

Herschel 400 (II) Observations

H1-2	NGC 7184	Aqr	Galaxy SB(r)c	PB,PL,ME64,BET3*,ER
Aug 31 1984	12.5" 24mm	DIF,PF,MS,ELONG,F* IN W TIP,TAPPED-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			
H1-7	NGC 1662	Ori	Open Cluster 9.0 II 3 m	CL OF L\$S SC ST
Sep 06 2002	12.5" 24mm	PB,PL,APROX 15 *S,LOOSLY SCATTERED,STANDS OUT WELL		
H2-2	NGC 7507	Scl	Galaxy E0	PB,CS,R,PSVMBM,*10NP
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		
H2-4	NGC 2261	Mon	Nebula E+R	B,VME330,N COM=*11
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		
H3-4	NGC 2245	Mon	Nebula R	PL,COM,MBN SFALM*
Oct 05 2002	12.5" 9mmT6	PB,PL,DIF NUBULA,CLOSE TO A B*,NEB OFF SET FROM *,MOD HISB		
H3-6	NGC 2269	Mon	Open Cluster 10.0 II 1 p	CL,VMC,NOT RI,ST VS
Oct 05 2002	12.5" 9mmT6	PB,ML,ELONG,* DIFFERENT MAG,APPROX 10-11 MAG		
H5-2	NGC 1032	Cet	Galaxy S0/a sp	PB,S,VLE,BM,3*TRAP
Sep 06 2002	12.5" 9mmT6	PB,PL,HISB,SBM,OVAL,LARGE NUC AREA		
H5-7	NGC 2236	Mon	Open Cluster 12.0 II 2 m	CL,PRI,PC,*10,12..15
Oct 05 2002	12.5" 9mmT6	PB,PL,APPROX 50*S VARIOUS MAG,*S SPIRAL INTO CENTER		
H7-4	NGC 3507	Leo	Galaxy SB(s)b	CF,PL,R,SBMS*,*9ATT
Jan 08 2003	12.5" 9mmT6	VB,VL,BNUC,B*ON EDGE OF GAL,HISB,SMALL CENTRAL REGION		
H7-6	NGC 5053	Com	Globular	CL,VF,PL,IR,VGBM,*15
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			
H7-8	NGC 1663	Ori	Open Cluster IV 2 p c	CL,LRI,ST L\$S
Sep 06 2002	12.5" 9mmT6	PB,ML,APPROX 20*S,305 B*S WITH FAINTER OTHERS,TAKES POWER WELL		
H8-2	NGC 1587	Tau	Galaxy E pec	F,PS,R,R,P OF D NEB
Sep 06 2002	12.5" 9mmT6	PB,PL,OVAL,LARGE NUC,MOD HISB,BM,COMP=1588		
H9-5	NGC 6526	Sgr	Nebula E	F,L,CE
Sep 04 2002	12.5" 24mm	EF,PL,DIF NEBULA,LARGE AREA OF NEB,BARELY DETECTED		
H11-2	NGC 4237	Com	Galaxy SAB(rs)bc	PB,PL,LE,VGBM,R
Mar 22 2004	12.5" 12mmT4	MF,PL,OVAL,LARGE FNUC,SHISB,LOC IN BARRON FOV,R=G		
H13-2	NGC 3705	Leo	Galaxy SAB(r)ab	PF,PL,R,VSMBM,R
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		
H13-4	NGC 6894	Cyg	Planetary Neb 4+2	RINGNEB,F,S,VVLE
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		
H14-4	NGC 6772	Aql	Planetary Neb 3b+2	VF,L,R,VVLBM,R
Jul 10 1981	12.5" 12mm	VDIF,R,LOCATED IN BARREN * FIELD,EF		
H14-5	NGC 6992	Cyg	Nebula E	EF,EL,EE,EIF,BIFID

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H14-5	NGC 6992	Cyg	Nebula E	EF,EL,EE,EIF,BIFID
Sep 04 2002	12.5" 32mm	VB,EEL,SNR,HISB,ARC GOES 2 FOV'S		
H15-3	NGC 3646	Leo	Galaxy Ring	CF,CL,LE,GBM,SP OF 2
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		
H15-5	NGC 6960	Cyg	Nebula E	PB,CL,EIF,KAPPACYGIN
Sep 04 2002	12.5" 32mm	PB,EL,SNR,WHIPS ON BOTH SIDES OF B* EASILY DETECTED,PARTS OF SNR HAVE HISB		
H15-8	NGC 6604	Ser	Open Cluster 7.5 I 3 m n	CL,LRI,LC
Sep 04 2002	12.5" 24mm	VP,PL,*S DIFFERENT MAG,FEW B*S WITH FAINT BACKGROUND GLOW		
H17-2	NGC 4235	Vir	Galaxy SA(s)a sp	PB,PL,PME,BM,P OF 2
Apr 25 1981	12.5" 24mm	DIF,PF,PS,FNUC,F HALO,PAIR/4233/4224		
H18-6	NGC 2309	Mon	Open Cluster 13.0 I 2 m	CL,PL,PRI,MC,ST13
Oct 05 2002	12.5" 9mmT6	PB,PL,SCATERED,NICE IN 9MM,*S APPROX SAME MAG		
H19-4	NGC 2170	Mon	Nebula R	*9 INV,PL,NEB,E170
Oct 05 2002	12.5" 9mmT6	PB,ML,BRT NEB AROUND BRT *,NEB MOD HISB		
H20-1	NGC 3666	Leo	Galaxy SA(rs)c:	F,E90,*6F34S,5'N
Mar 03 1984	12.5" 12mm	DIF,MF,MS,VERY EDGE ON,F*N FROM NUC,SBM		
H21-5	NGC 2359	CMa	Nebula E	VF,VVL,VIF
Dec 19 2006	31" 31mmT5	DIF,MF,EL,OVAL,LARGE PATCHY AREAS OF NEB SCATTERED AMONGST		
Dec 19 2006	31" 31mmT5	*S,PAIR=IC468,R=G		
Dec 28 2008	31" 31mmT5	W/OIII,DIF,MB,VL,OVAL,HISB,BRT PATCHES,FILAMENTS,FILTER HELPS GREATLY,AWSOME,R=E		
Nov 21 2006	12.5" 12mmT4	PB,EL,W/OIII,FINE DETAIL THROUGHOUT,BRT AREAS,BRT EDGES,BRT RIDGES,BEST EVER,R=E		
H21-8	NGC 6800	Vul	Open Cluster 10.0 IV 1 p	CL,VL,PRI,VLC,ST10..
Sep 04 2002	12.5" 24mm	PB,PL,*S APPROX SAME MAG,APROX 30*S		
H22-4	NGC 2467	Pup	Open Cluster I 3 m n	PB,VL,R,ER,*8M
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		
H22-7	NGC 2254	Mon	Open Cluster 12.0 I 1 m	CL,S,PC,IF,*11...13
Oct 05 2002	12.5" 9mmT6	MB,PS,SCATTERED,*S DIFFERENT MAG,NICE IN 9MM		
H23-3	NGC 3524	Leo	Galaxy S0/a	F,S,LE,PSBM,2*NPLINE
Jan 08 2003	12.5" 9mmT6	MB,ML,ELONG,FNUC,SBM,HISB TOWARDS MIDDLE,OVAL,PAIR/PGC33588		
H24-4	NGC 2023	Ori	Nebula R+E	B*IN M OF L,LE NEB
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		
H24-7	NGC 2112	Ori	Open Cluster 10.0 II 2 m n	CL,PL,LRI,PC,ST S
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			
H25-3	NGC 3177	Leo	Galaxy SA(rs)b	CF,S,R,PSBM
Feb 25 1984	12.5" 12mm	DIF,MF,PS,R,BM,NO *S		
Jan 30 1981	12.5" 24mm	DIF,EF,ES		
H26-6	NGC 1605	Per	Open Cluster 12.5 III 1 m	CL,VF,PS,C,ST ES
Aug 10 2002	12.5" 24mm	ML,VF,NOT WELL DEFINED,ROUND IN SHAPE		
H27-3	NGC 3605	Leo	Galaxy E4-5	F,S,R,SP OF 3

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H27-3	NGC 3605	Leo	Galaxy E4-5	F,S,R,SP OF 3
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	
H27-8	NGC 2367	CMa	Open Cluster 9.4 II 3 m	CL,S,P,LC
Nov 21 2006	12.5"	12mmT4	PB,ML,FEW B*S WITH FAINTER *S,APPROX 20*S,V SHAPED,WELL PLACED,R=F	
H28-6	NGC 2259	Mon	Open Cluster 14.0 II 1 p n	CL,CRI,EC,IF,ST ES
Oct 05 2002	12.5"	9mmT6	MF,ML,EXCELLENT,WELL PLACED IN 9MM,*S APPROX SAME MAG	
H28.2-4	NGC 4039	Crv	Galaxy SA(s)m pec	PF,PL
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,OVVAL,PATCH,UB,NND,CLOSE COMP=4038,R=G	
May 03 1981	12.5"	24mm	PAIR/4038,RING TAIL GAL	
H29-6	NGC 7245	Lac	Open Cluster 12.8 II 2 m	CL,C,ST ES
Sep 20 1984	12.5"	24mm	MB,PS,V RICH * FIELD,B*NE SIDE,APPROX 40-50*S WITH FAINT BACKGROUND GLOW	
H29.1-5	NGC 4395	CVn	Galaxy SA(s)m:	EF,VL,NP OF DNEB
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	
H30-5	NGC 1977	Ori	Open Cluster	42ORIONIS\$NEB
Sep 06 2002	12.5"	32mm	VB,PL,APPROX 5 *S ASSOCIATED WITH M43	
H32-3	NGC 5490	Boo	Galaxy E	CF,CS,R,SBMF**
Mar 26 2006	31"	17mmT4	PB,ML,OVVAL,LARGE BNUC,HISB MIDDLE,GMBM,PAIRS=IC982/IC983/OTHERS,R=G	
H32-4	NGC 1700	Eri	Galaxy E4	CB,S,MBM*
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		
H33-1	NGC 4124	Vir	Galaxy SA(r)0+	PB,PL,ME118,BM,R
Apr 25 1981	12.5"	24mm	DIF,PF,PL,ELONG,EDGE ON,FNUC,F HALO	
H34-5	NGC 1990	Ori	Nebula E+R	EL,E,EPSILONORI INVP
Mar 22 2004	12.5"	25mm	DIF,VF,ML,W/OIII HINT OF NEB AROUND BRT * DETECTED,R=P	
H34-7	NGC 1883	Aur	Open Cluster 14.0 II 1 m	CL,VF,PRI,PC,IF
Sep 06 2002	12.5"	9mmT6	PF,PS,APPROX 20*S SAME MAG,V SHAPE,1 B* TO SIDE OF CLUSTER,TAKES POWER WELL	
H35-4	NGC 2610	Hya	Planetary Neb 4+2	F,S,ATTTO*13,*7NF
Dec 28 2008	31"	17mmT4	PB,ML,OVVAL,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,W/OIII,PATCHY,DARK AREAS,OVVAL 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	
H35-8	NGC 2374	CMa	Open Cluster 10.7 IV 2 p	CL,VL,PRI,LC,ST L
Nov 21 2006	12.5"	12mmT4	VB,EL,LOOSE,NOT WELL DEFINED,MANY *S VAR MAG,LITTLE CLUSTERING,FILLS FOV,R=P	
H36-4	NGC 2071	Ori	Nebula R	D*10\$14 W/VF,L CHEV
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	
H36-5	NGC 206	And	Knot in Galaxy	VF,VL,ME0
Aug 10 2002	12.5"	25mm	PB,EL,KNT IN GAL,PATCHY AREA IN MILKY WAY	
H36-6	NGC 2432	Pup	Open Cluster II 2 m	CL,PL,PC,E0,ST L\$S
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	
H36-8	NGC 2396	Pup	Open Cluster 11.0 IV 1 m	CL,VL,VLC
Nov 21 2006	12.5"	12mmT4	VB,VL,APPROX 20*S,LOOSLY SCATTERED,S CLUSTERING,FEW B*S,VARIOUS MAG,R=F	

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H36-8	NGC 2396	Pup	Open Cluster 11.0 IV 1 m	CL,VL,VLC
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	
H37-8	NGC 2414	Pup	Open Cluster 8.2 I 3 m	CL,P,LC,ST9,\$C
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	
H38-4	NGC 2182	Mon	Nebula R	PB**,L*NEB,E90
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	
H38-6	NGC 6804	Aql	Planetary Neb 4+2	CB,S,IR,RRR
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	
H39-5	NGC 3511	Crt	Galaxy SA(s)c	VF,VL,ME
Nov 24 2006	12.5"	12mmT4	MF,VL,ELONG,LARGE FNUC,* IN TIP,PAIR=3513,R=G	
H39-8	NGC 2302	Mon	Open Cluster 12.0 III 2 m	CL,L,P,LC
Oct 05 2002	12.5"	9mmT6	MB,ML,APPROX 30*S,LOOSE	
H40-1	NGC 4941	Vir	Galaxy (R)SAB(r)ab:	PF,L,E,GBMBN,R
Mar 22 2004	12.5"	12mmT4	MF,MS,OVAL,R,SMALL BNUC,HISB MIDDLE,GMBM,R=G	
H40-5	NGC 3513	Crt	Galaxy SB(rs)c	VF,VL,ME
Nov 24 2006	12.5"	12mmT4	DIF,PF,VL,OVAL,PATCH,UB,NND,SOMEWHAT HISB,PAIR=3511,R=F	
H40-8	NGC 2331	Gem	Open Cluster 9.0 IV 2 m	CL,L,VLC,S CL INV
Oct 05 2002	12.5"	32mm	VF,EL,LOOSE OPEN CLUSTER,APPROX 20*S,SAME MAG	
H41-5	NGC 4244	CVn	Galaxy SA(s)cd: sp	PB,VL,EE43,VGBM
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		
H42-2	NGC 3547	Leo	Galaxy Sb:	F,S,LE,VLBM
Mar 03 1984	12.5"	12mm	VDIF,VF,MS,PATCH-OVAL,NND,UB,NO *S	
H43-2	NGC 3162	Leo	Galaxy SAB(rs)bc	PF,CL,R,VGLBM,R,*INV
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	
H43-7	NGC 7419	Cep	Open Cluster 10.0 I 2 m	CL,PRI,CC
Sep 04 2002	12.5"	32mm	PB,ML,FEW B*S WITH GLOW IN BACKGROUND	
H43-8	NGC 1750	Tau	Open Cluster OCL	CL,ST L,VCSC
Mar 22 2004	12.5"	25mm	VB,EL,FEW BRT *S LOOSLY SCATTERED,NOT WELL PLACED,OTHER CLUSTERS DET,R=F	
H44-3	NGC 4647	Vir	Galaxy SAB(rs)c	PF,PL,LE115,NPOFDNEB
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	
H46-2	NGC 3301	Leo	Galaxy SB0-a	CB,S,LE53,PSBM,R
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	
H46-4	NGC 5493	Vir	Galaxy S0 pec sp	PB,VS,R,PSMBM*,*18IN
Apr 26 2003	12.5"	9mmT6	VB,MS,ELONG,BNUC,VERY HISB MIDDLE,VMBM,R=E	

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H46-4	NGC 5493	Vir	Galaxy S0 pec sp	PB,VS,R,PSMBM*,*18IN
Apr 26 2003	12.5" 9mmT6	VB,MS,ELONG,BNUC,VERY HISB MIDDLE,VMBM,R=E		
H47-4	NGC 4915	Vir	Galaxy E0	PB,S,R,BM
Mar 22 2004	12.5" 12mmT4	PB,PS,R,SMALL BNUC,HISB MIDDLE,PAIRS=4918/4890,R=G		
H49-2	NGC 3599	Leo	Galaxy SA0:	B,PS,R,PGMBM
Jan 08 2003	12.5" 9mmT6	DIF,MF,MS,DNUC,R,FACE ON,GMBM,MOD HISB IN MIDDLE,SMALL NUC REGION		
H49-4	NGC 5507	Vir	Galaxy SAB(r)0^	CF,S,R,STELLAR
Apr 26 2003	12.5" 9mmT6	PB,ML,ELONG,FNUC,SOMEWHAT HISB,ROUND SOFT NUC,GBM,PAIR=5506,R=G		
H49-5	NGC 1624	Per	Open Cluster II 1 p n	F,CL,IF,60R7*+NEB
Aug 10 2002	12.5" 24mm	MS,PF,TIGHT GROUPING,STANDS OUT WELL,20"S,RESOLVED		
H50-7	NGC 7067	Cyg	Open Cluster 11.2 II 1 p	CL,P,(NEB)
Sep 04 2002	12.5" 32mm	PB,PS,APPROX 20"S,FAINT PATCH IN CLUSTER		
H50-8	NGC 2252	Mon	Open Cluster 9.0 III 2 m n	CL,VL,PRI,LC,STS
Oct 05 2002	12.5" 24mm	PB,PL,APPROX 50"S SCATTERED AND LOOSE,DIFFERENT MAG		
H51-5	NGC 4236	Dra	Galaxy SB(s)dm	VF,EL,ME160,VGBM
Apr 23 2003	12.5" 9mmT6	DIF,MF,EL,ELONG,PATCH,LARGE,PATCHES DET,H2 REGIONS SUSP,R=G		
H52-4	NGC 7635	Cas	Nebula E	VF,*8INV L EXCENTRIC
Jul 31 1981	12.5" 16mm	VDIF,IRR IN SHAPE,NEB AROUND B*,BUBBLE NEBULA		
H52-5	NGC 3359	UMa	Galaxy SB(rs)c	PB,L,E0,GLBM
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		
H52-7	NGC 7082	Cyg	Open Cluster 9.9 IV 2 p	CL,L,CRI,LC,ST10..13
Sep 04 2002	12.5" 32mm	PB,VL,APROX 20-30 "S,LOC IN RICH * FIELD,DOES NOT STAND OUT WELL		
H53-2	NGC 3659	Leo	Galaxy SB(s)m?	CF,S,LE,R
Mar 03 1984	12.5" 12mm	VDIF,MF,MS,PATCHY,OVAL,NND,UB,NO "S		
H53-8	NGC 6507	Sgr	Open Cluster 12.0 IV 3 m	CL,PS,LRI,LC
Sep 04 2002	12.5" 24mm	MF,PL,APPROX 20-30"S SAME MAG,SOMEWHAT FAINT BACKGROUND GLOW		
H54-7	NGC 2253	Cam	Open Cluster	VF,ST ES
Feb 05 2005	31" 17mmT4	MF,VL,APPROX 20-40"S SAME MAG,LOOSLY SCATTERED,LITTLE CLUSTERING,R=P		
H55-7	NGC 7762	Cep	Open Cluster 11.0 II 2 m	CL,PRI,PC,*11...15
Jul 09 1983	12.5" 24mm	MF,ML,DOESNOT STAND OUT WELL,LOOSE		
H55-8	NGC 6596	Sgr	Open Cluster II 2 m n	CL,LC
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		
H57-7	NGC 2192	Aur	Open Cluster 14.0 II 2 m	CL,CL,C,IF,ST VS
Oct 20 2006	31" 17mmT4	VB,VL,APPROX 50"S SIMILAR MAG,FEW BRTER "S,WELL PLACED,CLUSTERING GOOD,R=G		
H58-8	NGC 6997	Cyg	Open Cluster III 2 m n	CL,P,LC,ST L
Sep 04 2002	12.5" 32mm	VB,EL,APPROX 40"S VARYING IN BRIGHTNESS,WELL PLACED IN 32MM		
H59-1	NGC 2784	Hya	Galaxy SA(s)0^:	B,L,ME64,GMBM
Mar 29 2006	31" 17mmT4	VB,VL,ELONG,LARGE BNUC,HISB MIDDLE,GMBM,PAIRS=MAC"S,R=G		
H60-1	NGC 1332	Eri	Galaxy S(s)0-: sp	VB,S,E114,SMBMN
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			
H61-2	NGC 4294	Vir	Galaxy SB(s)cd	F,L,ME135,BIN,P OF 2
Apr 25 1981	12.5" 24mm	DIF,EF,PS,FARM,PAIR/4299		
H61-8	NGC 1778	Aur	Open Cluster 10.1 III 2 p	CL,PC,LRI,IF,ST L
Sep 06 2002	12.5" 24mm	PB,ML,APPROX 20"S,LOOSLY SCATTERED,"S SIMILAR MAG		

Herschel 400 (II) Observations

H61-8	NGC 1778	Aur	Open Cluster 10.1 III 2 p	CL,PC,LRI,IF,ST L
Sep 06 2002	12.5" 24mm	PB,ML,APPROX 20*S,LOOSLY SCATTERED,*S SIMILAR MAG		
H62-2	NGC 4299	Vir	Galaxy SAB(s)dm:	F,L,LE,VGBM,F OF 2
Apr 25 1981	12.5" 24mm	DIF,EF,ES,FARM,PAIR/4294		
H63-2	NGC 4313	Vir	Galaxy SA(rs)ab: sp	VF,L,E135,R
Apr 26 2003	12.5" 9mmT6	VB,VL,EDGE ON,UB,NND,MOD HISB,R=E		
H63-4	NGC 5204	UMa	Galaxy SA(s)m	PB,CL,IR,GMBM,R
Apr 03 2005	31" 17mmT4	PB,VL,OVAL,UB,NND,SHISB,CLOSE COMP=MAC,PAIRS=MAC,R=G		
H65-4	NGC 2346	Mon	Planetary Neb 3b+4	*10AFF W/ S,VF,NEB
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		
H66-1	NGC 2781	Hya	Galaxy SAB(r)0+	B,S,VLE,PSMBM
Mar 29 2006	31" 17mmT4	PB,VL,ELONG,LARGE BNUC,HISB MIDDLE,BM,R=G		
H69-1	NGC 4902	Vir	Galaxy SB(r)b	PB,PL,IR,ST NR
Mar 22 2004	12.5" 12mmT4	MB,PL,OVAL,LARGE FNUC,SHISB,PAIR=4887,R=G		
H69-2	NGC 4608	Vir	Galaxy SB(r)0^	PB,PL,R,PSBM,R,*NP1'
Jun 04 1981	12.5" 24mm	DIF,MF,PS,DIM HALO,PAIR/4596		
H69-4	NGC 1514	Tau	Planetary Neb 3+2	*9IN NEB3'DIAM
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		
H70-8	NGC 1582	Per	Open Cluster 9.0 IV 2 p	CL,VL,PRI,LC,ST L
Aug 10 2002	12.5" 25mm	EL,VB,30-40*S,LOOSLY SCATTERED,MAG 7-9		
H71-1	NGC 5812	Lib	Galaxy E0	CB,S,R,SVMBM
May 02 1981	12.5" 16mm	VB,VS,BNUC		
H72-1	NGC 3254	LMi	Galaxy SA(s)bc	CB,L,ME45,PSMBMN
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		
H72-4	NGC 6888	Cyg	Nebula E	F,VL,VME,**ATT
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		
H74-4	NGC 7023	Cep	Nebula R	*7IN EF,EL,NEBY
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		
H74-8	NGC 7031	Cyg	Open Cluster 11.3 III 2 m	CL OF TRIP ST,LC
Sep 04 2002	12.5" 32mm	PB,PL,FEW B*S WITH MANY F*S,ELONG IN SHAPE		
H75-4	NGC 7129	Cep	Nebula IV 2 p n	CF,PL,GBM***
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		
H76-2	NGC 5970	Ser	Galaxy SB(r)c	PF,PL,R,RR
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		
H76-8	NGC 6991	Cyg	Open Cluster 5.7 III 2 n	CL,L,P,VLC

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H76-8	NGC 6991	Cyg	Open Cluster 5.7 III 2 n	CL,L,P,VLC
Sep 04 2002	12.5" 32mm	VB,EL,APROX 50*S,*S SIMILAR IN BRIGHTNESS,RICH * FIELD		
H77-2	NGC 3338	Leo	Galaxy SA(s)c	F,CL,E,VGBM,*7P10S
Dec 03 1980	12.5" 24mm	DIF,MF,PL,B* CLOSE BY,FACE ON,UB,R		
Feb 25 1984	12.5" 12mm	DIF,PB,VL,DIM HALO,PAIR/3346		
Jan 30 1981	12.5" 24mm			
H77-4	NGC 1325	Eri	Galaxy SA(s)bc	F,ME239,COM,*9.5ATT
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		
H81-8	NGC 6793	Vul	Open Cluster III 2 p	CL,P,LC
Sep 04 2002	12.5" 24mm	PB,PL,LOOSELY SCATTERED,*S APPROX SAME MAG		
H83-2	NGC 4152	Com	Galaxy SAB(rs)c	PB,PL,R,PGMBM,R
Feb 27 1982	12.5" 16mm	VDIF,VF,VS,PATCHY,OVAL,SBM		
H83-3	NGC 4880	Vir	Galaxy SA(r)0+:	CF,PL,R,VGLBM,R
Mar 22 2004	12.5" 12mmT4	MF,MS,OVAL,PATCH,LARGE VFNUC,SBM,R=F		
H84-8	NGC 1348	Per	Open Cluster 8.5 III 2 m	CL,LRI,ST L
Aug 10 2002	12.5" 25mm	PB,PL,* VARYING IN MAGNITUDE,GROUPED NICELY		
H85-1	NGC 5012	Com	Galaxy SAB(rs)c	PF,CL,E17,BIN,*9F
Mar 22 2004	12.5" 12mmT4	MF,MS,ELONG,PATCH,UB,SHISB,R=F		
H85-2	NGC 4340	Com	Galaxy SB(r)0+	PB,S,R,PSBM
Feb 12 1983	12.5" 24mm	MB,PS,DNUC,SBM,OVAL,PAIR/4350		
H87-2	NGC 4379	Com	Galaxy S0- pec:	PS,R,PSBMN
Mar 22 2004	12.5" 12mmT4	PF,MS,R,LARGE BNUC,SHISB,HISB MIDDLE,GMBM,R=G		
H94-3	NGC 4343	Vir	Galaxy SA(rs)b:	PF,S,E,(D)
Apr 26 2003	12.5" 9mmT6	MB,ML,OVAL,SOMEWHAT HISB,LARGE BRT CENTRAL AREA,R=G		
H102-2	NGC 3596	Leo	Galaxy SAB(rs)c	PF,L,R,GLBM
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		
H105-2	NGC 4168	Vir	Galaxy E2	PB,PL,IF,PSBM,R,*INV
Apr 26 2003	12.5" 9mmT6	VB,PL,R,BNUC,VERY HISB,LARGE NUC AREA,R=E		
H106-2	NGC 4189	Com	Galaxy SAB(rs)cd?	F,L,LE,VGLBM,R
Apr 25 1981	12.5" 24mm	PB,PS,DNUC,2F*S TO W		
H108-2	NGC 4212	Com	Galaxy SAc:	B,L,E107,G,SBM,R
Feb 27 1982	12.5" 16mm	DIF,MF,PL,B*S,PATCH-OVAL,NND,UB		
H111-2	NGC 4298	Com	Galaxy SA(rs)c	F,L,E,VGBM,P OF 2
Apr 26 2003	12.5" 9mmT6	VB,VL,R,UB,NND,MOD HISB,BRT * ON EDGE,PAIR=4302,R=E		
H112-2	NGC 4302	Com	Galaxy Sc	L,VME177,F OF 2
Apr 26 2003	12.5" 9mmT6	PB,PL,EDGE ON,PATCH,UB,NND,SOMEWHAT HISB,PAIR=4298,R=E		
H118-1	NGC 3430	LMi	Galaxy SAB(rs)c	PB,L,IE,GBM,2ND OF 3
Jan 08 2003	12.5" 9mmT6	PB,PL,OVAL,HISB,UB,NND,PAIR/3424/3413		
H120-1	NGC 3887	Crt	Galaxy SB(r)bc	PB,L,IR,VGPMBM
Apr 26 2006	31" 17mmT4	MB,VL,OVAL.LARGE FNUC,PATCHY AREAS,DARK AREAS,MINATURE M33,R=E		
H120-3	NGC 5605	Lib	Galaxy (R')SAB(rs)c p:	VF,PL,R,VGBM
May 02 1981	12.5" 16mm	DIF,VF,PL,DIM HALO		
H121-3	NGC 5595	Lib	Galaxy SAB(rs)c	F,PL,R,VGBM,P OF 2
May 02 1981	12.5" 16mm	DIF,PF,PL,ELONG,FNUC,PAIR/5597		
H122-1	NGC 1637	Eri	Galaxy SAB(rs)c	CB,L,R,VGBM
Oct 30 1981	12.5" 12mm	MB,PL,F*NE EDGE,SPR STR SUSP,STELL NUC,R,FACE ON		

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H122-1	NGC 1637	Eri	Galaxy SAB(rs)c	CB,L,R,VGBM
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		
H122-3	NGC 5597	Lib	Galaxy SAB(s)cd	VF,L,VLE,VGLBM,F OF2
May 02 1981	12.5" 16mm	DIF,VF,PS,FAINT HALO,PAIR/5595		
H125-1	NGC 4586	Vir	Galaxy SA(s)a: sp	PB,L,E,PSBM
Jun 04 1981	12.5" 24mm	DIF,PF,PL,ELONG,FAINT HALO		
H125-2	NGC 4639	Vir	Galaxy SAB(rs)bc	PB,S,E,R,*12SF1'
Mar 27 1982	12.5" 12mm	DIF,MB,PS,CLOSE TO 4654,R,SBM,F*N EDGE		
H127-1	NGC 5813	Vir	Galaxy E1-2	B,PS,R,PSMBM
Mar 19 2004	12.5" 12mmT4	PF,MS,OVAL,SMALL FNUC,SBM,PAIR=5814,R=F		
H129-2	NGC 5020	Vir	Galaxy SAB(rs)bc	CF,CL,VLE,LBM
Mar 22 2004	12.5" 12mmT4	VF,ML,OVAL,R,VERY FAINT SMALL NUC OR * NUC,R=F		
H131-1	NGC 3672	Crt	Galaxy SA(s)c	PB,L,E0,GBM
Apr 26 2006	31" 17mmT4	MB,PL,OVAL,PATCH,UB,SOMEWHAT PATCHY IN MIDDLE,MOD HISB,ONESIDE TAPPERED,R=E		
H132-1	NGC 2855	Hya	Galaxy (R)SA(rs)0/a	PB,PL,R,GMBMN
Mar 29 2006	31" 17mmT4	VB,VL,R,LARGE BNUC,FAINT HALO,SOMEWHAT HISB MIDDLE,R=G		
H133-1	NGC 4742	Vir	Galaxy E4:	PB,VS,VBMN=*11,*10SF
Mar 22 2004	12.5" 12mmT4	MF,PS,R,SMALL BNUC,SHISB,HISB MIDDLE,GMBM,R=G		
H134-3	NGC 5523	Boo	Galaxy SA(s)cd:	F,PL,PME90,*10NP
May 06 1981	12.5" 24mm	DIF,VF,ML,EDGE ON,FAINT HALO		
H136-2	NGC 4224	Vir	Galaxy SA(s)a: sp	PB,PS,LE,GBM,R
Apr 25 1981	12.5" 24mm	DIF,PF,PS,FNUC,F HALO,PAIR/4233/4235		
H138-1	NGC 5061	Hya	Galaxy E0	VB,S,R,VSMBM,*1OF
Apr 26 2006	31" 17mmT4	VB,ML,R,LARGE BNUC,HISB,GMBM,BM,PAIR=MAC,R=E		
H138-2	NGC 4260	Vir	Galaxy SB(s)a	PB,E,PSBM
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		
H140-2	NGC 4264	Vir	Galaxy SB(rs)0+	F,PS,R,GBM
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,PARIS=NGC/PGC'S,R=G		
H141-3	NGC 6907	Cap	Galaxy SBbc	CF,CL,VLE,VGLBM,3STP
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		
H143-2	NGC 4339	Vir	Galaxy E0	B,PL,R,BM,3RD OF 3
Apr 25 1981	12.5" 24mm	DIF,PF,PS,FNUC		
H143-3	NGC 6717	Sgr	Globular	F,S,RR,CL+NEB
Sep 04 2002	12.5" 9mmT6	PB,ML,B* CLOSE BY,VF* IN EDGE OF GAL,HISB,2 HALVES OR PARTS DETECTED		
H144-3	NGC 6857	Cyg	Nebula HII	F,AM MILKY WAY ST
Jul 24 1981	12.5" 12mm	DIF,3 OR 4 F*'S IN NEB,PATCHY		
H147-3	NGC 23	Peg	Galaxy SB(s)a	3S*+NEB
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		
H148-2	NGC 4612	Vir	Galaxy (R)SAB0^	PB,S,R,PSMBM
Jun 04 1981	12.5" 16mm	PF,PS,BNUC,FAINT HALO,BY 12 MAG *,PAIR/4623		

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H148-2	NGC 4612	Vir	Galaxy (R)SAB0^	PB,S,R,PSMBM
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		
H150-3	NGC 604	Tri	Knot in Galaxy	B,VS,R,VVLBM
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		
H151-2	NGC 6106	Her	Galaxy SA(s)c	F,PL,LE,VGBM,R
Feb 27 1982	12.5" 16mm	EDIF,VF,MS,NND,PATCHY-OVAL,SOMEWHAT HISB		
H152-1	NGC 821	Ari	Galaxy E6?	PB,VS,VLE,SVMBM,*NP
Oct 22 1982	12.5" 24mm	SAME		
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		
H152-3	NGC 1012	Ari	Galaxy S0/a?	F,PS,IR,BM,ST INV
Oct 23 1982	12.5" 16mm	DIF,MF,MS,OVAL,F* IN S PART,12MM: ELONG N TO S,NND,UB,MOD HISB		
H157-1	NGC 672	Tri	Galaxy SB(s)cd	F,PL,ME80
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 THROUGHOUT,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		
H158-1	NGC 1600	Eri	Galaxy E3	PB,PL,R,GMBM
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		
H158-2	NGC 4519	Vir	Galaxy SB(rs)d	F,PL,R,BM,R
May 03 1981	12.5" 24mm	DIF,PF,PL,FARM		
H158-3	NGC 499	Psc	Galaxy S0-	PB,PL,R,3RD OF 3
Sep 04 2002	12.5" 9mmT6	PB,ML,OVAL,GBM,MOD HISB,OTHER GALAXIES PRESENT		
H159-2	NGC 3681	Leo	Galaxy SAB(r)bc	B,PS,R,BM
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		
H162-3	NGC 1060	Tri	Galaxy S0-:	F,PL,R,LBM,*F46S,3'S
Aug 10 2002	12.5" 9mmT6	MF,ML,PATCHY,OVAL,VF* ON EDGE OF GAL,SBM,COMP,1 OF 3		
H166-1	NGC 4369	CVn	Galaxy (R)SA(rs)a	CB,S,R,MBMN,R
Jan 26 1982	12.5" 16mm	DIF,MF,PS,DNUC,*S SEVERAL GAL DIA,R,MBM,NUC DET,DIF HALO AROUND NUC		
H166-2	NGC 4267	Vir	Galaxy SB(s)0-?	PB,VS,R,VSMBM
Apr 25 1981	12.5" 24mm	PF,PS,FNUC,DIM HALO		
H169-3	NGC 513	And	Galaxy S?	F,S,STELLAR
Aug 10 2002	12.5" 9mmT6	PF,PS,EDGE ON,BNUC,MOD HISB,BM,B* CLOSE BY		
H174-1	NGC 4062	UMa	Galaxy SA(s)c	PB,VL,ME97,VGBM
Apr 26 2003	12.5" 9mmT6	VB,VL,ELONG TO OVAL,UB,VERY HISB,VF* OFF NUC,R=E		
H177-2	NGC 5600	Boo	Galaxy Sc pec	PB,PS,GBM
May 06 1981	12.5" 24mm	DIF,MB,PS,NND,BRT HALO		

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H177-2	NGC 5600	Boo	Galaxy Sc pec	PB,PS,GBM
May 06 1981	12.5" 24mm	DIF,MB,PS,NND,BRT HALO		
H177-3	NGC 925	Tri	Galaxy SAB(s)d	CF,CL,E,VGBM,2*13NP
Aug 22 1980	12.5" 24mm	SAME,2F*S N, 1F* IN SOUTHERN PART		
Aug 25 1982	12.5" 16mm	EDIF,EF		
Jul 24 1980	12.5" 24mm	B*S IN GAL		
Sep 10 1980	12.5" 24mm			
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		
H181-1	NGC 5383	CVn	Galaxy (R')SB(rs)b: p	CB,CL,R,GBM
Jan 28 1982	12.5" 16mm	DIF,MB,ML,FNUC,F*NE SIDE,SBM,R,SPR STR SUSP		
H182-2	NGC 4691	Vir	Galaxy (R)SB(s)0/a pec	PB,PL,E90,MBM
Mar 27 1982	12.5" 12mm	MF,MS,ELONG,BRT BAR WITH DIF HALO,NND,HISB ALONG EQ PLANE		
H183-1	NGC 5750	Vir	Galaxy SB(r)0/a	PF,PS,VLE,R
Apr 26 2006	31" 17mmT4	MB,PL,OVAL,R,SMALL BNUC,SPRIAL ARMS DET,PATCHY AREAS,BM,SHISB MIDDLE,R=E		
H184-1	NGC 5728	Lib	Galaxy SAB(r)a:	PF,PL,PME45,MBM,*10S
May 02 1981	12.5" 16mm	PB,PL,ELONG ,BNUC,DIM HALO		
H189-2	NGC 4981	Vir	Galaxy SAB(r)bc	B,PL,R,*10SF1'
Mar 22 2004	12.5" 12mmT4	MF,ML,SMALL BNUC,B* ON EDGE,HISB MIDDLE,GMBM,R=G		
H190-2	NGC 4928	Vir	Galaxy SA(s)bc pec	F,PS,VLE,GLBM
Mar 22 2004	12.5" 12mmT4	MF,MS,R,UB,SHISB,R=F		
H190-3	NGC 7832	Psc	Galaxy E+	VF,VS,R,VGPSMBM,2*SF
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		
H192-2	NGC 5861	Lib	Galaxy SAB(rs)c	F,L,E,R
May 02 1981	12.5" 16mm	DIF,PF,VL,DIM HALO,FAINT GAL TO S		
H193-2	NGC 5077	Vir	Galaxy E3-4	PB,S,VLE,SBM,2ND OF3
Apr 26 2006	31" 17mmT4	VB,MS,R,LARGE BNUC,HISB,COMP=MAC,BM,F* OFF NUC,PAIRS=5079/5076/MAC,R=G		
H194-2	NGC 5548	Boo	Galaxy (R')SA(s)0/a	CF,PS,R,VSVMBM*
May 06 1981	12.5" 24mm	MF,ES,DNUC,ONLY CENTRAL PART OF GAL SEEN		
H196-1	NGC 4138	CVn	Galaxy SA(r)0+	B,PL,E,VGBM,*NP
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		
H204-1	NGC 2639	UMa	Galaxy (R)SA(r)a:?	CB,S,E130,PSMBM
Dec 03 1980	12.5" 24mm			
Mar 15 1985	12.5" 16mm	PF,PS,ELONG,SBM,NO **S,FORMS TRI WITH 2 OTHER **S		
H207-1	NGC 4096	UMa	Galaxy SAB(rs)c	PB,VL,ME32
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			
H208-1	NGC 4157	UMa	Galaxy SAB(s)b? sp	PF,CL,VME60,(DOUBLE)
Apr 23 2003	12.5" 9mmT6	VF,EL,EDGE ON,BNUC,MOD HISB,DUST LANE SUSP,RES 7331,CENTRAL BULGE,R=E		
H209-1	NGC 4220	CVn	Galaxy SA(r)0+	CB,PL,PME134,PSBM
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		
H209-2	NGC 214	And	Galaxy SAB(r)c	PF,PS,GVLBM,R
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		

Herschel 400 (II) Observations

H209-2	NGC 214	And	Galaxy SAB(r)c	PF,PS,GVLBM,R
Sep 23 1981	12.5" 16mm	BARREN * FIELD,DIF WITH V LITTLE BRIGHTNESS IN MIDDLE,PF,PS		
H209-3	NGC 7042	Peg	Galaxy Sb	VF,S,R
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		
H210-2	NGC 315	Psc	Galaxy E+:	PB,PL,R,GBM,*9NF3'
Sep 04 2002	12.5" 9mmT6	PB,PL,OVAL,F* IN GAL EDGE,GMBM,HISP,PAIR/311/318		
H210-3	NGC 7463	Peg	Galaxy SABb: pec	VF,S,LE,P OF 2
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		
H211-3	NGC 7465	Peg	Galaxy (R')SB(s)0^:	VF,VS,FOF 2
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		
H212-2	NGC 7457	Peg	Galaxy SA(rs)0-?	CB,CL,LE,GMBM,R,2S*N
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		
H217-1	NGC 1579	Per	Nebula R	PB,VL,IR,MBM,*8 2'NF
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		
H220-2	NGC 410	Psc	Galaxy E+:	PB,PL,NF OF 2
Sep 04 2002	12.5" 9mmT6	PB,PL,OVAL,GBM,MOD HISB,PAIR/407/414		
H223-3	NGC 171	Cet	Galaxy SB(r)ab	VF,PL,LE,2PB*SF
Sep 24 1981	12.5" 16mm	EXT DIF,EF,VS,BLURR,FORMS EQ TRIANGLE WITH *S SAME MAGNITUDE		
H225-2	NGC 890	Tri	Galaxy SAB(r)0-?	B,S,R,BM,3F*SP
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		
H232-1	NGC 5485	UMa	Galaxy SA0 pec	CB,R,VGBM,F OF 2
Mar 06 2003	12.5" 9mmT6	PB,PL,PATCH,MOD HISB,SGBM,PAIR/5486/5484,R=G		
Mar 27 1981	12.5" 24mm			
H233-2	NGC 7332	Peg	Galaxy S0 pec sp	CB,S,ME156,SMBMN,P-2
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		

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H233-2	NGC 7332	Peg	Galaxy S0 pec sp	CB,S,ME156,SMBMN,P-2
Sep 18 1982	12.5" 16mm	MB,ML,EDGE ON,BNUC,GMBM,TAPPERED,PAIR/7339		
Sep 21 1984	12.5" 12mm	SAME,NO *S		
H235-1	NGC 5585	UMa	Galaxy SAB(s)d	PF,L,IR,VGMBM,R
Jun 01 2003	12.5" 9mmT6	VDIF,VF,VL,OVAL,PATCH,NND,PATCH AREA'S IN VARIOUS PARTS DETECTED,R=F		
H238-2	NGC 1003	Per	Galaxy SA(s)cd	PF,L,E90,MBM,R
Aug 17 1982	12.5" 16mm	DIF,PF,MS,ELONG,F* IN EASTERN PART,NND,PATCHY		
H239-2	NGC 1161	Per	Galaxy S0	F,PS,LE,SBM
Aug 17 1982	12.5" 16mm	MF,PS,BNUC,2B*S JUST OFF TO W TIP,R,GBM,MOD HISB,PAIR/1160		
H240-2	NGC 7814	Peg	Galaxy SA(s)ab: sp	CB,CL,E,VGBM
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		
H245-1	NGC 3642	UMa	Galaxy SA(r)bc:	PB,PL,R,VGBM
Mar 15 1985	12.5" 16mm	DIF,PF,PS,OVAL-PATCHY,SBM		
H245-3	NGC 1187	Eri	Galaxy SB(r)c	PF,CL,PME,GBM*16,R
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			
H246-1	NGC 3683	UMa	Galaxy SB(s)c?	CB,PL,E
Mar 15 1985	12.5" 16mm	DIF,PF,PS,ELONG,UB,NND,NO *S,COMP TO NW = 3674		
H246-3	NGC 1353	Eri	Galaxy SB(rs)b:	PB,CL,IE,MBM
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		
H247-2	NGC 7177	Peg	Galaxy SAB(r)b	PB,PS,R,BMN,R,*SP
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		
H252-2	NGC 514	Psc	Galaxy SAB(rs)c	F,L,LE,VGLBM,**F
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		
H253-2	NGC 660	Psc	Galaxy SB(s)a pec	PB,PL,E,BM,R
Sep 04 2002	12.5" 9mmT6	DIF,MF,PL,IRR IN SHAPE,KNTS SUSP,NND,PATCH		
H254-1	NGC 4605	UMa	Galaxy SB(s)c pec	B,L,VME118,GLBM
Mar 26 2006	31" 17mmT4	EB,VL,ELONG,UB,HISB PATCHES DET,* OFF ONE SIDE,CENTRAL BULGE,R=E		
H255-1	NGC 5308	UMa	Galaxy S0- sp	B,PL,ME57,PSBMBEN
Apr 03 2005	31" 17mmT4	PF,PL,EDGE ON,LARGE BNUC,HISB MIDDLE,DUST SUSP,TAPPERED ENDS,BULGE,R=E		
H255-2	NGC 7742	Peg	Galaxy SA(r)b	CB,CS,GMBM,*12F72"
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		
H255-3	NGC 3156	Sex	Galaxy S0:	F,CS,R,PSBM,*9,10SF2
Nov 24 2006	12.5" 12mmT4	PB,ML,ELONG,OVAL,SMALL BNUC,MOD HISB,R=G		
H258-1	NGC 1491	Per	Nebula E	VB,S,IF,BM,R,*INV

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H258-1	NGC 1491	Per	Nebula E	VB,S,IF,BM,R,*INV
Aug 10 2002	12.5" 25mm	PB,PL,MOD HISB,IRR IN SHAPE,BRT NEBULA,LARGE PATCH		
H260-1	NGC 2880	UMa	Galaxy SB0-	B,CS,R,MBM,AM ST
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		
H262-1	NGC 3682	Dra	Galaxy SA(s)0/a:?	CB,S,IR,SPMBMN
Apr 03 2005	31" 17mmT4	PB,MS,ELONG,LARGE BNUC,HISB MIDDLE,R=G		
H264-1	NGC 4250	Dra	Galaxy SAB(r)0+	PB,S,R,PGBM
Feb 04 2005	31" 17mmT4	PB,ML,R,LARGE BNUC,HISB MIDDLE,GMBM,R=G		
H264-2	NGC 2139	Lep	Galaxy SAB(rs)cd	F,S
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		
H265-2	NGC 2196	Lep	Galaxy (R')SA(s)a	PF,PS,VLE,PMBM,ST NR
Dec 03 1980	12.5" 24mm			
Oct 05 2002	12.5" 9mmT6	DIF,PF,PL,FNUC,OVAL,SBM		
H268-2	NGC 3078	Hya	Galaxy E2-3	PB,S,R,MBM
Mar 29 2006	31" 17mmT4	MB,MS,OVAL,LARGE BNUC,* OFF NUC,GMBM,HISB MIDDLE,R=G		
H269-2	NGC 3585	Hya	Galaxy E6	B,PL,E,VSMBMN,2B*TRI
Mar 29 2006	31" 17mmT4	VB,VL,OVAL,LARGE BNUC,MHISB,GMBM,HISB MIDDLE,R=G		
H270-2	NGC 718	Psc	Galaxy SAB(s)a	PB,S,IR,PSMBM
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		
H271-2	NGC 741	Psc	Galaxy E0:	PF,S,R,POF2,POS102
Sep 24 1981	12.5" 16mm	DIF,MF,PS,COMP TO N SUSP,JUST W OF B * 3 GAL DIA,BARELY BM,CLASS E1		
H271-3	NGC 2283	CMa	Galaxy SB(s)cd	3OR4S*+NEB
Oct 05 2002	12.5" 9mmT6	DIF,PB,ML,F* ON BOTH ENDS,STELL NUC, OVAL,PATCH		
H273-2	NGC 1070	Cet	Galaxy Sb	PF,S,IR,GBM
Sep 06 2002	12.5" 9mmT6	PB,PL,LARGE CENTRAL BULGE,GBM,MOD HISB		
H275-1	NGC 4291	Dra	Galaxy E	PB,VS,R,LBM,3*F
Feb 04 2005	31" 17mmT4	PB,MS,OVAL,SMALL BNUC,MOD HISB,2*S 90 DEG ON EDGE,PAIRS=4319/PGC39763/MAC,R=G		
H276-1	NGC 4319	Dra	Galaxy SB(r)ab	PB,PS,VLE,SBM
Feb 04 2005	31" 17mmT4	PB,ML,OVAL,SMALL FNUC,SHISB,* OFF EDGE,GMBM,PAIRS=4291/PGC39763/MAC,R=G		
H276-2	NGC 4045	Vir	Galaxy SBa	PF,L,R,SBM,*SF
Apr 26 2003	12.5" 9mmT6	MB,ML,OVAL,BNUC,MOD HISB,LARGE BRT NUC,R=G		
H277-2	NGC 4073	Vir	Galaxy E+	F,PS,R,PGBM,NP OF 2
Apr 26 2003	12.5" 9mmT6	PB,ML,OVAL,BNUC,MOD HISB,SMALL BRT NUC,MANY COMP,FOV RICH IN GAL,R=G		
H278-1	NGC 4133	Dra	Galaxy SABb:	PB,CL,R,GMBM
Mar 06 2003	12.5" 9mmT6	DIF,R,PATCH,UB,R=F		
H279-2	NGC 1507	Eri	Galaxy SB(s)m pec?	VF,PL,ME,VLBM,ER
Oct 30 1981	12.5" 12mm	DIF,PF,ML,EDGE ON,SLIGHTLY HISB,NND,F*E,2*S W 1 GAL DIA,EDGES TAPPERED		
H283-2	NGC 636	Cet	Galaxy E3	PB,VS,R,MBM,R
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		
H284-2	NGC 1035	Cet	Galaxy SA(s)c?	PF,L,ME,R,*17ATT SF
Sep 18 1980	12.5" 24mm			
Sep 27 1981	12.5" 16mm	DIF,MF,MS,EDGE ON,14* S ARM,NND,OBLONG,UB		

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H284-2	NGC 1035	Cet	Galaxy SA(s)c?	PF,L,ME,R,*17ATT SF
Sep 27 1981	12.5" 16mm	DIF,MF,MS,EDGE ON,14* S ARM,NND,OBLONG,UB		
H291-2	NGC 1421	Eri	Galaxy SAB(rs)bc:	F,CL,ME0,R
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			
H292-2	NGC 1832	Lep	Galaxy SB(r)bc	PB,IR,MBM,C*NF1'
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			
H295-2	NGC 4024	Crv	Galaxy SAB0-	F,VS,IF,BM
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		
H301-2	NGC 4984	Vir	Galaxy (R)SAB(rs)0+	B,PL,R,PSMBM
Mar 22 2004	12.5" 12mmT4	MB,ML,R,LARGE BNUC,SHISB,HISB MIDDLE,GMBM,R=G		
H304-2	NGC 2316	Mon	Nebula E+R	PF,S,R,R,S ST INV
Oct 05 2002	12.5" 9mmT6	ELONG,MOD HISB,DIF NEBULA,APPEARS AS AN IRR GALAXY		
H306-3	NGC 5056	Com	Galaxy Scd:	CF,CS,R,SP OF 2
Mar 22 2004	12.5" 12mmT4	VF,MS,PATCH,UB,NND,PAIR=5057,R=P		
H309-2	NGC 5426	Vir	Galaxy SA(s)c pec	PF,CL,R,GMBM,SP OF 2
Apr 26 2006	31" 17mmT4	MF,MS,ELONG,LARGE FNUC,PATCHY,IRR IN SHAPE,FAINT HALO,PAIR=5427,R=G		
H311-2	NGC 2986	Hya	Galaxy E2	PB,PS,IR,MBM
Mar 29 2006	31" 17mmT4	MB,ML,OVAL,LARGE BNUC,* IN EDGE,MOD HISB MIDDLE,GMBM,PAIR=PGC27873/MAC,R=G		
H312-2	NGC 5068	Vir	Galaxy SAB(rs)cd	F,L,IR,BM
Apr 26 2006	31" 17mmT4	DIF,MF,PL,PATCH,NND,H2 REGION FROM NUC,PATCHY ARMS,LARGE AREA OF FAINT HALO,R=F		
H313-2	NGC 5084	Vir	Galaxy S0 sp	CB,CS,VLE90,BF
Apr 26 2006	31" 17mmT4	MB,ML,EDGE ON,LG BNUC,TAPPERED ENDS,MOD HISB MID,CENTRAL BULGE,PAIR=PGC46489,R=E		
H314-2	NGC 5134	Vir	Galaxy SA(s)b?	F,PS,LE,VGBM
Apr 26 2006	31" 17mmT4	MB,MS,ELONG,LARGE BNUC,SOMEWHAT HISB MIDDLE,R=G		
H321-2	NGC 4136	Com	Galaxy SAB(r)c	F,VL,VGMBM
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		
H333-2	NGC 3065	UMa	Galaxy SA(r)0^	PF,VS,R,BM,*11NR
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		
H336-2	NGC 3516	UMa	Galaxy (R)SB(s)0^:	PB,VS,IR,PSMBM*
Mar 15 1985	12.5" 12mm	PF,PS,R,BM,F* CLOSE BY SEVERAL GAL DIA		
H339-2	NGC 3689	Leo	Galaxy SAB(rs)c	PB,PL,LE,BM
Mar 03 1984	12.5" 12mm	MF,MS,ELONG,SBM,CIGAR SHAPE		
H358-2	NGC 3274	Leo	Galaxy SABd?	F,PL,R,GLBM,D* F
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		
H358-3	NGC 4169	Com	Galaxy S0	F,S,1ST OF 4
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		
H373-2	NGC 4185	Com	Galaxy Sbc	CF,L,R,GBM

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H373-2	NGC 4185	Com	Galaxy Sbc	CF,L,R,GBM
Feb 27 1982	12.5" 16mm	VDIF,VF,ML,F*SW EDGE,NND,UB,R,FACE ON		
H378-2	NGC 4310	Com	Galaxy SB0	F,CL,LE,N OF 2
Apr 26 2003	12.5" 9mmT6	MB,ML,OVAL,PATCH,UB,SOMEWHAT HISB,R=G		
H406-2	NGC 4336	Com	Galaxy SB0/a	VF,PL,IR,(BIN)
Apr 26 2003	12.5" 9mmT6	VB,PL,OVAL,UB,VERY HISB,R=E		
H413-2	NGC 4956	CVn	Galaxy S0	PB,CS,R,SMBM
Mar 22 2004	12.5" 12mmT4	R,LARGE BNUC,SBM,SOMEWHAT HISB MIDDLE,R=F		
H413-3	NGC 5445	CVn	Galaxy S0?	F,*13P
Feb 25 1982	12.5" 16mm	VDIF,VF,VS,ELONG,F*S EDGE,NND,CIGAR SHAPE,B* OFF NE,PAIR/5444		
H414-3	NGC 5529	Boo	Galaxy Sc: sp	CF,PL,VME110,VGVMBM
Mar 26 2006	31" 17mmT4	PB,VL,EDGE ON,UB,NND,LARGE CENTRAL REG,SLIGHT BULGE IN MIDDLE,PAIR=P50952,R=E		
H416-2	NGC 5440	CVn	Galaxy Sa	PF,CS,LE,BM,*11SP
Feb 25 1982	12.5" 16mm	VDIF,PS,MF,ELONG,FNUC,NND,F*S TIP,UB,SMBM		
H417-2	NGC 5444	CVn	Galaxy E+:	PB,PL,IVLE,VSMBM
Jan 28 1982	12.5" 16mm	MF,PS,BNUC,R,GBM,F* OFF TO S,PAIR/5445		
H417-3	NGC 5590	Boo	Galaxy S0	CF,S,R,BM*,SF OF 2
Mar 26 2006	31" 17mmT4	PB,ML,R,LBNUC,FAINT HALO,SMBM,HISB MIDDLE,MOD HISB,PAIR=5589/PGC51285,R=G		
H418-2	NGC 5533	Boo	Galaxy SA(rs)ab	PB,R,VSMBM,20R3*INV
May 06 1981	12.5" 24mm	DIF,VF,PL,FAINT HALO		
H430-2	NGC 7541	Psc	Galaxy SB(rs)bc: pec	B,L,ME97,MBM,NF OF 2
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		
H431-2	NGC 7600	Aqr	Galaxy S0- sp	CF,S,R,PSMBM
Jul 10 1981	12.5" 16mm	SOMEWHAT EDGE ON,DIF,PF,PS,FAINT HALO		
H433-2	NGC 337	Cet	Galaxy SB(s)d	PF,L,E,GLBM,*10F21S
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		
H434-2	NGC 357	Cet	Galaxy SB(r)0/a:	F,S,IR,SBM,*14NF20"
Sep 27 1981	12.5" 16mm	DIF,MF,PS,OVAL,SBM,BRT H-2 REGIONS SUSP,PATCHY-DUSTY,F* SE		
H434-3	NGC 991	Cet	Galaxy SAB(rs)c	VF,CL,IF,VLBM
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		
H435-3	NGC 7623	Peg	Galaxy SA0^:	F,VS,R,PSBM
Sep 27 1981	12.5" 16mm	VDIF,MF,PS,NNS,R,DIF HALO,4 COMP GAL		
H439-2	NGC 7619	Peg	Galaxy E	CB,PS,R,PSBM
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		
H440-2	NGC 7626	Peg	Galaxy E pec:	CB,PS,R,PSBM
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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H440-2	NGC 7626	Peg	Galaxy E pec:	CB,PS,R,PSBM
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	
H449-3	NGC 1114	Eri	Galaxy SA(r)c	PF,PL,PME,GLBM
Sep 06 2002	12.5" 9mmT6	EDIF,PF,PL,ELONG,UB,NND		
H452-3	NGC 7156	Peg	Galaxy SAB(rs)cd:	F,PL,R,BM,R
Aug 10 2002	12.5" 9mmT6	VDIF,VF,PL,OVAL,UB,NND		
H453-3	NGC 1762	Ori	Galaxy SA(rs)c:	VF,VS
Sep 06 2002	12.5" 9mmT6	DIF,PF,MS,OVAL,STELL NUC,SBM,MOD HISB		
H455-3	NGC 1073	Cet	Galaxy SB(rs)c	VF,L,LBM,ER
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		
H461-3	NGC 24	Sci	Galaxy SA(s)c	VF,CL,ME,GBM
Sep 04 2002	12.5" 16mm	PB,PL,EDGE ON,UB,MOD HISB,F* IN EDGE OF GAL		
H465-2	NGC 1090	Cet	Galaxy SB(rs)bc	VF,PL,IR,BM
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		
H466-2	NGC 1087	Cet	Galaxy SAB(rs)c	PB,CL,LE,MBM
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		
H467-2	NGC 7562	Psc	Galaxy E2-3	CB,PS,IR,PSBM
Sep 04 2002	12.5" 16mm	PF,PS,OVAL,GMBM,LARGE NEC AREA,PAIR/7562A/7557		
H468-2	NGC 7785	Psc	Galaxy E5-6	PB,PS,IR,PSBM,R,*8P
Sep 27 1981	12.5" 16mm	MF,MS,BNUC,NE OF 1 B*,HISB,GMBM		
H469-3	NGC 1162	Eri	Galaxy E:	F,R,GLBM,STELLAR
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		
H478-2	NGC 151	Cet	Galaxy SBbc	PF,PL,LE90,VGLBM
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		
H480-2	NGC 217	Cet	Galaxy S0/a: sp	F,S,LE90,GLBM
Sep 04 2002	12.5" 9mmT6	MB,PL,EDGE ON,TAPPERED,UB,LARGE CENTRAL BULGE		
H480-3	NGC 4241	Vir	Galaxy SA(s)0+:	VF,L,VGBM,*7S
Apr 26 2003	12.5" 9mmT6	PB,PL,ELONG TO OVAL,BNUC,MOD HISB,PAIR/4165/4164,R=E		
H488-2	NGC 1045	Cet	Galaxy SA0- pec?	F,S,R,BM
Sep 06 2002	12.5" 9mmT6	DIF,PB,PL,OVAL PATCH,SBM,SOMEWHAT HISB		
H492-2	NGC 3067	Leo	Galaxy SAB(s)ab?	PB,PL,E106,GBM,*94'P
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		
H494-2	NGC 3424	LMi	Galaxy SB(s)b:?	PF,PL,LE,SP OF 3
Jan 08 2003	12.5" 9mmT6	PB,ML,EDGE ON,STRUCTURE SUSP,DUST,F* IN EDGE,HISP,PAIR/3430/3413		
H496-2	NGC 4233	Vir	Galaxy S0^	PF,R,VSBMSN
Apr 25 1981	12.5" 24mm	DIF,PS,PS,FNUC,F HALO,PAIR/4224/4235		
H500-3	NGC 1779	Eri	Galaxy (R')SAB(r)0/a?	PB,S,R,GPMBM

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H500-3	NGC 1779	Eri	Galaxy (R')SAB(r)0/a?	PB,S,R,GPMBM
Sep 06 2002	12.5"	9mmT6	PB,ML,MOD HISB IN MIDDLE,OVAL PATCH,LARGE NUC	
H502-2	NGC 1172	Eri	Galaxy E+:	PF,PL,R,PSBM
Oct 24 1981	12.5"	12mm	VDIF,PF,VS,BARELY VISIBLE IN 24MM,SMALL,R-OVAL,SMBM,NUC SUSP	
H503-2	NGC 1199	Eri	Galaxy E3:	CB,PS,IR,SMBM
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	
H504-2	NGC 1209	Eri	Galaxy E6:	B,S,CE,PSBM
Oct 24 1981	12.5"	12mm	DIF,MF,PS,NEC DET,R,SIM TO 1199	
H510-2	NGC 5037	Vir	Galaxy SA(s)a:	CF,PS,VLE,BM
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	
H511-2	NGC 5044	Vir	Galaxy E0	PB,PL,R,BM
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	
H517-2	NGC 4904	Vir	Galaxy SB(s)cd	PB,PS,R,BM
Mar 22 2004	12.5"	12mmT4	PF,MS,OVAL,PATCH,LARGE FNUC,SBM,R=F	
H518-3	NGC 3145	Hya	Galaxy SB(rs)bc	F,PL,R,VGSLBM
Mar 29 2006	31"	17mmT4	MB,PL,ELONG,OVAL,LARGE SOFT NUC,GMBM,R=G	
H520-2	NGC 2765	Hya	Galaxy S0	VF,PL,E,GBM,ER
Mar 29 2006	31"	17mmT4	PB,PL,ELONG,SMALL BNUC,SHISB,DUST LANE SUSP,R=G	
H521-2	NGC 3611	Leo	Galaxy SA(s)a pec	PF,CS,IR,PSMBM,*NP3'
Mar 03 1984	12.5"	12mm	DIF,VF,VS,FNUC,R,BM,B* TO W	
H524-2	NGC 1618	Eri	Galaxy SB(r)b:	F,S,IF,LBM,2*SF
Sep 06 2002	12.5"	9mmT6	VDIF,BF,PL,ELONG,PATCH,KEEP B* OUT OF FOV,UB,PAIR/1622/1625	
H532-3	NGC 3693	Crt	Galaxy (R')SA(r)b:	CF,S,E,GBM
Apr 26 2006	31"	17mmT4	MF,ML,EDGE ON,LARGE BNUC,MBM,FAINT TOWARDS ENDS,R=G	
H537-2	NGC 4999	Vir	Galaxy SB(r)b	CF,PL,R,LBM,ER
Mar 22 2004	12.5"	12mmT4	MF,MS,OVAL,PATCH,NND,LOCATED IN BARRON FOV,VF* IN GAL,SOMEWHAT BM,R=F	
H539-2	NGC 5806	Vir	Galaxy SAB(s)b	CB,CL,E165,SBMN
Mar 19 2004	12.5"	12mmT4	DIF,VF,MS,ELONG,UB,NND,R=F	
H540-2	NGC 5831	Vir	Galaxy E3	PB,S,MBM
Mar 19 2004	12.5"	12mmT4	MF,MS,OVAL,LARGE BNUC,SMBM,SHISB MIDDLE,R=F	
H542-2	NGC 5838	Vir	Galaxy SA0-	PB,PS
Mar 19 2004	12.5"	12mmT4	MF,MS,OVAL,LARGE BNUC,HISB MIDDLE,R=G	
H543-2	NGC 5850	Vir	Galaxy SB(r)b	CF,S,LE,PSBM
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	
H544-2	NGC 5854	Vir	Galaxy SB(s)0+ sp	PB,S,VLE,LBM,AM ST
Mar 19 2004	12.5"	12mmT4	MF,MS,ELONG,LARGE FNUC,SBM,R=F	
H550-2	NGC 3636	Crt	Galaxy E0	F,VS,R,LBM,*7F,P OF2
Nov 24 2006	12.5"	12mmT4	MB,MS,R,LARGE BNUC,B* IN FOV,GBM,MOD HISB MIDDLE,PAIR=3637,R=G	
H551-2	NGC 3637	Crt	Galaxy (R)SB(r)0^	F,VS,R,PSBM,*7P,FOF2
Nov 24 2006	12.5"	12mmT4	MB,MS,R,LARGE BNUC,B* IN FOV,BGM,MOD HISB MIDDLE,PAIR=3636,R=G	
H552-2	NGC 3732	Crt	Galaxy SB0-a	F,S,R,PSBM,*14SP
Apr 26 2006	31"	17mmT4	PB,ML,R,LARGE BNUC,HISB MIDDLE,BMBM,R=G	

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H552-2	NGC 3732	Crt	Galaxy SB0-a	F,S,R,PSBM,*14SP
Apr 26 2006	31"	17mmT4	PB,ML,R,LARGE BNUC,HISB MIDDLE,BMBM,R=G	
H553-2	NGC 3892	Crt	Galaxy SB(rs)0+	PB,PL,R,GBM,R
Apr 26 2006	31"	17mmT4	PB,ML,R,LARGE BNUC,BRT INNER REGION,HISB MIDDLE,GMBM,PAIRS=MAC'S,R=G	
H553-3	NGC 6070	Ser	Galaxy SA(s)cd	F,L,PME,VGBM,R
May 31 1981	12.5"	16mm	DIF,PB,PL,ELONG,BRT HALO	
H554-3	NGC 5775	Vir	Galaxy Sbc? sp	F,PS,VME148,GVLBM
Apr 26 2006	31"	17mmT4	VB,EL,EDGE ON,NND,1/2 BRT THAN OTHER,DUST LANE SUSP,PATCHY,BROKEN AREAS,PAIR,R=E	
H555-2	NGC 2889	Hya	Galaxy SAB(rs)c	PF,PS,VLE,VGLBM,R
Mar 29 2006	31"	17mmT4	MB,ML,R,LARGE FNUC,GMBM,SOMEWHAT HISB,R=G	
H555-3	NGC 6548	Her	Galaxy SB0	CF,S,LE,R
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	
H561-2	NGC 4939	Vir	Galaxy SA(s)bc	PB,L,R,GMBM
Mar 22 2004	12.5"	12mmT4	MF,MS,PATCH.LARGE FNUC,SBM,R=F	
H566-2	NGC 5078	Hya	Galaxy SA(s)a: sp	PB,PS,CE,PSBM,*7,8F
Apr 26 2006	31"	17mmT4	PB,ML,EDGE ON,LARGE BNUC,SHARP ENDS,CENTRAL BULGE,HISB MIDDLE,PAIR=IC879,R=G	
H568-2	NGC 4270	Vir	Galaxy S0	PB,S,R
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	
H574-2	NGC 5668	Vir	Galaxy SA(s)d	F,PS,VLE,*14INV
Apr 26 2006	31"	17mmT4	PB,PL,R,UB,NND,SHISB,R=G	
H578-3	NGC 1207	Per	Galaxy SA(rs)b	CF,VS,R,PSB INNPPEND
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	
H579-2	NGC 5560	Vir	Galaxy SB(s)b pec	PF,CL,E,GBM
Apr 26 2003	12.5"	9mmT6	DIF,PF,VL,ELONG,UB,PATCH,NND,PAIR/5566/5569,R=F	
H581-2	NGC 5638	Vir	Galaxy E1	CB,PL,R,SF OF 2
Apr 26 2003	12.5"	9mmT6	VB,ML,R,BNUC,MOD HISB,SOFT NUC,GBM,PAIR=5636,R=G	
H585-2	NGC 5864	Vir	Galaxy SB(s)0^? sp	PF,CS,ILE,GBM,*14F
Apr 26 2006	31"	17mmT4	PB,ML,ELONG,LARGE BNUC,MHISB,* OFF EDGE,CENTRAL BULGE,HISB MIDDLE,BM,GMBM,R=G	
H588-2	NGC 665	Psc	Galaxy (R)S0^?	F,S,LE,BM,R
Sep 04 2002	12.5"	9mmT6	PB,PL,GBM,MOD HISB,OVAL	
H593-2	NGC 1400	Eri	Galaxy SA0-	CB,PS,R,PSMBM
Oct 24 1981	12.5"	12mm	MB,ML,BNUC,R,PAIT/1407	
Oct 31 1980	12.5"	24mm	PAIR/1407	
Sep 09 1980	12.5"	24mm		
H596-2	NGC 706	Psc	Galaxy Sbc?	F,S,BM,*13N1'
Sep 04 2002	12.5"	9mmT6	DIF,PB,PL,PATCH,UB,F* OFF ONE SIDE	
H598-2	NGC 7377	Aqr	Galaxy SA(s)0+	PB,S,VLE,VGMBM,*12P
Jul 10 1981	12.5"	16mm	R,BM,DIF HALO	
H600-2	NGC 7640	And	Galaxy SB(s)c	CF,L,ME164,VLBM,R
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	
H602-3	NGC 4571	Com	Galaxy SA(r)d	VF,L,E,VGBM,*9NF NR

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H602-3	NGC 4571	Com	Galaxy SA(r)d	VF,L,E,VGBM,*9NF NR
Mar 22 2004	12.5" 12mmT4	DIF,VF,VL,OVAL,PATCH,UB,NND,SOMEWHAT BM,R=F		
H607-2	NGC 1175	Per	Galaxy SA(r)0+	F,CL,E
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		
H608-2	NGC 1193	Per	Open Cluster 14.0 I 2 m	F,CL,ER
Aug 10 2002	12.5" 9mmT6	PF,PS,TIGHT GROUPING,*S SIMILAR MAGNITUDE		
H615-2	NGC 2274	Gem	Galaxy E	F,S,BM
Oct 05 2002	12.5" 9mmT6	PB,PL,BNUC,R-OVAL,LARGE NUC,MOD HISB,PAIR/2275		
H619-2	NGC 1156	Ari	Galaxy IB(s)m	PB,CL,PME0,BET2*
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		
H620-2	NGC 1169	Per	Galaxy SAB(r)b	PF,PS,IF,SBM
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		
H622-2	NGC 428	Cet	Galaxy SAB(s)m	F,L,R,BM,ER
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		
H628-2	NGC 4312	Com	Galaxy SA(rs)ab: sp	PB,CL,E,GBM
Apr 26 2003	12.5" 9mmT6	MB,PL,EDGE ON,UB,SOMEWHAT HISB,CENTRAL PART OF GAL HISB,TIPS FAINTER,R=G		
H633-2	NGC 1058	Per	Galaxy SA(rs)c	PF,CL,R,GLBM
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		
H637-3	NGC 6058	Her	Planetary Neb 3+2	PF,VS,R,STELLAR
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 *		
H639-2	NGC 3158	LMi	Galaxy E3:	CB,CS,R,PSBM,R
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		
H645-2	NGC 4914	CVn	Galaxy E	PB,CS,R,SMBM,*17NP
Jan 28 1982	12.5" 16mm	EEDIF,VF,PS,OVAL,SMB		
H648-3	NGC 4359	Com	Galaxy SB(rs)c? sp	CF,PME90,VLBM
Mar 22 2004	12.5" 12mmT4	PF,ML,ELONG,SMALL BNUC,SHISB,HISB MIDDLE,GMBM,R=E		
H650-2	NGC 5899	Boo	Galaxy SAB(rs)c	CB,PL,PME,SMBMN
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		
H653-2	NGC 5129	Vir	Galaxy E	PB,VS,R,GMBM,**F
Apr 26 2006	31" 17mmT4	MB,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,PAIRS=PGC'S,R=G		
H664-2	NGC 5023	CVn	Galaxy Scd: sp	PF,L,ME20,VLBM
Jan 28 1982	12.5" 16mm	VDIF,VF,MS,VERY EDGE ON,SPIKE LIKE		
H665-2	NGC 5103	CVn	Galaxy S?	PB,CS,E
Jan 28 1982	12.5" 16mm	DIF,PF,PS,B*N,F*NE,SBM,MOD HISB		

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H665-2	NGC 5103	CVn	Galaxy S?	PB,CS,E
Jan 28 1982	12.5" 16mm	DIF,PF,PS,B*N,F*NE,SBM,MOD HISB		
H676-3	NGC 5520	Boo	Galaxy Sb	F,S,LE,STELLAR
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		
H687-2	NGC 5506	Vir	Galaxy Sa pec sp	PB,L,E20,LBM
Apr 26 2003	12.5" 9mmT6	MB,PL,ELONG TO EDGE ON,UB,NND,PAIR=5507,R=G		
H690-2	NGC 6155	Her	Galaxy S?	F,PS,IF,GBM
Feb 27 1982	12.5" 16mm	DIF,VF,MS,OVAL,MOD HISB,NND		
H691-2	NGC 5448	UMa	Galaxy (R)SAB(r)a	PB,CL,VME90,SMBMN
Nov 24 2006	12.5" 12mmT4	MB,PL,ELONG,PATCH,UB,NND,SOMEWHAT HISB,R=G		
H691-3	NGC 5791	Lib	Galaxy E6:	PF,S,R,STELLAR
May 02 1981	12.5" 16mm	DIF,VF,PS,FAINT HALO		
H692-2	NGC 5480	UMa	Galaxy SA(s)c:	F,PS,VGBM,NP OF 2
Mar 06 2003	12.5" 9mmT6	DIF,MB,PL,R,PATCH,SBM,LARGER THAN COMP,PAIR/5481,R=F		
H692-3	NGC 7171	Aqr	Galaxy SB(rs)b	VF,CL,E124,VGBM
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			
H693-2	NGC 5481	UMa	Galaxy E+	F,VS,SMBM,STELL,SF-2
Mar 06 2003	12.5" 9mmT6	DIF,MB,ML,R,PATCH,*NUC,PAIR/5480,R=F		
H694-2	NGC 5602	Boo	Galaxy Sa	PF,PS,LE,MBM
Jun 01 2003	12.5" 9mmT6	MF,MS,OVAL,FNUC,SHISB,SMALL NUC,R=F		
H695-2	NGC 5660	Boo	Galaxy SAB(rs)c	PB,L,IR,VGBM
May 06 1981	12.5" 24mm	DIF,PB,PL,BRT HALO		
H695-3	NGC 896	Cas	Nebula E	EF,PL,IF
Sep 06 2002	12.5" 9mmT6	PF,EL,BRT NEBULA,FAINT HINT OF BRIGHT AREA COMPARED TO BACKGROUND,LOCATION GOOD		
H696-3	NGC 7139	Cep	Planetary Neb 3b	VF,CS,R,R
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		
H700-3	NGC 3319	UMa	Galaxy SB(rs)cd	CF,L,IE,MB,S OF M
Mar 15 1985	12.5" 24mm	EDIF,EF,MS,OVAL,UB,*S OFF TO ONE SIDE		
H702-2	NGC 7392	Aqr	Galaxy SA(s)bc	PB,PS,LE120,MBM
Jul 10 1981	12.5" 24mm	NO BRT TOWARDS CENTER,SEEMS TO BE A WHISP IN THE S ARM,MF,MS,DIF		
H704-2	NGC 1184	Cep	Galaxy S0/a	F,PL,ME
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		
H705-2	NGC 7354	Cep	Planetary Neb 4+3b	PLN,B,S,R,PGVLBM
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		
H709-3	NGC 2500	Lyn	Galaxy SB(rs)d	F,L,R,VGBM,R,AM ST
Jan 08 2003	12.5" 9mmT6	MB,VL,FARMS,STELL NUC,F* IN EDGE OF ARM,R-OVAL,SPR STR SUSP		
H710-3	NGC 2541	Lyn	Galaxy SA(s)cd	F,L,E,VGBM
Jan 08 2003	12.5" 9mmT6	EDIF,VF,VL,LARGE OVAL PATCH UB,F* IN GAL EDGE,STELL NUC SUSP		
H716-2	NGC 5371	CVn	Galaxy SBbc	PB,L,R,BMFN

Herschel 400 (II) Observations

H716-2	NGC 5371	CVn	Galaxy SBbc	PB,L,R,BMFn
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		
H717-3	NGC 4100	UMa	Galaxy (R')SA(rs)bc	PB,VL,VME161,VGVLBM
Apr 26 2006	31" 17mmT4	PB,PL,SBNUC,MHISB,VERY SMALL BRT STELLAR LIKE NUC,UB THROUGHOUT,R=E		
H724-3	NGC 5087	Vir	Galaxy SA0:	CF,VS,IF
Apr 26 2006	31" 17mmT4	PB,ML,ELONG,OVVAL,LARGE BNUC,HISB MIDDLE,R=G		
H727-3	NGC 6239	Her	Galaxy SB(s)b pec?	VF,E,BIN,NPSF
Feb 25 1982	12.5" 16mm	EDIF,MF,MS,F*N SEVERAL GAL DIA,SBM,OVVAL,NUC SUSP		
Mar 27 1982	12.5" 16mm	VDIF,VF,MS,PATCHY,UB,NND		
H728-2	NGC 3583	UMa	Galaxy SB(s)b	PB,PL,R,VGMBM
Mar 15 1985	12.5" 12mm	PB,MS,R,SBM,MOD HISB,B*S AROUND OBJECT		
H733-2	NGC 4013	UMa	Galaxy S_b sp	B,CL,ME62,VSVMBM*10
Apr 26 2006	31" 17mmT4	VB,EL,ELONG,PATCH,VB* CENTER OF NUC,12TH MAG,SS?,LARGE CENTRAL BULGE,SHISB,R=E		
H736-3	NGC 5878	Lib	Galaxy SA(s)b	PB,PL,PME0,PSMBM
May 02 1981	12.5" 16mm	DIF,PF,VL,EDGE ON,FNUC,MOD FAINT HALO		
H739-3	NGC 6015	Dra	Galaxy SA(s)cd	VF,PL,R,VGBM
Jul 09 1983	12.5" 16mm	MB,PL,OVVAL,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,OVVAL,F* TO N SIDE,SPR STR SUPS,14MAG *		
Jun 01 2003	12.5" 9mmT6	MB,VL,ELONG,OVVAL,NND,SHISB,F*S IN TIP,CIGAR SHAPE,CENTRAL BULGE,R=G		
Jun 20 1980	12.5" 24mm			
H741-2	NGC 4047	UMa	Galaxy (R)SA(rs)b:	PB,PS,R
Apr 26 2003	12.5" 9mmT6	MB,ML,OVVAL,BNUC,MOD HISB,R=G		
H742-2	NGC 4248	CVn	Galaxy I0? sp	VF,S,PME,PSBM
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,OVVAL,PATCH,UB,NND,F* IN GAL BY NUC,PAIRS=M106/4231/4232,R=F		
H744-3	NGC 6814	Aql	Galaxy SAB(rs)bc	PF,PL,R,BM,R
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		
H746-2	NGC 5018	Vir	Galaxy E3:	CB,S,R,MBMPBN
Mar 22 2004	12.5" 12mmT4	PB,ML,OVVAL,LARGE BNUC,SHISB,HISB MIDDLE,GMBM,PAIR=5022,R=G		
H746-3	NGC 2347	Cam	Galaxy (R')SA(r)b:	VF,S,R,LBM
Feb 01 2005	31" 17mmT4	PB,VL,OVVAL,LARGE FNUC,SOFT GLOW,R=G		
Sep 18 1980	12.5" 24mm			
H747-2	NGC 4144	UMa	Galaxy SAB(s)cd? sp	PF,CL,VME109,VGBM
Mar 22 2004	12.5" 12mmT4	MF,PL,EDGE ON,SHISB,SB TOWARDS BAR,CENTRAL BULDGE,R=E		
H748-2	NGC 4217	CVn	Galaxy S_b sp	PF,L,ME45,**N,P OF 2
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			
H748-3	NGC 2366	Cam	Galaxy Irr	VF,PL,MBM,CVEDTAILS
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			
H750-3	NGC 2493	Lyn	Galaxy SB0	CB,S,R,SBM

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H750-3	NGC 2493	Lyn	Galaxy SB0	CB,S,R,SBM
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	
H753-2	NGC 6181	Her	Galaxy SAB(rs)c	PB,PL,VLE,PGMBM
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		
H754-2	NGC 5582	Boo	Galaxy E	PB,PS,R,BMFN,*SP
Mar 29 2006	31"	17mmT4	PB,PL,R,LARGE BNUC,HISB MIDDLE,GMBM,R=G	
H757-2	NGC 5879	Dra	Galaxy SA(rs)bc:?	CB,S,E,MBMRN,R
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	
H766-2	NGC 5985	Dra	Galaxy SAB(r)b	PB,CL,IE,R
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		
H767-2	NGC 6340	Dra	Galaxy SA(s)0/a	CF,PL,R,VGMBM
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	
H769-2	NGC 2339	Gem	Galaxy SAB(rs)bc	PB,PL,R,GLBM
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	
H775-2	NGC 3652	UMa	Galaxy Scd?	PF,CL,LE,VGBM
Apr 26 2006	31"	17mmT4	MF,PL,OVAL,LARGE FNUC,MOD HISB MIDDLE,SOME PATCHY AREAS DET,PAIR=MAC,R=G	
H776-2	NGC 4487	Vir	Galaxy SAB(rs)cd	F,VL,ER
May 01 1981	12.5"	24mm	DIF,EF,PL,FARM	
H784-2	NGC 3756	UMa	Galaxy SAB(rs)bc	PF,L,LE
Mar 15 1985	12.5"	16mm	PF,PL,OVAL,MOD HISB,UB,PAIR/3738	
H787-3	NGC 5447	UMa	Knot in Galaxy	PB,S,R,GMBM,CONNM101
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	
H789-3	NGC 5462	UMa	Knot in Galaxy	PB,PL,IR,GBM,CONNM101
Mar 08 2010	31"	17mmT4	MB,MS,ELONG,UB,KNOT IN GAL,RECTANGULAR 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	
H799-2	NGC 5443	UMa	Galaxy SB(s)b?	PF,L,E
Mar 06 2003	12.5"	9mmT6	PB,ML,OVAL,PATCH,SOMEWHAT HISB,F* IN EDGE,SBM,R=G	
H804-2	NGC 4271	UMa	Galaxy S0-:	PB,PL,IF
Feb 04 2005	31"	17mmT4	PB,MS,OVAL,LARGE BNUC,F* OFF ONE SIDE,ANOTHER OFF END,MOD HISB MID,PAIR=MAC,R=G	
H805-2	NGC 4290	UMa	Galaxy SB(rs)ab:	PB,L,R,GMBM
Feb 04 2005	31"	17mmT4	PB,ML,OVAL,SMALL BNUC,SHISB,HISB MIDDLE,BM,PAIR=4284,R=G	

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H805-2	NGC 4290	UMa	Galaxy SB(rs)ab:	PB,L,R,GMBM
Feb 04 2005	31"	17mmT4	PB,ML,OVAL,SMALL BNUC,SHISB,HISB MIDDLE,BM,PAIR=4284,R=G	
H808-2	NGC 5687	Boo	Galaxy S0-?	PF,S,IF,RESOLVA,*10F
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	
H821-2	NGC 2415	Lyn	Galaxy Im?	PB,CS,R,VGVLBM,R,
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	
H827-2	NGC 5430	UMa	Galaxy SB(s)b	PB,S,IE,MBM
Mar 06 2003	12.5"	9mmT6	MB,PL,OVAL,PATCH,*NUC,R=F	
H828-2	NGC 2756	UMa	Galaxy Sb	PB,PS,E,VGBM
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	
H829-2	NGC 3669	UMa	Galaxy SBcd: sp	VF,PL,PME135,ER
Apr 03 2005	31"	17mmT4	MF,PL,EDGE ON,UB,NND,NO NUC,NO CENTRAL BULGE,R=E	
H845-2	NGC 3668	UMa	Galaxy Sbc	F,PS,IR,GBM,*9NP
Apr 03 2005	31"	17mmT4	PB,PL,OVAL,R,SMALL BNUC,COMP NOT DET,VF* IN EDGE,GBM,HISB MIDDLE,FARM SUSP,R=G	
H846-2	NGC 4256	Dra	Galaxy SA(s)b: sp	PB,L,CE38,BMBN
Feb 04 2005	31"	17mmT4	PB,ML,EDGE ON,SMALL BNUC,CENTRAL BULGE,HISB MIDDLE,BM,DUST SUSP,R=E	
H853-3	NGC 3073	UMa	Galaxy SAB0-	VF,S,VGLBM
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	
H857-2	NGC 198	Psc	Galaxy SA(r)c	F,S,VGBM
Sep 04 2002	12.5"	9mmT6	DIF,PF,VL,OVAL PATCH,PAIR/200/194	
H865-2	NGC 4105	Hya	Galaxy E3	PF,PS,R,PSBM,R,P OF2
Mar 29 2006	31"	17mmT4	VB,VL,OVAL,LARGE BNUC,GMBM,HISB,PAIR=4106,R=G	
H869-3	NGC 125	Psc	Galaxy (R)SA0+ pec:	VF,S,BM,D*SP
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	
H875-2	NGC 6166	Her	Galaxy E+2 pec	PF,S,VLE,VGMBM
Feb 27 1982	12.5"	16mm	VDIF,VF,MS,R,PATCHY,SBM,OVAL	
H877-3	NGC 2525	Pup	Galaxy SB(s)c	CF,PL,R,VGVLBM,AM ST
Dec 03 1980	12.5"	24mm		
H878-2	NGC 6824	Cyg	Galaxy SA(s)b:	PB,IF,BM
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	
H878-3	NGC 2805	UMa	Galaxy SAB(rs)d	VF,L,R,MBM
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	
H879-2	NGC 3622	UMa	Galaxy S?	PB,S,R,GBM
Apr 03 2005	31"	17mmT4	MF,MS,OVAL,UB,NND,SHISB,R=G	
H882-2	NGC 3225	UMa	Galaxy Scd:	CF,PL,LE,VGBM
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	
H897-2	NGC 7218	Aqr	Galaxy SB(rs)cd	PB,LE,R

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H897-2	NGC 7218	Aqr	Galaxy SB(rs)cd	PB,LE,R
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			
H898-2	NGC 3107	Leo	Galaxy Sbc:	PF,PL,IR,*8NP 112"
Jan 08 2003	12.5" 9mmT6	MB,MS,OVAL,MOD HISB,B*CLOSE BY,UB		