

## Ursa Major - The Great Bear

<b>IC 522</b>		<b>Galaxy S0</b>	
Feb 04 2005 31"	17mmT4	MB,PS,R,LARGE BNUC,SHISB,R=G	
<b>IC 644</b>		<b>Galaxy S</b>	<b>EEF,PS,1E,B*SF,SP OF 2</b>
Feb 05 2005 31"	17mmT4	MB,ML,EDGE ON,SMALL FNUC,F* ON TIP,SHISB MIDDLE,GBM,PAIR=3398/OTHERS,R=G	
<b>IC 691</b>		<b>Galaxy I?</b>	
Apr 03 2005 31"	17mmT4	PF,VS,R,SMALL FNUC,R=F	
<b>IC 694</b>		<b>Galaxy SBm? pec</b>	
Apr 07 2008 31"	17mmT4	VF,PL,R,LARGE BNUC,HISB MIDDLE,PAIRS=3690/PGC35345,R=G	
Apr 03 2005 31"	17mmT4	PB,MS,ELONG,SMALL BNUC,HISB MIDDLE,INTERACTING=3690,PAIRS=PGC/MAC,R=G	
Mar 15 1985 12.5"	16mm	INTERACTING WITH 3690	
<b>IC 705</b>		<b>Galaxy C</b>	
Apr 03 2005 31"	17mmT4	MF,PS,R,SMALL BNUC,R=F	
<b>IC 708</b>		<b>Galaxy E</b>	
Apr 19 2014 36"	17mmT4	PB,ML,OVAL,R,LBNUC,MHISB,F* OFF NUC,AGC1314,R=FG	
<b>IC 709</b>		<b>Galaxy E?</b>	
Apr 19 2014 36"	17mmT4	PB,PL,OVAL,R,LBNUC,MHISB,AGC1314,R=FG	
<b>IC 711</b>		<b>Galaxy E?</b>	
Apr 19 2014 36"	17mmT4	MF,ML,OVAL,LFNUC,SHISBB,PAIR=PGC35774,AGC1314,R=F	
<b>IC 712</b>		<b>Galaxy S?</b>	
Apr 19 2014 36"	17mmT4	MF,ML,OVAL,LFNUC,MHISB,MBM,PAIRS=MAC'S,AGC1314,R=F	
<b>IC 758</b>		<b>Galaxy SB(rs)cd:</b>	
Mar 06 2003 12.5"	9mmT6	EDIF,EF,MS,PATCH,AV ONLY,COMES AND GOES,LOCATION GOOD,R=P	
<b>IC 830</b>		<b>Galaxy S?</b>	
Mar 26 2006 31"	17mmT4	MB,MS,OVAL,LARGE BNUC,GMBM,MOD HISB MIDDLE,R=G	
<b>IC 852</b>		<b>Galaxy S0-:</b>	
Apr 14 2004 31"	17mmT4	PF,PS,OVAL,LARGE FNUC,R=F	
<b>IC 853</b>		<b>Galaxy (R')SAB(s)ab</b>	
Apr 14 2004 31"	17mmT4	DIF,MF,PL,PATCH,UB,NND,R=F	
<b>IC 875</b>		<b>Galaxy S0</b>	
Apr 14 2004 31"	17mmT4	MF,MS,OVAL,SMALL BNUC,SBM,R=F	
<b>IC 907</b>		<b>Galaxy SB?b</b>	
Apr 03 2005 31"	17mmT4	PF,MS,EDGE ON,VERY SMALL FNUC,R=F	

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<b>IC</b>	<b>922</b>		<b>Galaxy</b>
Apr 03 2005	31"	17mmT4	PF,VS,PATCH,UB,NND,PAIRS=MAC'S,ABELL 1783,R=P
<b>IC</b>	<b>942</b>		<b>Galaxy E/S0</b>
Apr 03 2005	31"	17mmT4	PF,MS,LARGE FNUC,R=F
<b>IC</b>	<b>951</b>		<b>Galaxy Sd</b>
Apr 03 2005	31"	17mmT4	PF,ML,OVAL,PATCH,UB,NND,R=F
<b>IC</b>	<b>995</b>		<b>Galaxy Sdm:</b>
Jun 01 2003	12.5"	9mmT6	EDIF,EF,ES,AV,SUSP,R=P
Mar 06 2003	12.5"	9mmT6	EDIF,EF,VS,AV AFTER A WHILE,R=P
<b>IC</b>	<b>996</b>		<b>Galaxy Sbc</b>
Jun 01 2003	12.5"	9mmT6	EDIF,EF,ES,PATCH,AV HOLDS,R=P
Mar 06 2003	12.5"	9mmT6	EDIF,EF,VS,AV ONLY,R=P
<b>IC</b>	<b>2458</b>		<b>Galaxy I0 pec:</b>
Apr 14 2004	31"	17mmT4	VF,MS,PATCH,UB,NND,OFF TIP OF NGC2820,PAIRS/2814/2820,R=P
Jan 08 2003	12.5"	9mmT6	EEDIF,EF,ES,SUSP ONLY,PAIR/2814/2820
<b>IC</b>	<b>2574</b>		<b>Galaxy SAB(s)m</b>
Feb 04 2005	31"	17mmT4	PF,PL,OVAL,SHISB,PATCHY AREA,H2 REGION,IRR IN SHAPE,PAIR=MAC,R=F
<b>IC</b>	<b>2600</b>		<b>Galaxy S</b>
Feb 05 2005	31"	17mmT4	PF,MS,ELONG,PATCH,UB,NND,B* IN FOV,PAIRS=IC2601/MAC,R=F
<b>IC</b>	<b>2601</b>		<b>Galaxy S</b>
Feb 05 2005	31"	17mmT4	PF,MS,OVAL,SMALL FNUC,SOMEWHAT BM,PAIRS=IC2600/MAC,R=F
<b>IC</b>	<b>2735</b>		<b>Galaxy Sab</b>
Apr 16 2009	31"	17mmT4	MF,MS,EDGE ON,NND,ONE END THICKER THAN OTHER,AGC 1228,R=F
<b>IC</b>	<b>2738</b>		<b>Galaxy S?</b>
Apr 16 2009	31"	17mmT4	MF,MS,R,SMALL BNUC,BM,MOD HISB MIDDLE,AGC 1228,R=F
<b>IC</b>	<b>2744</b>		<b>Galaxy S0?</b>
Apr 16 2009	31"	17mmT4	MV,PS,R,SMALL FNUC,AGC 1228,R=F
<b>IC</b>	<b>2751</b>		<b>Galaxy Sb</b>
Apr 16 2009	31"	17mmT4	MF,PS,LARG BNUC,SOMEWHAT BM,SOMEWHAT HISB MIDDLE,AGC 1228,R=F
<b>IC</b>	<b>2943</b>		<b>Galaxy Sa?</b>
Apr 04 2005	31"	17mmT4	PB,ML,OVAL,LARGE FNUC,PAIR=3759,R=F
<b>IC</b>	<b>2978</b>		<b>Galaxy Sc</b>
Apr 09 2008	31"	17mmT4	VDIF,EF,PS,PATCH,AV HOLDS,R=P

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<b>IC</b>	<b>2979</b>		<b>Galaxy SB0</b>
Apr 09 2008	31"	17mmT4	PF,PS,R,SMALL BNUC,MBM,PAIR=3986,R=F
<b>MAC</b>	<b>0835+5247</b>		<b>Galaxy</b>
Oct 25 2006	31"	17mmT4	EF,VS,PATCH,NND,PARIS=2606/2602,R=P
Feb 01 2005	31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=2603/2602,R=F
<b>MAC</b>	<b>0855+4904A</b>		<b>Galaxy</b>
Apr 07 2008	31"	17mmT4	EF,VS,PATCH,NND,R=P
<b>MAC</b>	<b>0900+5040</b>		<b>Galaxy</b>
Apr 07 2008	31"	17mmT4	EF,ES,PATCH,JUST OF TIP OF PGC25308,AV,R=P
<b>MAC</b>	<b>0932+5730</b>		<b>Galaxy</b>
Apr 14 2004	31"	17mmT4	DIF,EF,VS,AV,PAIRS/2895/PGC27076,R=P
<b>MAC</b>	<b>1002+5355</b>		<b>Galaxy</b>
Apr 07 2008	31"	17mmT4	EF,VS,PATCH,UB,NND,PAIR=PGC29068,R=P
<b>MAC</b>	<b>1027+6826</b>		<b>Galaxy</b>
Feb 04 2005	31"	17mmT4	PF,PS,PATCH,UB,NND,PAIR=IC2574,R=P
<b>MAC</b>	<b>1039+4754</b>		<b>Galaxy</b>
Feb 23 2006	31"	17mmT4	EF,VS,PATCH,AV,PAIRS=PGC'S,R=P
<b>MAC</b>	<b>1043+4053</b>		<b>Galaxy</b>
Feb 23 2006	31"	17mmT4	VF,VS,PATCH,NND,AV,R=P
<b>MAC</b>	<b>1046+7227</b>		<b>Galaxy</b>
Feb 05 2005	31"	17mmT4	PF,PS,OVAL,SMALL FNUC,PAIRS=3362/PGC32218/MAC,R=P
<b>MAC</b>	<b>1047+7220A</b>		<b>Galaxy</b>
Feb 05 2005	31"	17mmT4	VF,VS,PATCH,UB,NND,KEEP B* OUT OF FOV,PAIRS=IC2600/IC2601,R=P
<b>MAC</b>	<b>1047+7221</b>		<b>Galaxy</b>
Feb 05 2005	31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=3362/PGC32218/MAC,R=P
<b>MAC</b>	<b>1051+5055</b>		<b>Galaxy</b>
Feb 05 2005	31"	17mmT4	VF,PS,PATCH,UB,NND,PAIRS=3406/3410/MAC,R=P
<b>MAC</b>	<b>1051+5523</b>		<b>Galaxy</b>
Feb 05 2005	31"	17mmT4	EF,VS,PTACH,UB,AV,PAIRS=3398/OTHERS,R=P
<b>MAC</b>	<b>1052+5050</b>		<b>Galaxy</b>
Feb 05 2005	31"	17mmT4	VF,PS,PATCH,UB,NND,PAIRS=3406/3410/MAC,R=P
<b>MAC</b>	<b>1052+5524</b>		<b>Galaxy</b>

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**MAC 1052+5524** **Galaxy**  
Feb 05 2005 31" 17mmT4 EF,ES,PATCH,UB,AV,SUSP,PAIRS=3398/OTHERS,R=P

**MAC 1100+5743** **Galaxy**  
Apr 03 2005 31" 17mmT4 VF,VS,PATCH,NND,PAIR=PGC33205,R=P

**MAC 1103+4050** **Galaxy**  
Apr 07 2008 31" 17mmT4 COMP=PGC33423,EF,ES,CAN JUST BARELY DETECT WITH AV,PATCH,NND,R=P

**MAC 1107+5720** **Galaxy**  
Apr 03 2005 31" 17mmT4 VF,VS,PATCH,UB,NND,PAIR=MAC,R=F

**MAC 1108+5708** **Galaxy**  
Apr 03 2005 31" 17mmT4 VF,VS,PATCH,UB,NND,PAIR=3530,R=P

**MAC 1108+5721** **Galaxy**  
Apr 03 2005 31" 17mmT4 VF,VS,PATCH,UB,NND,PAIR=MAC,R=P

**MAC 1109+2816A** **Galaxy**  
Mar 16 2009 31" 17mmT4 EF,ES,NO FIND,SUSP,AGC,R=P

**MAC 1110+2827** **Galaxy**  
Mar 16 2009 31" 17mmT4 PF,PS,OVAL,SMALL NUC,AGC,R=F

**MAC 1110+2828A** **Galaxy**  
Mar 16 2009 31" 17mmT4 VF,VS,PATCH,UB,HARD TO FIND.LOC IN BARREN FIELD,AGC,R=P

**MAC 1110+2828B** **Galaxy**  
Mar 16 2009 31" 17mmT4 EF,VS,PATHC,NND,AV ONLY ONCE,SUSP,AGC,R=P

**MAC 1110+2828C** **Galaxy**  
Mar 16 2009 31" 17mmT4 PF,PS,OVAL,UB,NND,AGC,R=F

**MAC 1110+2829** **Galaxy**  
Mar 16 2009 31" 17mmT4 VF,PS,PATCH,UB,NND,AGC,R=P

**MAC 1110+2830** **Galaxy**  
Mar 16 2009 31" 17mmT4 EF,VS,PATCH,NND,HARD TO HOLD WITH AV,AGC,R=P

**MAC 1110+2833** **Galaxy**  
Mar 16 2009 31" 17mmT4 MF,MS,OVAL,LARGE BNUC,SOMEWHAT BM,AGC,R=F  
Apr 09 2008 31" 17mmT4 VF,PS,PATCH,UB,NND,PAIRS=AGC1185,R=F

**MAC 1110+2834** **Galaxy**  
Mar 16 2009 31" 17mmT4 VF,PS,PATCH,UB,AGC,R=P

**MAC 1110+2837** **Galaxy**

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**MAC 1110+2837****Galaxy**

Mar 16 2009 31" 17mmT4 VF,VS,OVAL,SMALL BNUC,VERY SMALL \*LIKE NUC,AGC,R=P

**MAC 1110+2840****Galaxy**

Mar 16 2009 31" 17mmT4 VF,VS,OVAL,SMALL BNUC,AGC,R=F

**MAC 1110+2841A****Galaxy**

Mar 16 2009 31" 17mmT4 EF,VS,PATHC,UB,AV COMES AND GOES,AGC,R=P

Apr 09 2008 31" 17mmT4 VF,VS,PATCH,NND,PAIRS=AGC1185,R=P

**MAC 1110+2841B****Galaxy**

Mar 16 2009 31" 17mmT4 VF,VS,PATCH,UB,AGC,R=P

Apr 09 2008 31" 17mmT4 VF,VS,PATCH,NND,PAIRS=AGC1185,R=P

**MAC 1110+2841C****Galaxy**

Mar 16 2009 31" 17mmT4 VF,VS,PATCH,UB,AGC,R=P

Apr 09 2008 31" 17mmT4 VF,VS,PATCH,NND,PAIRS=AGC1185,R=P

**MAC 1110+2841D****Galaxy**

Mar 16 2009 31" 17mmT4 EF,VS,PATCH,AV ONLY ONCE,SUSP,AGC,R=P

**MAC 1110+2841E****Galaxy**

Mar 16 2009 31" 17mmT4 VF,ES,PATCH,\* ON EDGE,AGC,R=P

Apr 09 2008 31" 17mmT4 VF,ES,PATCH,UB,NND,\* ON OUTER EDGE,PAIRS=AGC1185,R=P

**MAC 1110+2841F****Galaxy**

Mar 16 2009 31" 17mmT4 VL,VS,ELONG,\*NUC,AGC,R=P

Apr 09 2008 31" 17mmT4 VF,VS,PATCH,UB,NND,PAIRS=AGC1185,R=P

**MAC 1110+2842A****Galaxy**

Mar 16 2009 31" 17mmT4 VF,VS,PATCH,UB,AGC,R=P

**MAC 1110+2842B****Galaxy**

Mar 16 2009 31" 17mmT4 EF,VS,PATCH,AV COMES AND GOES,AGC,R=P

**MAC 1110+2842C****Galaxy**

Mar 16 2009 31" 17mmT4 VF,VS,OVAL,SMALL BNUC,AGC,R=F

Apr 09 2008 31" 17mmT4 PF,PS,OVAL,SMALL FNUC,PAIRS=AGC1185,R=F

**MAC 1110+2842D****Galaxy**

Mar 16 2009 31" 17mmT4 EF,ES,PATCH,AV,AGC,R=P

**MAC 1110+2843A****Galaxy**

Mar 16 2009 31" 17mmT4 LOC GOOD,SUSP,AGC,R=P

**MAC 1110+2843B****Galaxy**

Mar 16 2009 31" 17mmT4 LOC GOOD,SUSP,AGC,R=P

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**MAC 1110+2844 Galaxy**  
 Mar 16 2009 31" 17mmT4 VF,VS,PATCH,UB,NND,AGC,R=P

**MAC 1110+2844A Galaxy**  
 Mar 16 2009 31" 17mmT4 EF,ES,PATCH,AV,SUSP,LOC IN BARRON AREA,AGC,R=P

**MAC 1110+2845A Galaxy**  
 Mar 20 2009 31" 12mmT4 EF,VS,PATCH,TOOK A WHILE FOR AV TO HOLD,AGC,R=P  
 Mar 16 2009 31" 17mmT4 EF,ES,PATCH,AV ONCE,SUSP,AGC,R=P  
 Apr 09 2008 31" 17mmT4 EF,ES,PATCH,UB,AV ONCE ONLY,DOES NOT HOLD,PAIRS=AGC1185,R=P

**MAC 1110+2845B Galaxy**  
 Mar 20 2009 31" 12mmT4 EF,VS,PATCH,TOOK A WHILE FOR AV TO HOLD,AGC,R=P

**MAC 1110+2847 Galaxy**  
 Mar 16 2009 31" 17mmT4 VF,VS,PATCH,UB,AV,AGC,R=P  
 Mar 16 2009 31" 17mmT4 EF,VS,PATCH,AV HARD TO HOLD,AGC,R=P

**MAC 1110+2848 Galaxy**  
 Mar 16 2009 31" 17mmT4 EF,VS,SUSP,AGC,R=P

**MAC 1111+2830 Galaxy**  
 Mar 16 2009 31" 17mmT4 EF,VS,PATCH,AV HOLDS,AGC,R=P

**MAC 1111+2831 Galaxy**  
 Mar 16 2009 31" 17mmT4 EF,ES,PATHC,NND,AV,AGC,R=P

**MAC 1111+2832 Galaxy**  
 Mar 16 2009 31" 17mmT4 VF,VS,PATCH,NND,AV,AGC,R=P

**MAC 1111+2834 Galaxy**  
 Mar 16 2009 31" 17mmT4 VF,VS,PATCH,NND,AV,AGC,R=P

**MAC 1111+2835A Galaxy**  
 Mar 16 2009 31" 17mmT4 EF,VS,PATCH,NND,AV,AGC,R=P

**MAC 1111+2835D Galaxy**  
 Mar 20 2009 31" 12mmT4 EF,VS,PATCH,TOOK A WHILE TO FIND WITH AV,AGC,R=P

**MAC 1111+2836A Galaxy**  
 Mar 16 2009 31" 17mmT4 VF,ES,PATCH,NND,STELLAR,BRT \* ON TOP OF GALAXY,AGC,R=P

**MAC 1111+2836B Galaxy**  
 Mar 16 2009 31" 17mmT4 EF,VS,HARD TO HOLD WITH AV,AGC,R=P

**MAC 1111+2838 Galaxy**  
 Mar 16 2009 31" 17mmT4 VF,VS,PATCH,UB,NND,AV,AGC,R=P

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**MAC 1111+2840 Galaxy**  
Mar 16 2009 31" 17mmT4 VF,PS,PATCH,UB,NND,AGC,R=P

**MAC 1111+2841 Galaxy**  
Mar 16 2009 31" 17mmT4 EF,ES,PATCH,AV,SUSP,AGC,R=P

**MAC 1111+2842 Galaxy**  
Mar 16 2009 31" 17mmT4 EF,VS,PATCH,NND,AV,AGC,R=P

**MAC 1111+2843B Galaxy**  
Mar 20 2009 31" 12mmT4 EF,ES,PATCH,AV ONLYONCE,AGC,R=P

**MAC 1111+2845B Galaxy**  
Mar 16 2009 31" 17mmT4 VF,VS,ELONG,\*NUC,AGC,R=P

**MAC 1111+2848 Galaxy**  
Mar 16 2009 31" 17mmT4 EF,VS,PATCH,NND,HARD TO HOLD WITH AV,AGC,R=P

**MAC 1111+2849 Galaxy**  
Mar 16 2009 31" 17mmT4 EF,VS,PATCH,NND,HARD TO HOLD WITH AV,AGC,R=P

**MAC 1115+2904 Galaxy**  
Mar 17 2009 31" 17mmT4 PF,PS,OVAL,SMALL FNUC,AGC,R=F

**MAC 1115+2914 Galaxy**  
Mar 17 2009 31" 17mmT4 VF,VS,PATCH,AV HOLDS,AGC,R=P

**MAC 1115+2915 Galaxy**  
Mar 17 2009 31" 17mmT4 VF,VS,PATCH,AGC,R=F

**MAC 1115+2916B Galaxy**  
Mar 17 2009 31" 17mmT4 EF,ES,AV,SUSP,AGC,R=P

**MAC 1115+2918 Galaxy**  
Mar 17 2009 31" 17mmT4 EF,VS,PATCH,TOOK A WHILE FOR AV TO FIND,AGC,R=P

**MAC 1115+5539B Galaxy**  
Apr 03 2005 31" 17mmT4 VF,VS,PATCH,UB,NND,R=P

**MAC 1115+5548 Galaxy**  
Apr 03 2005 31" 17mmT4 VF,VS,PATCH,UB,NND,R=P

**MAC 1116+2904 Galaxy**  
Mar 17 2009 31" 17mmT4 VF,VS,PATCH,NND,AGC,R=P

**MAC 1116+2906 Galaxy**  
Mar 17 2009 31" 17mmT4 EF,VS,PATCH,BARRON AREA,AV A FEW TIMES,SUSP,AGC,R=P

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**MAC 1116+2908 Galaxy**  
Mar 17 2009 31" 17mmT4 PF,VS,PATCH,NND,AGC,R=F

**MAC 1116+2909 Galaxy**  
Mar 17 2009 31" 17mmT4 BARRON AREA,NO FIND,LOCATION GOOD,AGC,R=P

**MAC 1116+2909A Galaxy**  
Mar 17 2009 31" 17mmT4 EF,ES,AV ONLY A FEW TIMES,SUSP,AGC,R=P

**MAC 1116+2909B Galaxy**  
Mar 17 2009 31" 17mmT4 EF,VS,PATCH,AV A FEW TIMES,BARRON AREA,SUSP,AGC,R=P

**MAC 1116+2910 Galaxy**  
Mar 17 2009 31" 17mmT4 VF,VS,PATCH,AV FIRST THEN HOLDS,AGC,R=P

**MAC 1116+2911 Galaxy**  
Mar 17 2009 31" 17mmT4 EF,ES,AV ONLY ONCE OR TWICE,SUSP,AGC,R=P

**MAC 1116+2912 Galaxy**  
Mar 17 2009 31" 17mmT4 EF,VS,PATCH,AV FIRST THEN HOLDS,AGC,R=P

**MAC 1116+2914 Galaxy**  
Mar 17 2009 31" 17mmT4 PF,PS,SMALL FNUC,CAN JUST SPLIT THE TWO,AGC,R=F

**MAC 1116+2915A Galaxy**  
Mar 17 2009 31" 17mmT4 PF,PS,SMALL FNUC,CAN JUST SPLIT THE TWO,AGC,R=F

**MAC 1116+2915B Galaxy**  
Mar 17 2009 31" 17mmT4 PF,VS,PATCH,NND,AGC,R=P

**MAC 1116+2918 Galaxy**  
Mar 17 2009 31" 17mmT4 PF,PS,VAL,UB,NND,AGC,R=F

**MAC 1116+2919A Galaxy**  
Mar 17 2009 31" 17mmT4 VF,VS,PATCH,NND,AGC,R=P

**MAC 1116+2919B Galaxy**  
Mar 17 2009 31" 17mmT4 EF,ES,PATCH,AV,AGC,R=P

**MAC 1116+2922 Galaxy**  
Mar 17 2009 31" 17mmT4 EF,ES,PATCH,AV ONLY A FEW TIMES,SUSP,AGC,R=P

**MAC 1116+2926 Galaxy**  
Mar 17 2009 31" 17mmT4 PF,VS,PATCH,UB,NND,AGC,R=P

**MAC 1117+2905 Galaxy**  
Mar 17 2009 31" 17mmT4 PF,PS,OVAL,LARGE FNUC,AGC,R=F



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**MAC 1117+2908** **Galaxy**  
 Mar 17 2009 31" 17mmT4 PF,PS,OVAL,LARGE FNUC,AGC,R=F

**MAC 1119+3419** **Galaxy**  
 Apr 16 2009 31" 17mmT4 PF,VS,R,\*NUC OR \* ON TOP OF GALAXY,AGC 1228,R=P  
 Mar 20 2009 31" 17mmT4 VF,VS,PATCH,VF\* ON OUTTER EDGE,AGC,R=P

**MAC 1120+3110** **Galaxy**  
 Feb 23 2006 31" 17mmT4 VF,VS,PATCH,SMALL FNUC,VERY SMALL NUC,BM,PAIRS=PGC'S,R=F

**MAC 1120+3407** **Galaxy**  
 Mar 20 2009 31" 17mmT4 VF,PS,PATCH,NND,AGC,R=P

**MAC 1120+3408** **Galaxy**  
 Mar 20 2009 31" 17mmT4 EF,ES,SUSP ONLY,AGC,R=P

**MAC 1120+3424** **Galaxy**  
 Apr 16 2009 31" 17mmT4 PF,PS,R,UB,NND,AGC 1228,R=P

**MAC 1120+3429** **Galaxy**  
 Apr 16 2009 31" 17mmT4 PF,PS,OVAL,UB,NND,VF\* OFF SIDE,AGC 1228,R=P

**MAC 1120+3433** **Galaxy**  
 Apr 16 2009 31" 17mmT4 EF,VS,PATCH,SUSP,AGC 1228,R=P

**MAC 1120+3433A** **Galaxy**  
 Apr 16 2009 31" 17mmT4 VF,VS,PATCH,UB,NND,AV,AGC 1228,R=P

**MAC 1120+3435** **Galaxy**  
 Apr 16 2009 31" 17mmT4 EF,VS,PATCH,BARREN AREA,AV A FEW TIMES,AGC 1228,R=P

**MAC 1120+3437** **Galaxy**  
 Apr 16 2009 31" 17mmT4 VF,VS,PATCH,NND,LOC IN BARREN AREA,AV,AGC 1228,R=P

**MAC 1120+3437A** **Galaxy**  
 Apr 16 2009 31" 17mmT4 EF,VS,PATCH,AV A FEW TIMES,TOOK A WHILE,AGC 1228,R=P

**MAC 1120+5749** **Galaxy**  
 Apr 03 2005 31" 17mmT4 EF,VS,PATCH,AV,PAIRS=3625,MAC,R=P

**MAC 1121+3357** **Galaxy**  
 Mar 20 2009 31" 17mmT4 EF,VS,PATCH,TOOK AV A WHILE TO LOCATE,IN BARRON AREA,AGC,R=P

**MAC 1121+3357A** **Galaxy**  
 Mar 20 2009 31" 17mmT4 EF,ES,PATCH,AV ONLY ONCE,AGC,R=P

**MAC 1121+3402** **Galaxy**

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<b>MAC 1121+3402</b>		<b>Galaxy</b>
Mar 20 2009 31"	17mmT4	EF,VS,PATCH,TOOK A WHILE FOR AV.AV FEW TIMES,AGC,R=P
<b>MAC 1121+3406</b>		<b>Galaxy</b>
Mar 20 2009 31"	17mmT4	EF,VS,PATCH,AV ONLY ONCE,AGC,R=P
<b>MAC 1121+3408</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	EF,VS,SUSP,F* CLOSE BY,AGC 1228,R=P
<b>MAC 1121+3411</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	PF,MS,ELONG TO EDGE ON,NND,AGC 1228,R=F
<b>MAC 1121+3412A</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	PF,PS,OVAL,PATCH,NND,CLOSE COMP=MAC,CAN SPLIT THE TWO,AGC 1228,R=F
<b>MAC 1121+3412B</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	PF,PS,OVAL,*NUC,CLOSE COMP=MAC,CAN SPLIT THE TWO,AGC 1228,R=F
<b>MAC 1121+3415</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	EF,VS,PATCH,AV A FEW TIMES,TOOK A WHILE,B* CLOSE BY,AGC 1228,R=P
<b>MAC 1121+3418</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	VF,VS,PATCH,VERY CLOSE TO F*,AV,AGC 1228,R=P
<b>MAC 1121+3421</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	EF,VS,PATCH,TOOK A WHILE FOR AV,AGC 1228,R=P
<b>MAC 1121+3430</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	PF,PS,R,SMALL FNUC,AGC 1228,R=F
<b>MAC 1121+3432</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	PF,PS,R,LARGE FNUC,AGC 1228,R=F
<b>MAC 1121+3434</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	VF,VS,PATHC,UB,NND,AV,AGC 1228,R=P
<b>MAC 1121+3437</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	PF,PS,PATCH,NND,AGC 1228,R=P
<b>MAC 1122+3401</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	MF,PS,OVAL,SMALL BNUC,A VERY BRIGHT MAC GALAXY,AGC 1228,R=F
Mar 20 2009 31"	17mmT4	PF,PS,PATCH,LARGE FNUC,AGC,R=F
<b>MAC 1122+3406</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	EF,PS,PATCH,AV A FEW TIMES,AGC 1228,R=P
<b>MAC 1122+3411</b>		<b>Galaxy</b>

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- MAC 1122+3411** **Galaxy**  
Apr 16 2009 31" 17mmT4 VF,VS,PATCH,UB,AV COMES AND GOES THEN FINALLY HOLDS,AGC 1228,R=P
- MAC 1122+3416** **Galaxy**  
Apr 16 2009 31" 17mmT4 PF,PS,ELONG,PATCH,NND,AGC 1228,R=P
- MAC 1122+3421** **Galaxy**  
Apr 16 2009 31" 17mmT4 PF,PS,SMALL BNUC,ONE OF THE BRTEST MAC OBSERVED TO DATE,AGC 1228,R=F
- MAC 1122+3423** **Galaxy**  
Apr 16 2009 31" 17mmT4 PF,PS,OVAL,PATCH,NND,UB,AGC 1228,R=P
- MAC 1122+3438** **Galaxy**  
Apr 16 2009 31" 17mmT4 EF,VS,SUSP,AGC 1228,R=P
- MAC 1122+3749** **Galaxy**  
Apr 26 2006 31" 17mmT4 EF,VS,PATCH,UB,NND,AV FIRST THEN HOLDS,PAIR=3652,R=P
- MAC 1123+5350** **Galaxy**  
Apr 03 2005 31" 17mmT4 VF,VS,UB,NND,PAIRS=PGC'S/3656,R=P
- MAC 1125+5423** **Galaxy**  
Apr 07 2008 31" 17mmT4 EF,ES,PATHC,AV,PAIR=PGC35129,R=P
- MAC 1126+5706** **Galaxy**  
Apr 03 2005 31" 17mmT4 VF,PS,PATCH,UB,NND,PAIR=3674,R=F
- MAC 1128+5837** **Galaxy**  
Apr 03 2005 31" 17mmT4 EF,VS,PATCH,SUSP,PAIRS=PGC,IC,3690,R=P
- MAC 1132+5307** **Galaxy**  
Feb 23 2006 31" 17mmT4 PF,PS,PATCH,NND,PAIR=3718,R=F
- MAC 1133+5307A** **Galaxy**  
Feb 23 2006 31" 17mmT4 DIF,EF,VS,PATCH,PAIR=MAC,R=P
- MAC 1133+5307B** **Galaxy**  
Feb 23 2006 31" 17mmT4 DIF,EF,VS,PATCH,AV,PAIR=MAC,R=P
- MAC 1133+5308** **Galaxy**  
Feb 23 2006 31" 17mmT4 DIF,EF,VS,PATCH,AV,VERY CLOSE COMP,PAIR=3729,R=P
- MAC 1134+4904A** **Galaxy**  
Apr 19 2014 36" 17mmT4 EF,PS,PATCH,SUSP,PAIRS=IC712/MAC,AGC1314,R=P
- MAC 1134+4904B** **Galaxy**  
Apr 19 2014 36" 17mmT4 PF,PS,PATCH,NND,AGC1314,R=PF

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<b>MAC 1134+4905B</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	VF,VS,PATCH,NND,PAIRS=IC712/MAC,AGC1314,R=PF
<b>MAC 1134+4906B</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	VF,VS,PATCH,UB,NND,AGC1314,R=PF
<b>MAC 1134+4907A</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	VF,VS,PATCH,NND,DOES NOT NEED AV,AGC1314,R=P
<b>MAC 1134+4907B</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	PF,PS,PATCH,UB,NND,AGC1314,R=PF
<b>MAC 1135+4856</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	VF,VS,PATCH,AV FIRST THEN HOLDS,AGC1314,R=P
<b>MAC 1135+4904</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	VF,VS,OVAL,PATCH,AV HOLDS,AGC1314,R=P
<b>MAC 1135+4905B</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	MB,MS,OVAL,UB,NND,SHISB,AGC1314,R=FG
<b>MAC 1135+4905C</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	VF,MS,OVAL,PATCH,AGC1314,R=P
<b>MAC 1135+4912</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	VF,VS,PATCH,NND,AGC1314,R=P
<b>MAC 1135+4917</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	PF,PS,OVAL,SFNUC,OUTSIDE OF AGC1314,R=PF
<b>MAC 1135+5455</b>		<b>Galaxy</b>
Apr 04 2005 31"	17mmT4	PF,VS,PATCH,NND,PAIRS=3737/PGC35811/MAC'S,R=F
<b>MAC 1135+5456A</b>		<b>Galaxy</b>
Apr 04 2005 31"	17mmT4	VF,VS,PATCH,NND,PAIRS=3737/PGC35811/MAC'S,R=P
<b>MAC 1135+5456B</b>		<b>Galaxy</b>
Apr 04 2005 31"	17mmT4	VF,VS,PATCH,NND,PAIRS=3737/PGC35811/MAC'S,R=P
<b>MAC 1135+5457A</b>		<b>Galaxy</b>
Apr 04 2005 31"	17mmT4	VF,VS,PATCH,NND,PAIRS=3737/PGC35811/MAC'S,R=P
<b>MAC 1135+5457B</b>		<b>Galaxy</b>
Apr 04 2005 31"	17mmT4	VF,VS,PATCH,NND,PAIRS=3737/PGC35811/MAC'S,R=P
<b>MAC 1136+5503</b>		<b>Galaxy</b>
Apr 04 2005 31"	17mmT4	PF,PS,OVAL,UB,NND,CLOSE PAIR=PGC35872,R=F

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<b>MAC 1136+5508B</b>		<b>Galaxy</b>
Apr 04 2005 31"	17mmT4	PF,PS,ELONG,NND,PAIR=3759A,R=F
<b>MAC 1144+5534</b>		<b>Galaxy</b>
Feb 23 2006 31"	17mmT4	VF,VS,PATCH,NND,AV,PAIRS=3846/MAC,R=P
<b>MAC 1144+5537</b>		<b>Galaxy</b>
Feb 23 2006 31"	17mmT4	PF,PS,ELONG,PATCH,UB,NND,PAIRS=3846/MAC,R=F
<b>MAC 1145+5548</b>		<b>Galaxy</b>
Feb 23 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIR=3850,R=P
<b>MAC 1147+5559</b>		<b>Galaxy</b>
Feb 23 2006 31"	17mmT4	VF,PS,ELONG,SMALL FNUC,PAIRS=3888/3889/PGC,R=P
<b>MAC 1150+5157</b>		<b>Galaxy</b>
Mar 04 2006 31"	17mmT4	PF,MS,OVAL,LARGE FNUC,PAIR=3931,R=F
<b>MAC 1151+5200</b>		<b>Galaxy</b>
Mar 04 2006 31"	17mmT4	EF,VS,SUSP,PAIR=PGC37168,R=P
<b>MAC 1157+3621</b>		<b>Galaxy</b>
Apr 09 2008 31"	17mmT4	EDIF,EF,VS,PATCH,AV COMES AND GOES,PAIRS=PGC'S/MAC,R=P
Apr 09 2008 31"	17mmT4	EF,ES,PATCH,AV COMES AND GOES,PAIRS=PGC'S/MAC,R=P
<b>MAC 1157+3622</b>		<b>Galaxy</b>
Apr 09 2008 31"	17mmT4	EF,VS,UB,INTERACT=PGC37639,CAN JUST BARELY SPERATE,R=P
Apr 09 2008 31"	17mmT4	VF,VS,OVAL,UB,NNC,COMP=PGC37639,R=P
<b>MAC 1157+4349C</b>		<b>Galaxy</b>
Apr 26 2006 31"	17mmT4	PF,PS,PATCH,UB,NND,PAIR=MAC,R=P
<b>MAC 1158+4349A</b>		<b>Galaxy</b>
Apr 26 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIR=MAC,AV,R=P
<b>MAC 1203+5149</b>		<b>Galaxy</b>
Apr 09 2008 31"	17mmT4	EF,ES,PATCH,PAIRS=AGC1452,R=P
<b>MAC 1204+5147</b>		<b>Galaxy</b>
Apr 09 2008 31"	17mmT4	EF,ES,PATCH,PAIRS=AGC1452,R=P
<b>MAC 1204+5150</b>		<b>Galaxy</b>
Apr 09 2008 31"	17mmT4	EF,VS,PATCH,PAIRS=AGC1452,R=P
<b>MAC 1219+5643</b>		<b>Galaxy</b>
Feb 04 2005 31"	17mmT4	EF,VS,AV,SUSP,PAIR=4271,R=P

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<b>MAC 1223+5814</b>		<b>Galaxy</b>
Feb 04 2005 31"	17mmT4	EF,VS,PATCH,NND,AV,PAIRS=4358/4362/4364,R=P
<b>MAC 1243+5453</b>		<b>Galaxy</b>
Mar 26 2006 31"	17mmT4	EF,VS,PATCH,UB,NND,PAIR=4646,R=P
<b>MAC 1305+5341</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	EF,ES,PATCH,PAIRS=4973 GROUP,R=P
<b>MAC 1305+5342</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	EF,ES,PATCH,AV,PAIRS=4973 GROUP,R=P
<b>MAC 1306+5328</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	VF,ES,STELLAR,R=P
<b>MAC 1306+5331</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	VDIF,EF,ES,PATCH,AV,PAIR=PGC45337,R=P
<b>MAC 1306+5332</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	VF,VS,OVAL,VERY SMALL FNUC,R=P
<b>MAC 1306+5339</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	DIF,EF,MS,PATCH,UB,NND,PAIRS=4973 GROUP,R=P
<b>MAC 1309+5322</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	VF,VS,PATCH,LOCATED IN BARRON FOV,R=P
<b>MAC 1326+5529</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	VF,VS,PAIR=5164,R=P
<b>MAC 1329+5826</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	EF,VS,PATCH,CLOSE COMP=5204,EXTENSION OF 5204,R=P
<b>MAC 1330+5829</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	VF,VS,PATCH,PAIRS=MAC,5204,R=P
<b>MAC 1332+6234</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	VF,VS,PATCH,R=P
<b>MAC 1332+6240</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	EF,ES,PATCH,AV,R=P
<b>MAC 1342+5531A</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	PATCH,SUSP,PAIRS=PGC48570/MAC,R=P
<b>MAC 1342+5531B</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	PATCH,SUSP,PAIRS=PGC48570/MAC,R=P

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<b>MAC 1342+5536</b>		<b>Galaxy</b>	
Apr 03 2005 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=IC922/MAC,R=F	
<b>MAC 1343+5537A</b>		<b>Galaxy</b>	
Apr 03 2005 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=IC922/MAC,R=P	
<b>MAC 1343+5538A</b>		<b>Galaxy</b>	
Apr 03 2005 31"	17mmT4	VF,PS,PATCH,NND,PAIRS=MAC'S,R=P	
<b>MAC 1343+5538B</b>		<b>Galaxy</b>	
Apr 03 2005 31"	17mmT4	EF,VS,PATCH,NND,AV,PAIRS=MAC'S,R=P	
<b>MAC 1343+5538C</b>		<b>Galaxy</b>	
Apr 03 2005 31"	17mmT4	DIF,EF,MS,PATCH,AV,PAIRS=MAC'S,R=P	
<b>MAC 1344+5537</b>		<b>Galaxy</b>	
Apr 03 2005 31"	17mmT4	VF,VS,PATCH,UB,NND,R=P	
<b>MAC 1344+5542</b>		<b>Galaxy</b>	
Apr 03 2005 31"	17mmT4	EF,ES,PATCH,NND,AV,R=P	
<b>MAC 1353+5838</b>		<b>Galaxy</b>	
May 16 2004 31"	17mmT4	VF,VS,PATCH,NND,R=P	
<b>MAC 1354+5416</b>		<b>Galaxy</b>	
May 16 2004 31"	17mmT4	EF,ES,PATCH,AV,PAIR=5368,R=P	
<b>MAC 1354+5428</b>		<b>Galaxy</b>	
May 16 2004 31"	17mmT4	EF,ES,PATCH,UB,NND,CLOSE TO *,R=P	
<b>MAC 1355+5927A</b>		<b>Galaxy</b>	
May 16 2004 31"	17mmT4	VF,VS,PATCH,NND,PAIR=5376,R=P	
<b>MAC 1355+5930</b>		<b>Galaxy</b>	
May 16 2004 31"	17mmT4	VF,VS,PATCH,NND,PAIR=5376,R=P	
<b>MAC 1404+5423B</b>		<b>Galaxy</b>	
May 16 2004 31"	17mmT4	VF,VS,PATCH,UB,PAIR=5471,R=P	
<b>NGC 2600</b>		<b>Galaxy Sb</b>	<b>NO DESCRIP</b>
Oct 25 2006 31"	17mmT4	PF,MS,ELONG,PATCH,UB,NND,R=F	
Feb 01 2005 31"	17mmT4	PF,PS,EDGE ON,PATCH,UB,NND,R=F	
<b>NGC 2602</b>		<b>Galaxy</b>	<b>EF,S,R,*P</b>
Oct 25 2006 31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,PAIRS=2606/MAC,R=F	
Feb 01 2005 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=2603/MAC,R=F	

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<b>NGC 2603</b>		<b>Galaxy S</b>	<b>EF,VS,</b>
Feb 01 2005 31"	17mmT4	MF,MS,OVAL,PATCH,LARGE FNUC,PAIRS=2602/MAC,R=F	
<b>NGC 2606</b>		<b>Galaxy Sbc</b>	<b>CF,S,R,*NF</b>
Oct 25 2006 31"	17mmT4	PF,PS,OVAL,UB,NND,PAIRS=2602/MAC,R=F	
<b>NGC 2614</b>		<b>Galaxy SA(r)c:</b>	<b>EF,PS,R</b>
Feb 01 2005 31"	17mmT4	VDIF,VF,VL,OVAL,PATCH,UB,NND,F* IN EDGE,R=P	
<b>NGC 2629</b>		<b>H982-3 Galaxy SA(r)0^:</b>	<b>VF,S,STELLAR</b>
Feb 01 2005 31"	17mmT4	MB,MS,R,LARGE BNUC,HISB,PAIR=2641,R=G	
<b>NGC 2630</b>		<b>Galaxy Sbc</b>	<b>2VF,VS,V NR 2629</b>
Feb 01 2005 31"	17mmT4	PF,MS,ELONG,PATCH,UB,NND,R=F	
<b>NGC 2639</b>		<b>H204-1 Galaxy (R)SA(r)a:?</b>	<b>CB,S,E130,PSMBM</b>
Mar 15 1985 12.5"	16mm	PF,PS,ELONG,SBM,NO *S,FORMS TRI WITH 2 OTHER *S	
Dec 03 1980 12.5"	24mm		
<b>NGC 2641</b>		<b>H983-3 Galaxy S0:</b>	<b>VF,S,STELLAR</b>
Feb 01 2005 31"	17mmT4	MF,MS,R,LARGE FNUC,PAIR=2629,R=F	
<b>NGC 2650</b>		<b>H908-2 Galaxy SB(rs)b:</b>	<b>PB,PL,IF,ER</b>
Feb 04 2005 31"	17mmT4	MB,MS,R,LARGE BNUC,LOC IN TRI OF *S,HISB MIDDLE,BM,R=G	
<b>NGC 2654</b>		<b>Galaxy SBab: sp</b>	<b>PF,S,F*IN M,F*NR SP</b>
Mar 15 1985 12.5"	16mm	PF,PS,EDGE ON,BNUC	
<b>NGC 2656</b>		<b>Galaxy SA0- pec:</b>	<b>EF,PSBM</b>
Feb 01 2005 31"	17mmT4	PF,MS,OVAL,PATCH,SMALL FNUC,R=F	
<b>NGC 2675</b>		<b>Galaxy E</b>	<b>VF,R,*15P 12S</b>
Feb 04 2005 31"	17mmT4	MB,MS,R,LARGE BNUC,SHISB MIDDLE,GMBM,R=G	
<b>NGC 2681</b>		<b>H242-1 Galaxy (R')SAB(rs)0/a</b>	<b>VB,VL,VG,VSMBM*10</b>
Mar 15 1985 12.5"	16mm	SAME	
Oct 16 1982 12.5"	16mm	MB,MS,R,GMBM,BNUC,2F*S W,1F* E	
Dec 03 1980 12.5"	24mm		
<b>NGC 2684</b>		<b>H712-3 Galaxy S?</b>	<b>F,PL,R,GBM,45*NR</b>
Apr 07 2008 31"	17mmT4	MF,PL,R,LARGE FNUC,MOD HISB,PAIRS=NGC'S,R=G	
<b>NGC 2685</b>		<b>Galaxy (R)SB0+ pec</b>	<b>PF,R,F*INCENTRE</b>
Mar 15 1985 12.5"	12mm	DIF,VF,VS,EDGE ON,BNUC,LARGE CENTRAL REGION,TAPPERED ENDS,FAINT GLOW AROUND NUC	
<b>NGC 2686A</b>		<b>Galaxy</b>	<b>VF,VS,D OR*CLOSE F</b>
Apr 07 2008 31"	17mmT4	PF,PS,OVAL,UB,NND,INTERACTING=2686B,CAN BARELY SEPERATE TWO,PAIRS=NGC'S,R=F	



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<b>NGC 2686B</b>		<b>Galaxy</b>	
Apr 07 2008 31"	17mmT4	EF,VS,OVAL,UB,NND,INTERACTING=2686B,CAN BARELY SEPERATE TWO,PAIRS=NGC'S,R=P	
<b>NGC 2687A</b>		<b>Galaxy S</b>	<b>VS</b>
Apr 07 2008 31"	17mmT4	EF,VS,NND,SUSP,ON TOP OF 2687B,DID NOT DET,PAIRS=NGC'S,R=P	
<b>NGC 2687B</b>		<b>Galaxy S</b>	
Apr 07 2008 31"	17mmT4	PF,PS,OVAL,UB,NND,CLOSE PAIR=2687A,PAIRS=NGC'S,R=F	
<b>NGC 2692</b>		<b>H831-3</b>	<b>Galaxy SBab:</b>
Feb 04 2005 31"	17mmT4	MB,PS,OVAL,R,LARGE BNUC,SHISB,*S OFF TO SIDE,PAIR=PGC25130,R=G	<b>VF,S,R,PSBM</b>
<b>NGC 2693</b>		<b>H823-2</b>	<b>Galaxy E3:</b>
Feb 04 2005 31"	17mmT4	VB,PL,LARGE BNUC,MOD HISB,PAIR=2694,R=G	<b>PB,LE,PSMBM</b>
Mar 15 1985 12.5"	12mm	DIF,VF,VS,SMALL OVAL PATCH,NO *S	
Dec 03 1980 12.5"	24mm		
<b>NGC 2694</b>		<b>Galaxy E1</b>	<b>VF,VS,1'S OF2693</b>
Feb 04 2005 31"	17mmT4	MB,MS,R,PATCH,UB,NND,SHISB,PAIR=2693,R=F	
<b>NGC 2701</b>		<b>H66-4</b>	<b>Galaxy SAB(rs)c:</b>
Mar 15 1985 12.5"	12mm	EDIF,VF,MS,OVAL PATCH,UB,B* IN S PART,NND,SN?	<b>PB,FANSHAPED,*11ATT</b>
<b>NGC 2710</b>		<b>H841-3</b>	<b>Galaxy SB(rs)b</b>
Feb 04 2005 31"	17mmT4	PB,PL,ELONG,PATCH,UB,NND,R=G	<b>VF,S</b>
<b>NGC 2726</b>		<b>H834-2</b>	<b>Galaxy Sa?</b>
Mar 06 2003 12.5"	9mmT6	MF,ML,EL,UB,NND,MOD HISB,VF* IN GAL,SOMEWHAT BROKEN,R=G	<b>CF,PS,IR,ER</b>
<b>NGC 2739</b>		<b>Galaxy Sa</b>	<b>VF,S,R,NP 2740</b>
Mar 06 2003 12.5"	9mmT6	VDIF,EF,VS,PATCH,AV,PAIR=2740,R=P	
<b>NGC 2740</b>		<b>Galaxy S?</b>	<b>VF,PS,R</b>
Mar 06 2003 12.5"	9mmT6	VDIF,EF,PS,PATCH,VF* CLOSE TO GAL,PAIR=2739,R=P	
<b>NGC 2742</b>		<b>H249-1</b>	<b>Galaxy SA(s)c:</b>
Mar 06 2003 12.5"	9mmT6	VB,VL,OVAL,NND,MOD HISB,PATCHY,SPR STR SUSP,R=E	<b>CB,CL,E90,ER</b>
Mar 15 1985 12.5"	16mm	DIF,PF,PS,PATCHY-OVAL,NND,UB,3F*S TO S 1 GAL DIA	
Oct 16 1982 12.5"	16mm	TRI OF 3F*S OFF TO E	
Oct 16 1982 12.5"	24mm	DIF,MF,ML,UB,OVAL,SAME 24MM FIELD W/2768	
<b>NGC 2742A</b>		<b>Galaxy SB(s)b pec?</b>	
Mar 06 2003 12.5"	9mmT6	MF,ML,OVAL,PATCH,NND,SLIGHTLY HISB,R=F	
<b>NGC 2756</b>		<b>H828-2</b>	<b>Galaxy Sb</b>
Mar 06 2003 12.5"	9mmT6	MB,ML,R,BNUC,LARGE NUC AREA,MOD HISB MIDDLE,PAIR=PGC25755,R=G	<b>PB,PS,E,VGBM</b>
Jan 08 2003 12.5"	9mmT6	MB,ML,SMOD HISB,PATCH,OVAL,UB,COMP SUSP	

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<b>NGC 2762</b>		<b>Galaxy S</b>	<b>VVF,S,R,1ST OF 4</b>
Dec 07 2005 31"	17mmT4	VF,MS,ELONG,PATCH,UB,NND,PAIR=2767,R=P	
<b>NGC 2767</b>		<b>Galaxy S?</b>	<b>VF,SBM*15,2ND OF 4</b>
Mar 06 2003 12.5"	9mmT6	MB,PS,R,BNUC,PAIR/2771/2769,R=F	
<b>NGC 2768</b>		<b>H250-1 Galaxy E6:</b>	<b>CB,CL,LE,PSBMLBN</b>
Mar 06 2003 12.5"	9mmT6	VB,VL,OVAL,BNUC,HISB,DUST EXPECTED,GMBM,STELL NUC,HISB MIDDLE,MOD HISB ARMS,R=E	
Mar 15 1985 12.5"	16mm	MB,PL,OVAL,PATCHY,MOD HISB TOWARDS MIDDLE,NO *S	
Oct 16 1982 12.5"	12mm	MB,ML,2F*S OFF TO S,2B*S ON BOTH SIDES,ELONG,MBM,TAPPERED,BNUC	
Dec 03 1980 12.5"	24mm		
<b>NGC 2769</b>		<b>Galaxy Sa</b>	<b>PF,S,E,PSLBM,3RD OF 4</b>
Mar 06 2003 12.5"	9mmT6	B,ML,ELONG,EDGE ON,FNUC,PAIR/2771/2767,R=F	
<b>NGC 2771</b>		<b>Galaxy (R')SB(r)ab</b>	<b>VF,S,LE,4TH OF 4</b>
Mar 06 2003 12.5"	9mmT6	MB,PL,OVAL,PATCH,FNUC,MOD HISB,PAIR/2769/2767,R=F	
<b>NGC 2787</b>		<b>H216-1 Galaxy SB(r)0+</b>	<b>B,PL,LE90,MBM,R,*INV</b>
Mar 26 2003 12.5"	9mmT6	PB,ML,R,MHISB,FACE ON,F* IN GAL ARMS,GBM,SPR STR SUSP,R=E	
Mar 15 1985 12.5"	12mm	SAME,F* IN E SIDE NOT DET	
Oct 16 1982 12.5"	12mm	R,GMBM,ANOTHER F* IN EASTERN PART	
Oct 16 1982 12.5"	16mm	MB,MS,BNUC,OVAL,F* IN S PART,HISB MIDDLE	
<b>NGC 2800</b>		<b>H832-3 Galaxy E</b>	<b>VF,S,LE,*ATT,*INV</b>
Mar 26 2003 12.5"	9mmT6	PB,MS,OVAL,NND,BRT * IN GAL,R=G	
<b>NGC 2805</b>		<b>H878-3 Galaxy SAB(rs)d</b>	<b>VF,L,R,MBM</b>
Apr 14 2004 31"	17mmT4	DIF,PF,VL,PATCH,UB,NND,R=F	
Jan 08 2003 12.5"	9mmT6	DIF,PF,PL,FNUC,R,UB WITH FAINT NUC,OVAL	
<b>NGC 2810</b>		<b>H749-3 Galaxy E</b>	<b>F,CS,BM</b>
Apr 14 2004 31"	17mmT4	MB,ML,R,LARG BNUC,HISB MIDDLE,R=G	
<b>NGC 2814</b>		<b>H868-2 Galaxy Sb:</b>	<b>F,S,IF,1ST OF 2</b>
Apr 14 2004 31"	17mmT4	MB,ML,ELONG,LARGE FNUC,SHISB,PAIRS/IC2458/2820,R=G	
Jan 08 2003 12.5"	9mmT6	MF,PL,ELONG,OVAL,NND,SLIGHTLY HISB,PAIR/2820/IC2458	
<b>NGC 2820</b>		<b>H869-2 Galaxy SB(s)c pec sp</b>	<b>F,S,E,2ND OF 2</b>
Apr 14 2004 31"	17mmT4	MB,VL,EDGE ON,UB,NND,SHISB,PAIRS/IC2458/2814,R=E	
Jan 08 2003 12.5"	9mmT6	MB,ML,NICE EDGE ON,DUST SUSP,AREAS BROKEN,NND,SOMEWHAT HISB,PAIR/IC2458/2814	
<b>NGC 2841</b>		<b>H205-1 Galaxy SA(r)b:</b>	<b>VB,L,VME151,VSMBM*10</b>
Apr 14 2004 31"	17mmT4	VB,EL,ELONG,LARGE BNUC,HISB,LARGE AREA OF ARMS,DUST SUSP,* IN TIP,R=E	
Mar 15 1985 12.5"	12mm	SAME,ALL *S PRESENT	
Oct 16 1982 12.5"	12mm	FAINTER * OFF NE,SAME	
Oct 16 1982 12.5"	16mm	VB,ML,ELONG,BNUC,F* IN N TIP,F*NW,GMBM,DIF HALO,VF*N	

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<b>NGC 2841</b> Dec 03 1980 12.5" 24mm	<b>H205-1</b>	<b>Galaxy SA(r)b:</b>	<b>VB,L,VME151,VSMBM*10</b>
<b>NGC 2854</b> Apr 07 2008 31" 17mmT4	<b>H714-3</b>	<b>Galaxy SB(s)b</b> PB,PL,ELONG,UB,NND,HISB,PAIR=2856,R=G	<b>CF,CS,VLE,PGLBM</b>
<b>NGC 2856</b> Apr 07 2008 31" 17mmT4	<b>H713-3</b>	<b>Galaxy S?</b> PB,PL,OVAL,UB,NND,HISB,PAIR=2854,R=G	<b>CF,CS,LE,BM</b>
<b>NGC 2857</b> Apr 07 2008 31" 17mmT4		<b>Galaxy SA(s)c</b> DIF,VF,VL,OVAL,R,UB,NND,3F*S ON EDGE,R=F	<b>VF,PL,4ST P</b>
<b>NGC 2870</b> Apr 14 2004 31" 17mmT4	<b>H846-3</b>	<b>Galaxy Sbc</b> MF,ML,ELONG,UB,F* IN TIP,SLIGHTLY BM,R=G	<b>CF,S,E,VGLBM</b>
<b>NGC 2880</b> Apr 14 2004 31" 17mmT4 Mar 15 1985 12.5" 12mm	<b>H260-1</b>	<b>Galaxy SB0-</b> PB,ML,R,LARGE BNUC,HISB,GRADUADLY MBM,PAIR=PGC26940,R=G DIF,PF,VS,OVAL-R,BM,LINE OF F*S TO N,B* OFF TO E	<b>B,CS,R,MBM,AM ST</b>
<b>NGC 2892</b> Apr 14 2004 31" 17mmT4		<b>Galaxy E+ pec:</b> MB,ML,R,LARGE BNUC,HISB MIDDLE,R=G	<b>PF,PS,R,LBM</b>
<b>NGC 2895</b> Apr 14 2004 31" 17mmT4		<b>Galaxy SBc</b> MF,MS,OVAL,PATCH.UB,NND,PAIRS/MAC/PGC27076,STELLAR NUC,R=F	<b>VF,VS,R,VGBM,D*7'S</b>
<b>NGC 2950</b> Apr 14 2004 31" 17mmT4 Mar 15 1985 12.5" 12mm Oct 16 1982 12.5" 12mm Dec 03 1980 12.5" 24mm Aug 22 1980 12.5" 24mm	<b>H68-4</b>	<b>Galaxy (R)SB(r)0^</b> MF,PS,R,LARGE BNUC,SEVERAL F*S ON EDGE OF HALO,HISB MIDDLE,GMBM,R=G SAME,PF,VS,BNUC,R,BM,NO *S CLOSE IN MF,PS,BNUC,* OFF NW SEVERAL GAL DIA,GMBM,OVAL	<b>B,PS,R,VGVMBMN</b>
<b>NGC 2959</b> Apr 14 2004 31" 17mmT4		<b>Galaxy (R')SAB(rs)ab p</b> MF,ML,LARGE BNUC,PAIR=2961,R=G	<b>F,PL,R,VGLBM,ST N</b>
<b>NGC 2961</b> Apr 14 2004 31" 17mmT4		<b>Galaxy Sb:</b> PF,ML,ELONG,PATCH,UB,NND,PAIR=2959,R=F	<b>CF,S,LE,NF2959</b>
<b>NGC 2976</b> Apr 14 2004 31" 17mmT4 Mar 15 1985 12.5" 16mm Mar 27 1981 12.5" 24mm Dec 03 1980 12.5" 24mm Aug 22 1980 12.5" 24mm	<b>H285-1</b>	<b>Galaxy SAc pec</b> MB,VL,PATCH,UB,MOD HISB,VERY UNIQUE IN APPEARANCE,3*S AROUND EDGE,RECT,R=E IRR,DIF,PF,VL,ELONG,PATCH,F* S EDGE BY NUC,UB F* IN OUTER ARM REGION	<b>B,VL,ME152,ST INV</b>
<b>NGC 2985</b> Apr 14 2004 31" 17mmT4	<b>H78-1</b>	<b>Galaxy (R')SA(rs)ab</b> VB,PL,R,LARGE BNUC,MOD HISB,HISB MIDDLE,R=E	<b>VB,CL,R,PSMBM,*INV F</b>

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<b>NGC 2985</b>		<b>H78-1</b>	<b>Galaxy (R')SA(rs)ab</b>	<b>VB,CL,R,PSMBM,*INV F</b>
Mar 15 1985 12.5"	12mm	PB,MS,BNUC,F*E SIDE,R,VMBM		
Dec 03 1980 12.5"	24mm	F* IN ARM REGION		
Aug 22 1980 12.5"	24mm			
<b>NGC 2998</b>		<b>H717-2</b>	<b>Galaxy SAB(rs)c</b>	<b>PF,PL,E51,BMN,R</b>
Mar 06 2010 31"	17mmT4	PB,PL,ELONG,UB,NND,HISB,PAIRS=NGC'S,R=G		
Mar 15 1985 12.5"	16mm	NO FIND,CIRCLES GOOD		
<b>NGC 3005</b>			<b>Galaxy Sb</b>	<b>VF,PS,E NNPSSF</b>
Mar 06 2010 31"	17mmT4	MF,ML,EDGE ON,UB,NND,PAIRS=NGC'S,R=F		
<b>NGC 3006</b>			<b>Galaxy Spiral</b>	<b>VF,S,STELLAR</b>
Mar 06 2010 31"	17mmT4	MF,MS,EDGE ON,NND,UB,PAIRS=NGC'S,R=F		
<b>NGC 3008</b>			<b>Galaxy Sb</b>	<b>PF,S,E,*13,14 P1'</b>
Mar 06 2010 31"	17mmT4	MB,MS,ELONG,*NUC,HISB CENGRAL REGION,PAIRS=NGC'S,R=F		
<b>NGC 3009</b>			<b>Galaxy S?</b>	<b>PF,R,BM,R,P OF 2</b>
Jan 29 2014 36"	17mmT4	MF,MS,R,VERY SMALL FNUC,R=F		
<b>NGC 3010</b>			<b>Galaxy Triple System</b>	<b>F,PSBM,RR,F OF 2</b>
Jan 29 2014 36"	17mmT4	PF,VS,OVAL,LARGE FNUC,PAIRS=PGC28330;PGC28340,R=F		
<b>NGC 3027</b>		<b>H23-5</b>	<b>Galaxy SB(rs)d:</b>	<b>VF,VL,LE,R</b>
Apr 14 2004 31"	17mmT4	DIF,MF,VL,ELONG,PATCH,NND,BAR IN GAL SUSP,CENTRAL AREA,R=F		
<b>NGC 3031</b>	<b>M81</b>		<b>Galaxy SA(s)ab</b>	<b>EB,EL,E156,GSVMBMBN 2</b>
Jan 29 2014 36"	17mmT4	M81,EB,EEL,OVAL,VERY LBNUC,HISB,FT ARMS ARCHING AROUND NUC,FILLS FOV,MANY **S IN GAL,R=E		
Mar 08 2013 36"	17mmT4	MESSIER MARATHON 2013		
Feb 04 2005 31"	17mmT4	EB,EL,ELONG,LARGE BNUC,HISB,TIGHT CORE,ARMS,R=E		
Apr 14 2004 31"	17mmT4	EF,EL,LARGE BNUC,HISB,M81,R=E		
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 15 1985 12.5"	16mm	VB,VL,ELONG,BNUC,LARGE SOFT NUC,VMBM,1F*S TIP,FAINT HALO TO TAPPED ENDS		
Mar 02 1984 10"	20mm	SAME		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Dec 03 1980 12.5"	24mm			
Oct 31 1980 12.5"	24mm			
Oct 29 1980 8"	24mm			
Sep 18 1980 12.5"	24mm			
Sep 10 1980 12.5"	24mm			
Sep 09 1980 12.5"	24mm			
Aug 22 1980 12.5"	24mm			
<b>NGC 3034</b>	<b>M82</b>	<b>H79-4</b>	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
Jan 29 2014 36"	17mmT4	M82,EB,EL,EDGE ON,HISB,PATCHES,NUC REG FRAGMENTED,DUST,DETAIL IN ARMS,SN IN ARM ~ 10.5MAG,R=EE		

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<b>NGC 3034</b>	<b>M82</b>	<b>H79-4</b>	<b>Galaxy I0 sp</b>	<b>VB,VL,VME(RAY)</b>
Mar 08 2013 36"	17mmT4	MESSIER MARATHON 2013		
Feb 04 2005 31"	17mmT4	EB,EL,EDGE ON,HISB,EDGE TO EDGE IN FOV,PATCHY,DUST,NUC BROKEN,BEST TO DATE,R=E		
Apr 14 2004 31"	17mmT4	EF,EL,HISB,BEST EVER TODATE,NUC AREA PATCHY,DARK AREAS,BROKEN PARTS,R=E		
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 15 1985 12.5"	12mm	SAME,IRR		
Mar 02 1984 10"	20mm	VB,VL,EDGE ON,HISB,B* OFF ONE TIP,DARK PATCHES		
Oct 22 1982 12.5"	12mm	VB,VL,EDGE ON,VERY HISB,2 DUST LANES DET,BRT REGIONS DET,TAPPERED,KNTY		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Dec 03 1980 12.5"	24mm			
Oct 31 1980 12.5"	24mm			
Oct 29 1980 8"	24mm			
Sep 18 1980 12.5"	24mm			
Sep 10 1980 12.5"	24mm			
Sep 09 1980 12.5"	24mm			
Aug 22 1980 12.5"	24mm			
<b>NGC 3043</b>		<b>H835-2</b>	<b>Galaxy Sb: sp</b>	<b>CF,PS,LE,VGBM,*10N7'</b>
Apr 14 2004 31"	17mmT4	MB,ML,OVAL,PATCH,UB,MHISB,R=G		
Mar 15 1985 12.5"	16mm	NO FIND,CIRCLES HOT		
<b>NGC 3065</b>		<b>H333-2</b>	<b>Galaxy SA(r)0^</b>	<b>PF,VS,R,BM,*11NR</b>
Mar 06 2003 12.5"	9mmT6	PB,ML,R,BNUC,LARGE BRT NUC,HISB MIDDLE,PAIR=3066,R=G		
Mar 15 1985 12.5"	12mm	VF,MS,OVAL,BM,3066 CLOSE BY,F*NE SEVERAL GAL DIA		
<b>NGC 3066</b>		<b>H334-2</b>	<b>Galaxy (R')SAB(s)bc p</b>	<b>VF,VS,VGLBM</b>
Mar 06 2003 12.5"	9mmT6	MF,ML,PATCH,UB,NND,PAIR=3065,R=G		
Mar 15 1985 12.5"	12mm	EDIF,VF,MS,PATCHY,UB,NND,SLIGHTLY BIGGER THAN 3065,PAIR/3065		
<b>NGC 3073</b>		<b>H853-3</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,BRT CENTRAL BULGE,PAIR/3079/PGC28990		
<b>NGC 3077</b>		<b>H286-1</b>	<b>Galaxy I0 pec</b>	<b>CB,CL,MBM,R WITH RAY</b>
Mar 06 2003 12.5"	9mmT6	EB,EL,OVAL,BNUC,HISB,LARGE NUC AREA,MUCH HISB MIDDLE,R=E		
Mar 15 1985 12.5"	16mm	SAME		
Oct 22 1982 12.5"	12mm	SAME		
Oct 22 1982 12.5"	16mm	MB,ML,BNUC,R-OVAL,HISB,GMBM,LARGE NUC AREA,		
Mar 27 1981 12.5"	24mm			
Dec 03 1980 12.5"	24mm			
Aug 22 1980 12.5"	24mm			
<b>NGC 3079</b>		<b>H47-5</b>	<b>Galaxy SB(s)c sp</b>	<b>VB,L,ME135</b>
Mar 06 2003 12.5"	9mmT6	VB,EL,EDGE ON,MOD HISB,CENTRAL BULGE,SBM,DUST LANE SUSP,PAIR=3073,R=E		
Jan 08 2003 12.5"	9mmT6	VB,BL,EDGE ON,DUST DET,SLIGHTLY BULGE IN MIDDLE,F* IN TIP,MOD HISB,PAIR/3073		
Mar 15 1985 12.5"	12mm	PB,PL,F* IN N TIP,SAME *S PRESENT,S PART THICKER THAN N		
Oct 22 1982 12.5"	16mm	MF,ML,EDGE ON,F*N TIP,F*E SIDE,UB,TAPPERED,NND		

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<b>NGC 3079</b> Dec 03 1980 12.5" 24mm	<b>H47-5</b> LOOKS LIKE MINATURE M82	<b>Galaxy SB(s)c sp</b>	<b>VB,L,ME135</b>
<b>NGC 3102</b> Mar 06 2003 12.5" 9mmT6	<b>H916-3</b> DIF,PF,PS,PATCH,*NUC,STELL NUC OR F* DETECTED,R=F	<b>Galaxy S0-:</b>	<b>VF,VS,R,BM,*11 SP</b>
<b>NGC 3148</b> Dec 07 2005 31" 17mmT4	<b>Galaxy SB</b> EF,VS,PATCH,UB,NEED TO MOVE B* OUT OFF FOV,AV FIRST THEN HOLDS,R=P		<b>*7INPHOTOSPHERE2OR3'</b>
<b>NGC 3164</b> Mar 06 2003 12.5" 9mmT6	<b>Galaxy S?</b> EDIF,EF,ES,PATCH,AV,SUSP,R=P		<b>EF,S,R,VGLBM</b>
<b>NGC 3168</b> Apr 23 2003 12.5" 9mmT6	<b>Galaxy E</b> VF,VS,PATCH,NND,PAIR=PGC30027,R=P		<b>F,PSBM,STELLAR,*7,8N</b>
<b>NGC 3182</b> Apr 23 2003 12.5" 9mmT6	<b>H265-1</b> MB,PL,OVAL,BNUC,SHISB,LARGE BRT NUC AREA,R=G	<b>Galaxy SA(r)a?</b>	<b>CB,CL,IR,VGBM</b>
<b>NGC 3184</b> Mar 15 1985 12.5" 16mm Oct 22 1982 12.5" 16mm	<b>H168-1</b> SAME DIF,MF,ML,R,PATCHY,B* IN N PART,UB,KNTY STR SUSP,NND	<b>Galaxy SBc</b>	<b>PB,VL,R,VGBM</b>
<b>NGC 3188</b> Dec 07 2005 31" 17mmT4 Apr 23 2003 12.5" 9mmT6 Apr 23 2003 12.5" 9mmT6	<b>H910-3</b> MF,MS,OVAL,PATCH,UB,NND,VF* OFF ONE SIDE,PAIR=3188A,R=F DIF,VF,VS,FNUC,SLIGHT ELONG DET,HINT OF COMPANION,R=P VDIF,EF,ES,PATCH,AV,R=P	<b>Galaxy (R)SB(r)ab</b>	<b>VF,PL,R</b>
<b>NGC 3188A</b> Dec 07 2005 31" 17mmT4	<b>Galaxy S?</b> EF,ES,PATCH,AV,SUSP,VERY CLOSE TO NGC3188,R=P		
<b>NGC 3198</b> Mar 15 1985 12.5" 16mm Oct 22 1982 12.5" 16mm Dec 03 1980 12.5" 24mm	<b>H199-1</b> SAME DIF,MF,PL,EDGE ON,F*NW EDGE,UB,NND,TAPPERED TOWARDS ENDS	<b>Galaxy SB(rs)c</b>	<b>PB,VL,ME45,VGBM</b>
<b>NGC 3202</b> Jan 29 2014 36" 17mmT4	<b>H720-2</b> PB,VL,OVAL,SMALL BNUC,F* OFF EDGE,EXCELLENT TRIO,PAIRS=3205/3207,R=E	<b>Galaxy SB(r)a</b>	<b>CF,S,R,VGBM,1ST OF 3</b>
<b>NGC 3205</b> Jan 29 2014 36" 17mmT4	<b>H721-2</b> PB,VL,OVAL,LARGE BNUC,F* JUST OFF EDGE,EXCELLENT TRIO,PAIRS=3202/3207,R=E	<b>Galaxy S?</b>	<b>CF,S,R,VGBM,2ND OF 3</b>
<b>NGC 3206</b> Apr 23 2003 12.5" 9mmT6 Mar 15 1985 12.5" 16mm	<b>H266-1</b> DIF,VF,FL,OVAL,R,PATHC,UB,NND,R=G NO FIND,CIRCLES HOT	<b>Galaxy SB(s)cd</b>	<b>PB,CL,E,VGLBM</b>
<b>NGC 3207</b> Jan 29 2014 36" 17mmT4	<b>H722-2</b> VB,PL,OVAL,BNUC,MBM,EXCELLENT TRIO,PAIRS=3202/3205,R=E	<b>Galaxy S?</b>	<b>CF,S,R,STELLAR,3 OF3</b>

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<b>NGC 3214</b>		<b>Galaxy SA0/a:</b>	<b>CB,VS,R,SBM,5'P3220</b>
Apr 23 2003	12.5" 9mmT6	VF,PS,OVAL,PATCH,FNUC,R=F	
<b>NGC 3220</b>		<b>H911-3 Galaxy Sb: sp</b>	<b>PF,CL,E92,*9F9.5'</b>
Apr 23 2003	12.5" 9mmT6	DIF,VF,ML,EDGE ON,VFNUC,AV,BLINKING GAL,*NUC,COMES AND GOES,R=F	
<b>NGC 3225</b>		<b>H882-2 Galaxy Scd:</b>	<b>CF,PL,LE,VGBM</b>
Apr 23 2003	12.5" 9mmT6	DIF,MF,PL,ELONG,PATCH,NND,SHISB,F* OFF ONE SIDE,R=F	
Jan 08 2003	12.5" 9mmT6	DIF,PF,MS,FNUC,OVAL,SBM,F* ON EDGE,LARGE CENTRAL REGION	
<b>NGC 3236</b>		<b>Galaxy E/S0</b>	<b>EF,VS,PSBM,2*11,12 F</b>
Feb 04 2005	31" 17mmT4	PF,PS,R,SMALL FNUC,R=F	
<b>NGC 3237</b>		<b>H631-3 Galaxy (R)SAB0^</b>	<b>VF,VS,R,PGBM</b>
Feb 25 1982	12.5" 16mm	DIF,MF,MS,FNUC,R,SBM,NUC DET,SEVERAL *S SCATTERED N TO S	
<b>NGC 3238</b>		<b>H883-2 Galaxy SA(r)0^:</b>	<b>F,S,R,PSLBM</b>
Feb 04 2005	31" 17mmT4	PF,MS,OVAL,SMALL BNUC,SHISB,BAR SUSP,PAIR=PGC30649,R=G	
<b>NGC 3259</b>		<b>H870-2 Galaxy SAB(rs)bc:</b>	<b>F,S,R,GBM</b>
Feb 04 2005	31" 17mmT4	MB,ML,LARGE FNUC,SHISB,SOFT NUC,R=G	
Mar 15 1985	12.5" 16mm	EDIF,VF,VS,PATCHY,UB,NND,NO *S	
<b>NGC 3264</b>		<b>Galaxy SBdm:</b>	<b>EF,BET 2S*</b>
Feb 04 2005	31" 17mmT4	MF,PL,OVAL,PATCH,UB,*S OPPOSITE ENDS,R=F	
<b>NGC 3266</b>		<b>H871-2 Galaxy SAB0^?</b>	<b>CF,VS,R,PSMBM*</b>
Feb 04 2005	31" 17mmT4	PB,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,R=G	
<b>NGC 3286</b>		<b>H917-3 Galaxy E?</b>	<b>VF,PS,R,PSLBM</b>
Feb 04 2005	31" 17mmT4	MF,MS,SMALL BNUC,GMBM,SOMEWHAT HISB MIDDLE,PAIR=3288,R=G	
<b>NGC 3288</b>		<b>H918-3 Galaxy SABbc:</b>	<b>EF,CS,R,VGLBM</b>
Feb 04 2005	31" 17mmT4	MF,MS,OVAL,PATCH,UB,NND,PAIR=3286,R=F	
<b>NGC 3298</b>		<b>H767-3 Galaxy E/S0</b>	<b>VF,PS,IE</b>
Feb 05 2005	31" 17mmT4	MB,MS,OVAL,LARGE BNUC,SLIGHTLY HISB MIDDLE,R=G	
<b>NGC 3310</b>		<b>H60-4 Galaxy SAB(r)bc pec</b>	<b>CB,PL,R,VG,VSMBMN</b>
Mar 15 1985	12.5" 12mm	SAME	
Oct 22 1982	12.5" 12mm	SAME	
Oct 22 1982	12.5" 16mm	MB,MS,HISB,R,SBM,FORMS TRI WITH 2F*S,B* IN FIELD	
Dec 03 1980	12.5" 24mm		
<b>NGC 3319</b>		<b>H700-3 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	

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<b>NGC 3320</b> Mar 15 1985 12.5" 12mm	<b>H745-2</b> EDIF,VF,VS,ELONG,PATCHY,NND,VF* IN S TIP,ELONG N TO S,B* TO N SEVERAL GAL DIA,SN	<b>Galaxy Scd:</b>	<b>F,PS,ME,*10NF</b>
<b>NGC 3348</b> Mar 15 1985 12.5" 12mm	<b>H80-1</b> PB,MS,BNUC,DOUBLE NUC,F* NEXT TO STELL NUC,R,BM	<b>Galaxy E0</b>	<b>B,S,ILE,PSBM,*11F21S</b>
<b>NGC 3353</b> Mar 15 1985 12.5" 12mm	<b>H842-3</b> MF,PS,BNUC,R,GBM,F* CLOSE BY,LOC IN BARREN * FIELD	<b>Galaxy Sb? pec</b>	<b>F,CS,R,PGBM,*S90"</b>
<b>NGC 3359</b> Mar 15 1985 12.5" 16mm Mar 15 1985 12.5" 24mm	<b>H52-5</b> OVAL,PATCH,UB,STELL NUC DET DIF,MF,PL,LARGE DISFUSE PATCH IN BARREN AREA	<b>Galaxy SB(rs)c</b>	<b>PB,L,E0,GLBM</b>
<b>NGC 3364</b> Feb 05 2005 31" 17mmT4	<b>H318-3</b> PF,VL,OVAL,UB,NND,SHISB,PAIRS=PGC32218/MAC'S,R=G	<b>Galaxy SAB(rs)c</b>	<b>VF,L,R,VGBM,R,D*SF</b>
<b>NGC 3392</b> Feb 05 2005 31" 17mmT4	<b>H881-3</b> PB,MS,R,SMALL BNUC,MOD HISB MIDDLE,PAIR=3394,R=G	<b>Galaxy E?</b>	<b>VF,S,PSBM,ST NR</b>
<b>NGC 3394</b> Feb 05 2005 31" 17mmT4	<b>H872-2</b> MB,VL,OVAL,UB,NND,SHISB,PAIR=3392,R=G	<b>Galaxy SA(rs)c</b>	<b>CF,S,LE,VGBM</b>
<b>NGC 3398</b> Feb 05 2005 31" 17mmT4	<b>H792-3</b> MF,MS,OVAL,LARGE FNUC,PAIRS=IC644/OTHERS,R=F	<b>Galaxy Sa?</b>	<b>VF,S,E,ER</b>
<b>NGC 3406</b> Feb 05 2005 31" 17mmT4	<b>H919-3</b> MF,MS,LARGE BNUC,SHISB,2 HALVES,2 NUC,GBM,IRR,PAIRS=3410/MAC'S,R=G	<b>Galaxy E</b>	<b>PB,R,PGBM</b>
<b>NGC 3407</b> Feb 05 2005 31" 17mmT4	<b>H919-3</b> MF,PS,ELONG,LARGE FNUC,BM,SOMEWHAT HISB MIDDLE,R=F	<b>Galaxy S0-:</b>	<b>VF,VS,R,VS*NR</b>
<b>NGC 3408</b> Feb 05 2005 31" 17mmT4	<b>H913-3</b> PF,ML,OVAL,R,SHISB,LARGE PATCHY NUC,SLIGHTLY BM,R=G	<b>Galaxy Sc:</b>	<b>VF,CS,R,2PB*S</b>
<b>NGC 3410</b> Feb 05 2005 31" 17mmT4	<b>H913-3</b> VF,MS,OVAL,UB,NND,PAIRS=3406/MAC'S,R=F	<b>Galaxy S?</b>	<b>F,PS,DIF,2'SF3406</b>
<b>NGC 3415</b> Mar 15 1985 12.5" 16mm	<b>H718-2</b> NO FIND,CIRCLES HOT	<b>Galaxy SA0+:</b>	<b>PB,S,VLE,STELL,3S*NR</b>
<b>NGC 3435</b> Feb 05 2005 31" 17mmT4	<b>H887-2</b> MF,MS,PATCH,SMALL FNUC,R=F	<b>Galaxy Sb</b>	<b>CF,PS,LE,VGBM</b>
<b>NGC 3440</b> Feb 05 2005 31" 17mmT4	<b>H914-3</b> MF,MS,ELONG,LARGE FNUC,R=F	<b>Galaxy SBb? sp</b>	<b>VF,S,LE</b>
<b>NGC 3445</b>	<b>H267-1</b>	<b>Galaxy SAB(s)m</b>	<b>CB,PL,IR,VGLBM,*NF2'</b>



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<b>NGC 3445</b>		<b>H267-1</b>	<b>Galaxy SAB(s)m</b>	<b>CB,PL,IR,VGLBM,*NF2'</b>
Feb 05 2005 31"	17mmT4	PB,ML,OVAL,PATCH,UB,NND,MOD HISB,PAIR=PGC32784,R=G		
Mar 15 1985 12.5"	16mm	DIF,PF,MS,BNUC,MOD HISB,OVAL-R,F* CLOSE BY,UB,3458 IN SAME FOV		
<b>NGC 3448</b>		<b>H233-1</b>	<b>Galaxy I0</b>	<b>B,PL,ME67,GBM</b>
Apr 07 2008 31"	17mmT4	VF,VL,ELONG,LARGE BNUC,HISB,GOOD DEF,DUST AREA DET,CENTRAL BULGE,BROKEN,R=E		
Mar 15 1985 12.5"	16mm	DIF,VF,MS,EDGE ON,UB,SLIGHTLY ELONG,NND,BETWEEN A TRI OF VERY F*S		
<b>NGC 3458</b>		<b>H268-1</b>	<b>Galaxy SAB0:</b>	<b>VB,VS,R,STELLAR</b>
Mar 15 1985 12.5"	16mm	MF,PS,BNUC,R,BM,STELL NUC,3445 IN SAME FOV		
<b>NGC 3470</b>		<b>H888-2</b>	<b>Galaxy SA(r)ab:</b>	<b>VF,S,R,VGBM</b>
Feb 05 2005 31"	17mmT4	MF,MS,OVAL,LARGE FNUC,PAIR=PGC33043,R=F		
<b>NGC 3471</b>		<b>H972-3</b>	<b>Galaxy Sa</b>	<b>VF,S,R,BM</b>
Feb 04 2005 31"	17mmT4	MB,PL,ELONG,LARGE FNUC,MOD HISB MIDDLE,PAIR=PGC33071,R=G		
<b>NGC 3478</b>		<b>H705-3</b>	<b>Galaxy SB(rs)bc</b>	<b>EF,S,R</b>
Mar 15 1985 12.5"	16mm	EEDIF,EF,MS,2F*S TO S,PATCY,UB,NND		
<b>NGC 3488</b>		<b>H269-1</b>	<b>Galaxy SB(s)c:</b>	<b>EF OR CB,VLE,PS,*13S</b>
Apr 03 2005 31"	17mmT4	PB,ML,OVAL,LARGE FNUC SUSP,SOMEWHAT BM,R=G		
<b>NGC 3499</b>		<b>H793-3</b>	<b>Galaxy I0?</b>	<b>VF,VS,STELLAR</b>
Apr 03 2005 31"	17mmT4	MB,PS,R,SMALL BNUC,MOD HISB MIDDLE,R=G		
<b>NGC 3516</b>		<b>H336-2</b>	<b>Galaxy (R)SB(s)0^:</b>	<b>PB,VS,IR,PSMBM*</b>
Mar 15 1985 12.5"	12mm	PF,PS,R,BM,F* CLOSE BY SEVERAL GAL DIA		
<b>NGC 3517</b>		<b>H884-2</b>	<b>Galaxy SAb:</b>	<b>EF,S,R,VGBM</b>
Apr 03 2005 31"	17mmT4	MF,PS,R,SMALL BNUC,COMP=PGC33526,R=F		
<b>NGC 3530</b>		<b>H915-3</b>	<b>Galaxy S?</b>	<b>VF,S,R,PGBM</b>
Apr 03 2005 31"	17mmT4	MF,PS,ELONG,EDGE ON,SMALL BNUC,SUDDENDLY MBM,PAIR=MAC,R=F		
<b>NGC 3543</b>		<b>H920-3</b>	<b>Galaxy S</b>	<b>EF,VS,E0,R</b>
Apr 03 2005 31"	17mmT4	PF,PS,EDGE ON,UB,NND,CENTRAL BULGE,R=F		
<b>NGC 3549</b>		<b>H220-1</b>	<b>Galaxy SA(s)c:</b>	<b>CB,CL,CE160</b>
Mar 15 1985 12.5"	16mm	DIF,MF,PL,ELONG,PATCH,UB,NND		
<b>NGC 3550</b>		<b>H351-3</b>	<b>Galaxy Pec</b>	<b>F(VAR),S,R,BM,10F4</b>
Mar 16 2009 31"	17mmT4	MF,PL,R,LARGE BNUC,GRAD BM,HISB MIDDLE,AGC,R=F		
Apr 09 2008 31"	17mmT4	PB,PL,OVAL,LARGE BNUC,GMBM,MOD HISB MIDDLE,PAIRS=AGC1185,R=F		
<b>NGC 3552</b>		<b>H352-3</b>	<b>Galaxy E</b>	<b>EF,VS,2ND OF 4</b>
Mar 16 2009 31"	17mmT4	MF,PS,R,LARGE BNUC,MOD HISB MIDDLE,AGC,R=F		

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<b>NGC 3552</b>		<b>H352-3</b>	<b>Galaxy E</b>	<b>EF,VS,2ND OF 4</b>
Apr 09 2008 31"	17mmT4	PF,PS,OVAL,LARGE FNUC,SOMEWHAT HISB MIDDLE,PAIRS=AGC1185,R=F		
<b>NGC 3553</b>			<b>Galaxy E</b>	<b>EF,VS,DNEB W/3552</b>
Mar 16 2009 31"	17mmT4	VF,VS,PATHC,AGC,R=P		
Apr 09 2008 31"	17mmT4	EDIF,EF,ES,PATCH,THE WORST NGC TO DATE,AV,PAIRS=AGC1185,R=P		
<b>NGC 3554</b>			<b>Galaxy E</b>	<b>VF,PS,R,BM,3RD OF 4</b>
Mar 16 2009 31"	17mmT4	MF,PS,R,LARGE BNUC,MOD HISB MIDDLE,AGC,R=F		
Apr 09 2008 31"	17mmT4	PF,PS,OVAL,SMALL FNUC,PAIRS=AGC1185,R=F		
<b>NGC 3556</b>	<b>M108</b>	<b>H46-5</b>	<b>Galaxy SB(s)cd sp</b>	<b>CB,VL,VME79,PBM,R</b>
Mar 08 2013 36"	17mmT4	MESSIER MARATHON 2013		
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Dec 26 2003 31"	17mmT4	VB,EL,EDGE ON,NND,MOD HISB,3*S IN GAL,H2 REGIONS DET,DUST DET,PATCHY ARMS DET,E		
Mar 15 1985 12.5"	12mm	MB,PL,VERY EDGE ON,F*N EDGE,B*CENTER,MOD HISB,KNTY STR SUSP,EXCELLENT!!!		
Mar 02 1984 10"	20mm	SAME		
Oct 22 1982 12.5"	16mm	DIF,MB,VL,F*N EDGE,EDGE ON,UB,LARGE,NND		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Oct 31 1980 12.5"	24mm			
Sep 18 1980 12.5"	24mm			
Sep 10 1980 12.5"	24mm			
May 07 1980 5"	9mm			
Apr 16 1980 6"	24mm	IN SAME FOV WITH M97		
<b>NGC 3558</b>			<b>Galaxy S?</b>	<b>PF,S</b>
Mar 16 2009 31"	17mmT4	MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,AGC,R=G		
Apr 09 2008 31"	17mmT4	MF,MS,OVAL,R,LARGE FNUC,PAIRS=AGC1185,R=F		
<b>NGC 3561A</b>			<b>Galaxy S0<sup>+</sup>:pec</b>	<b>VF,VL,4 OF 4</b>
Mar 16 2009 31"	17mmT4	MB,ML,R,LB NUC,SHISB MIDDLE,AGC,R=G		
Apr 09 2008 31"	17mmT4	PF,MS,OVAL,PATCH,NND,PAIRS=AGC1185,R=F		
Apr 07 2008 31"	17mmT4	MF,MS,OVAL,UB,NND,AGC,MANY OTHERS PRESENT,R=G		
<b>NGC 3561B</b>			<b>Galaxy SA(r)a pec</b>	<b>VF,PL,4TH OF 4</b>
Mar 16 2009 31"	17mmT4	MB,ML,R,LB NUC,HISB MIDDLE,AGC,R=G		
Apr 09 2008 31"	17mmT4	PF,MS,OVAL,LARGE FNUC,PAIRS=AGC1185,R=F		
Apr 07 2008 31"	17mmT4	MF,MS,SMALL FNUC,AGC,MANY OTHERS PRESENT,R=G		
<b>NGC 3583</b>		<b>H728-2</b>	<b>Galaxy SB(s)b</b>	<b>PB,PL,R,VGMBM</b>
Mar 15 1985 12.5"	12mm	PB,MS,R,SBM,MOD HISB,B*S AROUND OBJECT		
<b>NGC 3587</b>	<b>M97</b>		<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
Mar 08 2013 36"	17mmT4	MESSIER MARATHON 2013		
Mar 16 2009 31"	17mmT4	EB,EL,W/OIII,LOOSE C*,DOESNOT HELP MUCH,LITTLE MORE DARK PATCHES DET,R=E		
Mar 16 2009 31"	17mmT4	EB,EL,C* DET APPROX 15TH MAG,DARK PATCHES,BROKEN EDGES,GREYISH GREEN,R=E		
Feb 04 2005 31"	17mmT4	OIII,VB,EL,OVAL,HISB,2 DARK PATCHES,CENTRAL *,BEST TO DATE,PATCHY AREAS,DET,R=E		

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<b>NGC</b>	<b>3587</b>	<b>M97</b>	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
	Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004
	Dec 26 2003	31"	17mmT4	PB,VL,MOD HISB,CENTRAL *,DARK PATCHES,EDGES FRAILED,ANOTHER F* OFF CENTER,R=E
	Mar 15 1985	12.5"	12mm	VERY R,DARK PATCHES DET,BG COLOR,BEST VIEW EVER!!!
	Mar 15 1985	12.5"	16mm	SAME,EB,VL
	Mar 02 1984	10"	20mm	MB,ML,R,B* OFF ONE SIDE,UB WITH SOME DARK AREAS
	Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981
	Oct 31 1980	12.5"	24mm	
	Sep 18 1980	12.5"	24mm	
	Sep 10 1980	12.5"	24mm	
	May 07 1980	5"	9mm	
	Apr 18 1980	6"	24mm	
	Apr 16 1980	6"	24mm	IN SAME FOV WITH M108
<b>NGC</b>	<b>3589</b>		<b>H921-3</b>	<b>Galaxy Sd: VF,L,E,VGBM,INTRILST</b>
	Apr 03 2005	31"	17mmT4	PF,VL,ELONG,EDGE ON,UB,NND,LARGE EDGE ON PATCH BESIDE TRI OF B*S,R=G
<b>NGC</b>	<b>3594</b>		<b>H770-3</b>	<b>Galaxy SB0: VF,VS,STELLAR</b>
	Apr 03 2005	31"	17mmT4	PF,ML,OVAL,LARGE FNUC,SOMEWHAT BM,PAIR=PGC34356,R=G
<b>NGC</b>	<b>3610</b>		<b>H270-1</b>	<b>Galaxy E5: VB,PS,LE90,VSVMBMSN</b>
	Mar 15 1985	12.5"	12mm	PB,MS,BNUC,R,BM,SLIGHT TAPPERING DET
	Oct 22 1982	12.5"	16mm	PB,MS,BNUC,R,GMBM
<b>NGC</b>	<b>3613</b>		<b>H271-1</b>	<b>Galaxy E6 VB,CL,ME305,SMBMN</b>
	Mar 15 1985	12.5"	12mm	PB,PS,BNUC,OVAL,SMBM,PAIR/3619
	Oct 22 1982	12.5"	16mm	MB,PS,BNUC,R,SMALL BNUC,GBM,PAIR/3619
<b>NGC</b>	<b>3614</b>		<b>H729-2</b>	<b>Galaxy SAB(r)c F,PL,LE90,GLBM,R</b>
	Mar 15 1985	12.5"	16mm	DIF,PF,PL,OVAL-PATCHY,B* TO N,TRI F**S SURROUNDS OBJECT
<b>NGC</b>	<b>3619</b>		<b>H244-1</b>	<b>Galaxy (R)SA(s)0+: CB,CL,R,VGMBM</b>
	Mar 15 1985	12.5"	12mm	PF,MS,PATCHY,SMALL NUC,FAINTER THAN 3613,PAIR/3613
	Oct 22 1982	12.5"	16mm	R,DIF,MF,PS,FUZZY,SBM
<b>NGC</b>	<b>3622</b>		<b>H879-2</b>	<b>Galaxy S? PB,S,R,GBM</b>
	Apr 03 2005	31"	17mmT4	MF,MS,OVAL,UB,NND,SHISB,R=G
<b>NGC</b>	<b>3625</b>		<b>H885-2</b>	<b>Galaxy SAB(s)b: F,S,LE135</b>
	Apr 03 2005	31"	17mmT4	MB,PL,OVAL,UB,SHISB,PAIRS=PGC/MAC,R=G
<b>NGC</b>	<b>3631</b>		<b>H226-1</b>	<b>Galaxy SA(s)c PB,L,R,SVMBMRN</b>
	Mar 15 1985	12.5"	16mm	MB,ML,FNUC,FACE ON,SBM,SMALL NUC,SPR STR DET,2 **S OUTER ARMS
	Oct 22 1982	12.5"	16mm	DIF,VF,MS,PATCHY,OVAL,STELL NUC
<b>NGC</b>	<b>3642</b>		<b>H245-1</b>	<b>Galaxy SA(r)bc: PB,PL,R,VGBM</b>
	Mar 15 1985	12.5"	16mm	DIF,PF,PS,OVAL-PATCHY,SBM

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<b>NGC 3652</b> Apr 26 2006 31"	17mmT4	<b>H775-2</b> MF,PL,OVAL,LARGE FNUC,MOD HISB MIDDLE,SOME PATCHY AREAS DET,PAIR=MAC,R=G	<b>Galaxy Scd?</b>	<b>PF,CL,LE,VGBM</b>
<b>NGC 3654</b> Apr 03 2005 31"	17mmT4	<b>H880-2</b> MB,PS,OVAL,SOMEWHAT HISB,SOMEWHAT BM,R=G	<b>Galaxy S?</b>	<b>F,S,LE15</b>
<b>NGC 3656</b> Apr 03 2005 31"	17mmT4	<b>H782-2</b> PB,ML,R,UB,NND,MOD HISB,CLOSE COMP=PGC34985,PAIRS=PGC'S/MAC,R=G	<b>Galaxy (R')I0: pec</b>	<b>PB,S,R,VGBM,*12P</b>
<b>NGC 3657</b> Apr 03 2005 31"	17mmT4	<b>H768-3</b> MF,PS,R,SMALL BNUC,MOD HISB MIDDLE,GMBM,R=G	<b>Galaxy SAB(rs)c pec</b>	<b>CF,VS,R,STELLAR</b>
<b>NGC 3668</b> Apr 03 2005 31"	17mmT4	<b>H845-2</b> PB,PL,OVAL,R,SMALL BNUC,COMP NOT DET,VF* IN EDGE,GBM,HISB MIDDLE,FARM SUSP,R=G	<b>Galaxy Sbc</b>	<b>F,PS,IR,GBM,*9NP</b>
<b>NGC 3669</b> Apr 03 2005 31"	17mmT4	<b>H829-2</b> MF,PL,EDGE ON,UB,NND,NO NUC,NO CENTRAL BULGE,R=E	<b>Galaxy SBcd: sp</b>	<b>VF,PL,PME135,ER</b>
<b>NGC 3671</b> Dec 07 2005 31"	17mmT4	<b>H922-3</b> PF,PS,OVAL,UB,NND,VF* IN EDGE OF GAL,R=F	<b>Galaxy C</b>	<b>VF,VS,2VS*INV</b>
<b>NGC 3674</b> Apr 03 2005 31" Mar 15 1985 12.5"	17mmT4 16mm	<b>H886-2</b> MB,MS,ELONG,EDGE ON,SMALL BNUC,GMBM,MOD HISB MIDDLE,PAIR=MAC,R=G COMP TO SE = 3683,NO DESC GIVEN	<b>Galaxy S0 sp</b>	<b>PF,IF</b>
<b>NGC 3675</b> Mar 15 1985 12.5" Oct 22 1982 12.5"	16mm 16mm	<b>H194-1</b> SAME,PB,ML,BNUC,F*N TIP,CIGAR SHAPE,MOD HISB,BM MB,ML,ELONG,BNUC,F* IN N TIP,BIG BRT NUC,GMBM	<b>Galaxy SA(s)b</b>	<b>VB,CL,VME0,VSMBMN</b>
<b>NGC 3683</b> Mar 15 1985 12.5"	16mm	<b>H246-1</b> DIF,PF,PS,ELONG,UB,NND,NO *S,COMP TO NW = 3674	<b>Galaxy SB(s)c?</b>	<b>CB,PL,E</b>
<b>NGC 3683A</b> Apr 03 2005 31"	17mmT4	<b>H770-2</b> PB,PL,OVAL,UB,NND,BRT * OFF EDGE,SOMEWHAT HISB,R=G	<b>Galaxy SB(rs)c</b>	
<b>NGC 3687</b> Mar 15 1985 12.5"	16mm	<b>H770-2</b> DIF,PF,PS,OVAL,PATCH,NND	<b>Galaxy (R')SAB(r)bc?</b>	<b>PB,PS,R,LBM,R</b>
<b>NGC 3690</b> Apr 07 2008 31" Apr 03 2005 31" Mar 15 1985 12.5"	17mmT4 17mmT4 16mm	<b>H247-1</b> VB,PL,OVAL,UB,NND,HISB,PAIRS-IC694/PGC35345,R=G VB,ML,OVAL,R,UB,NND,HISB,INTERACTING=IC694,PAIRS=PGC/MAC,R=G PF,PS,SLIGHTLY ELONG,2 NUC DET,INTERACTING GAL = IC 694,MOD HISB!!	<b>Galaxy IBm pec</b>	<b>PB,PS,VLE80,PGBM</b>
<b>NGC 3712</b> Apr 07 2008 31"	17mmT4	<b>H770-2</b> EF,MS,ELONG,PATCH,UB,NND,AV BARELY HOLDS,R=P	<b>Galaxy SB?</b>	<b>F,VS,R,SMBM</b>
<b>NGC 3718</b>		<b>H221-1</b>	<b>Galaxy SB(s)a pec</b>	<b>PB,VL,R,VGLBM</b>

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<b>NGC 3718</b>		<b>H221-1</b>	<b>Galaxy SB(s)a pec</b>	<b>PB,VL,R,VGLBM</b>
Feb 23 2006 31"	17mmT4	VB,EF,LARGE BNUC,F*	CLOSE TO NUC IN GAL,PATCHY,ARMS SUSP,H2 REGIONS,PAIR=MAC,R=E	
Mar 15 1985 12.5"	16mm	PF,VL,SPR ARMS DET,BRT BAR,VERY R,FACE ON,2B**S TO S,PAIR/3729		
Oct 22 1982 12.5"	24mm	MB,ML,2F**S IN S PART,OVAL,NND,PAIR/3729		
<b>NGC 3725</b>		<b>H836-2</b>	<b>Galaxy SBc</b>	<b>CF,S,R,GVLBM,R</b>
Apr 04 2005 31"	17mmT4	MB,ML,OVAL,SMALL BNUC,SLIGHTLY HISB MIDDLE,PAIR=PGC35626,R=G		
<b>NGC 3726</b>		<b>H730-2</b>	<b>Galaxy SAB(r)c</b>	<b>PB,VL,LE0,VSMBM,*11N</b>
Mar 15 1985 12.5"	16mm	DIF,MF,VL,F* ON N EDGE,UB,SOME KNTY STR SUSP		
Oct 22 1982 12.5"	24mm	MB,PL,UB,OBLONG,F* IN N TIP,NND		
<b>NGC 3729</b>		<b>H222-1</b>	<b>Galaxy SB(r)a pec</b>	<b>PB,PL,LE0,GBM,*12NR</b>
Feb 23 2006 31"	17mmT4	VB,VL,OVAL,SMALL BNUC,HISB,ARMS,PATCHY AREAS,BRT BAR LIKE NUC W/BULGE,COMP=MAC,* ON EDGE,R=E		
Mar 15 1985 12.5"	16mm	MB,ML,BRT THAN 3718,MOD HISB,B* ON S EDGE,UB,PAIR/3718		
Oct 22 1982 12.5"	24mm	VF,ML,OVAL,NND,MOD HISB,F* IN S PART,PAIR/3718		
<b>NGC 3733</b>		<b>H771-3</b>	<b>Galaxy SAB(s)cd:</b>	<b>EF,S,IR,*6MSF</b>
Apr 04 2005 31"	17mmT4	PF,VL,OVAL,PATCH,UB,NND,B* IN FOV CLOSE BY,SEVERAL OTHERS PRESENT,R=F		
<b>NGC 3737</b>		<b>H772-3</b>	<b>Galaxy SB0</b>	<b>VF,STELLAR</b>
Apr 04 2005 31"	17mmT4	PB,MS,ELONG,SMALL BNUC,PAIRS=PGC35811/MAC'S,R=G		
<b>NGC 3738</b>		<b>H783-2</b>	<b>Galaxy Im</b>	<b>PB,PL,BM</b>
Mar 15 1985 12.5"	16mm	PF,PL,OVAL,MOD HISB,UB,PAIR/3756		
<b>NGC 3740</b>		<b>H847-3</b>	<b>Galaxy S</b>	<b>VF,VS,R,VGBM</b>
Apr 04 2005 31"	17mmT4	MF,ML,OVAL,UB,NND,SHISB,R=G		
<b>NGC 3756</b>		<b>H784-2</b>	<b>Galaxy SAB(rs)bc</b>	<b>PF,L,LE</b>
Mar 15 1985 12.5"	16mm	PF,PL,OVAL,MOD HISB,UB,PAIR/3738		
<b>NGC 3757</b>		<b>H843-3</b>	<b>Galaxy S0?</b>	<b>VF,R,STELLAR,VS*1DSF</b>
Apr 04 2005 31"	17mmT4	PB,MS,OVAL,LARGE BNUC,HISB MIDDLE,R=G		
<b>NGC 3759</b>			<b>Galaxy SAB0^:</b>	<b>F,S,IR,*11NR</b>
Apr 04 2005 31"	17mmT4	MB,ML,ELONG,LARGE BNUC,PAIR=IC2943,R=G		
<b>NGC 3759A</b>			<b>Galaxy SABc pec</b>	
Apr 04 2005 31"	17mmT4	MF,ML,OVAL,SMALL FNUC,SOMEWHAT HISB,PAIR=MAC,R=F		
<b>NGC 3762</b>		<b>H837-2</b>	<b>Galaxy Sa</b>	<b>F,VLE,GBM</b>
Apr 04 2005 31"	17mmT4	PB,MS,EDGE ON,LARGE BNUC,CENTRAL BULGE,HISB MIDDLE,SMBM,R=G		
<b>NGC 3769</b>		<b>H731-2</b>	<b>Galaxy SB(r)b:</b>	<b>PB,S,PME</b>
Apr 09 2008 31"	17mmT4	VB,VL,ELONG,EDGE ON,UB,NND,MOD HISB,INTERACT=3769A,TIPS TOUCHING,R=E		

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<b>NGC 3769</b> Mar 15 1985 12.5" 16mm	<b>H731-2</b> PF,MS,ELONG,UB	<b>Galaxy SB(r)b:</b>	<b>PB,S,PME</b>
<b>NGC 3769A</b> Apr 09 2008 31" 17mmT4	PF,MS,ELONG,UB,NND,INTERACT=3769,TIPS TOUCHING,R=F	<b>Galaxy SBm pec:</b>	
<b>NGC 3770</b> Apr 04 2005 31" 17mmT4	<b>H838-2</b> MB,PS,R,SMALL BNUC,SMBM,MOD HISB MIDDLE,R=G	<b>Galaxy SBa</b>	<b>PF,S,R,GBM,R</b>
<b>NGC 3780</b> Mar 15 1985 12.5" 16mm	<b>H227-1</b> DIF,MF,PL,F* E TIP,NND,UB,OVAL,PATCH	<b>Galaxy SA(s)c:</b>	<b>PF,L,VLE,VGBM,R</b>
<b>NGC 3782</b> Mar 15 1985 12.5" 16mm	<b>H732-2</b> EDIF,VF,VS,EMBEDDED IN 2F*S,UB,PATCHY,CAN BARELY DET GLOW BETWEEN *S	<b>Galaxy SAB(s)cd:</b>	<b>F,S,ATT TO*15,*INV</b>
<b>NGC 3786</b> Apr 09 2008 31" 17mmT4	PB,ML,ELONG,INTERACT=3788 AT TIPS,MBM,MOD HISB MIDDLE,R=G	<b>Galaxy SAB(rs)a pec</b>	<b>PB,PL,E57,GBM,P OF 2</b>
<b>NGC 3788</b> Apr 09 2008 31" 17mmT4	PB,ML,ELONG,EDGE ON,PATCH,UB,NND,SHISB,INTERACT=3786 AT TIP,BROKEN,F* EDGE,R=G	<b>Galaxy SAB(rs)ab pec</b>	<b>CB,PL,PME177,PGBM</b>
<b>NGC 3793</b> Apr 09 2008 31" 17mmT4	VF,VS,PATCH,UB,NND,VF* EDGE,2ND WORST NGC TO DATE,PAIRS=3786/3788,R=P	<b>Galaxy Sc</b>	<b>VS,F3788</b>
<b>NGC 3795</b> Apr 04 2005 31" 17mmT4	MF,MS,EDGE ON,UB,NND,CIGAR SHAPE,R=G	<b>Galaxy S</b>	<b>VF,S,ME</b>
<b>NGC 3796</b> Apr 04 2005 31" 17mmT4	MB,MS,ELONG,OVAL,LARGE BNUC,HISB MIDDLE,R=G	<b>Galaxy S?</b>	<b>F,CS,R,MBM</b>
<b>NGC 3804</b> Apr 04 2005 31" 17mmT4	MF,PL,OVAL,UB,NND,SHISB,* ON EDGE,PATCHY AREAS,R=F	<b>Galaxy SAB</b>	<b>PB,E</b>
<b>NGC 3809</b> Dec 07 2005 31" 17mmT4	PB,PS,R,LARGE BNUC,HISB MIDDLE,BM,R=G	<b>Galaxy S0</b>	<b>PB,S,R,GLBM</b>
<b>NGC 3813</b> Mar 15 1985 12.5" 16mm Feb 12 1983 12.5" 16mm	<b>H94-1</b> PF,PS,ELONG,EDGE ON,E-W,F*S AT BOTH TIPS,UB,NND,TAPPERED ENDS MF,PS,ELONG,F*E TIP,UB,NND,VF*W TIP SUSP	<b>Galaxy SA(rs)b:</b>	<b>CB,PL,PME90,BM</b>
<b>NGC 3824</b> Dec 07 2005 31" 17mmT4	PB,ML,ELONG,LARGE BNUC,HISB MIDDLE,BM,R=G	<b>Galaxy SA(s)a? sp</b>	<b>VF,CS,PME</b>
<b>NGC 3829</b> Dec 07 2005 31" 17mmT4	PF,MS,R,PATCH,UB,NND,R=P	<b>Galaxy SB(s)b:</b>	<b>VF,VS</b>
<b>NGC 3835</b>		<b>Galaxy Sab: sp</b>	<b>PB,E,GBM,**8SF 5'</b>

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<b>NGC 3835</b>		<b>Galaxy Sab: sp</b>	<b>PB,E,GBM,**8SF 5'</b>
Dec 07 2005 31"	17mmT4	PB,ML,EDGE ON,SMALL BNUC,CENTRAL BULGE,MOD HISB MIDDLE,R=G	
<b>NGC 3838</b>		<b>H831-2 Galaxy SA0/a?</b>	<b>PB,CS,E,PSBM*12</b>
Dec 07 2005 31"	17mmT4	VB,ML,ELONG,LARGE BNUC,HISB MIDDLE,BM,R=G	
<b>NGC 3846</b>		<b>Galaxy SAc:</b>	<b>F,PL,R,VGBM</b>
Feb 23 2006 31"	17mmT4	MF,MS,OVAL,PATCH,SOMEWHAT BM,SOMEWHAT HISB,PAIRS=MAC'S,R=G	
<b>NGC 3846A</b>		<b>Galaxy SB(s)m:</b>	
Feb 23 2006 31"	17mmT4	PB,PL,ELONG,OVAL,PATCH,UB,NND,MOD HISB,PAIR=PGC36463,R=G	
<b>NGC 3850</b>		<b>H776-3 Galaxy SB(s)c:</b>	<b>EF,PL,LE</b>
Feb 23 2006 31"	17mmT4	MB,VL,OVAL,PATCH,UB,NND,SOMEWHAT HISB,PAIR=MAC,R=G	
<b>NGC 3870</b>		<b>H833-3 Galaxy S0?</b>	<b>CF,CS,R,PSBM</b>
Feb 23 2006 31"	17mmT4	MF,MS,OVAL,SMALL BNUC,HISB MIDDLE,GMBM,R=G	
<b>NGC 3877</b>		<b>H201-1 Galaxy SA(s)c:</b>	<b>B,L,ME37</b>
Mar 15 1985 12.5"	16mm	SAME,PB,ML	
Feb 12 1983 12.5"	16mm	MB,PL,EDGE ON,KNTS DET,DUST LANES	
<b>NGC 3888</b>		<b>H785-2 Galaxy SAB(rs)c</b>	<b>PB,S,LE,PGBM</b>
Feb 23 2006 31"	17mmT4	VF,PL,OVAL,SMALL BNUC,HISB,PAIRS=3889/PGC/MAC,R=G	
Mar 15 1985 12.5"	16mm	MB,MS,OVAL,UB,NND,MOD HISB,PAIR/3898	
<b>NGC 3889</b>		<b>Galaxy S0</b>	<b>VF,VS,5'S OF 3888</b>
Feb 23 2006 31"	17mmT4	PF,PS,ELONG,LARGE BNUC,PAIRS=3888/PGC/MAC,R=F	
<b>NGC 3893</b>		<b>H738-2 Galaxy SAB(rs)c:</b>	<b>B,PL,R,MBM</b>
Mar 15 1985 12.5"	16mm	MB,ML,FNUC,R,F* ON EDGE,SBM,HISB	
Feb 12 1983 12.5"	16mm	MB,PL,BNUC,B* IN W SIDE,SBM,OVAL	
<b>NGC 3894</b>		<b>H248-1 Galaxy E4-5</b>	<b>B,PL,IR,PGBM,P OF 2</b>
Mar 15 1985 12.5"	12mm	PF,MS,OVAL,SBM,PAIR/3895	
<b>NGC 3895</b>		<b>H832-2 Galaxy SB(rs)a:</b>	<b>PF,PL,VLE,GBM,F OF 2</b>
Mar 15 1985 12.5"	12mm	PF,PS,OVAL,PATCHY,STELL NUC SUSP,PAIR/3894	
<b>NGC 3898</b>		<b>H228-1 Galaxy SA(s)ab</b>	<b>B,PL,LE,SVMBM</b>
Mar 15 1985 12.5"	12mm	PB,ML,BNUC,HISB,BM,R-OVAL,PAIR/3888	
Feb 12 1983 12.5"	16mm	MB,PL,ELONG,BNUC,VMBM	
<b>NGC 3913</b>		<b>H786-2 Galaxy (R')SA(rs)d:</b>	<b>F,E</b>
Feb 23 2006 31"	17mmT4	MF,ML,OVAL,LARGE FNUC,PATCHY,R=F	
<b>NGC 3916</b>		<b>H787-2 Galaxy SAb: sp</b>	<b>EF,R,GBM</b>

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<b>NGC 3916</b> Feb 23 2006 31" 17mmT4	<b>H787-2</b> PF,MS,ELONG TO EDGE ON,PATCH,UB,NND,SOMEWHAT HISB,PAIRS=3921/PGC37013,R=F	<b>Galaxy SAb: sp</b>	<b>EF,R,GBM</b>
<b>NGC 3917</b> Jan 29 2014 36" 17mmT4 Mar 04 2006 31" 17mmT4 Mar 15 1985 12.5" 16mm	<b>H824-2</b> MB,VL,ELONG,UB,NND,SHISB,CIGAR SHAPE,PAIR=PGC36973,R=GE PB,VL,EDGE ON,UB,NND,CENTRAL BULGE,2*S OFF ONE SIDE,R=G DIF,MP,MS,EDGE ON,2VF*S S SIDE,UB,NND	<b>Galaxy SAcd:</b>	<b>F,L,VME,VGBM</b>
<b>NGC 3921</b> Feb 23 2006 31" 17mmT4	<b>H788-2</b> PB,PL,OVAL,LARGE BNUC,MOD HISB,SMBM,HISB MIDDLE,PAIRS=3916,PGC37013,R=G	<b>Galaxy (R')SA(s)0/a p</b>	<b>PF,S,R,PSPMBM</b>
<b>NGC 3922</b> Mar 04 2006 31" 17mmT4	<b>H716-3</b> PB,PL,ELONG,LARGE BNUC,HISB,GMBM,* OFF NUC,R=G	<b>Galaxy S0/a</b>	<b>VF,VS</b>
<b>NGC 3924</b> Mar 04 2006 31" 17mmT4	<b>H825-2</b> DIF,VF,PS,PTACH,UB,NND,R=P	<b>Galaxy Sm:</b>	<b>PB,S,IF,BM</b>
<b>NGC 3931</b> Mar 04 2006 31" 17mmT4	<b>H769-3</b> PB,PL,R,LARGE FNUC,SMBM,MOD HISB MIDDLE,PAIR=MAC,R=G	<b>Galaxy SA0-:</b>	<b>EF,S</b>
<b>NGC 3938</b> Mar 15 1985 12.5" 16mm Feb 12 1983 12.5" 16mm	<b>H203-1</b> MF,PL,LARGE OVAL,FACE ON,SBM,SOME KNTY STR SUSP,NO *S MB,VL,FACE ON,R,KNTS DET	<b>Galaxy SA(s)c</b>	<b>B,VL,R,BMPBN,ER</b>
<b>NGC 3941</b> Mar 15 1985 12.5" 12mm Feb 12 1983 12.5" 16mm	<b>H173-1</b> PB,ML,BNUC,R,BM,HISB PB,MS,ELONG,VERY BRIGHT NUC,LOOKS LIKE AN E6 GAL	<b>Galaxy SB(s)0^</b>	<b>VB,PL,R,SMBM*9</b>
<b>NGC 3945</b> Mar 15 1985 12.5" 12mm Feb 12 1983 12.5" 16mm	<b>H251-1</b> PB,MS,BNUC,3F*S SURROUND OBJECT,R,VMBM,HISB MIDDLE MB,PS,BNUC,2F*S N,1*W,HISB,R,SBM	<b>Galaxy (R)SB(rs)0+</b>	<b>B,PL,R,GMBM,R,*12SP</b>
<b>NGC 3949</b> Mar 15 1985 12.5" 12mm Feb 12 1983 12.5" 16mm	<b>H202-1</b> MB,ML,RECT SHAPE,UB,MOD HISB,NO *S MF,PL,MOD HISB,OVAL,STELL NUC,KNTS SUSP,FACE ON	<b>Galaxy SA(s)bc:</b>	<b>CB,PL,PME,VGBM</b>
<b>NGC 3953</b> Mar 15 1985 12.5" 16mm Feb 12 1983 12.5" 16mm	<b>H45-5</b> SAME,PB,PL,BNUC,F* JUST W OF NUC,FACE ON,SPR STR DET MB,PL,DNUC,F*W EDGE,OVAL,SOFT DIM NUC,VMBM,FACE ON,HALO	<b>Galaxy SB(r)bc</b>	<b>CB,L,E0,VSMLRN</b>
<b>NGC 3958</b> Mar 15 1985 12.5" 16mm	<b>H833-2</b> CLOSE PAIR/3963	<b>Galaxy SB(s)a</b>	<b>PF,PS,PME,VGBM</b>
<b>NGC 3963</b> Mar 15 1985 12.5" 16mm	<b>H67-4</b> DIF,PF,PS,OVAL,UB,NND,COMP TO SW = 3958	<b>Galaxy SAB(rs)bc</b>	<b>PF,CL,R,VG,SBM</b>
<b>NGC 3972</b>	<b>H789-2</b>	<b>Galaxy SA(s)bc</b>	<b>PB,E</b>



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<b>NGC 3972</b> Feb 12 1983 12.5" 16mm	<b>H789-2</b>	<b>Galaxy SA(s)bc</b>	<b>PB,E</b>
		VDIF,VF,ML,EDGE ON,UB,TAPPERED ENDS,NND,PAIR/3977	
<b>NGC 3975</b> Mar 04 2006 31" 17mmT4		<b>Galaxy SAb?</b>	<b>VF,VS,3978F17S</b>
		MF,MS,OVAL,PATCH,UB,NND,PAIRS=3978/PGC'S,R=F	
<b>NGC 3977</b> Mar 02 1984 10" 20mm Feb 12 1983 12.5" 16mm	<b>H790-2</b>	<b>Galaxy Sab</b>	<b>F,S</b>
		MB,VL,FACE ON,SMALL NUC,F* SUSP CLOSE TO NUC,SBM,SOME SPR STR SUSP	
		MB,ML,BNUC,F*N SIDE,OVAL,F*E EDGE,KNTS SUSP,ARMS SHOW GOOD,PAIR/3972	
<b>NGC 3978</b> Mar 04 2006 31" 17mmT4	<b>H840-2</b>	<b>Galaxy SABbc:</b>	<b>CF,S,LE,BM,*8P6'</b>
		PB,PL,R,SMALL FNUC,MOD HISB,SBM,PAIRS=3975/PGC'S,R=G	
<b>NGC 3982</b> Feb 12 1983 12.5" 16mm	<b>H62-4</b>	<b>Galaxy SAB(r)b:</b>	<b>B,PL,R,G,SBM,DISC</b>
		MB,MS,DNUC,R,SBM,SAME 24MM FIELD WITH 3998	
<b>NGC 3986</b> Apr 09 2008 31" 17mmT4		<b>Galaxy S0 sp</b>	<b>PF,S,PME90,*11 NR</b>
		MB,MS,ELONG,EDGE ON,LARGE FNUC,2F*S OFF SIDE,SOMEWHAT HISB MID,PAIR=IC2979,R=G	
<b>NGC 3990</b> Mar 15 1985 12.5" 12mm	<b>H791-2</b>	<b>Galaxy S0-: sp</b>	<b>PF,S,LE,PSLBM</b>
		CLOSE COMP TO 3998	
<b>NGC 3991</b> Apr 09 2008 31" 17mmT4		<b>Galaxy Im pec sp</b>	<b>F,S,LE,1ST OF 3</b>
		MF,ML,EDGE ON,BRTER ONE SIDE THAN OTHER/PAIRS=3995/3994,EXCELL GROUP,R=G	
<b>NGC 3992</b> Mar 08 2013 36" 17mmT4 Mar 19 2004 12.5" 12mmT4 Dec 26 2003 31" 17mmT4 Mar 27 1981 12.5" 24mm Sep 18 1980 12.5" 24mm	<b>M109</b> <b>H61-4</b>	<b>Galaxy SB(rs)bc</b>	<b>CB,VL,PME,SBMBRN</b>
		MESSIER MARATHON 2013	
		MESSIER MARATHON 2004	
		EB,EL,ELONG,VERY LARGE BNUC,HISB NUC,FARMS DET,PATCHY AREAS DET,M109,R=E	
		MESSIER MARATHON 1981	
<b>NGC 3994</b> Apr 09 2008 31" 17mmT4		<b>Galaxy SA(r)c pec?</b>	<b>PB,VS,2ND OF 3</b>
		MB,MS,OVAL,LARGE BNUC,SHISB,BM,MOD HISB MIDDLE,EXCELL GROUP,PAIRS=3991/3995,R=G	
<b>NGC 3995</b> Apr 09 2008 31" 17mmT4		<b>Galaxy SAm pec</b>	<b>F,PL,IR,BM,3RD OF 3</b>
		MF,PL,OVAL,UB,NND,MOD HISB,CIGAR SHAPE,PAIRS=3991/3994/EXCELL GROUP,R=G	
<b>NGC 3998</b> Mar 15 1985 12.5" 12mm Feb 12 1983 12.5" 16mm	<b>H229-1</b>	<b>Galaxy SA(r)0^?</b>	<b>CB,PS,R,VG,SMBM</b>
		PB,MS,BNUC,R,COMP TO W = 3990	
		MB,MS,BNUC,R,VMBM,FAINT COMP (3990),FORMS TRI WITH 3982	
<b>NGC 4013</b> Apr 26 2006 31" 17mmT4	<b>H733-2</b>	<b>Galaxy Sb sp</b>	<b>B,CL,ME62,VSVMBM*10</b>
		VB,EL,ELONG,PATCH,VB* CENTER OF NUC,12TH MAG,SS?,LARGE CENTRAL BULGE,SHISB,R=E	
<b>NGC 4026</b> Feb 12 1983 12.5" 16mm	<b>H223-1</b>	<b>Galaxy S0 sp</b>	<b>VB,CL,ME176,VSVMBMBN</b>
		MB,PS,EDGE ON,DUST LANE SUSP,VBM,CENTRAL BULGE	

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<b>NGC 4036</b> Mar 06 2003 12.5" 9mmT6 Feb 12 1983 12.5" 16mm	<b>H253-1</b> VB,VL,BNUC,VBM,LARGE BRT NUC,HISB MIDDLE,TAPPERED ENDS,R=E MB,PL,EDGE ON,BNUC,CENTRAL BULGE,DUST LANE SUSP,BM,PAIR/4041	<b>Galaxy S0-</b>	<b>VB,VL,E</b>
<b>NGC 4041</b> Mar 06 2003 12.5" 9mmT6 Feb 12 1983 12.5" 16mm	<b>H252-1</b> VB,PL,R,HISB,VERY LARGE NUC,VF* SUSP IN GAL,SMALL AREA (RING),FAINT ARMS,R=E MF,MS,DNUC,R,SBM,PAIR/4036	<b>Galaxy SA(rs)bc:</b>	<b>B,CL,R,G,PSVMBMRN</b>
<b>NGC 4047</b> Apr 26 2003 12.5" 9mmT6	<b>H741-2</b> MB,ML,OVAL,BNUC,MOD HISB,R=G	<b>Galaxy (R)SA(rs)b:</b>	<b>PB,PS,R</b>
<b>NGC 4051</b> Feb 12 1983 12.5" 16mm	<b>H56-4</b> MB,PL,FAINT NUC,F*W EDGE,BRT * E,STELL NUC,KNTS SUSP,FACE ON,OVAL	<b>Galaxy SAB(rs)bc</b>	<b>B,VL,E,VGVSMBM*11</b>
<b>NGC 4054</b> Mar 06 2003 12.5" 9mmT6	<b>H794-3</b> EDIF,EF,VS,PATCH,AV,COMES AND GOES THEN HOLDS,R=P	<b>Galaxy S</b>	<b>EF,S</b>
<b>NGC 4062</b> Apr 26 2003 12.5" 9mmT6	<b>H174-1</b> VB,VL,ELONG TO OVAL,UB,VERY HISB,VF* OFF NUC,R=E	<b>Galaxy SA(s)c</b>	<b>PB,VL,ME97,VGBM</b>
<b>NGC 4068</b> Mar 06 2003 12.5" 9mmT6	<b>H781-2</b> DIF,MF,VL,OVAL,R,NND,BRT * IN CENTER,F* OFF ONE SIDE,FACE ON,SPR STR SUSP,R=G	<b>Galaxy IAm</b>	<b>PF,S,STELLAR</b>
<b>NGC 4081</b> Mar 06 2003 12.5" 9mmT6	<b>H781-2</b> MF,MS,ELONG,UB,NND,R=F	<b>Galaxy Sa?</b>	<b>F,S,ME,D*NR</b>
<b>NGC 4085</b> Mar 06 2003 12.5" 9mmT6 Feb 12 1983 12.5" 24mm	<b>H224-1</b> MB,VL,EDGE ON,UB,NND,PAIR=4088,R=G DIF,PF,ML,EDGE ON,UB,NND,PAIR/4088	<b>Galaxy SAB(s)c:?</b>	<b>B,PL,ME78,VSBM</b>
<b>NGC 4088</b> Mar 06 2003 12.5" 9mmT6 Feb 12 1983 12.5" 24mm	<b>H206-1</b> MB,EL,OVAL,PATCH,UB,NND,SOMEWHAT HISB,PAIR=4085,R=E DIF,PB,PL,ELONG,HISB,NND,UB,W SIDE WIDER THAN E,PAIR/4085	<b>Galaxy SAB(rs)bc</b>	<b>B,CL,E55,LBM</b>
<b>NGC 4096</b> Mar 22 2004 12.5" 12mmT4 Mar 27 1981 12.5" 24mm	<b>H207-1</b> MF,PL,EDGE ON,PATCH,NND,SOMEWHAT BM,CENTRAL REGION PATCHY,BROKEN,R=G	<b>Galaxy SAB(rs)c</b>	<b>PB,VL,ME32</b>
<b>NGC 4100</b> Apr 26 2006 31" 17mmT4	<b>H717-3</b> PB,PL,SBNUC,MHISB,VERY SMALL BRT STELLAR LIKE NUC,UB THROUGHOUT,R=E	<b>Galaxy (R')SA(rs)bc</b>	<b>PB,VL,VME161,VGVLBM</b>
<b>NGC 4102</b> Mar 06 2003 12.5" 9mmT6 Feb 12 1983 12.5" 16mm	<b>H225-1</b> PB,ML,OVAL,BNUC,HISB,LARGE HISB NUC,F* OFF ONE EDGE,R=G MB,PS,BNUC,R,BM,F* (13 MAG) W EDGE,F* FARTHER E	<b>Galaxy SAB(s)b?</b>	<b>B,PS,R,BMBN,*12SPVNR</b>
<b>NGC 4141</b> Mar 06 2003 12.5" 9mmT6	<b>H795-3</b> EDIF,EF,ES,PATCH,AV,R=P	<b>Galaxy SBcd:</b>	<b>VF,PS,LE,GBM,R</b>

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<b>NGC 4142</b> Mar 06 2003 12.5" 9mmT6	<b>H814-3</b> VDIF,VF,MS,PATCH,UB,AV,R=P	<b>Galaxy SB(s)d:</b>	<b>VF,S,IF,VGLBM,ER</b>
<b>NGC 4144</b> Mar 22 2004 12.5" 12mmT4	<b>H747-2</b> MF,PL,EDGE ON,SHISB,SB TOWARDS BAR,CENTRAL BULDGE,R=E	<b>Galaxy SAB(s)cd? sp</b>	<b>PF,CL,VME109,VGBM</b>
<b>NGC 4149</b> Mar 06 2003 12.5" 9mmT6	<b>H802-2</b> MF,MS,ELONG,UB,NND,R=F	<b>Galaxy S?</b>	<b>F,S,E</b>
<b>NGC 4157</b> Apr 23 2003 12.5" 9mmT6	<b>H208-1</b> VF,EL,EDGE ON,BNUC,MOD HISB,DUST LANE SUSP,RES 7331,CENTRAL BULGE,R=E	<b>Galaxy SAB(s)b? sp</b>	<b>PF,CL,VME60,(DOUBLE)</b>
<b>NGC 4161</b> Apr 23 2003 12.5" 9mmT6	<b>H803-2</b> PB,ML,ELONG,PATCH,SOMEWHAT HISB,B* SURROUNDS OBJECT,GBM,R=G	<b>Galaxy S?</b>	<b>F,S,R</b>
<b>NGC 4172</b> Apr 23 2003 12.5" 9mmT6	<b>H792-2</b> DIF,PF,ML,OVAL,PATCH,FNUC,R=F	<b>Galaxy S?</b>	<b>F,S,LE,GBM</b>
<b>NGC 4194</b> Apr 23 2003 12.5" 9mmT6	<b>H867-2</b> PB,ML,OVAL,R,BNUC,MOD HISB,GMBM,R=G	<b>Galaxy IBm pec</b>	<b>PB,VS,VSBM*12</b>
<b>NGC 4195</b> Apr 23 2003 12.5" 9mmT6	<b>H796-3</b> EDIF,EF,ES,PATCH,AV,SUSP,R=P	<b>Galaxy SB(s)cd</b>	<b>EF</b>
<b>NGC 4198</b> Apr 23 2003 12.5" 9mmT6	<b>H793-2</b> MB,MS,OVAL,R,PATCH,FNUC,BETWEEN 2*S,R=F	<b>Galaxy S0/a</b>	<b>PF,PS,LE,GBM</b>
<b>NGC 4199</b> Apr 23 2003 12.5" 9mmT6	<b>H797-3</b> VDIF,VF,MS,PATCH,UB,NND,R=P	<b>Galaxy Sb</b>	<b>VF,S</b>
<b>NGC 4271</b> Feb 04 2005 31" 17mmT4	<b>H804-2</b> PB,MS,OVAL,LARGE BNUC,F* OFF ONE SIDE,ANOTHER OFF END,MOD HISB MID,PAIR=MAC,R=G	<b>Galaxy S0-:</b>	<b>PB,PL,IF</b>
<b>NGC 4284</b> Feb 04 2005 31" 17mmT4	<b>H798-3</b> MB,PS,ELONG,VERY SMALL FNUC,* OFF ONE EDGE,R=F,PAIR=4290,R=F	<b>Galaxy Sbc</b>	<b>CF,LE,P OF 2</b>
<b>NGC 4290</b> Feb 04 2005 31" 17mmT4	<b>H805-2</b> PB,ML,OVAL,SMALL BNUC,SHISB,HISB MIDDLE,BM,PAIR=4284,R=G	<b>Galaxy SB(rs)ab:</b>	<b>PB,L,R,GMBM</b>
<b>NGC 4335</b> Feb 04 2005 31" 17mmT4	<b>H806-2</b> MB,PL,OVAL,LARGE BNUC,HISB MIDDLE,GMBM,R=G	<b>Galaxy E</b>	<b>PB,S,E,GBM</b>
<b>NGC 4358</b> Feb 04 2005 31" 17mmT4	<b>H799-3</b> VF,ES,R,* NUC OR VF* IN GAL,INTERACT=4364,PAIRS=4362/MAC,R=P	<b>Galaxy S0</b>	<b>CF,CS,LE</b>
<b>NGC 4362</b> Feb 04 2005 31" 17mmT4	<b>H800-3</b> MF,MS,OVAL,SMALL FNUC,GRADUALLY BM,PAIRS=4364/4358,R=F	<b>Galaxy S?</b>	<b>VF,CS,R,R</b>

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<b>NGC 4364</b> Feb 04 2005 31"	17mmT4	<b>H801-3</b> MF,MS,OVAL,LARGE FNUC,SLIGHTLY HISB MIDDLE,INTERACT=4358,PAIR=4362,R=G	<b>Galaxy S0</b>	<b>CF,CS,R</b>
<b>NGC 4384</b> Feb 04 2005 31"	17mmT4	<b>H879-3</b> MB,MS,OVAL,LARGE NUC,SHISB,GRADUALLY BM,R=G	<b>Galaxy Sa</b>	<b>CF,S,IR</b>
<b>NGC 4500</b> Feb 04 2005 31"	17mmT4	<b>H234-1</b> PB,MS,ELONG,SMALL BNUC,HISB MIDDLE,BM,TAPERED ENDS,R=G	<b>Galaxy SB(s)a</b>	<b>B,CS,E,PGBM,*9F50"</b>
<b>NGC 4511</b> Feb 04 2005 31"	17mmT4	<b>H834-3</b> PF,MS,OVAL,UB,NND,PATCHY,R=F	<b>Galaxy Sbc</b>	<b>PF,VS,IR,VGBM</b>
<b>NGC 4547</b> Mar 26 2006 31"	17mmT4	<b>H802-3</b> PF,MS,R,SMALL BNUC,VERY CLOSE COMP=PGC41897,OTHER PAIRS,R=F	<b>Galaxy E/S0</b>	<b>VF,PS,E,VGBM,*9F,PO2</b>
<b>NGC 4549</b> Mar 26 2006 31"	17mmT4	<b>H807-3</b> VF,PS,ELONG,PATCH,UB,NND,OTHER PAIRS,R=P	<b>Galaxy</b>	<b>EF,PS,E,F OF 2</b>
<b>NGC 4566</b> Mar 26 2006 31"	17mmT4	<b>H880-3</b> MB,MS,OVAL,R,SBNUC,FAINT HALO AROUND NUC,SMBM,MOD HISB MIDDLE,R=G	<b>Galaxy S</b>	<b>PF,S,IR,GBM</b>
<b>NGC 4605</b> Mar 26 2006 31"	17mmT4	<b>H254-1</b> EB,VL,ELONG,UB,HISB PATCHES DET,* OFF ONE SIDE,CENTRAL BULGE,R=E	<b>Galaxy SB(s)c pec</b>	<b>B,L,VME118,GLBM</b>
<b>NGC 4644</b> Mar 26 2006 31"	17mmT4	<b>H794-2</b> MF,MS,ELONG,LFNUC,SOMEWHAT HISB MIDDLE,CLOSE COMP=PGC42725,R=F	<b>Galaxy SBb:</b>	<b>VF,S,R,GBM</b>
<b>NGC 4646</b> Mar 26 2006 31"	17mmT4	<b>H794-2</b> MB,MS,OVAL,LBNUC,* OFF EDGE,GMBM,HISB MIDDLE,PAIR=MAC,R=G	<b>Galaxy S0?</b>	<b>F,S,4VS*SP</b>
<b>NGC 4652</b> Mar 26 2006 31"	17mmT4	<b>H794-2</b> PF,PS,ELONG,LARGE FNUC,VF* IN EDGE,R=F	<b>Galaxy Sb</b>	<b>PF,PL,GBM,2B*6'NP</b>
<b>NGC 4669</b> Mar 26 2006 31"	17mmT4	<b>H794-2</b> MF,MS,ELONG,UB,NND,SHISB,CIGAR SHAPE,SOMEWHAT HISB,R=F	<b>Galaxy S</b>	<b>F,E,(RESOLVABLE)</b>
<b>NGC 4675</b> Mar 26 2006 31"	17mmT4	<b>H778-3</b> MF,MS,ELONG,UB,NND,SHISB,PAIR=PGC43028,R=F	<b>Galaxy SBb:</b>	<b>CF,S,LE</b>
<b>NGC 4686</b> Mar 26 2006 31"	17mmT4	<b>H795-2</b> MB,ML,ELONG,LBNUC,FAINT HALO,ARMS,HISB MIDDLE,GMBM,BM,R=G	<b>Galaxy Sa</b>	<b>PF,VS,VME,VSMBM</b>
<b>NGC 4695</b> Mar 26 2006 31"	17mmT4	<b>H796-2</b> MF,MS,ELONG,PATCH,UB,NND,VF* IN TIP,CLOSE COMP NOT DET,R=F	<b>Galaxy S</b>	<b>EF,PS,VLE,MBMN</b>
<b>NGC 4732</b> Mar 26 2006 31"	17mmT4	<b>H814-2</b> MB,MS,ELONG,LARGE BNUC,SOMEWHAT HISB MIDDLE,R=G	<b>Galaxy E</b>	<b>F,S,VSMBM</b>

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<b>NGC 4801</b>		<b>H816-3</b>	<b>Galaxy L</b>	<b>EF,S,LE</b>
Mar 26 2006 31"	17mmT4	MF,PS,OVAL,SMALL BNUC,R=F		
<b>NGC 4814</b>		<b>H243-1</b>	<b>Galaxy SA(s)b</b>	<b>B,PS,VLE,VGBM</b>
Mar 26 2006 31"	17mmT4	MB,ML,OVAL,SBNUC,MHISB,GMBM,SMALL R NUC,HISB MIDDLE,R=G		
<b>NGC 4964</b>		<b>H779-3</b>	<b>Galaxy S?</b>	<b>EF,S,LE</b>
Apr 14 2004 31"	17mmT4	MF,MS,PATCH,UB,NND,SHISB,F* ON EDGE,R=F		
<b>NGC 4967</b>		<b>H783-3</b>	<b>Galaxy E</b>	<b>VF,S,E,*ATT</b>
Apr 14 2004 31"	17mmT4	MF,PS,OVAL,SMALL FNUC,R=F		
<b>NGC 4973</b>		<b>H781-3</b>	<b>Galaxy E/S0</b>	<b>VF,S</b>
Apr 14 2004 31"	17mmT4	MF,MS,OVAL,R,SMALL BNUC,BM,PAIRS/MANY,R=F		
<b>NGC 4974</b>		<b>H782-3</b>	<b>Galaxy E/S0</b>	<b>VF,S</b>
Apr 14 2004 31"	17mmT4	MF,MS,OVAL,R,SMALL BNUC,BM,PAIRS=4973 GROUP,R=F		
<b>NGC 4977</b>		<b>H780-3</b>	<b>Galaxy SA(r)b</b>	<b>CF,S</b>
Apr 14 2004 31"	17mmT4	MF,PS,OVAL,LARGE FNUC,R=F		
<b>NGC 5001</b>			<b>Galaxy SB</b>	<b>PF,S,IR,GBM</b>
Apr 14 2004 31"	17mmT4	MF,MS,R,SMALL BNUC,MHISB,R=F		
<b>NGC 5007</b>		<b>H848-3</b>	<b>Galaxy S0-:</b>	<b>VF,VS</b>
Apr 14 2004 31"	17mmT4	MF,MS,OVAL,R,SMALL BNUC,PAIR=PGC45617,R=F		
<b>NGC 5109</b>		<b>H826-2</b>	<b>Galaxy S</b>	<b>CF,S,CE</b>
Apr 14 2004 31"	17mmT4	DIF,PF,MS,ELONG,UB,CENTRAL BULDGE,PAIR=5113,R=F		
<b>NGC 5113</b>		<b>H808-3</b>	<b>Galaxy Sbc</b>	<b>CF,S,E,(=5109)</b>
Apr 14 2004 31"	17mmT4	VDIF,VF,PS,ELONG,PATCH,UB,NND,PAIR=5109,R=P		
<b>NGC 5163</b>		<b>H821-3</b>	<b>Galaxy E</b>	<b>CF,STELLAR</b>
Apr 03 2005 31"	17mmT4	MB,PS,OVAL,R,SMALL BNUC,R=F		
<b>NGC 5164</b>		<b>H784-3</b>	<b>Galaxy SBb</b>	<b>CF,S,IR</b>
Apr 03 2005 31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,PAIR=MAC,R=F		
<b>NGC 5201</b>		<b>H797-2</b>	<b>Galaxy S?</b>	<b>PF,CS,R,VGLBM</b>
Apr 03 2005 31"	17mmT4	MB,ML,OVAL,SMALL BNUC,KEEP B* OUT OF FOV,R=F		
<b>NGC 5204</b>		<b>H63-4</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>NGC 5205</b>			<b>Galaxy S?</b>	<b>VF,PS,R,BET2VF*</b>
Apr 03 2005 31"	17mmT4	MF,MS,OVAL,VERY SMALL FNUC,SLIGHTLY BM,R=F		

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<b>NGC 5216</b>		<b>H841-2</b>	<b>Galaxy E0 pec</b>	<b>PB,S,VLE</b>
Apr 03 2005 31"	17mmT4	PB,ML,R,LARGE BNUC,SMBM,MOD HISB MIDDLE,R=G		
<b>NGC 5218</b>		<b>H842-2</b>	<b>Galaxy SB(s)b? pec</b>	<b>PB,PL,R,GBM</b>
Apr 03 2005 31"	17mmT4	PB,ML,OVAL,UB,NND,SHISB,PAIR=5216,R=G		
<b>NGC 5250</b>		<b>H817-2</b>	<b>Galaxy S0</b>	<b>PB,S,R,VGBM</b>
Apr 03 2005 31"	17mmT4	PB,MS,R,SMALL BNUC,SOMEWHAT HISB MIDDLE,R=G		
<b>NGC 5255</b>		<b>H803-3</b>	<b>Galaxy Sb</b>	<b>VF,VS</b>
Apr 03 2005 31"	17mmT4	MF,VS,SMALL BNUC,R=G		
<b>NGC 5278</b>		<b>H798-2</b>	<b>Galaxy SA(s)b? pec</b>	<b>PF,R,VS NEB40"F,*N</b>
Apr 03 2005 31"	17mmT4	MF,MS,OVAL,UB,NND,CLOSE COMP=5279,PAIRS=PGC'S,R=F		
<b>NGC 5279</b>			<b>Galaxy SB(s)a pec</b>	<b>F,VS,F OF 2</b>
Apr 03 2005 31"	17mmT4	PF,PS,OVAL,UB,NND,SOMEWHAT HISB,CLOSE COMP=5278,PAIRS=PGC'S,R=F		
<b>NGC 5294</b>		<b>H785-3</b>	<b>Galaxy</b>	<b>EF,2ST ATT OR INV</b>
Apr 03 2005 31"	17mmT4	PF,VS,R,UB,NND,F* OFF EDGE,R=F		
<b>NGC 5308</b>		<b>H255-1</b>	<b>Galaxy S0- sp</b>	<b>B,PL,ME57,PSBMBEN</b>
Apr 03 2005 31"	17mmT4	PF,PL,EDGE ON,LARGE BNUC,HISB MIDDLE,DUST SUSP,TAPPERED ENDS,BULGE,R=E		
<b>NGC 5322</b>		<b>H256-1</b>	<b>Galaxy E3-4</b>	<b>VB,PL,IR,PSMBM</b>
Apr 03 2005 31"	17mmT4	VB,VL,ELONG,OVAL,LARGE BNUC,HISB MIDDLE,* OR COMP OFF NUC,F* ON EDGE,SN?,R=E		
Feb 12 1983 12.5"	16mm	VB,ML,BNUC,R,BM,2F*S OFF IN A LINE		
<b>NGC 5342</b>		<b>H849-3</b>	<b>Galaxy S0</b>	<b>EF,VS</b>
May 16 2004 31"	17mmT4	PB,MS,ELONG,LARGE BNUC,R=F		
<b>NGC 5368</b>		<b>H786-3</b>	<b>Galaxy (R')SABab:</b>	<b>F,CS,R,STELL,*16NF</b>
May 16 2004 31"	17mmT4	MB,MS,OVAL,LARGE BNUC,HISB MIDDLE,GMBM,PAIR=MAC,R=G		
<b>NGC 5370</b>		<b>H843-2</b>	<b>Galaxy SB(r)0^</b>	<b>F,S</b>
May 16 2004 31"	17mmT4	MF,MS,OVAL,LARGE BNUC,GMBM,SHISB MIDDLE,R=G		
<b>NGC 5372</b>		<b>H809-3</b>	<b>Galaxy S?</b>	<b>CF,S,E,(**INV)</b>
May 16 2004 31"	17mmT4	PB,ML,ELONG,LARGE BNUC,HISB MIDDLE,R=G		
<b>NGC 5376</b>		<b>H844-2</b>	<b>Galaxy SAB(r)b?</b>	<b>CB,PL,VLE,VGMBM</b>
May 16 2004 31"	17mmT4	MB,PL,OVAL,PATCH,SHISB,BRT PATCH IN GAL DET CLOSE TO NUC,PAIRS=5389/5379,R=G		
<b>NGC 5379</b>		<b>H239-1</b>	<b>Galaxy S0</b>	<b>PB,PS,E,MBM</b>
May 16 2004 31"	17mmT4	DIF,MF,ML,OVAL,PATCH,NND,SOMEWHAT BM,PAIRS=5389/5376/P49512,R=F		
<b>NGC 5389</b>		<b>H240-1</b>	<b>Galaxy SAB(r)0/a:?</b>	<b>PB,PL,E,MBMN</b>

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<b>NGC 5389</b>		<b>H240-1</b>	<b>Galaxy SAB(r)0/a:?</b>	<b>PB,PL,E,MBMN</b>
May 16 2004 31"	17mmT4	PB,PL,ELONG,LARGE BNUC,MOD HISB,GMBM,TAPPED ARMS,PAIRS=5379/5376/P49512,R=E		
<b>NGC 5402</b>		<b>H810-3</b>	<b>Galaxy S?</b>	<b>VF,VS,R</b>
May 16 2004 31"	17mmT4	MF,ML,EDGE ON,NND,F* OFF TIP,SLIGHTLY BRTER ALONG BAR,NO NUC BULGE DET,R=F		
<b>NGC 5422</b>		<b>H230-1</b>	<b>Galaxy S0 sp</b>	<b>PB,S,PME45,VSVMBMN</b>
Mar 06 2003 12.5"	9mmT6	PB,ML,EDGE ON,BNUC,HISB,LARGE BRT NUC,MOD HISB MIDDLE,R=G		
<b>NGC 5430</b>		<b>H827-2</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>NGC 5443</b>		<b>H799-2</b>	<b>Galaxy SB(s)b?</b>	<b>PF,L,E</b>
Mar 06 2003 12.5"	9mmT6	PB,ML,OVAL,PATCH,SOMEWHAT HISB,F* IN EDGE,SBM,R=G		
<b>NGC 5447</b>		<b>H787-3</b>	<b>Knot in Galaxy</b>	<b>PB,S,R,GMBM,CONNM101</b>
Mar 08 2010 31"	17mmT4	MF,MS,PATCH,2 PARTS ONE WITH VF* IN IT,KNOT IN GAL,SQUARE IN SHAPE,PAIRS=NGC'S,R=F		
Nov 24 2006 12.5"	12mmT4	PF,PS,PATCH,UB,VF* ON SIDE/EDGE,KNOT IN M101,R=F		
<b>NGC 5448</b>		<b>H691-2</b>	<b>Galaxy (R)SAB(r)a</b>	<b>PB,CL,VME90,SMBMN</b>
Nov 24 2006 12.5"	12mmT4	MB,PL,ELONG,PATCH,UB,NND,SOMEWHAT HISB,R=G		
<b>NGC 5451</b>			<b>Knot in Galaxy</b>	<b>VF,PL,IR,VLBM,CON101</b>
Mar 06 2003 12.5"	9mmT6	MF,PS,R,UB,NND,JUST ON THE EDGE OF M101,R=F		
<b>NGC 5457</b>	<b>M101</b>		<b>Galaxy SAB(rs)cd</b>	<b>PB,VL,IR,G,VSMBMSN 4</b>
Mar 08 2010 31"	17mmT4	PB,EL,OVAL,SMALL BNUC,FACE ON,SPR STR,H2 REGIONS,DUST,DETAIL IN ARMS,MANY F*'S IN ARMS,PAIRS=NGC'S,R=E		
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 06 2003 12.5"	9mmT6	EB,EL,R,BNUC,HISB,FACE ON,KNTS DET,ARMS DET,SPR STR DET,F*'S,SMALL RNUC,R=E		
Mar 02 1984 10"	20mm	MB,EL,BNUC,FACE ON,F* JUST N OF NUC,SPR STR SUSP		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Apr 16 1980 6"	24mm			
<b>NGC 5461</b>		<b>H788-3</b>	<b>Knot in Galaxy</b>	<b>B,PS,R,PSBM,CONNM101</b>
Mar 08 2010 31"	17mmT4	MB,PS,BNUC,BRT AREA WITH ELONG ENDS,KNOT IN GAL,PAIRS=NGC'S,R=F		
Nov 24 2006 12.5"	12mmT4	VF,VS,PATCH,KNOT IN M101,R=F		
<b>NGC 5462</b>		<b>H789-3</b>	<b>Knot in Galaxy</b>	<b>PB,PL,IR,GBM,CONM101</b>
Mar 08 2010 31"	17mmT4	MB,MS,ELONG,UB,KNOT IN GAL,RECTANGLAR SHAPE,UB PATCH,PAIRS=NGC'S,R=F		
Nov 24 2006 12.5"	12mmT4	VF,VS,PATCH,UB,AV FIRST THEN HOLDS,KNOT IN M101,R=F		
<b>NGC 5471</b>			<b>Galaxy</b>	<b>F,S,R,*12,13P</b>
Mar 08 2010 31"	17mmT4	MB,PS,OVAL,LARGE BNUC,GAL IN M101,PAIRS=NGC'S,R=G		
Nov 24 2006 12.5"	12mmT4	VF,VS,R,SMALL FNUC,VERY CLOSE TO M101,R=F		
May 16 2004 31"	17mmT4	MB,MS,R,LARGE BNUC,LARGE NUC AREA,CLOSE TO M101,MOD HISB,PAIR=MAC,R=G		

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<b>NGC 5473</b> Mar 06 2003 12.5" 9mmT6 Jun 11 1983 12.5" 20mm Mar 27 1981 12.5" 24mm	<b>H231-1</b> PB,ML,R,BNUC,MOD HISB,R=G MB,PS,BNUC,BETWEEN 2 F*S E&W,R,SBM,CLOSE TO M101 (NORTH)	<b>Galaxy SAB(s)0-:</b>	<b>PB,S,R,GBM</b>
<b>NGC 5474</b> Mar 06 2003 12.5" 9mmT6 Jun 11 1983 12.5" 20mm Mar 27 1981 12.5" 24mm	<b>H214-1</b> PF,PL,R,PATCH,NND,PATCHY,F* IN GAL DET,R=G DIF,MB,PL,FNUC,F*NW 1 GAL DIA,OVAL,SMALL BRT NUC,SOUTH OF M101	<b>Galaxy S(c)</b>	<b>PB,L,BM</b>
<b>NGC 5475</b> Mar 06 2003 12.5" 9mmT6	<b>H800-2</b> MB,PL,ELONG,FNUC,SBM,R=G	<b>Galaxy Sa? sp</b>	<b>PB,S,PME,BM</b>
<b>NGC 5477</b> Nov 24 2006 12.5" 12mmT4 May 16 2004 31" 17mmT4 Mar 06 2003 12.5" 9mmT6	<b>H790-3</b> VF,MS,OVAL,PATCH,UB,CLOSE TO M101,R=P DIF,PF,VL,OVAL,UB,NND, 2VF*S IN GAL,R=F EDIF,EF,MS,PATCH,SUSP ONLY,LOCATION,GOOD,PAIR/5451,R=P	<b>Galaxy SA(s)m</b>	<b>VF,PL</b>
<b>NGC 5480</b> Mar 06 2003 12.5" 9mmT6	<b>H692-2</b> DIF,MB,PL,R,PATCH,SBM,LARGER THAN COMP,PAIR/5481,R=F	<b>Galaxy SA(s)c:</b>	<b>F,PS,VGBM,NP OF 2</b>
<b>NGC 5481</b> Mar 06 2003 12.5" 9mmT6	<b>H693-2</b> DIF,MB,ML,R,PATCH,*NUC,PAIR/5480,R=F	<b>Galaxy E+</b>	<b>F,VS,SMBM,STELL,SF-2</b>
<b>NGC 5484</b> Mar 06 2003 12.5" 9mmT6	<b>H791-3</b> AV,SUSP ONLY,LOCATION GOOD,PAIR/5486/5485,R=P	<b>Galaxy E2</b>	<b>VF,S,R,4'FROM 5485</b>
<b>NGC 5485</b> Mar 06 2003 12.5" 9mmT6 Mar 27 1981 12.5" 24mm	<b>H232-1</b> PB,PL,PATCH,MOD HISB,SGBM,PAIR/5486/5484,R=G	<b>Galaxy SA0 pec</b>	<b>CB,R,VGBM,F OF 2</b>
<b>NGC 5486</b> Mar 06 2003 12.5" 9mmT6	<b>H801-2</b> VDIF,VF,ML,PATCH,NND,PAIR/5485/5484,R=P	<b>Galaxy SA(s)m:</b>	<b>F,PL</b>
<b>NGC 5503</b> Mar 26 2006 31" 17mmT4	<b>H801-2</b> PF,PS,OVAL,UB,NND,R=F	<b>Galaxy</b>	<b>EEF,VS,R,VDIFFIC,</b>
<b>NGC 5526</b> Mar 06 2003 12.5" 9mmT6	<b>H804-3</b> VDIF,VF,PS,ELONG,PATCH,NND,CLOSE COMP NOT DET,R=P	<b>Galaxy Sbc</b>	<b>VF,S,E,R</b>
<b>NGC 5540</b> Mar 06 2003 12.5" 9mmT6	<b>H805-3</b> VDIF,VF,VS,PATCH,UB,R=P	<b>Galaxy</b>	<b>EF,VS,R,STELLAR</b>
<b>NGC 5561</b> Jun 01 2003 12.5" 9mmT6	<b>H805-3</b> EDIF,EF,ES,PATCH,AV,SUSP,LOC GOOD,R=P	<b>Galaxy Sm</b>	<b>EF,PS,R,F*CLOSE P</b>
<b>NGC 5585</b>	<b>H235-1</b>	<b>Galaxy SAB(s)d</b>	<b>PF,L,IR,VGMBM,R</b>



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<b>NGC 5585</b>		<b>H235-1</b>	<b>Galaxy SAB(s)d</b>	<b>PF,L,IR,VGMBM,R</b>
Jun 01 2003	12.5" 9mmT6		VDIF,VF,VL,OVAL,PATCH,NND,PATCH AREA'S IN VARIOUS PARTS DETECTED,R=F	
<b>NGC 5631</b>		<b>H236-1</b>	<b>Galaxy SA(s)0^</b>	<b>B,S,R,PSBMN</b>
Jun 01 2003	12.5" 9mmT6		PB,ML,ELONG,BNUC,SHISB,HALO-ARMS,SMALL BRFT NUC,STELLAR LIKE,GMBM,R=G	
Jun 11 1983	12.5" 20mm		MF,VS,BNUC,SEVERAL F*S TO N,R,GBM,BARREN AREA TO SOUTH	
<b>PAL 4</b>			<b>Globular</b>	
Apr 11 2015	36" 17mmT4		EF,MS,PATCH,~TYPE X,VERY F PATCH,CANNOT MAKE OUT INDIVIDUAL *S,R=P	
<b>PGC 23324</b>			<b>Galaxy Dwarf Irr</b>	
Dec 28 2008	31" 17mmT4		VDIF,EF,ML,NND,IRR,3*IN TRI IN CENT OF VF NEB PATCH,BRTER PATCH BY 1* IN TRI,R=P	
<b>PGC 23913</b>			<b>Galaxy SA(s)c</b>	
Feb 04 2005	31" 17mmT4		DIF,VF,PL,PATCH,UB,NND,F* IN EDGE,OTHER *S OPPOSITE SIDE,R=F	
<b>PGC 24908</b>			<b>Galaxy SBb</b>	
Apr 07 2008	31" 17mmT4		VF,MS,OVAL,LARGE FNUC,MOD HISB,PAIRS=PGC'S,R=F	
<b>PGC 24912</b>			<b>Galaxy E</b>	
Apr 07 2008	31" 17mmT4		VF,PS,R,UB,NND,PAIRS=PGC'S,R=F	
<b>PGC 24916</b>			<b>Galaxy</b>	
Apr 07 2008	31" 17mmT4		VF,PS,OVAL,R,PATCH,UB,NND,PAIRS=PGC'S,R=P	
<b>PGC 25130</b>			<b>Galaxy S?</b>	
Feb 04 2005	31" 17mmT4		MB,PS,OVAL,R,LARGE BNUC,SHISB,PAIR=2692,R=G	
<b>PGC 25240</b>			<b>Galaxy Dwarf Spiral</b>	
Mar 06 2003	12.5" 9mmT6		EDIF,EF,ES,OVAL,PATCH,PAIR=IC512,R=P	
<b>PGC 25290</b>			<b>Galaxy Sb</b>	
Apr 07 2008	31" 17mmT4		MF,PS,OVAL,SMALL FNUC,R=F	
<b>PGC 25305</b>			<b>Galaxy Sab</b>	
Apr 07 2008	31" 17mmT4		MF,PS,OVAL,PATCH,UB,NND,R=F	
<b>PGC 25308</b>			<b>Galaxy Sc</b>	
Apr 07 2008	31" 17mmT4		PF,MS,EDGE ON,UB,NND,SLIGHT CENTRAL BULGE,PAIR=MAC,R=F	
<b>PGC 25369</b>			<b>Galaxy Sc</b>	
Apr 07 2008	31" 17mmT4		EF,VS,PATCH,NND,BROKEN PIECES,VF*S AROUND NUC AREA,PATCHY,PAIR=PGC25370,R=P	
<b>PGC 25370</b>			<b>Galaxy S?</b>	
Apr 07 2008	31" 17mmT4		MF,MS,OVAL,R,LARGE FNUC,SOMEWHAT HISB MIDDLE,PAIR=PGC25369,R=F	
<b>PGC 25649</b>			<b>Galaxy S0-:</b>	

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<b>PGC 25649</b>		<b>Galaxy S0-:</b>
Apr 07 2008 31"	17mmT4	MF,PS,R,SMALL BNUC,SOMEWHAT HISB MIDDLE,R=F
<b>PGC 25755</b>		<b>Galaxy</b>
Mar 06 2003 12.5"	9mmT6	EF,ES,PATCH,AV,SUSPECTED,PAIR=2756,R=P
Jan 08 2003 12.5"	9mmT6	EEDIF,EF,ES,SUSP ONLY,COMP=2756
<b>PGC 26289</b>		<b>Galaxy Sab</b>
Mar 26 2003 12.5"	9mmT6	DIF,VF,MS,PATCH,NND,F* IN GAL,R=P
<b>PGC 26572</b>		<b>Galaxy SBR</b>
Apr 14 2004 31"	17mmT4	DIF,PF,MS,OVAL,UB,NND,VF* IN GAL,R=F
<b>PGC 26579</b>		<b>Galaxy Sa</b>
Apr 14 2004 31"	17mmT4	PF,MS,OVAL,PATCH,LARGE FNUC,R=F
<b>PGC 26694</b>		<b>Galaxy C</b>
Apr 07 2008 31"	17mmT4	PB,VS,R,VERY SMALL FNUC,CLOSE TO *,R=P
<b>PGC 26849</b>		<b>Galaxy SB(s)dm pec</b>
Apr 07 2008 31"	17mmT4	MF,MS,R,LARGE FNUC,PAIR=PGC26864,R=F
<b>PGC 26864</b>		<b>Galaxy SAB(s)c</b>
Apr 07 2008 31"	17mmT4	VF,PS,ELONG,PATCH,UB,NND,PAIR=PGC26849,R=P
<b>PGC 26940</b>		<b>Galaxy C</b>
Apr 14 2004 31"	17mmT4	MF,MS,OVAL,PATCH.UB,NND,PAIR=2880,R=F
<b>PGC 27029</b>		<b>Galaxy Sc</b>
Apr 14 2004 31"	17mmT4	DIF,MP,MS,OVAL,PATCH,UB,NND,R=P
<b>PGC 27041</b>		<b>Galaxy SBa</b>
Apr 14 2004 31"	17mmT4	MF,PS,SMALL BNUC,B DOUBLE * IN FOV,SHISB MIDDLE,R=F
<b>PGC 27076</b>		<b>Galaxy SB</b>
Apr 14 2004 31"	17mmT4	DIF,EF,VS,AV,PAIRS/2895/MAC,R=P
<b>PGC 27788</b>		<b>Galaxy S?</b>
Apr 14 2004 31"	17mmT4	DIF,PF,MS,OVAL,PATCH,UB,NND,R=P
<b>PGC 28045</b>		<b>Galaxy S?</b>
Apr 07 2008 31"	17mmT4	PF,PS,R,SMALL FNUC,R=F
<b>PGC 28239</b>		<b>Galaxy Spiral</b>
Mar 06 2010 31"	17mmT4	PF,MS,EDGE ON,UB,NND,R=F
<b>PGC 28330</b>		<b>Galaxy</b>

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<b>PGC 28330</b>		<b>Galaxy</b>
Jan 29 2014 36"	17mmT4	PF,VS,OVAL.LFNUC,PAIRS=3010/PGC28340,R=F
<b>PGC 28340</b>		<b>Galaxy Compact</b>
Jan 29 2014 36"	17mmT4	PF,VS,R,NND,PAIRS=3010/PGC28330,R=PF
<b>PGC 28751</b>		<b>Galaxy S</b>
Apr 07 2008 31"	17mmT4	EEF,ES,DETECTED SHORTLY WITH AV,DID NOT HOLD,HICKSON 41,SUSP,R=P
<b>PGC 28753</b>		<b>Galaxy S?</b>
Apr 07 2008 31"	17mmT4	EF,VS,UB,NND,AV FIRST THEN HOLDS,HICKSON 41,R=P
<b>PGC 28757</b>		<b>Galaxy Im</b>
Apr 03 2005 31"	17mmT4	VDIF,EF,ML,OVAL,PATCH,NND,AV,SEVERAL VF**S IN AND AROUND GAL,R=P
<b>PGC 28764</b>		<b>Galaxy S?</b>
Apr 07 2008 31"	17mmT4	PF,PS,ELONG,SMALL BNUC,HICKSON 41,R=F
<b>PGC 28770</b>		<b>Galaxy S</b>
Apr 07 2008 31"	17mmT4	VS,PS,ELONG,PATCH,UB,NND,HICKSON 41,R=P
<b>PGC 28784</b>		<b>Galaxy E</b>
Apr 07 2008 31"	17mmT4	LOC GOOD,DID NOT DET ONLY SUSP,HICKSON 41,R=P
<b>PGC 28990</b>		<b>Galaxy Sb-Sc</b>
Jan 08 2003 12.5"	9mmT6	EDIF,PF,MS,PAIR/3073/3079
<b>PGC 29068</b>		<b>Galaxy S R</b>
Apr 07 2008 31"	17mmT4	VF,VS,ELONG,UB,NND,PAIR=MAC,R=P
<b>PGC 29142</b>		<b>Galaxy S0/a</b>
Apr 07 2008 31"	17mmT4	EF,VS,ELONG,UB,NND,AV FIRST THEN HOLDS,B* CLOSE BY,R=P
<b>PGC 29229</b>		<b>Galaxy Sdm:</b>
Feb 09 2013 36"	17mmT4	EF,ES,PATCH,PA~?,FAINT PATCH SUSP,R=P
<b>PGC 29327</b>		<b>Galaxy E/S0</b>
Apr 07 2008 31"	17mmT4	MB,PS,R,SMALL BNUC,MOD HISB MIDDLE,R=F
<b>PGC 29427</b>		<b>Galaxy Im</b>
Apr 07 2008 31"	17mmT4	DIF,MF,PL,OVAL,PATCH,UB,NND,R=F
<b>PGC 29472</b>		<b>Galaxy SB(s)c? sp</b>
Apr 07 2008 31"	17mmT4	MF,VL,EDGE ON,NND,MOD HISB,B*TIP,DUST AREAS SUSP,PATCHY,BROKEN PARTS,R=G
<b>PGC 29550</b>		<b>Galaxy SB(s)c</b>
Apr 07 2008 31"	17mmT4	EF,VS,AV,SUSP,LOC GOOD,LOC IN BARRON * FIELD,FEW GUIDE STARS,AV ONCE,R=P

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<b>PGC 29595</b>		<b>Galaxy Sdm:</b>
Apr 07 2008 31"	17mmT4	EF,VS,PATCH,UB,NND,AV HOLDS,PAIR=PGC29612,R=P
<b>PGC 29612</b>		<b>Galaxy</b>
Apr 07 2008 31"	17mmT4	VF,VS,OVAL,UB,NND,VF*OFF ONE SIDE,PAIR=PGC29595,R=F
<b>PGC 29955</b>		<b>Galaxy SB</b>
Apr 07 2008 31"	17mmT4	VF,MS,OVAL,PATCH,UB,NND,R=P
<b>PGC 29962</b>		<b>Galaxy S?</b>
Apr 07 2008 31"	17mmT4	PF,VS,R,VERY SMALL FNUC,R=P
<b>PGC 30027</b>		<b>Galaxy E:</b>
Apr 23 2003 12.5"	9mmT6	DIF,VF,VS,PATCH,NND,PAIR=3168,R=P
<b>PGC 30122</b>		<b>Galaxy</b>
Apr 23 2003 12.5"	9mmT6	VDIF,EF,VS,PATCH,NND,AV ABLE TO HOLD,R=P
<b>PGC 30137</b>		<b>Galaxy S</b>
Apr 07 2008 31"	17mmT4	EF,VS,PATCH,UB,NND,HICKSON 45,R=P
<b>PGC 30143</b>		<b>Galaxy S</b>
Apr 07 2008 31"	17mmT4	DID NOT DET,TOOCLOSE TO *,HICKSON 45,R=P
<b>PGC 30153</b>		<b>Galaxy Sb</b>
Apr 07 2008 31"	17mmT4	VF,PS,ELONG,UB,NND,HICKSON 45,COVERING PGC30156,R=P
<b>PGC 30156</b>		<b>Galaxy S</b>
Apr 07 2008 31"	17mmT4	DID NOT DET,ON TOP OF PGC30153,HICKSON 45,R=P
<b>PGC 30240</b>		<b>Galaxy Sab</b>
Apr 23 2003 12.5"	9mmT6	VF,ES,PATCH,FNUC,TUCKED INSIDE A SMALL TRIANGLE,R=F
<b>PGC 30368</b>		<b>Galaxy Sbc</b>
Apr 23 2003 12.5"	9mmT6	VDIF,EF,ES,PATCH,AV,R=P
<b>PGC 30649</b>		<b>Galaxy E/S0</b>
Feb 04 2005 31"	17mmT4	PF,MS,OVAL,PATCH,FNUC,PAIR=3238,R=F
<b>PGC 30693</b>		<b>Galaxy S</b>
Feb 04 2005 31"	17mmT4	DIF,EF,VS,PATCH,UB,NND,AV,R=P
<b>PGC 31141</b>		<b>Galaxy Im pec:</b>
Apr 07 2008 31"	17mmT4	MF,VS,R,SMALL BNUC,MB,HISB MIDDLE,R=F
<b>PGC 31192</b>		<b>Galaxy Sbc</b>
Feb 04 2005 31"	17mmT4	PF,MS,EDGE ON,UB,NND,R=F

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<b>PGC 31697</b>		<b>Galaxy S?</b>
Feb 23 2006 31"	17mmT4	MB,ML,ELONG,LARGE BNUC,MOD HISB,B* BETWEEN THE 2,PAIR=PGC31720/MAC,R=G
<b>PGC 31720</b>		<b>Galaxy S?</b>
Feb 23 2006 31"	17mmT4	MB,ML,ELONG,LARGE BNUC,MOD HISB,F* OFF TIP,B* BETWEEN THE TWO,PAIR=PGC31697,R=G
<b>PGC 31959</b>		<b>Galaxy SBb</b>
Feb 23 2006 31"	17mmT4	MB,MS,ELONG,SMALL BNUC,MOD HISB MIDDLE,SMBM,R=G
<b>PGC 31965</b>		<b>Galaxy S0/a</b>
Feb 23 2006 31"	17mmT4	PB,MS,ELONG,LARGE BNUC,SMBM,HISB MIDDLE,R=G
<b>PGC 32218</b>		<b>Galaxy I</b>
Feb 05 2005 31"	17mmT4	VF,VS,OVAL,PATCH,UB,NND,PAIRS=3364/MAC'S,R=P
<b>PGC 32405</b>		<b>Galaxy Im:</b>
Feb 05 2005 31"	17mmT4	VDIF,EF,PL,OVAL,NND,AV,R=P
<b>PGC 32587</b>		<b>Galaxy</b>
Feb 05 2005 31"	17mmT4	PF,MS,OVAL,SMALL FNUC,B* IN FOV,PAIRS=3398/OTHERS,R=F
<b>PGC 32740</b>		<b>Galaxy Im</b>
Apr 07 2008 31"	17mmT4	EEF,VS,JUST OFF TIP OF 3448,AT ZENITH,LOC GOOD, NO AV HOLD,SUSP,R=P
<b>PGC 32784</b>		<b>Galaxy Sm</b>
Feb 05 2005 31"	17mmT4	EF,MS,PATCH,SUSP,PAIR=3445,R=P
<b>PGC 32890</b>		<b>Galaxy L</b>
Apr 07 2008 31"	17mmT4	EF,ES,SUSP,ON TOP OF OTHERS,HICKSON 49,PAIRS=PGC'S,R=P
<b>PGC 32893</b>		<b>Galaxy S</b>
Apr 07 2008 31"	17mmT4	EF,ES,SUSP,ON TOP OF OTHERS,HICKSON 49,PAIRS=PGC'S,R=P
<b>PGC 32895</b>		<b>Galaxy S</b>
Apr 07 2008 31"	17mmT4	VF,VS,F BLOB DET WITH AV,COMP=PGC32899,JUST BARELY SEPERATE,PAIRS=PGC'S,R=P
<b>PGC 32899</b>		<b>Galaxy S?</b>
Apr 07 2008 31"	17mmT4	VF,VS,PATCH,UB,NND,AV,CAN JUST BARELY SPLIT THE TWO,COMP=32893,PAIRS=PGC'S,R=P
<b>PGC 33043</b>		<b>Galaxy</b>
Feb 05 2005 31"	17mmT4	PF,PS,PATCH,UB,NND,PAIR=3470,R=P
<b>PGC 33071</b>		<b>Galaxy S</b>
Feb 04 2005 31"	17mmT4	VF,MS,ELONG,PATCH,UB,NND,PAIR=3471,R=P
<b>PGC 33205</b>		<b>Galaxy Sbc</b>
Apr 03 2005 31"	17mmT4	PF,MS,ELONG,PACH,NND,PAIR=MAC,R=F

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<b>PGC 33423</b>		<b>Galaxy Ring</b>
Apr 07 2008 31"	17mmT4	PF,PS,ELONG,EDGE ON,BRIGHTER ALONG AXIS,BM,PAIR=MAC,R=F
<b>PGC 33448</b>		<b>Galaxy C</b>
Apr 07 2008 31"	17mmT4	PF,VS,R,SMALL FNUC,R=P
<b>PGC 33526</b>		<b>Galaxy S</b>
Apr 03 2005 31"	17mmT4	EF,ES,AV,SUSP,COMP=3517,R=P
<b>PGC 33571</b>		<b>Galaxy S</b>
Apr 04 2005 31"	17mmT4	MF,MS,ELONG,LARGE FNUC,SOMEWHAT HISB,R=F
<b>PGC 33625</b>		<b>Galaxy SBdm</b>
Apr 04 2005 31"	17mmT4	VDIF,VF,PL,ELONG,PATCH,UB,NND,R=P
<b>PGC 33887</b>		<b>Galaxy S</b>
Mar 16 2009 31"	17mmT4	VF,PS,PATCH,UB,AGC,R=P
<b>PGC 33924</b>		<b>Galaxy C</b>
Mar 16 2009 31"	17mmT4	MF,MS,R,SMALL BNUC,AGC,R=F
Apr 09 2008 31"	17mmT4	MF,MS,OVAL.SMALL FNUC,PAIRS=AGC1185,R=F
<b>PGC 33944</b>		<b>Galaxy</b>
Mar 16 2009 31"	17mmT4	EF,VS,PATCH,AV ONE TIME,SUSP,AGC,R=P
<b>PGC 33994</b>		<b>Galaxy</b>
Mar 20 2009 31"	12mmT4	EF,ES,SUSP ONLY,AGC,R=P
<b>PGC 34000</b>		<b>Galaxy S</b>
Mar 16 2009 31"	17mmT4	MF,MS,ELONG,LF NUC,SLIGHTLY BM,AGC,R=F
Apr 07 2008 31"	17mmT4	PF,MS,OVAL,UB,NND,AGC,MANY OTHERS PRESENT,R=F
<b>PGC 34017</b>		<b>Galaxy</b>
Mar 16 2009 31"	17mmT4	MF,MS,R,LF NUC,MANY OTHER PRESENT,AGC,R=F
Apr 07 2008 31"	17mmT4	PF,MS,OVAL,UB,NND,AGC,MANY OTHERS PRESENT,R=F
<b>PGC 34036</b>		<b>Galaxy S</b>
Mar 16 2009 31"	17mmT4	PF,PS,OVAL,SMALL FNUC,AGC,R=F
<b>PGC 34068</b>		<b>Galaxy S</b>
Mar 16 2009 31"	17mmT4	MF,MS,EDGE ON,UB,NND,CENTRAL BULGE,TAPPED ENDS,R=F
<b>PGC 34303</b>		<b>Galaxy S0</b>
Feb 23 2006 31"	17mmT4	MB,PS,SMALL BNUC,MBM,HISB MIDDLE,R=G
<b>PGC 34356</b>		<b>Galaxy SBR</b>
Apr 03 2005 31"	17mmT4	VF,PS,OVAL,PATCH,UB,NND,PAIR=3594,R=F

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<b>PGC 34375</b>		<b>Galaxy E3:</b>
Mar 17 2009 31"	17mmT4	MF,PS,OVAL,SMALL BNUC,AGC,R=F
<b>PGC 34376</b>		<b>Galaxy E3:</b>
Mar 17 2009 31"	17mmT4	MB,MS,R,SMALL BNUC,BM,AGC,R=F
<b>PGC 34380</b>		<b>Galaxy S?</b>
Mar 17 2009 31"	17mmT4	PF,PS,OVAL,SMALL FNUC,AGC,R=F
<b>PGC 34384</b>		<b>Galaxy</b>
Mar 17 2009 31"	17mmT4	PF,PS,OVAL,SMALL FNUC,AGC,R=F
<b>PGC 34385</b>		<b>Galaxy S?</b>
Mar 17 2009 31"	17mmT4	PF,MS,OVAL,LARGE FNUC,AGC,R=F
<b>PGC 34386</b>		<b>Galaxy</b>
Mar 17 2009 31"	17mmT4	VF,VS,AV FIRST THEN HOLDS,AGC,R=P
<b>PGC 34388</b>		<b>Galaxy</b>
Mar 17 2009 31"	17mmT4	EF,ES,PATCH,AV A FEW TIMES,AGC,R=P
<b>PGC 34393</b>		<b>Galaxy SB(s)b</b>
Mar 17 2009 31"	17mmT4	MF,MS,OVAL,UB,NND,AGC,R=F
<b>PGC 34394</b>		<b>Galaxy</b>
Mar 17 2009 31"	17mmT4	PF,PS,SMALL FNUC,AGC,R=F
<b>PGC 34395</b>		<b>Galaxy S</b>
Mar 17 2009 31"	17mmT4	VF,VS,PATCH,UB,NND,COMP=PGC34396,CAN JUST BARELY SPLIT THE TWO,AGC,R=P
<b>PGC 34396</b>		<b>Galaxy S</b>
Mar 17 2009 31"	17mmT4	PF,PS,OVAL,SMALL FNUC,COMP=PGC34395CAN JUST BARELY SPLIT THE TWO,AGC,R=F
<b>PGC 34397</b>		<b>Galaxy</b>
Mar 17 2009 31"	17mmT4	VF,VS,PATCH,*NUC,AGC,R=P
<b>PGC 34398</b>		<b>Galaxy</b>
Mar 17 2009 31"	17mmT4	VF,PS,*NUC,AGC,R=F
<b>PGC 34702</b>		<b>Galaxy Sab</b>
Mar 20 2009 31"	17mmT4	MF,PS,PATCH,LARGE BNUC,AGC,R=F
<b>PGC 34704</b>		<b>Galaxy Dwarf Spiral</b>
Apr 03 2005 31"	17mmT4	VDIF,EF,ML,PATCH,AV,PAIRS=3625/MAC,R=P
<b>PGC 34733</b>		<b>Galaxy Sd</b>
Feb 23 2006 31"	17mmT4	PF,MS,EDGE ON,PAIR=PGC34768/MAC,R=G

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<b>PGC 34768</b>		<b>Galaxy SB(s)ab</b>
Feb 23 2006 31"	17mmT4	MB,PS,R,SMALL BNUC,SOMEWHAT HISB MIDDLE,PAIRS=PGC34733/MAC,R=G
<b>PGC 34803</b>		<b>Galaxy</b>
Apr 16 2009 31"	17mmT4	MF,PS,R,SMALL FNUC,AGC 1288,R=F
<b>PGC 34812</b>		<b>Galaxy S0/a</b>
Mar 20 2009 31"	17mmT4	PF,PS,OVAL,LARGE FNUC,AGC,R=F
<b>PGC 34869</b>		<b>Galaxy Sd</b>
Jan 29 2014 36"	17mmT4	PF,MS,EDGE ON,PA~135,NND,VERY THIN SLIVER,TAPPERED ENDS,SHARP,R-F
<b>PGC 34895</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	PF,PS,PATCH,UB,NND,R=P
<b>PGC 34933</b>		<b>Galaxy SBa</b>
Apr 16 2009 31"	17mmT4	MF,MS,R,LARGE BNUC,SMBM,MOD HISB MIDDLE, AGC 1228,R=F
<b>PGC 34944</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	VF,MS,PATCH,UB,R=P
<b>PGC 34962</b>		<b>Galaxy S</b>
Apr 03 2005 31"	17mmT4	EF,MS,PATCH,NND,PAIRS=PGC/MAC/3656,R=P
<b>PGC 34975</b>		<b>Galaxy Sb-c</b>
Apr 03 2005 31"	17mmT4	VF,MS,EDGE ON,UB,NND,R=F
<b>PGC 34985</b>		<b>Galaxy</b>
Apr 03 2005 31"	17mmT4	VF,VS,UB,NND,CLOSE COMP=3656,MAKES 3656 LOOK ELONG,R=P
<b>PGC 35055</b>		<b>Galaxy S</b>
Apr 03 2005 31"	17mmT4	DIF,VF,MS,PATCH,UB,NND,R=P
<b>PGC 35104</b>		<b>Galaxy SBb</b>
Apr 03 2005 31"	17mmT4	VF,MS,OVAL,PATCH,UB,NND,R=P
<b>PGC 35129</b>		<b>Galaxy S0 pec</b>
Apr 07 2008 31"	17mmT4	VF,VS,OVAL,VERY SMALL FNUC,PAIR=MAC,R=P
<b>PGC 35325</b>		<b>Galaxy</b>
Apr 07 2008 31"	17mmT4	EF,VS,OVAL,UB,NND,AV FINALLY HOLDS,VERY CLOSE TO 3690.R=P
<b>PGC 35345</b>		<b>Galaxy B</b>
Apr 07 2008 31"	17mmT4	EF,PS,PATCH,UB,AVCOMES AND GOES,LOC GOOD,PAIRS=3690/IC694,R=P
Apr 03 2005 31"	17mmT4	VF,PS,OVAL,PATCH,UB,NND,PAIRS=MAC,IC,3690,R=P
<b>PGC 35609</b>		<b>Galaxy SB0 pec:</b>



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<b>PGC 35609</b>		<b>Galaxy SB0 pec:</b>
Feb 23 2006 31"	17mmT4	PF,MS,ELONG,VERY SMALL FNUC,STELLAR NUC SUSP,EXCELLENT HICKSON GROUP,R=F
<b>PGC 35615</b>		<b>Galaxy SA(s)0/a pec:</b>
Feb 23 2006 31"	17mmT4	MF,PS,OVAL,STELL NUC,EXCELLENT HICKSON GROUP,R=F
<b>PGC 35618</b>		<b>Galaxy (R')S0/a pec:</b>
Feb 23 2006 31"	17mmT4	MF,PS,OVAL,SMALL FNUC,EXCELLENT HICKSON GROUP,R=F
<b>PGC 35620</b>		<b>Galaxy Sa pec sp</b>
Feb 23 2006 31"	17mmT4	MB,PS,ELONG,SMALL BNUC,EXCELLENT HICKSON GROUP,R=F
<b>PGC 35626</b>		<b>Galaxy SA(rs)c</b>
Apr 04 2005 31"	17mmT4	PF,ML,OVAL,NND,PAIR=3725,R=F
<b>PGC 35631</b>		<b>Galaxy S?</b>
Feb 23 2006 31"	17mmT4	PF,MS,ELONG TO EDGE ON,SMALL VERY FNUC,EXCELLENT HICKSON GROUP,R=F
<b>PGC 35675</b>		<b>Galaxy Sd</b>
Apr 07 2008 31"	17mmT4	PF,PL,EDGE ON,UB,NND,CENTRAL BULGE,CIGAR SHAPE,R=F
<b>PGC 35702</b>		<b>Galaxy S</b>
Apr 19 2014 36"	17mmT4	MF,PS,PATCH,NND,CLOSE TO F*,AGC1314,R=F
<b>PGC 35762</b>		<b>Galaxy S</b>
Apr 19 2014 36"	17mmT4	EF,VS,PATCH,AV FIRST THEN HOLDS,AGC1314,R=P
<b>PGC 35774</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	PF,VS,PATCH,NND,PAIR=IC711,AGC1314,R=P
<b>PGC 35799</b>		<b>Galaxy Sc</b>
Apr 07 2008 31"	17mmT4	MF,PL,OVAL,PATCH,UB,NND,SOMEWHAT HISB,R-F
<b>PGC 35811</b>		<b>Galaxy E/S0</b>
Apr 04 2005 31"	17mmT4	VF,PS,PATCH,NND,PAIRS=3737/MAC'S,R=F
<b>PGC 35831</b>		<b>Galaxy S</b>
Apr 19 2014 36"	17mmT4	MB,MS,OVAL,UB,NND,SOMEWHAT HISB,AGC1314,R=FG
<b>PGC 35845</b>		<b>Galaxy S</b>
Apr 19 2014 36"	17mmT4	PF,MS,EDGE ON,NND,THIN SLIVER,SOME BULDGING,AGC1314,R=PF
<b>PGC 35846</b>		<b>Galaxy E</b>
Apr 19 2014 36"	17mmT4	MF,MS,ELONG.UB,PAIR=PGC35849,AGC1314,R=F
<b>PGC 35849</b>		<b>Galaxy</b>
Apr 19 2014 36"	17mmT4	MF,MS,ELONG,UB,PAIR=PGC35846,AGC1314,R=F

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<b>PGC 35872</b>		<b>Galaxy S</b>
Apr 04 2005 31"	17mmT4	PF,MS,OVAL,UB,NND,CLOSE PAIR=MAC,R=F
<b>PGC 36037</b>		<b>Galaxy E?</b>
Apr 07 2008 31"	17mmT4	MF,MS,R,SMALL BNUC,MOD HISB MIDDLE,R=F
<b>PGC 36137</b>		<b>Galaxy SA(s)d:</b>
Apr 07 2008 31"	17mmT4	DIF,VF,PL,OVAL,PATCH,NND,PATCHY,SEVERAL VF*'S AROUND GALAXY CENTER,R=F
<b>PGC 36305</b>		<b>Galaxy S</b>
Apr 07 2008 31"	17mmT4	VF,MS,OVAL,PATCH,UB,NND,VF* OFF CENTRAL REGION,R=P
<b>PGC 36343</b>		<b>Galaxy Scd:</b>
Jan 29 2014 36"	17mmT4	EF,MS,EDGE ON,PA~90,UB,THIN SLIVER,LOC IN BARRON FOV,R=P
<b>PGC 36463</b>		<b>Galaxy SB?</b>
Feb 23 2006 31"	17mmT4	MB,ML,R,SMALL BNUC,MBM,MOD HISB MIDDLE,PAIR=3846A,R=G
<b>PGC 36585</b>		<b>Galaxy S</b>
Dec 07 2005 31"	17mmT4	PF,PS,OVAL,VERY SMALL BNUC,R=F
<b>PGC 36785</b>		<b>Galaxy</b>
Feb 23 2006 31"	17mmT4	VF,PS,ELONG,LARGE FNUC,PAIRS=3888/3889/MAC,R=P
<b>PGC 36973</b>		<b>Galaxy Scd:</b>
Jan 29 2014 36"	17mmT4	VF,MS,EDGE ON,PA~150,UB,NND,PAIR=3917,R=P
<b>PGC 37013</b>		<b>Galaxy S</b>
Feb 23 2006 31"	17mmT4	MF,PS,ELONG,UB,NND,PAIRS=3921/3916,R=F
<b>PGC 37090</b>		<b>Galaxy L</b>
Apr 07 2008 31"	17mmT4	PF,PS,ELONG,VERY SMALL FNUC,R=F
<b>PGC 37164</b>		<b>Galaxy SB(rs)m</b>
Mar 04 2006 31"	17mmT4	DIF,VF,PL,OVAL,PATCH,NND,PATCHY BRT AREA DET,SEVERAL VF*'S IN GAL,R=P
<b>PGC 37168</b>		<b>Galaxy</b>
Mar 04 2006 31"	17mmT4	MF,MS,OVAL,SMALL FNUC,PAIR=MAC,R=F
<b>PGC 37282</b>		<b>Galaxy S?</b>
Apr 09 2008 31"	17mmT4	MF,MS,EDGO ON,NND,SHISB,ONE SIDE THICKER,VF* OFF TIP,R=F
<b>PGC 37416</b>		<b>Galaxy S</b>
Mar 17 2010 31"	17mmT4	EF,PS,ELONG,PATCH,UB,EXTREME AV,HOLDS FOR A BIT,COMES AND GOES,R=P
<b>PGC 37526</b>		<b>Galaxy C</b>
Mar 04 2006 31"	17mmT4	PF,MS,OVAL,LARGE FNUC,* NUC,PAIRS=3978/3975/PGC,R=F

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<b>PGC 37534</b>		<b>Galaxy S</b>
Mar 04 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=3975/3978/PGC,R=P
<b>PGC 37589</b>		<b>Galaxy Scd:</b>
Apr 09 2008 31"	17mmT4	VDIF,VF,MS,PATCH,UB,NND,PAIRS=PGC'S,MAC'S,R=P
Apr 09 2008 31"	17mmT4	VDIF,VF,MS,OVAL,PATCH,UB,NND/PAIRS=PGC/MAC'S,R=P
<b>PGC 37639</b>		<b>Galaxy S?</b>
Apr 09 2008 31"	17mmT4	PF,MS,PATCH,UB,NND,PAIRS=PGC/MAC'S,COMP=MAC,R=F
Apr 09 2008 31"	17mmT4	VF,MS,PATCH,UB,NND,INTERACT=MAC,CAN JUST BARELY SEPERATE,R=F
<b>PGC 38053</b>		<b>Galaxy S</b>
Apr 09 2008 31"	17mmT4	VDIF,EF,VS,PATCH,AV FINALLY HOLDS,PAIRS=PGC'S,R=P
<b>PGC 38064</b>		<b>Galaxy S</b>
Apr 09 2008 31"	17mmT4	EF,VS,PATCH,VERY CLOSE COMP,CANNOT SEPERATE THE 3,R=P
<b>PGC 38065</b>		<b>Galaxy S0?</b>
Apr 09 2008 31"	17mmT4	VF,PS,VERY SMALL FNUC,LOOKS LIKE PATCH BALL,VERY CLOSE COMP,CANNOT SEPERATE,R=P
<b>PGC 38072</b>		<b>Galaxy S</b>
Apr 09 2008 31"	17mmT4	EF,VS,PATCH,VERY CLOSE COMP,CANNOT SEPERATE THE 3,R=P
<b>PGC 38076</b>		<b>Galaxy E</b>
Apr 09 2008 31"	17mmT4	EF,ES,PATCH,PAIRS=AGC1452,R=P
<b>PGC 38092</b>		<b>Galaxy E</b>
Apr 09 2008 31"	17mmT4	VF,VS,PATCH,VERY SMALL FNUC,PAIRS=AGC1452,R=P
<b>PGC 38105</b>		<b>Galaxy S</b>
Apr 09 2008 31"	17mmT4	EF,VS,PATCH,PAIRS=AGC1452,R=P
<b>PGC 38106</b>		<b>Galaxy E</b>
Apr 09 2008 31"	17mmT4	EF,ES,PATCH,UB,NND,AV HOLDS,PAIRS=AGC1452,R=P
<b>PGC 38307</b>		<b>Galaxy Sb</b>
Apr 09 2008 31"	17mmT4	EF,VS,PATCH,AV ONLY ONCE,PAIRS=PGC'S,R=P
<b>PGC 38325</b>		<b>Galaxy SA(r)0- pec</b>
Apr 09 2008 31"	17mmT4	PF,MS,ELONG,SMALL FNUC,CLOSE COMP=PGC38327,SLIGHTLY BM,R=F
<b>PGC 38327</b>		<b>Galaxy SAB0- pec:</b>
Apr 09 2008 31"	17mmT4	PF,MS,ELONG,SMALL FNUC,CLOSE COMP=PGC38325,SLIGHTLY BM,R=F
<b>PGC 38375</b>		<b>Galaxy Sdm:</b>
Feb 25 2004 31"	17mmT4	VDIF,VF,PL,ELONG,PATCH,UB,NND,R=P

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<b>PGC 38812</b>		<b>Galaxy S</b>
Apr 23 2003 12.5"	9mmT6	DIF,EF,ES,PATCH,UB,NND,AV,R=P
<b>PGC 41841</b>		<b>Galaxy SBR</b>
Mar 26 2006 31"	17mmT4	VF,PS,OVAL,PATCH,UB,NND,OTHER PAIRS,R=F
<b>PGC 41897</b>		<b>Galaxy</b>
Mar 26 2006 31"	17mmT4	VF,PS,OVAL,VSFNUC,VERY CLOSE COMP=4547,OTHER PAIRS,R=F
<b>PGC 42725</b>		<b>Galaxy S?</b>
Mar 26 2006 31"	17mmT4	PF,PS,ELONG,UB,NND,CLOSE COMP=4644,R=F
<b>PGC 42841</b>		<b>Galaxy S? pec</b>
Mar 26 2006 31"	17mmT4	PF,PS,ELONG,LBNUC,L NUC AREA,SOMEWHAT HISB MIDDLE,CLOSE COMP=PGC42844,R=F
<b>PGC 42844</b>		<b>Galaxy Double System</b>
Mar 26 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,CLOSE COMP=PGC42841,R=F
<b>PGC 43028</b>		<b>Galaxy S</b>
Mar 26 2006 31"	17mmT4	PF,PS,ELONG,PATCH,UB,PAIR=4675,R=P
<b>PGC 44961</b>		<b>Galaxy Sd</b>
May 31 2014 36"	17mmT4	MF,PL,EDGE ON,UB,NND,PA~20,F* OFF NUC,TAPPERED ENDS,R=F
<b>PGC 45228</b>		<b>Galaxy SB</b>
Apr 14 2004 31"	17mmT4	MF,PS,OVAL,SMALL FNUC,PAIRS=4973 GROUP,R=F
<b>PGC 45255</b>		<b>Galaxy S?</b>
Apr 14 2004 31"	17mmT4	VF,VS,VERY SMALL FNUC,STELLAR,PAIRS=4973 GROUP,R=P
<b>PGC 45277</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	EF,VS,PATCH,UB,PAIRS=4973 GROUP,R=P
<b>PGC 45334</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	VF,MS,OVAL,PATCH,UB,NND,PARIS=4973 GROUP,R=P
<b>PGC 45337</b>		<b>Galaxy Scd:</b>
Apr 14 2004 31"	17mmT4	VF,ES,PATCH,PAIR=MAC,R=P
<b>PGC 45476</b>		<b>Galaxy SB?</b>
Apr 14 2004 31"	17mmT4	MF,ML,OVAL,PATCH,UB,NND,SHISB,R=G
<b>PGC 45501</b>		<b>Galaxy S</b>
Apr 14 2004 31"	17mmT4	PF,PS,OVAL,SMALL FNUC,R=F
<b>PGC 45572</b>		<b>Galaxy S0/a</b>
Apr 14 2004 31"	17mmT4	MF,MS,R,LARGE BNUC,GRADUALLY BM,SHISB MIDDLE,PAIR=PGC45583,R=G

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<b>PGC 45583</b>		<b>Galaxy (R')SBb:</b>
Apr 14 2004 31"	17mmT4	MF,MS,R,LARGE BNUC,GBM,SHISB MIDDLE,PAIR=PGC45572,R=F
<b>PGC 45617</b>		<b>Galaxy</b>
Apr 14 2004 31"	17mmT4	VF,VS,ELONG,PATCH,NND,PAIR=5007,R=P
<b>PGC 46114</b>		<b>Galaxy S</b>
Apr 09 2008 31"	17mmT4	VF,VS,PATCH,UB,NND,CLOSE COMP=PGC46133,R=P
<b>PGC 46133</b>		<b>Galaxy S?</b>
Apr 09 2008 31"	17mmT4	VF,PS,OVAL,CLOSE COMP=PGC46114,VERY SMALL FNUC,R=P
<b>PGC 46620</b>		<b>Galaxy S</b>
Apr 14 2004 31"	17mmT4	EDIF,EF,PL,PATCH,AV,R=P
<b>PGC 47328</b>		<b>Galaxy S R</b>
Apr 03 2005 31"	17mmT4	DIF,VF,MS,PATCH,UB,BRT * IN FOV,R=P
<b>PGC 47470</b>		<b>Galaxy E</b>
Apr 03 2005 31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,R=F
<b>PGC 47501</b>		<b>Galaxy S</b>
Apr 03 2005 31"	17mmT4	EF,VS,PATCH,* IN GAL CENTER,JUST A HINT OF GAL DET,R=P
<b>PGC 47512</b>		<b>Galaxy Sab</b>
Apr 03 2005 31"	17mmT4	MF,MS,EDGE ON,UB,NND,R=F
<b>PGC 47854</b>		<b>Galaxy S?</b>
Apr 06 2008 31"	17mmT4	MF,MS,ELONG,UB,NND,CIGAR SHAPE,SOMEWHAT HISB,R=F
<b>PGC 47926</b>		<b>Galaxy S</b>
Apr 03 2005 31"	17mmT4	VF,MS,PATCH,UB,NND,R=P
<b>PGC 48198</b>		<b>Galaxy S</b>
Apr 06 2008 31"	17mmT4	DIF,VF,VS,PATCH,UB,NND,HICKSON 66,R=P
<b>PGC 48220</b>		<b>Galaxy E</b>
Apr 06 2008 31"	17mmT4	EF,ES,APPEAR AS A SMUG ALONG WITH PGC48222,AV,SUSP,HICKSON 66,R=P
<b>PGC 48222</b>		<b>Galaxy S</b>
Apr 06 2008 31"	17mmT4	EF,ES,AV FIRST THEN HOLDS,COMP=PGC48226,HICKSON 66,R=P
<b>PGC 48226</b>		<b>Galaxy S0?</b>
Apr 06 2008 31"	17mmT4	PF,VS,R,VERY SNUC,COMP=PGC48231/PGC48226,HICKSON 66,R=P
<b>PGC 48231</b>		<b>Galaxy S</b>
Apr 06 2008 31"	17mmT4	PF,VS,R,VERY SNUC,COMP=PGC48226,HICKSON 66,R=P

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<b>PGC 48439</b>		<b>Galaxy S</b>
Apr 03 2005 31"	17mmT4	PF,PS,PATCH,UB,NND,PAIRS=5278,5279,PGC,R=P
<b>PGC 48450</b>		<b>Galaxy S?</b>
Apr 03 2005 31"	17mmT4	MF,VS,ALMOST STELLAR,VERY BNUC OR BRT * IN CENTER,SN?,PAIRS=5278,5279,PGC,R=F
<b>PGC 48570</b>		<b>Galaxy C</b>
Apr 03 2005 31"	17mmT4	VF,VS,*NUC OR * IN GAL,PAIRS=MAC'S,R=P
<b>PGC 49448</b>		<b>Galaxy IB(s)m sp</b>
May 16 2004 31"	17mmT4	VDIF,EF,VL,PATCH,LARGE AREA OF EXTREME DIFUSENESS,R=P
<b>PGC 49512</b>		<b>Galaxy Sm</b>
May 16 2004 31"	17mmT4	VDIF,EF,MS,PATCH,NND,AV,PAIRS=5389/5379/5376,R=P
<b>PGC 50413</b>		<b>Galaxy S</b>
Mar 26 2006 31"	17mmT4	PF,PS,PATCH,UB,NND,R=F
<b>PGC 50436</b>		<b>Galaxy Sb</b>
Mar 26 2006 31"	17mmT4	MF,PS,OVAL,PATCH,UB,NND,SHISB,* IN GAL EDGE,R=F
<b>PGC 50480</b>		<b>Galaxy S</b>
Mar 26 2006 31"	17mmT4	VDIF,EF,VS,PATCH,AV,R=P
<b>WINN 4</b>	<b>M40</b>	<b>Unknown STAR</b>
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004
Mar 02 1984 10"	20mm	MB,MS,2"S APPROX SAME MAG,LOC IN BARREN * FIELD
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981