxy SB(s)0^</b>	<b>VB,PL,R,SMBM*9</b>
Feb 12 1983	12.5" 16mm	PB,MS,ELONG,VERY BRIGHT NUC,LOOKS LIKE AN E6 GAL		
Mar 15 1985	12.5" 12mm	PB,ML,BNUC,R,BM,HISB		
<b>H174-1</b>	<b>NGC 4062</b>	<b>UMa</b>	<b>Galaxy SA(s)c</b>	<b>PB,VL,ME97,VGBM</b>
Apr 26 2003	12.5" 9mmT6	VB,VL,ELONG TO OVAL,UB,VERY HISB,VF* OFF NUC,R=E		
<b>H174-3</b>	<b>NGC 614</b>	<b>Tri</b>	<b>Galaxy S0?</b>	<b>PF,PSBM,STELLAR</b>
Dec 04 2004	31" 17mmT4	PB,MS,SMALL BNUC,BM,PAIR=608,R=G		
<b>H175-1</b>	<b>NGC 4203</b>	<b>Com</b>	<b>Galaxy SAB0-:</b>	<b>VB,S,R,PSMBM</b>
Feb 27 1982	12.5" 16mm	MB,PS,BNUC,R,GBM		
<b>H175-3</b>	<b>NGC 679</b>	<b>And</b>	<b>Galaxy S0-:</b>	<b>F,STELLAR</b>
Oct 31 1980	12.5" 24mm			
<b>H176-1</b>	<b>NGC 4656</b>	<b>CVn</b>	<b>Galaxy SB(s)m pec</b>	<b>PB,L,VME34,SP OF 2</b>
Jan 28 1982	12.5" 16mm	MF,PL,EDGE ON,*S AROUND N TIP,S ARM SLIGHTLY BULKIER AND BIGGER,MOD HISB		
<b>H176-3</b>	<b>NGC 735</b>	<b>Tri</b>	<b>Galaxy Sb</b>	<b>EEF,STELLAR</b>
Dec 04 2004	31" 17mmT4	PB,MS,OVAL,PATCH,UB,* ON EDGE,SOMEWHAT HISB,PAIR=PGC7293,R=G		
<b>H177-2</b>	<b>NGC 5600</b>	<b>Boo</b>	<b>Galaxy Sc pec</b>	<b>PB,PS,GBM</b>
May 06 1981	12.5" 24mm	DIF,MB,PS,NND,BRT HALO		
<b>H177-3</b>	<b>NGC 925</b>	<b>Tri</b>	<b>Galaxy SAB(s)d</b>	<b>CF,CL,E,VGBM,2*13NP</b>
Aug 22 1980	12.5" 24mm			
Aug 25 1982	12.5" 16mm	SAME,2F*S N, 1F* IN SOUTHERN PART		
Jul 24 1980	12.5" 24mm	EDIF,EF		
Sep 10 1980	12.5" 24mm	B*S IN GAL		
Sep 18 1980	12.5" 24mm			
Sep 23 1981	12.5" 16mm	BAR SEEN,2F*S N&S,DIF,MF,PL,KNTY STR SUSP,R,SLIGHTLY BRIGHTER WHERE BAR IS		
<b>H178-1</b>	<b>NGC 4618</b>	<b>CVn</b>	<b>Galaxy SB(rs)m</b>	<b>B,L,E,MBM,CVDBRANCHN</b>
Feb 17 2004	31" 17mmT4	PB,VL,SHISB,IRR,2 HALVES,APP AS 2 GAL SIDE BY SIDE,ONE HALF BRTER,PAIR=4625,R=E		
Jan 28 1982	12.5" 16mm	MF,PL,OVAL-R,COMP TO N (4625),SBM,B* TO S,APPEARS TO BE 2 GAL OR DARK LANE		
Mar 27 1981	12.5" 24mm			
<b>H178-2</b>	<b>NGC 5953</b>	<b>Ser</b>	<b>Galaxy SAa: pec</b>	<b>PB,CS,P OF D NEB</b>
Apr 26 2006	31" 17mmT4	MB,MS,R,SMALL BNUC,F* OFF ONE SIDE,MOD HISB MIDDLE,BM,PAIR=5954,R=G		
May 28 2008	31" 17mmT4	PB,ML,R,LARGE BNUC,GBMB,HISB MIDDLE,F* OFF EDGE,COMP=5954,EXCELLENT PAIR,R=G		
<b>H178-3</b>	<b>NGC 1167</b>	<b>Per</b>	<b>Galaxy SA0-</b>	<b>VF,PL,R,SPMBM</b>

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<b>H178-3</b>	<b>NGC 1167</b>	<b>Per</b>	<b>Galaxy SA0-</b>	<b>VF,PL,R,SPMBM</b>
Aug 17 1982	12.5"	16mm	MF,PS,GBM,R	
<b>H179-2</b>	<b>NGC 5954</b>	<b>Ser</b>	<b>Galaxy SAB(rs)cd: pec</b>	<b>PB,CS,F OF D NEB</b>
Apr 26 2006	31"	17mmT4	MF,MS,PATCH,UB,NND,MOD HISB,PAIR=5953,R=G	
May 28 2008	31"	17mmT4	MB,PL,ELONG,PATCH,UB,MHISB,COMP=5953,EXCELLENT PAIR,R=G	
<b>H179-3</b>	<b>NGC 697</b>	<b>Ari</b>	<b>Galaxy SAB(r)c:</b>	<b>F,CL,E,MBM</b>
Oct 22 1982	12.5"	16mm	SAME	
Sep 10 1980	12.5"	24mm		
Sep 24 1981	12.5"	16mm	CLOSE DOUBLE * OFF TO E,KNTY STR SUSP,SBM,DIF,PF,MS	
<b>H180-1</b>	<b>NGC 5297</b>	<b>CVn</b>	<b>Galaxy SAB(s)c: sp</b>	<b>CB,L,PME142,GBM</b>
Jan 28 1982	12.5"	16mm	DIF,MF,MS,MOD HISB,*NE AND NW,NND	
<b>H180-2</b>	<b>NGC 4454</b>	<b>Vir</b>	<b>Galaxy (R)SB(r)0/a</b>	<b>F,L,R,GBM,ER</b>
May 01 1981	12.5"	24mm	PF,PL,EDGE ON,DNUC,DARM	
<b>H180-3</b>	<b>NGC 7316</b>	<b>Peg</b>	<b>Galaxy S</b>	<b>F,S,R,*8SP</b>
Jul 06 1983	12.5"	16mm	DIF,VF,VS,ELONG,* OFF STELL NUC SUSP,CIGAR SHAPE	
Sep 14 2012	36"	17mmT4	MB,MS,OVAL,VERY SMALL NUC,SHISB,VF * ON OUTER EDGE,B* IN FOV,R=FG	
Sep 18 1982	12.5"	16mm	DIF,MF,MS,OVAL,SBM,B* CLOSE BY	
<b>H181-1</b>	<b>NGC 5383</b>	<b>CVn</b>	<b>Galaxy (R')SB(rs)b: p</b>	<b>CB,CL,R,GBM</b>
Jan 28 1982	12.5"	16mm	DIF,MB,ML,FNUC,F*NE SIDE,SBM,R,SPR STR SUSP	
<b>H181-2</b>	<b>NGC 4684</b>	<b>Vir</b>	<b>Galaxy SB(r)0+</b>	<b>B,PL,PME25</b>
Mar 27 1982	12.5"	12mm	MB,PS,ELONG,BNUC,F* OFF TIP,GMBM	
<b>H181-3</b>	<b>NGC 7550</b>	<b>Peg</b>	<b>Galaxy SA0-</b>	<b>CF,S,R</b>
Sep 27 2005	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,GMBM,HISB,EXCELLENT HICKSON CLUSTER,R=E	
<b>H182-2</b>	<b>NGC 4691</b>	<b>Vir</b>	<b>Galaxy (R)SB(s)0/a pec</b>	<b>PB,PL,E90,MBM</b>
Mar 27 1982	12.5"	12mm	MF,MS,ELONG,BRT BAR WITH DIF HALO,NND,HISB ALONG EQ PLANE	
<b>H183-1</b>	<b>NGC 5750</b>	<b>Vir</b>	<b>Galaxy SB(r)0/a</b>	<b>PF,PS,VLE,R</b>
Apr 26 2006	31"	17mmT4	MB,PL,OVAL,R,SMALL BNUC,SPRIAL ARMS DET,PATCHY AREAS,BM,SHISB MIDDLE,R=E	
<b>H183-2</b>	<b>NGC 4593</b>	<b>Vir</b>	<b>Galaxy (R)SB(rs)b</b>	<b>PB,CL,E,SBMN=*</b>
Jun 04 1981	12.5"	24mm	DIF,MF,PL,EDGE ON,DNUC,FAINT HALO,PAIR/4597	
<b>H183-3</b>	<b>NGC 52</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>VF,S,E</b>
Sep 12 2002	12.5"	9mmT6	DIF,PF,PL,EDGE ON,UB,NND,VF* EDGE OF GAL	
<b>H184-1</b>	<b>NGC 5728</b>	<b>Lib</b>	<b>Galaxy SAB(r)a:</b>	<b>PF,PL,PME45,MBM,*10S</b>
May 02 1981	12.5"	16mm	PB,PL,ELONG ,BNUC,DIM HALO	
<b>H184-2</b>	<b>NGC 4602</b>	<b>Vir</b>	<b>Galaxy SAB(rs)bc</b>	<b>F,L,E,VGLBM</b>
Jun 04 1981	12.5"	24mm	DIF,MF,PS,EDGE ON,FAINT HALO,CLOSE COMP	
<b>H184-3</b>	<b>NGC 7506</b>	<b>Psc</b>	<b>Galaxy (R')SB(r)0+:</b>	<b>CF,VS,R,SBM*15</b>
Sep 17 2009	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,MOD HISB MIDDLE,R=G	
<b>H185-1</b>	<b>NGC 5633</b>	<b>Boo</b>	<b>Galaxy (R)SA(rs)b</b>	<b>CB,PS,R,PGLBM</b>
May 06 1981	12.5"	24mm	DIF,PF,VS,FAINT HALO	
<b>H185-3</b>	<b>NGC 7566</b>	<b>Psc</b>	<b>Galaxy (R')SB(rs)a pec</b>	<b>VF,PS,E,ER,3F*INV</b>
Sep 17 2009	31"	17mmT4	MF,MS,OVAL,LARGE FNUC,F* BOTH ENDS,IRR,SOMEWHAT HISB MIDDLE,R=F	
<b>H186-1</b>	<b>NGC 5195</b>	<b>CVn</b>	<b>Galaxy I0 pec</b>	<b>B,PS,LE,VGBM,INV-M51</b>
Apr 16 1980	6"	24mm		
Apr 19 2014	36"	17mmT4	EB,EL,LBNUC,HISB,HALF ARMS APPEAR BRTER THAN OTHER HALF,INTERACT=5194,R=E	
Apr 19 2014	36"	31mmT5	JUST ABSOLUTELY STUNNING	
Jan 28 1982	12.5"	24mm	MB,ML,BNUC,OVAL,BM,INTERACTING WITH M51	
Mar 16 2010	31"	17mmT4	VB,VL,OVAL,SMALL VERY BNUC,HISB MIDDLE,SUDDENLY MBM,COMP=M51,SPIRAL ARMS,BRIDGE CONNECTS TO M51,FAINT BAR ACROSS NUC,R=E	

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<b>H186-3</b>	<b>NGC 7592</b>	<b>Aqr</b>	<b>Galaxy S0+ pec:</b>	<b>EF,VS</b>
Nov 11 2009	31"	17mmT4	MB,MS,PATCH,UB,NND,SHISB,R=G	
<b>H187-1</b>	<b>NGC 5377</b>	<b>CVn</b>	<b>Galaxy (R)SB(s)a</b>	<b>B,L,ME42,SMBMN</b>
Jan 28 1982	12.5"	16mm	DIF,MB,ML,ELONG,DNUC,BM,CIGAR SHAPE,DIF HALO	
<b>H188-1</b>	<b>NGC 5689</b>	<b>Boo</b>	<b>Galaxy SB(s)0/a:</b>	<b>CB,PL,E87,PSMBM</b>
May 06 1981	12.5"	24mm	PB,VS,BNUC	
<b>H188-3</b>	<b>NGC 7701</b>	<b>Psc</b>	<b>Galaxy</b>	<b>VF,S,R,MBM,*11SP</b>
Sep 19 2012	36"	17mmT4	MB,MS,ELONG,LARGE BNUC,MHISB,PAIRS=NGC'S,R=G	
<b>H189-1</b>	<b>NGC 5676</b>	<b>Boo</b>	<b>Galaxy SA(rs)bc</b>	<b>B,L,E45,PGBM,R</b>
Jul 14 1980	12.5"	24mm	GET B* OUT OF FOV TO SEE	
May 06 1981	12.5"	24mm	VB,VL,BNUC,BRT HALO	
<b>H189-2</b>	<b>NGC 4981</b>	<b>Vir</b>	<b>Galaxy SAB(r)bc</b>	<b>B,PL,R,*10SF1'</b>
Mar 22 2004	12.5"	12mmT4	MF,ML,SMALL BNUC,B* ON EDGE,HISB MIDDLE,GMBM,R=G	
<b>H189-3</b>	<b>NGC 7725</b>	<b>Aqr</b>	<b>Galaxy S0</b>	<b>EEF</b>
Sep 06 2002	12.5"	9mmT6	DIF,PB,PL,ELONG,UB,MOD HISB,NND	
<b>H190-1</b>	<b>NGC 5395</b>	<b>CVn</b>	<b>Galaxy SA(s)b pec</b>	<b>CF,CL,E15,LBM,SF OF2</b>
Jan 28 1982	12.5"	16mm	DIF,PB,PL,ELONG,GBM	
Mar 17 2007	31"	17mmT4	VF,VL,ELONG,OVAL,LARGE FNUC,MHISB,SPIRAL ARMS DET,PATCH AREAS,PAIR=5394,R=E	
<b>H190-2</b>	<b>NGC 4928</b>	<b>Vir</b>	<b>Galaxy SA(s)bc pec</b>	<b>F,PS,VLE,GLBM</b>
Mar 22 2004	12.5"	12mmT4	MF,MS,R,UB,SHISB,R=F	
<b>H190-3</b>	<b>NGC 7832</b>	<b>Psc</b>	<b>Galaxy E+</b>	<b>VF,VS,R,VGPSMBM,2*SF</b>
Oct 12 2012	36"	17mmT4	MB,MS,OVAL,LARGE FNUC,MHISB,VF* OFF EDGE,R=FG	
Sep 04 2002	12.5"	16mm	DIF,PF,PS,OVAL,GMBM,MOD HISB,PAIR/PGC 535	
<b>H191-1</b>	<b>NGC 5394</b>	<b>CVn</b>	<b>Galaxy SB(s)b pec</b>	<b>CF,S,NP OF 2</b>
Mar 17 2007	31"	17mmT4	PB,ML,OVAL,*NUC,SHISB,SUDDENLY MBM,PAIR=5395,R=G	
<b>H192-1</b>	<b>NGC 7008</b>	<b>Cyg</b>	<b>Planetary Neb 3</b>	<b>CB,L,E45,R,**ATT</b>
Aug 11 1982	12.5"	16mm	MF,PL,BG COLOR,NW PART BRT,PATCHY-R,CENTRAL 14* DET,LOC E OF A FEW **S	
Aug 15 2009	31"	17mmT4	MB,PL,PATCH,C* 13TH,2 HALVES,BROKEN,ANOTHER 13TH * IN NEB,BLOBS BOTH ENDS,OIII,HELPS,MORE NEB,BRT BLOBS BOTH ENDS,C* STILL VISIBLE,R=E	
<b>H192-2</b>	<b>NGC 5861</b>	<b>Lib</b>	<b>Galaxy SAB(rs)c</b>	<b>F,L,E,R</b>
May 02 1981	12.5"	16mm	DIF,PF,VL,DIM HALO,FAINT GAL TO S	
<b>H192-3</b>	<b>NGC 702</b>	<b>Cet</b>	<b>Galaxy SB(s)bc pec</b>	<b>EF,VLE0,*13S90"</b>
Nov 17 2012	36"	17mmT4	MF,MS,OVAL,LFNUC,F* OFF EDGE,PAIRS=MAC'S,R=F	
<b>H193-1</b>	<b>NGC 650</b>	<b>Per M76</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
Aug 19 1980	12.5"	24mm		
Aug 22 1980	12.5"	24mm		
Aug 25 1982	12.5"	16mm	HOUR GLASS SHAPE,WHIPHS OF NEB AROUND TIPS,SAME AS BEFORE	
Dec 06 2002	12.5"	9mmT6	PB,PL,2 LOBES EASILY DETECTED,MHISB,BRT REGION IN ONE LOBE. M76	
Jul 11 1980	12.5"	24mm		
Jul 17 1980	12.5"	24mm		
Jul 24 1980	12.5"	24mm		
Mar 02 1984	10"	20mm	SAME	
Mar 19 2004	12.5"	12mmT4	W/OIII. VB,PL,HOUR GLASS SHAPE,BAR,TWO HALVES,MESSIER MARATHON 2004,R=E	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
Oct 03 1981	12.5"	24mm	BLUE GREEN,MB,PS,S PART BRTER,HISB,2 PARTS DET,DARK PATCH	
Sep 02 2008	31"	17mmT4	VB,VL,BRT HOUR GLASS CENTRAL REGION,FT WHISPS OF NEB SIDES,OIII NO HELP,F* EDGE OF HOUR GLASS,NO C* DET,R=E	
<b>H193-2</b>	<b>NGC 5077</b>	<b>Vir</b>	<b>Galaxy E3-4</b>	<b>PB,S,VLE,SBM,2ND OF3</b>

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<b>H193-2</b>	<b>NGC 5077</b>	<b>Vir</b>	<b>Galaxy E3-4</b>	<b>PB,S,VLE,SBM,2ND OF3</b>
Apr 26 2006	31"	17mmT4	VB,MS,R,LARGE BNUC,HISB,COMP=MAC,BM,F* OFF NUC,PAIRS=5079/5076/MAC,R=G	
<b>H193-3</b>	<b>NGC 748</b>	<b>Cet</b>	<b>Galaxy (R')SA(r)b?</b>	<b>PF,*9NP</b>
Nov 22 2006	12.5"	12mmT4	MB,ML,OVAL,PATCH,UB,SOMEWHAT HISB,PATCHY,R=G	
<b>H194-1</b>	<b>NGC 3675</b>	<b>UMa</b>	<b>Galaxy SA(s)b</b>	<b>VB,CL,VME0,VSMBMN</b>
Mar 15 1985	12.5"	16mm	SAME,PB,ML,BNUC,F*N TIP,CIGAR SHAPE,MOD HISB,BM	
Oct 22 1982	12.5"	16mm	MB,ML,ELONG,BNUC,F* IN N TIP,BIG BRT NUC,GMBM	
<b>H194-2</b>	<b>NGC 5548</b>	<b>Boo</b>	<b>Galaxy (R')SA(s)0/a</b>	<b>CF,PS,R,VSVMBM*</b>
May 06 1981	12.5"	24mm	MF,ES,DNUC,ONLY CENTRAL PART OF GAL SEEN	
<b>H195-1</b>	<b>NGC 4111</b>	<b>CVn</b>	<b>Galaxy SA(r)0+: sp</b>	<b>VB,PS,ME151</b>
Feb 12 1983	12.5"	24mm	PB,VS,EDGE ON,BNUC,B* CLOSE BY,F* BET GAL AND B*,TAPERED ENDS	
Feb 25 2004	31"	17mmT4	VB,PL,EDGE ON,BNUC,HISB MIDDLE,CENTRAL BULGE,TAPERED ENDS,PAIR=4109,R=E	
<b>H195-2</b>	<b>NGC 6287</b>	<b>Oph</b>	<b>Globular</b>	<b>GCL,CB,L,R,GPMCMM,RRR</b>
Jul 21 1984	12.5"	16mm	VDIF,VF,MS,OVAL,UB,NO *S RESOLVED	
Jun 04 1981	12.5"	24mm	DIF,PF,MS	
Jun 18 1980	12.5"	24mm	EF,NND,LOC IN BARREN * FIELD	
<b>H196-1</b>	<b>NGC 4138</b>	<b>CVn</b>	<b>Galaxy SA(r)0+</b>	<b>B,PL,E,VGBM,*NP</b>
Feb 25 2004	31"	17mmT4	VB,PL,OVAL,SMALL BNUC,SHISB,SPR STR SUSP,HISB MIDDLE,GMBM,R=E	
Mar 22 2004	12.5"	12mmT4	PB,ML,ELONG,LARGE BNUC,SHISB,GMBM,HISB MIDDLE,R=E	
<b>H196-2</b>	<b>NGC 5694</b>	<b>Hya</b>	<b>Globular</b>	<b>CB,CS,R,PSBM,R,*9SP</b>
Apr 11 2015	36"	17mmT4	PB,MS,SM BRT NUC WITH HISB,HALO OF RESOLVED *S CLOSE TO NUC,19 DEG ALT,~TYPE III,R=G	
Jun 11 1983	12.5"	20mm	MF,PS,BNUC,R,2* S SE,1* SW 1 GAL DIA,1F* SW 2 GAL DIA,MOD HISB	
<b>H197-1</b>	<b>NGC 4485</b>	<b>CVn</b>	<b>Galaxy IB(s)m pec</b>	<b>B,PS,IR,NP OF 2</b>
Jan 28 1982	12.5"	16mm	EDIF,PF,PS,EDGE ON,UB,INTERACTING WITH 4490	
Mar 27 1981	12.5"	24mm		
<b>H197-2</b>	<b>NGC 6544</b>	<b>Sgr</b>	<b>Globular</b>	<b>CF,PL,IR,R</b>
Aug 13 1982	12.5"	16mm	MF,MS,FNUC,SMALL NUC,GBM,SOME *S RESOLVED,R	
Sep 20 1984	12.5"	16mm	VF,MS,F* VERY CLOSE BY,R,BM,SOME *S RESOLVED	
<b>H198-1</b>	<b>NGC 4490</b>	<b>CVn</b>	<b>Galaxy SB(s)d pec</b>	<b>VB,VL,ME130,R,SF OF2</b>
Jan 28 1982	12.5"	16mm	DIF,PB,PL,ELONG,BNUC,GBM,INTERACTING WITH 4485,SN DISCOVERED 8/10/82	
Mar 27 1981	12.5"	24mm		
Oct 31 1980	12.5"	24mm		
<b>H198-2</b>	<b>NGC 6540</b>	<b>Sgr</b>	<b>Globular</b>	<b>PF,S,IE,ER OR CL</b>
Aug 13 1982	12.5"	16mm	DIF,VF,VS,ELONG PATCH,APPEARS AS A GAL,LOCATE FROM 6520,FEW *S RESOLVED	
Sep 20 1984	12.5"	16mm	VDIF,VF,VS,*S APPROX SAME MAG(11.5),SCATTERED,FIND 6520 FIRST	
<b>H199-1</b>	<b>NGC 3198</b>	<b>UMa</b>	<b>Galaxy SB(rs)c</b>	<b>PB,VL,ME45,VGBM</b>
Dec 03 1980	12.5"	24mm		
Mar 15 1985	12.5"	16mm	SAME	
Oct 22 1982	12.5"	16mm	DIF,MF,PL,EDGE ON,F*NW EDGE,UB,NND,TAPERED TOWARDS ENDS	
<b>H199-2</b>	<b>NGC 6517</b>	<b>Oph</b>	<b>Globular</b>	<b>PB,PL,R,RR</b>
Jun 04 1981	12.5"	24mm	DIF,PF,PS	
<b>H199-3</b>	<b>NGC 1160</b>	<b>Per</b>	<b>Galaxy Scd:</b>	<b>F,E</b>
Aug 17 1982	12.5"	16mm	VDIF,MF,MS,F*S EDGE,PATCHY,NND,NO *S N OR E,PAIR/1161	
<b>H200-1</b>	<b>NGC 2683</b>	<b>Lyn</b>	<b>Galaxy SA(rs)b</b>	<b>VB,VL,VME39,GMBM</b>
Oct 16 1982	12.5"	16mm	MB,ML,EDGE ON,FNUC,F* IN N TIP,B* OFF TO E,DUST LANES SUSP,TAPERED ENDS,HISB	
<b>H200-2</b>	<b>NGC 6528</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,PF,CS,R,GBM,RRR</b>
Aug 13 1982	12.5"	16mm	VDIF,PF,VS,SBM,NO *S RESOLVED,PAIR/6522	



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<b>H200-2</b>	<b>NGC 6528</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,PF,CS,R,GBM,RRR</b>
Aug 13 1982	12.5" 16mm	VDIF,PF,VS,SBM,NO **S RESOLVED,PAIR/6522		
Sep 20 1984	12.5" 16mm	DIF,VF,VS,6522 SAME FIELD TO E,IN BARREN * AREA,R,SBM		
<b>H200-3</b>	<b>NGC 213</b>	<b>Psc</b>	<b>Galaxy SB(rs)a</b>	<b>F,S,BET2S*</b>
Sep 28 2013	36" 17mmT4	PB,MS,OVAL,R,SMALL BNUC,MOD HISB,* OUTER EDGE,SMBM,FINE GRANULAR HALO AROUND NUC,R=FG		
<b>H201-1</b>	<b>NGC 3877</b>	<b>UMa</b>	<b>Galaxy SA(s)c:</b>	<b>B,L,ME37</b>
Feb 12 1983	12.5" 16mm	MB,PL,EDGE ON,KNTS DET,DUST LANES		
Mar 15 1985	12.5" 16mm	SAME,PB,ML		
<b>H201-2</b>	<b>NGC 6569</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,CB,L,R,RRR,*15..</b>
Aug 13 1982	12.5" 16mm	DIF,MF,MS,R,GBM,UB		
Sep 21 1984	12.5" 24mm	PF,PS,R,SBM,2F**S TO S IN A LINE POINTING TO A BRT DOUBLE *,F* ON S EDGE		
<b>H201-3</b>	<b>NGC 871</b>	<b>Ari</b>	<b>Galaxy SB(s)c:</b>	<b>VF,VS,E,*10SF5'</b>
Oct 22 1982	12.5" 16mm	MF,PS,R,MOD HISB,PAIR/877		
Sep 23 2003	31" 17mmT4	PB,ML,OVAL,HISB THROUGHOUT,F* OFF NUC,LARGE BRT NUC,GMBM,R=E		
<b>H202-1</b>	<b>NGC 3949</b>	<b>UMa</b>	<b>Galaxy SA(s)bc:</b>	<b>CB,PL,PME,VGBM</b>
Feb 12 1983	12.5" 16mm	MF,PL,MOD HISB,OVAL,STELL NUC,KNTS SUSP,FACE ON		
Mar 15 1985	12.5" 12mm	MB,ML,RECT SHAPE,UB,MOD HISB,NO **S		
<b>H202-3</b>	<b>NGC 7468</b>	<b>Peg</b>	<b>Galaxy E3: pec</b>	<b>EF,VS</b>
Jul 29 2003	31" 25mm	PB,PL,BNUC,VHISB,LARGE BRT NUC,R=G		
<b>H203-1</b>	<b>NGC 3938</b>	<b>UMa</b>	<b>Galaxy SA(s)c</b>	<b>B,VL,R,BMPBN,ER</b>
Feb 12 1983	12.5" 16mm	MB,VL,FACE ON,R,KNTS DET		
Mar 15 1985	12.5" 16mm	MF,PL,LARGE OVAL,FACE ON,SBM,SOME KNTY STR SUSP,NO **S		
<b>H203-2</b>	<b>NGC 7013</b>	<b>Cyg</b>	<b>Galaxy SA(r)0/a</b>	<b>PB,CS,R,PSBM,PB*NIP</b>
Sep 18 2004	31" 17mmT4	PB,PL,ELONG,LARGE BNUC,MOD HISB,LARGE FARMS,HISB MIDDLE,VF* OFF NUC,SBM,R=G		
<b>H203-3</b>	<b>NGC 7497</b>	<b>Peg</b>	<b>Galaxy SB(s)d</b>	<b>VF,L,PME45,LBM</b>
Sep 25 2003	31" 17mmT4	PB,EL,EDGE ON,UB,NND,SHISB,F* IN EDGE,CENTRAL BULGE,R=E		
<b>H204-1</b>	<b>NGC 2639</b>	<b>UMa</b>	<b>Galaxy (R)SA(r)a:?</b>	<b>CB,S,E130,PSMBM</b>
Dec 03 1980	12.5" 24mm			
Mar 15 1985	12.5" 16mm	PF,PS,ELONG,SBM,NO **S,FORMS TRI WITH 2 OTHER **S		
<b>H204-2</b>	<b>NGC 6629</b>	<b>Sgr</b>	<b>Planetary Neb 2a</b>	<b>PLNORGCL,PB,EES,R</b>
Aug 13 1982	12.5" 7mm	MF,VS,BETWEEN 2**S IN FIELD OF VIEW,HARD TO LOC,R,BLUE GREEN COLOR		
May 19 2009	31" 12mmT4	MB,PS,R,C* APPROX 13TH MAG,BLUEISH-GREEN,BRT TOWARDS MIDDLE,OIII DNH,R=G		
<b>H204-3</b>	<b>NGC 251</b>	<b>Psc</b>	<b>Galaxy Sc</b>	<b>VF,S,R,LBM,*INV,2S*F</b>
Sep 28 2013	36" 17mmT4	MF,ML,OVAL,LARGE FNUC,R=F		
<b>H205-1</b>	<b>NGC 2841</b>	<b>UMa</b>	<b>Galaxy SA(r)b:</b>	<b>VB,L,VME151,VSMBM*10</b>
Apr 14 2004	31" 17mmT4	VB,EL,ELONG,LARGE BNUC,HISB,LARGE AREA OF ARMS,DUST SUSP,* IN TIP,R=E		
Dec 03 1980	12.5" 24mm			
Mar 15 1985	12.5" 12mm	SAME,ALL **S PRESENT		
Oct 16 1982	12.5" 12mm	FAINTER * OFF NE,SAME		
Oct 16 1982	12.5" 16mm	VB,ML,ELONG,BNUC,F* IN N TIP,F*NW,GMBM,DIF HALO,VF*N		
<b>H205-2</b>	<b>NGC 6642</b>	<b>Sgr</b>	<b>Globular</b>	<b>GCL,PB,PL,IR,GPMBM</b>
Aug 13 1982	12.5" 16mm	MF,PS,VMBM,R		
<b>H206-1</b>	<b>NGC 4088</b>	<b>UMa</b>	<b>Galaxy SAB(rs)bc</b>	<b>B,CL,E55,LBM</b>
Feb 12 1983	12.5" 24mm	DIF,PB,PL,ELONG,HISB,NND,UB,W SIDE WIDER THAN E,PAIR/4085		
Mar 06 2003	12.5" 9mmT6	MB,EL,OVAL,PATCH,UB,NND,SOMEWHAT HISB,PAIR=4085,R=E		
<b>H206-3</b>	<b>NGC 473</b>	<b>Psc</b>	<b>Galaxy SAB(r)0/a:</b>	<b>EF,S</b>
Sep 24 1981	12.5" 16mm	DIF,MF,VS,DNUC,SBM,R,SOMEWHAT HISB,NO **S NEAR GALAXY		

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<b>H206-3</b>	<b>NGC 473</b>	<b>Psc</b>	<b>Galaxy SAB(r)0/a:</b>	<b>EF,S</b>
Sep 24 1981	12.5" 16mm	DIF,MF,VS,DNUC,SBM,R,SOMEWHAT HISB,NO *S NEAR GALAXY		
<b>H207-1</b>	<b>NGC 4096</b>	<b>UMa</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,VL,ME32</b>
Mar 22 2004	12.5" 12mmT4	MF,PL,EDGE ON,PATCH,NND,SOMEWHAT BM,CENTRAL REGION PATCHY,BROKEN,R=G		
Mar 27 1981	12.5" 24mm			
<b>H207-2</b>	<b>NGC 7217</b>	<b>Peg</b>	<b>Galaxy (R)SA(r)ab</b>	<b>B,PL,GBM,ER</b>
Aug 25 1982	12.5" 16mm	MB,PL,R,VMBM		
Jul 07 1981	12.5" 24mm	MB,PB,ELONG,DIM NUC,FAINT HALO		
Jul 11 1980	12.5" 24mm			
Jul 12 1980	12.5" 24mm			
Jul 15 1980	12.5" 24mm			
Sep 10 1980	12.5" 24mm			
Sep 14 2012	36" 17mmT4	PB,PL,OVAL,R,LARGE BNUC,HISB,GMBM,F* OFF SIDE,R=G		
Sep 21 1984	12.5" 12mm	PB,PL,BNUC,R,VMBM,LARGE SOFT NUC		
<b>H207-3</b>	<b>NGC 794</b>	<b>Ari</b>	<b>Galaxy S0-:</b>	<b>VF,CS,STELLAR</b>
Sep 23 2003	31" 17mmT4	PB,ML,OVAL,R,LARGE BNUC,GMBM,MOD HISB,R=G		
<b>H208-1</b>	<b>NGC 4157</b>	<b>UMa</b>	<b>Galaxy SAB(s)b? sp</b>	<b>PF,CL,VME60,(DOUBLE)</b>
Apr 23 2003	12.5" 9mmT6	VF,EL,EDGE ON,BNUC,MOD HISB,DUST LANE SUSP,RES 7331,CENTRAL BULGE,R=E		
<b>H208-2</b>	<b>NGC 7741</b>	<b>Peg</b>	<b>Galaxy SB(s)cd</b>	<b>CF,CL,IR,D*10,12NP2'</b>
Jul 07 1981	12.5" 24mm	DIF,VF,ML,FAINT HALO,LOC BY BRT DOUBLE *		
Sep 10 1980	12.5" 24mm	B* IN EDGE OF GAL		
Sep 21 1984	12.5" 16mm	SAME		
<b>H208-3</b>	<b>NGC 803</b>	<b>Ari</b>	<b>Galaxy SA(s)c: sp</b>	<b>VF,S,IR,GLBM,*10P3S</b>
Oct 23 1982	12.5" 16mm	MF,MS,SLIGHTLY ELONG,MOD HISB,NND,B*W SIDE,12MM SBM		
<b>H209-1</b>	<b>NGC 4220</b>	<b>CVn</b>	<b>Galaxy SA(r)0+</b>	<b>CB,PL,PME134,PSBM</b>
Jan 26 1982	12.5" 16mm	MB,VL,BNUC,FAINT HALO,F*NE EDGE,SOMEWHAT OVAL,BM,		
Jan 26 1982	12.5" 24mm	NICE!!,PAIR/4217		
<b>H209-2</b>	<b>NGC 214</b>	<b>And</b>	<b>Galaxy SAB(r)c</b>	<b>PF,PS,GVLBM,R</b>
Aug 31 1984	12.5" 16mm	DIF,MF,PS,IN BARREN * FIELD,VF * DETECTED TO W SEVERAL GAL DIA,PATCHY,VB		
Sep 10 1980	12.5" 24mm			
Sep 23 1981	12.5" 16mm	BARREN * FIELD,DIF WITH V LITTLE BRIGHTNESS IN MIDDLE,PF,PS		
<b>H209-3</b>	<b>NGC 7042</b>	<b>Peg</b>	<b>Galaxy Sb</b>	<b>VF,S,R</b>
Aug 10 2002	12.5" 12mm	DIF,MF,PL,OVAL,PATCHY,UB,COMP=7043		
Aug 10 2002	12.5" 9mmT6	DIF,MF,MS,ELONG,MOD HISB,MBM		
<b>H210-1</b>	<b>NGC 4346</b>	<b>CVn</b>	<b>Galaxy S0 sp</b>	<b>VF,S,ME100,VSMBMBN</b>
Jan 26 1982	12.5" 16mm	DIF,MF,VS,DIM NUC,OVAL,VMBM		
Mar 27 1981	12.5" 24mm			
<b>H210-2</b>	<b>NGC 315</b>	<b>Psc</b>	<b>Galaxy E+:</b>	<b>PB,PL,R,GBM,*9NF3'</b>
Sep 04 2002	12.5" 9mmT6	PB,PL,OVAL,F* IN GAL EDGE,GMBM,HISP,PAIR/311/318		
<b>H210-3</b>	<b>NGC 7463</b>	<b>Peg</b>	<b>Galaxy SABb: pec</b>	<b>VF,S,LE,P OF 2</b>
Aug 10 2002	12.5" 9mmT6	DIF,MF,PL,EDGE ON,COMP=7465,SBM		
Aug 20 2003	31" 25mm	PB,PL,PATCH,UB,NND,SHISB,COMP=7464,PAIRS=7465/7464,R=G		
Jul 29 2003	12.5" 9mmT6	PB,PL,ELONG,PATCH,UB,PAIR/7464/7465,R=G		
<b>H211-1</b>	<b>NGC 4800</b>	<b>CVn</b>	<b>Galaxy SA(rs)b</b>	<b>PB,CS,R,PSBM,*14P</b>
Jan 28 1982	12.5" 16mm	DIF,MF,PS,FNUC,* ON W SIDE,OVAL,MOD BM		
<b>H211-2</b>	<b>NGC 972</b>	<b>Ari</b>	<b>Galaxy Sab</b>	<b>PB,CL,LE,GMBM,3*S</b>
Oct 23 1982	12.5" 16mm	SAME		
Oct 31 1980	12.5" 24mm			

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<b>H211-2</b>	<b>NGC 972</b>	<b>Ari</b>	<b>Galaxy Sab</b>	<b>PB,CL,LE,GMBM,3*S</b>
Oct 31 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 24 1981	12.5"	16mm	ELONG,HISB,GBM,5F*S LOOP AROUND GAL,SE *S VERY FAINT,MB,PL	
<b>H211-3</b>	<b>NGC 7465</b>	<b>Peg</b>	<b>Galaxy (R')SB(s)0<sup>+</sup>:</b>	<b>VF,VS,FOF 2</b>
Aug 10 2002	12.5"	9mmT6	PB,ML,BNUC,GMBM,OVAL,COMP=7463	
Aug 20 2003	31"	25mm	PB,PL,BNUC,MOD HISB,LARGE BRT NUC,PAIRS=7464/7463,R=E	
Jul 29 2003	12.5"	9mmT6	MB,ML,R,BNUC,HISB,GMBM,LARGE NUC,PAIR/7484/7463,R=G	
<b>H212-1</b>	<b>NGC 4460</b>	<b>CVn</b>	<b>Galaxy SB(s)0+? sp</b>	<b>B,PL,E123,PSBM</b>
Jan 28 1982	12.5"	16mm	DIF,PF,MS,ELONG,FNUC,SBM	
Mar 17 2007	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,HISB MIDDLE,CENTRAL THICKNESS,R=E	
<b>H212-2</b>	<b>NGC 7457</b>	<b>Peg</b>	<b>Galaxy SA(rs)0-?</b>	<b>CB,CL,LE,GMBM,R,2S*N</b>
Aug 10 2002	12.5"	12mm	MF,ML,OVAL,PATCHY,GMBM,MOD HISB,SPR STR SUSP	
Jul 07 1981	12.5"	24mm	DIF,MF,PS,FNUC	
Sep 10 1980	12.5"	24mm		
Sep 21 1984	12.5"	16mm	MF,MS,STELL NUC,SLIGHTLY ELONG,2*S SAME MAG SW CLOSE BY	
<b>H212-3</b>	<b>NGC 7659</b>	<b>Peg</b>	<b>Galaxy S0/a</b>	<b>VF,VS,R,PSBM</b>
Nov 24 2006	12.5"	12mmT4	MF,MS,ELONG,LARGE BNUC,SMBM,R=F	
<b>H213-1</b>	<b>NGC 4449</b>	<b>CVn</b>	<b>Galaxy IBm</b>	<b>VB,CL,ME,DORBIFID,*F</b>
Jan 28 1982	12.5"	16mm	DIF,PB,PL,ELONG,FNUC,F* IN W EDGE NEAR NUC,HISB,GMBM,F* FARTHER W	
Jan 28 1982	12.5"	7mm	STELL NUC,ANOTHER F* JUST W OF NUC	
<b>H213-2</b>	<b>NGC 7753</b>	<b>Peg</b>	<b>Galaxy SAB(rs)bc</b>	<b>CF,CL,VLE,VGLBM,R</b>
Sep 05 2007	31"	17mmT4	MF,ML,NND,MOD HISB,PAIR=7752,R=F	
<b>H213-3</b>	<b>NGC 7691</b>	<b>Peg</b>	<b>Galaxy SAB(rs)bc</b>	<b>EF,PL,TRI W/2*10</b>
Sep 05 2007	31"	17mmT4	DIF,VF,PL,OVAL,PATCH,UB,NND, 3 *S IN TRIANGLE AROUND GAL,R=F	
<b>H214-1</b>	<b>NGC 5474</b>	<b>UMa</b>	<b>Galaxy S(c)</b>	<b>PB,L,BM</b>
Jun 11 1983	12.5"	20mm	DIF,MB,PL,FNUC,F*NW 1 GAL DIA,OVAL,SMALL BRT NUC,SOUTH OF M101	
Mar 06 2003	12.5"	9mmT6	PF,PL,R,PATCH,NND,PATCHY,F* IN GAL DET,R=G	
Mar 27 1981	12.5"	24mm		
<b>H214-3</b>	<b>NGC 774</b>	<b>Ari</b>	<b>Galaxy S0</b>	<b>VF,STELLAR</b>
Oct 22 1982	12.5"	16mm	VDIF,MF,PS,S OF F*,UB,OVAL	
<b>H215-1</b>	<b>NGC 5866</b>	<b>Dra M102</b>	<b>Galaxy SA0+ sp</b>	<b>VB,CL,PME146,GBM</b>
Apr 23 2003	12.5"	9mmT6	EB,,VL,OVAL,BNUC,HISB,AWSOME,BEAUTIFUL,TAPPERED ENDS,LARGE NUC AREA,GMBM,R=E	
Jul 09 1983	12.5"	12mm	MB,ML,BNUC,2F*S ON BOTH SIDES,LARGE BRT NUC,TAPPERED ENDS	
Jul 11 1980	12.5"	24mm		
Jul 14 1980	12.5"	24mm		
Jul 22 1981	12.5"	16mm	VB,ML,ELONG,BNUC,BRT HALO AROUND NUC	
Jun 20 1980	12.5"	24mm		
Mar 02 1984	10"	20mm	SAME	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
<b>H215-2</b>	<b>NGC 379</b>	<b>Psc</b>	<b>Galaxy S0</b>	<b>PF,S,R,BM</b>
Sep 18 2009	31"	17mmT4	PB,ML,ELONG,LARGE BNUC,HISB MIDDLE,PAIRS=OTHER NGC'S,R=G	
<b>H215-3</b>	<b>NGC 781</b>	<b>Ari</b>	<b>Galaxy S?</b>	<b>EF,STELLAR</b>
Oct 22 1982	12.5"	16mm	DIF,EF,VS,R,STELL NUC	
<b>H216-1</b>	<b>NGC 2787</b>	<b>UMa</b>	<b>Galaxy SB(r)0+</b>	<b>B,PL,LE90,MBM,R,*INV</b>
Mar 15 1985	12.5"	12mm	SAME,F* IN E SIDE NOT DET	

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<b>H216-1</b>	<b>NGC 2787</b>	<b>UMa</b>	<b>Galaxy SB(r)0+</b>	<b>B,PL,LE90,MBM,R,*INV</b>
Mar 15 1985	12.5"	12mm	SAME,F* IN E SIDE NOT DET	
Mar 26 2003	12.5"	9mmT6	PB,ML,R,MHISB,FACE ON,F* IN GAL ARMS,GBM,SPR STR SUSP,R=E	
Oct 16 1982	12.5"	12mm	R,GMBM,ANOTHER F* IN EASTERN PART	
Oct 16 1982	12.5"	16mm	MB,MS,BNUC,OVAL,F* IN S PART,HISB MIDDLE	
<b>H216-2</b>	<b>NGC 380</b>	<b>Psc</b>	<b>Galaxy E2</b>	<b>PF,S,R,SBM</b>
Sep 18 2009	31"	17mmT4	PB,ML,OVAL,LARGE BNUC,HISB MIDDLE,PAIRS=OTHER NGC'S,R=G	
<b>H216-3</b>	<b>NGC 7385</b>	<b>Peg</b>	<b>Galaxy E pec:</b>	<b>CF,S,R,GLBM,*11NP</b>
Sep 20 2003	31"	25mm	PB,PL,OVAL,PATCH,BNUC,MOD HISB,LARGE NUC AREA,9 GAL IN CLUSTER,R=G	
<b>H217-1</b>	<b>NGC 1579</b>	<b>Per</b>	<b>Nebula R</b>	<b>PB,VL,IR,MBM,*8 2'NF</b>
Aug 10 2002	12.5"	16mm	PB,PL,BRT NEBULA,MOD HISB,NO **S,UB	
Aug 10 2002	12.5"	9mmT6	PATCH,UB	
Sep 27 2005	31"	17mmT4	VB,VL,PATCH,UB,MOD HISB,EM NEB,PATCHY,BRT PATCHES DET,IRR IN SHAPE,R=G	
<b>H217-2</b>	<b>NGC 383</b>	<b>Psc</b>	<b>Galaxy SA0-:</b>	<b>PF,PL,R,GBM,NF D NEB</b>
Sep 18 2009	31"	17mmT4	VB,VL,R,LARGE BNUC,HISB,GRANULAR HALO AROUND NUC,PAIRS=OTHER NGC'S,R=E	
<b>H217-3</b>	<b>NGC 7386</b>	<b>Peg</b>	<b>Galaxy SA0:</b>	<b>CF,S,R,PGBM,F OF 2</b>
Sep 20 2003	31"	25mm	PB,PL,ELONG,BNUC,SMALL NUC AREA,MOD HISB,7386 CLUSTER OF 9,R=G	
<b>H218-1</b>	<b>NGC 2419</b>	<b>Lyn</b>	<b>Globular</b>	<b>PB,PL,LE90,VGBM,*4'F</b>
Oct 16 1982	12.5"	16mm	MF,PL,R,UB,SBM,2 B**S POINT TO IT,COUPLE OF F**S SCATTERED AROUND OBJECT	
<b>H218-3</b>	<b>NGC 7648</b>	<b>Peg</b>	<b>Galaxy S0</b>	<b>VF,PS,LE,BM</b>
Oct 25 2006	31"	17mmT4	PB,ML,OVAL,LARGE BNUC,F**S BOTH ENDS,MOD HISB MIDDLE,BAR SUSP,PAIR=MAC,R=G	
<b>H219-1</b>	<b>NGC 3665</b>	<b>Leo</b>	<b>Galaxy SA(s)0^</b>	<b>CB,CL,IR,PGBM</b>
Mar 15 1985	12.5"	16mm	MF,MS,FNUC,SMALL BRT NUC,F* TO N,MOD HISB,LARGE NUC REGION	
Oct 22 1982	12.5"	16mm	MB,ML,DNUC,OVAL,MOD HISB TOWARDS CENTER,LARGE NUC AREA	
<b>H219-2</b>	<b>NGC 407</b>	<b>Psc</b>	<b>Galaxy S0/a: sp</b>	<b>VF,VS,SP OF 2</b>
Sep 04 2002	12.5"	9mmT6	DIF,PF,MS,ELONG,SBM,OVAL PATCH,PAIR/410/414	
<b>H219-3</b>	<b>NGC 6956</b>	<b>Del</b>	<b>Galaxy SBb</b>	<b>VF,S,STELL,**ATT</b>
Jul 08 1983	12.5"	12mm	DIF,MF,MS,FACE ON,B* IN GAL,MOD HISB,DARK PATCHES SUSP,VF*E EDGE	
Jul 30 2002	12.5"	12mm	SAME	
Jul 31 2002	12.5"	12mm	SAME,WHISPY,SLIGHTLY ELONG	
Sep 19 2012	36"	17mmT4	MB,MS,OVAL,SMALL BNUC,GMBM,MOD HISB MIDDLE,BAR,2 SPR ARMS OFF ENDS OF BAR,* CLOSE TO NUC,R=FG	
<b>H220-1</b>	<b>NGC 3549</b>	<b>UMa</b>	<b>Galaxy SA(s)c:</b>	<b>CB,CL,CE160</b>
Mar 15 1985	12.5"	16mm	DIF,MF,PL,ELONG,PATCH,UB,NND	
<b>H220-2</b>	<b>NGC 410</b>	<b>Psc</b>	<b>Galaxy E+:</b>	<b>PB,PL,NF OF 2</b>
Sep 04 2002	12.5"	9mmT6	PB,PL,OVAL,GBM,MOD HISB,PAIR/407/414	
<b>H220-3</b>	<b>NGC 7515</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>F,CS,R,VGLBM,R</b>
Sep 25 2003	31"	17mmT4	VB,VL,OVAL,PATCH,SMALL BNUC,GMBM,MOD HISB ARMS,MOD HISB,R=G	
<b>H221-1</b>	<b>NGC 3718</b>	<b>UMa</b>	<b>Galaxy SB(s)a pec</b>	<b>PB,VL,R,VGLBM</b>
Feb 23 2006	31"	17mmT4	VB,EF,LARGE BNUC,F* CLOSE TO NUC IN GAL,PATCHY,ARMS SUSP,H2 REGIONS,PAIR=MAC,R=E	
Mar 15 1985	12.5"	16mm	PF,VL,SPR ARMS DET,BRT BAR,VERY R,FACE ON,2B**S TO S,PAIR/3729	
Oct 22 1982	12.5"	24mm	MB,ML,2F**S IN S PART,OVAL,NND,PAIR/3729	
<b>H221-2</b>	<b>NGC 736</b>	<b>Tri</b>	<b>Galaxy E+:</b>	<b>PB,R,BM</b>
Aug 25 1982	12.5"	16mm	DIF,MF,MS,F**S N EDGE (2 OR 3),CLOSE PAIR/750	
Dec 04 2004	31"	17mmT4	PB,MS,LARGE BNUC,* OFF ONE SIDE,HISB MIDDLE,PAIRS=733/738/740,R=G	
<b>H221-2</b>	<b>NGC 740</b>	<b>Tri</b>	<b>Galaxy SBb?</b>	<b>F,L,CE</b>
Dec 04 2004	31"	17mmT4	PF,MS,ELONG,UB,NND,CIGAR SHAPE,PAIRS=733/736/738,R=F	

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<b>H221-2</b>	<b>NGC 740</b>	<b>Tri</b>	<b>Galaxy SBb?</b>	<b>F,L,CE</b>
Dec 04 2004	31"	17mmT4	PF,MS,ELONG,UB,NND,CIGAR SHAPE,PAIRS=733/736/738,R=F	
<b>H221-3</b>	<b>NGC 7559B</b>	<b>Peg</b>	<b>Galaxy S0-</b>	
Oct 25 2006	31"	17mmT4	EF,VS,PATCH,UB,NND,INTERACTING=7559A,R=P	
Sep 20 2003	31"	25mm	PB,PL,OVAL,BNUC,MOD HISB,LARGE BRT NUC,F* OFF EDGE,PAIRS/7563/7559A,R=G	
<b>H222-1</b>	<b>NGC 3729</b>	<b>UMa</b>	<b>Galaxy SB(r)a pec</b>	<b>PB,PL,LE0,GBM,*12NR</b>
Feb 23 2006	31"	17mmT4	VB,VL,OVAL,SMALL BNUC,HISB,ARMS,PATCHY AREAS,BRT BAR LIKE NUC W/BULGE,COMP=MAC,* ON EDGE,R=E	
Mar 15 1985	12.5"	16mm	MB,ML,BRT THAN 3718,MOD HISB,B* ON S EDGE,UB,PAIR/3718	
Oct 22 1982	12.5"	24mm	VF,ML,OVAL,NND,MOD HISB,F* IN S PART,PAIR/3718	
<b>H222-2</b>	<b>NGC 750</b>	<b>Tri</b>	<b>Galaxy E pec</b>	<b>CB,PL,R,DW/751,25"</b>
Aug 25 1982	12.5"	16mm	PAIR/736	
Dec 04 2004	31"	17mmT4	PB,ML,R,BNUC,HISB,COMP OR INTERACTING WITH 751,R=G	
Oct 31 1980	12.5"	24mm	PAIR/777	
Sep 18 1980	12.5"	24mm		
Sep 23 1981	12.5"	16mm	DIF,PF,PS,ELONG,SIM TO 670,FNUC SUSP,NO *S	
<b>H222-3</b>	<b>NGC 7563</b>	<b>Peg</b>	<b>Galaxy SBa</b>	<b>PF,CS,R,SBM*16,SFOF2</b>
Oct 25 2006	31"	17mmT4	PB,ML,ELONG,LARGE BNUC,MOD HISB MIDDLE,GMBM,PAIRS=7559A/B,R=G	
Sep 20 2003	31"	25mm	PB,PL,OVAL,BNUC,LARGE NUC,F* OFF ON EDGE 1 GAL DIA,MOD HISB,PAIRS/7559/7559A,R=G	
<b>H223-1</b>	<b>NGC 4026</b>	<b>UMa</b>	<b>Galaxy S0 sp</b>	<b>VB,CL,ME176,VSVMBMBN</b>
Feb 12 1983	12.5"	16mm	MB,PS,EDGE ON,DUST LANE SUSP,VBM,CENTRAL BULGE	
<b>H223-2</b>	<b>NGC 777</b>	<b>Tri</b>	<b>Galaxy E1</b>	<b>PB,PL,R,GLBM</b>
Aug 25 1982	12.5"	16mm	SAME	
Oct 22 1982	12.5"	16mm	SEEMS LIKE AN E2 GAL,MB,MS,HISB TOWARDS MID,PAIR/778	
Oct 31 1980	12.5"	24mm	PAIR/750	
Sep 23 1981	12.5"	16mm	DIF,R,SMBM,DIF HALO	
<b>H223-3</b>	<b>NGC 171</b>	<b>Cet</b>	<b>Galaxy SB(r)ab</b>	<b>VF,PL,LE,2PB*SF</b>
Sep 24 1981	12.5"	16mm	EXT DIF,EF,VS,BLURR,FORMS EQ TRIANGLE WITH *S SAME MAGNITUDE	
<b>H224-1</b>	<b>NGC 4085</b>	<b>UMa</b>	<b>Galaxy SAB(s)j?c?</b>	<b>B,PL,ME78,VSBM</b>
Feb 12 1983	12.5"	24mm	DIF,PF,ML,EDGE ON,UB,NND,PAIR/4088	
Mar 06 2003	12.5"	9mmT6	MB,VL,EDGE ON,UB,NND,PAIR=4088,R=G	
<b>H224-2</b>	<b>NGC 404</b>	<b>And</b>	<b>Galaxy SA(s)0-</b>	<b>PB,CL,R,GBM,</b>
Aug 19 1980	12.5"	24mm		
Aug 31 1984	12.5"	12mm	VF,MS,FNUC,F*NW 1 GAL DIA,OVAL-R,SBM,KEEP BETA OUT OF FIELD	
Jul 11 1980	12.5"	24mm	VERY CLOSE TO B*	
Sep 10 1980	12.5"	24mm		
Sep 20 1981	12.5"	24mm		
Sep 23 1981	12.5"	16mm	F* TO NE 2 GAL DIA AWAY,BM,KEEP BETA OUT OF FIELD,DIM NUC,MF,MS	
<b>H225-1</b>	<b>NGC 4102</b>	<b>UMa</b>	<b>Galaxy SAB(s)b?</b>	<b>B,PS,R,BMBN,*12SPVNR</b>
Feb 12 1983	12.5"	16mm	MB,PS,BNUC,R,BM,F* (13 MAG) W EDGE,F* FARTHER E	
Mar 06 2003	12.5"	9mmT6	PB,ML,OVAL,BNUC,HISB,LARGE HISB NUC,F* OFF ONE EDGE,R=G	
<b>H225-2</b>	<b>NGC 890</b>	<b>Tri</b>	<b>Galaxy SAB(r)0-?</b>	<b>B,S,R,BM,3F*SP</b>
Aug 25 1982	12.5"	16mm	APPEARS AS E2 GALAXY,MOD HISB TOWARDS CENTER	
Sep 18 1980	12.5"	24mm		
Sep 23 1981	12.5"	16mm	MF,PS,F*W SIDE,SBM,R	
<b>H225-3</b>	<b>NGC 2124</b>	<b>Lep</b>	<b>Galaxy SA(s)b?</b>	<b>EEF,PS,E,R</b>
Nov 22 2006	12.5"	12mmT4	MF,ML,EDGE ON,UB,NND,THIN SLIVER,R=G	

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<b>H225-3</b>	<b>NGC 2124</b>	<b>Lep</b>	<b>Galaxy SA(s)b?</b>	<b>EEF,PS,E,R</b>
Nov 22 2006	12.5" 12mmT4	MF,ML,EDGE ON,UB,NND,THIN SLIVER,R=G		
<b>H226-1</b>	<b>NGC 3631</b>	<b>UMa</b>	<b>Galaxy SA(s)c</b>	<b>PB,L,R,SVMBMRN</b>
Mar 15 1985	12.5" 16mm	MB,ML,FNUC,FACE ON,SBM,SMALL NUC,SPR STR DET,2 *S OUTER ARMS		
Oct 22 1982	12.5" 16mm	DIF,VF,MS,PATCHY,OVAL,STELL NUC		
<b>H226-2</b>	<b>NGC 7678</b>	<b>Peg</b>	<b>Galaxy SAB(rs)c</b>	<b>VF,PL,VLE,LBM,AM4ST</b>
Jul 29 1981	12.5" 12mm	DIF,MF,PS,FAINT HALO,3*S APPROX 11TH MAG		
Sep 10 1980	12.5" 24mm	3B*S IN GAL		
Sep 21 1984	12.5" 16mm	SAME,DIF,PF,MS,UB,NND		
<b>H226-3</b>	<b>NGC 7671</b>	<b>Peg</b>	<b>Galaxy SA0:</b>	<b>PB,S,R,VSMBM,*9P</b>
Nov 24 2006	12.5" 12mmT4	MB,ML,OVAL,LARGE BNUC,MOD HISB MIDDLE,PAIR=7672,R=G		
<b>H227-1</b>	<b>NGC 3780</b>	<b>UMa</b>	<b>Galaxy SA(s)c:</b>	<b>PF,L,VLE,VGBM,R</b>
Mar 15 1985	12.5" 16mm	DIF,MF,PL,F* E TIP,NND,UB,OVAL,PATCH		
<b>H227-2</b>	<b>NGC 7817</b>	<b>Peg</b>	<b>Galaxy SABc: sp</b>	<b>PF,CL,ME45,LBM</b>
Sep 25 2003	31" 17mmT4	EF,EL,EDGE ON,UB,NND,HISB,F* IN GAL BY NUC,KNTS SUSP,R=E		
<b>H227-3</b>	<b>NGC 827</b>	<b>Cet</b>	<b>Galaxy S?</b>	<b>VF,S,E,BM, AM ST</b>
Sep 25 2003	31" 17mmT4	PB,PL,ELONG,EDGE ON,UB,NND,SHISB,R=G		
<b>H228-1</b>	<b>NGC 3898</b>	<b>UMa</b>	<b>Galaxy SA(s)ab</b>	<b>B,PL,LE,SVMBM</b>
Feb 12 1983	12.5" 16mm	MB,PL,ELONG,BNUC,VMBM		
Mar 15 1985	12.5" 12mm	PB,ML,BNUC,HISB,BM,R-OVAL,PAIR/3888		
<b>H228-2</b>	<b>NGC 678</b>	<b>Ari</b>	<b>Galaxy SB(s)b: sp</b>	<b>PB,S,IR,MBM,P OF 2</b>
Oct 22 1982	12.5" 16mm	DIF,MF,PS,EDGE ON,GBM,CLOSE PAIR/680		
Sep 23 2003	31" 17mmT4	VF,VL,ELONG TO EDGE ON,LARGE BRT NUC,DUST LANE SUSP,HISB,PAIR=680,R=E		
<b>H229-1</b>	<b>NGC 3998</b>	<b>UMa</b>	<b>Galaxy SA(r)0^?</b>	<b>CB,PS,R,VG,SMBM</b>
Feb 12 1983	12.5" 16mm	MB,MS,BNUC,R,VMBM,FAINT COMP (3990),FORMS TRI WITH 3982		
Mar 15 1985	12.5" 12mm	PB,MS,BNUC,R,COMP TO W = 3990		
<b>H229-2</b>	<b>NGC 680</b>	<b>Ari</b>	<b>Galaxy E+ pec:</b>	<b>PB,S,IR,MBM,F OF 2</b>
Oct 22 1982	12.5" 16mm	MF,PS,VMBM,R,CLOSE PAIR/678		
Sep 23 2003	31" 17mmT4	VB,PL,R,LARGE BRT NUC,GMBM,FAINT ARMS,HISB,PAIR=680,COMP DET NOT ID,R=G		
<b>H230-1</b>	<b>NGC 5422</b>	<b>UMa</b>	<b>Galaxy S0 sp</b>	<b>PB,S,PME45,VSVMBMN</b>
Mar 06 2003	12.5" 9mmT6	PB,ML,EDGE ON,BNUC,HISB,LARGE BRT NUC,MOD HISB MIDDLE,R=G		
<b>H230-2</b>	<b>NGC 7769</b>	<b>Peg</b>	<b>Galaxy (R)SA(rs)b</b>	<b>PF,PS,R,MBM</b>
Sep 10 1980	12.5" 32mm	NICE PAIR OF GAL		
Sep 21 1984	12.5" 16mm	DIF,MF,MS,SBM,F* SW 1 GAL DIA,MOD HISB,PAIR/7771/7770		
<b>H230-3</b>	<b>NGC 7469</b>	<b>Peg</b>	<b>Galaxy (R')SAB(rs)a</b>	<b>VF,VS,VSMBM *12</b>
Jul 07 1981	12.5" 24mm	DIF,EF,ES,EXT FAINT HALO		
Oct 06 2004	31" 17mmT4	MF,PS,OVAL,SMALL BNUC,F* AND B* IN GAL,SMBM,PAIR=IC5283,R=F		
Sep 21 1984	12.5" 16mm	DIF,VF,VS,R,SLIGHT PATCH,VMBM,VERY FAINT HALO		
<b>H231-1</b>	<b>NGC 5473</b>	<b>UMa</b>	<b>Galaxy SAB(s)0-:</b>	<b>PB,S,R,GBM</b>
Jun 11 1983	12.5" 20mm	MB,PS,BNUC,BETWEEN 2 F*S E&W,R,SBM,CLOSE TO M101 (NORTH)		
Mar 06 2003	12.5" 9mmT6	PB,ML,R,BNUC,MOD HISB,R=G		
Mar 27 1981	12.5" 24mm			
<b>H231-2</b>	<b>NGC 7771</b>	<b>Peg</b>	<b>Galaxy SB(s)a</b>	<b>PB,PL,E84,BM,N OF 2</b>
Sep 21 1984	12.5" 16mm	DIF,MF,MS,ELONG,SBM,NO *S,PAIR/7769/7770		
<b>H231-3</b>	<b>NGC 7778</b>	<b>Psc</b>	<b>Galaxy E</b>	<b>CF,S,R,PSBM,1ST OF 4</b>
Sep 27 1981	12.5" 16mm	CLOSE PAIR/7782,2 OF 4 COMP		
<b>H232-1</b>	<b>NGC 5485</b>	<b>UMa</b>	<b>Galaxy SA0 pec</b>	<b>CB,R,VGBM,F OF 2</b>
Mar 06 2003	12.5" 9mmT6	PB,PL,PATCH,MOD HISB,SGBM,PAIR/5486/5484,R=G		

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<b>H232-1</b>	<b>NGC 5485</b>	<b>UMa</b>	<b>Galaxy SA0 pec</b>	<b>CB,R,VGBM,F OF 2</b>
Mar 06 2003	12.5"	9mmT6	PB,PL,PATCH,MOD HISB,SGBM,PAIR/5486/5484,R=G	
Mar 27 1981	12.5"	24mm		
<b>H232-2</b>	<b>NGC 7798</b>	<b>Peg</b>	<b>Galaxy S</b>	<b>PF,S,R,SBM,*10SP</b>
Oct 01 2005	31"	17mmT4	VB,PL,R,HISB,SPR STR DET,VERY SMALL STELLAR BNUC,SN?,R=E	
<b>H232-3</b>	<b>NGC 7779</b>	<b>Psc</b>	<b>Galaxy (R')SA0/a:</b>	<b>PF,S,R,PSBM,2ND OF 4</b>
Sep 27 1981	12.5"	16mm	CLOSE PAIR/7782,3 OF 4 COMP	
<b>H233-1</b>	<b>NGC 3448</b>	<b>UMa</b>	<b>Galaxy I0</b>	<b>B,PL,ME67,GBM</b>
Apr 07 2008	31"	17mmT4	VF,VL,ELONG,LARGE BNUC,HISB,GOOD DEF,DUST AREA DET,CENTRAL BULGE,BROKEN,R=E	
Mar 15 1985	12.5"	16mm	DIF,VF,MS,EDGE ON,UB,SLIGHTLY ELONG,NND,BETWEEN A TRI OF VERY F*S	
<b>H233-2</b>	<b>NGC 7332</b>	<b>Peg</b>	<b>Galaxy S0 pec sp</b>	<b>CB,S,ME156,SMBMN,P-2</b>
Aug 10 2002	12.5"	12mm	SAME	
Jul 06 1983	12.5"	16mm	MF,MS,EDGE ON,BNUC,CLOSE PAIR/7339,MINATURE M104,BRT BULGE,TAPPED ENDS	
Jul 07 1981	12.5"	16mm	DIF,MB,ML,FAINT HALO,FAINT COMP CLOSE BY	
Jul 11 1980	12.5"	24mm	LOC BETWEEN 2B*S	
Jul 12 1980	12.5"	24mm		
Jul 15 1980	12.5"	24mm		
Jul 29 1981	12.5"	16mm	EDGE ON,GMBM	
Sep 07 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 14 2012	36"	17mmT4	VB,VL,EDGE ON,SMALL BNUC,EXCELLENT PAIR,CENTRAL BULGE,GMBM,HISB MIDDLE,PAIR=7339,R=E	
Sep 18 1982	12.5"	16mm	MB,ML,EDGE ON,BNUC,GMBM,TAPPED,PAIR/7339	
Sep 21 1984	12.5"	12mm	SAME,NO *S	
<b>H233-3</b>	<b>NGC 7782</b>	<b>Psc</b>	<b>Galaxy SA(s)b</b>	<b>PF,PL,LE,GLBM,4THOF4</b>
Sep 27 1981	12.5"	16mm	DIF,MF,MS,ELONG,NUC SUSP,SBM,1 OF 4 COMP	
<b>H234-1</b>	<b>NGC 4500</b>	<b>UMa</b>	<b>Galaxy SB(s)a</b>	<b>B,CS,E,PGBM,*9F50"</b>
Feb 04 2005	31"	17mmT4	PB,MS,ELONG,SMALL BNUC,HISB MIDDLE,BM,TAPPED ENDS,R=G	
<b>H234-2</b>	<b>NGC 7339</b>	<b>Peg</b>	<b>Galaxy SAB(s)bc:?</b>	<b>F,PS,ME89,VGLBM,FOF2</b>
Aug 10 2002	12.5"	12mm	SAME	
Jul 06 1983	12.5"	16mm	DIF,MF,PS,EDGE ON,CLOSE PAIR/7332,UB,NND,MOD HISB	
Jul 12 1980	12.5"	24mm	CLOSE TO 7332,FAINT	
Jul 29 1981	12.5"	16mm	GOOD PAIR/7332,DIF,EDGE ON,SOMEWHAT BM,	
Sep 14 2012	36"	17mmT4	PB,VL,EDGE ON,UB,NND,EXCELLENT PAIR,SOMEWHAT IRR EDGE ON,PAIR=7332,R=E	
Sep 18 1982	12.5"	16mm	DIF,PF,ML,EDGE ON,NND,UB,PAIR/7332	
Sep 21 1984	12.5"	12mm	SAME,NO *S	
<b>H235-1</b>	<b>NGC 5585</b>	<b>UMa</b>	<b>Galaxy SAB(s)d</b>	<b>PF,L,IR,VGMBM,R</b>
Jun 01 2003	12.5"	9mmT6	VDIF,VF,VL,OVVAL,PATCH,NND,PATCH AREA'S IN VARIOUS PARTS DETECTED,R=F	
<b>H235-2</b>	<b>NGC 7556</b>	<b>Psc</b>	<b>Galaxy S0-</b>	<b>CF,PL,R,B** F</b>
Sep 17 2009	31"	17mmT4	MB,ML,OVVAL,LARGE BNUC,MOD HISB MIDDLE,PAIRS=7544/MAC'S,R=G	
<b>H236-1</b>	<b>NGC 5631</b>	<b>UMa</b>	<b>Galaxy SA(s)0^</b>	<b>B,S,R,PSBMN</b>
Jun 01 2003	12.5"	9mmT6	PB,ML,ELONG,BNUC,SHISB,HALO-ARMS,SMALL BRFT NUC,STELLAR LIKE,GMBM,R=G	
Jun 11 1983	12.5"	20mm	MF,VS,BNUC,SEVERAL F*S TO N,R,GBM,BARREN AREA TO SOUTH	
<b>H236-2</b>	<b>NGC 7585</b>	<b>Aqr</b>	<b>Galaxy (R')SA(s)0+ pec</b>	<b>PB,PS,IR,GBM</b>
Nov 11 2009	31"	17mmT4	VB,VL,OVVAL,LARGE BNUC,MOD HISB,SMALL TIGHT VB NUC,GRADUALLY BM,R=E	
Sep 10 1980	12.5"	24mm		
<b>H236-3</b>	<b>NGC 2764</b>	<b>Cnc</b>	<b>Galaxy S0:</b>	<b>CF,VS,R,ER,BET2PB*</b>

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<b>H236-3</b>	<b>NGC 2764</b>	<b>Cnc</b>	<b>Galaxy S0:</b>	<b>CF,VS,R,ER,BET2PB*</b>
Feb 21 1984	12.5" 12mm		SAME,LOC BET 2F*S,VDIF,VF,VS	
Oct 24 1981	12.5" 12mm		EEDIF,EF,VS,NND,PATCHY,POORLY DEFINED,ROUND OVAL SHAPE	
<b>H237-1</b>	<b>NGC 5678</b>	<b>Dra</b>	<b>Galaxy SAB(rs)b</b>	<b>B,L,LE0,VGMBM</b>
Apr 14 2004	31" 17mmT4		VB,VL,OVAL,SHISB,GRADUALLY BM,MOD HISB MIDDLE,PAIR=PGC51922,R=G	
Jul 22 1981	12.5" 16mm		OBLONG,SMBM,DIF,DNUC,FAINT HALO	
<b>H237-2</b>	<b>NGC 958</b>	<b>Cet</b>	<b>Galaxy SB(rs)c:</b>	<b>PF,ILE,BM</b>
Sep 18 1980	12.5" 24mm			
Sep 27 1981	12.5" 16mm		DIF,ELONG,NND,F*1 GAL DIA TO N,UB	
<b>H237-3</b>	<b>NGC 7321</b>	<b>Peg</b>	<b>Galaxy SB(r)b</b>	<b>F,S,IR,VGVLBM</b>
Sep 17 2003	31" 25mm		PB,PL,ELONG,BNUC,MHISB,LARGE CENTRAL NUC,F*ON EDGE,CLOSE PAIR=69282,R=G	
<b>H238-2</b>	<b>NGC 1003</b>	<b>Per</b>	<b>Galaxy SA(s)cd</b>	<b>PF,L,E90,MBM,R</b>
Aug 17 1982	12.5" 16mm		DIF,PF,MS,ELONG,F* IN EASTERN PART,NND,PATCHY	
<b>H238-3</b>	<b>NGC 7570</b>	<b>Peg</b>	<b>Galaxy SBa</b>	<b>EF,ES</b>
Oct 01 2005	31" 17mmT4		MF,MS,OVAL,LARGE BNUC,SOMEWHAT HISB MIDDLE,R=F	
<b>H239-1</b>	<b>NGC 5379</b>	<b>UMa</b>	<b>Galaxy S0</b>	<b>PB,PS,E,MBM</b>
May 16 2004	31" 17mmT4		DIF,MF,ML,OVAL,PATCH,NND,SOMEWHAT BM,PAIRS=5389/5376/P49512,R=F	
<b>H239-2</b>	<b>NGC 1161</b>	<b>Per</b>	<b>Galaxy S0</b>	<b>F,PS,LE,SBM</b>
Aug 17 1982	12.5" 16mm		MF,PS,BNUC,2B*S JUST OFF TO W TIP,R,GBM,MOD HISB,PAIR/1160	
<b>H240-1</b>	<b>NGC 5389</b>	<b>UMa</b>	<b>Galaxy SAB(r)0/a:?</b>	<b>PB,PL,E,MBMN</b>
May 16 2004	31" 17mmT4		PB,PL,ELONG,LARGE BNUC,MOD HISB,GMBM,TAPPED ARMS,PAIRS=5379/5376/P49512,R=E	
<b>H240-2</b>	<b>NGC 7814</b>	<b>Peg</b>	<b>Galaxy SA(s)ab: sp</b>	<b>CB,CL,E,VGBM</b>
Jul 07 1981	12.5" 24mm		DIF,MF,ML,VERY FAINT HALO	
Sep 10 1980	12.5" 24mm			
Sep 21 1984	12.5" 16mm		MB,PL,ELONG,LARGE SOFT NUC,HISB,NO *S	
<b>H240-3</b>	<b>NGC 1979</b>	<b>Lep</b>	<b>Galaxy SA0:</b>	<b>VF,VS,STELLAR</b>
Nov 22 2006	12.5" 12mmT4		MB,MS,R,LARGE BNUC,MOD HISB MIDDLE,R=G	
<b>H241-1</b>	<b>NGC 3621</b>	<b>Hya</b>	<b>Galaxy SA(s)d</b>	<b>CB,VL,E160,AM4*</b>
Feb 12 1983	12.5" 24mm		VDIF,VF,ML,3B*S AROUND GAL,SBM,KNTS SUSP,OVAL-PATCHY	
<b>H241-2</b>	<b>NGC 57</b>	<b>Psc</b>	<b>Galaxy E</b>	<b>F,S,R,SBM</b>
Sep 27 2013	36" 17mmT4		PB,ML,R,LARGE BNUC,FAINT HALO,GMBM,HISB,R=G	
<b>H241-3</b>	<b>NGC 2073</b>	<b>Lep</b>	<b>Galaxy SA(rs)0-:</b>	<b>EF,VS,R,GBM</b>
Nov 22 2006	12.5" 12mmT4		MF,MS,R,LARGE FNUC,R=F	
<b>H242-1</b>	<b>NGC 2681</b>	<b>UMa</b>	<b>Galaxy (R')SAB(rs)0/a</b>	<b>VB,VL,VG,VSMBM*10</b>
Dec 03 1980	12.5" 24mm			
Mar 15 1985	12.5" 16mm		SAME	
Oct 16 1982	12.5" 16mm		MB,MS,R,GMBM,BNUC,2F*S W,1F* E	
<b>H242-2</b>	<b>NGC 7681</b>	<b>Peg</b>	<b>Galaxy S0^: sp</b>	<b>VF,S,IR,R,**F</b>
Sep 05 2007	31" 17mmT4		PB,ML,R,LARGE BNUC,HISB MIDDLE,GMBM,R=G	
<b>H243-1</b>	<b>NGC 4814</b>	<b>UMa</b>	<b>Galaxy SA(s)b</b>	<b>B,PS,VLE,VGBM</b>
Mar 26 2006	31" 17mmT4		MB,ML,OVAL,SBNUC,MHISB,GMBM,SMALL R NUC,HISB MIDDLE,R=G	
<b>H243-3</b>	<b>NGC 7436</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>F,PS,F*ATT P,GBM</b>
Sep 23 2003	31" 17mmT4		VF,PL,R,BRT STELL NUC,GMBM,5 GALAXIES INTERACTING,R=G	
<b>H244-1</b>	<b>NGC 3619</b>	<b>UMa</b>	<b>Galaxy (R)SA(s)0+:</b>	<b>CB,CL,R,VGMBM</b>
Mar 15 1985	12.5" 12mm		PF,MS,PATCHY,SMALL NUC,FAINTER THAN 3613,PAIR/3613	
Oct 22 1982	12.5" 16mm		R,DIF,MF,PS,FUZZY,SBM	
<b>H244-2</b>	<b>NGC 7711</b>	<b>Peg</b>	<b>Galaxy S0</b>	<b>F,S,R,PSBM,STELLAR</b>



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<b>H244-2</b>	<b>NGC 7711</b>	<b>Peg</b>	<b>Galaxy S0</b>	<b>F,S,R,PSBM,STELLAR</b>
Dec 03 2004	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,HISB MIDDLE,R=G	
<b>H245-1</b>	<b>NGC 3642</b>	<b>UMa</b>	<b>Galaxy SA(r)bc:</b>	<b>PB,PL,R,VGBM</b>
Mar 15 1985	12.5"	16mm	DIF,PF,PS,OVAL-PATCHY,SBM	
<b>H245-2</b>	<b>NGC 234</b>	<b>Psc</b>	<b>Galaxy SAB(rs)c</b>	<b>F,PS,ILE,BM</b>
Sep 28 2013	36"	17mmT4	MF,ML,OVAL,R,SMALL FNUC,GRANULAR AROUND HALO,SOMEWHAT MIDDLE,R=FG	HISB,MOD HISB
<b>H245-3</b>	<b>NGC 1187</b>	<b>Eri</b>	<b>Galaxy SB(r)c</b>	<b>PF,CL,PME,GBM*16,R</b>
Oct 24 1981	12.5"	12mm	DIF,MF,PL,F*IN GAL SUSP,L PATCH,OVAL,NNS IN 16MM	
Oct 31 1980	12.5"	24mm		
Sep 09 1980	12.5"	24mm		
<b>H246-1</b>	<b>NGC 3683</b>	<b>UMa</b>	<b>Galaxy SB(s)c?</b>	<b>CB,PL,E</b>
Mar 15 1985	12.5"	16mm	DIF,PF,PS,ELONG,UB,NND,NO *S,COMP TO NW = 3674	
<b>H246-2</b>	<b>NGC 877</b>	<b>Ari</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,PL,LE,PGBM,</b>
Oct 23 1982	12.5"	16mm	SAME	
Sep 10 1980	12.5"	24mm	N OF B* IN FOV	
Sep 23 2003	31"	17mmT4	VF,VL,OVAL,SMALL FNUC,SPR STR DET,PAIR=876,R=E	
Sep 24 1981	12.5"	24mm	NND,MF,MS,KNTY STR SUSP,13 MAG * IN S ARM	
<b>H246-3</b>	<b>NGC 1353</b>	<b>Eri</b>	<b>Galaxy SB(rs)b:</b>	<b>PB,CL,IE,MBM</b>
Oct 24 1981	12.5"	12mm	DIF,MF,PL,EDGE ON,F*N EDGE,UB,NND	
Oct 31 1980	12.5"	24mm	* AT EDGE OF GAL	
<b>H247-1</b>	<b>NGC 3690</b>	<b>UMa</b>	<b>Galaxy IBm pec</b>	<b>PB,PS,VLE80,PGBM</b>
Apr 03 2005	31"	17mmT4	VB,ML,OVAL,R,UB,NND,HISB,INTERACTING=IC694,PAIRS=PGC/MAC,R=G	
Apr 07 2008	31"	17mmT4	VB,PL,OVAL,UB,NND,HISB,PAIRS-IC694/PGC35345,R=G	
Mar 15 1985	12.5"	16mm	PF,PS,SLIGHTLY ELONG,2 NUC DET,INTERACTING GAL = IC 694,MOD HISB!!	
<b>H247-2</b>	<b>NGC 7177</b>	<b>Peg</b>	<b>Galaxy SAB(r)b</b>	<b>PB,PS,R,BMN,R,*SP</b>
Aug 10 2002	12.5"	9mmT6	VDIF,VF,PS,PATCHY,SLIGHTLY ELONG	
Aug 25 1982	12.5"	16mm	MB,PL,MOD HISB,F*S 1 GAL DIA,R,VMBM	
Jul 07 1981	12.5"	16mm	DIF,MF,PS,DIM HALO	
Jul 11 1980	12.5"	24mm		
Jul 15 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 21 1984	12.5"	16mm	MB,PL,BNUC,R,BM,4F*S IN A LOOP STARTING TOWARDS S,MOD HISB	
<b>H248-1</b>	<b>NGC 3894</b>	<b>UMa</b>	<b>Galaxy E4-5</b>	<b>B,PL,IR,PGMBM,P OF 2</b>
Mar 15 1985	12.5"	12mm	PF,MS,OVAL,SBM,PAIR/3895	
<b>H248-2</b>	<b>NGC 7280</b>	<b>Peg</b>	<b>Galaxy SAB(r)0+</b>	<b>F,CS,R,GBMS*,3*N,NF</b>
Sep 18 1982	12.5"	16mm	DIF,MF,PS,BNUC,TRI OF *S TO N,GMBM,DIF HALO	
<b>H248-3</b>	<b>NGC 1426</b>	<b>Eri</b>	<b>Galaxy E4</b>	<b>PF,S,LE,BM</b>
Oct 24 1981	12.5"	12mm	MF,MS,FNUC,SBM,R,PAIR/1439	
<b>H249-1</b>	<b>NGC 2742</b>	<b>UMa</b>	<b>Galaxy SA(s)c:</b>	<b>CB,CL,E90,ER</b>
Mar 06 2003	12.5"	9mmT6	VB,VL,OVAL,NND,MOD HISB,PATCHY,SPR STR SUSP,R=E	
Mar 15 1985	12.5"	16mm	DIF,PF,PS,PATCHY-OVAL,NND,UB,3F*S TO S 1 GAL DIA	
Oct 16 1982	12.5"	16mm	TRI OF 3F*S OFF TO E	
Oct 16 1982	12.5"	24mm	DIF,MF,ML,UB,OVAL,SAME 24MM FIELD W/2768	
<b>H249-2</b>	<b>NGC 7454</b>	<b>Peg</b>	<b>Galaxy E4</b>	<b>F,CS,LE,LBM,*11P1'</b>
Aug 20 2003	31"	25mm	VB,VL,BNUC,VERY HISB,LARGE SOFT NUC,R=E	
Jul 29 2003	31"	25mm	VB,VL,ELONG,BNUC,VHISB,SMALL BRT NUC,R=E	
Sep 21 1984	12.5"	16mm	DIF,VF,VS,2F*S ON OUTER EDGES TO NW,PATCH-OVAL,SBM,SN?	

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<b>H249-2</b>	<b>NGC 7454</b>	<b>Peg</b>	<b>Galaxy E4</b>	<b>F,CS,LE,LBM,*11P1'</b>
Sep 21 1984	12.5" 16mm		DIF,VF,VS,2F*S ON OUTER EDGES TO NW,PATCH-OVAL,SBM,SN?	
<b>H249-3</b>	<b>NGC 1439</b>	<b>Eri</b>	<b>Galaxy E1</b>	<b>F,PS,GPMBM</b>
Oct 24 1981	12.5" 12mm		DIF,PF,PS,SBM,R,STELL NUC,PAIR/1426	
<b>H250-1</b>	<b>NGC 2768</b>	<b>UMa</b>	<b>Galaxy E6:</b>	<b>CB,CL,LE,PSBMLBN</b>
Dec 03 1980	12.5" 24mm			
Mar 06 2003	12.5" 9mmT6		VB,VL,OVAL,BNUC,HISB,DUST EXPECTED,GMBM,STELL NUC,HISB MIDDLE,MOD HISB ARMS,R=E	
Mar 15 1985	12.5" 16mm		MB,PL,OVAL,PATCHY,MOD HISB TOWARDS MIDDLE,NO *S	
Oct 16 1982	12.5" 12mm		MB,ML,2F*S OFF TO S,2B*S ON BOTH SIDES,ELONG,MBM,TAPPERED,BNUC	
<b>H250-2</b>	<b>NGC 7625</b>	<b>Peg</b>	<b>Galaxy SA(rs)a pec</b>	<b>PB,CS,R,SMBM</b>
Jul 07 1981	12.5" 16mm		DIF,PF,ES,FAINT HALO,3*S 11 MAG SURROUND GAL	
Sep 10 1980	12.5" 24mm		FAINT,W OF B* IN FOV	
Sep 21 1984	12.5" 16mm		MB,PS,MOD HISB,PATCHY,UB	
<b>H250-3</b>	<b>NGC 470</b>	<b>Psc</b>	<b>Galaxy SA(rs)b</b>	<b>PB,L,IR</b>
Sep 07 1980	12.5" 24mm		EF,AVERTED VISION,COMP SUSP	
Sep 24 1981	12.5" 16mm		VDIF,MF,PS,PATCHY-OVAL,F*S TO N&S ON EDGE,F*S TO E,GAL TO E BY B*,PAIR/474	
<b>H251-1</b>	<b>NGC 3945</b>	<b>UMa</b>	<b>Galaxy (R)SB(rs)0+</b>	<b>B,PL,R,GMBM,R,*12SP</b>
Feb 12 1983	12.5" 16mm		MB,PS,BNUC,2F*S N,1*W,HISB,R,SBM	
Mar 15 1985	12.5" 12mm		PB,MS,BNUC,3F*S SURROUND OBJECT,R,VMBM,HISB MIDDLE	
<b>H251-2</b>	<b>NGC 7448</b>	<b>Peg</b>	<b>Galaxy SA(rs)bc</b>	<b>PB,L,E173,VGBM,*F2'</b>
Jul 07 1981	12.5" 24mm		DIF,MF,ML,FAINT ARM	
Jul 12 1980	12.5" 24mm			
Jul 15 1980	12.5" 24mm		PF,LOC BETWEEN 2F*S	
Sep 10 1980	12.5" 24mm			
Sep 21 1984	12.5" 12mm		MF,PL,ELONG,MOD HISB,BETWEEN 2*S,SBM,NO *S	
<b>H251-3</b>	<b>NGC 474</b>	<b>Psc</b>	<b>Galaxy SA(s)0^</b>	<b>PB,S,SMBM,F OF 2</b>
Sep 24 1981	12.5" 16mm		MF,VS,DNUC,SMBM,LINE OF 3*S TO E,PAIR/470 AND ANOTHER	
<b>H252-1</b>	<b>NGC 4041</b>	<b>UMa</b>	<b>Galaxy SA(rs)bc:</b>	<b>B,CL,R,G,PSVMBMRN</b>
Feb 12 1983	12.5" 16mm		MF,MS,DNUC,R,SBM,PAIR/4036	
Mar 06 2003	12.5" 9mmT6		VB,PL,R,HISB,VERY LARGE NUC,VF* SUSP IN GAL,SMALL AREA (RING),FAINT ARMS,R=E	
<b>H252-2</b>	<b>NGC 514</b>	<b>Psc</b>	<b>Galaxy SAB(rs)c</b>	<b>F,L,LE,VGLBM,**F</b>
Oct 31 1980	12.5" 24mm		VDIF,SIMILAR TO M33	
Sep 24 1981	12.5" 16mm		PDIF,VF,VL,E OF B*,F* W SIDE,F* TO S SEVERAL GAL DIA,PATCHY,NND,UB	
<b>H252-3</b>	<b>NGC 488</b>	<b>Psc</b>	<b>Galaxy SA(r)b</b>	<b>PB,L,R,SVMBM,*8F10'</b>
Oct 29 1980	8" 24mm			
Oct 31 1980	12.5" 24mm			
Sep 07 1980	12.5" 24mm		B* CLOSE	
Sep 24 1981	12.5" 16mm		MB,ML,BNUC,VMBM,R,HISB,LINE OF 5*S TO S	
<b>H253-1</b>	<b>NGC 4036</b>	<b>UMa</b>	<b>Galaxy S0-</b>	<b>VB,VL,E</b>
Feb 12 1983	12.5" 16mm		MB,PL,EDGE ON,BNUC,CENTRAL BULGE,DUST LANE SUSP,BM,PAIR/4041	
Mar 06 2003	12.5" 9mmT6		VB,VL,BNUC,VBM,LARGE BRT NUC,HISB MIDDLE,TAPPERED ENDS,R=E	
<b>H253-2</b>	<b>NGC 660</b>	<b>Psc</b>	<b>Galaxy SB(s)a pec</b>	<b>PB,PL,E,BM,R</b>
Sep 04 2002	12.5" 9mmT6		DIF,MF,PL,IRR IN SHAPE,KNTS SUSP,NND,PATCH	
<b>H253-3</b>	<b>NGC 520</b>	<b>Psc</b>	<b>Galaxy Pec</b>	<b>F,CL,E137</b>
Oct 29 1980	8" 24mm			
Oct 31 1980	12.5" 24mm			
Sep 07 1980	12.5" 24mm		EF,AVERTED VISION	

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<b>H253-3</b>	<b>NGC 520</b>	<b>Psc</b>	<b>Galaxy Pec</b>	<b>F,CL,E137</b>
Sep 07 1980	12.5"	24mm	EF,AVERTED VISION	
Sep 24 1981	12.5"	16mm	DIF,MF,ML,ELONG,NNS,UB,PATCHY AND KNTY STR SUSP,BRIGHTER IN 24MM	
<b>H254-1</b>	<b>NGC 4605</b>	<b>UMa</b>	<b>Galaxy SB(s)c pec</b>	<b>B,L,VME118,GLBM</b>
Mar 26 2006	31"	17mmT4	EB,VL,ELONG,UB,HISB PATCHES DET,* OFF ONE SIDE,CENTRAL BULGE,R=E	
<b>H254-2</b>	<b>NGC 1134</b>	<b>Ari</b>	<b>Galaxy S?</b>	<b>F,S,IR,R</b>
Oct 23 1982	12.5"	16mm	MV,MS,F*E EDGE,HISB,OVAL	
Sep 25 2003	31"	17mmT4	VB,VL,ELONG,VERY LARGE BNUC,GMBM,SHISB,PAIRS/10907/IC267,R=G	
<b>H254-3</b>	<b>NGC 3044</b>	<b>Sex</b>	<b>Galaxy SB(s)c? sp</b>	<b>VF,VL,VME122</b>
Feb 09 2013	36"	17mmT4	VF,VL,EDGE ON,NND,PA~110,SLIGHTLY TAPPED ENDS,HISB BUILDS TOWARDS MIDDLE,R=E	
<b>H255-1</b>	<b>NGC 5308</b>	<b>UMa</b>	<b>Galaxy S0- sp</b>	<b>B,PL,ME57,PSBMBEN</b>
Apr 03 2005	31"	17mmT4	PF,PL,EDGE ON,LARGE BNUC,HISB MIDDLE,DUST SUSP,TAPPED ENDS,BULGE,R=E	
<b>H255-2</b>	<b>NGC 7742</b>	<b>Peg</b>	<b>Galaxy SA(r)b</b>	<b>CB,CS,GMBM,*12F72"</b>
Jul 07 1981	12.5"	24mm	DIF,VF,MS,FAINT HALO	
Sep 10 1980	12.5"	24mm		
Sep 21 1984	12.5"	16mm	DIF,PF,MS,F* TO W SIDE,R,PATCHY,SBM	
<b>H255-3</b>	<b>NGC 3156</b>	<b>Sex</b>	<b>Galaxy S0:</b>	<b>F,CS,R,PSBM,*9,10SF2</b>
Nov 24 2006	12.5"	12mmT4	PB,ML,ELONG,OVAL,SMALL BNUC,MOD HISB,R=G	
<b>H256-1</b>	<b>NGC 5322</b>	<b>UMa</b>	<b>Galaxy E3-4</b>	<b>VB,PL,IR,PSMBM</b>
Apr 03 2005	31"	17mmT4	VB,VL,ELONG,OVAL,LARGE BNUC,HISB MIDDLE,* OR COMP OFF NUC,F* ON EDGE,SN?,R=E	
Feb 12 1983	12.5"	16mm	VB,ML,BNUC,R,BM,2F*S OFF IN A LINE	
<b>H256-2</b>	<b>NGC 7743</b>	<b>Peg</b>	<b>Galaxy (R)SB(s)0+</b>	<b>PF,S,R,*14SF</b>
Jul 07 1981	12.5"	24mm	DIF,VF,MS,FAINT HALO, A F* IS BY THE GAL	
Sep 10 1980	12.5"	24mm		
Sep 21 1984	12.5"	16mm	DIF,PF,PS,F* IN S ARM,R,SBM,SMALL NUC	
<b>H256-3</b>	<b>NGC 2555</b>	<b>Hya</b>	<b>Galaxy SB(rs)ab</b>	<b>VF,CS,IF(35*INV)</b>
Mar 08 2013	36"	17mmT4	MB,MS,OVAL,LARGE FNUC,F* OFF NUC,GMBB,R=FG	
<b>H257-2</b>	<b>NGC 95</b>	<b>Psc</b>	<b>Galaxy SAB(rs)c pec</b>	<b>F,PL,R,GBM</b>
Sep 24 1981	12.5"	16mm	VDIF,VF,VS,F* TO E 1 GAL DIA,NEC SUSPECTED,PATCHY	
<b>H258-1</b>	<b>NGC 1491</b>	<b>Per</b>	<b>Nebula E</b>	<b>VB,S,IF,BM,R,*INV</b>
Aug 10 2002	12.5"	25mm	PB,PL,MOD HISB,IRR IN SHAPE,BRT NEBULA,LARGE PATCH	
<b>H258-2</b>	<b>NGC 1232</b>	<b>Eri</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,CL,R,GBM,R</b>
Oct 24 1981	12.5"	12mm	DIF,MF,PL,VF* W 1 GAL DIA,R,SPR STR SUSP,NND	
Oct 31 1980	12.5"	24mm		
Sep 09 1980	12.5"	24mm		
<b>H260-1</b>	<b>NGC 2880</b>	<b>UMa</b>	<b>Galaxy SB0-</b>	<b>B,CS,R,MBM,AM ST</b>
Apr 14 2004	31"	17mmT4	PB,ML,R,LARGE BNUC,HISB,GRADUADLY MBM,PAIR=PGC26940,R=G	
Mar 15 1985	12.5"	12mm	DIF,PF,VS,OVAL-R,BM,LINE OF F*S TO N,B* OFF TO E	
<b>H260-2</b>	<b>NGC 2916</b>	<b>Leo</b>	<b>Galaxy SA(rs)b?</b>	<b>F,S,VLE</b>
Jan 20 2004	31"	17mmT4	PB,PL,ELONG,LARGE BNUC,MOD HISB,BRT REGION OR * IN GAL,ARMS,PATCHY AREAS,R=E	
<b>H260-3</b>	<b>NGC 863</b>	<b>Cet</b>	<b>Galaxy Sa</b>	<b>VF,R,BM,STELLAR</b>
Oct 12 2007	31"	17mmT4	MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,F* OFF SIDE,R=G	
<b>H261-1</b>	<b>NGC 1931</b>	<b>Aur</b>	<b>Open Cluster I 3 p n</b>	<b>VB,L,R,B***IN M</b>
Aug 21 1982	12.5"	16mm	MF,PS,3F*S IN CENTER,GBM,OVAL,BRIGHT CENTRAL REGION	
<b>H261-2</b>	<b>NGC 7137</b>	<b>Peg</b>	<b>Galaxy SAB(rs)c</b>	<b>F,PS,R,VGLBM,R</b>
Aug 25 1982	12.5"	16mm	VF,MS,MOD HISB,OVAL-PATCH	

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<b>H261-2</b>	<b>NGC 7137</b>	<b>Peg</b>	<b>Galaxy SAB(rs)c</b>	<b>F,PS,R,VGLBM,R</b>
Aug 25 1982	12.5" 16mm	VF,MS,MOD HISB,OVAL-PATCH		
Jul 07 1981	12.5" 16mm	DIF,PF,ES,VERY FAINT HALO		
Sep 10 1980	12.5" 24mm			
Sep 21 1984	12.5" 16mm	DIF,MF,MS,R-OVAL,UB,MAYBE SMB,NO *S		
<b>H261-3</b>	<b>NGC 941</b>	<b>Cet</b>	<b>Galaxy SAB(rs)c</b>	<b>VF,CL,R,F OF 2</b>
Sep 18 1980	12.5" 24mm			
Sep 27 1981	12.5" 16mm	DIF,PF,PL		
Sep 27 1981	12.5" 24mm	VDIF,OVAL,SBM,NND,PAIR/936		
<b>H262-1</b>	<b>NGC 3682</b>	<b>Dra</b>	<b>Galaxy SA(s)0/a?</b>	<b>CB,S,IR,SPMBMN</b>
Apr 03 2005	31" 17mmT4	PB,MS,ELONG,LARGE BNUC,HISB MIDDLE,R=G		
<b>H263-1</b>	<b>NGC 4128</b>	<b>Dra</b>	<b>Galaxy SA0: sp</b>	<b>CB,LE,BM</b>
Mar 06 2003	12.5" 9mmT6	MB,MS,ELONG,FNUC,SMALL BRT NUC,MOD HISB MIDDLE,R=F		
<b>H263-3</b>	<b>NGC 1409</b>	<b>Tau</b>	<b>Galaxy SAB0: pec</b>	<b>EF,STELLAR OR LE</b>
Nov 20 2003	31" 17mmT4	DIF,MF,PS,OVAL,PATCH,UB,NND,ATTACHED TO NGC1410,R=F		
<b>H264-1</b>	<b>NGC 4250</b>	<b>Dra</b>	<b>Galaxy SAB(r)0+</b>	<b>PB,S,R,PGBM</b>
Feb 04 2005	31" 17mmT4	PB,ML,R,LARGE BNUC,HISB MIDDLE,GMBM,R=G		
<b>H264-2</b>	<b>NGC 2139</b>	<b>Lep</b>	<b>Galaxy SAB(rs)cd</b>	<b>F,S</b>
Nov 22 2006	12.5" 12mmT4	MF,MS,OVAL,PATCH,UB,NND,SOMEWHAT HISB,R=G		
Oct 05 2002	12.5" 9mmT6	VDIF,MF,PL,PATCH,OVAL,F* OFF ONE SIDE		
<b>H265-1</b>	<b>NGC 3182</b>	<b>UMa</b>	<b>Galaxy SA(r)a?</b>	<b>CB,CL,IR,VGBM</b>
Apr 23 2003	12.5" 9mmT6	MB,PL,OVAL,BNUC,SHISB,LARGE BRT NUC AREA,R=G		
<b>H265-2</b>	<b>NGC 2196</b>	<b>Lep</b>	<b>Galaxy (R')SA(s)a</b>	<b>PF,PS,VLE,PMBM,ST NR</b>
Dec 03 1980	12.5" 24mm			
Oct 05 2002	12.5" 9mmT6	DIF,PF,PL,FNUC,OVAL,SBM		
<b>H265-3</b>	<b>NGC 755</b>	<b>Cet</b>	<b>Galaxy SB(rs)b?</b>	<b>VF,PS,VLE</b>
Nov 22 2006	12.5" 12mmT4	MB,ML,ELONG,PATCH,UB,NND,R=G		
<b>H266-1</b>	<b>NGC 3206</b>	<b>UMa</b>	<b>Galaxy SB(s)cd</b>	<b>PB,CL,E,VGLBM</b>
Apr 23 2003	12.5" 9mmT6	DIF,VF,FL,OVAL,R,PATHC,UB,NND,R=G		
Mar 15 1985	12.5" 16mm	NO FIND,CIRCLES HOT		
<b>H266-2</b>	<b>NGC 2613</b>	<b>Pyx</b>	<b>Galaxy SA(s)b</b>	<b>CB,L,VME110</b>
Oct 22 1982	12.5" 16mm	VDIF,VF,MS,ELONG,F FIELD *S AROUND OBJECT,NND,UB		
<b>H266-3</b>	<b>NGC 731</b>	<b>Cet</b>	<b>Galaxy E+:</b>	<b>EF,STELLAR</b>
Nov 22 2006	12.5" 12mmT4	MB,MS,R,LARGE BNUC,HISB MIDDLE,BM,R=G		
<b>H267-1</b>	<b>NGC 3445</b>	<b>UMa</b>	<b>Galaxy SAB(s)m</b>	<b>CB,PL,IR,VGLBM,*NF2'</b>
Feb 05 2005	31" 17mmT4	PB,ML,OVAL,PATCH,UB,NND,MOD HISB,PAIR=PGC32784,R=G		
Mar 15 1985	12.5" 16mm	DIF,PF,MS,BNUC,MOD HISB,OVAL-R,F* CLOSE BY,UB,3458 IN SAME FOV		
<b>H267-2</b>	<b>NGC 1415</b>	<b>Eri</b>	<b>Galaxy (R)SAB(s)0/a</b>	<b>PB,S,LE,PGLBM,*SF</b>
Oct 24 1981	12.5" 12mm	DIF,MF,MS,R,GBM,MOD HISB		
<b>H267-3</b>	<b>NGC 2076</b>	<b>Lep</b>	<b>Galaxy S0+: sp</b>	<b>VF,PS,IE,BM</b>
Nov 22 2006	12.5" 12mmT4	PF,ML,OVAL,PATCH,UB,NND,R=F		
<b>H268-1</b>	<b>NGC 3458</b>	<b>UMa</b>	<b>Galaxy SAB0:</b>	<b>VB,VS,R,STELLAR</b>
Mar 15 1985	12.5" 16mm	MF,PS,BNUC,R,BM,STELL NUC,3445 IN SAME FOV		
<b>H268-2</b>	<b>NGC 3078</b>	<b>Hya</b>	<b>Galaxy E2-3</b>	<b>PB,S,R,MBM</b>
Mar 29 2006	31" 17mmT4	MB,MS,OVAL,LARGE BNUC,* OFF NUC,GMBM,HISB MIDDLE,R=G		
<b>H269-1</b>	<b>NGC 3488</b>	<b>UMa</b>	<b>Galaxy SB(s)c:</b>	<b>EF OR CB,VLE,PS,*13S</b>
Apr 03 2005	31" 17mmT4	PB,ML,OVAL,LARGE FNUC SUSP,SOMEWHAT BM,R=G		
<b>H269-2</b>	<b>NGC 3585</b>	<b>Hya</b>	<b>Galaxy E6</b>	<b>B,PL,E,VSMBMN,2B*TRI</b>

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<b>H269-2</b>	<b>NGC 3585</b>	<b>Hya</b>	<b>Galaxy E6</b>	<b>B,PL,E,VSMBMN,2B*TRI</b>
Mar 29 2006	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,MHISB,GMBM,HISB MIDDLE,R=G	
<b>H269-3</b>	<b>NGC 1993</b>	<b>Lep</b>	<b>Galaxy SA(rs)0-:</b>	<b>EF,VS,STELLAR</b>
Nov 22 2006	12.5"	12mmT4	MB,MS,R,LARGE FNUC,GBM,MOD HISB MIDDLE,R=G	
<b>H270-1</b>	<b>NGC 3610</b>	<b>UMa</b>	<b>Galaxy E5:</b>	<b>VB,PS,LE90,VSMBMSN</b>
Mar 15 1985	12.5"	12mm	PB,MS,BNUC,R,BM,SLIGHT TAPPERING DET	
Oct 22 1982	12.5"	16mm	PB,MS,BNUC,R,GMBM	
<b>H270-2</b>	<b>NGC 718</b>	<b>Psc</b>	<b>Galaxy SAB(s)a</b>	<b>PB,S,IR,PSMBM</b>
Oct 31 1980	12.5"	24mm		
Sep 24 1981	12.5"	16mm	MF,PS,DNUC,EF* SEVERAL GAL DIA TO W,SUDDENLY MBM,R,DIM HALO	
<b>H270-3</b>	<b>NGC 2089</b>	<b>Lep</b>	<b>Galaxy SAB0-:</b>	<b>VF,ES,STELLAR</b>
Nov 22 2006	12.5"	12mmT4	MB,MS,ELONG,LARGE FNUC,R=G	
<b>H271-1</b>	<b>NGC 3613</b>	<b>UMa</b>	<b>Galaxy E6</b>	<b>VB,CL,ME305,SMBMN</b>
Mar 15 1985	12.5"	12mm	PB,PS,BNUC,OVAL,SMBM,PAIR/3619	
Oct 22 1982	12.5"	16mm	MB,PS,BNUC,R,SMALL BNUC,GBM,PAIR/3619	
<b>H271-2</b>	<b>NGC 741</b>	<b>Psc</b>	<b>Galaxy E0:</b>	<b>PF,S,R,POF2,POS102</b>
Sep 24 1981	12.5"	16mm	DIF,MF,PS,COMP TO N SUSP,JUST W OF B * 3 GAL DIA,BARELY BM,CLASS E1	
<b>H271-3</b>	<b>NGC 2283</b>	<b>CMa</b>	<b>Galaxy SB(s)cd</b>	<b>3OR4S*+NEB</b>
Oct 05 2002	12.5"	9mmT6	DIF,PB,ML,F* ON BOTH ENDS,STELL NUC, OVAL,PATCH	
<b>H273-1</b>	<b>NGC 4589</b>	<b>Dra</b>	<b>Galaxy E2</b>	<b>CB,L,LE,PGMBM</b>
Feb 23 2006	31"	17mmT4	EB,VL,OVAL,LARGE BNUC,HISB,SEVERAL *S AROUND NUC ON EDGE,SMBM,R=E	
<b>H273-2</b>	<b>NGC 1070</b>	<b>Cet</b>	<b>Galaxy Sb</b>	<b>PF,S,IR,GBM</b>
Sep 06 2002	12.5"	9mmT6	PB,PL,LARGE CENTRAL BULGE,GBM,MOD HISB	
<b>H274-1</b>	<b>NGC 4648</b>	<b>Dra</b>	<b>Galaxy E3</b>	<b>PB,CS,R,GBM,**P</b>
Feb 23 2006	31"	17mmT4	PB,PL,R,LARGE BNUC,HISB MIDDLE,GRADUALLY MBM,R=G	
<b>H274-2</b>	<b>NGC 1153</b>	<b>Cet</b>	<b>Galaxy S0+?</b>	<b>F,VS,ILE,SBM,ER</b>
Nov 22 2006	12.5"	12mmT4	MF,MS,OVAL,LARGE FNUC,R=F	
<b>H274-3</b>	<b>NGC 3981</b>	<b>Crt</b>	<b>Galaxy SA(rs)bc</b>	<b>VF,PL,IF</b>
Mar 16 2009	31"	17mmT4	MB,ML,IRR,NND,UB,CENTRAL BULGE,F* OFF ONE TIP,R=G	
<b>H275-1</b>	<b>NGC 4291</b>	<b>Dra</b>	<b>Galaxy E</b>	<b>PB,VS,R,LBM,3*F</b>
Feb 04 2005	31"	17mmT4	PB,MS,OVAL,SMALL BNUC,MOD HISB,2*S 90 DEG ON EDGE,PAIRS=4319/PGC39763/MAC,R=G	
<b>H276-1</b>	<b>NGC 4319</b>	<b>Dra</b>	<b>Galaxy SB(r)ab</b>	<b>PB,PS,VLE,SBM</b>
Feb 04 2005	31"	17mmT4	PB,ML,OVAL,SMALL FNUC,SHISB,* OFF EDGE,GMBM,PAIRS=4291/PGC39763/MAC,R=G	
<b>H276-2</b>	<b>NGC 4045</b>	<b>Vir</b>	<b>Galaxy SBa</b>	<b>PF,L,R,SBM,*SF</b>
Apr 26 2003	12.5"	9mmT6	MB,ML,OVAL,BNUC,MOD HISB,LARGE BRT NUC,R=G	
<b>H277-1</b>	<b>NGC 4386</b>	<b>Dra</b>	<b>Galaxy SAB0^:</b>	<b>PB,CL,LE,PSMBM</b>
Feb 04 2005	31"	17mmT4	PB,ML,OVAL,LARGE BNUC,MOD HISB,BM,R=G	
<b>H277-2</b>	<b>NGC 4073</b>	<b>Vir</b>	<b>Galaxy E+</b>	<b>F,PS,R,PGBM,NP OF 2</b>
Apr 26 2003	12.5"	9mmT6	PB,ML,OVAL,BNUC,MOD HISB,SMALL BRT NUC,MANY COMP,FOV RICH IN GAL,R=G	
<b>H277-3</b>	<b>NGC 2992</b>	<b>Hya</b>	<b>Galaxy Sa pec</b>	<b>CF,S,R,BM,STEL,P OF 2</b>
Mar 29 2006	31"	17mmT4	PB,PL,ELONG,LARGE SOFT NUC,SOMEWHAT HISB MIDDLE,R=G	
<b>H278-1</b>	<b>NGC 4133</b>	<b>Dra</b>	<b>Galaxy SABb:</b>	<b>PB,CL,R,GMBM</b>
Mar 06 2003	12.5"	9mmT6	DIF,R,PATCH,UB,R=F	
<b>H278-2</b>	<b>NGC 955</b>	<b>Cet</b>	<b>Galaxy Sab: sp</b>	<b>PB,S,E,PSBM</b>
Sep 18 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	ELONG,BNUC,BRT EQ REGION,CENTRAL BULGE,MINATURE M104,GBM,SOMEWHAT EDGE ON	

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<b>H278-3</b>	<b>NGC 2993</b>	<b>Hya</b>	<b>Galaxy Sa pec</b>	<b>CF,S,R,BM,STEL,F OF2</b>
Mar 29 2006	31"	17mmT4	MB,ML,OVAL,SMALL BNUC,BM,R=G	
<b>H279-1</b>	<b>NGC 4127</b>	<b>Cam</b>	<b>Galaxy SAc?</b>	<b>F,PL,VLE,GLBM</b>
Mar 06 2003	12.5"	9mmT6	DIF,PF,MS,R,PATCH,UB,NND,R=F	
<b>H279-2</b>	<b>NGC 1507</b>	<b>Eri</b>	<b>Galaxy SB(s)m pec?</b>	<b>VF,PL,ME,VLBM,ER</b>
Oct 30 1981	12.5"	12mm	DIF,PF,ML,EDGE ON,SLIGHTLY HISB,NND,F*E,2*S W 1 GAL DIA,EDGES TAPPED	
<b>H279-3</b>	<b>NGC 4035</b>	<b>Crv</b>	<b>Galaxy (R')SAB(rs)bc p</b>	<b>EF,PL,*9M NR</b>
Apr 06 2008	31"	17mmT4	DIF,PF,MS,OVAL,PATCH,UB,NND,R=F	
<b>H280-1</b>	<b>NGC 6217</b>	<b>UMi</b>	<b>Galaxy (R)SB(rs)bc</b>	<b>B,CL,LE,SLBM</b>
Aug 13 1982	12.5"	16mm	PF,PS,DIF,STELL NUC,OVAL,SBM,NO *S	
Jun 22 2003	12.5"	9mmT6	PB,VL,R,FNUC,SHISB,FACE ON,SMALL FAINT NUC,DUST SUSP,FARMS,R=E	
<b>H280-3</b>	<b>NGC 4724</b>	<b>Crv</b>	<b>Galaxy SB0-:</b>	<b>F,VS,R,STELLAR,NPOF2</b>
Apr 06 2008	31"	17mmT4	MB,PS,OVAL,SMALL BNUC,VERY CLOSE COMP=4727,R=G	
<b>H281-1</b>	<b>NGC 613</b>	<b>Scl</b>	<b>Galaxy SB(rs)bc</b>	<b>VB,VL,VME118,SBM,*NF</b>
Oct 29 1980	8"	24mm		
Sep 09 1980	12.5"	32mm		
Sep 27 1981	12.5"	16mm	DIF,MF,ML,ELONG,DNUC,FARMS,11 MAG * NW,SBM,NUC DET,OBLONG IN SHAPE	
<b>H281-3</b>	<b>NGC 4756</b>	<b>Crv</b>	<b>Galaxy SAB(s)0^?</b>	<b>VF,PS,RESOLVABLE</b>
Apr 06 2008	31"	17mmT4	PB,VL,OVAL,LARGE BNUC,HISB MIDDLE,OTHERS CLOSE BY,R=G	
May 03 1981	12.5"	16mm	DIF,PF,PS,FAINT HALO AROUND NUC	
<b>H282-1</b>	<b>NGC 2977</b>	<b>Dra</b>	<b>Galaxy Sb:</b>	<b>CB,PL,IF,</b>
Apr 14 2004	31"	17mmT4	MF,ML,OVAL,PATCH,LARGE FNUC REGION,SHISB MIDDLE,R=G	
<b>H282-2</b>	<b>NGC 615</b>	<b>Cet</b>	<b>Galaxy SA(rs)b</b>	<b>PB,PL,ILE,GBM,*8NP10</b>
Sep 10 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	DIF,MF,MS,ELONG,FNUC,STELL NUC,BRIGHTER IN EQ PLANE	
<b>H282-3</b>	<b>NGC 5073</b>	<b>Vir</b>	<b>Galaxy SB(s)c? sp</b>	<b>VF,PL,PME135</b>
May 30 2014	36"	17mmT4	MB,ML,EDGE ON,UB,NND,PA~130,R=FG	
<b>H283-1</b>	<b>NGC 3218</b>	<b>Dra</b>	<b>Galaxy SB(s)bc:</b>	<b>CB,CL,ER,</b>
Mar 06 2003	12.5"	9mmT6	MB,VL,ELONG,PATCH,NND,SOMEWHAT HISB,MANY F*S IN GAL,R=E	
<b>H283-2</b>	<b>NGC 636</b>	<b>Cet</b>	<b>Galaxy E3</b>	<b>PB,VS,R,MBM,R</b>
Sep 07 1980	12.5"	24mm	FAINT,ASSOC IN SMALL CLUSTER	
Sep 10 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	PF,PS,DNUC,GRAD MB,SMALL DIFFUSE NUC	
<b>H284-1</b>	<b>NGC 3397</b>	<b>Dra</b>	<b>Galaxy (R)SA(r)b:</b>	<b>CB,VS,IF</b>
Feb 05 2005	31"	17mmT4	PB,ML,OVAL,LARGE BNUC,HISB MIDDLE,R=G	
<b>H284-2</b>	<b>NGC 1035</b>	<b>Cet</b>	<b>Galaxy SA(s)c?</b>	<b>PF,L,ME,R,*17ATT SF</b>
Sep 18 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	DIF,MF,MS,EDGE ON,14* S ARM,NND,OBLONG,UB	
<b>H285-1</b>	<b>NGC 2976</b>	<b>UMa</b>	<b>Galaxy SAc pec</b>	<b>B,VL,ME152,ST INV</b>
Apr 14 2004	31"	17mmT4	MB,VL,PATCH,UB,MOD HISB,VERY UNIQUE IN APPEARANCE,3*S AROUND EDGE,RECT,R=E	
Aug 22 1980	12.5"	24mm		
Dec 03 1980	12.5"	24mm	F* IN OUTER ARM REGION	
Mar 15 1985	12.5"	16mm	IRR,DIF,PF,VL,ELONG,PATCH,F* S EDGE BY NUC,UB	
Mar 27 1981	12.5"	24mm		
<b>H285-2</b>	<b>NGC 1208</b>	<b>Eri</b>	<b>Galaxy SA(r)0/a?</b>	<b>PB,S,LE80,LBM</b>
Sep 19 2012	36"	17mmT4	PB,ML,ELONG,LARGE BNUC,HISB,PAIRS=MAC'S,R=G	
<b>H286-1</b>	<b>NGC 3077</b>	<b>UMa</b>	<b>Galaxy I0 pec</b>	<b>CB,CL,MBM,R WITH RAY</b>
Aug 22 1980	12.5"	24mm		

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<b>H286-1</b>	<b>NGC 3077</b>	<b>UMa</b>	<b>Galaxy I0 pec</b>	<b>CB,CL,MBM,R WITH RAY</b>
Aug 22 1980	12.5"	24mm		
Dec 03 1980	12.5"	24mm		
Mar 06 2003	12.5"	9mmT6	EB,EL,OVAL,BNUC,HISB,LARGE NUC AREA,MUCH HISB MIDDLE,R=E	
Mar 15 1985	12.5"	16mm	SAME	
Mar 27 1981	12.5"	24mm		
Oct 22 1982	12.5"	12mm	SAME	
Oct 22 1982	12.5"	16mm	MB,ML,BNUC,R-OVAL,HISB,GMBM,LARGE NUC AREA,	
<b>H286-2</b>	<b>NGC 1241</b>	<b>Eri</b>	<b>Galaxy SB(rs)b</b>	<b>F,PL,R,VGLBM,*9N</b>
Nov 17 2012	36"	17mmT4	PB,ML,ELONG,OVAL,LBNUC,MHISB,HALO,GRAD MBM,PAIR=1242,R=G	
Oct 24 1981	12.5"	12mm	VDIF,MF,PS,S OF 2B*S,R,NND,PATCHY,MOD HISB,OBLONG	
<b>H287-1</b>	<b>NGC 3735</b>	<b>Dra</b>	<b>Galaxy SAc: sp</b>	<b>PB,L,ME130,MBM</b>
Apr 04 2005	31"	17mmT4	PB,VL,EDGE ON,LARGE BNUC,DUST LANE,CENTRAL BULGE,GMBM,HISB MIDDLE,PAIR=MAC,R=E	
<b>H288-1</b>	<b>NGC 2655</b>	<b>Cam</b>	<b>Galaxy SAB(s)0/a</b>	<b>VB,CL,LE90,GSVMBM</b>
Dec 21 1981	12.5"	16mm	PB,ML,R,BM,HISB	
Oct 16 1982	12.5"	12mm	F*E 1 GAL DIA,ARMS MORE PRODOMENANT	
Oct 16 1982	12.5"	16mm	MB,MS,BNUC,GMBM,OBLONG,DIM HALO	
Sep 18 1980	12.5"	24mm		
<b>H288-2</b>	<b>NGC 1376</b>	<b>Eri</b>	<b>Galaxy SA(s)cd</b>	<b>EF,PL,IR,BM,R</b>
Oct 24 1981	12.5"	12mm	PF,ES,S OF *,VERY STELL,SLIGHTLY DIF AROUND EDGES,BRT CENTRAL REGION	
<b>H288-3</b>	<b>NGC 2566</b>	<b>Pup</b>	<b>Galaxy (R')SB(rs)ab p:</b>	<b>VF,CL,ER</b>
Nov 24 2006	12.5"	12mmT4	MF,ML,OVAL,UB,SMALL BNUC,PAIRS=IC2311/PGC23291,SOMEWHAT HISB,R=G	
<b>H289-2</b>	<b>NGC 1888</b>	<b>Lep</b>	<b>Galaxy SB(s)c pec</b>	<b>PB,PL,R,R</b>
Nov 21 2006	12.5"	12mmT4	MF,ML,ELONG,UB,NND,INTERACTING=1889,R=F	
<b>H290-2</b>	<b>NGC 1357</b>	<b>Eri</b>	<b>Galaxy SA(s)ab</b>	<b>PF,PL,R,LBM,*9NF</b>
Oct 24 1981	12.5"	12mm	MF,ML,16MM-PATCHY,SBM,BETWEEN 2*S,OVAL SHAPE	
Oct 31 1980	12.5"	24mm	BETWEEN 2*S APPROX 10-11TH MAG	
<b>H291-2</b>	<b>NGC 1421</b>	<b>Eri</b>	<b>Galaxy SAB(rs)bc:</b>	<b>F,CL,ME0,R</b>
Oct 24 1981	12.5"	12mm	DIF,MF,ML,EDGE ON,UB,NND	
Oct 31 1980	12.5"	24mm	EDGE ON,IMPRESSIVE!!	
Sep 09 1980	12.5"	24mm		
<b>H292-2</b>	<b>NGC 1832</b>	<b>Lep</b>	<b>Galaxy SB(r)bc</b>	<b>PB,IR,MBM,C*NF1'</b>
Oct 24 1981	12.5"	12mm	DIF,MF,ML,W OF B*,NND,OVAL,UB,24MM-SBM,MOD HISB	
Oct 31 1980	12.5"	24mm		
<b>H293-2</b>	<b>NGC 3091</b>	<b>Hya</b>	<b>Galaxy E3:</b>	<b>PB,PS,IR,BM,P OF 2</b>
Mar 16 2009	31"	17mmT4	PB,ML,ELONG,LBNUC,GMBM,HISB MIDDLE,CLOSE COMP OFF ONE EDGE=PGC28922,R=G	
<b>H293-3</b>	<b>NGC 3068</b>	<b>Leo</b>	<b>Galaxy S0-: pec</b>	<b>EEF,ES,STELLAR,()</b>
Mar 20 2007	31"	17mmT4	MB,MS,R,LARGE BNUC,VERY CLOSE COMP=MAC,SOMEWHAT HISB MIDDLE,R=F	
<b>H295-2</b>	<b>NGC 4024</b>	<b>Crv</b>	<b>Galaxy SAB0-</b>	<b>F,VS,IF,BM</b>
Mar 22 2004	12.5"	12mmT4	MF,MS,OVAL,LARGE BNUC,HOD HISB MIDDLE,R=G	
May 03 1981	12.5"	24mm	PB,PS,BNUC	
<b>H295-3</b>	<b>NGC 2783</b>	<b>Cnc</b>	<b>Galaxy E</b>	<b>VF,VS,R,2PB* SP</b>
Dec 28 2008	31"	17mmT4	MB,MS,LF NUC,ALMOST TOUCHING PGC26004,HICKSON GROUP R=F	
<b>H296-2</b>	<b>NGC 4027</b>	<b>Crv</b>	<b>Galaxy SB(s)dm</b>	<b>GCL,PF,PL,R,RR,ST16</b>
Apr 06 2008	31"	17mmT4	MB,ML,OVAL,MOD HISB,V*OUTTER EDGE,LG CENTRAL REGI,PATCHY NUC,MBM,PAIR=4027A,R=G	
May 03 1981	12.5"	16mm	DIF,PB,PL,DNUC,FAINT HALO	

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<b>H296-2</b>	<b>NGC 4027</b>	<b>Crv</b>	<b>Galaxy SB(s)dm</b>	<b>GCL,PF,PL,R,RR,ST16</b>
May 03 1981	12.5"	16mm	DIF,PB,PL,DNUC,FAINT HALO	
<b>H297-3</b>	<b>NGC 2893</b>	<b>Leo</b>	<b>Galaxy (R)SB0/a</b>	<b>VF,S,R,VSBM*12</b>
Jan 20 2004	31"	17mmT4	PB,PS,OVAL,SMALL BNUC,HISB MIDDLE,GMBM,R=G	
<b>H298-2</b>	<b>NGC 4727</b>	<b>Crv</b>	<b>Galaxy SAB(r)bc pec:</b>	<b>F,PL,R,LBM,SF OF 2</b>
Apr 06 2008	31"	17mmT4	MB,ML,OVAL,MOD HISB,VERY CLOSE COMP=4724,VERY LARGE FAINT NUC,R=G	
<b>H298-3</b>	<b>NGC 2918</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>VF,CS,R,SBMN</b>
Jan 20 2004	31"	17mmT4	PB,ML,OVAL,LARGE BNUC,MOD HISB,GMBM,R=G	
<b>H301-2</b>	<b>NGC 4984</b>	<b>Vir</b>	<b>Galaxy (R)SAB(rs)0+</b>	<b>B,PL,R,PSMBM</b>
Mar 22 2004	12.5"	12mmT4	MB,ML,R,LARGE BNUC,SHISB,HISB MIDDLE,GMBM,R=G	
<b>H302-2</b>	<b>NGC 2481</b>	<b>Gem</b>	<b>Galaxy S?</b>	<b>F,S,LE,BM,ER</b>
Dec 06 2002	12.5"	9mmT6	MF,PL,ELONG,BM,MOD HISB,CLOSE PAIR/2480	
<b>H304-2</b>	<b>NGC 2316</b>	<b>Mon</b>	<b>Nebula E+R</b>	<b>PF,S,R,R,S ST INV</b>
Oct 05 2002	12.5"	9mmT6	ELONG,MOD HISB,DIF NEBULA,APPEARS AS AN IRR GALAXY	
<b>H306-2</b>	<b>NGC 5306</b>	<b>Vir</b>	<b>Galaxy S0 pec?</b>	<b>VF,VS,R,R</b>
May 18 2007	31"	17mmT4	VB,ML,VLBNUC,2 VERY CLOSE COMP=PGC'S OPPOSITE SIDES,MOD HISB MIDDLE,R=G	
<b>H306-3</b>	<b>NGC 5056</b>	<b>Com</b>	<b>Galaxy Scd:</b>	<b>CF,CS,R,SP OF 2</b>
Mar 22 2004	12.5"	12mmT4	VF,MS,PATCH,UB,NND,PAIR=5057,R=P	
<b>H307-3</b>	<b>NGC 5057</b>	<b>Com</b>	<b>Galaxy S0</b>	<b>CF,CS,R,NF OF 2</b>
Mar 22 2004	12.5"	12mmT4	VF,MS,PATCH,UB,NND,PAIR=5056,R=P	
<b>H308-3</b>	<b>NGC 5065</b>	<b>Com</b>	<b>Galaxy Sd</b>	<b>VF,CS</b>
Mar 22 2004	12.5"	12mmT4	VF,PS,PATCH,NND,R=P	
<b>H309-2</b>	<b>NGC 5426</b>	<b>Vir</b>	<b>Galaxy SA(s)c pec</b>	<b>PF,CL,R,GMBM,SP OF 2</b>
Apr 26 2006	31"	17mmT4	MF,MS,ELONG,LARGE FNUC,PATCHY,IRR IN SHAPE,FAINT HALO,PAIR=5427,R=G	
<b>H309-3</b>	<b>NGC 5074</b>	<b>CVn</b>	<b>Galaxy SAB pec?</b>	<b>EF,VS</b>
Jan 28 1982	12.5"	16mm	NO FIND	
<b>H310-2</b>	<b>NGC 5427</b>	<b>Vir</b>	<b>Galaxy SA(s)c pec</b>	<b>PF,CL,R,NF OF 2</b>
Apr 26 2006	31"	17mmT4	PB,VL,R,LFNUC,FAINT HALO,SPRIAL ARMS DET,PATCHY AREAS,MOD HISB MID,PAIR=5426,R=E	
<b>H311-2</b>	<b>NGC 2986</b>	<b>Hya</b>	<b>Galaxy E2</b>	<b>PB,PS,IR,MBM</b>
Mar 29 2006	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,* IN EDGE,MOD HISB MIDDLE,GMBM,PAIR=PGC27873/MAC,R=G	
<b>H311-3</b>	<b>NGC 5819</b>	<b>UMi</b>	<b>Galaxy SAB(rs)bc</b>	<b>F,PL,TRI 2*</b>
Apr 14 2004	31"	17mmT4	MF,PL,OVAL,PATCH,UB,NND,R=F	
<b>H312-2</b>	<b>NGC 5068</b>	<b>Vir</b>	<b>Galaxy SAB(rs)cd</b>	<b>F,L,IR,BM</b>
Apr 26 2006	31"	17mmT4	DIF,MF,PL,PATCH,NND,H2 REGION FROM NUC,PATCHY ARMS,LARGE AREA OF FAINT HALO,R=F	
<b>H312-3</b>	<b>NGC 5836</b>	<b>UMi</b>	<b>Galaxy SB(rs)b</b>	<b>EF,VS,LE,2*INV</b>
Jun 21 2003	12.5"	9mmT6	MF,ML,R,STELL NUC,SOMEWHAT HISB,F* IN CENTRAL NUC,PAIRS/5821/PGC53476,R=G	
<b>H313-2</b>	<b>NGC 5084</b>	<b>Vir</b>	<b>Galaxy S0 sp</b>	<b>CB,CS,VLE90,BF</b>
Apr 26 2006	31"	17mmT4	MB,ML,EDGE ON,LG BNUC,TAPPERED ENDS,MOD HISB MID,CENTRAL BULGE,PAIR=PGC46489,R=E	
<b>H313-3</b>	<b>NGC 6011</b>	<b>UMi</b>	<b>Galaxy Sb</b>	<b>VF,S,E90,VS*F</b>
Apr 23 2003	12.5"	9mmT6	MF,MS,FNUC,PATCH,F* EDGE OF GAL,R=F	
<b>H314-2</b>	<b>NGC 5134</b>	<b>Vir</b>	<b>Galaxy SA(s)b?</b>	<b>F,PS,LE,VGBM</b>
Apr 26 2006	31"	17mmT4	MB,MS,ELONG,LARGE BNUC,SOMEWHAT HISB MIDDLE,R=G	
<b>H314-3</b>	<b>NGC 6094</b>	<b>UMi</b>	<b>Galaxy S0</b>	<b>VF,VS,LE</b>
Apr 14 2004	31"	17mmT4	MF,MS,R,LARGE FNUC,R=F	
<b>H315-3</b>	<b>NGC 2963</b>	<b>Dra</b>	<b>Galaxy SBab</b>	<b>VF,VS,R,BM</b>
Apr 14 2004	31"	17mmT4	PAIRS/2957A/2957B/PGC28177	



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<b>H315-3</b>	<b>NGC 2963</b>	<b>Dra</b>	<b>Galaxy SBab</b>	<b>VF,VS,R,BM</b>
Apr 14 2004	31"	17mmT4	PAIRS/2957A/2957B/PGC28177	
<b>H316-2</b>	<b>NGC 2371</b>	<b>Gem</b>	<b>Planetary Neb 3a+2</b>	<b>B,S,R,BMN,P OF DNEB</b>
Dec 03 1980	12.5"	24mm		
Dec 28 2008	31"	17mmT4	PB,PL,C*15,2 HALVES,LOBS BOTH SIDES,SHISB,HOUR GLASS SH,OIII HELPS V LITTLE,R=E	
Feb 21 1984	12.5"	12mm	SAME	
Feb 21 1984	12.5"	12mm	SAME,SOUTH PART BRT THAN N,CENTRAL * DET,VF,VS	
Oct 23 1982	12.5"	12mm	MF,MS,2 PARTS EASILY DET,W SIDE BRT,BOTH MOD HISB,NSS	
Oct 23 1982	12.5"	12mm	SEE 2371	
Oct 31 1980	12.5"	16mm	DOUBLE NEBULA,2 NEB ON TOP OF EACH OTHER,NICE!!	
<b>H316-3</b>	<b>NGC 3252</b>	<b>Dra</b>	<b>Galaxy SBd? sp</b>	<b>EF,PS,ME,R</b>
Feb 04 2005	31"	17mmT4	MF,PL,EDGE ON,PATCH,UB,NND,R=G	
<b>H317-3</b>	<b>NGC 3343</b>	<b>Dra</b>	<b>Galaxy E</b>	<b>PF,S,R,GBM</b>
Feb 05 2005	31"	17mmT4	MF,MS,OVAL,SMALL BNUC,GMBM,R=G	
<b>H318-2</b>	<b>NGC 2608</b>	<b>Cnc</b>	<b>Galaxy SB(s)b:</b>	<b>F,VLE,MBM,R</b>
Dec 03 1980	12.5"	24mm		
Feb 21 1984	12.5"	12mm	SAME	
Oct 24 1981	12.5"	12mm	EDIF,VF,PS,PATCHY,UB,NND	
<b>H318-3</b>	<b>NGC 3364</b>	<b>UMa</b>	<b>Galaxy SAB(rs)c</b>	<b>VF,L,R,VGBM,R,D*SF</b>
Feb 05 2005	31"	17mmT4	PF,VL,OVAL,UB,NND,SHISB,PAIRS=PGC32218/MAC'S,R=G	
<b>H319-3</b>	<b>NGC 5620</b>	<b>UMi</b>	<b>Galaxy</b>	<b>EF,VS</b>
Jun 01 2003	12.5"	9mmT6	VDIF,VF,VS,PATCH,UB,F* JUST TO THE NORTH,R=P	
<b>H320-2</b>	<b>NGC 3106</b>	<b>LMi</b>	<b>Galaxy S0</b>	<b>F,S,R,SBM</b>
Dec 26 2003	31"	17mmT4	MF,MS,R,SMALL BNUC,GMBM,R=F	
<b>H320-3</b>	<b>NGC 3812</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>CF,VS,R,1STOF3,*6SF</b>
Mar 17 2010	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,HISB,GRAD BRTER MIDDLE,FAINT GRANULAR HALO,R=G	
<b>H321-2</b>	<b>NGC 4136</b>	<b>Com</b>	<b>Galaxy SAB(r)c</b>	<b>F,VL,VGMBM</b>
Feb 27 1982	12.5"	16mm	DIF,MF,PL,PATCHY,FACE ON,ARMS SUSP,UB,OVAL	
Jan 26 1982	12.5"	16mm	MB,ML,FNUC,CLOSE TO B*,STELL NUC,HISB,OVAL	
<b>H321-3</b>	<b>NGC 3902</b>	<b>Leo</b>	<b>Galaxy SAB(s)bc:</b>	<b>F,PS,LE,VGLBM</b>
May 09 2010	31"	17mmT4	MB,PL,OVAL,VERY LARGE FNUC,PATCHY,ALMOST UB,R=G	
<b>H322-3</b>	<b>NGC 3944</b>	<b>Leo</b>	<b>Galaxy S0-:</b>	<b>PF,PS,R,PSBM</b>
Mar 16 2010	31"	17mmT4	MF,MS,OVAL,SMALL BNUC,GMBM,MOD HISB MIDDLE,R=FG	
<b>H323-2</b>	<b>NGC 4283</b>	<b>Com</b>	<b>Galaxy E0</b>	<b>B,S,R,BM,2ND OF 3</b>
Feb 12 1983	12.5"	16mm	VDIF,VF,VS,R,NND,UB,COMP TO W = 4278	
<b>H323-3</b>	<b>NGC 4015</b>	<b>Com</b>	<b>Galaxy Double System</b>	<b>F,VS,E,MBM</b>
Dec 28 2008	31"	17mmT4	MB,MS,R,LARGE BNUC,MOD HISB MIDDLE,BM,R=G	
Mar 17 2009	31"	17mmT4	VB,VL,R,LARGE BNUC,INTER=PGC37702,SMBM,MOD HISB MIDDLE,R=G	
<b>H327-2</b>	<b>NGC 5089</b>	<b>Com</b>	<b>Galaxy S?</b>	<b>PF,PL,GBM</b>
Jan 28 1982	12.5"	16mm	EEDIF,EF,ES,JUST VISIBLE	
Jan 28 1982	12.5"	24mm	MUCH EASIER TO IDENTIFY THAN IN 16MM	
<b>H328-3</b>	<b>NGC 4670</b>	<b>Com</b>	<b>Galaxy SB(s)0/a pec:</b>	<b>PF,CS,R,BM,R,P OF 2</b>
Mar 17 2018	36"	17mmT4	PB,MS,ELONG,L BRT NUC,HISB MIDDLE,PAIR=4673,R=G	
Mar 20 2009	31"	17mmT4	MB,MS,OVAL,BNUC,BRT BAR LIKE NUC,SOMEWHAT HISB MIDDLE,PAIR=4673,R=G	
<b>H329-3</b>	<b>NGC 4673</b>	<b>Com</b>	<b>Galaxy E1-2</b>	<b>F,VS,R,SBM*10,F OF 2</b>
Mar 17 2018	36"	17mmT4	PB,MS,OVAL,L BRT NUC,HISB MIDDLE,PAIR=4670,R=G	
Mar 20 2009	31"	17mmT4	MB,MS,OVAL,SM BNUC,SMBM,SOMEWHAT HISB MIDDLE,PAIR=4670,R=G	
<b>H330-2</b>	<b>NGC 5653</b>	<b>Boo</b>	<b>Galaxy (R')SA(rs)b</b>	<b>PF,PS,R,BM</b>

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<b>H330-2</b>	<b>NGC 5653</b>	<b>Boo</b>	<b>Galaxy (R')SA(rs)b</b>	<b>PF,PS,R,BM</b>
May 06 1981	12.5"	24mm	MF,VS,DIM HALO	
<b>H330-3</b>	<b>NGC 3216</b>	<b>Leo</b>	<b>Galaxy E:</b>	<b>VF,PS,R,BM</b>
Feb 25 2004	31"	17mmT4	MB,MS,OVAL,LARGE BNUC,GMBM,HISB MIDDLE,PAIRS/SEVERAL MAC'S,R=G	
<b>H331-2</b>	<b>NGC 5607</b>	<b>UMi</b>	<b>Galaxy Pec</b>	<b>PF,CS,IR,BM,ER</b>
Jun 01 2003	12.5"	9mmT6	DIF,VF,MS,PATCH,UB,NND,R=P	
<b>H332-2</b>	<b>NGC 5832</b>	<b>UMi</b>	<b>Galaxy SB(rs)b?</b>	<b>PB,CL,IR,BP,R</b>
Apr 14 2004	31"	17mmT4	DIF,PF,VL,OVAL,PATCH,UB,NND,R=G	
<b>H333-2</b>	<b>NGC 3065</b>	<b>UMa</b>	<b>Galaxy SA(r)0^</b>	<b>PF,VS,R,BM,*11NR</b>
Mar 06 2003	12.5"	9mmT6	PB,ML,R,BNUC,LARGE BRT NUC,HISB MIDDLE,PAIR=3066,R=G	
Mar 15 1985	12.5"	12mm	VF,MS,OVAL,BM,3066 CLOSE BY,F*NE SEVERAL GAL DIA	
<b>H333-3</b>	<b>NGC 3615</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>CF,VS,SMBM,STEL,POF2</b>
Feb 15 2004	31"	17mmT4	PB,ML,ELONG,LARGE BNUC,BMBM,MOD HISB MIDDLE,PAIRS=3618/PGC34547,R=G	
<b>H334-2</b>	<b>NGC 3066</b>	<b>UMa</b>	<b>Galaxy (R')SAB(s)bc p</b>	<b>VF,VS,VGLBM</b>
Mar 06 2003	12.5"	9mmT6	MF,ML,PATCH,UB,NND,PAIR=3065,R=G	
Mar 15 1985	12.5"	12mm	EDIF,VF,MS,PATCHY,UB,NND,SLIGHTLY BIGGER THAN 3065,PAIR/3065	
<b>H334-3</b>	<b>NGC 3618</b>	<b>Leo</b>	<b>Galaxy SABb:</b>	<b>VF,S,F OF 2</b>
Feb 15 2004	31"	17mmT4	MF,ML,OVAL,PATCH,UB,NND,PAIRS=3615/PGC34547,R=F	
<b>H335-2</b>	<b>NGC 3403</b>	<b>Dra</b>	<b>Galaxy SAbc:</b>	<b>PF,L,IE,VGBM</b>
Dec 07 2005	31"	17mmT4	MB,PL,ELONG,PATCH,UB,NND,SHISB,F* OFF TIP,R=G	
Feb 23 2006	31"	17mmT4	PF,PL,ELONG,UB,NND,SHISB,D*S POINT TO GAL,R=G	
<b>H335-3</b>	<b>NGC 3651</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>CF,VS,R,BM,NP OF 2</b>
Apr 26 2008	31"	17mmT4	MF,MS,ELONG,LARGE BNUC,GMBM,HICKSON 51 CLUSTER,R=F	
<b>H336-2</b>	<b>NGC 3516</b>	<b>UMa</b>	<b>Galaxy (R)SB(s)0^:</b>	<b>PB,VS,IR,PSMBM*</b>
Mar 15 1985	12.5"	12mm	PF,PS,R,BM,F* CLOSE BY SEVERAL GAL DIA	
<b>H336-3</b>	<b>NGC 3653</b>	<b>Leo</b>	<b>Galaxy S0?</b>	<b>VF,VS,SF OF 2</b>
Apr 26 2008	31"	17mmT4	MB,MS,ELONG,LARGE BNUC,SLIGHTLY MBM,MOD HISB MIDDLE,HICKSON 51 CLUSTER,R=F	
<b>H337-2</b>	<b>NGC 3562</b>	<b>Dra</b>	<b>Galaxy E</b>	<b>PF,PS,LE,GBM,*70"NP</b>
Apr 03 2005	31"	17mmT4	MB,PL,OVAL,LARGE BNUC,MUCH BM,MOD HISB MIDDLE,PAIRS=PGC'S/MAC,R=F	
<b>H338-2</b>	<b>NGC 3629</b>	<b>Leo</b>	<b>Galaxy SA(s)cd:</b>	<b>CF,L,R,VGVLBM</b>
Mar 03 1984	12.5"	12mm	VDIF,VF,MS,F* S EGDE,OVAL,UB,NND	
<b>H338-3</b>	<b>NGC 3808</b>	<b>Leo</b>	<b>Galaxy SAB(rs)c: pec</b>	<b>VF,VS</b>
Mar 29 2006	31"	17mmT4	MF,ML,OVAL,UB,NND,SHISB,PAIR=3808A/MAC,R=G	
<b>H339-2</b>	<b>NGC 3689</b>	<b>Leo</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,PL,LE,BM</b>
Mar 03 1984	12.5"	12mm	MF,MS,ELONG,SBM,CIGAR SHAPE	
<b>H339-3</b>	<b>NGC 3815</b>	<b>Leo</b>	<b>Galaxy Sab</b>	<b>CF,S,3RD OF 3</b>
Mar 17 2010	31"	17mmT4	MB,ML,ELONG,LARGE FNUC,SHISB,R=G	
<b>H340-3</b>	<b>NGC 3798</b>	<b>Leo</b>	<b>Galaxy SB0</b>	<b>F,CS,LE,STELLAR,R</b>
Mar 17 2010	31"	17mmT4	PB,ML,OVAL,LARGE BNUC,HISB,GRAD BRTER MIDDLE,FAINT GRANULAR HALO,R=G	
<b>H340-3</b>	<b>NGC 3832</b>	<b>Leo</b>	<b>Galaxy SB(rs)bc</b>	<b>VF,PL,2SUSP NEB NR</b>
Mar 17 2010	31"	17mmT4	PF,ML,OVAL,UB,NND,PATCHY,FACE ON,R=F	
<b>H341-2</b>	<b>NGC 3826</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>PF,S,R,PSBM,STELLAR</b>
Mar 17 2010	31"	17mmT4	MF,MS,ELONG,OVAL,LARGE BNUC,GRAD BM,R=F	
<b>H341-3</b>	<b>NGC 3911</b>	<b>Leo</b>	<b>Galaxy SB?</b>	<b>VF,S,P OF 2</b>
May 09 2010	31"	17mmT4	PF,MS,PATCH,UB,NND,B* ON EDGE,R=F	
<b>H342-2</b>	<b>NGC 3912</b>	<b>Leo</b>	<b>Galaxy SAB(s)b? pec</b>	<b>F,PL,R,PGBM</b>
Feb 12 1983	12.5"	16mm	VDIF,VF,VS,UB,PATCHY,SAME 24MM FIELD WITH 3900	
Mar 03 1984	12.5"	12mm	SAME,NO *S	

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<b>H342-2</b>	<b>NGC 3912</b>	<b>Leo</b>	<b>Galaxy SAB(s)b? pec</b>	<b>F,PL,R,PGBM</b>
Mar 03 1984	12.5" 12mm	SAME,NO *S		
<b>H342-3</b>	<b>NGC 3951</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>VF,CS,VLE</b>
Mar 16 2010	31" 17mmT4	MB,MS,OVAL,UB,NND,R=F		
<b>H343-2</b>	<b>NGC 3983</b>	<b>Leo</b>	<b>Galaxy S0/a</b>	<b>CF,CS,R,PSBM</b>
Mar 08 2010	31" 17mmT4	MF,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,R=F		
<b>H344-2</b>	<b>NGC 4747</b>	<b>Com</b>	<b>Galaxy SBcd? sp pec</b>	<b>F,PL,LE</b>
Mar 17 2018	36" 17mmT4	MB,ML,ELONG,UB,NND,R=G		
Mar 20 2009	31" 17mmT4	MB,PL,ELONG,ALMOST UB,LG F CENTRAL REGION W/FAINTER EXTENSIONS BOTH ENDS,R=G		
<b>H344-3</b>	<b>NGC 4002</b>	<b>Leo</b>	<b>Galaxy S0?</b>	<b>VF,VS,R,N OF 2</b>
Mar 08 2010	31" 17mmT4	MB,MS,ELONG,OVAL,LARGE FNUC,PAIR=4007,R=FG		
Mar 17 2010	31" 17mmT4	MB,ML,ELONG,OVAL,LARGE BNUC,GRAD BM,PAIR=4007,R=G		
May 14 2010	31" 17mmT4	MB,MS,OVAL,LARGE BNUC,BM,SOMEWHAT HISB MIDDLE,PAIR=4007,R=FG		
<b>H345-2</b>	<b>NGC 4789</b>	<b>Com</b>	<b>Galaxy SA0:</b>	<b>F,R,*9ATT1'N</b>
May 17 2009	31" 17mmT4	MB,ML,LARGE BNUC,* OFF SIDE,MOD HISB MIDDLE,AGC1656,R=G		
<b>H345-3</b>	<b>NGC 4003</b>	<b>Leo</b>	<b>Galaxy SB0</b>	<b>VF,VS,R,S OF 2</b>
Mar 08 2010	31" 17mmT4	MB,MS,ELONG,OVAL,LARGE NUC,SHISB MIDDLE,PAIR=4002,R=FG		
Mar 17 2010	31" 17mmT4	MB,ML,ELONG,OVAL,LARGE BNUC,GRAD BM,PAIR=4002,R=G		
May 14 2010	31" 17mmT4	MB,MS,OVAL,LARGE BNUC,BM,SOMEWHAT HISB MIDDLE,PAIR=4002,R=FG		
<b>H346-2</b>	<b>NGC 4819</b>	<b>Com</b>	<b>Galaxy (R')SAB(r)a:</b>	<b>VF,PL,IF</b>
May 19 2009	31" 17mmT4	PB,PL,R,LARGE BNUC,MOD HISB MIDDLE,BMBM,AGC 1656,R=G		
<b>H348-2</b>	<b>NGC 3327</b>	<b>LMi</b>	<b>Galaxy SA(r)b:</b>	<b>VF,S,R,GBM,VS*ATT</b>
Feb 15 2004	31" 17mmT4	PB,ML,R,LARGE BNUC,SHISB,B* OFF ONE SIDE,R=G		
<b>H349-3</b>	<b>NGC 3265</b>	<b>LMi</b>	<b>Galaxy E:</b>	<b>PF,S,R,PSBM,*SF</b>
Feb 25 1982	12.5" 16mm	VDIF,VF,ES,FNUC,ALMOST STELL,STELL NUC DET,R		
<b>H350-2</b>	<b>NGC 3710</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>F,S,*7,8NF 5'</b>
May 14 2010	31" 17mmT4	MF,MS,R,SBNUC,GMBM,R=F		
<b>H351-2</b>	<b>NGC 3728</b>	<b>Leo</b>	<b>Galaxy Sb</b>	<b>F,S,R,BM</b>
Mar 16 2010	31" 17mmT4	PF,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,R=G		
<b>H351-3</b>	<b>NGC 3550</b>	<b>UMa</b>	<b>Galaxy Pec</b>	<b>F(VAR),S,R,BM,10F4</b>
Apr 09 2008	31" 17mmT4	PB,PL,OVAL,LARGE BNUC,GMBM,MOD HISB MIDDLE,PAIRS=AGC1185,R=F		
Mar 16 2009	31" 17mmT4	MF,PL,R,LARGE BNUC,GRAD BM,HISB MIDDLE,AGC,R=F		
<b>H352-2</b>	<b>NGC 3772</b>	<b>Leo</b>	<b>Galaxy SBa</b>	<b>VF,S,E,R</b>
Mar 16 2010	31" 17mmT4	MF,ML,ELONG,LARGE FNUC,SOMEWHAT HISB MIDDLE,R=F		
<b>H352-3</b>	<b>NGC 3552</b>	<b>UMa</b>	<b>Galaxy E</b>	<b>EF,VS,2ND OF 4</b>
Apr 09 2008	31" 17mmT4	PF,PS,OVAL.LARGE FNUC,SOMEWHAT HISB MIDDLE,PAIRS=AGC1185,R=F		
Mar 16 2009	31" 17mmT4	MF,PS,R,LARGE BNUC,MOD HISB MIDDLE,AGC,R=F		
<b>H353-2</b>	<b>NGC 4162</b>	<b>Com</b>	<b>Galaxy (R)SA(rs)bc</b>	<b>B,L,IE,BM</b>
Feb 27 1982	12.5" 16mm	DIF,MF,PS,B*S,F*N,MOD HISB,NNS,R		
<b>H354-2</b>	<b>NGC 4213</b>	<b>Com</b>	<b>Galaxy E</b>	<b>CF,VS,R</b>
Feb 27 1982	12.5" 16mm	VDIF,VF,ES,FNUC,STELL NUC,B* IN FIELD		
<b>H354-3</b>	<b>NGC 4004</b>	<b>Leo</b>	<b>Galaxy Pec</b>	<b>F,VS,R,*12 NEAR</b>
Mar 08 2010	31" 17mmT4	MB,ML,OVAL,UB,NND,SHISB,R=G		
<b>H358-2</b>	<b>NGC 3274</b>	<b>Leo</b>	<b>Galaxy SABd?</b>	<b>F,PL,R,GLBM,D* F</b>
Feb 25 1984	12.5" 12mm	VDIF,VF,MS,PATCHY,WIDE TRI OF *S AROUND OBJECT,UB,NND		
Jan 30 1981	12.5" 24mm	DIF,PF,PL,FNUC,FAINT HALO		
<b>H358-3</b>	<b>NGC 4169</b>	<b>Com</b>	<b>Galaxy S0</b>	<b>F,S,1ST OF 4</b>

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<b>H358-3</b>	<b>NGC 4169</b>	<b>Com</b>	<b>Galaxy S0</b>	<b>F,S,1ST OF 4</b>
Feb 27 1982	12.5"	16mm	PF,VS,BNUC,F*S 1 GAL DIA,SBM,R,CLOSE PAIR/4170/4175 IN TRI SHAPE	
Mar 17 2009	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,HISB MIDDLE,OTHERS PRESENT,EXCELLENT GROUP,R=E	
May 30 2014	36"	17mmT4	PB,ML,OVAL,LBNUC,GMBM,GRANULAR CORE,PAIRS=4171,4175,4174,R=GE	
<b>H359-2</b>	<b>NGC 3277</b>	<b>LMi</b>	<b>Galaxy SA(r)ab</b>	<b>CB,CS,R,PGMBM</b>
Dec 03 1980	12.5"	24mm		
Feb 25 1982	12.5"	16mm	DIF,MF,MS,FNUC,SBM,R	
<b>H359-3</b>	<b>NGC 4174</b>	<b>Com</b>	<b>Galaxy S?</b>	<b>F,S,3RD OF 4</b>
Mar 17 2009	31"	17mmT4	PB,PL,ELONG,BNUC,TIGHT NUC REGION,OTHERS PRESENT,EXCELLENT GROUP,R=G	
May 30 2014	36"	17mmT4	PB,PL,OVAL,SBNUC,PAIRS=4171,4175,4169,R=G	
<b>H360-2</b>	<b>NGC 3380</b>	<b>LMi</b>	<b>Galaxy (R')SBa?</b>	<b>PB,PS,R,SBM</b>
Feb 15 2004	31"	17mmT4	PB,ML,ELONG,SMALL BNUC,SOMEWHAT HISB MIDDLE,R=F	
<b>H360-3</b>	<b>NGC 4175</b>	<b>Com</b>	<b>Galaxy S</b>	<b>F,ES,4TH OF 4</b>
Feb 27 1982	12.5"	16mm	VF,VS,ELONG,FNUC,F*S,UB,SBM,COMP FORM TRI	
Mar 17 2009	31"	17mmT4	MB,ML,EDGE ON,LARGE FNUC,CENTRAL BULGE,OTHERS,EXCELLENT GROUP,R=G	
May 30 2014	36"	17mmT4	MB,PL,EDGE ON,SFNUC,SOMEWHAT SLIGHT CENTRAL BULGE,PAIRS=4171,4174,4169,R=G	
<b>H361-2</b>	<b>NGC 3400</b>	<b>LMi</b>	<b>Galaxy SB(s)a:</b>	<b>PF,S,R,BM</b>
Feb 15 2004	31"	17mmT4	MF,MS,ELONG,SMALL BNUC,GMBM,PAIR=MAC,R=F	
<b>H362-2</b>	<b>NGC 3414</b>	<b>LMi</b>	<b>Galaxy S0 pec</b>	<b>B,PL,R,MBM</b>
Dec 03 1980	12.5"	24mm		
Feb 15 2004	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,HISB,PAIRS=3418/MAC,R=E	
Oct 22 1982	12.5"	16mm	MF,MS,BNUC,R,SMBM,SMALL STELL BNUC	
<b>H363-2</b>	<b>NGC 3418</b>	<b>LMi</b>	<b>Galaxy SAB(s)0/a:</b>	<b>CF,S,R,BM</b>
Feb 15 2004	31"	17mmT4	MB,MS,ELONG,OVAL,SMALL BNUC,GBM,PAIRS=3414/MAC,R=F	
<b>H364-2</b>	<b>NGC 3451</b>	<b>LMi</b>	<b>Galaxy Sd</b>	<b>F,PL,VLE,VLBM</b>
Feb 15 2004	31"	17mmT4	MB,ML,OVAL,UB,NND,SHISB,R=F	
<b>H365-2</b>	<b>NGC 3510</b>	<b>LMi</b>	<b>Galaxy SB(s)m sp</b>	<b>F,L,CE,*7NF8'</b>
Feb 15 2004	31"	17mmT4	MB,PL,EDGE ON,UB,NND,CENTRAL BULGE,TAPPERED,UB NUC,R=G	
<b>H366-2</b>	<b>NGC 3512</b>	<b>LMi</b>	<b>Galaxy SAB(rs)c</b>	<b>F,PS,R,PGBM,F OF 2</b>
Dec 03 1980	12.5"	24mm		
<b>H367-2</b>	<b>NGC 3713</b>	<b>Leo</b>	<b>Galaxy S0-:</b>	<b>F,CS,R,SBMN</b>
May 14 2010	31"	17mmT4	MF,MS,OVAL,LARGE BNUC,SOMEWHAT HISB MIDDLE,GBM,R=F	
<b>H368-2</b>	<b>NGC 4008</b>	<b>Leo</b>	<b>Galaxy E5</b>	<b>PB,PS,E,PSBM,*INV N</b>
Jan 30 1981	12.5"	24mm	DIF,PF,PS,FNUC,FAINT HALO	
Mar 03 1984	12.5"	12mm	VF,VS,FNUC,SMALL FAINT NUC,SLIGHTLY ELONG,F*N SEVERAL GAL DIA	
<b>H369-2</b>	<b>NGC 4017</b>	<b>Com</b>	<b>Galaxy SABbc</b>	<b>F,L,E,GBFM</b>
Dec 28 2008	31"	17mmT4	PB,PL,ELONG,OVAL,UB,NND,PATCHY,PAIR=4016,R=G	
<b>H369-3</b>	<b>NGC 5251</b>	<b>Boo</b>	<b>Galaxy S?</b>	<b>VF,S,VLE</b>
May 14 2010	31"	17mmT4	MF,PS,OVAL,R,SMALL FNUC,SOMEWHAT HISB MIDDLE,R=F	
<b>H370-3</b>	<b>NGC 5263</b>	<b>CVn</b>	<b>Galaxy S?</b>	<b>CF,S,ME0,*9SP</b>
Jun 01 2003	12.5"	9mmT6	PB,ML,ELONG,UB,NND,MHISB,R=F	
<b>H371-3</b>	<b>NGC 6001</b>	<b>CrB</b>	<b>Galaxy Sc</b>	<b>VF,S,R</b>
Jun 19 2004	31"	17mmT4	PB,ML,OVAL,VERY SMALL FNUC,MHISB,R=G	
<b>H372-3</b>	<b>NGC 3883</b>	<b>Leo</b>	<b>Galaxy SA(rs)b</b>	<b>VF,CL</b>
May 09 2010	31"	17mmT4	MF,ML,OVAL,R,SMALL FNUC,GRAD BM,LARGE FAINT HALO,R=F	
<b>H373-2</b>	<b>NGC 4185</b>	<b>Com</b>	<b>Galaxy Sbc</b>	<b>CF,L,R,GBM</b>
Feb 27 1982	12.5"	16mm	VDIF,VF,ML,F*SW EDGE,NND,UB,R,FACE ON	
<b>H373-3</b>	<b>NGC 5768</b>	<b>Lib</b>	<b>Galaxy SA(rs)c:</b>	<b>F,R,BMFN,S*S</b>

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<b>H373-3</b>	<b>NGC 5768</b>	<b>Lib</b>	<b>Galaxy SA(rs)c:</b>	<b>F,R,BM FN,S*S</b>
May 02 1981	12.5"	16mm	DIF,MF,VS,DNUC,MOD FAINT HALO,13TH MAG * WITHIN GAL BOUNDRIES	
<b>H374-2</b>	<b>NGC 4196</b>	<b>Com</b>	<b>Galaxy S0?</b>	<b>PB,S,R,VSM BM*</b>
Feb 27 1982	12.5"	16mm	EDIF,VF,ML,F*W SIDE,OVAL,NND	
<b>H374-3</b>	<b>NGC 5913</b>	<b>Ser</b>	<b>Galaxy SB(r)a</b>	<b>VF,PL,VLE,R</b>
Apr 07 2008	31"	17mmT4	EDIF,EF,PL,PATCH,UB,NND,LOC IN BARRON FOV,R=P	
<b>H375-3</b>	<b>NGC 3805</b>	<b>Leo</b>	<b>Galaxy S0-:</b>	<b>CB,CS,R,BM,R</b>
Mar 17 2010	31"	17mmT4	PF,ML,OVAL,LARGE BNUC,GRAN BM,HISB MIDDLE,R=G	
<b>H376-3</b>	<b>NGC 3821</b>	<b>Leo</b>	<b>Galaxy (R)SAB(s)ab</b>	<b>VF,CS,R,BM,BET2ST</b>
Mar 29 2006	31"	17mmT4	MB,MS,R,SMALL BNUC,GMBM,MOD HISB MIDDLE,AGC 1367,R=G	
<b>H377-3</b>	<b>NGC 3842</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>F,S,R,VGLBM,3RD OF 5</b>
Mar 29 2006	31"	17mmT4	MB,MS,R,LARGE BNUC,MHISB,GMBM,AGC 1367,R=G	
<b>H378-2</b>	<b>NGC 4310</b>	<b>Com</b>	<b>Galaxy SB0</b>	<b>F,CL,LE,N OF 2</b>
Apr 26 2003	12.5"	9mmT6	MB,ML,OVAL,PATCH,UB,SOMEWHAT HISB,R=G	
<b>H378-3</b>	<b>NGC 3851</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>EF,VS,R,5TH OF 5</b>
May 09 2010	31"	17mmT4	MB,PS,R,SMALL BNUC,SUDDENLY MBM,R=F	
<b>H379-3</b>	<b>NGC 3926A</b>	<b>Leo</b>	<b>Galaxy E/S0</b>	<b>EF,ES,VLE,ER,ST NR</b>
May 09 2010	31"	17mmT4	PF,PS,SMALL FNUC,INTERACTING=3926B,SUDDENLY BM,CAN SEPERATE,PAIR=PGC37096,R=F	
<b>H379-3</b>	<b>NGC 3926B</b>	<b>Leo</b>	<b>Galaxy E/S0</b>	<b>EF,ES,VLE,ER,ST NR</b>
May 09 2010	31"	17mmT4	PF,PS,SMALL FNUC,INTERACTING=3926A,CAN SEPERATE,PAIR=PGC37096,R=F	
<b>H380-3</b>	<b>NGC 3940</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>VF,CS,R</b>
Mar 16 2010	31"	17mmT4	MF,MS,OVAL,SMALL BNUC,GRAD MBM,SHISB MIDDLE,R=F	
<b>H381-2</b>	<b>NGC 4692</b>	<b>Com</b>	<b>Galaxy E+:</b>	<b>F,CS,R,BM</b>
Mar 17 2018	36"	17mmT4	MB,MS,OVAL,S BRT NUC,HISB MIDDLE,R=G	
<b>H381-3</b>	<b>NGC 3954</b>	<b>Leo</b>	<b>Galaxy E?</b>	<b>EF,R</b>
Mar 16 2010	31"	17mmT4	MF,MS,R,SMALL BNUC,GMBM,HALO,R=F	
<b>H382-2</b>	<b>NGC 4798</b>	<b>Com</b>	<b>Galaxy S0-:</b>	<b>PF,PS,GBM</b>
May 17 2009	31"	17mmT4	MB,PL,R,LARGE FNUC,SOMEWHAT HISB MIDDLE,AGC1656,R=G	
<b>H383-2</b>	<b>NGC 4816</b>	<b>Com</b>	<b>Galaxy S0-:</b>	<b>VF,PL</b>
May 17 2009	31"	17mmT4	MB,ML,SMALL BNUC,F* OFF SIDE,SMBM,MOD HISB CENTRAL AREA,AGC1656,R=F	
May 18 2009	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,MOD HISB MIDDLE,* OF SIDE,AGC 1656,R=G	
<b>H384-2</b>	<b>NGC 4827</b>	<b>Com</b>	<b>Galaxy S0-</b>	<b>F,CL</b>
May 19 2009	31"	17mmT4	MB,ML,R,LARGE BNUC,GMBM,SMALL BRT TIGHT CORE,AGC 1656,R=F	
<b>H385-3</b>	<b>NGC 3862</b>	<b>Leo</b>	<b>Galaxy E</b>	<b>VF,VS,R,*17N</b>
Mar 29 2006	31"	17mmT4	MB,ML,R,LARGE BNUC,BM,AGC 1367,R=G	
<b>H386-2</b>	<b>NGC 4839</b>	<b>Com</b>	<b>Galaxy E+</b>	<b>F,PL,R</b>
May 19 2009	31"	17mmT4	MB,ML,ELONG,OVAL,LARGE BNUC,MOD HISB MIDDLE,GRANULAR AREAS,AGC 1656,R=G	
<b>H386-3</b>	<b>NGC 3860</b>	<b>Leo</b>	<b>Galaxy S?</b>	<b>VF,VS,RESOLVABLE</b>
Mar 29 2006	31"	17mmT4	MB,ML,ELONG,OVAL,LARGE FNUC,SOMEWHAT HISB MIDDLE,AGC1367,R=G	
May 09 2010	31"	17mmT4	MB,ML,OVAL,LARGE FNUC,GRAD BM,PAIRS=PGC'S/MAC'S,R=G	
<b>H387-3</b>	<b>NGC 3875</b>	<b>Leo</b>	<b>Galaxy S0/a</b>	<b>VF,VS,RESOLVABLE</b>
May 09 2010	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,GRAD MBM,HISB MIDDLE,CLOSE COMP=3873,R=G	
<b>H388-2</b>	<b>NGC 4869</b>	<b>Com</b>	<b>Galaxy E3</b>	<b>CF,S,R,*7N</b>
May 14 2009	31"	17mmT4	MF,MSR,F* JUST OFF SIDE,SMALL BNUC,AGC 1656,R=F	
<b>H388-3</b>	<b>NGC 3884</b>	<b>Leo</b>	<b>Galaxy SA(r)0/a</b>	<b>CF,S,IR,GBM,R,*7SP6'</b>
May 09 2010	31"	17mmT4	MB,ML,OVAL,R,LARGE FNUC,KEEP B* OUT OF FOV,GRAD MB,LARGE HALO AROUND NUC,PAIRS=OTHERS,R=G	

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<b>H389-2</b>	<b>NGC 4874</b>	<b>Com</b>	<b>Galaxy E+0</b>	<b>F,4869\$72 P</b>
May 14 2009	31"	17mmT4	PB,PL,OVAL,MOD HISB MIDDLE,SMBM,LARGE BNUC,AGC 1656,R=G	
<b>H389-3</b>	<b>NGC 3937</b>	<b>Leo</b>	<b>Galaxy S0-:</b>	<b>EF, VS, 3937 F 12S</b>
Mar 16 2010	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,GRANULAR HALO,HISB MIDDLE,PAIRS=PGC37192/MAC'S,R=G	
<b>H391-2</b>	<b>NGC 4884</b>	<b>Com</b>	<b>Galaxy E+4</b>	<b>CHIEF OF MULT NEB</b>
May 14 2009	31"	17mmT4	VB,VL,OVAL,GMBM,LARGE BNUC,HISB,AGC 1656,R=G	
<b>H392-3</b>	<b>NGC 4069</b>	<b>Com</b>	<b>Galaxy</b>	<b>VF,VS</b>
Mar 08 2010	31"	17mmT4	VF,VS,OVAL,VF* IN GAL,PARIS=NGC'S,MAC,R=P	
<b>H393-3</b>	<b>NGC 4074</b>	<b>Com</b>	<b>Galaxy S0: pec</b>	<b>EF,VS</b>
Mar 08 2010	31"	17mmT4	MB,MS,R,SMALL BNUC,PAIRS=NGC'S/MAC,R=F	
<b>H395-2</b>	<b>NGC 4944</b>	<b>Com</b>	<b>Galaxy S0/a? sp</b>	<b>F,S,R,BM,*9NF1'</b>
Apr 07 2008	31"	17mmT4	MF,MS,ELONG,LARGE FNUC,SOMEWHAT HISB MIDDLE,PAIRS=PGC45162/MAC'S,R=F	
<b>H395-3</b>	<b>NGC 4065</b>	<b>Com</b>	<b>Galaxy E</b>	<b>PF,R,F OF DNEB</b>
Mar 08 2010	31"	17mmT4	MB,ML,OVAL,R,SMALL BNUC,GMBM,HISB MIDDLE,PAIRS=NGC'S/PGC/MAC,R=G	
<b>H396-3</b>	<b>NGC 4076</b>	<b>Com</b>	<b>Galaxy S?</b>	<b>VF,VS</b>
Mar 08 2010	31"	17mmT4	MB,ML,OVAL,LARGE FNUC,SOMEWHAT BM,SLIGHTLY HISB MIDDLE,PAIR=MAC,R=F	
<b>H399-2</b>	<b>NGC 5958</b>	<b>CrB</b>	<b>Galaxy S?</b>	<b>PF,PL,IR,BM,R</b>
Jun 19 2004	31"	17mmT4	MF,MS,R,LARGE FNUC,MOD HISB MIDDLE,R=G	
<b>H400-2</b>	<b>NGC 5910</b>	<b>Ser</b>	<b>Galaxy E?</b>	<b>VF,S,ER</b>
Apr 07 2008	31"	17mmT4	PF,PS,OVAL,SMALL FNUC,HICKSON 74,R=F	
<b>H401-2</b>	<b>NGC 5937</b>	<b>Ser</b>	<b>Galaxy (R')SAB(rs)b p</b>	<b>PB,PS,R,VGBM,3ST F</b>
Jun 01 2008	31"	17mmT4	MB,PL,OVAL,PATCH,UB,NND,SOMEWHAT HISB,VF* OFF NUC,R=G	
<b>H402-2</b>	<b>NGC 6118</b>	<b>Ser</b>	<b>Galaxy SA(s)cd</b>	<b>VF,CL,CE45,R</b>
May 31 1981	12.5"	16mm	DIF,VB,ML,FAINT HALO	
<b>H403-2</b>	<b>NGC 3947</b>	<b>Leo</b>	<b>Galaxy (R)SB(rs)b</b>	<b>F,PS,IE,LBM,**P</b>
Mar 16 2010	31"	17mmT4	MF,PL,LARGE FNUC,IRR,PATCHY,SOME SPIRAL STR SUSP,PAIR=MAC,R=G	
<b>H404-2</b>	<b>NGC 4032</b>	<b>Com</b>	<b>Galaxy Im:</b>	<b>PF,PL,R,GBM,*12NF</b>
Feb 27 1982	12.5"	16mm	VDIF,MF,MS,OVAL-PATCHY,SBM,F*W OF GAL	
<b>H405-2</b>	<b>NGC 4158</b>	<b>Com</b>	<b>Galaxy SA(r)b:</b>	<b>F,PS,LE,BM,PB*SF</b>
Feb 27 1982	12.5"	16mm	MF,PS,BNUC,HISB,GMBM,*W 1 GAL DIA	
<b>H406-2</b>	<b>NGC 4336</b>	<b>Com</b>	<b>Galaxy SB0/a</b>	<b>VF,PL,IR,(BIN)</b>
Apr 26 2003	12.5"	9mmT6	VB,PL,OVAL,UB,VERY HISB,R=E	
<b>H407-3</b>	<b>NGC 5223</b>	<b>CVn</b>	<b>Galaxy E</b>	<b>F,CS,R,*10P,P OF 2</b>
Feb 15 2004	31"	17mmT4	PB,PL,OVAL,LARGE BNUC,HISB,GMBM,PAIRS=MACS,R=G	
<b>H408-3</b>	<b>NGC 5228</b>	<b>CVn</b>	<b>Galaxy S0-:</b>	<b>VF,VS,R,F OF 2</b>
Feb 15 2004	31"	17mmT4	PB,ML,R,LARGE BNUC,MOD HISB,R=G	
<b>H409-2</b>	<b>NGC 4190</b>	<b>CVn</b>	<b>Galaxy Im pec</b>	<b>CF,PS,R,VGLBM,R</b>
Jan 26 1982	12.5"	16mm	VDIF,VF,PL,EDGE ON,NND,UB	
<b>H409-3</b>	<b>NGC 5240</b>	<b>CVn</b>	<b>Galaxy SB(s)cd?</b>	<b>VF,PL,R,LBM</b>
Feb 15 2004	31"	17mmT4	PF,VL,OVAL,PATCH,UB,NND,R=G	
<b>H410-3</b>	<b>NGC 5265</b>	<b>CVn</b>	<b>Galaxy Irr</b>	<b>F,CS,VLE,ER</b>
Feb 15 2004	31"	17mmT4	MF,MS,R,UB,NND,SHISB,* OFF EDGE,R=G	
<b>H412-2</b>	<b>NGC 4711</b>	<b>CVn</b>	<b>Galaxy Sb:</b>	<b>F,S,E,GLBM,ER</b>
Feb 25 2004	31"	17mmT4	MF,PL,PATCH,UB,NND,IRR,R=G	
<b>H413-2</b>	<b>NGC 4956</b>	<b>CVn</b>	<b>Galaxy S0</b>	<b>PB,CS,R,SMBM</b>
Mar 22 2004	12.5"	12mmT4	R,LARGE BNUC,SBM,SOMEWHAT HISB MIDDLE,R=F	
<b>H413-3</b>	<b>NGC 5445</b>	<b>CVn</b>	<b>Galaxy S0?</b>	<b>F,*13P</b>
Feb 25 1982	12.5"	16mm	VDIF,VF,VS,ELONG,F*S EDGE,NND,CIGAR SHAPE,B* OFF NE,PAIR/5444	

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<b>H413-3</b>	<b>NGC 5445</b>	<b>CVn</b>	<b>Galaxy S0?</b>	<b>F,*13P</b>
Feb 25 1982	12.5" 16mm	VDIF,VF,VS,ELONG,F*S	EDGE,NND,CIGAR SHAPE,B*	OFF NE,PAIR/5444
<b>H414-3</b>	<b>NGC 5529</b>	<b>Boo</b>	<b>Galaxy Sc: sp</b>	<b>CF,PL,VME110,VGVMBM</b>
Mar 26 2006	31" 17mmT4	PB,VL,EDGE ON,UB,NND,LARGE	CENTRAL REG,SLIGHT BULGE IN	MIDDLE,PAIR=P50952,R=E
<b>H415-3</b>	<b>NGC 5579</b>	<b>Boo</b>	<b>Galaxy Sc</b>	<b>VF,CL,P OF 2</b>
Mar 29 2006	31" 17mmT4	DIF,PF,VL,R,UB,NND,R=F		
<b>H416-2</b>	<b>NGC 5440</b>	<b>CVn</b>	<b>Galaxy Sa</b>	<b>PF,CS,LE,BM,*11SP</b>
Feb 25 1982	12.5" 16mm	VDIF,PS,MF,ELONG,FNUC,NND,F*S	TIP,UB,SMBM	
<b>H416-3</b>	<b>NGC 5589</b>	<b>Boo</b>	<b>Galaxy SBa</b>	<b>VF,S,R,NP OF 2</b>
Mar 26 2006	31" 17mmT4	MB,ML,R,SBNUC,FAINT HALO,	SOMEWHAT HISB MIDDLE,BM,PAIR=5590/PGC51285,R=F	
<b>H417-2</b>	<b>NGC 5444</b>	<b>CVn</b>	<b>Galaxy E+:</b>	<b>PB,PL,IVLE,VSMBM</b>
Jan 28 1982	12.5" 16mm	MF,PS,BNUC,R,GBM,F* OFF TO S,	PAIR/5445	
<b>H417-3</b>	<b>NGC 5590</b>	<b>Boo</b>	<b>Galaxy S0</b>	<b>CF,S,R,BM*,SF OF 2</b>
Mar 26 2006	31" 17mmT4	PB,ML,R,LBNUC,FAINT HALO,SMBM,	HISB MIDDLE,MOD HISB,PAIR=5589/PGC51285,R=G	
<b>H418-2</b>	<b>NGC 5533</b>	<b>Boo</b>	<b>Galaxy SA(rs)ab</b>	<b>PB,R,VSMBM,20R3*INV</b>
May 06 1981	12.5" 24mm	DIF,VF,PL,FAINT HALO		
<b>H419-2</b>	<b>NGC 5544</b>	<b>Boo</b>	<b>Galaxy (R)SB(rs)0/a</b>	<b>F,PS,E80,DW/45 ORBIN</b>
Mar 29 2006	31" 17mmT4	MF,MS,OVAL,LARGE FNUC,VF* IN GAL,	INTERACTING=5545,R=G	
<b>H420-2</b>	<b>NGC 5614</b>	<b>Boo</b>	<b>Galaxy SA(r)ab pec</b>	<b>PB,S,R,SMBM</b>
Mar 29 2006	31" 17mmT4	PB,PL,R,LARGE BNUC,HISB MIDDLE,	COMP=5615/PAIRS=5613/5609,R=G	
May 06 1981	12.5" 24mm	MF,PS,DIM HALO		
<b>H424-2</b>	<b>NGC 5347</b>	<b>CVn</b>	<b>Galaxy (R')SB(rs)ab</b>	<b>PF,CL,R,LBM</b>
Jan 28 1982	12.5" 16mm	EDIF,PF,PS,ELONG,S OF * IN FIELD,	NND	
Jan 28 1982	12.5" 24mm	EASIER TO DET THAN IN 16MM		
<b>H425-2</b>	<b>NGC 5990</b>	<b>Ser</b>	<b>Galaxy (R')Sa pec?</b>	<b>VF,VS,R,GBM</b>
Apr 06 2008	31" 17mmT4	MB,ML,LARGE BNUC,HISB MIDDLE,	GRADUALLY BM,,PAIR=PGC55992,R=G	
<b>H425-3</b>	<b>NGC 5233</b>	<b>CVn</b>	<b>Galaxy Sab</b>	<b>F,S,R,VS*NR</b>
Feb 15 2004	31" 17mmT4	MB,MS,OVAL,SMALL BNUC,HISB	MIDDLE,R=G	
<b>H426-2</b>	<b>NGC 6962</b>	<b>Aqr</b>	<b>Galaxy SAB(r)ab</b>	<b>CF,S,R,BM</b>
Aug 03 2002	12.5" 12mm	MB,PL,MOD HISB,LARGEST OF GROUP,	PATCHY,OVAL,2 OF 6	
Sep 13 2009	31" 17mmT4	PB,PL,OVAL,LARGE BNUC,HISB	MIDDLE,PAIRS=MANY OTHERS,R=G	
<b>H426-3</b>	<b>NGC 7685</b>	<b>Psc</b>	<b>Galaxy SAB(s)c:</b>	<b>EF,CL,R,GBM,**NR</b>
Sep 12 2012	36" 17mmT4	PF,ML,PATCH,UB,NND,R=F		
Sep 12 2012	36" 17mmT4	VF,PL,PATCH,UB,NND,PAIR=PGC71630,	R=F	
<b>H427-2</b>	<b>NGC 6964</b>	<b>Aqr</b>	<b>Galaxy E+ pec:</b>	<b>F,VS,R,BM,*14SF1/2'</b>
Aug 03 2002	12.5" 12mm	DIF,PF,ML,F* OFF ONE SIDE,PATCH,	UB,GALAXY GROUP, 1 OF 6	
Sep 13 2009	31" 17mmT4	PB,PL,OVAL,LARGE BNUC,HISB	MIDDLE,PAIRS=MANY OTHERS,R=G	
<b>H428-2</b>	<b>NGC 7311</b>	<b>Peg</b>	<b>Galaxy Sab</b>	<b>PF,S,R,PSBM,R</b>
Sep 17 2003	31" 25mm	PB,PL,ELONG,BNUC,HISB,LARGE	NUC AREA,GMBM,FAINT ARMS,R=E	
Sep 18 1982	12.5" 16mm	DIF,PF,MS,BNUC,R,GBM		
<b>H429-2</b>	<b>NGC 7537</b>	<b>Psc</b>	<b>Galaxy SABc:</b>	<b>VF,CS,R,BM,SP OF 2</b>
Sep 17 2009	31" 17mmT4	PB,ML,OVAL,UB,NND,MOD HISB,	ENDS TAPPERED,PAIR=7541,EXCELLENT PAIR,R=G	
<b>H429-3</b>	<b>NGC 274</b>	<b>Cet</b>	<b>Galaxy SAB(r)0- pec</b>	<b>PB,PS,SMBM,NP OF 2</b>
Oct 13 2007	31" 17mmT4	VB,PL,R,LARGE BNUC,HISB,HALO	AROUND NUC,PAIR=275,GMBM,R=G	
Sep 24 1981	12.5" 16mm	PF,VS,INTERACTING W/ 275,NUC	BRTER THAN 275,CAN JUST BARELY SPLIT THE TWO	
<b>H430-2</b>	<b>NGC 7541</b>	<b>Psc</b>	<b>Galaxy SB(rs)bc: pec</b>	<b>B,L,ME97,MBM,NF OF 2</b>
Oct 30 1981	12.5" 24mm	FAINT,E1 GAL CLOSE BY		

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<b>H430-2</b>	<b>NGC 7541</b>	<b>Psc</b>	<b>Galaxy SB(rs)bc: pec</b>	<b>B,L,ME97,MBM,NF OF 2</b>
Oct 30 1981	12.5"	24mm	FAINT,E1 GAL CLOSE BY	
Oct 31 1980	12.5"	24mm	FAINT ELIPTICAL COMP BESIDE OBJECT	
Sep 17 2009	31"	17mmT4	VB,EL,ELONG,UB,NND,HISB,IRR,ONE END THICKER THAN OTHER,PAIR=7537,EXCELLENT PAIR,R=E	
<b>H430-3</b>	<b>NGC 273</b>	<b>Cet</b>	<b>Galaxy S0 sp</b>	<b>VF,VS</b>
Oct 13 2007	31"	17mmT4	PB,PL,OVAL,LARGE BNUC,HISB,* OFF EDGE,R=G	
<b>H431-2</b>	<b>NGC 7600</b>	<b>Aqr</b>	<b>Galaxy S0- sp</b>	<b>CF,S,R,PSMBM</b>
Jul 10 1981	12.5"	16mm	SOMEWHAT EDGE ON,DIF,PF,PS,FAINT HALO	
<b>H432-2</b>	<b>NGC 7721</b>	<b>Aqr</b>	<b>Galaxy SA(s)c</b>	<b>PF,CL,E12,VGBM</b>
Jul 10 1981	12.5"	16mm	NO SPR STR,UB,DIF,PF,ML,ELONG	
Sep 09 1980	12.5"	24mm	SIMILAR IN APPEARANCE TO 7184,SHOWS SHAPE WELL	
<b>H433-2</b>	<b>NGC 337</b>	<b>Cet</b>	<b>Galaxy SB(s)d</b>	<b>PF,L,E,GLBM,*10F21S</b>
Sep 09 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	DIF,MB,ML,HISB,NND,PATCHY,OVAL	
<b>H433-3</b>	<b>NGC 790</b>	<b>Cet</b>	<b>Galaxy SA(r)0^?</b>	<b>CF,CS,R,BM</b>
Nov 22 2006	12.5"	12mmT4	VF,PS,OVAL,PATCH,UB,LARGE FNUC,R=P	
<b>H434-2</b>	<b>NGC 357</b>	<b>Cet</b>	<b>Galaxy SB(r)0/a:</b>	<b>F,S,IR,SBM,*14NF20"</b>
Sep 27 1981	12.5"	16mm	DIF,MF,PS,OVAL,SBM,BRT H-2 REGIONS SUSP,PATCHY-DUSTY,F* SE	
<b>H434-3</b>	<b>NGC 991</b>	<b>Cet</b>	<b>Galaxy SAB(rs)c</b>	<b>VF,CL,IF,VLBM</b>
Sep 18 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	VDIF,VF,PL.12 MAG * S ARM,FACE ON?,NND,UB,BETTER IN 24MM	
<b>H435-2</b>	<b>NGC 788</b>	<b>Cet</b>	<b>Galaxy SA(s)0/a:</b>	<b>PF,PS,R,BM</b>
Nov 22 2006	12.5"	12mmT4	MB,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,R=G	
Sep 09 1980	12.5"	32mm	EF	
Sep 27 1981	12.5"	16mm	DIF,PF,PS,GBM,OVAL,24MM DIF OVAL PATCH	
<b>H435-3</b>	<b>NGC 7623</b>	<b>Peg</b>	<b>Galaxy SA0^:</b>	<b>F,VS,R,PSBM</b>
Sep 27 1981	12.5"	16mm	VDIF,MF,PS,NNS,R,DIF HALO,4 COMP GAL	
<b>H436-2</b>	<b>NGC 881</b>	<b>Cet</b>	<b>Galaxy SAB(r)c</b>	<b>F,PS,E,BM,2OR3*NR</b>
Oct 12 2007	31"	17mmT4	MB,VL,PATCH,UB,NND,BRT * IN FOV,R=F	
<b>H436-3</b>	<b>NGC 7816</b>	<b>Psc</b>	<b>Galaxy Sbc</b>	<b>VF,PL,R,GBM</b>
Oct 12 2012	36"	17mmT4	PB,ML,R,LARGE BNUC,HISB MIDDLE,GMBM,PAIR=7818,R=FG	
<b>H437-2</b>	<b>NGC 883</b>	<b>Cet</b>	<b>Galaxy SA(s)0-:</b>	<b>PF,PS,VLE,BM,D*NR</b>
Oct 12 2007	31"	17mmT4	PB,ML,R,LARGE BNUC,MOD HISB,HALO AROUND NUC AREA,R=G	
<b>H438-2</b>	<b>NGC 895</b>	<b>Cet</b>	<b>Galaxy Sc</b>	<b>F,VL,IR,GBM,DNEBW894</b>
Sep 18 1980	12.5"	24mm		
<b>H438-3</b>	<b>NGC 7665</b>	<b>Aqr</b>	<b>Galaxy Sm</b>	<b>EF,S,STELLAR</b>
Oct 07 2010	31"	17mmT4	MF,MS,OVAL,R,UB,MOD HISB,R=F	
<b>H439-2</b>	<b>NGC 7619</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>CB,PS,R,PSBM</b>
Oct 04 2005	31"	17mmT4	VB,VL,R,LARGE BNUC,HISB,GMBM,PAIR=7619,R=E	
Oct 31 1980	12.5"	24mm	PAIR/7626	
Sep 07 1980	12.5"	24mm	COMP PRESENT,BOTH HAVE BNUC	
Sep 21 1984	12.5"	12mm	PF,PS,3 COMP DET,FORMS A TRI WITH A B* IN MIDDLE,R,BM,NO *S	
Sep 24 1981	12.5"	16mm	MF,PS,DNUC,R,GBM	
<b>H440-2</b>	<b>NGC 7626</b>	<b>Peg</b>	<b>Galaxy E pec:</b>	<b>CB,PS,R,PSBM</b>
Oct 31 1980	12.5"	24mm	PAIR/7619	
Sep 21 1984	12.5"	12mm	PF,PS,F* CLOSE BY,R-OVAL,SBM,PAIR/7619	



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<b>H440-2</b>	<b>NGC 7626</b>	<b>Peg</b>	<b>Galaxy E pec:</b>	<b>CB,PS,R,PSBM</b>
Sep 21 1984	12.5" 12mm		PF,PS,F* CLOSE BY,R-OVAL,SBM,PAIR/7619	
Sep 24 1981	12.5" 16mm		MF,PS,DNUC,COMP SUSP SE BY B*,SAME VIS APPAREANCE AS 7619,PAIR/7319	
<b>H440-3</b>	<b>NGC 450</b>	<b>Cet</b>	<b>Galaxy SAB(s)cd:</b>	<b>VF,L</b>
Sep 27 1981	12.5" 16mm		VDIF,MF,ML,ELONG,JUST N OF SMALL TRIANGLE,KEEP B* OUT OF FIELD,NND,UB	
<b>H441-2</b>	<b>NGC 7634</b>	<b>Peg</b>	<b>Galaxy SB0</b>	<b>F,S,F**ATT</b>
Oct 20 2006	31" 17mmT4		MF,MS,ELONG,LARGE BNUC,MOD HISB,F* OFF EDGE,R=F	
<b>H441-3</b>	<b>NGC 560</b>	<b>Cet</b>	<b>Galaxy S0^ sp</b>	<b>VF,VS,IE,P OF 2</b>
Sep 19 2009	31" 17mmT4		MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,PAIR=564,R=G	
<b>H442-2</b>	<b>NGC 7364</b>	<b>Aqr</b>	<b>Galaxy S0/a pec:</b>	<b>F,S,R,PSBM</b>
Sep 02 2005	31" 17mmT4		MF,MS,ELONG,LARGE BNUC,GMBM,BM,MOD HISB MIDDLE,R=G	
<b>H442-3</b>	<b>NGC 564</b>	<b>Cet</b>	<b>Galaxy E</b>	<b>VF,VS,IF,F OF 2</b>
Sep 19 2009	31" 17mmT4		MB,ML,LARGE BNUC,MOD HISB MIDDLE,PAIR=560,R=G	
<b>H443-2</b>	<b>NGC 7391</b>	<b>Aqr</b>	<b>Galaxy E:</b>	<b>CF,CS,R,SBM*13,*NP</b>
Sep 04 2005	31" 17mmT4		PB,ML,R,LARGE BNUC,HISB MIDDLE,FAINT HALO,R=G	
<b>H444-2</b>	<b>NGC 227</b>	<b>Cet</b>	<b>Galaxy S0- pec:</b>	<b>F,PL,LBM</b>
Sep 10 1980	12.5" 24mm			
Sep 24 1981	12.5" 16mm		VF,ES,B * LIKE NUC,NO **S ASSOCIATED	
Sep 24 1981	12.5" 16mm		VF,ES,B* LIKE NUC,NO **S ASSOCIATED	
<b>H445-2</b>	<b>NGC 245</b>	<b>Cet</b>	<b>Galaxy SA(rs)b pec?</b>	<b>F,PS,IF,ER</b>
Oct 31 1980	12.5" 24mm			
Sep 24 1981	12.5" 16mm		VDIF,PF,BS,2 F*S TO S 1 GAL DIA,NND,UNIFORM BRIGHNESS,PATCHY	
<b>H446-2</b>	<b>NGC 271</b>	<b>Cet</b>	<b>Galaxy (R')SB(rs)ab</b>	<b>PF,S,LE,PSBM,*8F5S</b>
Oct 13 2007	31" 17mmT4		PB,PL,OVAL,LARGE BNUC,HISB,B* CLOSE BY,SOME BAR SUSP,R=G	
<b>H446-3</b>	<b>NGC 1358</b>	<b>Eri</b>	<b>Galaxy SAB(r)0/a</b>	<b>VF,S,BET2*</b>
Oct 24 1981	12.5" 12mm		DIF,PF,PS,R,SBM	
Oct 31 1980	12.5" 24mm			
<b>H447-3</b>	<b>NGC 1924</b>	<b>Ori</b>	<b>Galaxy SB(r)bc</b>	<b>VF,PL,IR,ST NR</b>
Oct 01 2005	31" 17mmT4		DIF,PF,ML,PATCH,NND,VF* ON EDGE,R=F	
<b>H448-2</b>	<b>NGC 545</b>	<b>Cet</b>	<b>Galaxy SA0-</b>	<b>STELLAR,P OF DNEB</b>
Sep 18 2009	31" 17mmT4		MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,AGC 194,R=G	
<b>H448-3</b>	<b>NGC 2110</b>	<b>Ori</b>	<b>Galaxy SAB0-</b>	<b>EF,CS,LE,PSLBM,ER</b>
Dec 07 2005	31" 17mmT4		PB,MS,OVAL.LARGE BNUC,MOD HISB MIDDLE,R=G	
<b>H449-2</b>	<b>NGC 547</b>	<b>Cet</b>	<b>Galaxy E1</b>	<b>STELLAR,F OF DNEB</b>
Sep 18 2009	31" 17mmT4		MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,AGC 194,R=G	
<b>H449-3</b>	<b>NGC 1114</b>	<b>Eri</b>	<b>Galaxy SA(r)c</b>	<b>PF,PL,PME,GLBM</b>
Sep 06 2002	12.5" 9mmT6		EDIF,PF,PL,ELONG,UB,NND	
<b>H450-2</b>	<b>NGC 7443</b>	<b>Aqr</b>	<b>Galaxy SB(s)0+: sp</b>	<b>F,VS,VLE,SMBM,ER,N-2</b>
Sep 04 2005	31" 17mmT4		PB,PL,ELONG,LARGE BNUC,HISB MIDDLE,PAIR=7444,R=G	
<b>H451-2</b>	<b>NGC 7444</b>	<b>Aqr</b>	<b>Galaxy SB(r)0^? sp</b>	<b>F,VS,VLE,SMBM,ER,S-2</b>
Sep 04 2005	31" 17mmT4		PB,VL,ELONG,LARGE BNUC,HISB MIDDLE,PAIR=7443,R=G	
<b>H452-2</b>	<b>NGC 210</b>	<b>Cet</b>	<b>Galaxy SAB(s)b</b>	<b>B,PS,R,PSBM,R,*11P2'</b>
Sep 09 1980	12.5" 24mm			
Sep 10 1980	12.5" 24mm			
Sep 24 1981	12.5" 16mm		MB.PL,DNUC,GBM,F * W 1 GAL DIA,S OVAL,PAIR W 178 IN 24 MM	
<b>H452-3</b>	<b>NGC 7156</b>	<b>Peg</b>	<b>Galaxy SAB(rs)cd:</b>	<b>F,PL,R,BM,R</b>
Aug 10 2002	12.5" 9mmT6		VDIF,VF,PL,OVAL,UB,NND	
<b>H453-2</b>	<b>NGC 7393</b>	<b>Aqr</b>	<b>Galaxy SB(rs)c pec</b>	<b>VF,PL,LE,VGBM,R</b>

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<b>H453-2</b>	<b>NGC 7393</b>	<b>Aqr</b>	<b>Galaxy SB(rs)c pec</b>	<b>VF,PL,LE,VGBM,R</b>
Sep 04 2005	31"	17mmT4	MB,PL,PATCH,UB,NND,MOD HISB,R=G	
<b>H453-3</b>	<b>NGC 1762</b>	<b>Ori</b>	<b>Galaxy SA(rs)c:</b>	<b>VF,VS</b>
Sep 06 2002	12.5"	9mmT6	DIF,PF,MS,OVAL,STELL NUC,SBM,MOD HISB	
<b>H454-2</b>	<b>NGC 7576</b>	<b>Aqr</b>	<b>Galaxy SA(r)0+</b>	<b>F,S,SMBM</b>
Nov 11 2009	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,GRANULAR HALO AROUND NUC,R=G	
<b>H455-2</b>	<b>NGC 1417</b>	<b>Eri</b>	<b>Galaxy SAB(rs)b</b>	<b>PF,PL,LE,LBM,*SF</b>
Oct 24 1981	12.5"	12mm	VDIF,MF,PS,N OF F*,UB,FNUC DET	
<b>H455-3</b>	<b>NGC 1073</b>	<b>Cet</b>	<b>Galaxy SB(rs)c</b>	<b>VF,L,LBM,ER</b>
Sep 09 1980	12.5"	32mm	EL,PF,JUST BELOW SMALL TRI OF *S	
Sep 18 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	VDIF,MF,VL,SBM,R-OVAL,UB,NND,BETTER IN 24MM	
<b>H456-3</b>	<b>NGC 36</b>	<b>Psc</b>	<b>Galaxy SAB(rs)b</b>	<b>VF,PS,IF</b>
Dec 12 2012	36"	17mmT4	MF,MS,OVAL,R,SMALL FNUC,TOUCHING=PGC797,GRANULAR,R=F	
<b>H457-3</b>	<b>NGC 864</b>	<b>Cet</b>	<b>Galaxy SAB(rs)c</b>	<b>EF,CL,R,GBM,*12SFATT</b>
Oct 12 2007	31"	17mmT4	MB,ML,R,SMALL BNUC,B* OFF ONE EDGE,MOD HISB,BM,R=G	
Sep 18 1980	12.5"	24mm	B* IN CENTER	
Sep 27 1981	12.5"	16mm	MB,MS,OVAL,HISB,12 MAG * NE PART FOLLOWED BY 2F*S NE & N 1 GAL DIA,NND	
<b>H458-2</b>	<b>NGC 1440</b>	<b>Eri</b>	<b>Galaxy SB0</b>	<b>PB,PS,R,SMBM*13</b>
Oct 24 1981	12.5"	12mm	DIF,MF,MS,PATCHY,FNUC DET,OVAL,PAIR/1452	
<b>H458-3</b>	<b>NGC 7252</b>	<b>Aqr</b>	<b>Galaxy (R)SA(r)0^:</b>	<b>F,S,R,ER</b>
Jul 10 1981	12.5"	24mm	DIF,EF,VS,GBM,F* APPEARS TO BE IN THE GAL	
Sep 10 1980	12.5"	16mm		
<b>H459-2</b>	<b>NGC 1452</b>	<b>Eri</b>	<b>Galaxy (R')SB(r)0/a</b>	<b>F,R,LBM</b>
Oct 24 1981	12.5"	12mm	DIF,MF,PS,SAME DESC AS 1440,PAIR/1440	
<b>H460-2</b>	<b>NGC 1461</b>	<b>Eri</b>	<b>Galaxy SA(r)0^</b>	<b>PB,S,LE,MBM</b>
Oct 30 1981	12.5"	12mm	DIF,MB,PS,BNUC,SLIGHTLY ELONG,UB IN NUC,MBM	
<b>H461-2</b>	<b>NGC 521</b>	<b>Cet</b>	<b>Galaxy SB(r)bc</b>	<b>F,PL,R,GBM</b>
Sep 27 1981	12.5"	16mm	DIF,MF,MS,DNUC,F*E SIDE,SMALL NUC,R,FACE ON,SLIGHTLY BM,PAIR/533	
<b>H461-3</b>	<b>NGC 24</b>	<b>Sci</b>	<b>Galaxy SA(s)c</b>	<b>VF,CL,ME,GBM</b>
Sep 04 2002	12.5"	16mm	PB,PL,EDGE ON,UB,MOD HISB,F* IN EDGE OF GAL	
<b>H462-2</b>	<b>NGC 533</b>	<b>Cet</b>	<b>Galaxy E3:</b>	<b>PB,PL,R,GBM</b>
Sep 27 1981	12.5"	16mm	MB,MS,BNUC,MBM,R,HISB IN NUC,PAIR/521	
<b>H463-3</b>	<b>NGC 268</b>	<b>Cet</b>	<b>Galaxy SB(s)bc:</b>	<b>VF,PS,ILE,R</b>
Oct 03 1981	12.5"	16mm	VDIF,VF,PS,NND,PATCHY,UB,F* SE SEVERAL GAL DIA	
Oct 03 1981	12.5"	24mm	SEEN BEST IN 24MM FOV	
<b>H464-2</b>	<b>NGC 1550</b>	<b>Tau</b>	<b>Galaxy E-S0</b>	<b>VF,S,R,*13NR</b>
Nov 20 2003	31"	17mmT4	VB,VL,R,LARGE BNUC,GMBM,HISB MIDDLE,MOD HISB,PAIR=IC366,R=E	
Oct 20 2006	31"	17mmT4	MB,PL,ELONG,LARGE BNUC,MOD HISB MIDDLE,PAIR=IC366,R=G	
<b>H464-3</b>	<b>NGC 762</b>	<b>Cet</b>	<b>Galaxy (R')SB(rs)a</b>	<b>VF,S,LE,VGLBM</b>
Nov 22 2006	12.5"	12mmT4	MF,PS,R,LARGE FNUC,R=F	
<b>H465-2</b>	<b>NGC 1090</b>	<b>Cet</b>	<b>Galaxy SB(rs)bc</b>	<b>VF,PL,IR,BM</b>
Sep 09 1980	12.5"	16mm	SAME FOV WITH 1087	
Sep 27 1981	12.5"	16mm	MDIF,MF,PL,FACE ON,NND,UB,OVAL SHAPE,PAIR/1087 AND ANOTHER	
<b>H465-3</b>	<b>NGC 7432</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>EF,S,R</b>
Sep 23 2003	31"	17mmT4	PB,PL,R,LARGE BRT NUC,GMBM,MOD HISB,R=G	
<b>H466-2</b>	<b>NGC 1087</b>	<b>Cet</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,CL,LE,MBM</b>
Oct 29 1980	8"	24mm		

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<b>H466-2</b>	<b>NGC 1087</b>	<b>Cet</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,CL,LE,MBM</b>
Oct 29 1980	8"	24mm		
Sep 09 1980	12.5"	24mm	PAIR/1090	
Sep 18 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	MB,PL,OVAL,HISB,SBM,PAIR/1090 AND ANOTHER	
<b>H466-3</b>	<b>NGC 7794</b>	<b>Peg</b>	<b>Galaxy S?</b>	<b>VF,PS,IR</b>
Oct 01 2005	31"	17mmT4	PB,ML,OVAL,VERY FAINT SNUC,MOD HISB,R=G	
<b>H467-2</b>	<b>NGC 7562</b>	<b>Psc</b>	<b>Galaxy E2-3</b>	<b>CB,PS,IR,PSBM</b>
Sep 04 2002	12.5"	16mm	PF,PS,OVAL,GMBM,LARGE NEC AREA,PAIR/7562A/7557	
<b>H468-2</b>	<b>NGC 7785</b>	<b>Psc</b>	<b>Galaxy E5-6</b>	<b>PB,PS,IR,PSBM,R,*8P</b>
Sep 27 1981	12.5"	16mm	MF,MS,BNUC,NE OF 1 B*,HISB,GMBM	
<b>H468-3</b>	<b>NGC 773</b>	<b>Cet</b>	<b>Galaxy SAB(r)a pec</b>	<b>CF,PL,E0,GLBM</b>
Nov 22 2006	12.5"	12mmT4	PF,PS,OVAL,PATCH,UB,NND,R=F	
<b>H469-2</b>	<b>NGC 7284</b>	<b>Aqr</b>	<b>Galaxy SB(s)0^ pec</b>	<b>CF,CS,LE,R,D*INV</b>
Sep 02 2005	31"	17mmT4	PB,ML,ELONG,LARGE BNUC,GMBM,HISB MIDDLE,INTERACTING=7285,R=G	
<b>H469-3</b>	<b>NGC 1162</b>	<b>Eri</b>	<b>Galaxy E:</b>	<b>F,R,GLBM,STELLAR</b>
Sep 06 2002	12.5"	9mmT6	PB,PL,OVAL,BM,LARGE BRT NUC,SMBM	
Sep 06 2002	12.5"	9mmT6	PF,PS,R,SEVERAL VF*S IN ARMS OF GAL,SMALL NUC REGION	
<b>H470-2</b>	<b>NGC 1140</b>	<b>Eri</b>	<b>Galaxy IBm pec:</b>	<b>PB,S,R,STELLAR</b>
Oct 24 1981	12.5"	12mm	VDIF,PF,VS,R,BETTER IN 16MM,NND,SMBM	
<b>H471-2</b>	<b>NGC 137</b>	<b>Psc</b>	<b>Galaxy S0</b>	<b>F,IF,LBM</b>
Sep 27 2013	36"	17mmT4	MB,MS,R,LARGE BNUC,MOD HISB MIDDLE,R=FG	
<b>H472-2</b>	<b>NGC 255</b>	<b>Cet</b>	<b>Galaxy SAB(rs)bc</b>	<b>F,PS,R,GBM</b>
Sep 09 1980	12.5"	32mm	EDIF,BARELY VISIBLE	
Sep 10 1980	12.5"	24mm		
Sep 24 1981	12.5"	16mm	DIF,PF,PL,PATCHY,NND,NO *S	
<b>H473-2</b>	<b>NGC 601</b>	<b>Cet</b>	<b>Galaxy SAB0- pec:</b>	<b>VF,VS,R,4'SF599</b>
Nov 17 2012	36"	17mmT4	MB,MS,R,SBNUC,SHISB,CANNOT DETECT INTERACTING MAC0132-1210,R=F	
<b>H473-3</b>	<b>NGC 7647</b>	<b>Peg</b>	<b>Galaxy E</b>	<b>EF,(CL),P A ROW OF ST</b>
Oct 25 2006	31"	17mmT4	PB,ML,OVAL,LARGE FNUC,MOD HISB MIDDLE,ABELL CLUSTER 2589,R=G	
<b>H474-2</b>	<b>NGC 873</b>	<b>Cet</b>	<b>Galaxy Sc pec:</b>	<b>F,PL,R,VGLBM</b>
Oct 12 2007	31"	17mmT4	MB,PL,OVAL,R,UB,NND,HISB,R=G	
<b>H474-3</b>	<b>NGC 924</b>	<b>Ari</b>	<b>Galaxy S0</b>	<b>EF,VS,IR</b>
Oct 23 1982	12.5"	16mm	VF,VS,SBM,R,* IN GAL SUSP	
Sep 25 2003	31"	17mmT4	VB,PL,ELONG,LARGE BNUC,HISB MIDDLE,PAIR=PGC9313,R=G	
<b>H475-3</b>	<b>NGC 1036</b>	<b>Ari</b>	<b>Galaxy Pec?</b>	<b>F,S,R,LBM</b>
Oct 23 1982	12.5"	16mm	DIF,VF,PS,R,SBM	
Oct 30 2005	31"	17mmT4	PB,PL,ELONG,LARGE BNUC,BAR LIKE NUC,HISB MIDDLE,R=G	
<b>H476-2</b>	<b>NGC 7309</b>	<b>Aqr</b>	<b>Galaxy SAB(rs)c</b>	<b>VF,PL,R,GLBM,R</b>
Jul 10 1981	12.5"	24mm	NO SHAPE DET,DIF,EF,MS	
<b>H476-3</b>	<b>NGC 160</b>	<b>And</b>	<b>Galaxy (R)SA0+ pec</b>	<b>VF,VS,STELL,*8NP4'</b>
Oct 05 2002	12.5"	9mmT6	PB,PL,FNUC,SBM,OVAL,SMALL NUC	
<b>H477-2</b>	<b>NGC 7371</b>	<b>Aqr</b>	<b>Galaxy (R)SA(r)0/a:</b>	<b>VF,PL,R,LBM</b>
Jul 10 1981	12.5"	16mm	R,NO ARMS,APPEARS SOMEWHAT BM	
<b>H477-3</b>	<b>NGC 280</b>	<b>And</b>	<b>Galaxy SB?</b>	<b>EF,S,R,</b>
Oct 05 2002	12.5"	9mmT6	EDIF,VF,VS,F* OFF TO ONE SIDE,PATCH,OVAL,UB,NND	
Sep 14 2012	36"	17mmT4	PF,PS,SMALL FNUC,IRR IN SHAPE,SOMEWHAT HISB,PAIRS=MAC'S,R=F	
<b>H478-2</b>	<b>NGC 151</b>	<b>Cet</b>	<b>Galaxy SBbc</b>	<b>PF,PL,LE90,VGLBM</b>

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<b>H478-2</b>	<b>NGC 151</b>	<b>Cet</b>	<b>Galaxy SBbc</b>	<b>PF,PL,LE90,VGLBM</b>
Sep 07 1980	12.5"	24mm	FAINT,LOC 157 FIRST	
Sep 10 1980	12.5"	24mm		
Sep 24 1981	12.5"	16mm	DIF,MB,ML,ELONG,F* OFF E SIDE,SBM	
<b>H478-3</b>	<b>NGC 3099</b>	<b>LMi</b>	<b>Galaxy S</b>	<b>EF,S</b>
Dec 26 2003	31"	17mmT4	VF,PS,PATCH,UB,NND,PAIR WITH OTHERS,R=P	
<b>H479-2</b>	<b>NGC 191</b>	<b>Cet</b>	<b>Galaxy SAB(rs)c: pec</b>	<b>PB,PL,IE0,</b>
Sep 17 2009	31"	17mmT4	MF,MS,OVAL,LARGE FNUC,F* BETWEEN GALAXIES,PAIR=IC1563,R=G	
<b>H480-2</b>	<b>NGC 217</b>	<b>Cet</b>	<b>Galaxy S0/a: sp</b>	<b>F,S,LE90,GLBM</b>
Sep 04 2002	12.5"	9mmT6	MB,PL,EDGE ON,TAPPERED,UB,LARGE CENTRAL BULGE	
<b>H480-3</b>	<b>NGC 4241</b>	<b>Vir</b>	<b>Galaxy SA(s)0+:</b>	<b>VF,L,VGBM,*7S</b>
Apr 26 2003	12.5"	9mmT6	PB,PL,ELONG TO OVAL,BNUC,MOD HISB,PAIR/4165/4164,R=E	
<b>H481-2</b>	<b>NGC 681</b>	<b>Cet</b>	<b>Galaxy SAB(s)ab sp</b>	<b>PF,CL,R,GLBM,S*P90"</b>
Nov 22 2006	12.5"	12mmT4	MF,MS,OVAL,PATCH,UB,NND,VF* IN GAL,R=F	
Sep 27 1981	12.5"	16mm	EDIF,VF,VS,F*(14TH) MAG N ARM OF GAL,STELL NUC SUSP,VERY DIF-OVAL	
<b>H481-3</b>	<b>NGC 4356</b>	<b>Vir</b>	<b>Galaxy Scd:</b>	<b>VF</b>
May 30 2014	36"	17mmT4	MB,ML,EDGE ON,NND,PA~45,SOMEWHAT HISB,* JUST OF NUC,TAPPERED ENDS,R=FG	
<b>H482-2</b>	<b>NGC 833</b>	<b>Cet</b>	<b>Galaxy (R')Sa: pec</b>	<b>F,S,R,1ST OF 4</b>
Sep 12 2007	31"	17mmT4	MP,ML,ELONG,SMALL BNUC,SOMEWHAT HISB MIDDLE,HICKSON 16,R=G	
<b>H483-2</b>	<b>NGC 835</b>	<b>Cet</b>	<b>Galaxy SAB(r)ab: pec</b>	<b>F,S,R,2ND OF 4</b>
Sep 12 2007	31"	17mmT4	PB,ML,R,MBM,MOD HISB MIDDLE,MOD HISB MIDDLE,HICKSON 16,R=G	
<b>H483-3</b>	<b>NGC 4464</b>	<b>Vir</b>	<b>Galaxy S?</b>	<b>F,VS,R,PGBM</b>
Mar 16 2010	31"	17mmT4	MB,MS,R,SMALL BNUC,PAIR=4472,R=G	
<b>H484-2</b>	<b>NGC 838</b>	<b>Cet</b>	<b>Galaxy SA(rs)0^ pec:</b>	<b>VF,VS,R,3RD OF 4</b>
Sep 12 2007	31"	17mmT4	PB,ML,R,LARGE BNUC,MBM,MOD HISB MIDDLE,HICKSON 16,R=G	
<b>H485-2</b>	<b>NGC 839</b>	<b>Cet</b>	<b>Galaxy S0: pec sp</b>	<b>VF,PS,R,4TH OF 4</b>
Sep 12 2007	31"	17mmT4	MB,ML,ELONG,PATCH,UB,NND,SHISB,HICKSON 16,R=G	
<b>H487-2</b>	<b>NGC 945</b>	<b>Cet</b>	<b>Galaxy SB(rs)c</b>	<b>VF,L,IR,GLBM</b>
Oct 12 2007	31"	17mmT4	DIF,VF,PL,OVAL,PATCH,NND,SHAPE CHANGES,PAIR=948,R=F	
Sep 12 2007	31"	17mmT4	MF,PL,OVAL,LARGE FNUC,BAR LIKE NUC,PAIR=948,R=G	
<b>H488-2</b>	<b>NGC 1045</b>	<b>Cet</b>	<b>Galaxy SA0- pec?</b>	<b>F,S,R,BM</b>
Sep 06 2002	12.5"	9mmT6	DIF,PB,PL,OVAL PATCH,SBM,SOMEWHAT HISB	
<b>H489-2</b>	<b>NGC 932</b>	<b>Ari</b>	<b>Galaxy SAa</b>	<b>F,S,LE,3*INV</b>
Oct 04 2005	31"	17mmT4	MB,MS,R,LARGE BNUC,HISB MIDDLE,GMBM,R=G	
Oct 23 1982	12.5"	16mm	MF,PS,F* OFF E SIDE,CLOSE TO 924,SMBM,R,PAIR/938	
Sep 25 2003	31"	17mmT4	VB,PL,R,LARGE BNUC,HISB MIDDLE,SAME FOV WITH 938,R=G	
<b>H489-3</b>	<b>NGC 4763</b>	<b>Crv</b>	<b>Galaxy SB(r)a:</b>	<b>VF,S,LBM</b>
May 03 1981	12.5"	16mm	NO FIND	
<b>H490-2</b>	<b>NGC 2770</b>	<b>Lyn</b>	<b>Galaxy SA(s)c:</b>	<b>F,L,ME150,R,2*N</b>
Dec 07 2005	31"	17mmT4	VB,EL,EDGE ON,PATCH,UB,NND,SOMEWHAT HISB,SOME PATCHY ARMS SUSP,PAIR=PGC,R=E	
<b>H490-3</b>	<b>NGC 1552</b>	<b>Eri</b>	<b>Galaxy SAB(r)0+?</b>	<b>CF,PS,LE,VGBM,*11SP</b>
Nov 21 2006	12.5"	9mmT6	MF,PS,OVAL,LARGE FNUC,R=F	
<b>H491-2</b>	<b>NGC 2968</b>	<b>Leo</b>	<b>Galaxy I0</b>	<b>PB,PL,LE,VGLBM,2ND-3</b>
Dec 03 1980	12.5"	24mm		
Feb 25 1984	12.5"	12mm	DIF,PF,PS,PATCHY,OVAL,UB,NO *S,PAIR/2964	
Jan 29 2014	36"	17mmT4	PB,ML,OVAL,SMALL BNUC,MHISB,BRT BAR IN NUC SUSP,R=G	
Jan 30 1981	12.5"	24mm	DIF,VF,VS,FAINT NUC AND HALO	

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<b>H491-2</b>	<b>NGC 2968</b>	<b>Leo</b>	<b>Galaxy I0</b>	<b>PB,PL,LE,VGLBM,2ND-3</b>
Jan 30 1981	12.5" 24mm	DIF,VF,VS,FAINT NUC AND HALO		
<b>H492-2</b>	<b>NGC 3067</b>	<b>Leo</b>	<b>Galaxy SAB(s)ab?</b>	<b>PB,PL,E106,GBM,*94'P</b>
Feb 25 1984	12.5" 12mm	DIF,VF,VS,ELONG,NND,UB,PATCHY,NO *S		
Jan 30 1981	12.5" 24mm	PF,DIF,VS,FAINT HALO		
<b>H493-2</b>	<b>NGC 3413</b>	<b>LMi</b>	<b>Galaxy S0 sp</b>	<b>F,S</b>
Jan 08 2003	12.5" 9mmT6	PB,MS,BNUC,R,SLIGHTLY HISB,PAIR/3430/3424		
<b>H494-2</b>	<b>NGC 3424</b>	<b>LMi</b>	<b>Galaxy SB(s)b:?</b>	<b>PF,PL,LE,SP OF 3</b>
Jan 08 2003	12.5" 9mmT6	PB,ML,EDGE ON,STRUCTURE SUSP,DUST,F* IN EDGE,HISP,PAIR/3430/3413		
<b>H494-3</b>	<b>NGC 4642</b>	<b>Vir</b>	<b>Galaxy SAB(rs)bc p sp</b>	<b>VF,CS,E</b>
Mar 27 1982	12.5" 12mm	EDIF,VF,MS,SLIGHTLY BM,OVAL,UB		
<b>H495-2</b>	<b>NGC 2906</b>	<b>Leo</b>	<b>Galaxy Scd:</b>	<b>F,PS,LE,GBM</b>
Jan 20 2004	31" 17mmT4	VB,VL,ELONG,VERY BNUC,HISB,ARMS DET,PATCHY AREAS DET,R=E		
<b>H496-2</b>	<b>NGC 4233</b>	<b>Vir</b>	<b>Galaxy S0^</b>	<b>PF,R,VSBSMN</b>
Apr 25 1981	12.5" 24mm	DIF,PS,PS,FNUC,F HALO,PAIR/4224/4235		
<b>H498-3</b>	<b>NGC 3495</b>	<b>Leo</b>	<b>Galaxy Sd:</b>	<b>VF,PL,ME</b>
Mar 03 1984	12.5" 12mm	EDIF,EF,MS,ELONG,PATCHY,UB,NND,TRI OF *S AROUND GAL,F*E 1 GAL DIA		
<b>H500-2</b>	<b>NGC 4535</b>	<b>Vir</b>	<b>Galaxy SAB(s)c</b>	<b>PF,VL,R</b>
May 03 1981	12.5" 24mm	DIF,PB,EF,DARM,F* APPROX 11 MAG		
<b>H500-3</b>	<b>NGC 1779</b>	<b>Eri</b>	<b>Galaxy (R')SAB(r)0/a?</b>	<b>PB,S,R,GPMBM</b>
Sep 06 2002	12.5" 9mmT6	PB,ML,MOD HISB IN MIDDLE,OVAL PATCH,LARGE NUC		
<b>H501-2</b>	<b>NGC 682</b>	<b>Cet</b>	<b>Galaxy SA0-</b>	<b>CF,S,R,GVLBM</b>
Nov 22 2006	12.5" 12mmT4	MF,PS,OVAL,PATCH,LARGE FNUC,R=F		
<b>H501-3</b>	<b>NGC 1670</b>	<b>Ori</b>	<b>Galaxy SA0^:</b>	<b>VF,VS</b>
Sep 30 2005	31" 17mmT4	MB,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,R=G		
<b>H502-2</b>	<b>NGC 1172</b>	<b>Eri</b>	<b>Galaxy E+:</b>	<b>PF,PL,R,PSBM</b>
Oct 24 1981	12.5" 12mm	VDIF,PF,VS,BARELY VISIBLE IN 24MM,SMALL,R-OVAL,SMBM,NUC SUSP		
<b>H502-3</b>	<b>NGC 1678</b>	<b>Ori</b>	<b>Galaxy SA0^ pec?</b>	<b>VF,S</b>
Sep 30 2005	31" 17mmT4	MB,MS,ELONG,LARGE BNUC,PAIRS=PGG/MAC,R=G		
<b>H503-2</b>	<b>NGC 1199</b>	<b>Eri</b>	<b>Galaxy E3:</b>	<b>CB,PS,IR,SMBM</b>
Oct 24 1981	12.5" 12mm	DIF,MF,MS,BNUC,GBM,R		
Sep 16 2009	31" 17mmT4	EB,EL,R,LARGE BNUC,HISB,OTHERS,R=E		
<b>H503-3</b>	<b>NGC 1729</b>	<b>Ori</b>	<b>Galaxy SA(s)c</b>	<b>VF,PL,2B*V NR</b>
Oct 01 2005	31" 17mmT4	MB,PL,OVAL,SOME SPR STR SUSP,PATCHY,NND,MOD HISB,R=G		
<b>H504-2</b>	<b>NGC 1209</b>	<b>Eri</b>	<b>Galaxy E6:</b>	<b>B,S,CE,PSBM</b>
Oct 24 1981	12.5" 12mm	DIF,MF,PS,NEC DET,R,SIM TO 1199		
<b>H505-2</b>	<b>NGC 2811</b>	<b>Hya</b>	<b>Galaxy SB(rs)a</b>	<b>PB,PS,E,PSMBM</b>
Feb 12 1983	12.5" 16mm	DIF,PF,PS,ELONG,F*W,NND,TAPPED ENDS,FIELD OF B*S		
Oct 22 1982	12.5" 16mm	MF,PS,SLIGHTLY ELONG,SBM,F* W SEVERAL GAL DIA		
<b>H508-2</b>	<b>NGC 4033</b>	<b>Crv</b>	<b>Galaxy E6</b>	<b>PB,S,LE,BM</b>
May 03 1981	12.5" 24mm	PF,PS,DNUC		
<b>H509-2</b>	<b>NGC 4050</b>	<b>Crv</b>	<b>Galaxy SB(r)ab</b>	<b>F,CL,IR,LBM</b>
May 03 1981	12.5" 24mm	DIF,VF,VL,DIM HALO		
<b>H510-2</b>	<b>NGC 5037</b>	<b>Vir</b>	<b>Galaxy SA(s)a:</b>	<b>CF,PS,VLE,BM</b>
Mar 22 2004	12.5" 12mmT4	MF,MS,ELONG,SMALL FNUC,F* IN TIP,SBM,PAIR=5044 AND OTHERS,R=F		
May 09 2010	31" 17mmT4	MB,ML,ELONG,EDGE ON,LFNUC,F* OFF TIP,ANOTHER VF* OPPOSITE TIP,MANY OTHERS,R=G		
<b>H511-2</b>	<b>NGC 5044</b>	<b>Vir</b>	<b>Galaxy E0</b>	<b>PB,PL,R,BM</b>
Mar 22 2004	12.5" 12mmT4	MB,ML,OVAL,PATCH,LARGE FNUC,SHISB MIDDLE,PAIR=OTHERS,R=G		

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<b>H511-2</b>	<b>NGC 5044</b>	<b>Vir</b>	<b>Galaxy E0</b>	<b>PB,PL,R,BM</b>
Mar 22 2004	12.5"	12mmT4	MB,ML,OVAL,PATCH,LARGE FNUC,SHISB MIDDLE,PAIR=OTHERS,R=G	
May 09 2010	31"	17mmT4	MB,ML,OVAL,VERY LARGE FNUC,SM HALO AROUND NUC,SMBM,NUC UB,SOMEWHAT HISB MIDDLE,MANY OTHERS,R=G	
<b>H511-3</b>	<b>NGC 5845</b>	<b>Vir</b>	<b>Galaxy E:</b>	<b>VF,R</b>
Mar 16 2010	31"	17mmT4	MB,MS,R,LARGE BNUC,SUDDENLY MBM,FAINT THIN OUTER HALO AROUND NUC,R=G	
<b>H512-2</b>	<b>NGC 5049</b>	<b>Vir</b>	<b>Galaxy S0 sp</b>	<b>CF,S</b>
Mar 22 2004	12.5"	12mmT4	MF,MS,SMALL FNUC,SOMEWHAT HISB MIDDLE,PAIR=5044 AND OTHERS,R=F	
May 09 2010	31"	17mmT4	MF,PS,LARGE BNUC,RECT SHAPE,SUDDENLY BM,MANY OTHERS,R=F	
<b>H512-3</b>	<b>NGC 2513</b>	<b>Cnc</b>	<b>Galaxy E</b>	<b>F,S,R,PSMBM,R</b>
Jan 24 2004	31"	17mmT4	MB,PL,LARGE BNUC,MOD HISB MIDDLE,PAIRS=2511/2510 AND MAC'S,R=G	
<b>H513-2</b>	<b>NGC 5054</b>	<b>Vir</b>	<b>Galaxy SA(s)bc</b>	<b>F,PS,IR</b>
Feb 12 1983	12.5"	24mm	EDIF,EF,VL,PATCH-OVAL,UB,NND	
<b>H513-3</b>	<b>NGC 2914</b>	<b>Leo</b>	<b>Galaxy SB(s)ab</b>	<b>VF,S,R,BMN,F OF 2</b>
Jan 20 2004	31"	17mmT4	MB,ML,R,LARGE BNUC,SHISB,GBM,PAIRS=2911,PGC27175,R=G	
<b>H514-3</b>	<b>NGC 4703</b>	<b>Vir</b>	<b>Galaxy Sb sp</b>	<b>EF,CS,PME</b>
Mar 27 1982	12.5"	12mm	EDIF,VF,VS,ELONG,STELL NUC SUSP,NO *S	
<b>H516-2</b>	<b>NGC 1713</b>	<b>Ori</b>	<b>Galaxy E+:</b>	<b>F,S,R,BM</b>
Oct 01 2005	31"	17mmT4	MB,PL,OVAL,LARGE FNUC,MOD HISB MIDDLE,PAIR=PGC'S/1709,R=G	
<b>H517-2</b>	<b>NGC 4904</b>	<b>Vir</b>	<b>Galaxy SB(s)cd</b>	<b>PB,PS,R,BM</b>
Mar 22 2004	12.5"	12mmT4	PF,MS,OVAL,PATCH,LARGE FNUC,SBM,R=F	
<b>H518-2</b>	<b>NGC 4227</b>	<b>CVn</b>	<b>Galaxy SAB0^:</b>	<b>F,VS,VLE,PSBM,SP OF 2</b>
Feb 27 1982	12.5"	16mm	VF,VS,FNUC,F*N EDGE,R,SBM,CLOSE PAIR/4229	
<b>H518-3</b>	<b>NGC 3145</b>	<b>Hya</b>	<b>Galaxy SB(rs)bc</b>	<b>F,PL,R,VGSLBM</b>
Mar 29 2006	31"	17mmT4	MB,PL,ELONG,OVAL,LARGE SOFT NUC,GMBM,R=G	
<b>H519-2</b>	<b>NGC 4229</b>	<b>CVn</b>	<b>Galaxy S?</b>	<b>CF,VS,LE,PSBM,NF OF 2</b>
Feb 27 1982	12.5"	16mm	EDIF,EF,VS,STELL NUC SUSP,OVAL,CLOSE PAIR/4227	
<b>H519-3</b>	<b>NGC 2948</b>	<b>Leo</b>	<b>Galaxy SBbc</b>	<b>VF,PL,VGBM</b>
Feb 25 2004	31"	17mmT4	MB,ML,OVAL,SMALL FNUC,MOD HISB,SLIGHTLY BM,R=G	
<b>H520-2</b>	<b>NGC 2765</b>	<b>Hya</b>	<b>Galaxy S0</b>	<b>VF,PL,E,GBM,ER</b>
Mar 29 2006	31"	17mmT4	PB,PL,ELONG,SMALL BNUC,SHISB,DUST LANE SUSP,R=G	
<b>H520-3</b>	<b>NGC 2863</b>	<b>Hya</b>	<b>Galaxy Sm</b>	<b>CF,S,E,BET2*12,16</b>
Mar 29 2006	31"	17mmT4	MF,MS,OVAL,UB,NND,* ONE EDGE,FAINTER * OTHER SIDE,PAIRS=2868/IC2482,R=F	
<b>H521-2</b>	<b>NGC 3611</b>	<b>Leo</b>	<b>Galaxy SA(s)a pec</b>	<b>PF,CS,IR,PSMBM,*NP3'</b>
Mar 03 1984	12.5"	12mm	DIF,VF,VS,FNUC,R,BM,B* TO W	
<b>H524-2</b>	<b>NGC 1618</b>	<b>Eri</b>	<b>Galaxy SB(r)b:</b>	<b>F,S,IF,LBM,2*SF</b>
Sep 06 2002	12.5"	9mmT6	VDIF,BF,PL,ELONG,PATCH,KEEP B* OUT OF FOV,UB,PAIR/1622/1625	
<b>H524-3</b>	<b>NGC 4700</b>	<b>Vir</b>	<b>Galaxy SB(s)c? sp</b>	<b>F,L,ME40,VLBM,B*P</b>
Mar 27 1982	12.5"	12mm	DIF,MF,PL,EDGE ON,B* TO W,NND,UB	
<b>H525-2</b>	<b>NGC 1638</b>	<b>Psc</b>	<b>Galaxy SAB(rs)0^?</b>	<b>F,PL,LE</b>
Oct 30 1981	12.5"	12mm	DIF,MF,PS,BNUC,R,BM	
Oct 31 1980	12.5"	24mm		
<b>H527-2</b>	<b>NGC 1682</b>	<b>Ori</b>	<b>Galaxy E/S0</b>	<b>VF,VS,1684F12S,*9S4'</b>
Sep 30 2005	31"	17mmT4	PF,PS,R,LARGE BNUC,MOD HISB MIDDLE,PAIRS=NGC'S,R=F	
<b>H528-2</b>	<b>NGC 1684</b>	<b>Ori</b>	<b>Galaxy E+ pec:</b>	<b>PF,PS,R,BM,*9SF</b>
Sep 30 2005	31"	17mmT4	MB,ML,ELONG,BNUC,ELONG NUC OR BAR,HISB MIDDLE,PAIRS=NGC'S,R=G	
<b>H532-3</b>	<b>NGC 3693</b>	<b>Crt</b>	<b>Galaxy (R')SA(r)b:</b>	<b>CF,S,E,GBM</b>
Apr 26 2006	31"	17mmT4	MF,ML,EDGE ON,LARGE BNUC,MBM,FAINT TOWARDS ENDS,R=G	

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<b>H532-3</b>	<b>NGC 3693</b>	<b>Crt</b>	<b>Galaxy (R')SA(r)b:</b>	<b>CF,S,E,GBM</b>
Apr 26 2006	31"	17mmT4	MF,ML,EDGE ON,LARGE BNUC,MBM,FAINT TOWARDS ENDS,R=G	
<b>H533-3</b>	<b>NGC 4114</b>	<b>Crv</b>	<b>Galaxy (R')SAB(rs)a:</b>	<b>CF,S,IR,GBM</b>
Apr 06 2008	31"	17mmT4	MB,ML,OVAL,LARGE FNUC,PAIR=MAC,R=F	
<b>H534-2</b>	<b>NGC 5364</b>	<b>Vir</b>	<b>Galaxy SA(rs)bc pec</b>	<b>CF,L,R,GBM</b>
Feb 12 1983	12.5"	16mm	DIF,VF,VL,R-OVAL,UB,B* CLOSE BY,PAIR/5363	
<b>H534-3</b>	<b>NGC 4177</b>	<b>Crv</b>	<b>Galaxy SA(rs)c pec:</b>	<b>VF,PL,R,VGBM</b>
Apr 06 2008	31"	17mmT4	VDIF,VF,PL,OVAL,PATCH,UB,NND,R=P	
<b>H535-3</b>	<b>NGC 4265</b>	<b>Crv</b>	<b>Galaxy Sb</b>	<b>VF,PS,R</b>
Apr 06 2008	31"	17mmT4	MF,MS,OVAL,UB,NND,R=F	
<b>H536-2</b>	<b>NGC 4845</b>	<b>Vir</b>	<b>Galaxy SA(s)ab sp</b>	<b>PF,PL,PME,VGBM,*NF</b>
Feb 12 1983	12.5"	16mm	DIF,MF,MS,ELONG,BETWEEN 2F*S,UB,NND	
<b>H536-3</b>	<b>NGC 4714</b>	<b>Crv</b>	<b>Galaxy SAB(rs)0-?</b>	<b>F,PS,R,GBM</b>
Apr 06 2008	31"	17mmT4	VB,ML,OVAL,LARGE BNUC,MOD HISB,R=G	
<b>H537-2</b>	<b>NGC 4999</b>	<b>Vir</b>	<b>Galaxy SB(r)b</b>	<b>CF,PL,R,LBM,ER</b>
Mar 22 2004	12.5"	12mmT4	MF,MS,OVAL,PATCH,NND,LOCATED IN BARRON FOV,VF* IN GAL,SOMEWHAT BM,R=F	
<b>H537-3</b>	<b>NGC 4748</b>	<b>Crv</b>	<b>Galaxy Sa</b>	<b>F,VS,IR,GBM</b>
Apr 06 2008	31"	17mmT4	PB,MS,OVAL,SMALL BNUC,VF BULGE OFF ONE SIDE,R=F	
<b>H538-2</b>	<b>NGC 4794</b>	<b>Crv</b>	<b>Galaxy SB(rs)a</b>	<b>VF,S,2OR3*NR</b>
Apr 06 2008	31"	17mmT4	PB,MS,OVAL,PATCH,LARGE BNUC,*S BOTH SIDES,HISB,R=G	
<b>H539-2</b>	<b>NGC 5806</b>	<b>Vir</b>	<b>Galaxy SAB(s)b</b>	<b>CB,CL,E165,SBMN</b>
Mar 19 2004	12.5"	12mmT4	DIF,VF,MS,ELONG,UB,NND,R=F	
<b>H540-2</b>	<b>NGC 5831</b>	<b>Vir</b>	<b>Galaxy E3</b>	<b>PB,S,MBM</b>
Mar 19 2004	12.5"	12mmT4	MF,MS,OVAL,LARGE BNUC,SMBM,SHISB MIDDLE,R=F	
<b>H540-3</b>	<b>NGC 2719</b>	<b>Lyn</b>	<b>Galaxy Im pec?</b>	<b>VF,S,E110,2VF* INV</b>
Nov 24 2003	31"	17mmT4	MF,MS,EDGE ON,PATCH,UB,NND,SHISB,SLIGHTLY CENTRAL BULGE,COMP=2719A,R=G	
<b>H541-2</b>	<b>NGC 5839</b>	<b>Vir</b>	<b>Galaxy SAB(rs)0^:</b>	<b>PF,PS</b>
Mar 16 2010	31"	17mmT4	PF,ML,R,LARGE BNUC,HISB MIDDLE,SUDDENLY MBM,R=G	
<b>H541-3</b>	<b>NGC 2955</b>	<b>LMi</b>	<b>Galaxy (R')SA(r)b</b>	<b>CF,PS,IR,GLBM,R</b>
Dec 20 2003	31"	17mmT4	MF,MS,OVAL,LARGE BNUC,F* BOTH SIDES,MOD HISB MIDDLE,R=G	
<b>H542-2</b>	<b>NGC 5838</b>	<b>Vir</b>	<b>Galaxy SA0-</b>	<b>PB,PS</b>
Mar 19 2004	12.5"	12mmT4	MF,MS,OVAL,LARGE BNUC,HISB MIDDLE,R=G	
<b>H542-3</b>	<b>NGC 3074</b>	<b>LMi</b>	<b>Galaxy SAB(rs)c</b>	<b>VF,PL,IR,VGLBM</b>
Dec 26 2003	31"	17mmT4	VDIF,VF,VL,PATCH,UB,NND,R=F	
<b>H543-2</b>	<b>NGC 5850</b>	<b>Vir</b>	<b>Galaxy SB(r)b</b>	<b>CF,S,LE,PSBM</b>
Mar 16 2010	31"	17mmT4	MB,PL,OVAL,LARGE BNUC,LARGE SOFT NUC,GRAD BM,MOD HISB MIDDLE,FAINT BAR ACROSS NUC,FAINT HALO ARMS,R=G	
Mar 19 2004	12.5"	12mmT4	MF,MS,OVAL,NND,PAIRS=5846,R=F	
<b>H544-2</b>	<b>NGC 5854</b>	<b>Vir</b>	<b>Galaxy SB(s)0+ sp</b>	<b>PB,S,VLE,LBM,AM ST</b>
Mar 19 2004	12.5"	12mmT4	MF,MS,ELONG,LARGE FNUC,SBM,R=F	
<b>H550-2</b>	<b>NGC 3636</b>	<b>Crt</b>	<b>Galaxy E0</b>	<b>F,VS,R,LBM,*7F,P OF2</b>
Nov 24 2006	12.5"	12mmT4	MB,MS,R,LARGE BNUC,B* IN FOV,GBM,MOD HISB MIDDLE,PAIR=3637,R=G	
<b>H550-3</b>	<b>NGC 5718</b>	<b>Vir</b>	<b>Galaxy S0-:</b>	<b>VF,S,R,VGLBM,*8,9NF</b>
May 18 2007	31"	17mmT4	MB,ML,OVAL,LARGE FNUC,PAIR=IC1042,R=G	
<b>H551-2</b>	<b>NGC 3637</b>	<b>Crt</b>	<b>Galaxy (R)SB(r)0^</b>	<b>F,VS,R,PSBM,*7P,FOF2</b>
Nov 24 2006	12.5"	12mmT4	MB,MS,R,LARGE BNUC,B* IN FOV,BGM,MOD HISB MIDDLE,PAIR=3636,R=G	
<b>H552-2</b>	<b>NGC 3732</b>	<b>Crt</b>	<b>Galaxy SB0-a</b>	<b>F,S,R,PSBM,*14SP</b>
Apr 26 2006	31"	17mmT4	PB,ML,R,LARGE BNUC,HISB MIDDLE,BMBM,R=G	

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<b>H552-2</b>	<b>NGC 3732</b>	<b>Crt</b>	<b>Galaxy SB0-a</b>	<b>F,S,R,PSBM,*14SP</b>
Apr 26 2006	31"	17mmT4	PB,ML,R,LARGE BNUC,HISB MIDDLE,BMBM,R=G	
<b>H553-2</b>	<b>NGC 3892</b>	<b>Crt</b>	<b>Galaxy SB(rs)0+</b>	<b>PB,PL,R,GBM,R</b>
Apr 26 2006	31"	17mmT4	PB,ML,R,LARGE BNUC,BRT INNER REGION,HISB MIDDLE,GMBM,PAIRS=MAC'S,R=G	
<b>H553-3</b>	<b>NGC 6070</b>	<b>Ser</b>	<b>Galaxy SA(s)cd</b>	<b>F,L,PME,VGBM,R</b>
May 31 1981	12.5"	16mm	DIF,PB,PL,ELONG,BRT HALO	
<b>H554-2</b>	<b>NGC 2507</b>	<b>Cnc</b>	<b>Galaxy S0/a pec</b>	<b>PB,PL,IR,VGBM,ER,*S</b>
Jan 24 2004	31"	17mmT4	PB,PL,OVAL,LARGE BNUC,2VF*S BOTH SIDES OF GAL,MOD HISB MIDDLE,R=G	
<b>H554-3</b>	<b>NGC 5775</b>	<b>Vir</b>	<b>Galaxy SBc? sp</b>	<b>F,PS,VME148,GVLBM</b>
Apr 26 2006	31"	17mmT4	VB,EL,EDGE ON,NND,1/2 BRT THAN OTHER,DUST LANE SUSP,PATCHY,BROKEN AREAS,PAIR,R=E	
<b>H555-2</b>	<b>NGC 2889</b>	<b>Hya</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,PS,VLE,VGLBM,R</b>
Mar 29 2006	31"	17mmT4	MB,ML,R,LARGE FNUC,GMBM,SOMEWHAT HISB,R=G	
<b>H555-3</b>	<b>NGC 6548</b>	<b>Her</b>	<b>Galaxy SB0</b>	<b>CF,S,LE,R</b>
Jul 03 2003	12.5"	9mmT6	PB,VL,R,BNUC,SHISB,HISB MIDDLE,LARGE SOFT NUC,PAIR=6549,R=G	
Sep 04 2002	12.5"	9mmT6	PB,ML,OVAL,GMBM,MOD HISB,PAIR/6549	
<b>H557-2</b>	<b>NGC 2718</b>	<b>Hya</b>	<b>Galaxy (R')SAB(s)ab</b>	<b>F,PL,E,AM3*</b>
Oct 24 1981	12.5"	12mm	PATCHY,PF,MS,STELL NUC SUSP,SBM	
<b>H557-3</b>	<b>NGC 990</b>	<b>Ari</b>	<b>Galaxy E</b>	<b>F,S,R,PSBM</b>
Oct 23 1982	12.5"	16mm	VF,VS,FNUC,R,SBM,SMALL BRT NEC	
<b>H558-2</b>	<b>NGC 4658</b>	<b>Vir</b>	<b>Galaxy SB(s)bc</b>	<b>VF,L,E,*16ATT,*9P</b>
Mar 27 1982	12.5"	12mm	VDIF,VF,MS,F*N EDGE,B* CLOSE BY,OVAL,PATCHY,NND,UB,PAIR/4663	
<b>H558-3</b>	<b>NGC 7492</b>	<b>Aqr</b>	<b>Globular</b>	<b>EF,L,BET2D*</b>
Jul 10 1981	12.5"	16mm	DIF,PF,VL,FAINT DIF *S	
Sep 10 1980	12.5"	32mm	BARELY VISIBLE	
<b>H559-2</b>	<b>NGC 4759</b>	<b>Vir</b>	<b>Galaxy S0^ pec</b>	<b>PL,D,*10SP2'</b>
May 18 2007	31"	17mmT4	PB,ML,R,SBNUC,CLOSE COMP=4778,HISB,EXCELLENT HICKSON GROUP,R=G	
<b>H560-3</b>	<b>NGC 551</b>	<b>And</b>	<b>Galaxy SBbc</b>	<b>VF,S,E,VGLBM,*13NR</b>
Dec 20 2003	31"	17mmT4	PF,VL,OVAL,PATCH,LARGE FNUC,R=G	
<b>H561-2</b>	<b>NGC 4939</b>	<b>Vir</b>	<b>Galaxy SA(s)bc</b>	<b>PB,L,R,GMBM</b>
Mar 22 2004	12.5"	12mmT4	MF,MS,PATCH.LARGE FNUC,SBM,R=F	
<b>H561-3</b>	<b>NGC 687</b>	<b>And</b>	<b>Galaxy S0</b>	<b>VF,STELLAR</b>
Dec 20 2003	31"	17mmT4	MF,ML,OVAL,R,LARGE BNUC,MOD HISB,R=G	
Oct 09 2010	31"	17mmT4	MB,ML,R,LARGE BNUC,WELL DEFINED NUC,SUDDENLY MBM,HISB,MIDDLE,AGC 262,R=G	
<b>H562-3</b>	<b>NGC 703</b>	<b>And</b>	<b>Galaxy S0-:</b>	<b>VF,VS,R,1ST OF 4</b>
Nov 20 2003	31"	17mmT4	MF,MS,ELONG,SMALL FNUC,MOD HISB,NGC 708 CLUSTER OF 8,R=G	
<b>H563-3</b>	<b>NGC 704</b>	<b>And</b>	<b>Galaxy S0</b>	<b>VF,VS,R,2ND OF 4</b>
Nov 20 2003	31"	17mmT4	MF,MS,PATCH,UB,NND,SHISB,NGC 708 CLUSTER OF 8,R=G	
<b>H564-2</b>	<b>NGC 2778</b>	<b>Lyn</b>	<b>Galaxy E</b>	<b>PB,S,R,PSMBM</b>
Dec 26 2003	31"	17mmT4	MB,PL,LARGE BNUC,MOD HISB MIDDLE,PAIR=2779,R=G	
<b>H564-3</b>	<b>NGC 705</b>	<b>And</b>	<b>Galaxy S0/a</b>	<b>VF,VS,R,3RD OF 4</b>
Nov 20 2003	31"	17mmT4	MF,MS,EDGE ON, OVAL,SMALL FNUC,CENTRAL BULGE,MOD HISB,NGC 708 CLUSTER OF 8,R=G	
<b>H565-2</b>	<b>NGC 3381</b>	<b>LMI</b>	<b>Galaxy SB pec</b>	<b>PF,CL,IR,VGLBM,1ST-3</b>
Feb 15 2004	31"	17mmT4	DIF,MF,VL,OVAL,PATCH,UB,NND,R=G	
<b>H565-3</b>	<b>NGC 708</b>	<b>And</b>	<b>Galaxy E</b>	<b>F,PL,BM,4TH OF 4</b>
Aug 31 1984	12.5"	12mm	VDIF,VF,VS,OVAL-UB PATCH,3 OTHER GAL PRESENT,SMALL CLUSTER, NO *S	
Nov 20 2003	31"	17mmT4	MF,MS,FNUC,GMBM,F* IN GAL,MOD HISB,NGC 708 CLUSTER OF 8,R=G	



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<b>H565-3</b>	<b>NGC 708</b>	<b>And</b>	<b>Galaxy E</b>	<b>F,PL,BM,4TH OF 4</b>
Nov 20 2003	31"	17mmT4	MF,MS,FNUC,GMBM,F* IN GAL,MOD HISB,NGC 708 CLUSTER OF 8,R=G	
<b>H566-2</b>	<b>NGC 5078</b>	<b>Hya</b>	<b>Galaxy SA(s)a: sp</b>	<b>PB,PS,CE,PSBM,*7,8F</b>
Apr 26 2006	31"	17mmT4	PB,ML,EDGE ON,LARGE BNUC,SHARP ENDS,CENTRAL BULGE,HISB MIDDLE,PAIR=IC879,R=G	
<b>H566-3</b>	<b>NGC 797</b>	<b>And</b>	<b>Galaxy SAB(s)a</b>	<b>VF,S,IR,SBM,*NR</b>
Sep 10 2004	31"	17mmT4	MF,PS,R,LARGE BNUC,R=F	
<b>H567-3</b>	<b>NGC 834</b>	<b>And</b>	<b>Galaxy S?</b>	<b>VF,S,LE</b>
Sep 10 2004	31"	17mmT4	MB,ML,OVAL,PATCH,SHISB,R=G	
<b>H568-2</b>	<b>NGC 4270</b>	<b>Vir</b>	<b>Galaxy S0</b>	<b>PB,S,R</b>
Apr 25 1981	12.5"	24mm	DIF,PF,PS,DARM,PAIR/4273/4281	
Apr 26 2003	12.5"	9mmT6	PB,PL,ELONG,OVAL,FNUC,SOMEWHAT HISB,SBM,CLUSTER,6 OF 9,R=G	
<b>H569-2</b>	<b>NGC 4273</b>	<b>Vir</b>	<b>Galaxy SB(s)c</b>	<b>PB,L,E,GBM</b>
Apr 25 1981	12.5"	24mm	DIF,PF,PS,DARM,PAIR/4270/4281	
Apr 26 2003	12.5"	9mmT6	MB,PL,OVAL,UB,STELL NUC,MOD HISB,CLUSTER,4 OF 9,R=G	
<b>H570-3</b>	<b>NGC 898</b>	<b>And</b>	<b>Galaxy Sab sp</b>	<b>EF,VS,LE</b>
Sep 10 2004	31"	17mmT4	MF,MS,EDGE ON,LARGE BNUC,MOD HISB MIDDLE,R=G	
Sep 14 2012	36"	17mmT4	MF,MS,EDGE ON,LARGE FNUC,CENTRAL BULGE,AGC 347,R=F	
<b>H571-2</b>	<b>NGC 4277</b>	<b>Vir</b>	<b>Galaxy SAB(rs)0/a:</b>	<b>VF,ES</b>
Apr 26 2003	12.5"	9mmT6	DIF,VF,MS,PATCH,UB,NND,CLUSTER,3 OF 9,R=F	
<b>H571-3</b>	<b>NGC 910</b>	<b>And</b>	<b>Galaxy E+</b>	<b>VF,PS,STELLAR</b>
Dec 20 2003	31"	17mmT4	MF,MS,OVAL,SMALL FNUC,SHISB MIDDLE,R=F	
Oct 30 2005	31"	17mmT4	VB,VL,R,LARGE BNUC,HISB,LARGE HISB NUC AREA,R=E	
Sep 14 2012	36"	17mmT4	MB,PS,R,LARGE BNUC,SHISB,AGC 347,R=F	
<b>H572-3</b>	<b>NGC 980</b>	<b>And</b>	<b>Galaxy S0</b>	<b>VF,PS,SP OF 2</b>
Sep 11 2004	31"	17mmT4	MB,ML,ELONG,LARGE BNUC,HISB,LARGE NUC AREA,GMBM,PAIRS=982,PGC'S,MAC,R=G	
<b>H573-2</b>	<b>NGC 4281</b>	<b>Vir</b>	<b>Galaxy S0+: sp</b>	<b>B,VL,R,PGBM</b>
Apr 26 2003	12.5"	9mmT6	MP,PL,ELONG,BNUC,MOD HISB,GBM,LARGE NUC AREA,CLUSTER,1 OF 9,R=E	
<b>H573-3</b>	<b>NGC 982</b>	<b>And</b>	<b>Galaxy Sa</b>	<b>F,S,NF OF 2</b>
Sep 11 2004	31"	17mmT4	MB,ML,ELONG,LARGE BNUC,HISB,LARGE NUC AREA,GMBM,PAIRS=980,PGC'S,MAC,R=G	
<b>H574-2</b>	<b>NGC 5668</b>	<b>Vir</b>	<b>Galaxy SA(s)d</b>	<b>F,PS,VLE,*14INV</b>
Apr 26 2006	31"	17mmT4	PB,PL,R,UB,NND,SHISB,R=G	
<b>H574-3</b>	<b>NGC 1293</b>	<b>Per</b>	<b>Galaxy E0</b>	<b>VF,R,BM,NP OF 2</b>
Sep 12 2002	12.5"	9mmT6	DIF,PF,MS,PATCH,UB,NND,ABELL426	
<b>H575-3</b>	<b>NGC 1294</b>	<b>Per</b>	<b>Galaxy SA0-?</b>	<b>VF,R,BM, SF OF 2</b>
Sep 12 2002	12.5"	9mmT6	DIF,PF,MS,PATCH,UB,NND,ABELL426	
<b>H576-3</b>	<b>NGC 7426</b>	<b>Lac</b>	<b>Galaxy E</b>	<b>VF,CS,R,STELLAR,D*P</b>
Sep 11 2004	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,HISB MIDDLE,GMBM,R=G	
<b>H577-3</b>	<b>NGC 477</b>	<b>And</b>	<b>Galaxy SAB(s)c</b>	<b>VF,PS,VLE,VGLBM</b>
Dec 20 2003	31"	17mmT4	DIF,PF,MS,PATCH,NND,VF* IN GAL,PATCHY DARK AREA'S DET,PAIR WITH PGC'S,R=F	
Oct 30 2005	31"	17mmT4	PB,VL,OVAL,PATCH,VLFNUC,SEVERAL F*S IN AND AROUND GAL,PATCHY,PAIRS=PGC'S,R=G	
<b>H578-2</b>	<b>NGC 4701</b>	<b>Vir</b>	<b>Galaxy SA(s)cd</b>	<b>F,S</b>
Mar 27 1982	12.5"	12mm	VDIF,VF,MS,R-PATCHY,NND,SMBM	
<b>H578-3</b>	<b>NGC 1207</b>	<b>Per</b>	<b>Galaxy SA(rs)b</b>	<b>CF,VS,R,PSB INNPPEND</b>
Aug 17 1982	12.5"	16mm	DIF,PF,PS,FNUC,STELL NUC SUSP,PATCH	
Aug 21 1982	12.5"	16mm	CLASS AS E2,MF,PS,BNUC,F*N EDGE,F*W EDGE,LOC IN TRI OF B*S,R,GMBM	
<b>H579-2</b>	<b>NGC 5560</b>	<b>Vir</b>	<b>Galaxy SB(s)b pec</b>	<b>PF,CL,E,GBM</b>

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<b>H579-2</b>	<b>NGC 5560</b>	<b>Vir</b>	<b>Galaxy SB(s)b pec</b>	<b>PF,CL,E,GBM</b>
Apr 26 2003	12.5" 9mmT6	DIF,PF,VL,ELONG,UB,PATCH,NND,PAIR/5566/5569,R=F		
<b>H579-3</b>	<b>NGC 7707</b>	<b>And</b>	<b>Galaxy S0-:</b>	<b>EF,S,R,*9,10P VNR</b>
Sep 18 2004	31" 17mmT4	MB,ML,LARGE FNUC,VF* IN EDGE,MOD HISB MIDDLE,GMBM,R=G		
<b>H580-2</b>	<b>NGC 5636</b>	<b>Vir</b>	<b>Galaxy SAB(r)0+</b>	<b>EF,CL,R,NP OF 2</b>
Apr 26 2003	12.5" 9mmT6	EDIF,EF,ML,PATCH,UB,NND,PAIR=5638,R=P		
<b>H580-3</b>	<b>NGC 1138</b>	<b>Per</b>	<b>Galaxy SB0</b>	<b>VF,VS,R,GBM,2S* TRI</b>
Aug 17 1982	12.5" 16mm	DIF,VF,VS,BNUC,FORMS TRI WITH 2F*S,R,GBM		
<b>H581-2</b>	<b>NGC 5638</b>	<b>Vir</b>	<b>Galaxy E1</b>	<b>CB,PL,R,SF OF 2</b>
Apr 26 2003	12.5" 9mmT6	VB,ML,R,BNUC,MOD HISB,SOFT NUC,GBM,PAIR=5636,R=G		
<b>H581-3</b>	<b>NGC 1030</b>	<b>Ari</b>	<b>Galaxy S?</b>	<b>VF,IE</b>
Oct 23 1982	12.5" 16mm	DIF,MF,MS,ELONG,UB,NND,F*N TIP		
<b>H582-3</b>	<b>NGC 1088</b>	<b>Ari</b>	<b>Galaxy S0/a</b>	<b>VF,S,IF</b>
Sep 25 2003	31" 17mmT4	MB,PS,OVAL,SMALL FNUC,PAIR=IC255,R=F		
<b>H583-2</b>	<b>NGC 6010</b>	<b>Ser</b>	<b>Galaxy S0/a: sp</b>	<b>PF,S,E90,GBM,R</b>
Jun 01 2008	31" 17mmT4	MB,ML,EDGE ON,LBNUC,TAPPERED ENDS,MOD HISB MIDDLE,SMBM,CENTRAL BULGE,R=G		
<b>H583-3</b>	<b>NGC 780</b>	<b>Tri</b>	<b>Galaxy Sb</b>	<b>VF,VS,E,3*P</b>
Oct 25 2006	31" 17mmT4	MB,MS,OVAL,LARGE BNUC,F* IN EDGE,MOD HISB MIDDLE,R=G		
<b>H584-2</b>	<b>NGC 6235</b>	<b>Oph</b>	<b>Globular</b>	<b>PB,CL,IR,RRR,*14..16</b>
Jul 21 1984	12.5" 16mm	VDIF,VF,MS,FAINT PATCH,FAINT TRI OF *S AROUND OBJECT		
Jun 04 1981	12.5" 24mm	DIF,MB,ML,10 MAG *S		
Jun 18 1980	12.5" 24mm	VF,FAINT TRI OF *S SURROUND OBJECT		
<b>H584-3</b>	<b>NGC 1056</b>	<b>Ari</b>	<b>Galaxy Sa:</b>	<b>F,S,R,PSBM</b>
Sep 25 2003	31" 17mmT4	PB,PL,ELONG,LARGE BNUC,TAPPERED ENDS,MOD HISB,R=G		
<b>H585-2</b>	<b>NGC 5864</b>	<b>Vir</b>	<b>Galaxy SB(s)0<sup>+</sup>? sp</b>	<b>PF,CS,ILE,GBM,*14F</b>
Apr 26 2006	31" 17mmT4	PB,ML,ELONG,LARGE BNUC,MHISB,* OFF EDGE,CENTRAL BULGE,HISB MIDDLE,BM,GMBM,R=G		
<b>H586-2</b>	<b>NGC 6445</b>	<b>Sgr</b>	<b>Planetary Neb 3b+3</b>	<b>PB,PS,R,GBM,R,*15NP</b>
Aug 13 1982	12.5" 16mm	PF,VS,BLUE GREEN,F* ON NW EDGE,OVAL-PATCHY,SBM,PAIR/6440		
May 18 2009	31" 17mmT4	VB,PL,HISB,LOOKS LIKE A BIG MAC SANDWICH,2 HAMBURGER BUNS,NO C*,SEPERATED IN 2 HALVES,BOX-SQUARE SHAPE,OIII, OUTER SIDES OF NEB BRTER,R=E		
Sep 20 1984	12.5" 12mm	DIF,MF,PS,F* NW EDGE,B* TO W,PATCHY		
<b>H587-2</b>	<b>NGC 6426</b>	<b>Oph</b>	<b>Globular</b>	<b>VF,CL,E,VLBM</b>
Jun 04 1981	12.5" 24mm	DIF,MF,PS		
<b>H588-2</b>	<b>NGC 665</b>	<b>Psc</b>	<b>Galaxy (R)S0<sup>+</sup>?</b>	<b>F,S,LE,BM,R</b>
Sep 04 2002	12.5" 9mmT6	PB,PL,GBM,MOD HISB,OVAL		
<b>H589-2</b>	<b>NGC 673</b>	<b>Ari</b>	<b>Galaxy SAB(s)c</b>	<b>PF,PL,E,LBM,*11NF3'</b>
Oct 22 1982	12.5" 16mm	VDIF,VF,VS,B* TO E SEVERAL GAL DIA,PATCH-OVAL,STELL NUC		
<b>H589-3</b>	<b>NGC 1659</b>	<b>Eri</b>	<b>Galaxy SA(r)bc pec</b>	<b>PF,PS,IE90,BM</b>
Oct 30 1981	12.5" 12mm	VDIF,MF,MS,R,PATCHY,SBM		
<b>H590-2</b>	<b>NGC 7458</b>	<b>Psc</b>	<b>Galaxy E</b>	<b>CF,CS,PSBM</b>
Sep 16 2009	31" 17mmT4	PB,PL,R,LARGE BNUC,HISB MIDDLE,GMBM,PAIR=PGC70289,R=G		
<b>H590-3</b>	<b>NGC 1954</b>	<b>Lep</b>	<b>Galaxy SA(rs)bc pec:</b>	<b>VF,S,R,SMBM</b>
Nov 22 2006	12.5" 12mmT4	MF,MS,PATCH,SMALL BNUC,PATCHY AREAS,NOT WELL DEFINED,F*S IN AND AROUND GAL,R=F		
<b>H591-2</b>	<b>NGC 14</b>	<b>Peg</b>	<b>Galaxy (R)IB(s)m pec</b>	<b>VF,PS,R,GLBM</b>
Sep 12 2002	12.5" 9mmT6	DIF,PF,PL,FACE ON,UB,NND,VF* OFF ONE SIDE,R		
<b>H591-3</b>	<b>NGC 1242</b>	<b>Eri</b>	<b>Galaxy SB(rs)c:</b>	<b>VF,S</b>
Nov 17 2012	36" 17mmT4	MV,ML,OVAL,PATCH,NND,PAIR=1241,R=F		

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<b>H591-3</b>	<b>NGC 1242</b>	<b>Eri</b>	<b>Galaxy SB(rs)c:</b>	<b>VF,S</b>
Nov 17 2012	36"	17mmT4	MV,ML,OVAL,PATCH,NND,PAIR=1241,R=F	
<b>H592-2</b>	<b>NGC 1024</b>	<b>Ari</b>	<b>Galaxy (R')SA(r)ab</b>	<b>PF,S,LE,BM,*11NF 1'</b>
Oct 23 1982	12.5"	16mm	MF,ML,FNUC,F* TO N,GBM,ROUND-OVAL,PAIR/1029	
Sep 25 2003	31"	17mmT4	VB,VL,ELONG,LARGE BNUC,GMBM,HISB,PAIRS/1028/1029,R=G	
<b>H593-2</b>	<b>NGC 1400</b>	<b>Eri</b>	<b>Galaxy SA0-</b>	<b>CB,PS,R,PSMBM</b>
Oct 24 1981	12.5"	12mm	MB,ML,BNUC,R,PAIR/1407	
Oct 31 1980	12.5"	24mm	PAIR/1407	
Sep 09 1980	12.5"	24mm		
<b>H595-2</b>	<b>NGC 7183</b>	<b>Aqr</b>	<b>Galaxy S0+ pec sp</b>	<b>VF,PL,E90,LBM</b>
Sep 06 2002	12.5"	9mmT6	DIF,PF,VL,ELONG,NND,PATCH,UB,SOMEWHAT HISB	
<b>H595-3</b>	<b>NGC 193</b>	<b>Psc</b>	<b>Galaxy SAB(s)0-:</b>	<b>F,L,P OF2,*15CLOSESP</b>
Sep 04 2002	12.5"	9mmT6	MB,PL,MOD HISB,OVAL,2F*'S OFF TO ONE SIDE	
<b>H596-2</b>	<b>NGC 706</b>	<b>Psc</b>	<b>Galaxy Sbc?</b>	<b>F,S,BM,*13N1'</b>
Sep 04 2002	12.5"	9mmT6	DIF,PB,PL,PATCH,UB,F* OFF ONE SIDE	
<b>H598-2</b>	<b>NGC 7377</b>	<b>Aqr</b>	<b>Galaxy SA(s)0+</b>	<b>PB,S,VLE,VGMBM,*12P</b>
Jul 10 1981	12.5"	16mm	R,BM,DIF HALO	
<b>H598-3</b>	<b>NGC 3509</b>	<b>Leo</b>	<b>Galaxy SA(s)bc pec</b>	<b>EF,S,(LE)</b>
Mar 26 2006	31"	17mmT4	MF,VL,UB,NND,IRR, S-SHAPED,PATCHY AREAS,R=G	
<b>H599-2</b>	<b>NGC 7197</b>	<b>Lac</b>	<b>Galaxy Sa</b>	<b>F,CS,CE,VGLBM,ER</b>
Sep 11 2004	31"	17mmT4	MF,MS,ELONG,SMALL FNUC,F*'S BOTH ENDS,SHISB MIDDLE,R=F	
<b>H600-2</b>	<b>NGC 7640</b>	<b>And</b>	<b>Galaxy SB(s)c</b>	<b>CF,L,ME164,VLBM,R</b>
Aug 31 1984	12.5"	16mm	DIF,PF,ML,ELONG,UB,B* ON W TIP,B* ON E SIDE,STRETCHES BET 2*'S,PREVIOUS * THERE	
Sep 10 1980	12.5"	24mm		
Sep 23 1981	12.5"	16mm	ELONG,3B*'S AROUND GAL,F 14* ON SE ARM,DIF ARMS,SBM,MB,PS	
<b>H601-2</b>	<b>NGC 1122</b>	<b>Per</b>	<b>Galaxy SBb</b>	<b>VF,PS,R,*NR N</b>
Aug 17 1982	12.5"	16mm	VDIF,VF,VS,F*E SIDE(POSSIBLE 2*'S),SOME BRT AREAS IN GAL SUSP,OVAL,MOD HISB	
<b>H602-2</b>	<b>NGC 1129</b>	<b>Per</b>	<b>Galaxy E</b>	<b>CF,PS,IR,VGLBM, F*SP</b>
Aug 17 1982	12.5"	16mm	DIF,MF,MS,OVAL,UB-SBM,COMPANION TO N(1130),PAIR/1131	
Feb 04 2005	31"	17mmT4	PB,ML,OVAL,LARGE FNUC,COMP=PGC10953,NGC1129 CLUSTER,R=G	
<b>H602-3</b>	<b>NGC 4571</b>	<b>Com</b>	<b>Galaxy SA(r)d</b>	<b>VF,L,E,VGBM,*9NF NR</b>
Mar 22 2004	12.5"	12mmT4	DIF,VF,VL,OVAL,PATCH,UB,NND,SOMEWHAT BM,R=F	
<b>H603-2</b>	<b>NGC 1275</b>	<b>Per</b>	<b>Galaxy Pec</b>	<b>F,S</b>
Aug 25 1982	12.5"	16mm	MB,ML,FNUC,F*N AND W,GMBM,R-OVAL,2 OTHER GAL CLOSE BY/1272 AND 1278	
Sep 12 2002	12.5"	9mmT6	PB,PL,BNUC,GMBM,OVAL,LARGE NUC,HISB,ABELL426	
<b>H604-2</b>	<b>NGC 818</b>	<b>And</b>	<b>Galaxy SABc:</b>	<b>PB,CL,LE,MBM</b>
Sep 10 2004	31"	17mmT4	MF,PL,OVAL,PATCH,LARGE VFNUC,SOMEWHAT BM,R=F	
<b>H604-3</b>	<b>NGC 845</b>	<b>And</b>	<b>Galaxy Sb</b>	<b>VF,IF,STELLAR</b>
Sep 10 2004	31"	17mmT4	PF,ML,EDGE ON,SMALL FNUC,F* ON TIP,CENTRAL BULGE,R=F	
<b>H605-2</b>	<b>NGC 828</b>	<b>And</b>	<b>Galaxy Sa: pec</b>	<b>PB,S,IR,D*F15S</b>
Sep 10 2004	31"	17mmT4	PF,ML,OVAL,LARGE FNUC,SHISB MIDDLE,R=F	
<b>H605-3</b>	<b>NGC 2512</b>	<b>Cnc</b>	<b>Galaxy SBb</b>	<b>VF,S,IR</b>
Jan 24 2004	31"	17mmT4	MF,PL,OVAL,SMALL FNUC,R=F	
<b>H606-2</b>	<b>NGC 7231</b>	<b>Lac</b>	<b>Galaxy SBa</b>	<b>EF,S,ER</b>
Sep 11 2004	31"	17mmT4	MB,MS,ELONG,PATCH,SHISB,SBM,R=G	
<b>H606-3</b>	<b>NGC 2558</b>	<b>Cnc</b>	<b>Galaxy SAB(rs)ab</b>	<b>VF,S,R,SBM,STELLAR</b>
Mar 17 2010	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,GRAD BM,SOMEWHAT HISB MIDDLE,R=F	
<b>H607-2</b>	<b>NGC 1175</b>	<b>Per</b>	<b>Galaxy SA(r)0+</b>	<b>F,CL,E</b>

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<b>H607-2</b>	<b>NGC 1175</b>	<b>Per</b>	<b>Galaxy SA(r)0+</b>	<b>F,CL,E</b>
Aug 17 1982	12.5" 16mm	DIF,MF,VS,SLIGHTLY ELONG,SBM,PATCHY,F*S SUSP,COMPANION/1177		
Oct 03 1981	12.5" 12mm	EDIF,VF,ES,ELONG,STELL NUC SUSP,OBLONG IN SHAPE		
<b>H608-2</b>	<b>NGC 1193</b>	<b>Per</b>	<b>Open Cluster 14.0 I 2 m</b>	<b>F,CL,ER</b>
Aug 10 2002	12.5" 9mmT6	PF,PS,TIGHT GROUPING,*S SIMILAR MAGNITUDE		
<b>H609-2</b>	<b>NGC 252</b>	<b>And</b>	<b>Galaxy (R)SA(r)0+:</b>	<b>PB,S,R,PMBM,R,**P</b>
Oct 05 2002	12.5" 9mmT6	PB,PL,BNUC,R,SMBM,MOD HISB		
Sep 14 2012	36" 17mmT4	MB,ML,OVAL,R,LARGE BNUC,HISB,LARGE HALO,PAIR=258,R=G		
<b>H610-2</b>	<b>NGC 661</b>	<b>Tri</b>	<b>Galaxy E+:</b>	<b>F,S,R,BM,R</b>
Dec 04 2004	31" 17mmT4	MF,MS,R,LARGE BNUC,MOD HISB,R=G		
<b>H610-3</b>	<b>NGC 4705</b>	<b>Vir</b>	<b>Galaxy SAB(s)bc: sp</b>	<b>CF,PL,LE</b>
Mar 27 1982	12.5" 12mm	EDIF,VF,MS,ELONG,UB,NND		
<b>H611-2</b>	<b>NGC 670</b>	<b>Tri</b>	<b>Galaxy SA0</b>	<b>F,S,LE</b>
Aug 25 1982	12.5" 16mm	SEEN AS AN E4 GALAXY,SBM,DIM,NEC SUSP		
Sep 14 2012	36" 17mmT4	MB,ML,ELONG,LARGE BNUC,MHISB,CIGAR SHAPE,R=FG		
Sep 18 1980	12.5" 24mm			
Sep 23 1981	12.5" 16mm	DIF,MF,PS,FARM,NO *S,NND,OBLONG,PAIR/672		
<b>H611-3</b>	<b>NGC 4725</b>	<b>Com</b>	<b>Galaxy SAB(r)ab pec</b>	<b>VB,VL,E,VG,VSVMBMEBN</b>
Feb 12 1983	12.5" 24mm	VB,EL,BNUC,LARGE BRT NUC,OVAL,SLIGHTLY ELONG		
Mar 17 2018	36" 17mmT4	MB,VL,R,L BRT NUC,MBM,HISB MIDDLE,7F*S IN GAL,ARMS,KNOTS,PATCHES,BAR SUSP,R=GE		
<b>H612-2</b>	<b>NGC 684</b>	<b>Tri</b>	<b>Galaxy Sb sp</b>	<b>F,VLE,*13F100"</b>
Dec 04 2004	31" 17mmT4	MB,ML,EDGE ON,BRT NUC,CENTRAL BULGE,DUST SUSP,TAPERED ENDS,SHISB MIDDLE,R=E		
<b>H613-2</b>	<b>NGC 855</b>	<b>Tri</b>	<b>Galaxy E</b>	<b>F,S,LE90,BM</b>
Oct 22 1982	12.5" 16mm	DIF,MF,PS,PATCH,F*S SIDE,UB,NND,12MM SLIGHTLY ELONG,SBM		
<b>H614-2</b>	<b>NGC 2275</b>	<b>Gem</b>	<b>Galaxy S?</b>	<b>EF,VS</b>
Oct 05 2002	12.5" 9mmT6	PB,VL,PATCH,MOD HISB,NND,PAIR/2274		
<b>H614-3</b>	<b>NGC 4890</b>	<b>Vir</b>	<b>Galaxy Sm</b>	<b>CF,S,IR,BM</b>
Mar 22 2004	12.5" 12mmT4	PF,MS,OVAL,PATCH,NND,SOMEWHAT BM,PAIRS=4915/4918,R=F		
<b>H615-2</b>	<b>NGC 2274</b>	<b>Gem</b>	<b>Galaxy E</b>	<b>F,S,BM</b>
Oct 05 2002	12.5" 9mmT6	PB,PL,BNUC,R-OVAL,LARGE NUC,MOD HISB,PAIR/2275		
<b>H615-3</b>	<b>NGC 3304</b>	<b>LMi</b>	<b>Galaxy SB(s)a?</b>	<b>VF,CS,PSBM,ER</b>
Jan 24 2004	31" 17mmT4	MF,MS,ELONG,LARGE FNUC,GBM,R=F		
<b>H616-2</b>	<b>NGC 2435</b>	<b>Gem</b>	<b>Galaxy Sa</b>	<b>F,S,LBM</b>
Dec 06 2002	12.5" 9mmT6	PB,ML,ELONG,BNUC,MBM,MOD HISB CENTER,STELLER NUC SUSP,DUST SUSP		
<b>H617-2</b>	<b>NGC 691</b>	<b>Ari</b>	<b>Galaxy SA(rs)bc</b>	<b>F,CL,VGLBM</b>
Oct 22 1982	12.5" 16mm	DIF,MF,MS,BRIGHT KNT IN E PART,CLOSE DOUBLE IN W SIDE,OVAL,PAIR/694		
Sep 23 2003	31" 17mmT4	MB,VL,OVAL,R,FNUC,DOUBLE * IN FOV,F*S AROUND GAL,SPR STR DET,ARMS,HISB MID,R=E		
<b>H618-2</b>	<b>NGC 695</b>	<b>Ari</b>	<b>Galaxy S0? pec</b>	<b>VS,STELLAR</b>
Oct 22 1982	12.5" 16mm	VF,ES,STRAIGHT N OF 697,F* ON W SIDE,R,STELL NUC		
<b>H619-2</b>	<b>NGC 1156</b>	<b>Ari</b>	<b>Galaxy IB(s)m</b>	<b>PB,CL,PME0,BET2*</b>
Oct 23 1982	12.5" 16mm	HISB,SAME		
Oct 31 1980	12.5" 24mm			
Sep 10 1980	12.5" 24mm	B*N PART		
Sep 24 1981	12.5" 16mm	* IN GAL N SIDE(13MAG),PATCHY DIFF,UB,2-3F*S AROUND GAL		
<b>H619-3</b>	<b>NGC 5107</b>	<b>CVn</b>	<b>Galaxy SB(s)d? sp</b>	<b>VF,S,CEO</b>
Jan 28 1982	12.5" 16mm	VDIF,EF,ES,ELONG,NND		

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<b>H619-3</b>	<b>NGC 5107</b>	<b>CVn</b>	<b>Galaxy SB(s)d? sp</b>	<b>VF,S,CE0</b>
Jan 28 1982	12.5"	16mm	VDIF,EF,ES,ELONG,NND	
Jan 28 1982	12.5"	24mm	EASIER TO DETECT THAN IN 16MM	
<b>H620-2</b>	<b>NGC 1169</b>	<b>Per</b>	<b>Galaxy SAB(r)b</b>	<b>PF,PS,IF,SBM</b>
Aug 17 1982	12.5"	16mm	DIF,MF,MS,FNUC,F*S AND E 1 OR 2 GAL DIA,SBM,CLASS E3	
Oct 03 1981	12.5"	16mm	DIF,VF,PS,DNUC,F*W PART OF GAL,SMBM,NUC DET	
<b>H620-3</b>	<b>NGC 5243</b>	<b>CVn</b>	<b>Galaxy S</b>	<b>CF,PL,E65,(BIN)</b>
Feb 15 2004	31"	17mmT4	MF,PL,EDGE ON,PATCH,UB,NND,SHISB,R=G	
<b>H621-2</b>	<b>NGC 259</b>	<b>Cet</b>	<b>Galaxy Sbc: sp</b>	<b>F,S,E135,LBM</b>
Oct 13 2007	31"	17mmT4	MB,PL,EDGE ON,NND,SOME STR SUSP,SMALL CENTRAL BULGE,R=F	
<b>H622-2</b>	<b>NGC 428</b>	<b>Cet</b>	<b>Galaxy SAB(s)m</b>	<b>F,L,R,BM,ER</b>
Sep 09 1980	12.5"	32mm	BETWEEN 2 BRT *S	
Sep 10 1980	12.5"	24mm		
Sep 27 1981	12.5"	16mm	VDIF,MF,PL,BETWEEN 2F*S ON OPPOSITE SIDES,NNS,UB,PATCHY-OVAL	
<b>H622-3</b>	<b>NGC 6038</b>	<b>CrB</b>	<b>Galaxy Sc</b>	<b>VF,S,R,*10SF</b>
Jun 19 2004	31"	17mmT4	MV,PL,OVAL,SMALL FNUC,SHISB,R=G	
<b>H623-3</b>	<b>NGC 6120</b>	<b>CrB</b>	<b>Galaxy Pec</b>	<b>VF,VS,R,D*NF</b>
Apr 04 2005	31"	17mmT4	MF,PL,OVAL,PATCH,UB,NND,SHISB,PAIRS=6119/6122/MAC,R=G	
<b>H624-3</b>	<b>NGC 6137</b>	<b>CrB</b>	<b>Galaxy E</b>	<b>F,S,IR,BM</b>
Apr 04 2005	31"	17mmT4	MF,PS,OVAL,NND,MHISB,F* BETWEEN,CLOSE COMP=PGC57964,R=G	
<b>H625-3</b>	<b>NGC 2704</b>	<b>Lyn</b>	<b>Galaxy SB(r)ab</b>	<b>VF,VS</b>
Nov 24 2003	31"	17mmT4	MF,MS,OVAL,UB,STELL NUC,SBM,R=F	
<b>H626-3</b>	<b>NGC 2755</b>	<b>Lyn</b>	<b>Galaxy S?</b>	<b>VF,S,IF,LBM,R</b>
Apr 03 2005	31"	17mmT4	MF,ML,ELONG,OVAL,PATCH,UB,R=G	
<b>H627-2</b>	<b>NGC 2545</b>	<b>Cnc</b>	<b>Galaxy (R)SB(r)ab</b>	<b>F,S,LE45,*8NP4'</b>
Feb 21 1984	12.5"	12mm	SAME,VDIF,MF,PS,F*N	
Oct 24 1981	12.5"	12mm	EDIF,VF,ES,F*N 1 GAL DIA,PATCHY,NUC DET,STELL NUC	
<b>H627-3</b>	<b>NGC 2838</b>	<b>Lyn</b>	<b>Galaxy E/S0</b>	<b>VF,VS,R</b>
Dec 26 2003	31"	17mmT4	MB,MS,R,SMALL BNUC,HISB MIDDLE,PAIRS=MAC'S,R=G	
<b>H628-2</b>	<b>NGC 4312</b>	<b>Com</b>	<b>Galaxy SA(rs)ab: sp</b>	<b>PB,CL,E,GBM</b>
Apr 26 2003	12.5"	9mmT6	MB,PL,EDGE ON,UB,SOMEWHAT HISB,CENTRAL PART OF GAL HISB,TIPS FAINTER,R=G	
<b>H628-3</b>	<b>NGC 2844</b>	<b>Lyn</b>	<b>Galaxy SA(r)a:</b>	<b>CF,CS</b>
Dec 26 2003	31"	17mmT4	MB,MS,OVAL,LARGE BNUC,BRT BAR,GMBM,MOD HISB MIDDLE,R=G	
<b>H629-3</b>	<b>NGC 2852</b>	<b>Lyn</b>	<b>Galaxy SAB(r)a?</b>	<b>VF,CS,R,*10P2',1ST-2</b>
Dec 26 2003	31"	17mmT4	MF,MS,SMALL BNUC,HOD HISB MIDDLE,GMBM,PAIR=2853,R=G	
<b>H630-3</b>	<b>NGC 2853</b>	<b>Lyn</b>	<b>Galaxy SB0:</b>	<b>VF,S,VGBM,2ND OF 2</b>
Dec 26 2003	31"	17mmT4	MF,PS,PATCH,UB,NND,VF* ON EDGE,PAIR=2852,R=F	
<b>H631-3</b>	<b>NGC 3237</b>	<b>UMa</b>	<b>Galaxy (R)SAB0^</b>	<b>VF,VS,R,PGBM</b>
Feb 25 1982	12.5"	16mm	DIF,MF,MS,FNUC,R,SBM,NUC DET,SEVERAL *S SCATTERED N TO S	
<b>H633-2</b>	<b>NGC 1058</b>	<b>Per</b>	<b>Galaxy SA(rs)c</b>	<b>PF,CL,R,GLBM</b>
Aug 17 1982	12.5"	16mm	F* IN NE PART,B*S AROUND GAL,ROUND-OVAL,NND,HISB	
Aug 19 1980	12.5"	24mm	EXTREMELY FAINT AND DIF	
Jul 24 1980	12.5"	24mm	LOW SURFACE BRIGHTNESS,STELL NUC	
Oct 03 1981	12.5"	16mm	DIF,MB,ML,VERY R,F* SURROUNDS GAL,NND,UB	
<b>H636-2</b>	<b>NGC 4597</b>	<b>Vir</b>	<b>Galaxy SB(rs)m</b>	<b>F,VL,BM</b>
Jun 04 1981	12.5"	24mm	DIF,PF,PL,EDGE ON,FAINT HALO,PAIR/4593	
<b>H637-3</b>	<b>NGC 6058</b>	<b>Her</b>	<b>Planetary Neb 3+2</b>	<b>PF,VS,R,STELLAR</b>
Mar 20 2009	31"	17mmT4	MF,MS,R.B C* 12TH MAG,GRANULAR NEB,OIII KNOCKS OUT C*,DOESNOT HELP MUCH,R=F	

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<b>H637-3</b>	<b>NGC 6058</b>	<b>Her</b>	<b>Planetary Neb 3+2</b>	<b>PF,VS,R,STELLAR</b>
Mar 20 2009	31"	17mmT4	MF,MS,R,B C* 12TH MAG,GRANULAR NEB,OIII KNOCKS OUT C*,DOESNOT HELP MUCH,R=F	
Sep 06 2002	12.5"	16mm	PB,ML,R,DIF HALO,BM	
Sep 06 2002	12.5"	9mmT6	BM,MOD HISB,CENTRAL *	
<b>H638-3</b>	<b>NGC 6146</b>	<b>Her</b>	<b>Galaxy E?</b>	<b>CF,VS,R,BM</b>
Feb 27 1982	12.5"	16mm	PF,VS,DNUC,F*NW 1 GAL DIA,SMALL NUC,R,CLOSE PAIR/6145	
<b>H639-2</b>	<b>NGC 3158</b>	<b>LMi</b>	<b>Galaxy E3:</b>	<b>CB,CS,R,PSBM,R</b>
Dec 26 2003	31"	17mmT4	MF,ML,R,LARGE BNUC,MOD HISB MIDDLE,R=G	
Feb 25 1982	12.5"	16mm	MF,MS,BNUC,BET 3*S SAME MAG,R,SMBM,NUC DET,1 OF 5 COMP	
<b>H640-2</b>	<b>NGC 3163</b>	<b>LMi</b>	<b>Galaxy SA0-:</b>	<b>F,S,R,GBM</b>
Dec 26 2003	31"	17mmT4	MF,PL,SMALL FNUC,SBM,MOD HISB MIDDLE,R=G	
Feb 25 1982	12.5"	16mm	DIF,VF,VS,FNUC,R,GMBM,5 OF 5 COMP	
<b>H640-3</b>	<b>NGC 6173</b>	<b>Her</b>	<b>Galaxy E</b>	<b>CF,VS,R,BM</b>
Feb 27 1982	12.5"	16mm	B* IN FIELD,R,GMBM	
<b>H641-2</b>	<b>NGC 3334</b>	<b>LMi</b>	<b>Galaxy S0?</b>	<b>CF,VS,R,BM</b>
Feb 15 2004	31"	17mmT4	MB,PL,R,LARGE BNUC,MOD HISB,GMBM,PAIR=MAC,R=G	
<b>H642-2</b>	<b>NGC 4156</b>	<b>CVn</b>	<b>Galaxy SB(rs)b</b>	<b>PF,S,E,VGBM,F OF 2</b>
Feb 25 2004	31"	17mmT4	MF,ML,OVAL,SMALL FNUC,PAIR=4151,R=F	
<b>H644-2</b>	<b>NGC 4868</b>	<b>CVn</b>	<b>Galaxy SAab?</b>	<b>PB,S,R,MBM</b>
Jan 28 1982	12.5"	16mm	EDIF,PF,VS,* ON N BORDER,* IN S PART SUSP,OVAL,NND	
<b>H645-2</b>	<b>NGC 4914</b>	<b>CVn</b>	<b>Galaxy E</b>	<b>PB,CS,R,SMBM,*17NP</b>
Jan 28 1982	12.5"	16mm	EEDIF,VF,PS,OVAL,SMB	
<b>H646-2</b>	<b>NGC 5112</b>	<b>CVn</b>	<b>Galaxy SB(rs)cd</b>	<b>F,L,IR,VGLBM</b>
Jan 28 1982	12.5"	16mm	EDIF,VF,MS,* ON E EDGE,OVAL,BRT BAR OR PART SUSP,PAIR/5107	
<b>H646-3</b>	<b>NGC 6018</b>	<b>Ser</b>	<b>Galaxy (R)SAB(s)0+:</b>	<b>VF,S,LE,P OF 2</b>
Jun 01 2008	31"	17mmT4	MB,MS,ELONG,OVAL,SHISB,B* IN GAL,PAIR=6021,R=F	
<b>H647-3</b>	<b>NGC 2759</b>	<b>Lyn</b>	<b>Galaxy S0-:</b>	<b>VF,CS,R</b>
Dec 07 2005	31"	17mmT4	PB,MS,OVAL,SMALL BNUC,VERY MUCH BM,PAIRS=PGC'S,R=G	
<b>H648-3</b>	<b>NGC 4359</b>	<b>Com</b>	<b>Galaxy SB(rs)c? sp</b>	<b>CF,PME90,VLBM</b>
Mar 22 2004	12.5"	12mmT4	PF,ML,ELONG,SMALL BNUC,SHISB,HISB MIDDLE,GMBM,R=E	
<b>H650-2</b>	<b>NGC 5899</b>	<b>Boo</b>	<b>Galaxy SAB(rs)c</b>	<b>CB,PL,PME,SMBMN</b>
May 06 1981	12.5"	24mm	MB,VL,DNUC,DIM HALO	
May 14 2010	31"	17mmT4	PB,ML,ELONG,SMALL BNUC,MOD HISB,GRANULAR ARMS,SMBM,HISB MIDDLE,R=G	
<b>H651-2</b>	<b>NGC 5930</b>	<b>Boo</b>	<b>Galaxy Sa</b>	<b>PF,PS,R,NF OF DNEB</b>
Mar 29 2006	31"	17mmT4	PB,PL,OVAL,SBNUC,CLOSE COMP=5929,BM,SMBM,PAIR=PGC55095,R=G	
May 14 2010	31"	17mmT4	MB,ML,VERY SMALL FNUC,GBM,MHISB,TOUCHING=5929,NICE PAIR,R=G	
<b>H652-3</b>	<b>NGC 5187</b>	<b>CVn</b>	<b>Galaxy S?</b>	<b>VF,VS,R,GLBM</b>
Mar 17 2007	31"	17mmT4	PB,MS,R,LARGE NUC,SOMEWHAT HISB MIDDLE,R=F	
<b>H653-2</b>	<b>NGC 5129</b>	<b>Vir</b>	<b>Galaxy E</b>	<b>PB,VS,R,GMBM,**F</b>
Apr 26 2006	31"	17mmT4	MB,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,PAIRS=PGC'S,R=G	
<b>H654-2</b>	<b>NGC 5951</b>	<b>Ser</b>	<b>Galaxy SBc: sp</b>	<b>F,PS,E150</b>
May 28 2008	31"	17mmT4	MB,VL,EDGE ON,UB,NND,NO CENTRAL BULGE,TAPPED ENDS,R=G	
<b>H655-2</b>	<b>NGC 5980</b>	<b>Ser</b>	<b>Galaxy S</b>	<b>F,PS,E0</b>
Apr 06 2008	31"	17mmT4	MB,ML,ELONG,MOD HISB,PATCHY AREAS DET,R=G	
<b>H656-2</b>	<b>NGC 5984</b>	<b>Ser</b>	<b>Galaxy SB(rs)d:</b>	<b>PB,S,E135,BM</b>
May 31 1981	12.5"	16mm	DIF,VF,ML,ELONG,FAINT HALO	
<b>H657-2</b>	<b>NGC 6012</b>	<b>Ser</b>	<b>Galaxy (R)SB(r)ab:</b>	<b>F,BET 2B ST</b>
Jun 01 2008	31"	17mmT4	PB,PL,PATCH,NND,SHISB,PATCHY ARMS,R=G	

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<b>H657-2</b>	<b>NGC 6012</b>	<b>Ser</b>	<b>Galaxy (R)SB(r)ab:</b>	<b>F,BET 2B ST</b>
Jun 01 2008	31"	17mmT4	PB,PL,PATCH,NND,SHISB,PATCHY ARMS,R=G	
<b>H658-2</b>	<b>NGC 2691</b>	<b>Lyn</b>	<b>Galaxy Sa?</b>	<b>PF,VS,MBM</b>
Nov 24 2003	31"	17mmT4	MF,MS,OVAL,SMALL FNUC,R=F	
<b>H659-2</b>	<b>NGC 4627</b>	<b>CVn</b>	<b>Galaxy E4 pec</b>	<b>F,S,R,NP OF 2</b>
Mar 17 2007	31"	17mmT4	VB,PL,OVAL,R,LARGE NUC,SHISB,LARGE PATCHY NUC,PAIR=4631,R=G	
<b>H660-2</b>	<b>NGC 4625</b>	<b>CVn</b>	<b>Galaxy SAB(rs)m pec</b>	<b>PF,S,R</b>
Feb 17 2004	31"	17mmT4	PB,PL,R,LARGE BNUC,MOD HISB MIDDLE.PAIR=4618,R=E	
Jan 28 1982	12.5"	16mm	EDIF,VF,VS,* TO S,PATCHY,NND,PAIR/4618	
<b>H660-3</b>	<b>NGC 5900</b>	<b>Boo</b>	<b>Galaxy Sb: sp</b>	<b>VF,S,VLE,GBM</b>
May 14 2010	31"	17mmT4	MF,MS,EDGE ON,UB,NND,SLIGHT CENTRAL BULDGING,R=F	
<b>H661-2</b>	<b>NGC 4655</b>	<b>CVn</b>	<b>Galaxy S</b>	<b>VF,VS,STELLAR,*15F</b>
Feb 17 2004	31"	17mmT4	MF,MS,OVAL,LARGE FNUC,PAIR=MAC,R=F	
<b>H662-3</b>	<b>NGC 4653</b>	<b>Vir</b>	<b>Galaxy SAB(rs)cd</b>	<b>VF,PL</b>
Mar 27 1982	12.5"	12mm	DIF,VERY EDGE ON,DOUBLE * CLOSE BY,BRT MIDDLE,STELL NUC,DUST SUSP,CLOSE COMP?	
<b>H664-2</b>	<b>NGC 5023</b>	<b>CVn</b>	<b>Galaxy Scd: sp</b>	<b>PF,L,ME20,VLBM</b>
Jan 28 1982	12.5"	16mm	VDIF,VF,MS,VERY EDGE ON,SPIKE LIKE	
<b>H664-3</b>	<b>NGC 4690</b>	<b>Vir</b>	<b>Galaxy (R')SA0-?</b>	<b>VF,S</b>
Feb 27 1982	12.5"	12mm	MARS TOO CLOSE, CANNOT SEE GAL	
<b>H665-2</b>	<b>NGC 5103</b>	<b>CVn</b>	<b>Galaxy S?</b>	<b>PB,CS,E</b>
Jan 28 1982	12.5"	16mm	DIF,PF,PS,B*N,F*NE,SBM,MOD HISB	
<b>H666-2</b>	<b>NGC 5123</b>	<b>CVn</b>	<b>Galaxy Scd:</b>	<b>PF,S,R,GMBM</b>
Jan 28 1982	12.5"	16mm	VDIF,VF,VS,VF* OFF TO E,PATCHY,R,NND	
<b>H667-2</b>	<b>NGC 5145</b>	<b>CVn</b>	<b>Galaxy S?</b>	<b>PB,VS,VLE,GLBM</b>
Jan 28 1982	12.5"	16mm	VDIF,VF,VS,PATCHY,OVAL,F*NE SEVERAL GAL DIA	
<b>H668-2</b>	<b>NGC 5289</b>	<b>CVn</b>	<b>Galaxy (R)SABab: sp</b>	<b>VF,VS,LE90,SBM</b>
Jan 28 1982	12.5"	16mm	DIF,PF,PS,ELONG,*S N S E,SBM,PAIR/5290	
<b>H669-2</b>	<b>NGC 5320</b>	<b>CVn</b>	<b>Galaxy SAB(rs)c:</b>	<b>CF,PL,R,GBM</b>
Jan 28 1982	12.5"	16mm	EDIF,MF,MS,OVAL,NND,UB	
<b>H670-2</b>	<b>NGC 5336</b>	<b>CVn</b>	<b>Galaxy Scd:</b>	<b>CF,PL,R,PSBM</b>
Jan 28 1982	12.5"	16mm	VDIF,VF,VS,SMALL BLURR,OVAL,SBM	
<b>H670-3</b>	<b>NGC 5047</b>	<b>Vir</b>	<b>Galaxy S0 sp</b>	<b>VF</b>
Mar 22 2004	12.5"	12mmT4	MF,MS,ELONG,PATCH,SBM,PAIR=5044 AND OTHERS,R=F	
May 09 2010	31"	17mmT4	MF,MS,EDGE ON,UB,NND,SLIGHT CENTRAL BULGE,MANY OTHERS,R=F	
<b>H671-2</b>	<b>NGC 5362</b>	<b>CVn</b>	<b>Galaxy Sb? pec</b>	<b>PB,PL,E</b>
Jan 28 1982	12.5"	16mm	VDIF,PF,PS,* OFF E SIDE,OVAL,NND	
<b>H671-3</b>	<b>NGC 5716</b>	<b>Lib</b>	<b>Galaxy SB(rs)c?</b>	<b>VF,PL,R</b>
Apr 14 2004	31"	17mmT4	DIF,VF,ML,OVAL,PATCH,UB,NND,R=F	
<b>H672-3</b>	<b>NGC 5173</b>	<b>CVn</b>	<b>Galaxy E0:</b>	<b>F,VS,R,STELLAR</b>
Jan 28 1982	12.5"	16mm	EDIF,PS,VS,NUC COMES AND GOES,R,F*N AND S	
<b>H675-3</b>	<b>NGC 5714</b>	<b>Boo</b>	<b>Galaxy Scd:</b>	<b>VF,PS,E PF,D*N,1 OF6</b>
Mar 16 2010	31"	17mmT4	MB,ML,EDGE ON,UB,NND,GRAD CENTRAL BULGE,SOMEWHAT HISB,SHARP ENDS,PAIRS=NGC'S,R=G	
<b>H676-3</b>	<b>NGC 5520</b>	<b>Boo</b>	<b>Galaxy Sb</b>	<b>F,S,LE,STELLAR</b>
Jun 01 2003	12.5"	9mmT6	DIF,PF,PL,OVAL,PATCH,FNUC,SHISB,SMALL NUC AREA,SBM,R=F	
Mar 06 2003	12.5"	9mmT6	MB,MS,ELONG,BNUC,SMALL BRT NUC,SLIGHTLY HISB,R=F	
<b>H680-3</b>	<b>NGC 6154</b>	<b>Her</b>	<b>Galaxy SB(r)a</b>	<b>VF,S,R,LBM,ER</b>

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<b>H680-3</b>	<b>NGC 6154</b>	<b>Her</b>	<b>Galaxy SB(r)a</b>	<b>VF,S,R,LBM,ER</b>
Feb 27 1982	12.5" 16mm	NND,EDIF,EF,MS,2F*S W SIDE IN A LINE		
<b>H683-2</b>	<b>NGC 5792</b>	<b>Lib</b>	<b>Galaxy SB(rs)b</b>	<b>PB,PL,R,MBM,*8,9NP1'</b>
May 02 1981	12.5" 16mm	DIF,PB,PL,ELONG,DIM HALO,14TH MAG * N SIDE OF GAL		
<b>H687-2</b>	<b>NGC 5506</b>	<b>Vir</b>	<b>Galaxy Sa pec sp</b>	<b>PB,L,E20,LBM</b>
Apr 26 2003	12.5" 9mmT6	MB,PL,ELONG TO EDGE ON,UB,NND,PAIR=5507,R=G		
<b>H687-3</b>	<b>NGC 5754</b>	<b>Boo</b>	<b>Galaxy SB(rs)b</b>	<b>CF,CS,R,BM</b>
Mar 29 2006	31" 17mmT4	MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,PAIR=5752,R=G		
<b>H688-2</b>	<b>NGC 5301</b>	<b>CVn</b>	<b>Galaxy SA(s)bc: sp</b>	<b>CF,L,VME</b>
Jan 28 1982	12.5" 16mm	DIF,MF,ML,EDGE ON,2*S AT EACH TIP,NND,UB		
<b>H688-3</b>	<b>NGC 6104</b>	<b>CrB</b>	<b>Galaxy S?</b>	<b>VF,S,IR</b>
Apr 04 2005	31" 17mmT4	MB,ML,OVAL,UB,NND,SHISB,PAIR=PGC57698,R=G		
<b>H689-2</b>	<b>NGC 5198</b>	<b>CVn</b>	<b>Galaxy E1-2:</b>	<b>PF,PS,R,MBM</b>
Jan 28 1982	12.5" 16mm	PF,MS,BNUC,2*S N AND W EDGE OF GAL,R,GBM		
<b>H690-2</b>	<b>NGC 6155</b>	<b>Her</b>	<b>Galaxy S?</b>	<b>F,PS,IF,GBM</b>
Feb 27 1982	12.5" 16mm	DIF,VF,MS,OVAL,MOD HISB,NND		
<b>H690-3</b>	<b>NGC 5757</b>	<b>Lib</b>	<b>Galaxy (R)SB(r)b</b>	<b>VF,S,IR,LBM</b>
May 02 1981	12.5" 16mm	DIF,PF,VS,FAINT HALO		
<b>H691-2</b>	<b>NGC 5448</b>	<b>UMa</b>	<b>Galaxy (R)SAB(r)a</b>	<b>PB,CL,VME90,SMBMN</b>
Nov 24 2006	12.5" 12mmT4	MB,PL,ELONG,PATCH,UB,NND,SOMEWHAT HISB,R=G		
<b>H691-3</b>	<b>NGC 5791</b>	<b>Lib</b>	<b>Galaxy E6:</b>	<b>PF,S,R,STELLAR</b>
May 02 1981	12.5" 16mm	DIF,VF,PS,FAINT HALO		
<b>H692-2</b>	<b>NGC 5480</b>	<b>UMa</b>	<b>Galaxy SA(s)c:</b>	<b>F,PS,VGBM,NP OF 2</b>
Mar 06 2003	12.5" 9mmT6	DIF,MB,PL,R,PATCH,SBM,LARGER THAN COMP,PAIR/5481,R=F		
<b>H692-3</b>	<b>NGC 7171</b>	<b>Aqr</b>	<b>Galaxy SB(rs)b</b>	<b>VF,CL,E124,VGBM</b>
Jul 10 1981	12.5" 16mm	DIF,PF,MS,ELONG,FAINT HALO		
Oct 04 2005	31" 17mmT4	MF,VL,OVAL,UB,PATCHY NUC,VF* IN EDGE OF GAL,R=G		
Sep 10 1980	12.5" 16mm			
<b>H693-2</b>	<b>NGC 5481</b>	<b>UMa</b>	<b>Galaxy E+</b>	<b>F,VS,SMBM,STELL,SF-2</b>
Mar 06 2003	12.5" 9mmT6	DIF,MB,ML,R,PATCH,*NUC,PAIR/5480,R=F		
<b>H693-3</b>	<b>NGC 7180</b>	<b>Aqr</b>	<b>Galaxy S0^?</b>	<b>VF,S,R,LBM,P OF 2</b>
Oct 07 2010	31" 17mmT4	MB,ML,ELONG,LARGE BNUC,HISB MIDDLE,SUDDENLY MBM,R=G		
Sep 06 2002	12.5" 9mmT6	DIF,PF,PL,PATCH,UB,NND		
<b>H694-2</b>	<b>NGC 5602</b>	<b>Boo</b>	<b>Galaxy Sa</b>	<b>PF,PS,LE,MBM</b>
Jun 01 2003	12.5" 9mmT6	MF,MS,OVAL,FNUC,SHISB,SMALL NUC,R=F		
<b>H694-3</b>	<b>NGC 1343</b>	<b>Cas</b>	<b>Galaxy SAB(s)b: pec</b>	<b>F,VS,IR,GBM,D*V NR</b>
Jan 30 2003	12.5" 9mmT6	MB,PL,R,FNUC,S HISB,F* OFF TO ONE SIDE,FACE ON,R=G		
<b>H695-2</b>	<b>NGC 5660</b>	<b>Boo</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,L,IR,VGBM</b>
May 06 1981	12.5" 24mm	DIF,PB,PL,BRT HALO		
<b>H695-3</b>	<b>NGC 896</b>	<b>Cas</b>	<b>Nebula E</b>	<b>EF,PL,IF</b>
Sep 06 2002	12.5" 9mmT6	PF,EL,BRT NEBULA,FAINT HINT OF BRIGHT AREA COMPARED TO BACKGROUND,LOCATION GOOD		
<b>H696-3</b>	<b>NGC 7139</b>	<b>Cep</b>	<b>Planetary Neb 3b</b>	<b>VF,CS,R,R</b>
Aug 25 1982	12.5" 24mm	VDIF,VF,ML,R,BARELY VISIBLE IN 24MM,F* IN S PART OF NEBULA,UB		
Sep 12 2012	36" 17mmT4	MB,ML,R,UB,W/OIII,SOME PATCHY DARK AREAS,OIII HELPS BRING OUT MORE DETAIL,R=G		
<b>H697-3</b>	<b>NGC 4183</b>	<b>CVn</b>	<b>Galaxy SA(s)cd? sp</b>	<b>VF,CL,ME170</b>
Jan 26 1982	12.5" 16mm	DIF,PF,ML,EDGE ON,13* S EDGE,NND,UB		
<b>H698-2</b>	<b>NGC 5380</b>	<b>CVn</b>	<b>Galaxy SA0-</b>	<b>F,CS,R,SMBM</b>



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<b>H698-2</b>	<b>NGC 5380</b>	<b>CVn</b>	<b>Galaxy SA0-</b>	<b>F,CS,R,SMBM</b>
Jan 28 1982	12.5" 16mm	DIF,MF,MS,FNUC,*NE,OVAL,SBM		
<b>H698-3</b>	<b>NGC 5337</b>	<b>CVn</b>	<b>Galaxy S?</b>	<b>VF,S,IR,*7P</b>
Jan 28 1982	12.5" 16mm	EDIF,VF,MS,INSIDE SMALL TRI OF **S,NND		
<b>H699-2</b>	<b>NGC 5406</b>	<b>CVn</b>	<b>Galaxy SAB(rs)bc</b>	<b>F,PS,R,LBM</b>
Jan 28 1982	12.5" 16mm	DIF,MF,MS,OVAL,UB,STELL NUC,B* CLOSE BY		
<b>H699-3</b>	<b>NGC 5355</b>	<b>CVn</b>	<b>Galaxy S0?</b>	<b>VF,PS,4TH OF 4</b>
Jun 01 2008	31" 17mmT4	MB,MS,R,LBNUC,MB,PAIRS=5353/5354/5450,R=F		
<b>H700-3</b>	<b>NGC 3319</b>	<b>UMa</b>	<b>Galaxy SB(rs)cd</b>	<b>CF,L,IE,MB,S OF M</b>
Mar 15 1985	12.5" 24mm	EDIF,EF,MS,OVAL,UB,*S OFF TO ONE SIDE		
<b>H701-2</b>	<b>NGC 6207</b>	<b>Her</b>	<b>Galaxy SA(s)c</b>	<b>PB,PL,E45,VGMBM</b>
Feb 25 1982	12.5" 16mm	DIF,MF,PS,ELONG,FNUC,BY M13,4F*S W SIDE,STELL NUC		
Jul 05 1980	12.5" 24mm			
Jul 11 1980	12.5" 24mm			
Jul 12 1980	12.5" 24mm			
Jul 14 1980	12.5" 24mm	WITH BARLOW THERE IS A B* IN GAL CENTER		
Jun 17 1980	12.5" 24mm	GREAT,FIRST SIGHTING OF THIS OBJECT,SAME 24MM FOV AS M13		
Jun 20 1980	12.5" 24mm			
Mar 27 1981	12.5" 24mm			
<b>H702-2</b>	<b>NGC 7392</b>	<b>Aqr</b>	<b>Galaxy SA(s)bc</b>	<b>PB,PS,LE120,MBM</b>
Jul 10 1981	12.5" 24mm	NO BRT TOWARDS CENTER,SEEMS TO BE A WHISP IN THE S ARM,MF,MS,DIF		
<b>H703-3</b>	<b>NGC 2385</b>	<b>Gem</b>	<b>Galaxy Sb</b>	<b>VF,VS,R,BM</b>
Dec 06 2002	12.5" 9mmT6	EDIF,EF,ES,COMES AND GOES WITH AVERTED VISION		
<b>H704-2</b>	<b>NGC 1184</b>	<b>Cep</b>	<b>Galaxy S0/a</b>	<b>F,PL,ME</b>
Jan 30 2003	12.5" 9mmT6	MB,PL,EDGE ON,FNUC,SBM,CENTRAL BULGE,R=G		
Sep 06 2002	12.5" 9mmT6	MB,ML,ELONG,SOMEWHAT EDGE ON,HISB MIDDLE,GMBM,CENTRAL BULGE		
<b>H705-2</b>	<b>NGC 7354</b>	<b>Cep</b>	<b>Planetary Neb 4+3b</b>	<b>PLN,B,S,R,PGVLBM</b>
Jul 09 1983	12.5" 12mm	VF,PS,2F*S ON EDGE,VERY R,SOFT UB GLOW		
Sep 02 2008	31" 17mmT4	PB,ML,R,UB,GREENISH,NO C*,SOFT,OIII DOESNOT HELP MUCH,R=E		
Sep 12 2012	36" 17mmT4	PB,ML,R,UB,MHISB,BLUEISH GREEN,NO C*,OIII DARKENS NEB AND BRINGS OUT MORE DET,PATCHY,DARK AREAS,R=E		
<b>H705-3</b>	<b>NGC 3478</b>	<b>UMa</b>	<b>Galaxy SB(rs)bc</b>	<b>EF,S,R</b>
Mar 15 1985	12.5" 16mm	EEDIF,EF,MS,2F*S TO S,PATCY,UB,NND		
<b>H706-2</b>	<b>NGC 7538</b>	<b>Cep</b>	<b>Nebula E</b>	<b>VF,L,2PB*INV</b>
Sep 18 2004	31" 17mmT4	W/OIII,PB,PL,UB,SHISB,2 B*S IN CTR,WHISPS OF NEB,SPIRAL SHAPE,GREENISH,R=E		
<b>H707-2</b>	<b>NGC 185</b>	<b>Cas</b>	<b>Galaxy E3 pec</b>	<b>PB,VL,IR,VGMBM,R</b>
Aug 19 1980	12.5" 24mm			
Aug 22 1980	12.5" 24mm			
Jul 15 1980	12.5" 24mm	DIF,EF,PL,AVERTED VISION		
Jul 17 1980	12.5" 24mm			
Jul 31 1981	12.5" 24mm	DIF,SETLLAR NUC,DIF HALO,R TO OVAL IN SHAPE		
Sep 18 1980	12.5" 24mm			
Sep 28 2013	36" 17mmT4	PB,PL,OVAL,UB,MOD HISB,SEVERAL VF* IN GAL AREA,R=G		
<b>H708-2</b>	<b>NGC 2798</b>	<b>Lyn</b>	<b>Galaxy SB(s)a pec</b>	<b>PB,S,STELLAR</b>
Dec 26 2003	31" 17mmT4	PB,PL,R,LARGE BNUC,MHISB,PAIR=2799,R=G		
<b>H708-3</b>	<b>NGC 4117</b>	<b>CVn</b>	<b>Galaxy S0^:</b>	<b>VF,VS</b>
Feb 25 2004	31" 17mmT4	MB,MS,OVAL,SMALL BNUC,MOD HISB MIDDLE,PAIRS/4118/MAC,R=G		
<b>H709-3</b>	<b>NGC 2500</b>	<b>Lyn</b>	<b>Galaxy SB(rs)d</b>	<b>F,L,R,VGBM,R,AM ST</b>

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<b>H709-3</b>	<b>NGC 2500</b>	<b>Lyn</b>	<b>Galaxy SB(rs)d</b>	<b>F,L,R,VGBM,R,AM ST</b>
Jan 08 2003	12.5"	9mmT6	MB,VL,FARMS,STELL NUC,F* IN EDGE OF ARM,R-OVAL,SPR STR SUSP	
<b>H710-2</b>	<b>NGC 5311</b>	<b>CVn</b>	<b>Galaxy S0/a</b>	<b>CF,CS,R,SBM,P OF 2</b>
Jan 28 1982	12.5"	16mm	MF,PS,DNUC,SBM,PAIR/5313	
<b>H710-3</b>	<b>NGC 2541</b>	<b>Lyn</b>	<b>Galaxy SA(s)cd</b>	<b>F,L,E,VGBM</b>
Jan 08 2003	12.5"	9mmT6	EDIF,VF,VL,LARGE OVAL PATCH UB,F* IN GAL EDGE,STELL NUC SUSP	
<b>H711-2</b>	<b>NGC 5313</b>	<b>CVn</b>	<b>Galaxy Sb?</b>	<b>PB,PS,VLE,GLBM,F OF2</b>
Jan 28 1982	12.5"	16mm	DIF,MF,MS,MOD HISB,OVAL-PATCH,NND,PAIR/5311	
<b>H711-3</b>	<b>NGC 2552</b>	<b>Lyn</b>	<b>Galaxy SA(s)m?</b>	<b>EF,CL,LE45</b>
Feb 01 2005	31"	17mmT4	DIF,VF,EL,PATCH,UB,BROKEN PATCHES,SEVERAL F*'S IN GAL,R=F	
<b>H712-2</b>	<b>NGC 5326</b>	<b>CVn</b>	<b>Galaxy SAa:</b>	<b>CF,S,VLE,SBM</b>
Jan 26 1982	12.5"	16mm	DIF,MF,MS,BM,NUC DET	
<b>H712-3</b>	<b>NGC 2684</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>F,PL,R,GBM,45*NR</b>
Apr 07 2008	31"	17mmT4	MF,PL,R,LARGE FNUC,MOD HISB,PAIRS=NGC'S,R=G	
<b>H713-2</b>	<b>NGC 5350</b>	<b>CVn</b>	<b>Galaxy SB(r)b</b>	<b>CF,PL,BM,*7P,1ST OF4</b>
Jan 28 1982	12.5"	16mm	DIF,MF,PL,R,UB,NND,PAIR/5353/5354	
Jun 01 2008	31"	17mmT4	PB,VL,R,,LBNUC,FAINT HALO,ARMS SUSP,PAIRS=5353/5354/5355,R=F	
<b>H713-3</b>	<b>NGC 2856</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>CF,CS,LE,BM</b>
Apr 07 2008	31"	17mmT4	PB,PL,OVAL,UB,NND,HISB,PAIR=2854,R=G	
<b>H714-2</b>	<b>NGC 5353</b>	<b>CVn</b>	<b>Galaxy S0 sp</b>	<b>PB,S,R,2ND OF 4</b>
Jan 28 1982	12.5"	16mm	MB,ML,ELONG,BNUC,GBM,NUC DET,PAIR/5350/5354	
Jun 01 2008	31"	17mmT4	VB,VL,ELONG,LBNUC,HISB MIDDLE,MBM,CLOSE PAIR=5354,OTHER NGC'S,R=E	
<b>H714-3</b>	<b>NGC 2854</b>	<b>UMa</b>	<b>Galaxy SB(s)b</b>	<b>CF,CS,VLE,PGLBM</b>
Apr 07 2008	31"	17mmT4	PB,PL,ELONG,UB,NND,HISB,PAIR=2856,R=G	
<b>H715-2</b>	<b>NGC 5354</b>	<b>CVn</b>	<b>Galaxy S0 sp</b>	<b>PF,S,R,3RD OF 4</b>
Jan 28 1982	12.5"	16mm	DIF,PF,PS,DNUC,SBM,PAIR/5350/5353	
Jun 01 2008	31"	17mmT4	VF,VL,ELONG,LBNUC,HISB MIDDLE,MBM,CLOSE PAIR=5353,OTHER NGC'S,R=G	
<b>H716-2</b>	<b>NGC 5371</b>	<b>CVn</b>	<b>Galaxy SBbc</b>	<b>PB,L,R,BMFn</b>
Jan 28 1982	12.5"	16mm	DIF,MB,PL,DNUC,2*'S OFF W SIDE,1*NE,SMALL NUC,SOME KNTY STR SUSP,R,FACE ON	
<b>H716-3</b>	<b>NGC 3922</b>	<b>UMa</b>	<b>Galaxy S0/a</b>	<b>VF,VS</b>
Mar 04 2006	31"	17mmT4	PB,PL,ELONG,LARGE BNUC,HISB,GMBM,* OFF NUC,R=G	
<b>H717-2</b>	<b>NGC 2998</b>	<b>UMa</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,PL,E51,BMN,R</b>
Mar 06 2010	31"	17mmT4	PB,PL,ELONG,UB,NND,HISB,PAIRS=NGC'S,R=G	
Mar 15 1985	12.5"	16mm	NO FIND,CIRCLES GOOD	
<b>H717-3</b>	<b>NGC 4100</b>	<b>UMa</b>	<b>Galaxy (R')SA(rs)bc</b>	<b>PB,VL,VME161,VGVLBM</b>
Apr 26 2006	31"	17mmT4	PB,PL,SBNUC,MHISB,VERY SMALL BRT STELLAR LIKE NUC,UB THROUGHOUT,R=E	
<b>H718-2</b>	<b>NGC 3415</b>	<b>UMa</b>	<b>Galaxy SA0+:</b>	<b>PB,S,VLE,STELL,3S*NR</b>
Mar 15 1985	12.5"	16mm	NO FIND,CIRCLES HOT	
<b>H719-2</b>	<b>NGC 2543</b>	<b>Lyn</b>	<b>Galaxy SB(s)b</b>	<b>F,PL,IR,VGBM,D*NR</b>
Nov 24 2003	31"	17mmT4	MF,ML,R,SMALL FNUC,BAR DET,KNTS DET,DUST SUSP,R=G	
<b>H719-3</b>	<b>NGC 4231</b>	<b>CVn</b>	<b>Galaxy SA0+ pec?</b>	<b>VF,VS,N OF DNEB</b>
Mar 22 2004	12.5"	12mmT4	DIF,VF,MS,PATCH,UB,NND,COMP=4232,PAIRS=4248/M106,R=F	
<b>H720-2</b>	<b>NGC 3202</b>	<b>UMa</b>	<b>Galaxy SB(r)a</b>	<b>CF,S,R,VGBM,1ST OF 3</b>
Jan 29 2014	36"	17mmT4	PB,VL,OVAL,SMALL BNUC,F* OFF EDGE,EXCELLENT TRIO,PAIRS=3205/3207,R=E	
<b>H720-3</b>	<b>NGC 4232</b>	<b>CVn</b>	<b>Galaxy SBb pec:</b>	<b>VF,VS,S OF DNEB</b>
Mar 22 2004	12.5"	12mmT4	DIF,VF,MS,PATCH,UB,NND,COMP=4231,PAIRS=4248/M106,R=F	
<b>H721-2</b>	<b>NGC 3205</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>CF,S,R,VGBM,2ND OF 3</b>
Jan 29 2014	36"	17mmT4	PB,VL,OVAL,LARGE BNUC,F* JUST OFF EDGE,EXCELLENT TRIO,PAIRS=3202/3207,R=E	

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<b>H721-2</b>	<b>NGC 3205</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>CF,S,R,VGBM,2ND OF 3</b>
Jan 29 2014	36"	17mmT4	PB,VL,OVAL,LARGE BNUC,F* JUST OFF EDGE,EXCELLENT TRIO,PAIRS=3202/3207,R=E	
<b>H721-3</b>	<b>NGC 4741</b>	<b>CVn</b>	<b>Galaxy Scd:</b>	<b>VF,S,R,PSBM</b>
Mar 17 2007	31"	17mmT4	MB,MS,OVAL,VERY SFNUC,PAIR=MAC,R=G	
<b>H722-2</b>	<b>NGC 3207</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>CF,S,R,STELLAR,3 OF3</b>
Jan 29 2014	36"	17mmT4	VB,PL,OVAL,BNUC,MBM,EXCELLENT TRIO,PAIRS=3202/3205,R=E	
<b>H724-3</b>	<b>NGC 5087</b>	<b>Vir</b>	<b>Galaxy SA0:</b>	<b>CF,VS,IF</b>
Apr 26 2006	31"	17mmT4	PB,ML,ELONG,OVAL,LARGE BNUC,HISB MIDDLE,R=G	
<b>H725-3</b>	<b>NGC 4242</b>	<b>CVn</b>	<b>Galaxy SAB(s)dm</b>	<b>VF,CL,IR,VGBM,R</b>
Jan 26 1982	12.5"	24mm	VDIF,MF,VL,OVAL,NND,* IN E SIDE APPROX 11MAG,PATCHY	
<b>H726-2</b>	<b>NGC 2532</b>	<b>Lyn</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,PL,R,VGLBM,R,2*NF</b>
Nov 24 2003	31"	17mmT4	MB,PL,R,SMALL FNUC,SPR STR SUSP,PATCHY ARMS DET,R=G	
<b>H727-2</b>	<b>NGC 2649</b>	<b>Lyn</b>	<b>Galaxy SAB(rs)bc:</b>	<b>F,L,R,R</b>
Nov 24 2003	31"	17mmT4	PF,PL,OVAL,PATCH,UB,NND,* IN EDGE,FACE ON,F* OFF EDGE,R=G	
<b>H727-3</b>	<b>NGC 6239</b>	<b>Her</b>	<b>Galaxy SB(s)b pec?</b>	<b>VF,E,BIN,NPSF</b>
Feb 25 1982	12.5"	16mm	EDIF,MF,MS,F*N SEVERAL GAL DIA,SBM,OVAL,NUC SUSP	
Mar 27 1982	12.5"	16mm	VDIF,VF,MS,PATCHY,UB,NND	
<b>H728-2</b>	<b>NGC 3583</b>	<b>UMa</b>	<b>Galaxy SB(s)b</b>	<b>PB,PL,R,VGMBM</b>
Mar 15 1985	12.5"	12mm	PB,MS,R,SBM,MOD HISB,B*S AROUND OBJECT	
<b>H729-2</b>	<b>NGC 3614</b>	<b>UMa</b>	<b>Galaxy SAB(r)c</b>	<b>F,PL,LE90,GLBM,R</b>
Mar 15 1985	12.5"	16mm	DIF,PF,PL,OVAL-PATCHY,B* TO N,TRI F*S SURROUNDS OBJECT	
<b>H730-2</b>	<b>NGC 3726</b>	<b>UMa</b>	<b>Galaxy SAB(r)c</b>	<b>PB,VL,LE0,VSMBM,*11N</b>
Mar 15 1985	12.5"	16mm	DIF,MF,VL,F* ON N EDGE,UB,SOME KNTY STR SUSP	
Oct 22 1982	12.5"	24mm	MB,PL,UB,OBLONG,F* IN N TIP,NND	
<b>H730-3</b>	<b>NGC 6186</b>	<b>Her</b>	<b>Galaxy (R')SB(s)a</b>	<b>EF,VS,E</b>
Mar 27 1982	12.5"	16mm	VDIF,EF,MS,ELONG,F*S SEVERAL GAL DIA,SLIGHTLY ELONG,NND,UB	
<b>H731-2</b>	<b>NGC 3769</b>	<b>UMa</b>	<b>Galaxy SB(r)b:</b>	<b>PB,S,PME</b>
Apr 09 2008	31"	17mmT4	VB,VL,ELONG,EDGE ON,UB,NND,MOD HISB,INTERACT=3769A,TIPS TOUCHING,R=E	
Mar 15 1985	12.5"	16mm	PF,MS,ELONG,UB	
<b>H732-2</b>	<b>NGC 3782</b>	<b>UMa</b>	<b>Galaxy SAB(s)cd:</b>	<b>F,S,ATT TO*15,*INV</b>
Mar 15 1985	12.5"	16mm	EDIF,VF,VS,EMBEDDED IN 2F*S,UB,PATCHY,CAN BARELY DET GLOW BETWEEN *S	
<b>H733-2</b>	<b>NGC 4013</b>	<b>UMa</b>	<b>Galaxy Sb sp</b>	<b>B,CL,ME62,VSVMBM*10</b>
Apr 26 2006	31"	17mmT4	VB,EL,ELONG,PATCH,VB* CENTER OF NUC,12TH MAG,SS?,LARGE CENTRAL BULGE,SHISB,R=E	
<b>H734-2</b>	<b>NGC 2326</b>	<b>Lyn</b>	<b>Galaxy SB(rs)b</b>	<b>VF,PL,IR,PSMBM,ST P</b>
Feb 17 2004	31"	17mmT4	PF,PL,OVAL,LARGE FNUC,SLIGHTLY BM,PAIR=2326A,R=F	
<b>H735-2</b>	<b>NGC 2329</b>	<b>Lyn</b>	<b>Galaxy S0-:</b>	<b>VF,VS,STELLAR</b>
Dec 07 2005	31"	17mmT4	PB,PL,R,LARGE BNUC,MOD HISB MIDDLE,ABELL 569,R=G	
<b>H735-3</b>	<b>NGC 6241</b>	<b>Her</b>	<b>Galaxy Sc</b>	<b>EF,PS</b>
Mar 27 1982	12.5"	16mm	EDIF,EF,VS,NND,OVAL-PATCHY,UB	
<b>H736-2</b>	<b>NGC 2340</b>	<b>Lyn</b>	<b>Galaxy E</b>	<b>PF,S,R,GLBM,R</b>
Feb 01 2005	31"	17mmT4	MF,ML,ELONG,LARGE FNUC,MOD HISB MIDDLE,NGC2340 CLUSTER,R=G	
Jan 30 2005	31"	17mmT4	MB,VL,ELONG,PATCH,UB,NND,NGC2340 CLUSTER,R=G	
<b>H736-3</b>	<b>NGC 5878</b>	<b>Lib</b>	<b>Galaxy SA(s)b</b>	<b>PB,PL,PME0,PSMBM</b>
May 02 1981	12.5"	16mm	DIF,PF,VL,EDGE ON,FNUC,MOD FAINT HALO	
<b>H737-3</b>	<b>NGC 5902</b>	<b>Boo</b>	<b>Galaxy S</b>	<b>VF,VS,STELLAR</b>
Apr 23 2003	12.5"	9mmT6	MF,MS,R,BNUC,MOD HISB,GMBM,R=F	
<b>H738-2</b>	<b>NGC 3893</b>	<b>UMa</b>	<b>Galaxy SAB(rs)c:</b>	<b>B,PL,R,MBM</b>

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<b>H738-2</b>	<b>NGC 3893</b>	<b>UMa</b>	<b>Galaxy SAB(rs)c:</b>	<b>B,PL,R,MBM</b>
Feb 12 1983	12.5" 16mm	MB,PL,BNUC,B* IN W SIDE,SBM,OVAL		
Mar 15 1985	12.5" 16mm	MB,ML,FNUC,R,F* ON EDGE,SBM,HISB		
<b>H738-3</b>	<b>NGC 5989</b>	<b>Dra</b>	<b>Galaxy Scd?</b>	<b>VF,VS</b>
Apr 23 2003	12.5" 9mmT6	DIF,MF,ML,PATCH,NND,SOMEWHAT HISB,R=F		
Jul 09 1983	12.5" 16mm	EDIF,VF,MS,PATCH,NND,SOMEWHAT HISB		
Jun 01 2003	12.5" 9mmT6	SAME		
<b>H739-3</b>	<b>NGC 6015</b>	<b>Dra</b>	<b>Galaxy SA(s)cd</b>	<b>VF,PL,R,VGBM</b>
Jul 09 1983	12.5" 16mm	MB,PL,OVAL,MOD HISB,3F*S OFF TO N,B*NW CLOSE BY,NND		
Jul 11 1980	12.5" 24mm			
Jul 14 1980	12.5" 24mm	LOOKS LIKE A SMALL CLUSTER,APPROX 4 *S?		
Jul 22 1981	12.5" 16mm	DIF,OVAL,F* TO N SIDE,SPR STR SUPS,14MAG *		
Jun 01 2003	12.5" 9mmT6	MB,VL,ELONG,OVAL,NND,SHISB,F*S IN TIP,CIGAR SHAPE,CENTRAL BULGE,R=G		
Jun 20 1980	12.5" 24mm			
<b>H740-3</b>	<b>NGC 6140</b>	<b>Dra</b>	<b>Galaxy SB(s)cd pec</b>	<b>CF,PL,IR</b>
Jul 09 1983	12.5" 16mm	DIF,MF,PL,ELONG,OVAL,NND		
Jun 21 2003	12.5" 9mmT6	MF,VL,OVAL,PATCH,UB,NND,MOD HISB,B* OFF ONE SIDE,R=G		
Jun 22 2003	12.5" 9mmT6	MB,VL,OVAL,UB,NND,R=G		
<b>H741-2</b>	<b>NGC 4047</b>	<b>UMa</b>	<b>Galaxy (R)SA(rs)b:</b>	<b>PB,PS,R</b>
Apr 26 2003	12.5" 9mmT6	MB,ML,OVAL,BNUC,MOD HISB,R=G		
<b>H741-3</b>	<b>NGC 6434</b>	<b>Dra</b>	<b>Galaxy SBbc:</b>	<b>VF,VS,R,STELLAR,*8S</b>
Jun 24 2003	12.5" 9mmT6	MF,MS,ELONG,*NUC,SHISB,B* CLOSE BY,R=F		
<b>H742-2</b>	<b>NGC 4248</b>	<b>CVn</b>	<b>Galaxy I0? sp</b>	<b>VF,S,PME,PSBM</b>
Mar 08 2010	31" 17mmT4	MB,ML,PATCH,UB,NND,IRR IN SHAPE,* IN EDGE,R=G		
Mar 22 2004	12.5" 12mmT4	PF,MS,OVAL,PATCH,UB,NND,F* IN GAL BY NUC,PAIRS=M106/4231/4232,R=F		
<b>H742-3</b>	<b>NGC 6742</b>	<b>Dra</b>	<b>Planetary Neb 2c</b>	<b>VF,STELLAR</b>
Aug 23 2009	31" 12mmT4	MF,MS,R,UB,GREENISH-GREY,NO C*,VF* IN EDGE OF NEB,OIII HELP A LITTLE,UB,R=G		
Mar 26 2006	31" 17mmT4	MB,ML,OVAL,MHISB,2F*S IN NEB,PALE GREENISH,DARK AREA SUSP/WOIII,NEB BRTER,R=E		
<b>H743-3</b>	<b>NGC 6781</b>	<b>Aql</b>	<b>Planetary Neb 3+3</b>	<b>PLN,F,L,R,VSBM DISC</b>
Aug 31 1984	12.5" 12mm	MF,PL,R,PATCHY,RESEMBLES HELIX NEB		
Jul 10 1981	12.5" 12mm	VL,DIF,R,DARK PATCHES SEEN IN CENTRAL AREA,GRAYISH COLOR DIF NEB		
Sep 02 2008	31" 17mmT4	MB,VL,OVAL,NO C*,ONE SIDE BROKEN,OIII HELPS SOMEWHAT,LG CENT DK AREA BK SIDE,R=E		
<b>H744-2</b>	<b>NGC 4617</b>	<b>CVn</b>	<b>Galaxy Sb</b>	<b>PF,S,IR,ER</b>
Mar 04 2006	31" 17mmT4	MB,MS,EDGE ON,UB,NND,MOD HISB,CIGAR SHAPE,* OFF NUC,R=G		
<b>H744-3</b>	<b>NGC 6814</b>	<b>Aql</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,PL,R,BM,R</b>
Aug 31 1984	12.5" 16mm	VDIF,PF,MS,SAME		
Jul 10 1981	12.5" 12mm	DIF,NO STR DET,F* ON W EDGE		
Jul 30 2002	12.5" 12mm	PF,PS,FACE ON,3 F*S AROUND OBJECT,SOME SPR STR SUSP,BM		
<b>H745-2</b>	<b>NGC 3320</b>	<b>UMa</b>	<b>Galaxy Scd:</b>	<b>F,PS,ME,*10NF</b>
Mar 15 1985	12.5" 12mm	EDIF,VF,VS,ELONG,PATCHY,NND,VF* IN S TIP,ELONG N TO S,B* TO N SEVERAL GAL DIA,SN		
<b>H745-3</b>	<b>NGC 7423</b>	<b>Cep</b>	<b>Open Cluster 15.0 II 2 m</b>	<b>VF,PL,IF,ER</b>
Jun 20 2004	31" 17mmT4	MF,PL,APPROX 50 *S SAME MAGNITUDE,SOME B*S FOREGROUND,R=G		
<b>H746-2</b>	<b>NGC 5018</b>	<b>Vir</b>	<b>Galaxy E3:</b>	<b>CB,S,R,MBMPBN</b>
Mar 22 2004	12.5" 12mmT4	PB,ML,OVAL,LARGE BNUC,SHISB,HISB MIDDLE,GMBM,PAIR=5022,R=G		
<b>H746-3</b>	<b>NGC 2347</b>	<b>Cam</b>	<b>Galaxy (R')SA(r)b:</b>	<b>VF,S,R,LBM</b>
Feb 01 2005	31" 17mmT4	PB,VL,OVAL,LARGE FNUC,SOFT GLOW,R=G		
Sep 18 1980	12.5" 24mm			

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<b>H746-3</b>	<b>NGC 2347</b>	<b>Cam</b>	<b>Galaxy (R')SA(r)b:</b>	<b>VF,S,R,LBM</b>
Sep 18 1980	12.5"	24mm		
<b>H747-2</b>	<b>NGC 4144</b>	<b>UMa</b>	<b>Galaxy SAB(s)cd? sp</b>	<b>PF,CL,VME109,VGBM</b>
Mar 22 2004	12.5"	12mmT4	MF,PL,EDGE ON,SHISB,SB TOWARDS BAR,CENTRAL BULDGE,R=E	
<b>H747-3</b>	<b>NGC 1961</b>	<b>Cam</b>	<b>Galaxy SAB(rs)c</b>	<b>CF,PL,IF,MBM,ER,*INV</b>
Dec 21 1981	12.5"	16mm	DIF,VF,PS,PATCHY,SBM,F* JUST BESIDE NUC,LINE OF 2F*S TO S	
Jan 30 2003	12.5"	9mmT6	MF,VL,OVAL,PATCH,UB,SHISB,F* IN GAL,CLUSTER 1 OF 8,R=G	
Oct 03 1981	12.5"	16mm	MF,PL,F*E SIDE,NNS,PATCHY,SLIGHTLY OVAL,F* S PART OF GAL	
Sep 18 1980	12.5"	24mm		
<b>H748-2</b>	<b>NGC 4217</b>	<b>CVn</b>	<b>Galaxy Sb sp</b>	<b>PF,L,ME45,**N,P OF 2</b>
Jan 26 1982	12.5"	16mm	VDIF,MF,MS,EDGE ON,HISB,3*S IN PLANE OF GAL,SEEMS TO BE A HOOK IN S ARM	
Mar 27 1981	12.5"	24mm		
<b>H748-3</b>	<b>NGC 2366</b>	<b>Cam</b>	<b>Galaxy Irr</b>	<b>VF,PL,MBM,CVEDTAILS</b>
Dec 21 1981	12.5"	24mm	EDIF,EF,ML,ELONG,SMALL BNUC	
Feb 01 2005	31"	17mmT4	MF,EL,SMALL BNUC,IRR,FARM'S OFF ONE SIDE,2 NUC DET,SMALL B,SMALL F,COMP=2363,R=F	
Sep 18 1980	12.5"	24mm		
<b>H749-2</b>	<b>NGC 4389</b>	<b>CVn</b>	<b>Galaxy SB(rs)bc pec:</b>	<b>PB,PL,IE,VGLBM</b>
Jan 26 1982	12.5"	16mm	DIF,F*SE,MOD HISB,OVAL,MF,PS,ELONG,NND	
<b>H749-3</b>	<b>NGC 2810</b>	<b>UMa</b>	<b>Galaxy E</b>	<b>F,CS,BM</b>
Apr 14 2004	31"	17mmT4	MB,ML,R,LARG BNUC,HISB MIDDLE,R=G	
<b>H750-3</b>	<b>NGC 2493</b>	<b>Lyn</b>	<b>Galaxy SB0</b>	<b>CB,S,R,SBM</b>
Feb 17 2004	31"	17mmT4	PB,PL,OVAL,LARGE BNUC,HISB MIDDLE,PAIRS=2495/PGC22463.R=E	
Jan 08 2003	12.5"	9mmT6	MB,ML,FNUC,R,GSBM,F* OFF ONE SIDE	
<b>H751-3</b>	<b>NGC 2965</b>	<b>LMi</b>	<b>Galaxy S0</b>	<b>EF,VS,R,BM,R</b>
Dec 20 2003	31"	17mmT4	MF,MS,OVAL,LARGE BNUC,SHISB,R=G	
<b>H752-3</b>	<b>NGC 2529</b>	<b>Cnc</b>	<b>Galaxy SB(s)d</b>	<b>EF,(SUSPECTED)</b>
Mar 17 2010	31"	17mmT4	MF,ML,OVAL,FNUC,PATCHY AREAS,R=F	
<b>H753-2</b>	<b>NGC 6181</b>	<b>Her</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,PL,VLE,PGMBM</b>
Feb 27 1982	12.5"	16mm	DIF,MF,PS,F*S CLOSE,MOD HISB	
Jul 05 1980	12.5"	24mm		
Jul 14 1980	12.5"	24mm		
<b>H754-2</b>	<b>NGC 5582</b>	<b>Boo</b>	<b>Galaxy E</b>	<b>PB,PS,R,BMFn,*SP</b>
Mar 29 2006	31"	17mmT4	PB,PL,R,LARGE BNUC,HISB MIDDLE,GMBM,R=G	
<b>H755-2</b>	<b>NGC 5875</b>	<b>Boo</b>	<b>Galaxy SAb:</b>	<b>PB,PL,LE</b>
Apr 23 2003	12.5"	9mmT6	ELONG,PATCH,UB,NND,R=G	
<b>H756-2</b>	<b>NGC 5820</b>	<b>Boo</b>	<b>Galaxy S0 sp</b>	<b>B,E90,SBM,B D*F8'</b>
Jun 21 2003	12.5"	9mmT6	PB,ML,OVAL,BNUC,MOD HISB,LARGE BRT NUC AREA,B** IN FOV,R=G	
May 06 1981	12.5"	24mm	DIF,VF,VS,FAINT HALO,JUST W OF A NICE DOUBLE *	
<b>H757-2</b>	<b>NGC 5879</b>	<b>Dra</b>	<b>Galaxy SA(rs)bc:?</b>	<b>CB,S,E,MBMRN,R</b>
Apr 23 2003	12.5"	9mmT6	ELONG,OVAL,BNUC,MOD HISB,LARGE NUC AREA,HISB MIDDLE,R=G	
Jul 09 1983	12.5"	16mm	MB,ML,ELONG,BNUC,SBM,NO *S,LARGE NUC AREA	
Jul 22 1981	12.5"	16mm	DIF,MF,ML,ELONG TO EDGE ON,GBM,FAINT HALO	
<b>H758-2</b>	<b>NGC 5905</b>	<b>Dra</b>	<b>Galaxy SB(r)b</b>	<b>PF,PS,IR</b>
Apr 23 2003	12.5"	9mmT6	PB,PL,FNUC,MOD HISB,PATCH AREA DET,PAIR=5908,R=G	
Jul 09 1983	12.5"	16mm	DIF,MF,PS,EDGE ON,BNUC,PAIR/5907,BM,TAPPERED ENDS,2F*S AROUND GAL	
Jul 22 1981	12.5"	16mm	PF,MS,EDGE ON,FAINT HALO,PAIR/5908	
Jun 20 1980	12.5"	24mm		

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<b>H758-2</b>	<b>NGC 5905</b>	<b>Dra</b>	<b>Galaxy SB(r)b</b>	<b>PF,PS,IR</b>
Jun 20 1980	12.5" 24mm			
<b>H759-2</b>	<b>NGC 5907</b>	<b>Dra</b>	<b>Galaxy SA(s)c: sp</b>	<b>CB,VL,VME155,VGPSBMN</b>
Apr 23 2003	12.5" 9mmT6		VF,VL,EDGE ON,BNUC,MOD HISB,BEAUTIFUL,DUST LANE,CENTRAL BULGE,R=E	
Jul 09 1983	12.5" 16mm		MB,PS,ELONG,VERY EDGE ON,FNUC,PAIR/5905	
Jul 11 1980	12.5" 24mm			
Jul 14 1980	12.5" 24mm			
Jul 22 1981	12.5" 16mm		EXT EDGE ON,UB,EQ DUST LANE SEEN	
Jun 20 1980	12.5" 24mm		VERY IMPRESSIVE,VB,ELONG	
Mar 27 1981	12.5" 24mm			
<b>H760-2</b>	<b>NGC 5908</b>	<b>Dra</b>	<b>Galaxy SA(s)b: sp</b>	<b>PF,PS,R</b>
Apr 23 2003	12.5" 9mmT6		PB,PL,EDGE ON,FNUC,SOMEWHAT HISB,LARGE NUC AREA,DARK LANE SUSP,PAIR=5905,R=G	
Jul 09 1983	12.5" 16mm		MB,PL,ELONG,EGDE ON,BNUC,DUST LANES SUSP,TAPPERED ENDS	
Jul 22 1981	12.5" 16mm		SOMEWHAT BRT THAN COMP 5905,EDGE ON,DNUC,FAINT HALO	
Jun 20 1980	12.5" 24mm			
<b>H761-2</b>	<b>NGC 5963</b>	<b>Dra</b>	<b>Galaxy S pec</b>	<b>PF,PS,IF</b>
Apr 23 2003	12.5" 9mmT6		PB,PL,OVAL,PATCH,UB,MOD HISB,PAIR=5965,R=G	
Jul 09 1983	12.5" 16mm		MB,PS,BNUC,F* CLOSE BY,R,SBM,PAIR/5965	
<b>H762-2</b>	<b>NGC 5965</b>	<b>Dra</b>	<b>Galaxy Sb</b>	<b>CF,CL,LE</b>
Apr 23 2003	12.5" 9mmT6		PB,PL,ELONG,PATCH,UB,NND,SOMEWHAT HISB,PAIR=5963,R=G	
Jul 09 1983	12.5" 12mm		MOD HISB IN MIDDLE	
Jul 09 1983	12.5" 16mm		MF,PL,EDGE ON,FNUC,SBM,TAPPERED ENDS,PAIR/5963	
<b>H763-2</b>	<b>NGC 5894</b>	<b>Dra</b>	<b>Galaxy SBdm?</b>	<b>PF,PS,E0</b>
Apr 23 2003	12.5" 9mmT6		PB,PL,ELONG,EDGE ON,UB,NND,SOME DUST SUSP,R=G	
Jul 09 1983	12.5" 16mm		EDIF,VF,MS,EDGE ON,SBM,TAPPERED	
<b>H764-2</b>	<b>NGC 5982</b>	<b>Dra</b>	<b>Galaxy E3</b>	<b>CB,S,R,PSBM,R</b>
Apr 23 2003	12.5" 9mmT6		VF,ML,BNUC,R,MOD HISB,GMBM,LARGE NUC,PAIR=5981/5985,R=G	
Jul 09 1983	12.5" 16mm		MB,ML,BNUC,R,BM,SEVERAL OTHER PAIRS	
Jul 11 1980	12.5" 24mm			
Jul 14 1980	12.5" 24mm			
Jul 22 1981	12.5" 24mm		VMBM,FAINT HALO,COMP CLOSE 5985	
Jun 20 1980	12.5" 24mm			
<b>H764-3</b>	<b>NGC 4462</b>	<b>Crv</b>	<b>Galaxy SB(r)ab</b>	<b>PB,PS,E130,SBM</b>
May 03 1981	12.5" 16mm		DIF,VF,PS,FAINT HALO	
<b>H765-2</b>	<b>NGC 5987</b>	<b>Dra</b>	<b>Galaxy Sb</b>	<b>PF,CS</b>
Apr 23 2003	12.5" 9mmT6		PB,MS,R,BNUC,MOD HISB,B* CLOSE BY,LARGE NUC,GMBM,R=G	
Jul 09 1983	12.5" 16mm		MB,PS,ELONG,B*W SIDE,MOD HISB,SBM,OTHER PAIRS PRESENT	
<b>H766-2</b>	<b>NGC 5985</b>	<b>Dra</b>	<b>Galaxy SAB(r)b</b>	<b>PB,CL,IE,R</b>
Apr 23 2003	12.5" 9mmT6		MB,VL,OVAL,PATCH,UB,NND,PATCHY KNTS SUSP,PAIR=5981/5982,R=G	
Jul 09 1983	12.5" 12mm		STELL NUC OR *,OTHERS PRESENT	
Jul 09 1983	12.5" 16mm		MF,PL,ELONG,UB,SPR STR SUSP,OTHER COMP	
Jul 11 1980	12.5" 24mm			
Jul 14 1980	12.5" 24mm			
Jul 22 1981	12.5" 16mm		DIF,R,SPR STR SUSP,OTHER GAL PRESENT	
Jun 20 1980	12.5" 24mm			
<b>H767-2</b>	<b>NGC 6340</b>	<b>Dra</b>	<b>Galaxy SA(s)0/a</b>	<b>CF,PL,R,VGMBM</b>
Jul 22 1981	12.5" 16mm		ALMOST STELL NUC,DIF HALO,F* SUSP N SIDE	

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<b>H767-2</b>	<b>NGC 6340</b>	<b>Dra</b>	<b>Galaxy SA(s)0/a</b>	<b>CF,PL,R,VGMBM</b>
Jul 22 1981	12.5"	16mm	ALMOST STELL NUC,DIF HALO,F* SUSP N SIDE	
Jun 22 2003	12.5"	9mmT6	PB,PL,R,BNUC,MOD HISB,SMALL BRT NUC,FACE ON,SPR STR SUSP,PAIR=IC1251/IC1254,R=G	
<b>H767-3</b>	<b>NGC 3298</b>	<b>UMa</b>	<b>Galaxy E/S0</b>	<b>VF,PS,IE</b>
Feb 05 2005	31"	17mmT4	MB,MS,OVAL,LARGE BNUC,SLIGHTLY HISB MIDDLE,R=G	
<b>H768-2</b>	<b>NGC 1569</b>	<b>Cam</b>	<b>Galaxy IBm</b>	<b>PB,S,LE,BNM,*9.5N1'</b>
Jan 30 2003	12.5"	9mmT6	VB,PL,OVAL,BNUC,MOD HISB,TAD POLE SHAPE,F*IN EDGE,DUST LANE SUSP,R=G	
Oct 03 1981	12.5"	16mm	MF,PS,ELONG,SOUTH OF B*,HISB,NND	
Sep 18 1980	12.5"	24mm		
<b>H768-3</b>	<b>NGC 3657</b>	<b>UMa</b>	<b>Galaxy SAB(rs)c pec</b>	<b>CF,VS,R,STELLAR</b>
Apr 03 2005	31"	17mmT4	MF,PS,R,SMALL BNUC,MOD HISB MIDDLE,GMBM,R=G	
<b>H769-2</b>	<b>NGC 2339</b>	<b>Gem</b>	<b>Galaxy SAB(rs)bc</b>	<b>PB,PL,R,GLBM</b>
Feb 21 1984	12.5"	16mm	SAME	
Oct 30 1981	12.5"	12mm	DIF,PF,ML,14* IN GAL E SIDE,MOD HISB,NND	
Oct 31 1980	12.5"	24mm	AMONG FIELD OF RICH *S,UB	
<b>H769-3</b>	<b>NGC 3931</b>	<b>UMa</b>	<b>Galaxy SA0-</b>	<b>EF,S</b>
Mar 04 2006	31"	17mmT4	PB,PL,R,LARGE FNUC,SMBM,MOD HISB MIDDLE,PAIR=MAC,R=G	
<b>H770-2</b>	<b>NGC 3687</b>	<b>UMa</b>	<b>Galaxy (R')SAB(r)bc?</b>	<b>PB,PS,R,LBM,R</b>
Mar 15 1985	12.5"	16mm	DIF,PF,PS,OVAL,PATCH,NND	
<b>H770-3</b>	<b>NGC 3594</b>	<b>UMa</b>	<b>Galaxy SB0:</b>	<b>VF,VS,STELLAR</b>
Apr 03 2005	31"	17mmT4	PF,ML,OVAL,LARGE FNUC,SOMEWHAT BM,PAIR=PGC34356,R=G	
<b>H771-2</b>	<b>NGC 4504</b>	<b>Vir</b>	<b>Galaxy SA(s)cd</b>	<b>PB,CL,IE,GVLBM,ER</b>
May 01 1981	12.5"	24mm	DIF,PF,PL,FARM	
<b>H771-3</b>	<b>NGC 3733</b>	<b>UMa</b>	<b>Galaxy SAB(s)cd:</b>	<b>EF,S,IR,*6MSF</b>
Apr 04 2005	31"	17mmT4	PF,VL,OVAL,PATCH,UB,NND,B* IN FOV CLOSE BY,SEVERAL OTHERS PRESENT,R=F	
<b>H772-3</b>	<b>NGC 3737</b>	<b>UMa</b>	<b>Galaxy SB0</b>	<b>VF,STELLAR</b>
Apr 04 2005	31"	17mmT4	PB,MS,ELONG,SMALL BNUC,PAIRS=PGC35811/MAC'S,R=G	
<b>H774-2</b>	<b>NGC 4671</b>	<b>Vir</b>	<b>Galaxy E+ pec:</b>	<b>PF,S,R,PSMBM</b>
Mar 27 1982	12.5"	12mm	DIF,VF,VS,FNUC,FORMS TRI OF F*S,R,SBM	
<b>H774-3</b>	<b>NGC 3824</b>	<b>UMa</b>	<b>Galaxy SA(s)a? sp</b>	<b>VF,CS,PME</b>
Dec 07 2005	31"	17mmT4	PB,ML,ELONG,LARGE BNUC,HISB MIDDLE,BM,R=G	
<b>H775-2</b>	<b>NGC 3652</b>	<b>UMa</b>	<b>Galaxy Scd?</b>	<b>PF,CL,LE,VGBM</b>
Apr 26 2006	31"	17mmT4	MF,PL,OVAL,LARGE FNUC,MOD HISB MIDDLE,SOME PATCHY AREAS DET,PAIR=MAC,R=G	
<b>H775-3</b>	<b>NGC 3829</b>	<b>UMa</b>	<b>Galaxy SB(s)b:</b>	<b>VF,VS</b>
Dec 07 2005	31"	17mmT4	PF,MS,R,PATCH,UB,NND,R=P	
<b>H776-2</b>	<b>NGC 4487</b>	<b>Vir</b>	<b>Galaxy SAB(rs)cd</b>	<b>F,VL,ER</b>
May 01 1981	12.5"	24mm	DIF,EF,PL,FARM	
<b>H776-3</b>	<b>NGC 3850</b>	<b>UMa</b>	<b>Galaxy SB(s)c:</b>	<b>EF,PL,LE</b>
Feb 23 2006	31"	17mmT4	MB,VL,OVAL,PATCH,UB,NND,SOMEWHAT HISB,PAIR=MAC,R=G	
<b>H777-3</b>	<b>NGC 4181</b>	<b>CVn</b>	<b>Galaxy E</b>	<b>EF,S,STELLAR</b>
Apr 23 2003	12.5"	9mmT6	PF,MS,PATCH,NND,CLOSE TO *,R=F	
<b>H778-3</b>	<b>NGC 4675</b>	<b>UMa</b>	<b>Galaxy SBb:</b>	<b>CF,S,LE</b>
Mar 26 2006	31"	17mmT4	MF,MS,ELONG,UB,NND,SHISB,PAIR=PGC43028,R=F	
<b>H779-3</b>	<b>NGC 4964</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>EF,S,LE</b>
Apr 14 2004	31"	17mmT4	MF,MS,PATCH,UB,NND,SHISB,F* ON EDGE,R=F	
<b>H780-3</b>	<b>NGC 4977</b>	<b>UMa</b>	<b>Galaxy SA(r)b</b>	<b>CF,S</b>
Apr 14 2004	31"	17mmT4	MF,PS,OVAL,LARGE FNUC,R=F	

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<b>H780-3</b>	<b>NGC 4977</b>	<b>UMa</b>	<b>Galaxy SA(r)b</b>	<b>CF,S</b>
Apr 14 2004	31"	17mmT4	MF,PS,OVAL,LARGE FNUC,R=F	
<b>H781-2</b>	<b>NGC 4068</b>	<b>UMa</b>	<b>Galaxy IAm</b>	<b>PF,S,STELLAR</b>
Mar 06 2003	12.5"	9mmT6	DIF,MF,VL,OVAL,R,NND,BRT * IN CENTER,F* OFF ONE SIDE,FACE ON,SPR STR SUSP,R=G	
<b>H781-3</b>	<b>NGC 4973</b>	<b>UMa</b>	<b>Galaxy E/S0</b>	<b>VF,S</b>
Apr 14 2004	31"	17mmT4	MF,MS,OVAL,R,SMALL BNUC,BM,PAIRS/MANY,R=F	
<b>H782-2</b>	<b>NGC 3656</b>	<b>UMa</b>	<b>Galaxy (R')I0: pec</b>	<b>PB,S,R,VGBM,*12P</b>
Apr 03 2005	31"	17mmT4	PB,ML,R,UB,NND,MOD HISB,CLOSE COMP=PGC34985,PAIRS=PGC'S/MAC,R=G	
<b>H782-3</b>	<b>NGC 4974</b>	<b>UMa</b>	<b>Galaxy E/S0</b>	<b>VF,S</b>
Apr 14 2004	31"	17mmT4	MF,MS,OVAL,R,SMALL BNUC,BM,PAIRS=4973 GROUP,R=F	
<b>H783-2</b>	<b>NGC 3738</b>	<b>UMa</b>	<b>Galaxy Im</b>	<b>PB,PL,BM</b>
Mar 15 1985	12.5"	16mm	PF,PL,OVAL,MOD HISB,UB,PAIR/3756	
<b>H783-3</b>	<b>NGC 4967</b>	<b>UMa</b>	<b>Galaxy E</b>	<b>VF,S,E,*ATT</b>
Apr 14 2004	31"	17mmT4	MF,PS,OVAL,SMALL FNUC,R=F	
<b>H784-2</b>	<b>NGC 3756</b>	<b>UMa</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,L,LE</b>
Mar 15 1985	12.5"	16mm	PF,PL,OVAL,MOD HISB,UB,PAIR/3738	
<b>H784-3</b>	<b>NGC 5164</b>	<b>UMa</b>	<b>Galaxy SBb</b>	<b>CF,S,IR</b>
Apr 03 2005	31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,PAIR=MAC,R=F	
<b>H785-2</b>	<b>NGC 3888</b>	<b>UMa</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,S,LE,PGBM</b>
Feb 23 2006	31"	17mmT4	VF,PL,OVAL,SMALL BNUC,HISB,PAIRS=3889/PGC/MAC,R=G	
Mar 15 1985	12.5"	16mm	MB,MS,OVAL,UB,NND,MOD HISB,PAIR/3898	
<b>H785-3</b>	<b>NGC 5294</b>	<b>UMa</b>	<b>Galaxy</b>	<b>EF,2ST ATT OR INV</b>
Apr 03 2005	31"	17mmT4	PF,VS,R,UB,NND,F* OFF EDGE,R=F	
<b>H786-2</b>	<b>NGC 3913</b>	<b>UMa</b>	<b>Galaxy (R')SA(rs)d:</b>	<b>F,E</b>
Feb 23 2006	31"	17mmT4	MF,ML,OVAL,LARGE FNUC,PATCHY,R=F	
<b>H786-3</b>	<b>NGC 5368</b>	<b>UMa</b>	<b>Galaxy (R')SABab:</b>	<b>F,CS,R,STELL,*16NF</b>
May 16 2004	31"	17mmT4	MB,MS,OVAL,LARGE BNUC,HISB MIDDLE,GMBM,PAIR=MAC,R=G	
<b>H787-2</b>	<b>NGC 3916</b>	<b>UMa</b>	<b>Galaxy SAb: sp</b>	<b>EF,R,GBM</b>
Feb 23 2006	31"	17mmT4	PF,MS,ELONG TO EDGE ON,PATCH,UB,NND,SOMEWHAT HISB,PAIRS=3921/PGC37013,R=F	
<b>H787-3</b>	<b>NGC 5447</b>	<b>UMa</b>	<b>Knot in Galaxy</b>	<b>PB,S,R,GMBM,CONNM101</b>
Mar 08 2010	31"	17mmT4	MF,MS,PATCH,2 PARTS ONE WITH VF* IN IT,KNOT IN GAL,SQUARE IN SHAPE,PAIRS=NGC'S,R=F	
Nov 24 2006	12.5"	12mmT4	PF,PS,PATCH,UB,VF* ON SIDE/EDGE,KNOT IN M101,R=F	
<b>H788-2</b>	<b>NGC 3921</b>	<b>UMa</b>	<b>Galaxy (R')SA(s)0/a p</b>	<b>PF,S,R,PSPMBM</b>
Feb 23 2006	31"	17mmT4	PB,PL,OVAL,LARGE BNUC,MOD HISB,SMBM,HISB MIDDLE,PAIRS=3916,PGC37013,R=G	
<b>H788-3</b>	<b>NGC 5461</b>	<b>UMa</b>	<b>Knot in Galaxy</b>	<b>B,PS,R,PSBM,CONNM101</b>
Mar 08 2010	31"	17mmT4	MB,PS,BNUC,BRT AREA WITH ELONG ENDS,KNOT IN GAL,PAIRS=NGC'S,R=F	
Nov 24 2006	12.5"	12mmT4	VF,VS,PATCH,KNOT IN M101,R=F	
<b>H789-2</b>	<b>NGC 3972</b>	<b>UMa</b>	<b>Galaxy SA(s)bc</b>	<b>PB,E</b>
Feb 12 1983	12.5"	16mm	VDIF,VF,ML,EDGE ON,UB,TAPPERED ENDS,NND,PAIR/3977	
<b>H789-3</b>	<b>NGC 5462</b>	<b>UMa</b>	<b>Knot in Galaxy</b>	<b>PB,PL,IR,GBM,CONNM101</b>
Mar 08 2010	31"	17mmT4	MB,MS,ELONG,UB,KNOT IN GAL,RECTANGLAR SHAPE,UB PATCH,PAIRS=NGC'S,R=F	
Nov 24 2006	12.5"	12mmT4	VF,VS,PATCH,UB,AV FIRST THEN HOLDS,KNOT IN M101,R=F	
<b>H790-2</b>	<b>NGC 3977</b>	<b>UMa</b>	<b>Galaxy Sab</b>	<b>F,S</b>
Feb 12 1983	12.5"	16mm	MB,ML,BNUC,F*N SIDE,OVAL,F*E EDGE,KNTS SUSP,ARMS SHOW GOOD,PAIR/3972	
Mar 02 1984	10"	20mm	MB,VL,FACE ON,SMALL NUC,F* SUSP CLOSE TO NUC,SBM,SOME SPR STR SUSP	
<b>H790-3</b>	<b>NGC 5477</b>	<b>UMa</b>	<b>Galaxy SA(s)m</b>	<b>VF,PL</b>
Mar 06 2003	12.5"	9mmT6	EDIF,EF,MS,PATCH,SUSP ONLY,LOCATION,GOOD,PAIR/5451,R=P	



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<b>H790-3</b>	<b>NGC 5477</b>	<b>UMa</b>	<b>Galaxy SA(s)m</b>	<b>VF,PL</b>
Mar 06 2003	12.5" 9mmT6	EDIF,EF,MS,PATCH,SUSP ONLY,LOCATION,GOOD,PAIR/5451,R=P		
May 16 2004	31" 17mmT4	DIF,PF,VL,OVAL,UB,NND, 2VF*S IN GAL,R=F		
Nov 24 2006	12.5" 12mmT4	VF,MS,OVAL,PATCH,UB,CLOSE TO M101,R=P		
<b>H791-2</b>	<b>NGC 3990</b>	<b>UMa</b>	<b>Galaxy S0-: sp</b>	<b>PF,S,LE,PSLBM</b>
Mar 15 1985	12.5" 12mm	CLOSE COMP TO 3998		
<b>H791-3</b>	<b>NGC 5484</b>	<b>UMa</b>	<b>Galaxy E2</b>	<b>VF,S,R,4'FROM 5485</b>
Mar 06 2003	12.5" 9mmT6	AV,SUSP ONLY,LOCATION GOOD,PAIR/5486/5485,R=P		
<b>H792-2</b>	<b>NGC 4172</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>F,S,LE,GBM</b>
Apr 23 2003	12.5" 9mmT6	DIF,PF,ML,OVAL,PATCH,FNUC,R=F		
<b>H792-3</b>	<b>NGC 3398</b>	<b>UMa</b>	<b>Galaxy Sa?</b>	<b>VF,S,E,ER</b>
Feb 05 2005	31" 17mmT4	MF,MS,OVAL,LARGE FNUC,PAIRS=IC644/OTHERS,R=F		
<b>H793-2</b>	<b>NGC 4198</b>	<b>UMa</b>	<b>Galaxy S0/a</b>	<b>PF,PS,LE,GBM</b>
Apr 23 2003	12.5" 9mmT6	MB,MS,OVAL,R,PATCH,FNUC,BETWEEN 2*S,R=F		
<b>H793-3</b>	<b>NGC 3499</b>	<b>UMa</b>	<b>Galaxy I0?</b>	<b>VF,VS,STELLAR</b>
Apr 03 2005	31" 17mmT4	MB,PS,R,SMALL BNUC,MOD HISB MIDDLE,R=G		
<b>H794-2</b>	<b>NGC 4644</b>	<b>UMa</b>	<b>Galaxy SBb:</b>	<b>VF,S,R,GBM</b>
Mar 26 2006	31" 17mmT4	MF,MS,ELONG,LFNUC,SOMEWHAT HISB MIDDLE,CLOSE COMP=PGC42725,R=F		
<b>H794-2</b>	<b>NGC 4646</b>	<b>UMa</b>	<b>Galaxy S0?</b>	<b>F,S,4VS*SP</b>
Mar 26 2006	31" 17mmT4	MB,MS,OVAL,LBNUC,* OFF EDGE,GMBM,HISB MIDDLE,PAIR=MAC,R=G		
<b>H794-3</b>	<b>NGC 4054</b>	<b>UMa</b>	<b>Galaxy S</b>	<b>EF,S</b>
Mar 06 2003	12.5" 9mmT6	EDIF,EF,VS,PATCH,AV,COMES AND GOES THEN HOLDS,R=P		
<b>H795-2</b>	<b>NGC 4686</b>	<b>UMa</b>	<b>Galaxy Sa</b>	<b>PF,VS,VME,VSMBM</b>
Mar 26 2006	31" 17mmT4	MB,ML,ELONG,LBNUC,FAINT HALO,ARMS,HISB MIDDLE,GMBM,BM,R=G		
<b>H795-3</b>	<b>NGC 4141</b>	<b>UMa</b>	<b>Galaxy SBcd:</b>	<b>VF,PS,LE,GBM,R</b>
Mar 06 2003	12.5" 9mmT6	EDIF,EF,ES,PATCH,AV,R=P		
<b>H796-2</b>	<b>NGC 4695</b>	<b>UMa</b>	<b>Galaxy S</b>	<b>EF,PS,VLE,MBMN</b>
Mar 26 2006	31" 17mmT4	MF,MS,ELONG,PATCH,UB,NND,VF* IN TIP,CLOSE COMP NOT DET,R=F		
<b>H796-3</b>	<b>NGC 4195</b>	<b>UMa</b>	<b>Galaxy SB(s)cd</b>	<b>EF</b>
Apr 23 2003	12.5" 9mmT6	EDIF,EF,ES,PATCH,AV,SUSP,R=P		
<b>H797-2</b>	<b>NGC 5201</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>PF,CS,R,VGLBM</b>
Apr 03 2005	31" 17mmT4	MB,ML,OVAL,SMALL BNUC,KEEP B* OUT OF FOV,R=F		
<b>H797-3</b>	<b>NGC 4199</b>	<b>UMa</b>	<b>Galaxy Sb</b>	<b>VF,S</b>
Apr 23 2003	12.5" 9mmT6	VDIF,VF,MS,PATCH,UB,NND,R=P		
<b>H798-2</b>	<b>NGC 5278</b>	<b>UMa</b>	<b>Galaxy SA(s)b? pec</b>	<b>PF,R,VS NEB40"F,*N</b>
Apr 03 2005	31" 17mmT4	MF,MS,OVAL,UB,NND,CLOSE COMP=5279,PAIRS=PGC'S,R=F		
<b>H798-3</b>	<b>NGC 4284</b>	<b>UMa</b>	<b>Galaxy Sbc</b>	<b>CF,LE,P OF 2</b>
Feb 04 2005	31" 17mmT4	MB,PS,ELONG,VERY SMALL FNUC,* OFF ONE EDGE,R=F,PAIR=4290,R=F		
<b>H799-2</b>	<b>NGC 5443</b>	<b>UMa</b>	<b>Galaxy SB(s)b?</b>	<b>PF,L,E</b>
Mar 06 2003	12.5" 9mmT6	PB,ML,OVAL,PATCH,SOMEWHAT HISB,F* IN EDGE,SBM,R=G		
<b>H799-3</b>	<b>NGC 4358</b>	<b>UMa</b>	<b>Galaxy S0</b>	<b>CF,CS,LE</b>
Feb 04 2005	31" 17mmT4	VF,ES,R,* NUC OR VF* IN GAL,INTERACT=4364,PAIRS=4362/MAC,R=P		
<b>H800-2</b>	<b>NGC 5475</b>	<b>UMa</b>	<b>Galaxy Sa? sp</b>	<b>PB,S,PME,BM</b>
Mar 06 2003	12.5" 9mmT6	MB,PL,ELONG,FNUC,SBM,R=G		
<b>H800-3</b>	<b>NGC 4362</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>VF,CS,R,R</b>
Feb 04 2005	31" 17mmT4	MF,MS,OVAL,SMALL FNUC,GRADUALLY BM,PAIRS=4364/4358,R=F		
<b>H801-2</b>	<b>NGC 5486</b>	<b>UMa</b>	<b>Galaxy SA(s)m:</b>	<b>F,PL</b>
Mar 06 2003	12.5" 9mmT6	VDIF,VF,ML,PATCH,NND,PAIR/5485/5484,R=P		

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<b>H801-2</b>	<b>NGC 5486</b>	<b>UMa</b>	<b>Galaxy SA(s)m:</b>	<b>F,PL</b>
Mar 06 2003	12.5" 9mmT6	VDIF,VF,ML,PATCH,NND,PAIR/5485/5484,R=P		
<b>H801-3</b>	<b>NGC 4364</b>	<b>UMa</b>	<b>Galaxy S0</b>	<b>CF,CS,R</b>
Feb 04 2005	31" 17mmT4	MF,MS,OVAL,LARGE FNUC,SLIGHTLY HISB MIDDLE,INTERACT=4358,PAIR=4362,R=G		
<b>H802-2</b>	<b>NGC 4149</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>F,S,E</b>
Mar 06 2003	12.5" 9mmT6	MF,MS,ELONG,UB,NND,R=F		
<b>H802-3</b>	<b>NGC 4547</b>	<b>UMa</b>	<b>Galaxy E/S0</b>	<b>VF,PS,E,VGBM,*9F,PO2</b>
Mar 26 2006	31" 17mmT4	PF,MS,R,SMALL BNUC,VERY CLOSE COMP=PGC41897,OTHER PAIRS,R=F		
<b>H803-2</b>	<b>NGC 4161</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>F,S,R</b>
Apr 23 2003	12.5" 9mmT6	PB,ML,ELONG,PATCH,SOMEWHAT HISB,B* SURROUNDS OBJECT,GBM,R=G		
<b>H803-3</b>	<b>NGC 5255</b>	<b>UMa</b>	<b>Galaxy Sb</b>	<b>VF,VS</b>
Apr 03 2005	31" 17mmT4	MF,VS,SMALL BNUC,R=G		
<b>H804-2</b>	<b>NGC 4271</b>	<b>UMa</b>	<b>Galaxy S0-:</b>	<b>PB,PL,IF</b>
Feb 04 2005	31" 17mmT4	PB,MS,OVAL,LARGE BNUC,F* OFF ONE SIDE,ANOTHER OFF END,MOD HISB MID,PAIR=MAC,R=G		
<b>H804-3</b>	<b>NGC 5526</b>	<b>UMa</b>	<b>Galaxy Sbc</b>	<b>VF,S,E,R</b>
Mar 06 2003	12.5" 9mmT6	VDIF,VF,PS,ELONG,PATCH,NND,CLOSE COMP NOT DET,R=P		
<b>H805-2</b>	<b>NGC 4290</b>	<b>UMa</b>	<b>Galaxy SB(rs)ab:</b>	<b>PB,L,R,GMBM</b>
Feb 04 2005	31" 17mmT4	PB,ML,OVAL,SMALL BNUC,SHISB,HISB MIDDLE,BM,PAIR=4284,R=G		
<b>H805-3</b>	<b>NGC 5540</b>	<b>UMa</b>	<b>Galaxy</b>	<b>EF,VS,R,STELLAR</b>
Mar 06 2003	12.5" 9mmT6	VDIF,VF,VS,PATCH,UB,R=P		
<b>H806-2</b>	<b>NGC 4335</b>	<b>UMa</b>	<b>Galaxy E</b>	<b>PB,S,E,GBM</b>
Feb 04 2005	31" 17mmT4	MB,PL,OVAL,LARGE BNUC,HISB MIDDLE,GMBM,R=G		
<b>H806-3</b>	<b>NGC 5777</b>	<b>Dra</b>	<b>Galaxy Sb</b>	<b>VF,VS,LE</b>
Apr 14 2004	31" 17mmT4	MF,MS,EDGE ON,LARGE FNUC,CENTRAL BULDGE,DUST SUSP,PAIR=PGC53057,R=F		
<b>H807-2</b>	<b>NGC 5667</b>	<b>Dra</b>	<b>Galaxy Scd: pec</b>	<b>PB,PS,E0</b>
Apr 14 2004	31" 17mmT4	MB,ML,ELONG,SHISB,PATCHY AND DARK AREAS IN CENTRAL REGION DETECTED,R=G		
<b>H807-3</b>	<b>NGC 4549</b>	<b>UMa</b>	<b>Galaxy</b>	<b>EF,PS,E,F OF 2</b>
Mar 26 2006	31" 17mmT4	VF,PS,ELONG,PATCH,UB,NND,OTHER PAIRS,R=P		
<b>H808-2</b>	<b>NGC 5687</b>	<b>Boo</b>	<b>Galaxy S0-?</b>	<b>PF,S,IF,RESOLVA,*10F</b>
Apr 14 2004	31" 17mmT4	MF,MS,ELONG,* BOTH TIPS,LARGE SOFT BNUC,MOD HISB MIDDLE,PAIR=PGC52098,R=F		
May 06 1981	12.5" 24mm	MB,MS,BNUC,DIM HALO,*13 MAG EDGE OF GAL		
<b>H808-3</b>	<b>NGC 5113</b>	<b>UMa</b>	<b>Galaxy Sbc</b>	<b>CF,S,E,(=5109)</b>
Apr 14 2004	31" 17mmT4	VDIF,VF,PS,ELONG,PATCH,UB,NND,PAIR=5109,R=P		
<b>H809-2</b>	<b>NGC 5751</b>	<b>Boo</b>	<b>Galaxy Scd:</b>	<b>F,S,VLE,TRI2*10,11</b>
Apr 14 2004	31" 17mmT4	PF,ML,OVAL,UB,NND,EGG SHAPE,R-F		
<b>H809-3</b>	<b>NGC 5372</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>CF,S,E,(**INV)</b>
May 16 2004	31" 17mmT4	PB,ML,ELONG,LARGE BNUC,HISB MIDDLE,R=G		
<b>H810-3</b>	<b>NGC 5402</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>VF,VS,R</b>
May 16 2004	31" 17mmT4	MF,ML,EDGE ON,NND,F* OFF TIP,SLIGHTLY BRTER ALONG BAR,NO NUC BULGE DET,R=F		
<b>H811-2</b>	<b>NGC 6143</b>	<b>Dra</b>	<b>Galaxy SAB(rs)bc:</b>	<b>PB,IR,VGLBMB</b>
Jun 22 2003	12.5" 9mmT6	PB,ML,PATCH,UB,NND,SHISB,LARGE PATCH,BETWEEN 2F*S,R=G		
<b>H811-3</b>	<b>NGC 5821</b>	<b>Boo</b>	<b>Galaxy S?</b>	<b>VF,S</b>
Jun 21 2003	12.5" 9mmT6	VF,MS,PATCH,UB,NND,GET B* OUT OF FOV,PAIRS/5836/OGC53476,R=F		
<b>H812-2</b>	<b>NGC 6338</b>	<b>Dra</b>	<b>Galaxy S0</b>	<b>F,S,R,VGLBMB</b>
Jun 22 2003	12.5" 9mmT6	MB,ML,OVAL,R,BNUC,SHISB,GMBM,CLOSE COMP=PGC59943,CLUSTER 1 OF 5,R=G		
Mar 04 2006	31" 17mmT4	MB,ML,R,LARGE BNUC,MHISB,PAIRS=6345/OTHERS,R=G		
<b>H812-3</b>	<b>NGC 6088</b>	<b>Dra</b>	<b>Galaxy</b>	<b>VF,VS,LE</b>

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<b>H812-3</b>	<b>NGC 6088</b>	<b>Dra</b>	<b>Galaxy</b>	<b>VF,VS,LE</b>
Mar 04 2006	31"	17mmT4	MF,MS,OVAL,SMALL FNUC,SHISB,CAN SEPERATE FROM PGC'S,PAIRS=PGC'S,R=G	
<b>H813-2</b>	<b>NGC 4187</b>	<b>CVn</b>	<b>Galaxy E</b>	<b>PB,S,LE</b>
Apr 23 2003	12.5"	9mmT6	PF,PS,OVAL,R,PATCH,FNUC,1 OF 4 COMP,R=F	
<b>H813-3</b>	<b>NGC 6182</b>	<b>Dra</b>	<b>Galaxy Sa</b>	<b>VF,VS,IR</b>
Jun 22 2003	12.5"	9mmT6	PB,ML,OVAL,FNUC,SHISB,SMALL FAINT NUC,SBM,CLOSE COMP=PGC58331,R=F	
<b>H814-2</b>	<b>NGC 4732</b>	<b>UMa</b>	<b>Galaxy E</b>	<b>F,S,VSMBM</b>
Mar 26 2006	31"	17mmT4	MB,MS,ELONG,LARGE BNUC,SOMEWHAT HISB MIDDLE,R=G	
<b>H814-3</b>	<b>NGC 4142</b>	<b>UMa</b>	<b>Galaxy SB(s)d:</b>	<b>VF,S,IF,VGLBM,ER</b>
Mar 06 2003	12.5"	9mmT6	VDIF,VF,MS,PATCH,UB,AV,R=P	
<b>H815-2</b>	<b>NGC 4987</b>	<b>CVn</b>	<b>Galaxy E</b>	<b>VF,VS,STELLAR</b>
Apr 14 2004	31"	17mmT4	MF,MS,OVAL,SMALL BNUC,BM,PAIRS=PGC45564/PGC45520,R=F	
<b>H815-3</b>	<b>NGC 4707</b>	<b>CVn</b>	<b>Galaxy Sm:</b>	<b>S,STELLAR</b>
Mar 04 2006	31"	17mmT4	DIF,VF,ML,OVAL,R,VERY SMALL BNUC,BM,STELLAR LIKE NUC,F PATCH AROUND NUC,R=F	
<b>H816-2</b>	<b>NGC 5040</b>	<b>CVn</b>	<b>Galaxy S</b>	<b>F,S,IR,VGMBM</b>
Apr 14 2004	31"	17mmT4	MF,PS,R,SMALL BNUC,PAIR=MAC,R=F	
<b>H816-3</b>	<b>NGC 4801</b>	<b>UMa</b>	<b>Galaxy L</b>	<b>EF,S,LE</b>
Mar 26 2006	31"	17mmT4	MF,PS,OVAL,SMALL BNUC,R=F	
<b>H817-2</b>	<b>NGC 5250</b>	<b>UMa</b>	<b>Galaxy S0</b>	<b>PB,S,R,VGBM</b>
Apr 03 2005	31"	17mmT4	PB,MS,R,SMALL BNUC,SOMEWHAT HISB MIDDLE,R=G	
<b>H817-3</b>	<b>NGC 4834</b>	<b>CVn</b>	<b>Galaxy Sbc</b>	<b>VF,S,IR,BM</b>
Mar 04 2006	31"	17mmT4	MF,MS,OVAL,LARGE NUC,MOD HISB MIDDLE,SMBM,R=F	
Mar 17 2007	31"	17mmT4	MF,MS,OVAL,LARGE FNUC,SOMEWHAT HISB,GMBM,R=F	
<b>H818-2</b>	<b>NGC 5881</b>	<b>Dra</b>	<b>Galaxy SB(s)dm</b>	<b>PF,CS,R,VGBM</b>
Apr 23 2003	12.5"	9mmT6	DIF,VF,VS,PATCH,UB,NND,R=P	
Apr 23 2003	12.5"	9mmT6	PF,PS,PATCH,UB,NND,R=F	
<b>H818-3</b>	<b>NGC 4932</b>	<b>CVn</b>	<b>Galaxy SA(r)c</b>	<b>CF,S,R,VGLBM</b>
Apr 14 2004	31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,SHISB,R=F	
<b>H819-3</b>	<b>NGC 4998</b>	<b>CVn</b>	<b>Galaxy Sc</b>	<b>VF</b>
Apr 14 2004	31"	17mmT4	MF,MS,OVAL,LARGE FNUC,UNKNOWN COMP 3.6' TO S,R=F	
<b>H820-2</b>	<b>NGC 2387</b>	<b>Aur</b>	<b>Galaxy</b>	<b>PB,S,STELLAR</b>
Feb 17 2004	31"	17mmT4	VF,MS,PATCH,NND,R=P	
<b>H820-3</b>	<b>NGC 5009</b>	<b>CVn</b>	<b>Galaxy SBb</b>	<b>VF,R,BET2VS*</b>
Apr 14 2004	31"	17mmT4	MF,PS,OVAL,PATCH,UB,NND,R=F	
<b>H821-2</b>	<b>NGC 2415</b>	<b>Lyn</b>	<b>Galaxy Im?</b>	<b>PB,CS,R,VGVLM,R,</b>
Jan 08 2003	12.5"	9mmT6	PB,ML,BNUC,MOD HISB,ROUND,2F*S BOTH SIDES,GMBM	
Nov 24 2003	31"	17mmT4	VF,PL,OVAL,VERY LARGE BNUC,HISB MIDDLE,FAINTER HALO DET,HISB,R=E	
<b>H821-3</b>	<b>NGC 5163</b>	<b>UMa</b>	<b>Galaxy E</b>	<b>CF,STELLAR</b>
Apr 03 2005	31"	17mmT4	MB,PS,OVAL,R,SMALL BNUC,R=F	
<b>H822-2</b>	<b>NGC 2426</b>	<b>Lyn</b>	<b>Galaxy E</b>	<b>CF,R,VGBM,R,*8P</b>
Feb 01 2005	31"	17mmT4	VB,ML,R,BNUC,HISB,GMB,BRT CORE WELL DEFINED,PAIRS=2429/2429B,R=E	
<b>H822-3</b>	<b>NGC 5225</b>	<b>CVn</b>	<b>Galaxy S?</b>	<b>CF,PS,IR,LBM</b>
Feb 15 2004	31"	17mmT4	MF,MS,OVAL,SMALL BNUC,R=F	
<b>H823-2</b>	<b>NGC 2693</b>	<b>UMa</b>	<b>Galaxy E3:</b>	<b>PB,LE,PSMBM</b>
Dec 03 1980	12.5"	24mm		
Feb 04 2005	31"	17mmT4	VB,PL,LARGE BNUC,MOD HISB,PAIR=2694,R=G	
Mar 15 1985	12.5"	12mm	DIF,VF,VS,SMALL OVAL PATCH,NO *S	
<b>H823-3</b>	<b>NGC 5238</b>	<b>CVn</b>	<b>Galaxy SAB(s)dm</b>	<b>CF,PL,R,VLBM</b>

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<b>H823-3</b>	<b>NGC 5238</b>	<b>CVn</b>	<b>Galaxy SAB(s)dm</b>	<b>CF,PL,R,VLBM</b>
Feb 15 2004	31"	17mmT4	DIF,PF,VL,OVAL,UB,NND,R=F	
<b>H824-2</b>	<b>NGC 3917</b>	<b>UMa</b>	<b>Galaxy SAccd:</b>	<b>F,L,VME,VGBM</b>
Jan 29 2014	36"	17mmT4	MB,VL,ELONG,UB,NND,SHISB,CIGAR SHAPE,PAIR=PGC36973,R=GE	
Mar 04 2006	31"	17mmT4	PB,VL,EDGE ON,UB,NND,CENTRAL BULGE,2*S OFF ONE SIDE,R=G	
Mar 15 1985	12.5"	16mm	DIF,MP,MS,EDGE ON,2VF*S S SIDE,UB,NND	
<b>H825-2</b>	<b>NGC 3924</b>	<b>UMa</b>	<b>Galaxy Sm:</b>	<b>PB,S,IF,BM</b>
Mar 04 2006	31"	17mmT4	DIF,VF,PS,PTACH,UB,NND,R=P	
<b>H825-3</b>	<b>NGC 2746</b>	<b>Lyn</b>	<b>Galaxy SB(rs)a</b>	<b>EF,S,R,VGLBM,*12NP1'</b>
Nov 24 2003	31"	17mmT4	MF,PL,OVAL,SMALL FNUC,SBM,LARGE AREA OF ARMS,R=G	
<b>H826-2</b>	<b>NGC 5109</b>	<b>UMa</b>	<b>Galaxy S</b>	<b>CF,S,CE</b>
Apr 14 2004	31"	17mmT4	DIF,PF,MS,ELONG,UB,CENTRAL BULDGE,PAIR=5113,R=F	
<b>H826-3</b>	<b>NGC 2780</b>	<b>Lyn</b>	<b>Galaxy SB?</b>	<b>VF,S,R,S D*P</b>
Dec 26 2003	31"	17mmT4	DIF,VF,PL,OVAL,UB,NND,R=G	
<b>H827-2</b>	<b>NGC 5430</b>	<b>UMa</b>	<b>Galaxy SB(s)b</b>	<b>PB,S,IE,MBM</b>
Mar 06 2003	12.5"	9mmT6	MB,PL,OVAL,PATCH,*NUC,R=F	
<b>H827-3</b>	<b>NGC 2840</b>	<b>Lyn</b>	<b>Galaxy SB(rs)bc</b>	<b>CF,S,R,*10NP2'</b>
Dec 26 2003	31"	17mmT4	MF,MS,OVAL,PATCH,LARGE FNUC,R=G	
<b>H828-2</b>	<b>NGC 2756</b>	<b>UMa</b>	<b>Galaxy Sb</b>	<b>PB,PS,E,VGBM</b>
Jan 08 2003	12.5"	9mmT6	MB,ML,SMOD HISB,PATCH,OVAL,UB,COMP SUSP	
Mar 06 2003	12.5"	9mmT6	MB,ML,R,BNUC,LARGE NUC AREA,MOD HISB MIDDLE,PAIR=PGC25755,R=G	
<b>H829-2</b>	<b>NGC 3669</b>	<b>UMa</b>	<b>Galaxy SBcd: sp</b>	<b>VF,PL,PME135,ER</b>
Apr 03 2005	31"	17mmT4	MF,PL,EDGE ON,UB,NND,NO NUC,NO CENTRAL BULGE,R=E	
<b>H829-3</b>	<b>NGC 2431</b>	<b>Lyn</b>	<b>Galaxy (R')SB(s)a:</b>	<b>EF,VS,R,BM</b>
Feb 01 2005	31"	17mmT4	MF,MS,R,SMALL FNUC,GRAD BM,SOMEWHAT HISB MIDDLE,R=F	
<b>H830-2</b>	<b>NGC 3804</b>	<b>UMa</b>	<b>Galaxy SAB</b>	<b>PB,E</b>
Apr 04 2005	31"	17mmT4	MF,PL,OVAL,UB,NND,SHISB,* ON EDGE,PATCHY AREAS,R=F	
<b>H830-3</b>	<b>NGC 2474</b>	<b>Lyn</b>	<b>Galaxy E0</b>	<b>F,PS,(E),(BMVS*)L*NF</b>
Feb 17 2004	31"	17mmT4	MB,PS,OVAL,SMALL BNUC,COMP=2474,MOD HISB MIDDLE,R=G	
<b>H831-2</b>	<b>NGC 3838</b>	<b>UMa</b>	<b>Galaxy SA0/a?</b>	<b>PB,CS,E,PSBM*12</b>
Dec 07 2005	31"	17mmT4	VB,ML,ELONG,LARGE BNUC,HISB MIDDLE,BM,R=G	
<b>H831-3</b>	<b>NGC 2692</b>	<b>UMa</b>	<b>Galaxy SBab:</b>	<b>VF,S,R,PSBM</b>
Feb 04 2005	31"	17mmT4	MB,PS,OVAL,R,LARGE BNUC,SHISB,*S OFF TO SIDE,PAIR=PGC25130,R=G	
<b>H832-2</b>	<b>NGC 3895</b>	<b>UMa</b>	<b>Galaxy SB(rs)a:</b>	<b>PF,PL,VLE,GBM,F OF 2</b>
Mar 15 1985	12.5"	12mm	PF,PS,OVAL,PATCHY,STELL NUC SUSP,PAIR/3894	
<b>H832-3</b>	<b>NGC 2800</b>	<b>UMa</b>	<b>Galaxy E</b>	<b>VF,S,LE,*ATT,*INV</b>
Mar 26 2003	12.5"	9mmT6	PB,MS,OVAL,NND,BRT * IN GAL,R=G	
<b>H833-2</b>	<b>NGC 3958</b>	<b>UMa</b>	<b>Galaxy SB(s)a</b>	<b>PF,PS,PME,VGBM</b>
Mar 15 1985	12.5"	16mm	CLOSE PAIR/3963	
<b>H833-3</b>	<b>NGC 3870</b>	<b>UMa</b>	<b>Galaxy S0?</b>	<b>CF,CS,R,PSBM</b>
Feb 23 2006	31"	17mmT4	MF,MS,OVAL,SMALL BNUC,HISB MIDDLE,GMBM,R=G	
<b>H834-2</b>	<b>NGC 2726</b>	<b>UMa</b>	<b>Galaxy Sa?</b>	<b>CF,PS,IR,ER</b>
Mar 06 2003	12.5"	9mmT6	MF,ML,EL,UB,NND,MOD HISB,VF* IN GAL,SOMEWHAT BROKEN,R=G	
<b>H834-3</b>	<b>NGC 4511</b>	<b>UMa</b>	<b>Galaxy Sbc</b>	<b>PF,VS,IR,VGBM</b>
Feb 04 2005	31"	17mmT4	PF,MS,OVAL,UB,NND,PATCHY,R=F	
<b>H835-2</b>	<b>NGC 3043</b>	<b>UMa</b>	<b>Galaxy Sb: sp</b>	<b>CF,PS,LE,VGBM,*10N7'</b>
Apr 14 2004	31"	17mmT4	MB,ML,OVAL,PATCH,UB,MHISB,R=G	
Mar 15 1985	12.5"	16mm	NO FIND,CIRCLES HOT	

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<b>H835-2</b>	<b>NGC 3043</b>	<b>UMa</b>	<b>Galaxy Sb: sp</b>	<b>CF,PS,LE,VGBM,*10N7'</b>
Mar 15 1985	12.5" 16mm	NO FIND,CIRCLES HOT		
<b>H836-2</b>	<b>NGC 3725</b>	<b>UMa</b>	<b>Galaxy SBc</b>	<b>CF,S,R,GVLBM,R</b>
Apr 04 2005	31" 17mmT4	MB,ML,OVAL,SMALL BNUC,SLIGHTLY HISB MIDDLE,PAIR=PGC35626,R=G		
<b>H836-3</b>	<b>NGC 2469</b>	<b>Lyn</b>	<b>Galaxy Sbc pec:</b>	<b>F,VS,R,*9SF</b>
Feb 01 2005	31" 17mmT4	MB,PL,OVAL,LARGE FNUC,MOD HISB,PAIR=2473,R=G		
Feb 17 2004	31" 17mmT4	MB,MS,OVAL,HISB MIDDLE,LARGE BNUC AREA THAT IS ELONGATED,BAR?,R=G		
<b>H837-2</b>	<b>NGC 3762</b>	<b>UMa</b>	<b>Galaxy Sa</b>	<b>F,VLE,GBM</b>
Apr 04 2005	31" 17mmT4	PB,MS,EDGE ON,LARGE BNUC,CENTRAL BULGE,HISB MIDDLE,SMBM,R=G		
<b>H837-3</b>	<b>NGC 2488</b>	<b>Lyn</b>	<b>Galaxy S0-:</b>	<b>VF,VS,R,GLBM</b>
Feb 17 2004	31" 17mmT4	MB,ML,OVAL,LARGE BNUC,MOD HISB MIDDLE,PAIR=PGC22533,R=G		
<b>H838-2</b>	<b>NGC 3770</b>	<b>UMa</b>	<b>Galaxy SBa</b>	<b>PF,S,R,GBM,R</b>
Apr 04 2005	31" 17mmT4	MB,PS,R,SMALL BNUC,SMBM,MOD HISB MIDDLE,R=G		
<b>H838-3</b>	<b>NGC 2497</b>	<b>Lyn</b>	<b>Galaxy E?</b>	<b>EF,VS</b>
Feb 17 2004	31" 17mmT4	MB,ML,LARGE BNUC,MOD HISB MIDDLE,4 OTHERS PRESENT,R=G		
<b>H839-2</b>	<b>NGC 3796</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>F,CS,R,MBM</b>
Apr 04 2005	31" 17mmT4	MB,MS,ELONG,OVAL,LARGE BNUC,HISB MIDDLE,R=G		
<b>H839-3</b>	<b>NGC 2505</b>	<b>Lyn</b>	<b>Galaxy SBa</b>	<b>EF,VS</b>
Feb 17 2004	31" 17mmT4	MF,ML,OVAL,SMALL FNUC,FAINT HALO OF ARMS,R=F		
<b>H840-2</b>	<b>NGC 3978</b>	<b>UMa</b>	<b>Galaxy SABbc:</b>	<b>CF,S,LE,BM,*8P6'</b>
Mar 04 2006	31" 17mmT4	PB,PL,R,SMALL FNUC,MOD HISB,SBM,PAIRS=3975/PGC'S,R=G		
<b>H840-3</b>	<b>NGC 2534</b>	<b>Lyn</b>	<b>Galaxy E1? pec</b>	<b>PF,PL,R,PSBM,*8S</b>
Feb 01 2005	31" 17mmT4	MB,MS,LARGE BNUC,SHISB MIDDLE,HALO AROUND NUC,R=G		
<b>H841-2</b>	<b>NGC 5216</b>	<b>UMa</b>	<b>Galaxy E0 pec</b>	<b>PB,S,VLE</b>
Apr 03 2005	31" 17mmT4	PB,ML,R,LARGE BNUC,SMBM,MOD HISB MIDDLE,R=G		
<b>H841-3</b>	<b>NGC 2710</b>	<b>UMa</b>	<b>Galaxy SB(rs)b</b>	<b>VF,S</b>
Feb 04 2005	31" 17mmT4	PB,PL,ELONG,PATCH,UB,NND,R=G		
<b>H842-2</b>	<b>NGC 5218</b>	<b>UMa</b>	<b>Galaxy SB(s)b? pec</b>	<b>PB,PL,R,GBM</b>
Apr 03 2005	31" 17mmT4	PB,ML,OVAL,UB,NND,SHISB,PAIR=5216,R=G		
<b>H842-3</b>	<b>NGC 3353</b>	<b>UMa</b>	<b>Galaxy Sb? pec</b>	<b>F,CS,R,PGBM,*S90"</b>
Mar 15 1985	12.5" 12mm	MF,PS,BNUC,R,GBM,F* CLOSE BY,LOC IN BARREN * FIELD		
<b>H843-2</b>	<b>NGC 5370</b>	<b>UMa</b>	<b>Galaxy SB(r)0^</b>	<b>F,S</b>
May 16 2004	31" 17mmT4	MF,MS,OVAL,LARGE BNUC,GMBM,SHISB MIDDLE,R=G		
<b>H843-3</b>	<b>NGC 3757</b>	<b>UMa</b>	<b>Galaxy S0?</b>	<b>VF,R,STELLAR,VS*1DSF</b>
Apr 04 2005	31" 17mmT4	PB,MS,OVAL,LARGE BNUC,HISB MIDDLE,R=G		
<b>H844-2</b>	<b>NGC 5376</b>	<b>UMa</b>	<b>Galaxy SAB(r)b?</b>	<b>CB,PL,VLE,VGBM</b>
May 16 2004	31" 17mmT4	MB,PL,OVAL,PATCH,SHISB,BRT PATCH IN GAL DET CLOSE TO NUC,PAIRS=5389/5379,R=G		
<b>H844-3</b>	<b>NGC 3795</b>	<b>UMa</b>	<b>Galaxy S</b>	<b>VF,S,ME</b>
Apr 04 2005	31" 17mmT4	MF,MS,EDGE ON,UB,NND,CIGAR SHAPE,R=G		
<b>H845-2</b>	<b>NGC 3668</b>	<b>UMa</b>	<b>Galaxy Sbc</b>	<b>F,PS,IR,GBM,*9NP</b>
Apr 03 2005	31" 17mmT4	PB,PL,OVAL,R,SMALL BNUC,COMP NOT DET,VF* IN EDGE,GBM,HISB MIDDLE,FARM SUSP,R=G		
<b>H846-2</b>	<b>NGC 4256</b>	<b>Dra</b>	<b>Galaxy SA(s)b: sp</b>	<b>PB,L,CE38,BMBN</b>
Feb 04 2005	31" 17mmT4	PB,ML,EDGE ON,SMALL BNUC,CENTRAL BULGE,HISB MIDDLE,BM,DUST SUSP,R=E		
<b>H846-3</b>	<b>NGC 2870</b>	<b>UMa</b>	<b>Galaxy Sbc</b>	<b>CF,S,E,VGLBM</b>
Apr 14 2004	31" 17mmT4	MF,ML,ELONG,UB,F* IN TIP,SLIGHTLY BM,R=G		
<b>H847-2</b>	<b>NGC 4332</b>	<b>Dra</b>	<b>Galaxy SB(s)a</b>	<b>PF,S,VLE,VGBM</b>
Feb 04 2005	31" 17mmT4	MB,PL,ELONG,EDGE ON,LARGE BNUC,ALMOST EDGE ON,MOD HISB MIDDLE,BM,R=G		

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<b>H847-2</b>	<b>NGC 4332</b>	<b>Dra</b>	<b>Galaxy SB(s)a</b>	<b>PF,S,VLE,VGBM</b>
Feb 04 2005	31"	17mmT4	MB,PL,ELONG,EDGE ON,LARGE BNUC,ALMOST EDGE ON,MOD HISB MIDDLE,BM,R=G	
<b>H847-3</b>	<b>NGC 3740</b>	<b>UMa</b>	<b>Galaxy S</b>	<b>VF,VS,R,VGBM</b>
Apr 04 2005	31"	17mmT4	MF,ML,OVAL,UB,NND,SHISB,R=G	
<b>H848-2</b>	<b>NGC 4441</b>	<b>Dra</b>	<b>Galaxy SAB0+ pec</b>	<b>PB,S,IR,BM</b>
Feb 04 2005	31"	17mmT4	MB,MS,OVAL,LARGE FNUC,SHISB,R=G	
<b>H848-3</b>	<b>NGC 5007</b>	<b>UMa</b>	<b>Galaxy S0-:</b>	<b>VF,VS</b>
Apr 14 2004	31"	17mmT4	MF,MS,OVAL,R,SMALL BNUC,PAIR=PGC45617,R=F	
<b>H849-2</b>	<b>NGC 4521</b>	<b>Dra</b>	<b>Galaxy S0/a</b>	<b>PB,S,PME,PGBM,*P12S</b>
Feb 04 2005	31"	17mmT4	PB,ML,EDGE ON,LARGE BNUC,HISB,CENTRAL BULGE,HISB MIDDLE,GMBM,PAIR=4512,R=G	
<b>H849-3</b>	<b>NGC 5342</b>	<b>UMa</b>	<b>Galaxy S0</b>	<b>EF,VS</b>
May 16 2004	31"	17mmT4	PB,MS,ELONG,LARGE BNUC,R=F	
<b>H850-2</b>	<b>NGC 4545</b>	<b>Dra</b>	<b>Galaxy SB(s)cd:</b>	<b>F,L,IR,VGBM,S*NF</b>
Feb 23 2006	31"	17mmT4	VF,VL,OVAL,R,UB,NND,* OUTER EDGE,PATCHY AREAS DET,HISB,R=E	
<b>H850-3</b>	<b>NGC 4210</b>	<b>Dra</b>	<b>Galaxy SB(r)b</b>	<b>PF,PS,R,VGBM</b>
Apr 23 2003	12.5"	9mmT6	MF,PL,OVAL,R,PATCH,MOD HISB,PAIR=4221/PGC39058,R=G	
<b>H851-2</b>	<b>NGC 7773</b>	<b>Peg</b>	<b>Galaxy SBbc</b>	<b>PF,CS,R,*13NF NR</b>
Nov 20 2003	31"	17mmT4	MF,ML,R,SMALL FNUC,SHISB,B* OFF EDGE,FARMS,R=G	
<b>H851-3</b>	<b>NGC 4238</b>	<b>Dra</b>	<b>Galaxy Sd</b>	<b>VF,PS,IR,VGLBM</b>
Apr 23 2003	12.5"	9mmT6	DIF,PF,MS,OVAL,PATCH,UB,NND,R=P	
<b>H852-3</b>	<b>NGC 4391</b>	<b>Dra</b>	<b>Galaxy SA0-:</b>	<b>CF,S,R,SBM,***SP</b>
Feb 04 2005	31"	17mmT4	MB,PS,OVAL,SMALL BNUC,MOD HISB,R=G	
<b>H853-2</b>	<b>NGC 29</b>	<b>And</b>	<b>Galaxy SAB(s)bc:</b>	<b>PB,PL,E0</b>
Sep 12 2002	12.5"	9mmT6	DIF,PF,PL,VF* OR STELL NUC,UB,OVAL,SOMEWHAT HISB	
Sep 14 2012	36"	17mmT4	MB,MS,ELONG,LARGE FNUC,F* CLOSE IN BY NUC REGION,MHISB,R=FG	
<b>H853-3</b>	<b>NGC 3073</b>	<b>UMa</b>	<b>Galaxy SAB0-</b>	<b>VF,S,VGLBM</b>
Jan 08 2003	12.5"	9mmT6	MF,MS,BNUC,OVAL,GMBM,BRT CENTRAL BULGE,PAIR/3079/PGC28990	
Mar 06 2003	12.5"	9mmT6	PF,PS,OVAL,PATCH,FNUC,PAIR=3079,R=P	
<b>H854-2</b>	<b>NGC 128</b>	<b>Psc</b>	<b>Galaxy S0 pec sp</b>	<b>PB,PS,LE2,BM</b>
Sep 04 2002	12.5"	16mm	MF,ML,ELONG,HISB,LARGE NEC BULGE,TAPPERED,GROUP OF GALAXIES	
Sep 24 1981	12.5"	16mm	DIF,MF,VS,FNUC,SOME F*S IN AREA,SBM	
<b>H854-3</b>	<b>NGC 7760</b>	<b>Peg</b>	<b>Galaxy E?</b>	<b>CB,VS,R,PSBM,*12ATT</b>
Sep 05 2007	31"	17mmT4	PB,PS,R,UB,NND,SHISB,B* IN EDGE OF GAL,R=F	
<b>H855-3</b>	<b>NGC 7805</b>	<b>Peg</b>	<b>Galaxy SAB0^: pec</b>	<b>EF,S,R,SBM,SP OF 2</b>
Oct 06 2004	31"	17mmT4	PB,MS,R,SMALL BNUC,SHISB,HISB MIDDLE,GMBM,PAIRS=7806,PGC111,MAC,R=G	
<b>H856-2</b>	<b>NGC 194</b>	<b>Psc</b>	<b>Galaxy E</b>	<b>PB,S,R,VGBM</b>
Sep 04 2002	12.5"	9mmT6	MF,VL,OVAL,BRIGHT NUC,MOD HISB,PAIR/198/200	
<b>H856-3</b>	<b>NGC 7806</b>	<b>Peg</b>	<b>Galaxy SA(rs)bc? pec</b>	<b>EF,S,R,NF OF 2,STELL</b>
Oct 06 2004	31"	17mmT4	PB,MS,R,SMALL BNUC,SHISB,HISB MIDDLE,GMBM,PAIRS=7805,PGC111,MAC,R=G	
<b>H857-2</b>	<b>NGC 198</b>	<b>Psc</b>	<b>Galaxy SA(r)c</b>	<b>F,S,VGBM</b>
Sep 04 2002	12.5"	9mmT6	DIF,PF,VL,OVAL PATCH,PAIR/200/194	
<b>H858-2</b>	<b>NGC 200</b>	<b>Psc</b>	<b>Galaxy SB(s)bc</b>	<b>PB,S,VGBM</b>
Sep 04 2002	12.5"	9mmT6	DIF,PF,VL,OVAL PATCH,PAIR/198/194	
<b>H858-3</b>	<b>NGC 7046</b>	<b>Equ</b>	<b>Galaxy SB(rs)cd</b>	<b>EF,PL,R,LBM</b>
Aug 03 2002	12.5"	12mm	EEDIF,EF,PS,OVAL PATCH WITH AVERTED VISION	
Sep 23 2003	31"	17mmT4	PB,PL,OVAL,PATCH,FNUC,LARGE NUC AREA,SOMEWHAT HISB,R=G	
<b>H859-2</b>	<b>NGC 693</b>	<b>Psc</b>	<b>Galaxy S0/a?</b>	<b>PF,S,E90,VGLBM,*10NF</b>
Sep 04 2002	12.5"	9mmT6	PB,PL,MOD HISB,* OF EDGE,PATCH,ELONG,UB,NND	

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<b>H859-2</b>	<b>NGC 693</b>	<b>Psc</b>	<b>Galaxy S0/a?</b>	<b>PF,S,E90,VGLBM,*10NF</b>
Sep 04 2002	12.5"	9mmT6	PB,PL,MOD HISB,* OF EDGE,PATCH,ELONG,UB,NND	
<b>H859-3</b>	<b>NGC 7081</b>	<b>Aqr</b>	<b>Galaxy Sb pec?</b>	<b>F,S,R,MBM,*14S</b>
Aug 03 2002	12.5"	12mm	EDIF,VF,PS,OVAL PATCH,UB,F* OFF ONE SIDE	
Sep 14 2012	36"	17mmT4	MF,MS,OVAL,LARGE NUC,HISB,PAIRS=PGC66904/MAC,R=F	
<b>H860-2</b>	<b>NGC 196</b>	<b>Cet</b>	<b>Galaxy SB0 pec:</b>	<b>F,PS,R,PSMBM</b>
Sep 04 2005	31"	17mmT4	PB,PL,SMALL BNUC,GMBM,HISB MIDDLE,PAIRS=NGC'S,EXCELLENT HICKSON GROUP,R=E	
<b>H860-3</b>	<b>NGC 7680</b>	<b>Peg</b>	<b>Galaxy S0-:</b>	<b>VF,S,R,LBM,R</b>
Sep 05 2007	31"	17mmT4	MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,GMBM,R=G	
<b>H861-2</b>	<b>NGC 2320</b>	<b>Lyn</b>	<b>Galaxy E</b>	<b>PB,S,IR,GBM,*8SP</b>
Feb 17 2004	31"	17mmT4	MF,PL,OVAL,LARGE BNUC,HISB MIDDLE,GMBM,PAIR=2322,R=G	
<b>H861-3</b>	<b>NGC 39</b>	<b>And</b>	<b>Galaxy SA(rs)c</b>	<b>VF,PS,R</b>
Sep 12 2002	12.5"	9mmT6	VDIF,VF,PS,OVAL-ROUND,F* IN GAL,UB,NND,PAIR/43	
Sep 14 2012	36"	17mmT4	MF,MS,R,NND,* IN GAL,DARK AREAS SUSP,FACE ON,R=FG	
<b>H862-2</b>	<b>NGC 2332</b>	<b>Lyn</b>	<b>Galaxy S0:</b>	<b>F,S,R,PSBM</b>
Jan 30 2005	31"	17mmT4	MF,MS,ELONG,LARGE BNUC,MOD HISB,PAIR=2330,R=G	
<b>H862-3</b>	<b>NGC 7223</b>	<b>Lac</b>	<b>Galaxy SB(rs)bc</b>	<b>EF,PS,LE,R,AM3ST</b>
Sep 11 2004	31"	17mmT4	DIF,PF,PS,OVAL,UB,NND,SHISB,VERY F* IN GAL,CLOSE MAC COMP,R=F	
<b>H863-2</b>	<b>NGC 257</b>	<b>Psc</b>	<b>Galaxy Scd:</b>	<b>PL,LE,GBM,R</b>
Sep 28 2013	36"	17mmT4	MF,ML,OVAL,LARGE FNUC,GBM,F* OUTER EDGE,R=FG	
<b>H863-3</b>	<b>NGC 7248</b>	<b>Lac</b>	<b>Galaxy SA0-:</b>	<b>VF,VS,MBM</b>
Sep 11 2004	31"	17mmT4	MB,MS,ELONG,LARGE BNUC,HISB MIDDLE,SMBM,R=G	
<b>H864-3</b>	<b>NGC 7250</b>	<b>Lac</b>	<b>Galaxy Sdm?</b>	<b>VF,S,ME165</b>
Sep 11 2004	31"	17mmT4	MB,MS,ELONG,LARGE FNUC,B* ON TIP,SBM,R=G	
<b>H865-2</b>	<b>NGC 4105</b>	<b>Hya</b>	<b>Galaxy E3</b>	<b>PF,PS,R,PSBM,R,P OF2</b>
Mar 29 2006	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,GMBM,HISB,PAIR=4106,R=G	
<b>H865-3</b>	<b>NGC 1985</b>	<b>Aur</b>	<b>Nebula R</b>	<b>CF,S,R,PSBM</b>
Dec 20 2003	31"	25mm	MB,MS,BRT CENTRAL *.SOMEWHAT MOD HISB NEBULOUSITY,PATCHY,R=E	
<b>H866-2</b>	<b>NGC 4106</b>	<b>Hya</b>	<b>Galaxy SB(s)0+</b>	<b>PF,PS,R,PGBM, F OF 2</b>
Mar 29 2006	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,GMBM,HISB,PAIR=4105,R=G	
<b>H866-3</b>	<b>NGC 13</b>	<b>And</b>	<b>Galaxy (R)Sab:</b>	<b>VF,VS,S ST+NEB</b>
Sep 12 2002	12.5"	9mmT6	MB,PL,ELONG,SBM,F* IN TIP	
Sep 14 2012	36"	17mmT4	MB,ML,EDGE ON,SMALL BNUC,HISB MIDDLE,SOMEWHAT CENTRAL BULGE,VF* TOUCHING NUC,R=G	
<b>H867-2</b>	<b>NGC 4194</b>	<b>UMa</b>	<b>Galaxy IBm pec</b>	<b>PB,VS,VSBM*12</b>
Apr 23 2003	12.5"	9mmT6	PB,ML,OVAL,R,BNUC,MOD HISB,GMBM,R=G	
<b>H868-2</b>	<b>NGC 2814</b>	<b>UMa</b>	<b>Galaxy Sb:</b>	<b>F,S,IF,1ST OF 2</b>
Apr 14 2004	31"	17mmT4	MB,ML,ELONG,LARGE FNUC,SHISB,PAIRS/IC2458/2820,R=G	
Jan 08 2003	12.5"	9mmT6	MF,PL,ELONG,OVAL,NND,SLIGHTLY HISB,PAIR/2820/IC2458	
<b>H868-3</b>	<b>NGC 12</b>	<b>Psc</b>	<b>Galaxy SAB(rs)c:</b>	<b>EF,PL,VGLBM</b>
Dec 12 2012	36"	17mmT4	DIFF,PF,MS,R,NND,VF* OFF WEST SIDE,R=F	
<b>H869-2</b>	<b>NGC 2820</b>	<b>UMa</b>	<b>Galaxy SB(s)c pec sp</b>	<b>F,S,E,2ND OF 2</b>
Apr 14 2004	31"	17mmT4	MB,VL,EDGE ON,UB,NND,SHISB,PAIRS/IC2458/2814,R=E	
Jan 08 2003	12.5"	9mmT6	MB,ML,NICE EDGE ON,DUST SUSP,AREAS BROKEN,NND,SOMEWHAT HISB,PAIR/IC2458/2814	
<b>H869-3</b>	<b>NGC 125</b>	<b>Psc</b>	<b>Galaxy (R)SA0+ pec:</b>	<b>VF,S,BM,D*SP</b>
Sep 04 2002	12.5"	16mm	DIF,PF,PS,PATCH,NND,2F*S ONE EDGE,GROUP OF GALAXIES	
Sep 04 2002	12.5"	9mmT6	HISB,BRIGHT CENTRAL BULGE,R	

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<b>H869-3</b>	<b>NGC 125</b>	<b>Psc</b>	<b>Galaxy (R)SA0+ pec:</b>	<b>VF,S,BM,D*SP</b>
Sep 04 2002	12.5"	9mmT6	HISB,BRIGHT CENTRAL BULGE,R	
<b>H870-2</b>	<b>NGC 3259</b>	<b>UMa</b>	<b>Galaxy SAB(rs)bc:</b>	<b>F,S,R,GBM</b>
Feb 04 2005	31"	17mmT4	MB,ML,LARGE FNUC,SHISB,SOFT NUC,R=G	
Mar 15 1985	12.5"	16mm	EDIF,VF,VS,PATCHY,UB,NND,NO *S	
<b>H870-3</b>	<b>NGC 182</b>	<b>Psc</b>	<b>Galaxy (R')SAB(rs)a p:</b>	<b>VF,S,IR,VGBM</b>
Sep 04 2002	12.5"	9mmT6	GMBM,MOD HISB,B* IN FOV	
<b>H871-2</b>	<b>NGC 3266</b>	<b>UMa</b>	<b>Galaxy SAB0^?</b>	<b>CF,VS,R,PSMBM*</b>
Feb 04 2005	31"	17mmT4	PB,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,R=G	
<b>H872-2</b>	<b>NGC 3394</b>	<b>UMa</b>	<b>Galaxy SA(rs)c</b>	<b>CF,S,LE,VGBM</b>
Feb 05 2005	31"	17mmT4	MB,VL,OVAL,UB,NND,SHISB,PAIR=3392,R=G	
<b>H872-3</b>	<b>NGC 192</b>	<b>Cet</b>	<b>Galaxy (R')SB(r)a:</b>	<b>F,PS,PME,BM</b>
Sep 04 2005	31"	17mmT4	PB,PL,SMALL BNUC,GMBM,HISB MIDDLE,PAIRS=NGC'S,EXCELLENT HICKSON GROUP,R=E	
<b>H873-2</b>	<b>NGC 6048</b>	<b>UMi</b>	<b>Galaxy E</b>	<b>F,R,BM</b>
Jun 01 2003	12.5"	9mmT6	DIF,MF,MS,OVAL,PATCH,UB,SHISB,R=F	
<b>H873-3</b>	<b>NGC 201</b>	<b>Cet</b>	<b>Galaxy SAB(r)c</b>	<b>VF,CL,E,VGLBM</b>
Sep 04 2005	31"	17mmT4	DIF,MB,VL,PATCH,UB,NND,PAIRS=NGC'S,EXCELLENT HICKSON GROUP,R=G	
<b>H874-2</b>	<b>NGC 5928</b>	<b>Ser</b>	<b>Galaxy S0</b>	<b>PB,CS,R,PSBM,*7N</b>
May 28 2008	31"	17mmT4	PB,ML,R,LARGE BNUC,GMBM,HISB MIDDLE,R=G	
<b>H874-3</b>	<b>NGC 2322</b>	<b>Lyn</b>	<b>Galaxy SBa:</b>	<b>VF,VS,LE</b>
Feb 17 2004	31"	17mmT4	MB,ML,ELONG,LARGE BNUC,MOD HISB MIDDLE,PAIR=2320,R=F	
<b>H875-2</b>	<b>NGC 6166</b>	<b>Her</b>	<b>Galaxy E+2 pec</b>	<b>PF,S,VLE,VGMBM</b>
Feb 27 1982	12.5"	16mm	VDIF,VF,MS,R,PATCHY,SBM,OVAL	
<b>H876-3</b>	<b>NGC 180</b>	<b>Psc</b>	<b>Galaxy SB(rs)bc</b>	<b>VF,PL,IR,*NP INV</b>
Sep 27 2013	36"	17mmT4	MB,MS,OVAL,PATCH,SMALL BNUC,SHISB,KEEP B* OUT OF FOV,GMB,* OFF SIDE,R=F	
<b>H877-3</b>	<b>NGC 2525</b>	<b>Pup</b>	<b>Galaxy SB(s)c</b>	<b>CF,PL,R,VGVLBM,AM ST</b>
Dec 03 1980	12.5"	24mm		
<b>H878-2</b>	<b>NGC 6824</b>	<b>Cyg</b>	<b>Galaxy SA(s)b:</b>	<b>PB,IF,BM</b>
Jul 06 2002	12.5"	16mm	DIF,PF,MS,OVAL PATCH,UB,12MAG * CLOSE BY	
Jun 21 2003	12.5"	9mmT6	VB,VL,BNUC,VERY HISB,F* OFF TO EDGE,LARGE BRT NUC,GMBM,R=E	
Oct 12 2012	36"	17mmT4	MB,ML,OVAL.LARGE NUC,MHISB,VF* OUTER EDGE IN GAL,GRADUALLY BRT IN MIDDLE,R=FG	
<b>H878-3</b>	<b>NGC 2805</b>	<b>UMa</b>	<b>Galaxy SAB(rs)d</b>	<b>VF,L,R,MBM</b>
Apr 14 2004	31"	17mmT4	DIF,PF,VL,PATCH,UB,NND,R=F	
Jan 08 2003	12.5"	9mmT6	DIF,PF,PL,FNUC,R,UB WITH FAINT NUC,OVAL	
<b>H879-2</b>	<b>NGC 3622</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>PB,S,R,GBM</b>
Apr 03 2005	31"	17mmT4	MF,MS,OVAL,UB,NND,SHISB,R=G	
<b>H879-3</b>	<b>NGC 4384</b>	<b>UMa</b>	<b>Galaxy Sa</b>	<b>CF,S,IR</b>
Feb 04 2005	31"	17mmT4	MB,MS,OVAL,LARGE NUC,SHISB,GRADUALLY BM,R=G	
<b>H880-2</b>	<b>NGC 3654</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>F,S,LE15</b>
Apr 03 2005	31"	17mmT4	MB,PS,OVAL,SOMEWHAT HISB,SOMEWHAT BM,R=G	
<b>H880-3</b>	<b>NGC 4566</b>	<b>UMa</b>	<b>Galaxy S</b>	<b>PF,S,IR,GBM</b>
Mar 26 2006	31"	17mmT4	MB,MS,OVAL,R,SBNUC,FAINT HALO AROUND NUC,SMBM,MOD HISB MIDDLE,R=G	
<b>H881-2</b>	<b>NGC 3879</b>	<b>Dra</b>	<b>Galaxy Sdm:</b>	<b>F,PL,ME105</b>
Feb 23 2006	31"	17mmT4	MF,MS,EDGE ON,UB,NND,SHISB,VF* OFF SIDE OF NUC,R=G	
<b>H881-3</b>	<b>NGC 3392</b>	<b>UMa</b>	<b>Galaxy E?</b>	<b>VF,S,PSBM,ST NR</b>
Feb 05 2005	31"	17mmT4	PB,MS,R,SMALL BNUC,MOD HISB MIDDLE,PAIR=3394,R=G	
<b>H882-2</b>	<b>NGC 3225</b>	<b>UMa</b>	<b>Galaxy Scd:</b>	<b>CF,PL,LE,VGBM</b>



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<b>H882-2</b>	<b>NGC 3225</b>	<b>UMa</b>	<b>Galaxy Scd:</b>	<b>CF,PL,LE,VGBM</b>
Apr 23 2003	12.5" 9mmT6	DIF,MF,PL,ELONG,PATCH,NND,SHISB,F*	OFF ONE SIDE,R=F	
Jan 08 2003	12.5" 9mmT6	DIF,PF,MS,FNUC,OVAL,SBM,F*	ON EDGE,LARGE CENTRAL REGION	
<b>H882-3</b>	<b>NGC 5671</b>	<b>UMi</b>	<b>Galaxy SB(r)b</b>	<b>VF,PL,R,BM</b>
Jun 01 2003	12.5" 9mmT6	VDIF,VF,PS,PATCH,UB,AV	HOLDS,R=P	
<b>H883-2</b>	<b>NGC 3238</b>	<b>UMa</b>	<b>Galaxy SA(r)0^:</b>	<b>F,S,R,PSLBM</b>
Feb 04 2005	31" 17mmT4	PF,MS,OVAL,SMALL BNUC,SHISB,BAR	SUSP,PAIR=PGC30649,R=G	
<b>H883-3</b>	<b>NGC 6071</b>	<b>UMi</b>	<b>Galaxy SB(s)b</b>	<b>EF,VS</b>
Jun 01 2003	12.5" 9mmT6	EDIF,VF,VS,PATCH,AV	HOLDS,R=P	
<b>H884-2</b>	<b>NGC 3517</b>	<b>UMa</b>	<b>Galaxy SAB:</b>	<b>EF,S,R,VGBM</b>
Apr 03 2005	31" 17mmT4	MF,PS,R,SMALL BNUC,COMP=PGC33526,	R=F	
<b>H884-3</b>	<b>NGC 6079</b>	<b>UMi</b>	<b>Galaxy E</b>	<b>VF,VS</b>
Jun 01 2003	12.5" 9mmT6	PF,PS,R,BNUC,	R=F	
<b>H885-2</b>	<b>NGC 3625</b>	<b>UMa</b>	<b>Galaxy SAB(s)b:</b>	<b>F,S,LE135</b>
Apr 03 2005	31" 17mmT4	MB,PL,OVAL,UB,SHISB,PAIRS=PGC/MAC,	R=G	
<b>H886-2</b>	<b>NGC 3674</b>	<b>UMa</b>	<b>Galaxy S0 sp</b>	<b>PF,IF</b>
Apr 03 2005	31" 17mmT4	MB,MS,ELONG,EDGE ON,SMALL BNUC,GMBM,	MOD HISB MIDDLE,PAIR=MAC,R=G	
Mar 15 1985	12.5" 16mm	COMP TO SE = 3683,NO	DESC GIVEN	
<b>H887-2</b>	<b>NGC 3435</b>	<b>UMa</b>	<b>Galaxy Sb</b>	<b>CF,PS,LE,VGBM</b>
Feb 05 2005	31" 17mmT4	MF,MS,PATCH,SMALL FNUC,	R=F	
<b>H888-2</b>	<b>NGC 3470</b>	<b>UMa</b>	<b>Galaxy SA(r)ab:</b>	<b>VF,S,R,VGBM</b>
Feb 05 2005	31" 17mmT4	MF,MS,OVAL,LARGE FNUC,PAIR=PGC33043,	R=F	
<b>H888-3</b>	<b>NGC 6103</b>	<b>CrB</b>	<b>Galaxy S?</b>	<b>VF,S,R,VGLBM</b>
Apr 04 2005	31" 17mmT4	MF,MS,R,UB,NND,MOD	HISB,R=G	
<b>H889-3</b>	<b>NGC 6089</b>	<b>CrB</b>	<b>Galaxy Compact</b>	<b>VF,S,R,BM</b>
Apr 04 2005	31" 17mmT4	MF,MS,SMALL FNUC,CLOSE	COMP=MAC,R=F	
<b>H891-3</b>	<b>NGC 6129</b>	<b>CrB</b>	<b>Galaxy S0</b>	<b>EF,VS,R,LBM</b>
Apr 04 2005	31" 17mmT4	MF,MS,OVAL,LAGE FNUC,PAIR=PGC57915,	R=F	
<b>H892-3</b>	<b>NGC 6142</b>	<b>CrB</b>	<b>Galaxy Sb</b>	<b>EF,S,BM</b>
Apr 04 2005	31" 17mmT4	MF,PS,ELONG,SMALL FNUC,PAIR=PGC57979,	R=F	
<b>H893-3</b>	<b>NGC 6195</b>	<b>Her</b>	<b>Galaxy Sb</b>	<b>VF,S,R,GBM,BET2*</b>
Feb 27 1982	12.5" 16mm	EDIF,EF,ES,F*N AND S	EDGE,OVAL,NND	
<b>H894-2</b>	<b>NGC 5679</b>	<b>Vir</b>	<b>Galaxy Sb</b>	<b>VF,S,R,*12ATT</b>
May 18 2007	31" 17mmT4	MF,PATCH,UB,SOMEWHAT	BM,PATCHY,INTERACTING=5679A,R=F	
<b>H895-2</b>	<b>NGC 5257</b>	<b>Vir</b>	<b>Galaxy SAB(s)b pec</b>	<b>VF,S,R,BM,P OF DNEB</b>
May 18 2007	31" 17mmT4	VF,VL,OVAL,R,PATCH,UB,NND,HISB,	BROKEN OR PATCHY OUTER EDGE,PAIR=5258,R=E	
<b>H896-2</b>	<b>NGC 5258</b>	<b>Vir</b>	<b>Galaxy SA(s)b: pec</b>	<b>F,S,IR,F OF DNEB</b>
May 18 2007	31" 17mmT4	VF,VL,EL,EON,UB,NND,HISB,VF*	IN TIP,FWHISP OF ARMS OUTER EDGE,HOOK SHAPE,R=E	
<b>H897-2</b>	<b>NGC 7218</b>	<b>Aqr</b>	<b>Galaxy SB(rs)cd</b>	<b>PB,LE,R</b>
Jul 10 1981	12.5" 16mm	SOMEWHAT EDGE ON,**S	N AND S,NO STR SUSP,DIF,PF,MS	
Sep 10 1980	12.5" 24mm			
<b>H897-3</b>	<b>NGC 2290</b>	<b>Gem</b>	<b>Galaxy (R)SAa:</b>	<b>F,S,GBM</b>
Dec 06 2002	12.5" 9mmT6	VDIF,VF,MS,FNUC,SBM,OVAL,	CLUSTER OF 6 GAL	
Nov 17 2012	36" 17mmT4	MB,ML,LBNUC,HISB	MIDDLE,HALO,OTHERS,EXCELLENT FOV,R=G	
<b>H898-2</b>	<b>NGC 3107</b>	<b>Leo</b>	<b>Galaxy Sbc:</b>	<b>PF,PL,IR,*8NP 112"</b>
Jan 08 2003	12.5" 9mmT6	MB,MS,OVAL,MOD	HISB,B*CLOSE BY,UB	
<b>H898-3</b>	<b>NGC 2289</b>	<b>Gem</b>	<b>Galaxy S0</b>	<b>EF,VS</b>
Dec 06 2002	12.5" 9mmT6	VDIF,VF,MS,PATCH,OVAL,UB,	CLUSTER OF 6 GAL	

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<b>H898-3</b>	<b>NGC 2289</b>	<b>Gem</b>	<b>Galaxy S0</b>	<b>EF,VS</b>
Dec 06 2002	12.5"	9mmT6	VDIF,VF,MS,PATCH,OVAL,UB,CLUSTER OF 6 GAL	
Nov 17 2012	36"	17mmT4	MB,ML,LBNUC,HISB MIDDLE,HALO,OTHERS,EXCELLENT FOV,R=G	
<b>H899-2</b>	<b>NGC 5323</b>	<b>UMi</b>	<b>Galaxy Sab</b>	<b>VF,PS,LE0</b>
Feb 05 2005	31"	17mmT4	MF,MS,ELONG,EDGE ON,UB,NND,CENTRAL BULGE,R=F	
<b>H899-3</b>	<b>NGC 2333</b>	<b>Gem</b>	<b>Galaxy Sa</b>	<b>VF,S,R,BM</b>
Dec 06 2002	12.5"	9mmT6	PF,MS,MOD HISB,OVAL-PATCH,SBM	
<b>H900-2</b>	<b>NGC 1247</b>	<b>Eri</b>	<b>Galaxy Sbc sp</b>	<b>F,PL,E80</b>
Dec 12 2012	36"	17mmT4	MF,ML,EDGE ON,PA~70,LARGE FNUC,VF* CLOSE TO NUC,SLIGHT CENTRAL BULGE,R=F	
<b>H900-3</b>	<b>NGC 2388</b>	<b>Gem</b>	<b>Galaxy S?</b>	<b>VF,S,R,BM</b>
Dec 06 2002	12.5"	9mmT6	DIF,PF,MS,PATCH,UB,OVAL,PAIR/2389	
<b>H901-3</b>	<b>NGC 2389</b>	<b>Gem</b>	<b>Galaxy SAB(rs)c</b>	<b>VF,S,R,PSBM</b>
Dec 06 2002	12.5"	9mmT6	DIF,PF,MS,PATCH,SBM,OVAL,PAIR/2388	
<b>H902-2</b>	<b>NGC 6555</b>	<b>Her</b>	<b>Galaxy SAB(rs)c</b>	<b>F,L,R,VGLBM</b>
Jul 03 2003	12.5"	9mmT6	PB,PL,PATCH,NND,MOD HISB,R=G	
<b>H902-3</b>	<b>NGC 2578</b>	<b>Pup</b>	<b>Galaxy SB(r)0/a pec</b>	<b>F,VLE,GBM,R,AM50*</b>
Nov 24 2006	12.5"	12mmT4	MF,MS,OVAL,PATCH,UB,SMALL FNUC,SOMEWHAT HISB,PAIR=PGC23449,R=F	
<b>H903-2</b>	<b>NGC 3061</b>	<b>Dra</b>	<b>Galaxy (R')SB(rs)c</b>	<b>VF,PL,RESOLVABLE</b>
Apr 14 2004	31"	17mmT4	DIF,MF,VL,OVAL,PATCH,UB,NND,R=F	
<b>H903-3</b>	<b>NGC 4034</b>	<b>Dra</b>	<b>Galaxy Scd:</b>	<b>EF,S,IF,GVLBM</b>
Mar 06 2003	12.5"	9mmT6	SUSP ONLY,LOCATION GOOD,R=P	
<b>H904-2</b>	<b>NGC 3523</b>	<b>Dra</b>	<b>Galaxy Sbc</b>	<b>F,PL,LBM,</b>
Apr 03 2005	31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,PAIR=PGC33277,R=F	
Feb 23 2006	31"	17mmT4	MB,ML,R,UB,NND,MOD HISB,PAIR=PGC33277,R=G	
<b>H904-3</b>	<b>NGC 4120</b>	<b>Dra</b>	<b>Galaxy SA(rs)cd:</b>	<b>EF,VS,E</b>
Mar 06 2003	12.5"	9mmT6	DIF,PF,PS,OVAL,PATCH,*NUC,R=F	
<b>H905-2</b>	<b>NGC 3752</b>	<b>Dra</b>	<b>Galaxy Sab</b>	<b>PB,PL</b>
Apr 03 2005	31"	17mmT4	MB,ML,ELONG,EDGE ON,PATCH,UB,NND,R=G	
<b>H905-3</b>	<b>NGC 3961</b>	<b>Dra</b>	<b>Galaxy (R)SB(r)a:</b>	<b>EF,VS</b>
Feb 23 2006	31"	17mmT4	MB,MS,R,BNUC,MUCH BM,MOD HISB MIDDLE,R=G	
<b>H906-2</b>	<b>NGC 5949</b>	<b>Dra</b>	<b>Galaxy SA(r)bc?</b>	<b>F,S,LE45,VGLBM</b>
Apr 23 2003	12.5"	9mmT6	DIF,PB,ML,PATCH,UB,NND,MOD HISB,R=G	
Jul 09 1983	12.5"	16mm	MB,PS,PATCH,MOD HISB	
Jul 22 1981	12.5"	16mm	VDIF,NO SPR STR SEEN,SBM	
<b>H906-3</b>	<b>NGC 4693</b>	<b>Dra</b>	<b>Galaxy Sd</b>	<b>VF,PLE</b>
Feb 23 2006	31"	17mmT4	MF,ML,EDGE ON,UB,NND,CIGAR SHAPE,R=G	
<b>H907-2</b>	<b>NGC 6646</b>	<b>Lyr</b>	<b>Galaxy Sa</b>	<b>F,S,IF</b>
Jun 20 2004	31"	17mmT4	MB,ML,OVAL,LARGE FNUC,SLIGHTLY HISB MIDDLE,R=G	
<b>H907-3</b>	<b>NGC 4749</b>	<b>Dra</b>	<b>Galaxy Sb? sp</b>	<b>VF,CL,E135</b>
Feb 23 2006	31"	17mmT4	MF,MS,EDGO ON,PATCH,UB,NND,MOD HISB,CIGAR SHAPE,R=G	
<b>H908-2</b>	<b>NGC 2650</b>	<b>UMa</b>	<b>Galaxy SB(rs)b:</b>	<b>PB,PL,IF,ER</b>
Feb 04 2005	31"	17mmT4	MB,MS,R,LARGE BNUC,LOC IN TRI OF *S,HISB MIDDLE,BM,R=G	
<b>H908-3</b>	<b>NGC 4857</b>	<b>Dra</b>	<b>Galaxy SABb</b>	<b>EF,VS,IR,VLBM</b>
Feb 23 2006	31"	17mmT4	PF,PS,R,LARGE BNUC,MOD HISB MIDDLE,BM,R=G	
<b>H909-3</b>	<b>NGC 5034</b>	<b>UMi</b>	<b>Galaxy S?</b>	<b>VF,VS,R</b>
Apr 14 2004	31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,R=F	
<b>H910-3</b>	<b>NGC 3188</b>	<b>UMa</b>	<b>Galaxy (R)SB(r)ab</b>	<b>VF,PL,R</b>
Apr 23 2003	12.5"	9mmT6	DIF,VF,VS,FNUC,SLIGHT ELONG DET,HINT OF COMPANION,R=P	

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<b>H910-3</b>	<b>NGC 3188</b>	<b>UMa</b>	<b>Galaxy (R)SB(r)ab</b>	<b>VF,PL,R</b>
Apr 23 2003	12.5"	9mmT6	DIF,VF,VS,FNUC,SLIGHT ELONG DET,HINT OF COMPANION,R=P	
Apr 23 2003	12.5"	9mmT6	VDIF,EF,ES,PATCH,AV,R=P	
Dec 07 2005	31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,VF* OFF ONE SIDE,PAIR=3188A,R=F	
<b>H911-3</b>	<b>NGC 3220</b>	<b>UMa</b>	<b>Galaxy Sb: sp</b>	<b>PF,CL,E92,*9F9.5'</b>
Apr 23 2003	12.5"	9mmT6	DIF,VF,ML,EDGE ON,VFNUC,AV,BLINKING GAL,*NUC,COMES AND GOES,R=F	
<b>H913-3</b>	<b>NGC 3408</b>	<b>UMa</b>	<b>Galaxy Sc:</b>	<b>VF,CS,R,2PB*S</b>
Feb 05 2005	31"	17mmT4	PF,ML,OVAL,R,SHISB,LARGE PATCHY NUC,SLIGHTLY BM,R=G	
<b>H914-3</b>	<b>NGC 3440</b>	<b>UMa</b>	<b>Galaxy SBb? sp</b>	<b>VF,S,LE</b>
Feb 05 2005	31"	17mmT4	MF,MS,ELONG,LARGE FNUC,R=F	
<b>H915-3</b>	<b>NGC 3530</b>	<b>UMa</b>	<b>Galaxy S?</b>	<b>VF,S,R,PGBM</b>
Apr 03 2005	31"	17mmT4	MF,PS,ELONG,EDGE ON,SMALL BNUC,SUDDENDLY MBM,PAIR=MAC,R=F	
<b>H916-3</b>	<b>NGC 3102</b>	<b>UMa</b>	<b>Galaxy S0-:</b>	<b>VF,VS,R,BM,*11 SP</b>
Mar 06 2003	12.5"	9mmT6	DIF,PF,PS,PATCH,*NUC,STELL NUC OR F* DETECTED,R=F	
<b>H917-3</b>	<b>NGC 3286</b>	<b>UMa</b>	<b>Galaxy E?</b>	<b>VF,PS,R,PSLBM</b>
Feb 04 2005	31"	17mmT4	MF,MS,SMALL BNUC,GMBM,SOMEWHAT HISB MIDDLE,PAIR=3288,R=G	
<b>H918-3</b>	<b>NGC 3288</b>	<b>UMa</b>	<b>Galaxy SABbc:</b>	<b>EF,CS,R,VGLBM</b>
Feb 04 2005	31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,PAIR=3286,R=F	
<b>H919-3</b>	<b>NGC 3407</b>	<b>UMa</b>	<b>Galaxy S0-:</b>	<b>VF,VS,R,VS*NR</b>
Feb 05 2005	31"	17mmT4	MF,PS,ELONG,LARGE FNUC,BM,SOMEWHAT HISB MIDDLE,R=F	
<b>H920-3</b>	<b>NGC 3543</b>	<b>UMa</b>	<b>Galaxy S</b>	<b>EF,VS,E0,R</b>
Apr 03 2005	31"	17mmT4	PF,PS,EDGE ON,UB,NND,CENTRAL BULGE,R=F	
<b>H921-3</b>	<b>NGC 3589</b>	<b>UMa</b>	<b>Galaxy Sd:</b>	<b>VF,L,E,VGBM,INTRILST</b>
Apr 03 2005	31"	17mmT4	PF,VL,ELONG,EDGE ON,UB,NND,LARGE EDGE ON PATCH BESIDE TRI OF B*S,R=G	
<b>H922-3</b>	<b>NGC 3671</b>	<b>UMa</b>	<b>Galaxy C</b>	<b>VF,VS,2VS*INV</b>
Dec 07 2005	31"	17mmT4	PF,PS,OVAL,UB,NND,VF* IN EDGE OF GAL,R=F	
<b>H930-3</b>	<b>NGC 7165</b>	<b>Aqr</b>	<b>Galaxy SB(r)ab</b>	<b>EF</b>
Sep 06 2002	12.5"	9mmT6	DIF,BF,PS,OVAL PATCH,UB,STREIGHT N OF F* ON FIELD	
<b>H931-3</b>	<b>NGC 7230</b>	<b>Aqr</b>	<b>Galaxy SA(s)bc</b>	<b>VF,S,R,BM</b>
Sep 06 2002	12.5"	9mmT6	DIF,PF,PS,PATCH,UB	
<b>H932-3</b>	<b>NGC 7246</b>	<b>Aqr</b>	<b>Galaxy (R)SA(r)a:</b>	<b>VF,S,VLE,VGBM,*13N</b>
Sep 02 2005	31"	17mmT4	MF,PL,PATCH,NND,MOD HISB,BRT AREAS DET,IRR IN SHAPE,CHUNKY,R=G	
<b>H933-3</b>	<b>NGC 7251</b>	<b>Aqr</b>	<b>Galaxy (R')SA(rs)a?</b>	<b>F,PS,R,GPMBM</b>
Sep 02 2005	31"	17mmT4	MB,PL,R,UB,NND,SOMEWHAT HISB,PAIR=MAC,R=G	
<b>H934-3</b>	<b>NGC 3080</b>	<b>Leo</b>	<b>Galaxy Sa</b>	<b>VF</b>
Mar 08 2010	31"	17mmT4	MF,ML,OVAL,R,LARGE FNUC,SHISB MIDDLE,PAIR=IC585,R=G	
<b>H936-3</b>	<b>NGC 7076</b>	<b>Cep</b>	<b>Planetary Neb 3b</b>	<b>VF,ER</b>
Jun 20 2004	31"	17mmT4	W/OIII,PF,ML,R,ONE SIDE BRIGHTER THAN OTHER,R=F	
<b>H937-3</b>	<b>NGC 4972</b>	<b>UMi</b>	<b>Galaxy S0?</b>	<b>VF,S,IR,BM</b>
Apr 14 2004	31"	17mmT4	MF,MS,OVAL,SMALL FNUC,UNIDENTIFIED COMP CLOSE BY,R=F	
<b>H938-3</b>	<b>NGC 4363</b>	<b>Dra</b>	<b>Galaxy SAB:</b>	<b>EF,PL,IF</b>
Feb 04 2005	31"	17mmT4	PF,ML,OVAL,PATCH,UB,NND,F* OFF ONE EDGE,R=F	
<b>H939-3</b>	<b>NGC 4572</b>	<b>Dra</b>	<b>Galaxy S</b>	<b>EF,S</b>
Feb 23 2006	31"	17mmT4	PF,MS,EDGE ON,PATCH,UB,NND,TAPPERED ENDS,CENTRAL BULGE,PAIR=MAC,R=F	
<b>H940-3</b>	<b>NGC 3890</b>	<b>Dra</b>	<b>Galaxy S?</b>	<b>VF,S,R,BM</b>
Feb 23 2006	31"	17mmT4	PF,MS,R,LARGE BNUC,MOD HISB,SUDDENLY MBM,LARGE NUC AREA,R=G	
<b>H941-3</b>	<b>NGC 4159</b>	<b>Dra</b>	<b>Galaxy S?</b>	<b>EF,PS,R,TRI2*</b>
Mar 06 2003	12.5"	9mmT6	EDIF,EF,ES,AV,SUSP ONLY,LOCATION GOOD,R=P	

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<b>H941-3</b>	<b>NGC 4159</b>	<b>Dra</b>	<b>Galaxy S?</b>	<b>EF,PS,R,TRI2*</b>
Mar 06 2003	12.5"	9mmT6	EDIF,EF,ES,AV,SUSP ONLY,LOCATION GOOD,R=P	
<b>H942-3</b>	<b>NGC 4331</b>	<b>Dra</b>	<b>Galaxy Im?</b>	<b>EF,E0</b>
Feb 04 2005	31"	17mmT4	PF,MS,EDGE ON,UB,NND,F* IN TIP,R=F	
<b>H943-3</b>	<b>NGC 5909</b>	<b>UMi</b>	<b>Galaxy S?</b>	<b>VF,VS</b>
Apr 23 2003	12.5"	9mmT6	MF,PS,OVAL,PATCH,SMALL NUC,COMP=5912,R=F	
<b>H944-3</b>	<b>NGC 5912</b>	<b>UMi</b>	<b>Galaxy E?</b>	<b>VF,VS</b>
Apr 23 2003	12.5"	9mmT6	MF,PS,OVAL,PATCH,FNUC,COMP=5909,SLIGHTLY BM,R=F	
<b>H945-3</b>	<b>NGC 6324</b>	<b>UMi</b>	<b>Galaxy S?</b>	<b>VF,S,E,S*S</b>
Jun 21 2003	12.5"	9mmT6	MF,MS,PATCH,UB,NND,SHISB,R=G	
<b>H946-3</b>	<b>NGC 5295</b>	<b>Cam</b>	<b>Galaxy</b>	<b>VF,VS,R</b>
Apr 03 2005	31"	17mmT4	PF,PS,OVAL,SMALL FNUC,R=F	
Feb 04 2005	31"	17mmT4	MF,MS,OVAL,SMALL BNUC,R=F	
<b>H947-3</b>	<b>NGC 5452</b>	<b>UMi</b>	<b>Galaxy SAB(s) d</b>	<b>VF,PL,IR,VGV LBM</b>
May 16 2004	31"	17mmT4	VDIF,VF,PL,OVAL,PATCH,UB,NND,R=P	
<b>H948-3</b>	<b>NGC 5547</b>	<b>UMi</b>	<b>Galaxy Double System</b>	<b>EF,VS,E0</b>
Mar 06 2003	12.5"	9mmT6	EDIF,EF,PS,PATCH,AV,R=P	
<b>H949-3</b>	<b>NGC 5640</b>	<b>Cam</b>	<b>Galaxy Ia</b>	<b>EF,S,LE</b>
Jun 01 2003	12.5"	9mmT6	EDIF,EF,VS,PATCH,AV,SUSP,R=P	
<b>H950-3</b>	<b>NGC 5712</b>	<b>UMi</b>	<b>Galaxy</b>	<b>VF,S,R,S CL P</b>
Jun 01 2003	12.5"	9mmT6	VDIF,VF,VS,PATCH,AV HOLDS,PAIR=IC4470,R=P	
<b>H951-3</b>	<b>NGC 6331</b>	<b>UMi</b>	<b>Galaxy E</b>	<b>EF,S</b>
Jun 21 2003	12.5"	9mmT6	DIF,PF,MS,PATCH,UB,NND,OTHERS PRESENT,R=P	
May 31 2014	36"	17mmT4	MF,MS,OVAL,LFNUC,VERY CLOSE COMP=MAC,CAN SEPERATE,AGC 2256,R=F	
<b>H952-3</b>	<b>NGC 1633</b>	<b>Tau</b>	<b>Galaxy SAB(s) ab</b>	<b>EF,S,R,*8SP,P OFDNEB</b>
Dec 26 2003	31"	17mmT4	MF,PL,PATCH,UB,NND,CLOSE COMP=1634,R=G	
<b>H953-3</b>	<b>NGC 1634</b>	<b>Tau</b>	<b>Galaxy E</b>	<b>EF,VS,F OF DNEB</b>
Dec 26 2003	31"	17mmT4	MB,MS,LARGE BNUC,SHISB,CLOSE COMP=1633,R=G	
<b>H955-3</b>	<b>NGC 270</b>	<b>Cet</b>	<b>Galaxy S0+</b>	<b>PF,VS,IR,PGBM</b>
Oct 13 2007	31"	17mmT4	MB,ML,OVAL,LARGE BNUC,BM,SOMEWHAT HISB MIDDLE,R=F	
<b>H957-3</b>	<b>NGC 6500</b>	<b>Her</b>	<b>Galaxy SAab:</b>	<b>VF,VS,SP OF 2</b>
Jul 03 2003	12.5"	9mmT6	PB,ML,BNUC,SHISB,SBM,SMALL NUC,SLIGHTLY ELONG,PAIR=6501,R=G	
<b>H958-3</b>	<b>NGC 6501</b>	<b>Her</b>	<b>Galaxy SA0+:</b>	<b>VF,VS,NF OF 2</b>
Jul 03 2003	12.5"	9mmT6	PB,ML,BNUC,SHISB,SMALL NUC,PAIR=6500,R=G	
<b>H963-3</b>	<b>NGC 2938</b>	<b>Dra</b>	<b>Galaxy SB(rs) cd</b>	<b>EF,S,IF,D*F3'</b>
Apr 14 2004	31"	17mmT4	DIF,PF,ML,OVAL,PATCH,UB,NND,R=F	
<b>H964-3</b>	<b>NGC 3174</b>	<b>Dra</b>	<b>Galaxy SB(s) ab pec:</b>	<b>CF,S,STELLAR,S*F NR</b>
Mar 06 2003	12.5"	9mmT6	DIF,VF,MS,PATCH,NND,F* OFF TO EDGE,R=P	
<b>H965-3</b>	<b>NGC 3194</b>	<b>Dra</b>	<b>Galaxy S?</b>	<b>VF,VS</b>
Mar 06 2003	12.5"	9mmT6	DIF,PF,MS,OVAL,PATCH,AV,JUMPS OUT WITH AV THEN HOLDS,R=P	
<b>H966-3</b>	<b>NGC 3197</b>	<b>Dra</b>	<b>Galaxy Sbc</b>	<b>VF,VS</b>
Mar 06 2003	12.5"	9mmT6	VDIF,VF,PS,PATCH,NND,R=P	
<b>H968-3</b>	<b>NGC 3500</b>	<b>Dra</b>	<b>Galaxy Sb</b>	<b>VF\$EF,DNEB,V NEAR</b>
Dec 07 2005	31"	17mmT4	MF,MS,OVAL,SMALL FNUC,F* OFF EDGE,R=F	
Feb 05 2005	31"	17mmT4	PF,MS,OVAL,FNUC,F* OFF EDGE,R=F	
Feb 23 2006	31"	17mmT4	MB,ML,R,LARGE FNUC,F* OUTER EDGE,MOD HISB MIDDLE,PAIR=PGC33277,R=G	
<b>H970-3</b>	<b>NGC 3901</b>	<b>Cam</b>	<b>Galaxy Scd:</b>	<b>PF,PL,RESOLVABLE</b>
Feb 04 2005	31"	17mmT4	PF,ML,OVAL,PATCH,UB,NND,F* IN EDGE,R=F	

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<b>H970-3</b>	<b>NGC 3901</b>	<b>Cam</b>	<b>Galaxy Scd:</b>	<b>PF,PL,RESOLVABLE</b>
Feb 04 2005	31"	17mmT4	PF,ML,OVAL,PATCH,UB,NND,F* IN EDGE,R=F	
<b>H972-3</b>	<b>NGC 3471</b>	<b>UMa</b>	<b>Galaxy Sa</b>	<b>VF,S,R,BM</b>
Feb 04 2005	31"	17mmT4	MB,PL,ELONG,LARGE FNUC,MOD HISB MIDDLE,PAIR=PGC33071,R=G	
<b>H973-3</b>	<b>NGC 6068</b>	<b>UMi</b>	<b>Galaxy SBbc?</b>	<b>VF,VS,LE0,R</b>
Jun 01 2003	12.5"	9mmT6	DIF,VF,MS,OVAL,UB,NND,PAIR=6068A,R=F	
<b>H974-3</b>	<b>NGC 6251</b>	<b>UMi</b>	<b>Galaxy E</b>	<b>CF,S,BM,P OF 2</b>
Jun 22 2003	12.5"	9mmT6	PF,MS,PATCH,FNUC,SHISB TOWARDS MIDDLE,SMBM,PAIR=6252,R=F	
<b>H975-3</b>	<b>NGC 6252</b>	<b>UMi</b>	<b>Galaxy S R</b>	<b>VF,VS,F OF 2</b>
Jun 22 2003	12.5"	9mmT6	EDIF,VF,VS,PATCH,NND,AV,PAIR=6251,R=P	
<b>H977-3</b>	<b>NGC 2908</b>	<b>Dra</b>	<b>Galaxy S</b>	<b>EF,VS</b>
Apr 14 2004	31"	17mmT4	DIF,MF,MS,R,UB,NND,F* IN GAL,R=F	
<b>H978-3</b>	<b>NGC 3057</b>	<b>Dra</b>	<b>Galaxy SB(s)dm</b>	<b>EF,PL,VLBM,2S* S</b>
Mar 06 2003	12.5"	9mmT6	EDIF,EF,ES,PATCH,AV,R=P	
<b>H980-3</b>	<b>NGC 3212</b>	<b>Dra</b>	<b>Galaxy SB?</b>	<b>VF,S,2ND OF 3</b>
Feb 04 2005	31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,VF* OFF ONE EDGE,PAIR=3125/MAC,R=F	
<b>H981-3</b>	<b>NGC 3215</b>	<b>Dra</b>	<b>Galaxy S?</b>	<b>VF,S,3RD OF 3</b>
Feb 04 2005	31"	17mmT4	PF,MS,OVAL,PATCH,UB,SOMEWHAT BM,F* ON EDGE,PAIR=3212/MAC,R=F	
<b>H982-3</b>	<b>NGC 2629</b>	<b>UMa</b>	<b>Galaxy SA(r)0^:</b>	<b>VF,S,STELLAR</b>
Feb 01 2005	31"	17mmT4	MB,MS,R,LARGE BNUC,HISB,PAIR=2641,R=G	
<b>H983-3</b>	<b>NGC 2641</b>	<b>UMa</b>	<b>Galaxy S0:</b>	<b>VF,S,STELLAR</b>
Feb 01 2005	31"	17mmT4	MF,MS,R,LARGE FNUC,PAIR=2629,R=F	
<b>H984-3</b>	<b>NGC 7810</b>	<b>Peg</b>	<b>Galaxy S0</b>	<b>PF,STELL,2*NP INLINE</b>
Oct 06 2004	31"	17mmT4	MF,PS,R,SMALL BNUC,F* ON OFF EDGE,PAIR=MAC,R=F	