

## Herschel 400 (II) Observations

<b>H1-2</b>	<b>NGC 7184</b>	<b>Aqr</b>	<b>Galaxy SB(r)c</b>	<b>PB,PL,ME64,BET3*,ER</b>
Oct 07 2010	31"	17mmT4	PB,VL,EL,BSNUC,GRAD BM,MHISB CNTR,R=G	
Sep 06 2002	12.5"	9mmT6	VB,VL,EL,HISB CNTR,L CNTR BULGE,F* BOTH ENDS	
Aug 31 1984	12.5"	24mm	DIF,PF,MS,EL,F* IN W TIP,TAPERED-CIGAR SHAPE	
Jul 10 1981	12.5"	16mm	DIF,MB,ML,EDGE ON,FNUC,DIM HALO	
Sep 10 1980	12.5"	24mm		
Sep 09 1980	12.5"	24mm	BM,EDGE ON	
<b>H1-7</b>	<b>NGC 1662</b>	<b>Ori</b>	<b>Open Cluster II 3 m</b>	<b>CL OF L\$\$ SC ST</b>
Nov 13 2020	36"	55mm	(II 2 p),EB,EL,WELL PRESENTED IN FOV,~20*S VAR MAG,STANDS OUT,*S IN PAIRS OF 2,(1:55am),R=F	
Sep 06 2002	12.5"	24mm	PB,PL,APROX 15 *S,LOOSLY SC,STANDS OUT WELL	
<b>H2-2</b>	<b>NGC 7507</b>	<b>Sci</b>	<b>Galaxy E0</b>	<b>PB,CS,R,PSVMBM,*10NP</b>
Sep 27 1981	12.5"	16mm	MB,MS,BNUC,MBM,R,HISB IN CNTR NUC,NUC DET,F* OFF TO W	
Sep 09 1980	12.5"	16mm	BNUC	
<b>H2-4</b>	<b>NGC 2261</b>	<b>Mon</b>	<b>Brt Nebula E+R</b>	<b>B,VME330,N COM=*11</b>
Mar 04 2021	36"	17mmT4	(Lb 1),DIF,VB,VL,W/OIII,NEB MORE DETAILED,GRAN,(10:25pm),R=E	
Mar 04 2021	36"	31mmT5	(Lb 1),DIF,VB,ML,W/O OIII,V SHARP 'V' SHAPE WITH BGN/BL * AT POINT,BEST VIEW TO DATE,SOFT DET IN NEB,TAIL FADES AWAY,(10:23pm),R=EE	
Oct 05 2002	12.5"	9mmT6	PB,ML,TRIANGLE SHAPE,F* AT HEAD,COMET LIKE,NEB UB,MHISB	
Oct 31 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm	COMET LIKE APP,NICE	
<b>H3-4</b>	<b>NGC 2245</b>	<b>Mon</b>	<b>Brt Nebula R</b>	<b>PL,COM,MBN SFALM*</b>
Mar 05 2021	36"	31mmT5	(Lb 1),DIF,MB,MS,W/UHC,* ON EDGE,NEB 'U' SHAPED,SOME GRAN,OIII DARKENS FOV,F* IN EDGE BTR,N2247 CLOSE,(10:00pm),R=FG	
Oct 05 2002	12.5"	9mmT6	PB,PL,DIF NUBULA,CLOSE TO A B*,NEB OFF SET FROM *,MHISB	
<b>H3-6</b>	<b>NGC 2269</b>	<b>Mon</b>	<b>Open Cluster II 1 p</b>	<b>CL,VMC,NOT RI,ST VS</b>
Oct 05 2002	12.5"	9mmT6	PB,ML,EL,* DIFF MAG,~10...11 MAG	
<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,LNUC AREA	
<b>H5-4</b>	<b>NGC 4517</b>	<b>Vir</b>	<b>Galaxy SA(s)cd: sp</b>	<b>CB,VL,VME89,PB*INCNT</b>
May 30 2014	36"	17mmT4	MB,EL,EDGE ON,NND,PA~90,EDGE TO EDGE IN EYEPIECE FOV,SHISB,GRAN,DUST,BROKEN PARTS,SMWHT CNTR BULGE,R=G	
May 01 1981	12.5"	24mm	PF,EL,EDGE ON,FARM	
<b>H5-7</b>	<b>NGC 2236</b>	<b>Mon</b>	<b>Open Cluster II 2 m</b>	<b>CL,PRI,PC,*10,12..15</b>
Oct 05 2002	12.5"	9mmT6	PB,PL,~50*S VAR MAG,*S SPR INTO CNTR	
<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 GLXY,HISB,S CNTR RGN	
<b>H7-6</b>	<b>NGC 5053</b>	<b>Com</b>	<b>Globular XI</b>	<b>CL,VF,PL,IR,VGBM,*15</b>
Apr 11 2015	36"	17mmT4	(Class X),MB,PL,DOZ OR SO B*S LOOSLY SC,LTL CL IN NUC AREA DET,OC LIKE,R=G	
Mar 22 2004	12.5"	12mmT4	VDIF,EF,VL,OVAL,F PATCHY AREAS DET,MORE WITH AV,R=P	
Mar 27 1981	12.5"	24mm		
<b>H7-8</b>	<b>NGC 1663</b>	<b>Ori</b>	<b>Open Cluster IV 2 p</b>	<b>CL,LRI,ST L\$\$</b>
Sep 06 2002	12.5"	9mmT6	PB,ML,~20*S,305 B*S WITH FTR OTHERS,TAKES POWER WELL	
<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,LNUC,MHISB,BM,COMP=1588	
<b>H9-5</b>	<b>NGC 6526</b>	<b>Sgr</b>	<b>Brt Nebula E</b>	<b>F,L,CE</b>
Sep 04 2002	12.5"	24mm	EF,PL,DIF NEB,L AREA OF NEB,BARELY DET	
<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,FLNUC,SHISB,LOC IN BARRON FOV,R=G	

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<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,FLNUC,SHISB,LOC IN BARRON FOV,R=G	
<b>H13-2</b>	<b>NGC 3705</b>	<b>Leo</b>	<b>Galaxy SAB(r)ab</b>	<b>PF,PL,R,VSMBM,R</b>
Mar 03 1984	12.5"	12mm	MB,ML,EDGE ON,BNUC,BSNUC,SBM,NO *S	
Jan 30 1981	12.5"	24mm	DIF,PF,PL,EL,FNUC,DIM HALO	
<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 CNTR*,VF* IN EDGE OF RING,MINI M57,OIII,MORE NEB,EDGES FRAILED,R=E	
Sep 04 2002	12.5"	9mmT6	MF,PS,UB,OVAL,CNTR RGN DARK PATCH,ONE SIDE SLT BTR	
<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>Brt Nebula E</b>	<b>EF,EL,EE,EIF,BIFID</b>
Sep 26 2019	36"	17mmT4	W/OIII,EB,EEL,HISB,5 FOV'S,LOOKS MUCH LIKE 6960,BFILIMENTS,STRANDS,STRINGY ROPES V HISB,BNEON GLOW,R=EEEE	
Sep 04 2002	12.5"	32mm	VB,EEL,SNR,HISB,ARC GOES 2 FOV'S	
<b>H15-3</b>	<b>NGC 3646</b>	<b>Leo</b>	<b>Galaxy Ring</b>	<b>CF,CL,LE,GBM,SP OF 2</b>
Mar 21 2020	36"	17mmT4	MB,EEL,R,BSNUC,FACE ON,SPR STR,ARMS DEFINITION,SOFT MHISB NUC,R=EE	
Mar 03 1984	12.5"	16mm	VDIF,VF,ML,F* TO W SIDE,OVAL-PATCH,UB,NND	
Jan 30 1981	12.5"	24mm	DIF,PF,VL,FARMS	
<b>H15-5</b>	<b>NGC 6960</b>	<b>Cyg</b>	<b>Brt Nebula E</b>	<b>PB,CL,EIF,KAPPACYGIN</b>
Sep 26 2019	36"	17mmT4	W/OIII,EB,EEEL,HISB,5 FOV'S,START AT EASTERN MOST PART,NEON LIGHT LIKE,STRANDS,EDGES VB,TWISTED ROPE,BEST TO DATE,VIEWED THE OTHER NON-IDENTIFIED AREAS LISTED IN MEGASTAR,SOME WERE VF AND S BUT DET,SOME VB AND VL,HISB,R=EEE	
Sep 04 2002	12.5"	32mm	PB,EL,SNR,WHIPS ON BOTH SIDES OF B* EASILY DET,PARTS OF SNR HAVE HISB	
<b>H15-8</b>	<b>NGC 6604</b>	<b>Ser</b>	<b>Open Cluster I 3 m n</b>	<b>CL,LRI,LC</b>
May 12 2021	36"	31mmT5	(I 3 m n),PB,ML,B* IN CNTR,VAR MAG,CL DET,W/OIII,NEB DET MOSTLY SUR B CNTR *,WISPS OF NEB,(3:56am),R=FG	
Sep 04 2002	12.5"	24mm	VP,PL,*S DIFF MAG,FEW B*S WITH F BG GLOW	
<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>
Feb 22 2020	36"	17mmT4	VB,VL,EL-EDGE ON,BLNUC,HISB CNTR,GRAN HALO,MBM,R=G	
Apr 25 1981	12.5"	24mm	DIF,PF,PS,FNUC,F HALO,PAIR/4233/4224	
<b>H18-6</b>	<b>NGC 2309</b>	<b>Mon</b>	<b>Open Cluster I 2 m</b>	<b>CL,PL,PRI,MC,ST13</b>
Oct 05 2002	12.5"	9mmT6	PB,PL,SCATERED,NICE IN 9MM,*S ~SAME MAG	
<b>H19-4</b>	<b>NGC 2170</b>	<b>Mon</b>	<b>Brt Nebula R</b>	<b>*9 INV,F,PL,NEB,E170</b>
Mar 04 2021	36"	31mmT5	(Lb 1),DIF,PB,MS,OVAL PATCH SUR *,SOME GRAN,W/OIII,MUCH BTR,EDGES SMWHT DEF,OVAL,FEW VF*S NEXT TO NEB,(9:45pm),R=FG	
Oct 05 2002	12.5"	9mmT6	PB,ML,B NEB SUR B*,NEB MHISB	
<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,V EDGE ON,F*N FROM NUC,SBM	
<b>H20-2</b>	<b>NGC 4612</b>	<b>Vir</b>	<b>Galaxy (R)SAB0^</b>	<b>PB,S,R,PSMBM</b>
Mar 27 1982	12.5"	12mm	MB,ML,BNUC,F* TO N,VMBM,B HALO,OVAL	
Jun 04 1981	12.5"	16mm	PF,PS,BNUC,F HALO,BY 12 MAG *,PAIR/4623	
Jun 04 1981	12.5"	24mm	PB,PL,BNUC,B HALO,PAIR/4660	
<b>H21-5</b>	<b>NGC 2359</b>	<b>CMa</b>	<b>Brt Nebula E</b>	<b>VF,VVL,VIF</b>
Mar 04 2021	36"	31mmT5	(Lb 2),DIF,VB,VL,W/OIII,WELL PLACED IN FOV,EDGES DEF IN PARTS FADE AWAY IN OTHERS,B AREAS HERE AND THERE,OIII HELPS A LOT,IN CNTR OF IC 468,(10:40pm),R=EE	
Dec 28 2008	31"	31mmT5	PB,EL,W/OIII,FINE DETAIL THRUT,B AREAS,B EDGES,BRIDGES,BEST EVER,R=E	
Dec 19 2006	31"	31mmT5	DIF,MF,EL-OVAL,L PATCHY AREAS OF NEB SC ALM *S,PAIR=IC468,R=G	
Dec 19 2006	31"	31mmT5	W/OIII,DIF,MB,VL,OVAL,HISB,B PATCHES,FILAMENTS,FILTER HELPS GREATLY,AWSOME,R=E	

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<b>H21-5</b>	<b>NGC 2359</b>	<b>CMa</b>	<b>Brt Nebula E</b>	<b>VF,VVL,VIF</b>
Nov 21 2006	12.5" 12mmT4	DIF,VB,VL,W/OIII,PATCHY,WISPS OF ARMS,SPR SHAPE,B AREAS DET,R=E		
<b>H21-8</b>	<b>NGC 6800</b>	<b>Vul</b>	<b>Open Cluster IV 1 p</b>	<b>CL,VL,PRI,VLC,ST10..</b>
Sep 04 2002	12.5" 24mm	PB,PL,*S ~SAME MAG,APROX 30*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>
Mar 03 2021	36" 31mmT5	(I 3 m n)MB,PL,~50*S,VAR MAG,MANY F*S,CL LOOKS BROKEN,INSIDE SH2-311,(10:20pm),R=FG		
Nov 24 2006	12.5" 12mmT4	VB,VL,LOOSE,NOT WELL DEFINED,NEB ASSOC WITH CL,PAIRS=SH2-311/LBN,R=P		
Nov 21 2006	12.5" 12mmT4	PF,VL,INSIDE SH2-311,SIM MAG,LOOSLY SC,APROX 50*S,R=F		
<b>H22-7</b>	<b>NGC 2254</b>	<b>Mon</b>	<b>Open Cluster I 1 m</b>	<b>CL,S,PC,IF,*11...13</b>
Oct 05 2002	12.5" 9mmT6	MB,PS,SC,*S DIFF MAG,NICE IN 9MM		
<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,EL,FNUC,SBM,HISB TOWARDS CNTR,OVAL,PAIR/PGC33588		
<b>H24-4</b>	<b>NGC 2023</b>	<b>Ori</b>	<b>Brt Nebula R+E</b>	<b>B*IN M OF L,LE NEB</b>
Mar 05 2021	36" 31mmT5	(Lb 1),DIF,MB,ML,W/OIII,GRAN NEB SUR B*,PATCHY,EDGES FADE,(8:51pm),R=F		
Jan 24 2009	31" 17mmT4	MF,ML,BTR W/OIII,MORE NEB DET,FINE DETAIL IN NEB CLOSE TO *,R=F		
Jan 24 2004	31" 24mmTP	DIF,MF,PL,PATCH,UB,WITH OIII,PATCHY AREA OF GAS SUR *,R=F		
Oct 05 2002	12.5" 25mm	PB,VL,NEB SUR B*,PARTS OF NEB HAVE HISB		
Sep 09 1980	12.5" 24mm	NEED TO KEEP B* OUT OF FIELD TO DETECT		
<b>H24-7</b>	<b>NGC 2112</b>	<b>Ori</b>	<b>Open Cluster II 2 m n</b>	<b>CL,PL,LRI,PC,ST S</b>
Dec 30 1983	12.5" 24mm	MF,PS,BARREN * FIELD,B*S FORM SHAPE OF A 'Y',~60*S		
Sep 09 1980	12.5" 24mm			
<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>H26-6</b>	<b>NGC 1605</b>	<b>Per</b>	<b>Open Cluster III 1 m</b>	<b>CL,VF,PS,C,ST ES</b>
Aug 10 2002	12.5" 24mm	ML,VF,NOT WELL DEFINED,R IN SHAPE		
<b>H27-3</b>	<b>NGC 3605</b>	<b>Leo</b>	<b>Galaxy E4-5</b>	<b>F,S,R,SP OF 3</b>
Mar 06 2010	31" 17mmT4	MF,MS,EL,FLNUC,GRAD GETS MUCH BM,HISB CNTR,PAIRS=3606/3607/PGC34407,R=G		
Mar 03 1984	12.5" 12mm	MF,PS,FNUC,PATCHY,SBM,CLOSE PAIR/3607		
Jan 30 1981	12.5" 24mm	DIF,EF,ES,F HALO SUSP,PAIR/3607/3608		
<b>H27-8</b>	<b>NGC 2367</b>	<b>CMa</b>	<b>Open Cluster II 3 m</b>	<b>CL,S,P,LC</b>
Nov 21 2006	12.5" 12mmT4	PB,ML,FEW B*S WITH FTR *S,~20*S,V SHAPED,WELL PLACED,R=F		
<b>H28-4</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,EL,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 GLXY		
<b>H28-6</b>	<b>NGC 2259</b>	<b>Mon</b>	<b>Open Cluster II 1 p n</b>	<b>CL,CRI,EC,IF,ST ES</b>
Oct 05 2002	12.5" 9mmT6	MF,ML,E,WELL PLACED IN 9MM,*S ~SAME MAG		
<b>H29-5</b>	<b>NGC 4395</b>	<b>CVn</b>	<b>Galaxy SA(s)m:</b>	<b>EF,VL,NP OF DNEB</b>
Mar 22 2004	12.5" 12mmT4	VDIF,EF,EL,PATCH,UB,NND,BROKEN PATCHES DET,R=P		
Jan 28 1982	12.5" 24mm	NO FIND		
<b>H29-6</b>	<b>NGC 7245</b>	<b>Lac</b>	<b>Open Cluster II 2 m</b>	<b>CL,C,ST ES</b>
Sep 20 1984	12.5" 24mm	MB,PS,V RICH * FIELD,B*NE SIDE,~40-50*S WITH F BG GLOW		
<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,~5 *S ASSOC WITH M43		
<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,BLNUC,HISB CNTR,GMBM,PAIRS=IC982/IC983/OTHERS,R=G		

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<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,BLNUC,HISB CNTR,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	COMPACT SNUC	
Sep 09 1980	12.5"	24mm		
<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,EL-EDGE ON,FNUC,F HALO	
<b>H34-7</b>	<b>NGC 1883</b>	<b>Aur</b>	<b>Open Cluster II 1 m</b>	<b>CL,VF,PRI,PC,IF</b>
Sep 06 2002	12.5"	9mmT6	PF,PS,~20*S SAME MAG,V SHAPE,1 B* TO SIDE OF CL,TAKES POWER WELL	
<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 CNTR*15,OIII DOESNOT HELP MUCH,R=G	
Nov 22 2006	12.5"	12mmT4	MF,PS,R,F* ON EDGE OF NEB,OIII HELPS OUT SLT,R=F	
Mar 29 2006	31"	17mmT4	DIF,MB,ML,R,UB,* IN EDGE,WOIII,PATCHY,DARK AREAS,OVAL WITH B EDGES,R=G	
<b>H35-8</b>	<b>NGC 2374</b>	<b>CMa</b>	<b>Open Cluster 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,LTL CL,FILLS FOV,R=P	
<b>H36-4</b>	<b>NGC 2071</b>	<b>Ori</b>	<b>Brт Nebula R</b>	<b>D*10\$14 W/VF,L CHEV</b>
Mar 04 2021	36"	31mmT5	(Lb 4),DIF,VF,MS,W/OIII,S SMOOTH PATCHY NEB SUR * REACHES TO B* CLOSE BY,EDGES NOT WELL DEF,(9:25pm),R=F	
Feb 21 2006	31"	31mmT5	MF,MS,PATCH,NEB DET SUR B*,B* APPEARS AS CLOSE DBL WITH F*,R=F	
Oct 05 2002	12.5"	25mm	PBPL,DIF NEB,B* 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 GLXY,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 24 2006	12.5"	12mmT4	PB,ML,~40*S,SLT CL,IRR IN SHAPE,VAR MAG,R=F	
Nov 21 2006	12.5"	12mmT4	MF,MS,~20*S,SIM MAG,LOOSELY CL,SC,R=F	
<b>H36-8</b>	<b>NGC 2396</b>	<b>Pup</b>	<b>Open Cluster IV 1 m</b>	<b>CL,VL,VLC</b>
Nov 24 2006	12.5"	12mmT4	VB,VL,LOOSLY SC,SLT CL,~20*S,VAR MAG,R=F	
Nov 21 2006	12.5"	12mmT4	VB,VL,~20*S,LOOSLY SC,S CL,FEW B*S,VAR MAG,R=F	
<b>H37-8</b>	<b>NGC 2414</b>	<b>Pup</b>	<b>Open Cluster I 3 m</b>	<b>CL,P,LC,ST9,\$C</b>
Nov 24 2006	12.5"	12mmT4	MB,ML,~30*S,FEW B* WITH F BG,GOOD CL,WELL PLACED,R=G	
Nov 21 2006	12.5"	12mmT4	PB,MS,~20*S,LOOSE,S CL,1B*,FEW FTR,R=F	
<b>H38-4</b>	<b>NGC 2182</b>	<b>Mon</b>	<b>Brт Nebula R</b>	<b>PB**,L*NEB,E90</b>
Mar 04 2021	36"	31mmT5	(Lb 1),DIF,MB,PS,W/OIII,LIKE B BLUE PL NEB SUR BY NEB,PATCH,SMWHT GRAN,VF*S IN EDGE OF NEB,(9:55pm),R=F	
Nov 24 2006	12.5"	17mmT4	DIF,MF,VS,VF* WITH FT 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>
Sep 02 2008	31"	17mmT4	MB,BL,OVAL,GREENISH,SVRLF*S IN NEB,CNTR* 15TH MAG,OIII DOESNOT HELP MUCH,R=G	
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,CNTR * ~14MAG	
<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,EL,FLNUC,* IN TIP,PAIR=3513,R=G	
<b>H39-8</b>	<b>NGC 2302</b>	<b>Mon</b>	<b>Open Cluster III 2 m</b>	<b>CL,L,P,LC</b>
Oct 05 2002	12.5"	9mmT6	MB,ML,~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,BSNUC,HISB CNTR,GMBM,R=G	
<b>H40-5</b>	<b>NGC 3513</b>	<b>Crt</b>	<b>Galaxy SB(rs)c</b>	<b>VF,VL,ME</b>

## Herschel 400 (II) Observations

<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,SHISB,PAIR=3511,R=F		
<b>H40-8</b>	<b>NGC 2331</b>	<b>Gem</b>	<b>Open Cluster IV 2 m</b>	<b>CL,L,VLC,S CL INV</b>
Oct 05 2002	12.5" 32mm	VF,EL,LOOSE OPEN CL,~20*S,SAME MAG		
<b>H41-5</b>	<b>NGC 4244</b>	<b>CVn</b>	<b>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,TAPERED AT BOTH ENDS		
Oct 31 1980	12.5" 24mm			
<b>H42-2</b>	<b>NGC 3547</b>	<b>Leo</b>	<b>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>H43-2</b>	<b>NGC 3162</b>	<b>Leo</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,CL,R,VGLBM,R,*INV</b>
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,F HALO		
Dec 03 1980	12.5" 24mm			
<b>H43-7</b>	<b>NGC 7419</b>	<b>Cep</b>	<b>Open Cluster I 2 m</b>	<b>CL,PRI,CC</b>
Sep 04 2002	12.5" 32mm	PB,ML,FEW B*S WITH GLOW IN BG		
<b>H44-3</b>	<b>NGC 4647</b>	<b>Vir</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,PL,LE115,NPOFDNEB</b>
May 09 2010	31" 17mmT4	MB,PL,PATCHY,BLNUC,CLOSE COMP=4649,PAIR=PGC42846,R=G		
Mar 22 2004	12.5" 12mmT4	MF,ML,OVAL,PATCH,UB,CLOSE PAIR=M60,VFSNUC,R=F		
Mar 27 1982	12.5" 12mm			
Mar 27 1981	12.5" 24mm			
<b>H46-2</b>	<b>NGC 3301</b>	<b>Leo</b>	<b>Galaxy SB0-a</b>	<b>CB,S,LE53,PSBM,R</b>
Feb 25 1984	12.5" 12mm	VDIF,MB,ML,EDGE ON,BNUC,MHISB		
Jan 30 1981	12.5" 24mm	PB,PL,EL,BNUC,DIM HALO		
Dec 03 1980	12.5" 24mm			
<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,EL,BNUC,VHISB CNTR,VMBM,R=E		
<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,BSNUC,HISB CNTR,PAIRS=4918/4890,R=G		
<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,MHISB IN CNTR,SNUC RGN		
<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,EL,FNUC,SHISB,R 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 GRP,STANDS OUT WELL,20*S,RSLV		
<b>H50-7</b>	<b>NGC 7067</b>	<b>Cyg</b>	<b>Open Cluster II 1 p</b>	<b>CL,P,(NEB)</b>
Sep 04 2002	12.5" 32mm	PB,PS,~20*S,F PATCH IN CL		
<b>H50-8</b>	<b>NGC 2252</b>	<b>Mon</b>	<b>Open Cluster III 2 m n</b>	<b>CL,VL,PRI,LC,STS</b>
Oct 05 2002	12.5" 24mm	PB,PL,~50*S SC AND LOOSE,DIFF MAG		
<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-PATCH,LG,PATCHES DET,H2 RGN SUSP,R=G		
<b>H52-4</b>	<b>NGC 7635</b>	<b>Cas</b>	<b>Brn Nebula E</b>	<b>VF,*8INV L EXCENTRIC</b>
Jul 31 1981	12.5" 16mm	VDIF,IRR IN SHAPE,NEB SUR B*,BUBBLE NEB		
<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,*NUC DET		
Mar 15 1985	12.5" 24mm	DIF,MF,PL,L DISFUZE PATCH IN BARREN AREA		
<b>H52-7</b>	<b>NGC 7082</b>	<b>Cyg</b>	<b>Open Cluster 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>H53-2</b>	<b>NGC 3659</b>	<b>Leo</b>	<b>Galaxy SB(s)m?</b>	<b>CF,S,LE,R</b>

## Herschel 400 (II) Observations

<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>H53-8</b>	<b>NGC 6507</b>	<b>Sgr</b>	<b>Open Cluster IV 3 m</b>	<b>CL,PS,LRI,LC</b>
Sep 04 2002	12.5" 24mm		MF,PL,~20-30*S SAME MAG,SMWHT F BG GLOW	
<b>H55-7</b>	<b>NGC 7762</b>	<b>Cep</b>	<b>Open Cluster 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 12 2007	31" 31mmT5		VB,VL,~20*S VAR MAG,LTL CL,LOOSE,SC,R=P	
Sep 04 2002	12.5" 24mm		MB,ML,LOOSE,SC,~30*S, SAME MAG,DOESNOT STAND OUT WELL	
<b>H57-7</b>	<b>NGC 2192</b>	<b>Aur</b>	<b>Open Cluster II 2 m</b>	<b>CL,CL,C,IF,ST VS</b>
Oct 20 2006	31" 17mmT4		VB,VL,~50*S SIM MAG,FEW BTR *S,WELL PLACED,CL GOOD,R=G	
<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,~40*S VARYING IN B,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,EL,BLNUC,HISB CNTR,GMBM,PAIRS=MAC'S,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>
Nov 11 2020	36" 17mmT4		VB,VL,EL-EDGE ON,VBLNUC,COMP AT BOTH ENDS,MB ARMS,HISB CNTR,GRAN ARMS,PATCHY,PAIRS=N1331/P12827,R=GE	
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>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,FARMS,PAIR/4299	
<b>H61-8</b>	<b>NGC 1778</b>	<b>Aur</b>	<b>Open Cluster III 2 p</b>	<b>CL,PC,LRI,IF,ST L</b>
Sep 06 2002	12.5" 24mm		PB,ML,~20*S,LOOSLY SC,*S SIM MAG	
<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,FARMS,PAIR/4294	
<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,MHISB,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>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,B CNTR*11,B GREENISH,MORE NEB WITH AV,OIII DOESNOT HELP MUCH,R=E	
Oct 05 2002	12.5" 9mmT6		PB,PS,BNUC,VBM,CNTR* ~8 MAG,R,HISB,BLUE GREEN CNTR RGN	
<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,EL,BLNUC,HISB CNTR,BM,R=G	
<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,FLNUC,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>
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,CNTR* ~9TH MAG,L NEB,SPRIAL IN STR,DARK INNER RING BROKEN,R=E	
Dec 25 1984	12.5" 16mm		PB,ML,B CNTR *,LOC BET 2B*S,L BALL OF NEB,R,MHISB	
<b>H70-8</b>	<b>NGC 1582</b>	<b>Per</b>	<b>Open Cluster IV 2 p</b>	<b>CL,VL,PRI,LC,ST L</b>
Aug 10 2002	12.5" 25mm		EL,VB,30-40*S,LOOSLY SC,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	

## Herschel 400 (II) Observations

<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>H72-1</b>	<b>NGC 3254</b>	<b>LMi</b>	<b>Galaxy SA(s)bc</b>	<b>CB,L,ME45,PSMBMN</b>
Feb 25 1982	12.5" 16mm	DIF,MB,PL,EL,BNUC,F*SW	SVRL GLXY DIA,GMBM,TAPERED,KNTY STR SUSP,DIF HALO	
Dec 03 1980	12.5" 24mm			
<b>H72-4</b>	<b>NGC 6888</b>	<b>Cyg</b>	<b>Brn Nebula E</b>	<b>F,VL,VME,**ATT</b>
Sep 19 2012	36" 31mmT5	VB,W/OIII,WELL PLACED IN FOV,2 DISTINCT HALVES,ONE BTR THAN OTHER,L LOBS,E	DETAIL,AMAZING,R=EE	
Sep 04 2002	12.5" 25mm	PB,PL,B NEB,2B*S WITH GLOW OF NEB BET AND SUR *S		
Sep 04 2002	12.5" 32mm	NEB EASILY DET		
<b>H74-4</b>	<b>NGC 7023</b>	<b>Cep</b>	<b>Brn Nebula R</b>	<b>*7IN EF,EL,NEBY</b>
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	
Jul 09 1983	12.5" 12mm	DIF,MB,MS,GAS SUR B*,SOME DETAIL IN GAS DET		
<b>H74-8</b>	<b>NGC 7031</b>	<b>Cyg</b>	<b>Open Cluster 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,EL IN SHAPE		
<b>H75-4</b>	<b>NGC 7129</b>	<b>Cep</b>	<b>Open Cluster IV 2 p n</b>	<b>CF,PL,GBM***</b>
Sep 12 2012	36" 17mmT4	MB,ML,15*S LTL CL,VAR MAG,SC,PAIR=7133,R=P		
Jun 20 2004	31" 17mmT4	PB,PL,LOOSLY SC,~10 *S,PAIR=7133,R=F		
Aug 11 1982	12.5" 24mm	MF,PS,R-OVAL,4*S ON OUTSIDE EDGE,1F* IN CNTR OF OBJECT,SAME FOV AS 7142		
<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,EL-OVAL,BLNUC,HISB,MBM,B BAR ACCROSS NUC,PAIR=PGC55664,R=G		
May 31 1981	12.5" 16mm	DIF,MB,PS,F HALO		
<b>H76-8</b>	<b>NGC 6991</b>	<b>Cyg</b>	<b>Open Cluster III 2 n</b>	<b>CL,L,P,VLC</b>
Sep 04 2002	12.5" 32mm	VB,EL,APROX 50*S,*S SIM IN B,RICH * FIELD		
<b>H77-2</b>	<b>NGC 3338</b>	<b>Leo</b>	<b>Galaxy SA(s)c</b>	<b>F,CL,E,VGBM,*7P10S</b>
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		
Dec 03 1980	12.5" 24mm			
<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,EL,B*W EDGE,NND,UB,F* TO S		
Oct 31 1980	12.5" 24mm	PAIR/1332		
<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 SC,*S ~SAME MAG		
<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,VFLNUC,SBM,R=F		
<b>H84-8</b>	<b>NGC 1348</b>	<b>Per</b>	<b>Open Cluster III 2 m</b>	<b>CL,LRI,ST L</b>
Aug 10 2002	12.5" 25mm	PB,PL,* VARYING IN MAG,GRP 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,EL,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>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,BLNUC,SHISB,HISB CNTR,GMBM,R=G		
<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,SHISB,L B CNTR AREA,R=G		

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<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,SHISB,L B CNTR AREA,R=G		
<b>H102-2</b>	<b>NGC 3596</b>	<b>Leo</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,L,R,GLBM</b>
Mar 03 1984	12.5" 12mm	DIF,MB,PL,FNUC,FSNUC,R,TRI OF *S SUR OBJECT,SBM		
Jan 30 1981	12.5" 24mm	DIF,PF,PL,DIM OUTER HALO,PAIR/3593		
<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,BLNUC AREA,VHISB,R=E		
<b>H106-2</b>	<b>NGC 4189</b>	<b>Com</b>	<b>Galaxy SAB(rs)cd?</b>	<b>F,L,LE,VGLBM,R</b>
Feb 22 2020	36" 17mmT4	MB,VL,OVAL,FSNUC,SPR STR SUSP,PATCHY,R=GE		
Apr 25 1981	12.5" 24mm	PB,PS,DNUC,2F*S TO W		
<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>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,MHISB,B* ON EDGE,PAIR=4302,R=E		
<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,SHISB,PAIR=4298,R=E		
<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>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,FLNUC,PATCHY AREAS,DARK AREAS,MINATURE M33,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>H121-3</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,EL,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,*NUC,R,FACE ON		
Oct 31 1980	12.5" 24mm	L,F		
<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,F HALO,PAIR/5595		
<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,EL,F 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>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,FSNUC,SBM,PAIR=5814,R=F		
<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,VF SNUC OR * NUC,R=F		
<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,SMWHT PATCHY IN CNTR,MHISB,ONESIDE TAPERED,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,BLNUC,F HALO,SHISB CNTR,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,BSNUC,SHISB,HISB CNTR,GMBM,R=G		
<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,F HALO		
<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>H138-1</b>	<b>NGC 5061</b>	<b>Hya</b>	<b>Galaxy E0</b>	<b>VB,S,R,VSMBM,*1OF</b>



## Herschel 400 (II) Observations

<b>H138-1</b>	<b>NGC 5061</b>	<b>Hya</b>	<b>Galaxy E0</b>	<b>VB,S,R,VSMBM,*10F</b>
Apr 26 2006	31"	17mmT4	VB,ML,R,BLNUC,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>
Mar 08 2010	31"	17mmT4	MB,ML,EL,FLNUC,SHISB CNTR,R=G	
Apr 25 1981	12.5"	24mm	DIF,PF,PS,FNUC,DIM HALO,PAIR/4261	
<b>H140-2</b>	<b>NGC 4264</b>	<b>Vir</b>	<b>Galaxy SB(rs)0+</b>	<b>F,PS,R,GBM</b>
Mar 08 2010	31"	17mmT4	MB,ML,R,FLNUC,PAIRS=NGC/PGC'S,R=G	
Apr 26 2003	12.5"	9mmT6	MF,MS,OVAL,PATCH,UB,NND,PAIR/4261/4257,R=F	
<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 GLXY DIA,UB,NND,OVAL	
Jul 10 1981	12.5"	16mm	DIF,EL,S BAR BRT THAN ANY PART OF GLXY	
<b>H143-2</b>	<b>NGC 4339</b>	<b>Vir</b>	<b>Galaxy E0</b>	<b>B,PL,R,BM,3RD OF 3</b>
Feb 22 2020	36"	17mmT4	PB,ML,R,BLNUC,HISB,GRAN HALO,PAIRS=N4326/N4333,R=G	
Apr 25 1981	12.5"	24mm	DIF,PF,PS,FNUC	
<b>H143-3</b>	<b>NGC 6717</b>	<b>Sgr</b>	<b>Globular VIII</b>	<b>F,S,RR,CL+NEB</b>
Jun 28 2019	36"	17mmT4	(Class IX),MF,PS,SB NUC,HISB,B* CLOSE BY,BROKEN PARTS OF NEB,OUTER **S RSLV,R=F	
Sep 04 2002	12.5"	9mmT6	PB,ML,B* CLOSE BY,VF* IN EDGE OF GLXY,HISB,2 HALVES OR PARTS DET	
<b>H144-3</b>	<b>NGC 6857</b>	<b>Cyg</b>	<b>Brn Nebula HII</b>	<b>F,AM MILKY WAY ST</b>
Jul 24 1981	12.5"	12mm	DIF,3 OR 4 F**S IN NEB,PATCHY	
<b>H147-3</b>	<b>NGC 23</b>	<b>Peg</b>	<b>Galaxy SB(s)a</b>	<b>3S*+NEB</b>
Sep 12 2002	12.5"	9mmT6	PB,PL,VBLNUC,F* IN GLXY, HISB,PAIR/26	
Sep 21 1984	12.5"	12mm	DIF,VF,MS,EL,VF* IN SOUTH ARM,SBM	
Jul 07 1981	12.5"	24mm	DIF,EF,MS,FARMS	
Sep 10 1980	12.5"	24mm		
<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,B NEB IN M33,CLOSE TO F*	
Aug 10 2002	12.5"	9mmT6	EB,VL,HISB,PATCH,UB	
<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,SHISB	
<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 24 1981	12.5"	24mm	F*S 3 GLXY DIA,11 MAG * N BORDER,HISB,MBM,MF,PS	
Sep 10 1980	12.5"	24mm		
<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: ,EL N TO S,NND,UB,MHISB	
<b>H157-1</b>	<b>NGC 672</b>	<b>Tri</b>	<b>Galaxy SB(s)cd</b>	<b>F,PL ,ME80</b>
Dec 04 2004	31"	17mmT4	PB,EL,EDGE ON,SHISB,VF* OFF NUC,B BAR TRHOUGHTOUT,DUST & PATCH AREAS DET,R=E	
Aug 25 1982	12.5"	16mm	SAME	
Sep 23 1981	12.5"	16mm	DIF,MB,MS,DARM,2**S OPPOSITE SIDE,UB,NND,PAIR/670	
Sep 18 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm		
Sep 07 1980	12.5"	24mm		
Aug 22 1980	12.5"	24mm		
Jul 24 1980	12.5"	32mm	EL,GREAT!!	
<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,F COMP NE 1 GLXY DIA,R,GMBM,PAIR/1601	
Oct 31 1980	12.5"	24mm	DIF,UB,RESEMBLES CRAB NEB	
Sep 09 1980	12.5"	12mm	RESEMBLES * IN S TRI	

## Herschel 400 (II) Observations

<b>H158-1</b>	<b>NGC 1600</b>	<b>Eri</b>	<b>Galaxy E3</b>	<b>PB,PL,R,GMBM</b>
Sep 09 1980	12.5" 12mm	RESEMBLES * IN S 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,MHISB,OTHER GLXY PRESENT		
<b>H159-2</b>	<b>NGC 3681</b>	<b>Leo</b>	<b>Galaxy SAB(r)bc</b>	<b>B,PS,R,BM</b>
Mar 03 1984	12.5" 12mm	DIF,MF,MS,FNUC,OVAL,SBM,FIRST IN A LINE OF OTHERS		
Jan 30 1981	12.5" 24mm	DIF,PF,PS,DIM HALO,SVRL COMP		
<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 GLXY,SBM,COMP,1 OF 3		
<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 SVRL GLXY DIA,R,MBM,NUC DET,DIF HALO SUR 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>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,MHISB,BM,B* CLOSE BY		
<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,EL TO OVAL,UB,V HISB,VF* OFF NUC,R=E		
<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,B 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 25 1982	12.5" 16mm	SAME,2F*S N, 1F* IN SOUTHERN PART		
Sep 23 1981	12.5" 16mm	BAR SEEN,2F*S N&S,DIF,MF,PL,KNTY STR SUSP,R,SLT BTR WHERE BAR IS		
Sep 18 1980	12.5" 24mm			
Sep 10 1980	12.5" 24mm	B*S IN GLXY		
Aug 22 1980	12.5" 24mm			
Jul 24 1980	12.5" 24mm	EDIF,EF		
<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>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,EL,B 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,BSNUC,SPRIAL ARMS DET,PATCHY AREAS,BM,SHISB CNTR,R=E		
<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,EL ,BNUC,DIM 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,BSNUC,B* ON EDGE,HISB CNTR,GMBM,R=G		
<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,FLNUC,MHISB,VF* OFF EDGE,R=FG		
Sep 04 2002	12.5" 16mm	DIF,PF,PS,OVAL,GMBM,MHISB,PAIR/PGC 535		
<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,F GLXY TO S		
<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,BLNUC,HISB,COMP=MAC,BM,F* OFF NUC,PAIRS=5079/5076/MAC,R=G		
<b>H194-2</b>	<b>NGC 5548</b>	<b>Boo</b>	<b>Galaxy (R')SA(s)0/a</b>	<b>CF,PS,R,VSMBM*</b>

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<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 CNTR PART OF GLXY SEEN		
<b>H196-1</b>	<b>NGC 4138</b>	<b>CVn</b>	<b>Galaxy SA(r)0+</b>	<b>B,PL,E,VGBM,*NP</b>
Mar 22 2004	12.5" 12mmT4	PB,ML,EL,BLNUC,SHISB,GMBM,HISB CNTR,R=E		
Feb 25 2004	31" 17mmT4	VB,PL,OVAL,BSNUC,SHISB,SPR STR SUSP,HISB CNTR,GMBM,R=E		
<b>H198-3</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,EL,F* IN EASTERN PART,NND,PATCHY		
<b>H204-1</b>	<b>NGC 2639</b>	<b>UMa</b>	<b>Galaxy (R)SA(r)a:?</b>	<b>CB,S,E130,PSMBM</b>
Mar 15 1985	12.5" 16mm	PF,PS,EL,SBM,NO *S,FORMS TRI WITH 2 OTHER *S		
Dec 03 1980	12.5" 24mm			
<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,SMWHT BM,CNTR RGN PATCHY,BROKEN,R=G		
Mar 27 1981	12.5" 24mm			
<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,MHISB,DUST LANE SUSP,RES 7331,CNTR BULGE,R=E		
<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,F HALO,F*NE EDGE,SMWHT 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 * DET TO W SVRL GLXY DIA,PATCHY,VB		
Sep 23 1981	12.5" 16mm	BARREN * FIELD,DIF WITH V LTL BIN CNTR,PF,PS		
Sep 10 1980	12.5" 24mm			
<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,EL,MHISB,MBM		
<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 GLXY 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 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,EL,PATCH,UB,PAIR/7464/7465,R=G		
Aug 10 2002	12.5" 9mmT6	DIF,MF,PL,EDGE ON,COMP=7465,SBM		
<b>H211-3</b>	<b>NGC 7465</b>	<b>Peg</b>	<b>Galaxy (R')SB(s)0^:</b>	<b>VF,VS,FOF 2</b>
Aug 20 2003	31" 25mm	PB,PL,BNUC,MHISB,BLNUC,PAIRS=7464/7463,R=E		
Jul 29 2003	12.5" 9mmT6	MB,ML,R,BNUC,HISB,GMBM,LNUC,PAIR/7484/7463,R=G		
Aug 10 2002	12.5" 9mmT6	PB,ML,BNUC,GMBM,OVAL,COMP=7463		
<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,MHISB,SPR STR SUSP		
Sep 21 1984	12.5" 16mm	MF,MS,*NUC,SLT EL2*S SAME MAG SW CLOSE BY		
Jul 07 1981	12.5" 24mm	DIF,MF,PS,FNUC		
Sep 10 1980	12.5" 24mm			
<b>H217-1</b>	<b>NGC 1579</b>	<b>Per</b>	<b>Brn Nebula R</b>	<b>PB,VL,IR,MBM,*8 2'NF</b>
Sep 27 2005	31" 17mmT4	VB,VL,PATCH,UB,MHISB,EM NEB,PATCHY,B PATCHES DET,IRR IN SHAPE,R=G		
Aug 10 2002	12.5" 16mm	PB,PL,B NEB,MHISB,NO *S,UB		
Aug 10 2002	12.5" 9mmT6	PATCH,UB		
<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,MHISB,PAIR/407/414		
<b>H223-3</b>	<b>NGC 175</b>	<b>Cet</b>	<b>Galaxy SB(r)ab</b>	<b>PB,PL,E,GBM,R</b>
Sep 24 1981	12.5" 16mm	EXT DIF,EF,VS,BLURR,FORMS EQ TRIANGLE WITH *S SAME MAG		

## Herschel 400 (II) Observations

<b>H223-3</b>	<b>NGC 175</b>	<b>Cet</b>	<b>Galaxy SB(r)ab</b>	<b>PB,PL,E,GBM,R</b>
Sep 24 1981	12.5" 16mm	EXT DIF,EF,VS,BLURR,FORMS EQ TRIANGLE WITH *S SAME MAG		
<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 GLXYXY,MHISB TOWARDS CNTR		
Sep 23 1981	12.5" 16mm	MF,PS,F*W SIDE,SBM,R		
Sep 18 1980	12.5" 24mm			
<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,MHISB,SGBM,PAIR/5486/5484,R=G		
Mar 27 1981	12.5" 24mm			
<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>
Sep 14 2012	36" 17mmT4	VB,VL,EDGE ON,BSNUC,E PAIR,CNTR BULGE,GMBM,HISB CNTR,PAIR=7339,R=E		
Aug 10 2002	12.5" 12mm	SAME		
Sep 21 1984	12.5" 12mm	SAME,NO *S		
Jul 06 1983	12.5" 16mm	MF,MS,EDGE ON,BNUC,CLOSE PAIR/7339,MINATURE M104,BBULGE,TAPERED ENDS		
Sep 18 1982	12.5" 16mm	MB,ML,EDGE ON,BNUC,GMBM,TAPERED,PAIR/7339		
Jul 29 1981	12.5" 16mm	EDGE ON,GMBM		
Jul 07 1981	12.5" 16mm	DIF,MB,ML,F HALO,F COMP CLOSE BY		
Sep 10 1980	12.5" 24mm			
Sep 07 1980	12.5" 24mm			
Jul 15 1980	12.5" 24mm			
Jul 12 1980	12.5" 24mm			
Jul 11 1980	12.5" 24mm	LOC BET 2B*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 VAR PARTS DET,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,MHISB,PAIR/1160		
<b>H240-2</b>	<b>NGC 7814</b>	<b>Peg</b>	<b>Galaxy SA(s)ab: sp</b>	<b>CB,CL,E,VGBM</b>
Sep 21 1984	12.5" 16mm	MB,PL,EL,SOFT LNUC,HISB,NO *S		
Jul 07 1981	12.5" 24mm	DIF,MF,ML,VF HALO		
Sep 10 1980	12.5" 24mm			
<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,OVVAL-PATCHY,SBM		
<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 GLXY SUSP,L PATCH,OVVAL,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,EL,UB,NND,NO *S,COMP TO NW = 3674		
<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 GLXY		
<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,SLT ,EL		
Sep 21 1984	12.5" 16mm	MB,PL,BNUC,R,BM,4F*S IN A LOOP STARTING TOWARDS S,MHISB		
Aug 25 1982	12.5" 16mm	MB,PL,MHISB,F*S 1 GLXY DIA,R,VMBM		
Jul 07 1981	12.5" 16mm	DIF,MF,PS,DIM HALO		
Sep 10 1980	12.5" 24mm			
Jul 15 1980	12.5" 24mm			

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<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>
Jul 15 1980	12.5"	24mm		
Jul 11 1980	12.5"	24mm		
<b>H252-2</b>	<b>NGC 514</b>	<b>Psc</b>	<b>Galaxy SAB(rs)c</b>	<b>F,L,LE,VGLBM,**F</b>
Sep 24 1981	12.5"	16mm	PDIF,VF,VL,E OF B*,F* W SIDE,F* TO S SVRL GLXY DIA,PATCHY,NND,UB	
Oct 31 1980	12.5"	24mm	VDIF,SIM TO M33	
<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>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,EL,UB,HISB PATCHES DET,* OFF ONE SIDE,CNTR BULGE,R=E	
<b>H255-1</b>	<b>NGC 5308</b>	<b>UMa</b>	<b>Galaxy S0- sp</b>	<b>B,PL,ME57,PSMBEN</b>
Apr 03 2005	31"	17mmT4	PF,PL,EDGE ON,BLNUC,HISB CNTR,DUST SUSP,TAPERED 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>
Sep 21 1984	12.5"	16mm	DIF,PF,MS,F* TO W SIDE,R,PATCHY,SBM	
Jul 07 1981	12.5"	24mm	DIF,VF,MS,F HALO	
Sep 10 1980	12.5"	24mm		
<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,EL-OVAL,BSNUC,MHISB,R=G	
<b>H258-1</b>	<b>NGC 1491</b>	<b>Per</b>	<b>Brт Nebula E</b>	<b>VB,S,IF,BM,R,*INV</b>
Aug 10 2002	12.5"	25mm	PB,PL,MHISB,IRR IN SHAPE,B NEB,L PATCH	
<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,BLNUC,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>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,EL,BLNUC,HISB CNTR,R=G	
<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,BLNUC,HISB CNTR,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,SHISB,R=G	
Oct 05 2002	12.5"	9mmT6	VDIF,MF,PL,PATCH,OVAL,F* OFF ONE SIDE	
<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>
Oct 05 2002	12.5"	9mmT6	DIF,PF,PL,FNUC,OVAL,SBM	
Dec 03 1980	12.5"	24mm		
<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,BLNUC,* OFF NUC,GMBM,HISB CNTR,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>
Mar 29 2006	31"	17mmT4	VB,VL,OVAL,BLNUC,MHISB,GMBM,HISB CNTR,R=G	
<b>H270-2</b>	<b>NGC 718</b>	<b>Psc</b>	<b>Galaxy SAB(s)a</b>	<b>PB,S,IR,PSMBM</b>
Sep 24 1981	12.5"	16mm	MF,PS,DNUC,EF* SVRL GLXY DIA TO W,SUDLY MBM,R,DIM HALO	
Oct 31 1980	12.5"	24mm		
<b>H271-2</b>	<b>NGC 741</b>	<b>Psc</b>	<b>Galaxy E0:</b>	<b>PF,S,R,POF2,POS102</b>
Sep 19 2020	36"	17mmT4	PB,PL,OVAL,BLNUC,HISB CNTR,PAIR=742,R=G	
Sep 24 1981	12.5"	16mm	DIF,MF,PS,COMP TO N SUSP,JUST W OF B* 3 GLXY 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>H273-2</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,L CNTR BULGE,GBM,MHISB	
<b>H275-1</b>	<b>NGC 4291</b>	<b>Dra</b>	<b>Galaxy E</b>	<b>PB,VS,R,LBM,3*F</b>

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<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,BSNUC,MHISB,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,FSNUC,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,MHISB,BLNUC,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>
Mar 25 2020	36"	17mmT4	VB,PL,OVAL,BLNUC,HISB,GRAINY HALO MHISB,PAIRS=7 OTHERS,R=G	
Apr 26 2003	12.5"	9mmT6	PB,ML,OVAL,BNUC,MHISB,BSNUC,MANY COMP,FOV RICH IN GLXY,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>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,SLT HISB,NND,F*E,2*S W 1 GLXY DIA,EDGES TAPERED	
<b>H283-2</b>	<b>NGC 636</b>	<b>Cet</b>	<b>Galaxy E3</b>	<b>PB,VS,R,MBM,R</b>
Sep 27 1981	12.5"	16mm	PF,PS,SNUC,GRAD MB,DIF NUC	
Sep 10 1980	12.5"	24mm		
Sep 07 1980	12.5"	24mm	F,ASSOC IN S CL	
<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 27 1981	12.5"	16mm	DIF,MF,MS,EDGE ON,14* S ARM,NND,OBLONG,UB	
Sep 18 1980	12.5"	24mm		
<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,MHISB	
Oct 31 1980	12.5"	24mm		
<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,BLNUC,HOD HISB CNTR,R=G	
May 03 1981	12.5"	24mm	PB,PS,BNUC	
<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,BLNUC,SHISB,HISB CNTR,GMBM,R=G	
<b>H304-2</b>	<b>NGC 2316</b>	<b>Mon</b>	<b>Brт Nebula E+R</b>	<b>PF,S,R,R,S ST INV</b>
Oct 05 2002	12.5"	9mmT6	EL,MHISB,DIF NEB,APPEARS AS AN IRR GLXYAXY	
<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>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,EL,FLNUC,PATCHY,IRR IN SHAPE,F HALO,PAIR=5427,R=G	
<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,BLNUC,* IN EDGE,MHISB CNTR,GMBM,PAIR=PGC27873/MAC,R=G	
<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 RGN FROM NUC,PATCHY ARMS,L AREA OF F HALO,R=F	
<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,BLNUC,TAPERED ENDS,MHISB MID,CNTR BULGE,PAIR=PGC46489,R=E	
<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,EL,BLNUC,SHISB CNTR,R=G	
<b>H321-2</b>	<b>NGC 4136</b>	<b>Com</b>	<b>Galaxy SAB(r)c</b>	<b>F,VL,VGBM</b>
Feb 27 1982	12.5"	16mm	DIF,MF,PL,PATCHY,FACE ON,ARMS SUSP,UB,OVAL	

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<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*,*NUC,HISB,OVAL		
<b>H333-2</b>	<b>NGC 3065</b>	<b>UMa</b>	<b>Galaxy SA(r)0<sup>A</sup></b>	<b>PF,VS,R,BM,*11NR</b>
Mar 06 2003	12.5" 9mmT6	PB,ML,R,BNUC,BLNUC,HISB CNTR,PAIR=3066,R=G		
Mar 15 1985	12.5" 12mm	VF,MS,OVAL,BM,3066 CLOSE BY,F*NE SVRL GLXY DIA		
<b>H336-2</b>	<b>NGC 3516</b>	<b>UMa</b>	<b>Galaxy (R)SB(s)0<sup>A</sup>:</b>	<b>PB,VS,IR,PSMBM*</b>
Mar 15 1985	12.5" 12mm	PF,PS,R,BM,F* CLOSE BY SVRL GLXY DIA		
<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,EL,SBM,CIGAR SHAPE		
<b>H358-2</b>	<b>NGC 3274</b>	<b>Leo</b>	<b>Galaxy SABd?</b>	<b>F,PL,R,GLBM,D* F</b>
Feb 21 2020	36" 17mmT4	PF,ML,OVAL,FLNUC,SMWHT BM,R=G,TIME 12:08AM		
Feb 25 1984	12.5" 12mm	VDIF,VF,MS,PATCHY,WIDE TRI OF *S SUR OBJECT,UB,NND		
Jan 30 1981	12.5" 24mm	DIF,PF,PL,FNUC,F HALO		
<b>H358-3</b>	<b>NGC 4169</b>	<b>Com</b>	<b>Galaxy S0</b>	<b>F,S,1ST OF 4</b>
Feb 21 2020	36" 17mmT4	MB,MS,BLNUC,CL OF 4,R=FG,TIME 1:35AM		
May 30 2014	36" 17mmT4	PB,ML,OVAL,BLNUC,GMBM,GRAN CORE,PAIRS=4171,4175,4174,R=GE		
Mar 17 2009	31" 17mmT4	VB,VL,OVAL,BLNUC,HISB CNTR,OTHERS PRESENT,E GRP,R=E		
Feb 27 1982	12.5" 16mm	PF,VS,BNUC,F*S 1 GLXY DIA,SBM,R,CLOSE PAIR/4170/4175 IN TRI SHAPE		
<b>H373-2</b>	<b>NGC 4185</b>	<b>Com</b>	<b>Galaxy Sbc</b>	<b>CF,L,R,GBM</b>
Feb 21 2020	36" 17mmT4	MB,PL,OVAL,PATCH,UB,NND,F* OFF EDGE,R=F,TIME 1:41AM		
Feb 21 2020	36" 17mmT4	PF,PL,OBAL,PATCH,UB,NND,R=F,TIME 1:38AM		
Feb 27 1982	12.5" 16mm	VDIF,VF,ML,F*SW EDGE,NND,UB,R,FACE ON		
<b>H378-2</b>	<b>NGC 4310</b>	<b>Com</b>	<b>Galaxy SB0</b>	<b>F,CL,LE,N OF 2</b>
Feb 21 2020	36" 17mmT4	MF,PL,OVAL,PATCH,UB,NND,R=F,TIME 2:02AM		
Apr 26 2003	12.5" 9mmT6	MB,ML,OVAL,PATCH,UB,SHISB,R=G		
<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,VHISB,R=E		
<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,BLNUC,SBM,SHISB CNTR,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,EL,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,L CNTR REG,SLT BULGE IN CNTR,PAIR=P50952,R=E		
<b>H416-2</b>	<b>NGC 5440</b>	<b>CVn</b>	<b>Galaxy Sa</b>	<b>PF,CS,LE,BM,*11SP</b>
May 13 2021	36" 17mmT4	VB,VL,EL-OVAL,BLNUC,MHISB,TAPERED ENDS,GRAN HALO,HISB CNTR,* IN EDGE,PAIR=N5441,R=GE		
Feb 25 1982	12.5" 16mm	VDIF,PS,MF,EL,FNUC,NND,F*S TIP,UB,SBM		
<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,BLNUC,F HALO,SBM,HISB CNTR,MHISB,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,F HALO		
<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>
Sep 17 2009	31" 17mmT4	VB,EL,EL,UB,NND,HISB,IRR,ONE END THICKER THAN OTHER,PAIR=7537,E PAIR,R=E		
Oct 30 1981	12.5" 24mm	F,E1 GLXY CLOSE BY		
Oct 31 1980	12.5" 24mm	FT ELIPTICAL COMP BESIDE OBJECT		

## Herschel 400 (II) Observations

<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 31 1980	12.5" 24mm	FT ELIPTICAL COMP BESIDE OBJECT		
<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	SMWHT EDGE ON,DIF,PF,PS,F HALO		
<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 27 1981	12.5" 16mm	DIF,MB,ML,HISB,NND,PATCHY,OVAL		
Sep 10 1980	12.5" 24mm			
Sep 09 1980	12.5" 24mm			
<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,BH-2 RGN 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 27 1981	12.5" 16mm	VDIF,VF,PL,12 MAG * S ARM,FACE ON?,NND,UB,BTR IN 24MM		
Sep 18 1980	12.5" 24mm			
<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 GLXY		
<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,BLNUC,HISB,GMBM,PAIR=7619,R=E		
Sep 21 1984	12.5" 12mm	PF,PS,3 COMP DET,FORMS A TRI WITH A B* IN CNTR,R,BM,NO *S		
Sep 24 1981	12.5" 16mm	MF,PS,DNUC,R,GBM		
Oct 31 1980	12.5" 24mm	PAIR/7626		
Sep 07 1980	12.5" 24mm	COMP PRESENT,BOTH HAVE BNUC		
<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		
Oct 31 1980	12.5" 24mm	PAIR/7619		
<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,EL,UB,NND		
<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>H453-3</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,*NUC,SBM,MHISB		
<b>H455-3</b>	<b>NGC 1073</b>	<b>Cet</b>	<b>Galaxy SB(rs)c</b>	<b>VF,L,LBM,ER</b>
Sep 27 1981	12.5" 16mm	VDIF,MF,VL,SBM,R-OVAL,UB,NND,BTR IN 24MM		
Sep 18 1980	12.5" 24mm			
Sep 09 1980	12.5" 32mm	EL,PF,JUST BELOW S TRI OF *S		
<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,MHISB,F* IN EDGE OF GLXY		
<b>H465-2</b>	<b>NGC 1090</b>	<b>Cet</b>	<b>Galaxy SB(rs)bc</b>	<b>VF,PL,IR,BM</b>
Sep 19 2020	36" 17mmT4	MF,VL,OVAL,NND,SHISB,* OF NUC,GRAN,R=F		
Sep 27 1981	12.5" 16mm	MDIF,MF,PL,FACE ON,NND,UB,OVAL SHAPE,PAIR/1087 AND ANOTHER		
Sep 09 1980	12.5" 16mm	SAME FOV WITH 1087		
<b>H466-2</b>	<b>NGC 1087</b>	<b>Cet</b>	<b>Galaxy SAB(rs)c</b>	<b>PB,CL,LE,MBM</b>
Sep 19 2020	36" 17mmT4	MF,VL,OVAL,VFSNUC,SHISB,FACE ON,SPR STR SUSP,PATCHY,GRAN,R=FG		
Sep 27 1981	12.5" 16mm	MB,PL,OVAL,HISB,SBM,PAIR/1090 AND ANOTHER		
Oct 29 1980	8" 24mm			
Sep 18 1980	12.5" 24mm			
Sep 09 1980	12.5" 24mm	PAIR/1090		
<b>H467-2</b>	<b>NGC 7562</b>	<b>Psc</b>	<b>Galaxy E2-3</b>	<b>CB,PS,IR,PSBM</b>



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<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,L 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>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,BLNUC,SBM		
Sep 06 2002	12.5" 9mmT6	PF,PS,R,SVRL VF*S IN ARMS OF GLXY,SNUC RGN		
<b>H478-2</b>	<b>NGC 151</b>	<b>Cet</b>	<b>Galaxy SBbc</b>	<b>PF,PL,LE90,VGLBM</b>
Sep 24 1981	12.5" 16mm	DIF,MB,ML,EL,F* OFF E SIDE,SBM		
Sep 10 1980	12.5" 24mm			
Sep 07 1980	12.5" 24mm	F,LOC 157 FIRST		
<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,TAPERED,UB,L CNTR BULGE		
<b>H480-3</b>	<b>NGC 4241</b>	<b>Vir</b>	<b>Galaxy SB(s)cd</b>	<b>VF,L,VGBM,*7 S; = IC 3103</b>
Mar 05 2021	36" 17mmT4	MB,ML,OVAL,SOFT LNUC,MHISB,GRAN,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,SHISB		
<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,EL,NND,UB,PATCHY,NO *S		
Jan 30 1981	12.5" 24mm	PF,DIF,VS,F HALO		
<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,STR SUSP,DUST,F* IN EDGE,HISP,PAIR/3430/3413		
<b>H496-2</b>	<b>NGC 4233</b>	<b>Vir</b>	<b>Galaxy S0^</b>	<b>PF,R,VSBMSN</b>
Apr 25 1981	12.5" 24mm	DIF,PS,PS,FNUC,F HALO,PAIR/4224/4235		
<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,MHISB IN CNTR,OVAL PATCH,LNUC		
<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,SM,R-OVAL,SBM,NUC SUSP		
<b>H503-2</b>	<b>NGC 1199</b>	<b>Eri</b>	<b>Galaxy E3:</b>	<b>CB,PS,IR,SMBM</b>
Sep 16 2009	31" 17mmT4	EB,EL,R,BLNUC,HISB,OTHERS,R=E		
Oct 24 1981	12.5" 12mm	DIF,MF,MS,BNUC,GBM,R		
<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>H510-2</b>	<b>NGC 5037</b>	<b>Vir</b>	<b>Galaxy SA(s)a:</b>	<b>CF,PS,VLE,BM</b>
May 09 2010	31" 17mmT4	MB,ML,EL-EDGE ON,FLNUC,F* OFF TIP,ANOTHER VF* OPPOSITE TIP,MANY OTHERS,R=G		
Mar 22 2004	12.5" 12mmT4	MF,MS,EL,FSNUC,F* IN TIP,SBM,PAIR=5044 AND OTHERS,R=F		
<b>H511-2</b>	<b>NGC 5044</b>	<b>Vir</b>	<b>Galaxy E0</b>	<b>PB,PL,R,BM</b>
May 09 2010	31" 17mmT4	MB,ML,OVAL,FVLNUC,S HALO SUR NUC,SBM,NUC UB,SHISB CNTR,MANY OTHERS,R=G		
Mar 22 2004	12.5" 12mmT4	MB,ML,OVAL,PATCH,FLNUC,SHISB CNTR,PAIR=OTHERS,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,FLNUC,SBM,R=F		
<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,EL-OVAL,SOFT LNUC,GMBM,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,EL,BSNUC,SHISB,DUST LANE SUSP,R=G		
<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>

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<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,EL,PATCH,KEEP B* OUT OF FOV,UB,PAIR/1622/1625	
<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,BLNUC,MBM,F TOWARDS ENDS,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 GLXY,SMWHT BM,R=F	
<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,EL,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,BLNUC,SBM,SHISB CNTR,R=F	
<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,BLNUC,HISB CNTR,R=G	
<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,BLNUC,SOF NUC,GRAD BM,MHISB CNTR,F BAR ACROSS NUC,F 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,EL,FLNUC,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,BLNUC,B* IN FOV,GBM,MHISB CNTR,PAIR=3637,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,BLNUC,B* IN FOV,BGM,MHISB CNTR,PAIR=3636,R=G	
<b>H552-2</b>	<b>NGC 3732</b>	<b>Crt</b>	<b>Galaxy SAB(s)0/a:</b>	<b>F,S,R,PSBM,*14SP</b>
Apr 26 2006	31"	17mmT4	PB,ML,R,BLNUC,HISB CNTR,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,BLNUC,B INNER RGN,HISB CNTR,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,EL,B HALO	
<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 BTR 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,FLNUC,GMBM,SHISB,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 CNTR,SOFT LNUC,PAIR=6549,R=G	
Sep 04 2002	12.5"	9mmT6	PB,ML,OVAL,GMBM,MHISB,PAIR/6549	
<b>H558-3</b>	<b>NGC 7492</b>	<b>Aqr</b>	<b>Globular XII</b>	<b>EF,L,BET2D*</b>
Jul 01 2019	36"	17mmT4	(Class XII),VF,ML,PATCH,UB,NND,NO *S CL IN CNTR,EVENLY DISP,R=P	
Jul 10 1981	12.5"	16mm	DIF,PF,VL,F DIF *S	
Sep 10 1980	12.5"	32mm	BARELY VISIBLE	
<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,FLNUC,SBM,R=F	
<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,BLNUC,SHARP ENDS,CNTR BULGE,HISB CNTR,PAIR=IC879,R=G	
<b>H568-2</b>	<b>NGC 4270</b>	<b>Vir</b>	<b>Galaxy S0</b>	<b>PB,S,R</b>
Apr 26 2003	12.5"	9mmT6	PB,PL,EL-OVAL,FNUC,SHISB,SBM,CL,6 OF 9,R=G	
Apr 25 1981	12.5"	24mm	DIF,PF,PS,DARM,PAIR/4273/4281	
<b>H574-2</b>	<b>NGC 5668</b>	<b>Vir</b>	<b>Galaxy SA(s)d</b>	<b>F,PS,VLE,*14INV</b>

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<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>H578-3</b>	<b>NGC 1207</b>	<b>Per</b>	<b>Galaxy SA(rs)b</b>	<b>CF,VS,R,PSB INNPEND</b>
Nov 13 2020	36"	55mm	(II 3 m),EB,EL,FITS NICE IN FOV,~50*S VAR MAG,SC BUT STANDS OUT WELL,OUTER EDGE IC 1805,(11:19pm),R=F	
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	
Aug 17 1982	12.5"	16mm	DIF,PF,PS,FNUC,*NUC SUSP,PATCH	
<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,EL,UB,PATCH,NND,PAIR/5566/5569,R=F	
<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,MHISB,SOFT NUC,GBM,PAIR=5636,R=G	
<b>H585-2</b>	<b>NGC 5864</b>	<b>Vir</b>	<b>Galaxy SB(s)0^? sp</b>	<b>PF,CS,ILE,GBM,*14F</b>
Apr 26 2006	31"	17mmT4	PB,ML,EL,BLNUC,MHISB,* OFF EDGE,CNTR BULGE,HISB CNTR,BM,GMBM,R=G	
<b>H588-2</b>	<b>NGC 665</b>	<b>Psc</b>	<b>Galaxy (R)S0^?</b>	<b>F,S,LE,BM,R</b>
Sep 04 2002	12.5"	9mmT6	PB,PL,GBM,MHISB,OVAL	
<b>H593-2</b>	<b>NGC 1400</b>	<b>Eri</b>	<b>Galaxy SA0-</b>	<b>CB,PS,R,PSMBM</b>
Nov 11 2020	36"	17mmT4	VB,VL,VBLNUC,HISB,GRAN HALO,R=G	
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		
<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>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,EL,UB,B* ON W TIP,B* ON E SIDE,STRETCHES BET 2*S,PREVIOUS * THERE	
Sep 23 1981	12.5"	16mm	EL3B*S SUR GLXY,F 14* ON SE ARM,DIF ARMS,SBM,MB,PS	
Sep 10 1980	12.5"	24mm		
<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,SMWHT BM,R=F	
<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,SLT EL,SBM,PATCHY,F*S SUSP,COMPANION/1177	
Oct 03 1981	12.5"	12mm	EDIF,VF,ES,EL,*NUC SUSP,OBLONG IN SHAPE	
<b>H608-2</b>	<b>NGC 1193</b>	<b>Per</b>	<b>Open Cluster I 2 m</b>	<b>F,CL,ER</b>
Aug 10 2002	12.5"	9mmT6	PF,PS,TIGHT GRP,*S SIM MAG	
<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,LNUC,MHISB,PAIR/2275	
<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	
Sep 24 1981	12.5"	16mm	* IN GLXY N SIDE(13MAG),PATCHY DIF,UB,2-3F*S SUR GLXY	
Oct 31 1980	12.5"	24mm		
Sep 10 1980	12.5"	24mm	B*N PART	
<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 GLXY DIA,SBM,CLASS E3	
Oct 03 1981	12.5"	16mm	DIF,VF,PS,DNUC,F*W PART OF GLXY,SBM,NUC DET	
<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 27 1981	12.5"	16mm	VDIF,MF,PL,BET 2F*S ON OPPOSITE SIDES,NNS,UB,PATCHY-OVAL	
Sep 10 1980	12.5"	24mm		

## Herschel 400 (II) Observations

<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 10 1980	12.5"	24mm		
Sep 09 1980	12.5"	32mm	BET 2 B*S	
<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,SHISB,CNTR PART OF GLXY HISB,TIPS FTR,R=G	
<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 SUR GLXY,R-OVAL,NND,HISB	
Oct 03 1981	12.5"	16mm	DIF,MB,ML,VR,F* SUR GLXY,NND,UB	
Aug 19 1980	12.5"	24mm	EF AND DIF	
Jul 24 1980	12.5"	24mm	LOW SURFACE B,*NUC	
<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 CNTR* 12TH MAG,GRAN NEB,OIII KNOCKS OUT CNTR*,DOESNOT HELP MUCH,R=F	
Sep 06 2002	12.5"	16mm	PB,ML,R,DIF HALO,BM	
Sep 06 2002	12.5"	9mmT6	BM,MHISB,CNTR *	
<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,BLNUC,MHISB CNTR,R=G	
Feb 25 1982	12.5"	16mm	MF,MS,BNUC,BET 3*S SAME MAG,R,SBM,NUC DET,1 OF 5 COMP	
<b>H645-2</b>	<b>NGC 4914</b>	<b>CVn</b>	<b>Galaxy E</b>	<b>PB,CS,R,SMBM,*17NP</b>
May 13 2021	36"	17mmT4	VB,PL,OVAL,BLNUC,MHISB,SMWHT TAPERED ENDS,HISB CNTR,GRAN ARMS,PAIR=N4916,R=G	
Jan 28 1982	12.5"	16mm	EEDIF,VF,PS,OVAL,SMB	
<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,EL,BSNUC,SHISB,HISB CNTR,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 14 2010	31"	17mmT4	PB,ML,EL,BSNUC,MHISB,GRAN ARMS,SBM,HISB CNTR,R=G	
May 06 1981	12.5"	24mm	MB,VL,DNUC,DIM HALO	
<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,BLNUC,MHISB CNTR,PAIRS=PGC'S,R=G	
<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,V EDGE ON,SPIKE LIKE	
<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,MHISB	
<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,SNUC AREA,SBM,R=F	
Mar 06 2003	12.5"	9mmT6	MB,MS,EL,BNUC,BSNUC,SLT HISB,R=F	
<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,EL TO EDGE ON,UB,NND,PAIR=5507,R=G	
<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,MHISB,NND	
<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,EL,PATCH,UB,NND,SHISB,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,F 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,L 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>
Oct 04 2005	31"	17mmT4	MF,VL,OVAL,UB,PATCHY NUC,VF* IN EDGE OF GLXY,R=G	

## Herschel 400 (II) Observations

<b>H692-3</b>	<b>NGC 7171</b>	<b>Aqr</b>	<b>Galaxy SB(rs)b</b>	<b>VF,CL,E124,VGBM</b>
Oct 04 2005	31"	17mmT4	MF,VL,OVAL,UB,PATCHY NUC,VF* IN EDGE OF GLXY,R=G	
Jul 10 1981	12.5"	16mm	DIF,PF,MS,EL,F HALO	
Sep 10 1980	12.5"	16mm		
<b>H693-2</b>	<b>NGC 5481</b>	<b>Boo</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>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,SNUC,R=F	
<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,B HALO	
<b>H695-3</b>	<b>NGC 896</b>	<b>Cas</b>	<b>Brt Nebula E</b>	<b>EF,PL,IF</b>
Nov 13 2020	36"	31mmT5	(Lb 2),DIF,VB,EEL,W/OIII,AWESOME,PATCHY AREAS STAND OUT IN FOV,2-3 FOV'S,DK AREAS THROUGH OUT,(10:55pm),R=GE	
Sep 06 2002	12.5"	9mmT6	PF,EL,B NEB,F HINT OF B AREA COMPARED TO BG,LOCATION GOOD	
<b>H696-3</b>	<b>NGC 7139</b>	<b>Cep</b>	<b>Planetary Neb 3b</b>	<b>VF,CS,R,R</b>
Sep 12 2012	36"	17mmT4	MB,ML,R,UB,W/OIII,SOME PATCHY DARK AREAS,OIII HELPS BRING OUT MORE DETAIL,R=G	
Aug 25 1982	12.5"	24mm	VDIF,VF,ML,R,BARELY VISIBLE IN 24MM,F* IN S PART OF NEB,UB	
<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>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 BTOWARDS CNTR,SEEMS TO BE A WISP IN THE S ARM,MF,MS,DIF	
<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,CNTR BULGE,R=G	
Sep 06 2002	12.5"	9mmT6	MB,ML,EL,SMWHT EDGE ON,HISB CNTR,GMBM,CNTR 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>
Sep 12 2012	36"	17mmT4	PB,ML,R,UB,MHISB,BLUEISH GREEN,NO CNTR*,OIII DARKENS NEB AND BRINGS OUT MORE DET,PATCHY,DARK AREAS,R=E	
Sep 02 2008	31"	17mmT4	PB,ML,R,UB,GREENISH,NO CNTR* TOO F,OIII DOESNOT HELP MUCH,R=E	
Jul 09 1983	12.5"	12mm	VF,PS,2F*S ON EDGE,VR,SOFT UB GLOW	
<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,*NUC,F* IN EDGE OF ARM,R-OVAL,SPR STR SUSP	
<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,L OVAL PATCH UB,F* IN GLXY EDGE,*NUC SUSP	
<b>H716-2</b>	<b>NGC 5371</b>	<b>CVn</b>	<b>Galaxy SBbc</b>	<b>PB,L,R,BMFn</b>
May 13 2021	36"	17mmT4	VB,VL,R,BLNUC,FACE ON,ARMS DET,SPR STR DET,MHISB CNTR,GMBM,GRAN ARMS,F*S IN ARMS,R=E	
Jan 28 1982	12.5"	16mm	DIF,MB,PL,DNUC,2*S OFF W SIDE,1*NE,SNUC,SOME KNTY STR SUSP,R,FACE ON	
<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,BSNUC,MHISB,BVS*NUC,UB THRUT,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,EL-OVAL,BLNUC,HISB CNTR,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>
Mar 27 1982	12.5"	16mm	VDIF,VF,MS,PATCHY,UB,NND	
Feb 25 1982	12.5"	16mm	EDIF,MF,MS,F*N SVRL GLXY DIA,SBM,OVAL,NUC SUSP	
<b>H728-2</b>	<b>NGC 3583</b>	<b>UMa</b>	<b>Galaxy SB(s)b</b>	<b>PB,PL,R,VGMBM</b>
Mar 25 2020	36"	17mmT4	VB,PL,OVAL-R,SBNC,HISB,FACE ON,SVBM,SPR ARMS IN A RING SUR NUC,GRAINY ARMS,PAIR=N3577,R=E	
Mar 21 2020	36"	17mmT4	VB,VL,OVAL-R,BSNUC,MHISB,GRAN ARMS,PATCHY,SPR STR SUSP,PAIR=3357,R=E	
Mar 15 1985	12.5"	12mm	PB,MS,R,SBM,MHISB,B*S SUR OBJECT	

## Herschel 400 (II) Observations

<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,MHISB,B*S SUR OBJECT		
<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,EL,PATCH,VB* CNTR OF NUC,12TH MAG,SS?,L CNTR BULGE,SHISB,R=E		
<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,MF HALO		
<b>H739-3</b>	<b>NGC 6015</b>	<b>Dra</b>	<b>Galaxy SA(s)cd</b>	<b>VF,PL,R,VGBM</b>
Jun 01 2003	12.5" 9mmT6	MB,VL,EL-OVAL,NND,SHISB,F*S IN TIP,CIGAR SHAPE,CNTR BULGE,R=G		
Jul 09 1983	12.5" 16mm	MB,PL,OVAL,MHISB,3F*S OFF TO N,B*NW CLOSE BY,NND		
Jul 22 1981	12.5" 16mm	DIF,OVAL,F* TO N SIDE,SPR STR SUPS,14MAG *		
Jul 14 1980	12.5" 24mm	LOOKS LIKE A S CL,-4 *S?		
Jul 11 1980	12.5" 24mm			
Jun 20 1980	12.5" 24mm			
<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,MHISB,R=G		
<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 GLXY BY NUC,PAIRS=M106/4231/4232,R=F		
<b>H744-3</b>	<b>NGC 6814</b>	<b>Aql</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,PL,R,BM,R</b>
Jul 30 2002	12.5" 12mm	PF,PS,FACE ON,3 F*S SUR OBJECT,SOME SPR STR SUSP,BM		
Aug 31 1984	12.5" 16mm	VDIF,PF,MS,SAME		
Jul 10 1981	12.5" 12mm	DIF,NO STR DET,F* ON W EDGE		
<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,BLNUC,SHISB,HISB CNTR,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,FLNUC,SOFT GLOW,R=G		
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,CNTR BULDGE,R=E		
<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 GLXY,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>
Feb 01 2005	31" 17mmT4	MF,EL,BSNUC,IRR,FARM'S OFF ONE SIDE,2 NUC DET,S B,S F,COMP=2363,R=F		
Dec 21 1981	12.5" 24mm	EDIF,EF,ML,EL,BSNUC		
Sep 18 1980	12.5" 24mm			
<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,BLNUC,HISB CNTR,PAIRS=2495/PGC22463,R=E		
Jan 08 2003	12.5" 9mmT6	MB,ML,FNUC,R,GSBM,F* OFF ONE SIDE		
<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,MHISB		
Jul 14 1980	12.5" 24mm			
Jul 05 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,BLNUC,HISB CNTR,GMBM,R=G		
<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	EL-OVAL,BNUC,MHISB,LNUC AREA,HISB CNTR,R=G		
Jul 09 1983	12.5" 16mm	MB,ML,EL,BNUC,SBM,NO *S,LNUC AREA		

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<b>H757-2</b>	<b>NGC 5879</b>	<b>Dra</b>	<b>Galaxy SA(rs)bc:?</b>	<b>CB,S,E,MBMRN,R</b>
Jul 09 1983	12.5" 16mm	MB,ML,EL,BNUC,SBM,NO *S,LNUC AREA		
Jul 22 1981	12.5" 16mm	DIF,MF,ML,EL TO EDGE ON,GBM,F HALO		
<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	*NUC OR *,OTHERS PRESENT		
Jul 09 1983	12.5" 16mm	MF,PL,EL,UB,SPR STR SUSP,OTHER COMP		
Jul 22 1981	12.5" 16mm	DIF,R,SPR STR SUSP,OTHER GLXY PRESENT		
Jul 14 1980	12.5" 24mm			
Jul 11 1980	12.5" 24mm			
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>
Jun 22 2003	12.5" 9mmT6	PB,PL,R,BNUC,MHISB,BSNUC,FACE ON,SPR STR SUSP,PAIR=IC1251/IC1254,R=G		
Jul 22 1981	12.5" 16mm	ALM *NUC,DIF HALO,F* SUSP N SIDE		
<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 GLXY E SIDE,MHISB,NND		
Oct 31 1980	12.5" 24mm	AMONG FIELD OF RICH *S,UB		
<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,FLNUC,MHISB CNTR,SOME PATCHY AREAS DET,PAIR=MAC,R=G		
<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>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,MHISB,UB,PAIR/3738		
<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 GLXY,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>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,EL,UB,KNOT IN GLXY,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>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,SHISB,F* IN EDGE,SBM,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,BLNUC,F* OFF ONE SIDE,ANOTHER OFF END,MHISB MID,PAIR=MAC,R=G		
<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,BSNUC,SHISB,HISB CNTR,BM,PAIR=4284,R=G		
<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,EL,* BOTH TIPS,SOFT BLNUC,MHISB CNTR,PAIR=PGC52098,R=F		
May 06 1981	12.5" 24mm	MB,MS,BNUC,DIM HALO,*13 MAG EDGE OF GLXY		
<b>H821-2</b>	<b>NGC 2415</b>	<b>Lyn</b>	<b>Galaxy Im?</b>	<b>PB,CS,R,VGVLM,R,</b>
Nov 24 2003	31" 17mmT4	VF,PL,OVAL,BVLNUC,HISB CNTR,FTR HALO DET,HISB,R=E		
Jan 08 2003	12.5" 9mmT6	PB,ML,BNUC,MHISB,R,2F**S BOTH SIDES,GMBM		
<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>H828-2</b>	<b>NGC 2756</b>	<b>UMa</b>	<b>Galaxy Sb</b>	<b>PB,PS,E,VGBM</b>
Mar 06 2003	12.5" 9mmT6	MB,ML,R,BNUC,LNUC AREA,MHISB CNTR,PAIR=PGC25755,R=G		
Jan 08 2003	12.5" 9mmT6	MB,ML,SMHISB,PATCH,OVAL,UB,COMP SUSP		

## Herschel 400 (II) Observations

<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,SMHISB,PATCH,OVAL,UB,COMP SUSP	
<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 CNTR BULGE,R=E	
<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,BSNUC,COMP NOT DET,VF* IN EDGE,GBM,HISB CNTR,FARMSSUSP,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,BSNUC,CNTR BULGE,HISB CNTR,BM,DUST SUSP,R=E	
<b>H853-3</b>	<b>NGC 3073</b>	<b>UMa</b>	<b>Galaxy SAB0-</b>	<b>VF,S,VGLBM</b>
Mar 06 2003	12.5"	9mmT6	PF,PS,OVAL,PATCH,FNUC,PAIR=3079,R=P	
Jan 08 2003	12.5"	9mmT6	MF,MS,BNUC,OVAL,GMBM,B CNTR BULGE,PAIR/3079/PGC28990	
<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>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,BLNUC,GMBM,HISB,PAIR=4106,R=G	
<b>H865-3</b>	<b>NGC 1985</b>	<b>Aur</b>	<b>Brт Nebula R</b>	<b>CF,S,R,PSBM</b>
Dec 20 2003	31"	25mm	MB,MS,B CNTR *,SMWHT MHISB NEBULOUSITY,PATCHY,R=E	
<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,GRP OF GLXY	
Sep 04 2002	12.5"	9mmT6	HISB,B CNTR BULGE,R	
<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>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>
Oct 12 2012	36"	17mmT4	MB,ML,OVAL,LNUC,MHISB,VF* OUTER EDGE IN GLXY,GRADUALLY BIN CNTR,R=FG	
Jun 21 2003	12.5"	9mmT6	VB,VL,BNUC,VHISB,F* OFF TO EDGE,BLNUC,GMBM,R=E	
Jul 06 2002	12.5"	16mm	DIF,PF,MS,OVAL PATCH,UB,12MAG * CLOSE BY	
<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 FT 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>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,EL,PATCH,NND,SHISB,F* OFF ONE SIDE,R=F	
Jan 08 2003	12.5"	9mmT6	DIF,PF,MS,FNUC,OVAL,SBM,F* ON EDGE,L CNTR RGN	
<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	SMWHT EDGE ON,*S N AND S,NO STR SUSP,DIF,PF,MS	
Sep 10 1980	12.5"	24mm		
<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,MHISB,B*CLOSE BY,UB	