

Bootes - The Herdsman

IC 905		Galaxy C
May 14 2010 31"	17mmT4	PF,PS,OVA,FLNUC,R=F
IC 906		Galaxy S
May 14 2010 31"	17mmT4	PF,PS,OVAL,UB,NND,R=F
IC 910		Galaxy S?
May 14 2010 31"	17mmT4	MF,PS,OVAL,FLNUC,CLOSE PAIR=MAC,CAN SEP,PAIRS=IC'S,R=F
IC 911		Galaxy Double System
May 14 2010 31"	17mmT4	PF,PS,OVAL,FSNUC,PAIRS=IC'S,R=F
IC 912		Galaxy S
May 14 2010 31"	17mmT4	MF,PS,OVAL,FSNUC,PAIRS=IC'S,R=F
IC 913		Galaxy SBb
May 14 2010 31"	17mmT4	DIF,MF,MS,OVAL,UB,NND,PAIRS=IC'S,R=F
IC 914		Galaxy S
May 14 2010 31"	17mmT4	DIF,MF,MS,OVAL,UB,NND,PAIRS=IC'S,R=F
IC 916		Galaxy C
May 14 2010 31"	17mmT4	PF,PS,OVAL-R,FSNUC,GBM,R=F
IC 982		Galaxy SA0+
Mar 26 2006 31"	17mmT4	MB,ML,OVAL,BLNUC,BM,MHISB CNTR,OTHER PAIRS/IC983,R=G
IC 983		Galaxy SB(r)bc
Mar 26 2006 31"	17mmT4	MB,PL,EL-OVAL,BLNUC,EL NUC,FARMS SUSP,BM,MHISB CNTR,OTHER PAIRS,R=G
IC 987		Galaxy S
May 14 2010 31"	17mmT4	PF,PS,EL-EDGE ON,UB,R=F
IC 1027		Galaxy S
Apr 14 2004 31"	17mmT4	MF,PS,OVAL,FSNUC,PAIR=MAC,R=F
IC 1029		Galaxy SAb: sp
Mar 09 2021 36"	17mmT4	PB,VL,EL-EDGE ON,BSNUC,SHISB,VMBM,MHISB CNTR,BEST IC OBJECT TO DATE,R=G
IC 1056		Galaxy Sb
Apr 14 2004 31"	17mmT4	PF,ML,PATCH,UB,NND,R=F
IC 1069		Galaxy S0
Apr 14 2004 31"	17mmT4	MF,PS,OVAL,FLNUC,R=F
IC 1074		Galaxy S
Apr 14 2004 31"	17mmT4	DIF,MF,MS,EL,PATCH,UB,NND,R=F

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IC	1111		Galaxy Sb
	Apr 23 2003	12.5" 9mmT6	VDIF,VF,MS,PATCH,UB,R=P
IC	4307		Galaxy S0?
	May 14 2010	31" 17mmT4	MF,PS,R,BSNUC,GBM,R=F
IC	4313		Galaxy C
	May 14 2010	31" 17mmT4	EF,ES,PATCH,AV ONLY ONCE,SUSP,PAIRS=OTHERS,R=P
IC	4314		Galaxy S?
	May 14 2010	31" 17mmT4	PF,PS,LNUC,BM,SHISB CNTR,PAIRS=OTHERS,R=F
IC	4322		Galaxy SA(r)0-:
	May 14 2010	31" 17mmT4	PF,PS,OVA,FSNUC,R=F
IC	4343		Galaxy E/S0
	Apr 09 2008	31" 17mmT4	PB,MS,OVAL-R=F
IC	4344		Galaxy SB
	Apr 09 2008	31" 17mmT4	MB,ML,OVAL,FLNUC,BM,PAIR=IC4345,R=G
IC	4345		Galaxy E?
	Apr 09 2008	31" 17mmT4	MB,ML,R,BLNUC,MHISB CNTR,PAIR=IC4344,R=G
IC	4346		Galaxy S
	Apr 09 2008	31" 17mmT4	VF,PS,OVAL,UB,NND,PAIRS=IC4349/MAC,R=P
IC	4349		Galaxy S
	Apr 09 2008	31" 17mmT4	VF,PS,OVAL,UB,NND,PAIRS=IC4346/MAC,R=P
IC	4381		Galaxy Scd:
	May 14 2010	31" 17mmT4	MF,MS,OVAL,FLNUC,MHISB,PAIRS=PGC'S/IC4382,R=F
	Apr 09 2008	31" 17mmT4	PF,PS,OVAL,PATCH,UB,NND,PAIRS=IC4382/PGC'S,R=F
IC	4382		Galaxy S?
	May 14 2010	31" 17mmT4	PF,PS,EL,BSNUC,PAIRS=PGC'S/IC4381,R=F
	Apr 09 2008	31" 17mmT4	PF,PS,OVAL,PATCH,UB,NND,PAIRS=IC4381/PGC'S,R=F
IC	4383		Galaxy Sc-Irr
	May 14 2010	31" 17mmT4	EF,VS,EL,NND,TOOK AV A WHILE TO LOCATE,COMES AND GOES,HELD BRIEFLY,PAIRS=5504//PGC,R=P
IC	4384		Galaxy S0/a
	May 14 2010	31" 17mmT4	MF,MS,OVAL,BLNUC,GBM,R=F
IC	4461		Galaxy Double System
	Mar 29 2006	31" 17mmT4	PF,PS,EL,VFSNUC,PAIRS=IC4462/PGC52120,R=F

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IC 4462		Galaxy L
Mar 29 2006 31"	17mmT4	VF,VS,EL,VFSNUC,PAIRS=IC4461/PGC52120,R=P
IC 4483		Galaxy Sb
Mar 17 2018 36"	17mmT4	DIF,MF,MS,EL,UB,NND,R=F
IC 4526		Galaxy S
Mar 29 2006 31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,PAIRS=5829/PGC53720,R=F
IC 4542		Galaxy S0/a
May 14 2010 31"	17mmT4	MF,PS,OVAL,BSNUC,R=F
IC 4542B		Galaxy S
May 14 2010 31"	17mmT4	EF,VS,EL-EDGE ON,NND,AV FIRST THEN HOLDS,R=P
IC 4563		Galaxy S
Mar 21 2020 36"	17mmT4	MB,MS,OVAL,BSNUC,SHISB,PAIRS=5966/MAC,NICE FOV WITH **S,R=FG
MAC 1337+1603		Galaxy
May 14 2010 31"	17mmT4	VF,VS,PATCH,NND,PAIR=5249,R=P
MAC 1338+2645		Galaxy
May 14 2010 31"	17mmT4	PF,VS,FSNUC,PAIRS=OTHERS,R=F
MAC 1341+2313		Galaxy
May 14 2010 31"	17mmT4	EF,ES,PATCH,AV ONLY ONCE,SUSP,PAIRS=IC'S/MAC,R=P
MAC 1341+2315		Galaxy
May 14 2010 31"	17mmT4	EF,VS,PATCH,AV FIRST,TAKES A WHILE,PAIRS=IC'S/MAC,R=P
MAC 1341+2316		Galaxy
May 14 2010 31"	17mmT4	VF,VS,PATCH,NND,CLOSE COMP=IC910,CAN SEP,PAIRS=IC'S,R=P
MAC 1341+2706		Galaxy
May 14 2010 31"	17mmT4	VF,VS,PATCH,UB,R=P
MAC 1342+2418		Galaxy
May 14 2010 31"	17mmT4	EF,VS,PATCH,TOOK AV A WHILE THEN HOLDS,R=P
MAC 1355+2504		Galaxy
Apr 09 2008 31"	17mmT4	EF,ES,LOC GOOD,TOO CLOSE TO PGC49502,CANNOT DET,SUSP,R=P
MAC 1355+2506B		Galaxy
Apr 09 2008 31"	17mmT4	EF,VS,PATCH,TOOK A WHILE TO DETECT,AV,R=P
MAC 1355+2509		Galaxy
Apr 09 2008 31"	17mmT4	VF,PS,OVAL,UBN,NND,PAIRS=IC4346/IC4349,R=P

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MAC 1402+0918		Galaxy
Mar 16 2010 31"	17mmT4	EF,ES,PATCH,SUSP,AV ONLY ONCE,V NICE GLXYAXY GRP,R=P
MAC 1403+0931		Galaxy
Mar 16 2010 31"	17mmT4	VF,VS,PATCH,NND,TOOK AV A WHILE THEN HOLDS,PAIRS=NGC'S,R=P
MAC 1403+0933		Galaxy
Mar 16 2010 31"	17mmT4	VF,VS,PATCH,NND,AV FIRST,PAIRS=NGC'S,R=P
MAC 1406+0921		Galaxy
May 05 2021 36"	17mmT4	PF,VS,EL-EDGE ON,UB,NND,OFF EDGE OF N5463,R=P
MAC 1409+1731		Galaxy
Mar 26 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=5490/OTHERS,R=P
MAC 1409+4902A		Galaxy
Mar 26 2006 31"	17mmT4	EF,VS,PATCH,UB,NND,PAIR=PGC50509/MAC,R=P
MAC 1409+4903		Galaxy
Mar 26 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIR=PGC50509/MAC,R=P
MAC 1411+1910		Galaxy
May 14 2010 31"	17mmT4	VF,VS,UB,TOUCH=PGC50645,CAN JUST BARELY SEP,R=P
MAC 1411+2545		Galaxy
Apr 09 2008 31"	17mmT4	EF,VS,PATCH,AV,PAIR=5498,R=P
MAC 1412+3917		Galaxy
May 12 2021 36"	17mmT4	EF,ES,PATCH,NND,AV HOLDS,PAIRS=N5515/MAC,R=P
MAC 1412+3918		Galaxy
May 12 2021 36"	17mmT4	EF,ES,NND,AV HOLDS,PAIRS=N5515/MAC,R=P
MAC 1415+3624A		Galaxy
Mar 26 2006 31"	17mmT4	EF,VS,PATCH,NND,AV,PAIRS=PGC50944/MAC,R=P
MAC 1415+3624B		Galaxy
Mar 26 2006 31"	17mmT4	VF,VS,PATCH,NND,PAIR=PGC50944/MAC,R=P
MAC 1416+1047B		Galaxy
May 05 2021 36"	17mmT4	VF,ES,ALM *,CLOSE COMP=N5532,R=P
MAC 1418+2455		Galaxy
May 12 2021 36"	17mmT4	VF,VS,OVAL,NND,PAIRS=PGC51121/PGC51144,R=P
MAC 1424+3624		Galaxy
May 12 2021 36"	17mmT4	VF,PS,OVAL,BLNUC,ONE OF THE BETTER MAC'S,PAIRS=N5616/PGC51411,R=F

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MAC 1427+3311		Galaxy
May 12 2021 36"	17mmT4	PF,VS,OVAL,F* OFF EDGE,R=PF
MAC 1429+5349		Galaxy
Apr 14 2004 31"	17mmT4	VF,VS,OVAL,VFSNUC,PAIR=IC1027,R=F
MAC 1437+3030		Galaxy
Mar 26 2006 31"	17mmT4	VF,VS,PATCH,NND,NOT THE COMP TO PGC52283,R=P
MAC 1446+1135		Galaxy
Mar 16 2010 31"	17mmT4	EF,ES,*NUC,ALM *,VF* V CLOSE BY,PAIRS=PGC'S,R=P
MAC 1447+1849		Galaxy
Mar 17 2010 31"	17mmT4	VF,VS,PATCH,PAIRS=PGC52803/MAC,R=P
Mar 29 2006 31"	17mmT4	VF,VS,OVAL,PATCH,UB,NND,VF* OFF EDGE,PAIRS=PGC52803/MAC,R=P
MAC 1447+1851		Galaxy
Mar 17 2010 31"	17mmT4	PF,VS,OVAL,UB,NND,PAIRS=PGC52803/MAC,R=F
Mar 29 2006 31"	17mmT4	PF,VS,OVAL,VFSNUC,* CLOSE BY,COMP=PGC52803,PAIR=MAC,R=F
MAC 1455+2430		Galaxy
Mar 29 2006 31"	17mmT4	EF,VS,PATCH,NND,PAIRS=PGC'S,R=P
MAC 1456+2436		Galaxy
Mar 29 2006 31"	17mmT4	PF,VS,PATCH,UB,NND,PAIR=MAC,R=F
MAC 1456+2438		Galaxy
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIR=MAC,R=P
MAC 1456+2442		Galaxy
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,CLOSE COMP=MAC,R=P
MAC 1456+2442A		Galaxy
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,CLOSE COMP=MAC,R=P
MAC 1456+2444		Galaxy
Mar 29 2006 31"	17mmT4	PF,PS,OVAL,VFSNUC,R=F
MAC 1457+2441		Galaxy
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=PGC'S,R=F
MAC 1518+4152		Galaxy
May 14 2010 31"	17mmT4	EF,ES,ON TOP OF 5914B,CANNOT DETECT,SUSP,R=P
MAC 1535+3948		Galaxy
Mar 21 2020 36"	17mmT4	EF,VS,PATCH,CLOSE TO B*, COMES AND GOES,PAIRS=5966/IC4563,R=P

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NGC 5239 May 14 2010 31"	17mmT4	H101-3 PF,MS,OVAL,NND,PATCHY,PATCHY AREAS,ARMS DET,R=F	Galaxy SB(rs)bc	VF,PL,R,ER
NGC 5248 May 06 1981 12.5"	24mm	H34-1 VB,VL,BNUC,DIM HALO	Galaxy SAB(rs)bc	B,L,E150,PSBMRN
NGC 5249 May 14 2010 31"	17mmT4	H72-3 MF,PS,OVAL,BSNUC,PAIR=MAC,R=F	Galaxy S0?	VF,S,R,BM
NGC 5251 Feb 21 2020 36" May 14 2010 31"	17mmT4 17mmT4	H369-3 MF,MS,EL,PATCH,UB,NND,R=F,TIME 3:40AM MF,PS,OVAL-R,FSNUC,SHISB CNTR,R=F	Galaxy S?	VF,S,VLE
NGC 5293 Mar 07 2021 36"	17mmT4	H6-5 PF,ML,OVAL,UB,NND,VF* OFF SIDE CLOSE,R=F	Galaxy SA(r)c	EF,VL,RESOLVABLE
NGC 5416 May 05 2021 36"	17mmT4	H56-3 MF,ML,OVAL-R,UB,NND,PATCHY,SHISB,R=FG	Galaxy Scd:	EF,VS,E,R
NGC 5417 May 05 2021 36"	17mmT4	H11-3 MB,MS,EL,BSNUC,GMBM,MHISB CNTR,R=FG	Galaxy Sa	CF,S,R,PSBM,*P
NGC 5423 Mar 16 2010 31"	17mmT4	Galaxy S0-: MB,MS,OVAL,BLNUC,V NICE GLXYAXY GRP,R=G		VF,R,*IN CENTRE
NGC 5424 Mar 16 2010 31"	17mmT4	Galaxy S0 MF,MS,OVAL,BLNUC,MHISB CNTR,V NICE GLXYAXY GRP,R=G		VF,R,*IN CENTRE
NGC 5431 Mar 16 2010 31"	17mmT4	Galaxy S? MB,MS,EL,UB,NND,IRR IN SHAPE,V NICE GLXYAXY GRP,R=F		VF
NGC 5434 Mar 16 2010 31"	17mmT4	Galaxy SAc MF,ML,OVAL,PATCHY,NND,CLOSE COMP=PGC50087,R=F		VF,L
NGC 5436 Mar 16 2010 31"	17mmT4	Galaxy S0/a MF,PS,OVAL,FLNUC,BM,SHISB CNTR,PAIRS=NGC'S,R=F		3VF,LINE,2'-3'DIST
NGC 5437 Mar 16 2010 31"	17mmT4	Galaxy Sb MF,PS,OVAL,FLNUC,BM,SHISB CNTR,PAIRS=NGC'S,R=F		3VF,N ONE BRIGHTEST
NGC 5438 Mar 16 2010 31"	17mmT4	H57-3 MF,PS,OVAL,FLNUC,BM,SHISB CNTR,PAIRS=NGC'S,R=F	Galaxy E/S0	3VF,NF*8.6
NGC 5463 May 05 2021 36"	17mmT4	H58-3 MB,MS,EL,BLNUC,HISB CNTR,CIGAR SHAPE,MAC OFF EDGE,R=FG	Galaxy S?	EF,S,LE
NGC 5466		H9-6	Globular XII	CL,L,VRI,VMC,ST11...

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NGC 5466		H9-6	Globular XII	CL,L,VRI,VMC,ST11...
Apr 11 2015 36"	17mmT4	(Class XI),MB,ML,B'S LOOSLY SC,F SOF BG SUR NUC AREA,R=G		
May 06 1981 12.5"	16mm	VB,EL		
Jul 14 1980 12.5"	24mm			
NGC 5469			Galaxy	VF,PS,R
May 05 2021 36"	17mmT4	EF,ES,UB,NND,AV COMES AND GOES,R=P		
NGC 5481		H693-2	Galaxy E+	F,VS,SMBM,STELL,SF-2
Mar 06 2003 12.5"	9mmT6	DIF,MB,ML,R,PATCH,*NUC,PAIR/5480,R=F		
NGC 5482		H59-3	Galaxy S0	EF,S
May 05 2021 36"	17mmT4	PB,MS,OVAL,BLNUC,SHISB,GMBM,HISB CNTR,R=FG		
NGC 5490		H32-3	Galaxy E	CF,CS,R,SBMF**
Mar 26 2006 31"	17mmT4	PB,ML,OVAL,BLNUC,HISB CNTR,GMBM,PAIRS=IC982/IC983/OTHERS,R=G		
NGC 5490C			Galaxy SB(s)bc	
Mar 26 2006 31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,PAIRS=IC983/IC982/OTHERS,R=F		
NGC 5492		H876-2	Galaxy Sb pec?	PB,VS,E
May 12 2021 36"	17mmT4	MB,ML,EL,BLNUC,TAPERED ENDS,MHISB CNTR,R=G		
NGC 5498			Galaxy S0-:	F,S,R,LBM,(R)
May 14 2010 31"	17mmT4	MF,MS,OVAL,BLNUC,GBM,R=F		
Apr 09 2008 31"	17mmT4	MF,PS,OVAL-R,BLNUC,SHISB CNTR,PAIR=MAC,R=F		
NGC 5500		H674-3	Galaxy E	CF,CS,IR
May 12 2021 36"	17mmT4	MB,ML,OVAL,LSNUC,MHISB CNTR,R=FG		
NGC 5504			Galaxy SAB(s)bc	VF,VLE,VLBM
May 14 2010 31"	17mmT4	MF,MS,OVAL,*NUC OR F* IN CNTR OF GLXY,PAIRS=PGC/IC4383,R=F		
NGC 5509			Galaxy E/S0	VF,S,R,STELLAR NUCL
May 12 2021 36"	17mmT4	MF,MS,OVAL,FLNUC,MUCH BTR IN CNTR,R=F		
NGC 5513		H877-2	Galaxy S0	PB,PL,IR
May 12 2021 36"	17mmT4	PB,PL,R,BLNUC,HISB CNTR,FACE ON,PAIR=PGC50761,R=G		
NGC 5515		H685-3	Galaxy Sab	VF,S,VLE
May 12 2021 36"	17mmT4	PB,MS,OVAL,BLNUC,MHISB,HOT NUC,HISB CNTR,VF* OFF NUC,PAIRS=MAC'S,R=G		
NGC 5519		H12-3	Galaxy Sa	VF,PL,*10P
May 05 2021 36"	17mmT4	MB,PS,OVAL,UB,NND,SHISB,F* ON EDGE,R=F		
NGC 5520		H676-3	Galaxy Sb	F,S,LE,STELLAR
Jun 01 2003 12.5"	9mmT6	DIF,PF,PL,OVAL,PATCH,FNUC,SHISB,SNUC AREA,SBM,R=F		

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NGC 5520		H676-3	Galaxy Sb	F,S,LE,STELLAR
Mar 06 2003 12.5"	9mmT6	MB,MS,EL,BNUC,BSNUC,SLT	HISB,R=F	
NGC 5522		H644-3	Galaxy Sb	VF,VS,E
May 12 2021 36"	17mmT4	PB,PL,EL-OVAL,BLNUC,MHISB,L	HISB CNTR RGN,TAPERED ENDS,2VF*S OFF ONE END,R=G	
NGC 5523		H134-3	Galaxy SA(s)cd:	F,PL,PME90,*10NP
May 06 1981 12.5"	24mm	DIF,VF,ML,EDGE ON,F	HALO	
NGC 5524			Galaxy Spiral	VF
Mar 26 2006 31"	17mmT4	MB,MS,R,FSNUC,SHISB,SBM,R=F		
NGC 5527			Galaxy SB	EEF
Mar 26 2006 31"	17mmT4	EDIF,EF,MS,PATCH,NND,LOC	GOOD,AV,SUSP,R=P	
NGC 5529		H414-3	Galaxy Sc: sp	CF,PL,VME110,VGVMBM
Mar 26 2006 31"	17mmT4	PB,VL,EDGE ON,UB,NND,L	CNTR REG,SLT BULE IN CNTR,PAIR=P50952,R=E	
NGC 5531			Galaxy S0	F,S,R,5532F10S
May 05 2021 36"	17mmT4	MB,MS,OVAL,FLNUC,SHISB,PAIR=N5532,R=F		
NGC 5532		H47-3	Galaxy S0	VF,VS,R,GBM,R
May 05 2021 36"	17mmT4	VB,ML,OVAL,BLNUC,MHISB,HISB	CNTR,CLOSE COMP=MAC JUST OFF EDGE,PAIR=N5531,R=G	
NGC 5533		H418-2	Galaxy SA(rs)ab	PB,R,VSMBM,20R3*INV
May 06 1981 12.5"	24mm	DIF,VF,PL,F	HALO	
NGC 5536		H731-3	Galaxy SBa	CF,VS,R,SP OF 2
May 12 2021 36"	17mmT4	PB,ML,EL,SVBNUC,HISB,HOST	CORE,SUD MBM,R SNUC,PAIR=N5541,E PAIR,R=G	
NGC 5541		H732-3	Galaxy S?	CF,S,R,GBM,NF OF 2
May 12 2021 36"	17mmT4	VB,PL,OVAL,NND,HISB,PAIRS=N5536/PGC50984,E	PAIR,R=G	
NGC 5542			Galaxy Sb	VF,VS
May 05 2021 36"	17mmT4	PF,MS,EL,UB,NND,PAIRS=NGC'S,R=F		
NGC 5543			Galaxy	EF,VS
May 05 2021 36"	17mmT4	PF,MS,OVAL,FLNUC,PAIRS=NGC'S,R=F		
NGC 5544		H419-2	Galaxy (R)SB(rs)0/a	F,PS,E80,DW/45 ORBIN
Mar 29 2006 31"	17mmT4	MF,MS,OVAL,FLNUC,VF* IN	GLXY,INTRACT=5545,R=G	
NGC 5545			Galaxy SA(s)bc:	E,LBM,DW/44 OR BIN
Mar 29 2006 31"	17mmT4	MF,MS,EDGE ON,UB,NND,SHISB,INTRACT=5544,R=G		
NGC 5546		H551-3	Galaxy E	PB,CS,GBM
May 05 2021 36"	17mmT4	PB,ML,OAL,BLNUC,SHISB,PAIRS=NGC'S,R=FG		

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NGC 5548		H194-2	Galaxy (R')SA(s)0/a	CF,PS,R,VSVMBM*
May 06 1981 12.5"	24mm		MF,ES,DNUC,ONLY CNTR PART OF GLXY SEEN	
NGC 5557		H99-1	Galaxy E1	CB,S,R,VSBM*
Mar 29 2006 31"	17mmT4		VB,PL,R,BLNUC,HISB,GMBM,VF* IN GLXY OUTSIDE NUC,SN? 15 MAG,R=E	
May 06 1981 12.5"	24mm		MB,ML,BNUC WITH DIM HALO	
NGC 5559		H347-3	Galaxy SBb	VF,S,VLE,BM
May 12 2021 36"	17mmT4		MB,PL,EL-EDGE ON,UB,NND,MHISB,VF* OFF SIDE,R=G	
NGC 5579		H415-3	Galaxy Sc	VF,CL,P OF 2
Mar 29 2006 31"	17mmT4		DIF,PF,VL,R,UB,NND,R=F	
NGC 5582		H754-2	Galaxy E	PB,PS,R,BMFn,*SP
Mar 29 2006 31"	17mmT4		PB,PL,R,BLNUC,HISB CNTR,GMBM,R=G	
NGC 5587		H110-3	Galaxy S0/a	F,CS,VLE,*8SF
Feb 22 2020 36"	17mmT4		MB,ML,EL-OVAL,PATCH,FLNUC,MHISB,R=FG	
NGC 5589		H416-3	Galaxy SBa	VF,S,R,NP OF 2
Mar 26 2006 31"	17mmT4		MB,ML,R,BSNUC,F HALO,SHISB CNTR,BM,PAIR=5590/PGC51285,R=F	
NGC 5590		H417-3	Galaxy S0	CF,S,R,BM*,SF OF 2
Mar 26 2006 31"	17mmT4		PB,ML,R,BLNUC,F HALO,SBM,HISB CNTR,MHISB,PAIR=5589/PGC51285,R=G	
NGC 5594		H135-3	Galaxy S	EF,VS,STELLAR
Feb 22 2020 36"	17mmT4		MF,MS,OVAL,FLNUC,R=P	
NGC 5596		H418-3	Galaxy S0	EF,S,R,STELLAR
Feb 22 2020 36"	17mmT4		MB,MS,OVAL,FLNUC,R=FG	
NGC 5598		H733-3	Galaxy S0	F,VS,R,BM
Feb 22 2020 36"	17mmT4		PB,ML,OVAL,BLNUC,MHISB,OTHERS IN FOV,R=G	
NGC 5600		H177-2	Galaxy Sc pec	PB,PS,GBM
May 06 1981 12.5"	24mm		DIF,MB,PS,NND,BHALO	
NGC 5601			Galaxy Sb	VF,BET5598\$5603
Feb 22 2020 36"	17mmT4		MB,MS,EL-OVAL,FSNUC,OTHERS IN FOV,R=F	
NGC 5602		H694-2	Galaxy Sa	PF,PS,LE,MBM
Jun 01 2003 12.5"	9mmT6		MF,MS,OVAL,FNUC,SHISB,SNUC,R=F	
NGC 5603		H734-3	Galaxy S0	CF,PS,R,GBM
Feb 22 2020 36"	17mmT4		PB,ML,OVAL,BLNUC,MHISB,OTHER IN FOV,R=G	
NGC 5608		H673-2	Galaxy Im:	F,PL,LE,VGLBM

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NGC 5608		H673-2	Galaxy Im:	F,PL,LE,VGLBM
Feb 22 2020 36"	17mmT4	VF,PL,PATCH,UB,NND,R=PF		
NGC 5609			Galaxy	EEF
May 13 2021 36"	17mmT4	EF,EV,PATCH,NND,AV HOLDS,PAIRS=N5614/N5615/N5613,R=P		
Mar 29 2006 31"	17mmT4	VF,VS,R,PATCH,UB,NND,PAIRS=5613/5615/5614,~15,5 MAG,R=P		
NGC 5610		H136-3	Galaxy SB(s)ab	VF,S,PME0,*9F
May 12 2021 36"	17mmT4	PB,PL,EL-EDGE ON,NND,MHISB,TAPERED ENDS,R=G		
NGC 5613			Galaxy (R)SAB(r)0+	EF,PS,DIF,2'N OF5614
May 13 2021 36"	17mmT4	VF,VS,EL,UB,NND,PAIRS=N5614/N5615/N5609,R=PF		
Mar 29 2006 31"	17mmT4	MF,PS,OVAL,FSNUC,PAIRS=5609/5615/5614,R=F		
NGC 5614		H420-2	Galaxy SA(r)ab pec	PB,S,R,SMBM
May 13 2021 36"	17mmT4	VB,ML,R,BLNUC,HISB CNTR,GRAN HALO,INTRACT=N5615,CAN SEP,PAIRS=N5613/N5609,R=G		
Mar 29 2006 31"	17mmT4	PB,PL,R,BLNUC,HISB CNTR,COMP=5615/PAIRS=5613/5609,R=G		
May 06 1981 12.5"	24mm	MF,PS,DIM HALO		
NGC 5615			Galaxy	CLOSE N OF5614,(VF*)
May 13 2021 36"	17mmT4	EF,ES,EDGE ON,NND,INTRACT=N5614,CAN SEP,JUST BARELY TOUCH,PAIRS=N5613/N5609,R=P		
Mar 29 2006 31"	17mmT4	VF,VS,EL,PATCH,UB,NND,COMP=5614,APP AS BUMP ALONG SIDE 5614,PAIRS=5613/5809,F		
NGC 5616		H419-3	Galaxy Sbc	VF,S,CE,VGBM,ER
May 12 2021 36"	17mmT4	MF,PL,EL-EDGE ON,FLNUC,TAPERED ENDS,PAIR=MAC,R=FG		
NGC 5622		H677-3	Galaxy Sb	VF,PS,VLE,VGLBM
May 12 2021 36"	17mmT4	PB,PL,OVAL,NND,SHISB,PATCHY,R=G		
NGC 5623		H329-2	Galaxy E	CF,S,R,VSMBM,R
May 12 2021 36"	17mmT4	VB,PL,OVAL,BLNUC,VHISB,GRAN HALO,GMBM,R=G		
NGC 5624			Galaxy S?	EF,S,LE
Jun 01 2003 12.5"	9mmT6	VDIF,VF,VS,PATCH,UB,NND,R=P		
NGC 5625			Galaxy Sbc	VF,S,R,GBM
Mar 29 2006 31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,R=F		
NGC 5630		H674-2	Galaxy Sdm:	F,S,E90,GBM
May 12 2021 36"	17mmT4	PB,PL,EL-OVAL,NND,MHISB,R=G		
NGC 5633		H185-1	Galaxy (R)SA(rs)b	CB,PS,R,PGLBM
May 06 1981 12.5"	24mm	DIF,PF,VS,F HALO		
NGC 5635		H132-3	Galaxy S pec	F,S,E,SBM
May 12 2021 36"	17mmT4	VB,PL,EL-OVAL,BLNUC,GMBM,HISB CNTR,L CNTR BULE,PATCHY,BROKEN HALO-SHISB,R=GE		

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NGC 5637		H357-2	Galaxy S?	VF,S,R,VGBM
Mar 09 2021 36"	17mmT4	MB,MS,OVAL,UB,NND,MHISB,R=G		
NGC 5641			Galaxy (R')SAB(r)ab	PB,PS,LE,MBM,(R)
May 06 1981 12.5"	24mm	DIF,PF,VS,EL,F HALO		
NGC 5642		H126-3	Galaxy E	CF,S,*INV,*12NF
Mar 26 2006 31"	17mmT4	PB,MS,OVAL,BLNUC,HISB,* IN EDGE,PAIR=PGC51748,R=G		
NGC 5648			Galaxy Sbc	VF,S,NO NUCL,5649 NR
May 13 2021 36"	17mmT4	MF,ML,OVAL,NND,PAIR=N5655,NICE PAIR,R=FG		
Mar 09 2021 36"	17mmT4	MF,MS,OVAL,UB,NND,SHISB,PAIR=N5655,R=FG		
NGC 5653		H330-2	Galaxy (R')SA(rs)b	PF,PS,R,BM
May 06 1981 12.5"	24mm	MF,VS,DIM HALO		
NGC 5654		H420-3	Galaxy S?	F,S,(E),(**INV)
Mar 09 2021 36"	17mmT4	PB,MS,EL,UB,NND,MHISB,* IN GLXY CLOSE TO NUC,R=G		
NGC 5655		H645-3	Galaxy Scd?	EEF,SF OF 2
May 13 2021 36"	17mmT4	MB,ML,OVAL,NND,SHISB,PAIR=N5648,NICE PAIR,R=FG		
Mar 09 2021 36"	17mmT4	MF,MS,OVAL,UB,NND,SHISB,PAIR=N5648,R=FG		
NGC 5656		H421-2	Galaxy Sab	PF,PL,R,MBM,R
Mar 09 2021 36"	17mmT4	PB,ML,OVAL,BLNUC,* CLOSE BY,HISB CNTR,GRAN HALO,R=G		
NGC 5660		H695-2	Galaxy SAB(rs)c	PB,L,IR,VGBM
May 06 1981 12.5"	24mm	DIF,PB,PL,BHALO		
NGC 5665		H27-2	Galaxy SAB(rs)c pec?	PB,PL,R,GBM,R
May 06 1981 12.5"	24mm	DIF,MB,ML,BHALO		
NGC 5669		H79-2	Galaxy SAB(rs)cd	F,L,R,LBM,R
May 06 1981 12.5"	24mm	DIF,MB,ML,DIM HALO		
NGC 5672		H310-3	Galaxy Sb? sp	VF,VL,IR,LBM,**P
Mar 09 2021 36"	17mmT4	MB,MS,OVAL,UB,NND,SHISB,R=FG		
NGC 5673		H696-2	Galaxy SBc? sp	F,S,CE,*15NP
Mar 09 2021 36"	17mmT4	MB,PL,EDGE ON,UB,NND,SHISB,F* IN TIP,SLT CNTR BULGE,TAPERED ENDS,R=FG		
NGC 5675		H422-2	Galaxy S?	F,PS,E,BM
Mar 09 2021 36"	17mmT4	MB,PL,EL-EDGE ON,FLNUC,SHISB,R=G		
NGC 5676		H189-1	Galaxy SA(rs)bc	B,L,E45,PGBM,R
May 06 1981 12.5"	24mm	VB,VL,BNUC,BHALO		
Jul 14 1980 12.5"	24mm	GET B* OUT OF FOV TO SEE		

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NGC 5677		H283-3	Galaxy S?	VF,VS,R,R,3*9,10NP
Mar 09 2021 36"	17mmT4	MB,ML,OVAL,UB,NND,MHISB,R=G		
NGC 5684		H421-3	Galaxy S0	F,CS,R,BM,P OF 2
Mar 09 2021 36"	17mmT4	MB,MS,EL-OVAL,BLNUC,SHISB,MHISB CNTR,PAIR=N5686,R=FG		
NGC 5686			Galaxy Sa	VF,S,R,F OF 2
Mar 09 2021 36"	17mmT4	MF,PS,PATCH,UB,NND,SHISB,PAIR=N5684,R=F		
NGC 5687		H808-2	Galaxy S0-?	PF,S,IF,RESOLVA,*10F
Apr 14 2004 31"	17mmT4	MF,MS,EL,* BOTH TIPS,SOFT BLNUC,MHISB CNTR,PAIR=PGC52098,R=F		
May 06 1981 12.5"	24mm	MB,MS,BNUC,DIM HALO,*13 MAG EDGE OF GLXY		
NGC 5689		H188-1	Galaxy SB(s)0/a:	CB,PL,E87,PSMBM
May 06 1981 12.5"	24mm	PB,VS,BNUC		
NGC 5695		H423-2	Galaxy S?	PB,CS,R,BM,R
Mar 09 2021 36"	17mmT4	MB,PS,OVAL,BSNUC,SHISB,F* IN EDGE OF GLXY,SBM,MHISB CNTR,R=G		
NGC 5696		H648-2	Galaxy Sbc	CF,CS,R,LBM,R
Mar 09 2021 36"	17mmT4	MF,MS,OVAL,FNUC,SMWHT ,EL NUC RGN,BAR?,R=F		
NGC 5697		H675-2	Galaxy S?	F,VS,R,BM,4B*P
Mar 09 2021 36"	17mmT4	MF,MS,EL,UB,NND,SHISB,R=F		
NGC 5698		H700-2	Galaxy SBb	CF,CS,LE,INTRI OF ST
Mar 09 2021 36"	17mmT4	MF,PL,EL-OVAL,FLNUC,SHISB,R=FG		
NGC 5702		H894-3	Galaxy S0	VF,VS
Mar 09 2021 36"	17mmT4	MB,MS,OVAL,BSNUC,SHISB,MHISB CNTR,SBM,PAIR=N5706,R=FG		
NGC 5706		H127-3	Galaxy S	VF,VS,R,VLBM
Mar 09 2021 36"	17mmT4	MB,PS,OVAL,UB,NND,PAIR=N5709,R=F		
NGC 5707			Galaxy Sab: sp	B,PS,R
Apr 14 2004 31"	17mmT4	MB,PL,EL,BLNUC,COMP OFF TIP(PGC52269),SHISB CNTR,TAPERED ENDS,R=G		
NGC 5708		H649-2	Galaxy Sdm:	F,PL,E0,GBM
Mar 09 2021 36"	17mmT4	MB,PL,EL-OVAL,UB,NND,MHISB,CIGAR SHAPE,* IN GLXY EDGE,R=G		
NGC 5709		H128-3	Galaxy SBa	VF,S,IF,E PF
Mar 09 2021 36"	17mmT4	MF,ML,EL-OVAL,UB,NN,SHISB,CIGAR SHAPE,PAIR=N5706,R=FG		
NGC 5710		H895-3	Galaxy E	VF,S,VGBM,**F,P OF 2
Mar 07 2021 36"	17mmT4	MF,PS,OVAL-R,BSNUC,SHISB,PAIR=N5711,R=F		
NGC 5711			Galaxy S?	EF,VS,**ATT,F OF 2

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NGC 5711		Galaxy S?	EF,VS,**ATT,F OF 2
Mar 07 2021 36"	17mmT4	MF,MS,EL-EDGE ON,PATCH,UB,NND,PAIR=N5710,R=F	
NGC 5714		H675-3 Galaxy Scd:	VF,PS,E PF,D*N,1 OF6
Mar 16 2010 31"	17mmT4	MB,ML,EDGE ON,UB,NND,GRAD CNTR BULGE,SHISB,SHARP ENDS,PAIRS=NGC'S,R=G	
NGC 5717		Galaxy S	VF,S,R,D*NR,2ND OF 6
Mar 16 2010 31"	17mmT4	MB,MS,OVAL,BSNUC,BM,PAIRS=NGC'S,R=F	
NGC 5720		Galaxy Sb	EEF,PS,R,BET 2*
Apr 14 2004 31"	17mmT4	MF,PS,OVAL,FSNUC,SBM,R=F	
NGC 5721		Galaxy	VF,S,R
Mar 16 2010 31"	17mmT4	VF,EL,PATCH,UB,NND,CLOSE COMP=5722,PAIRS=NGC'S,R=P	
NGC 5722		Galaxy	VF,S,R,PSBM
Mar 16 2010 31"	17mmT4	MB,MS,OVAL,BSNUC,CLOSE COMP=5721,PAIRS=NGC'S,R=F	
NGC 5723		Galaxy E/S0	VF,S,R
Mar 16 2010 31"	17mmT4	PF,EL,VFSNUC,PAIRS=NGC'S,R=F	
NGC 5730		H657-3 Galaxy Im:	VF,CS,E90
Mar 07 2021 36"	17mmT4	MF,PL,EDGE ON,UB,NND,PAIR=N5731,NICE PAIR,R=FG	
NGC 5731		H658-3 Galaxy S?	VF,ES,LE
Mar 07 2021 36"	17mmT4	MF,ML,EL-EDGE ON,UB,NND,PAIR=N5730,NICE PAIR,R=FG	
NGC 5732		H686-3 Galaxy Sbc	VF,S,R,LBM
Mar 07 2021 36"	17mmT4	MF,MS,OVAL,UB,NND,SHISB,R=F	
NGC 5735		H133-3 Galaxy SB(rs)bc	VF,L,IR,LBM
Mar 07 2021 36"	17mmT4	MF,ML,OVAL-R,UB,NND,SHISB,PATCHY,R=FG	
NGC 5737		H896-3 Galaxy SBb	VF,CS,R,VGLBM
Mar 07 2021 36"	17mmT4	MF,MS,EL-OVAL,FSNUC,R=F	
NGC 5739		H171-1 Galaxy SAB(r)0+:	PB,S,R,SMBM,R,*NR
May 06 1981 12.5"	24mm	DIF,MF,MS,DNUC,F HALO	
NGC 5747		H48-3 Galaxy Sb	EF,S
Mar 07 2021 36"	17mmT4	MB,MS,OVAL,UB,NND,SHISB,R=FG	
NGC 5751		H809-2 Galaxy Scd:	F,S,VLE,TRI2*10,11
Apr 14 2004 31"	17mmT4	PF,ML,OVAL,UB,NND,EGG SHAPE,R=F	
NGC 5752		Galaxy Sb	F,1'P5754
Mar 29 2006 31"	17mmT4	VF,PS,EL,PATCH,UB,NND,PAIR=5754,R=F	

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NGC 5753		Galaxy	F,BM,NP5754
Mar 29 2006 31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,PAIR=5756,R=F	
NGC 5754		H687-3 Galaxy SB(rs)b	CF,CS,R,BM
Mar 29 2006 31"	17mmT4	MB,ML,R,BLNUC,MHISB CNTR,PAIR=5752,R=G	
NGC 5755		Galaxy SBd	F,2'NF5754
Mar 29 2006 31"	17mmT4	MF,MS,OVAL,FLNUC,PAIR=5753,R=G	
NGC 5760		H885-3 Galaxy Sa	VF,VS,CE90,VGLBM
Mar 07 2021 36"	17mmT4	MB,MS,OVAL,FLNUC,SHISB,R=FG	
NGC 5771		H129-3 Galaxy E?	VF,S,R,PGBM
Mar 21 2020 36"	17mmT4	MB,ML,OVAL,BLNUC,SHISB,PAIR=5773,R=G	
NGC 5773		H130-3 Galaxy S?	VF,S,R,PGBM
Mar 21 2020 36"	17mmT4	MB,ML,OVAL,BLNUC,SHISB,PAIR=5771,R=G	
NGC 5783		Galaxy SBc	PB,PS,IR,F*INV
Apr 14 2004 31"	17mmT4	MF,ML,OVAL,PATCH,UB,NND,* IN GLXY,PAIR=5788,R=F	
NGC 5784		H676-2 Galaxy S0	PB,S,R,SMBM,STELLAR
Mar 21 2020 36"	17mmT4	VB,PL,R,BLNUC,GRAN HALO,HISB,R=GE	
NGC 5787		H677-2 Galaxy S?	F,CS,R,PSLBM
Mar 21 2020 36"	17mmT4	MB,MS,EL-R,BNUC,HISB,R=G	
NGC 5788		Galaxy	EEF,S,R,VDIFFIC,SF-2
Apr 14 2004 31"	17mmT4	DIF,PF,MS,EL,PATCH,UB,NND,PAIR=5783,R=F	
NGC 5789		H976-3 Galaxy Sdm	EF,PS,IF
Mar 21 2020 36"	17mmT4	MF,MS,OVAL,UB,NND,R=FG	
NGC 5794		Galaxy S?	PF,S,VSBM*13,1ST OF4
Mar 21 2020 36"	17mmT4	MB,ML,R,BSNUC,MHISB,CLOSE TO 5797,R=G	
NGC 5797		H678-3 Galaxy S0/a	F,S,VSBM*13,2ND OF 4
Mar 21 2020 36"	17mmT4	PB,PL,EL-R,BNUC,HISB,GRAN HALO,B* IN FOV,CLOSE TO 5794,R=GE	
NGC 5798		H131-3 Galaxy Im:	F,S,R,VGBM,*NF
Mar 21 2020 36"	17mmT4	MB,PL,OVAL,NND,HISB,GRAN,SPR STR SUSP,2F*S IN GLXY,* OFF OUTER EDGE,R=GE	
NGC 5804		H679-3 Galaxy SB(s)b	VF,VS,VSMBM,*6NR
Mar 21 2020 36"	17mmT4	PB,ML,EL-EDGE ON,BLNUC,MHISB,PAIR=5805,R=G	
NGC 5805		Galaxy	S
Mar 21 2020 36"	17mmT4	PB,MS,OVAL,FSNUC,PAIR=5804,R=F	

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NGC 5820		H756-2	Galaxy S0 sp	B,E90,SBM,B D*F8'
Jun 21 2003	12.5"	9mmT6	PB,ML,OVAL,BNUC,MHISB,BLNUC AREA,B** IN FOV,R=G	
May 06 1981	12.5"	24mm	DIF,VF,VS,F HALO,JUST W OF A NICE DOUBLE *	
NGC 5821		H811-3	Galaxy S?	VF,S
Jun 21 2003	12.5"	9mmT6	VF,MS,PATCH,UB,NND,GET B* OUT OF FOV,PAIRS/5836/OGC53476,R=F	
NGC 5829			Galaxy SA(s)c	VF,VL,IRRR,BM
Mar 29 2006	31"	17mmT4	MF,ML,OVAL,PATCH,UB,NND,PAIRS=IC4526/PGC53720,R=F	
NGC 5851		H886-3	Galaxy S?	EF,VS,NP OF 2
Mar 21 2020	36"	17mmT4	MB,ML,EL,NND,PAIRS=5852/PGC53961,R=FG	
NGC 5852		H887-3	Galaxy S?	EF,VS,SF OF 2
Mar 21 2020	36"	17mmT4	MB,ML,OVAL,FLNUC,MHISB,PAIRS=5851/PGC53961,R=FG	
NGC 5857		H751-2	Galaxy SB(s)b	CF,CS,E,P OF DNEB
Mar 21 2020	36"	17mmT4	VB,PL,EL,BLNUC,MHISB,E CLOSE PAIR=5859,R=GE	
NGC 5859		H752-2	Galaxy SB(s)bc	PF,PS,E,F OF D NEB
Mar 21 2020	36"	17mmT4	PB,VL,EDGE ON,VFNUC,MHISB,E CLOSE PAIR=5857,R=GE	
NGC 5874			Galaxy SAB(rs)c	VF,PL,R,INTRI OF3B*
Apr 23 2003	12.5"	9mmT6	PF,VL,OVAL,PATCH,UB,NND,CNTR OF TRI OF **S,R=G	
NGC 5875		H755-2	Galaxy SAB:	PB,PL,LE
Apr 23 2003	12.5"	9mmT6	EL,PATCH,UB,NND,R=G	
NGC 5876			Galaxy SB(r)ab:	F,S,R,MBM
Apr 23 2003	12.5"	9mmT6	MB,ML,OVAL,BNUC,MHISB,R=G	
NGC 5886			Galaxy E/S0	F,VS,R,BM
Mar 21 2020	36"	17mmT4	PB,MS,R,BSNUC,F* OUTER EDGE,MBM,HISB CNTR,PAIRS=5889/5888,R=G	
NGC 5888		H659-3	Galaxy SB(s)bc	CF,VS,R,BM,R
Mar 21 2020	36"	17mmT4	MB,ML,PATCH,NND,SHISB,PAIRS=5889/5886,R=G	
NGC 5889			Galaxy SBb?	EEF,GLBM
Mar 21 2020	36"	17mmT4	VF,MS,PATCH,UB,NND,PAIRS=5888/5886,R=P	
NGC 5893		H678-2	Galaxy SB(r)b	F,S,R,R,3*NR
Mar 21 2020	36"	17mmT4	MB,PL,PATCH,UB,NND,SHISB,PAIRS=5895/5896,R=G	
NGC 5895			Galaxy Sc	VF,S,E NS,CONNW/5896
Mar 21 2020	36"	17mmT4	VF,VS,OVAL,NND,PAIRS=5893/5896,R=F	
NGC 5896			Galaxy	VF,VS,R,CONN W/5895

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NGC 5896		Galaxy	VF,VS,R,CONN W/5895
Mar 21 2020 36"	17mmT4	EF,VS,PATCH,NND,AV COMES AND GOES,PAIRS=5893/5895,R=P	
NGC 5899		H650-2 Galaxy SAB(rs)c	CB,PL,PME,SMBMN
May 14 2010 31"	17mmT4	PB,ML,EL,BSNUC,MHISB,GRAN ARMS,SBM,HISB CNTR,R=G	
May 06 1981 12.5"	24mm	MB,VL,DNUC,DIM HALO	
NGC 5900		H660-3 Galaxy Sb: sp	VF,S,VLE,GBM
May 14 2010 31"	17mmT4	MF,MS,EDGE ON,UB,NND,SLT CNTR BULGING,R=F	
NGC 5902		H737-3 Galaxy S	VF,VS,STELLAR
Apr 23 2003 12.5"	9mmT6	MF,MS,R,BNUC,MHISB,GMBM,R=F	
NGC 5914A		Galaxy Sb	F,VS,R,F ST INV
May 14 2010 31"	17mmT4	MF,PS,EL,BSNUC,PAIRS=5914B/MAC,R=F	
NGC 5914B		Galaxy S	
May 14 2010 31"	17mmT4	VF,MS,PATCH,NND,PAIRS=5914A,MAC ON TOP OF GLXY,CANNOT DET,R=P	
NGC 5918		Galaxy Scd:	CF,L,PME,GLBM,**S
May 14 2010 31"	17mmT4	MB,ML,EDGE ON,FLNUC,GRAD CNTR BULGING,MHISB,R=G	
NGC 5923		H661-3 Galaxy SAB(s)bc	VF,PL,VLE,VGBM
May 14 2010 31"	17mmT4	DIF,PF,ML,OVAL,PATCHY,NND,R=F	
NGC 5929		Galaxy Sab: pec	VF,VS,SP OF DNEB
May 14 2010 31"	17mmT4	MB,VS,BSNUC,SHISB,TOUCH=5930,NICE PAIR,R=F	
Mar 29 2006 31"	17mmT4	MBMML,R,BSNUC,CLOSE COMP=5930,BM,SBM,PAIR=PGC55095,R=G	
NGC 5930		H651-2 Galaxy Sa	PF,PS,R,NF OF DNEB
May 14 2010 31"	17mmT4	MB,ML,VFSNUC,GBM,MHISB,TOUCH=5929,NICE PAIR,R=G	
Mar 29 2006 31"	17mmT4	PB,PL,OVAL,BSNUC,CLOSE COMP=5929,BM,SBM,PAIR=PGC55095,R=G	
NGC 5966		H634-3 Galaxy E	VF,S,R,GBM,2ST8F
Mar 21 2020 36"	17mmT4	PB,ML,EL,BLNUC,MHISB,PAIR=IC4563/MAC,NICE FOV,R=G	
NGC 5992		H635-3 Galaxy S	VF,VS,R,BM,SP OF 2
Mar 21 2020 36"	17mmT4	MB,MS,EL,PATCH,FLNUC,MHISB,PAIR=5993,R=G	
NGC 5993		H636-3 Galaxy SB(r)b:	CF,VS,R,BM,NF OF 2
Mar 21 2020 36"	17mmT4	MB,ML,R,BSNUC,MHISB,SN?,F*IN NUC AREA,HISB CNTR,PAIR=5992,R=G	
PGC 48024		Galaxy S	
May 14 2010 31"	17mmT4	PF,PS,EL,UB,NND,R=P	
PGC 48077		Galaxy S	
May 14 2010 31"	17mmT4	PF,VS,EL-OVAL,PATCH,UB,NND,R=F	

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PGC 48203		Galaxy
May 14 2010 31"	17mmT4	EF,VS,PATCH,AV COMES AND GOES,PAIRS=OTHERS,R=P
PGC 48479		Galaxy S?
May 14 2010 31"	17mmT4	MF,MS,OVAL,UB,SHISB,R=F
PGC 48529		Galaxy S
May 14 2010 31"	17mmT4	VF,PS,UB,NND,R=P
PGC 48973		Galaxy
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,V CLOSE COMP=PGC48974,PAIR=MAC,R=P
PGC 48974		Galaxy S
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,V CLOSE COMP=PGC48973,PAIR=MAC,R=F
PGC 48980		Galaxy S
Mar 29 2006 31"	17mmT4	EF,VS,PATCH,AV,SUSP,PAIR=PGC48981,R=P
PGC 48981		Galaxy S
Mar 29 2006 31"	17mmT4	EF,VS,PATCH,AV,SUSP,PAIR=PGC48980,R=P
PGC 49499		Galaxy S
Apr 09 2008 31"	17mmT4	EF,ES,UB,CAN NOT DET ON TOP OF PGC49502,SUSP,R=P
PGC 49502		Galaxy S?
Apr 09 2008 31"	17mmT4	VF,PS,UB,V CLOSE COMP ARE NOT DET,PAIRS=PGC'S/MAC,R=P
PGC 49505		Galaxy S0?
Apr 09 2008 31"	17mmT4	VF,PS,UB,PAIRS=PGC'S/MAC,R=P
PGC 50019		Galaxy S
Mar 16 2010 31"	17mmT4	PF,PS,FLNUC,V NICE GLXYAXY GRP,R=F
PGC 50032		Galaxy S
Mar 16 2010 31"	17mmT4	VF,PS,UB,NND,V NICE GLXYAXY GRP,R=P
PGC 50087		Galaxy Sbc
Mar 16 2010 31"	17mmT4	MF,ML,EL-EDGE ON,UB,NND,CLOSE COMP=5434,R=F
PGC 50509		Galaxy S?
Mar 26 2006 31"	17mmT4	MB,MS,EDGE ON,PATCH,UB,SHISB,PAIR=MAC,R=G
PGC 50552		Galaxy
Mar 26 2006 31"	17mmT4	PF,PS,OVAL,VFSNUC,PAIRS=5490/OTHERS,R=F
PGC 50559		Galaxy
Mar 26 2006 31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,R=F

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PGC 50572		Galaxy S
Mar 26 2006 31"	17mmT4	VF,MS,OVAL,PATCH,UB,NND,PAIRS=IC983/IC982/OTHERS,R=F
PGC 50581		Galaxy Scd
Mar 26 2006 31"	17mmT4	MF,ML,EDGE ON,PATCH,UB,NND,R=F
PGC 50586		Galaxy SAdm
May 12 2021 36"	17mmT4	EF,ES,PATCH,LOC GOOD,COMES AND GOES,AV,R=P
PGC 50612		Galaxy
Mar 26 2006 31"	17mmT4	PF,VS,OVAL,VFSNUC,F* OFF EDGE,R=F
PGC 50640		Galaxy S?
May 14 2010 31"	17mmT4	VF,VS,PATCH,NND,PAIRS=IC4381-2/PGC,R=P
Apr 09 2008 31"	17mmT4	EF,VS,OVAL,PATCH,NND,AV COMES AND GOES FINALLY HOLDS,PAIRS=IC'S/PGC,R=P
PGC 50641		Galaxy E
May 14 2010 31"	17mmT4	EF,ES,ALM *,TOOK AV A WHILE TO LOCATE,COMES AND GOES,PAIRS=IC4381-2/PGC,R=P
Apr 09 2008 31"	17mmT4	EF,ES,AV COMES AND GOES,FINALLY HOLDS,ALM *,PAIRS=IC'S/PGC,R=P
PGC 50645		Galaxy
May 14 2010 31"	17mmT4	VF,VS,BSNUC,TOUCH=MAC,CAN JUST BARELY SEP,R=P
PGC 50664		Galaxy Sdm
Jun 01 2003 12.5"	9mmT6	VDIF,EF,VS,PATCH,AV HOLDS,R=P
PGC 50716		Galaxy S
May 14 2010 31"	17mmT4	PF,PS,EL,VFSNUC,PAIRS=IC4383/5504,R=P
PGC 50761		Galaxy S
May 12 2021 36"	17mmT4	MF,PS,EL,FSNUC,PAIR=NGC5513,R=F
PGC 50784		Galaxy Sb
May 14 2010 31"	17mmT4	PF,ML,OVAL,FSNUC,PATCHY,R=F
PGC 50902		Galaxy Sdm
Mar 26 2006 31"	17mmT4	EDIF,EF,MS,SUSP,R=P
PGC 50944		Galaxy Compact
Mar 26 2006 31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,PAIRS=MAC,SHISB,R=F
PGC 50952		Galaxy Spiral
Mar 26 2006 31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,PAIR=5529,R=F
PGC 50984		Galaxy
May 12 2021 36"	17mmT4	VF,VS,PATCH,NND,KEEP B* OUT OF FOV,PAIR=N55411,R=FP

Bootes - The Herdsman

PGC 51121		Galaxy S
May 12 2021 36"	17mmT4	DIF,PF,ML,EL,UB,NND,MAC JUST OFF ONE END,PAIRS=MAC/PGC51144,R=F
PGC 51144		Galaxy S
May 12 2021 36"	17mmT4	VF,VS,PATCH,NND,AV HOLDS,PAIRS=MAC/PGC51121,R=P
PGC 51181		Galaxy S
Mar 29 2006 31"	17mmT4	VDIF,EF,VS,PATCH,AV,SUSP,PAIR=PGC51214,R=P
PGC 51207		Galaxy Im
May 30 2014 36"	17mmT4	PF,ML,EDGE ON,UB,NND,PA~45,R=PF
PGC 51214		Galaxy SB?
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIR=PGC51181,R=P
PGC 51279		Galaxy S
Mar 29 2006 31"	17mmT4	VF,PS,OVAL,PATCH,UB,NND,R=P
PGC 51285		Galaxy S
Mar 26 2006 31"	17mmT4	VF,MS,EDGE ON,PATCH,UB,NND,AV FIRST THEN HOLDS,B* CLOSE,PAIRS=5590/5589,R=P
PGC 51296		Galaxy S
Mar 26 2006 31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,R=F
PGC 51372		Galaxy SAcD
Feb 22 2020 36"	17mmT4	VF,PS,PATCH,NND,OTHERS IN FOV,R=P
PGC 51411		Galaxy S
May 12 2021 36"	17mmT4	EF,VS,PATCH,NND,PAIR=MAC,R=P
PGC 51464		Galaxy S
May 13 2021 36"	17mmT4	PF,PS,OVAL,NND,PAIRS=PGC51470/PGC51477,Galaxy Trio #84,R=F
PGC 51470		Galaxy SBa
May 13 2021 36"	17mmT4	PF,PS,EL,FLNUC,* OFF NUC,PAIRS=PGC51464/PGC51477,Galaxy Trio #84,R=F
PGC 51477		Galaxy Sc
May 13 2021 36"	17mmT4	VF,PS,NND,PAIRS=PGC51464/PGC51470,Galaxy Trio #84,R=F
PGC 51496		Galaxy S
May 12 2021 36"	17mmT4	EF,VS,PATCH,UB,AV CONES AND GOES,HOLDS AT TIMES,R=P
PGC 51503		Galaxy Sd
May 30 2014 36"	17mmT4	MB,PL,EDGE ON,NND,PA~90,* OFF TO SIDE,SILVER,SLT CNTR BULGIND,R=FG
PGC 51587		Galaxy Sd:
May 30 2014 36"	17mmT4	VF,ML,EDGE ON,NND,PA~90,THIN SLIVER,R=P

Bootes - The Herdsman

PGC 51621		Galaxy SBc-IRR
Mar 26 2006 31"	17mmT4	DIF,VF,MS,OVAL,PATCH,UB,NND,R=P
PGC 51695		Galaxy Sa?
May 12 2021 36"	17mmT4	MB,ML,EL-EDGE ON,UB,MHISB,R=FG
PGC 51747		Galaxy S-Irr
Mar 26 2006 31"	17mmT4	VF,VS,EL,PATCH,UB,F* OFF EDGE,R=P
PGC 51748		Galaxy S R
Mar 26 2006 31"	17mmT4	PF,MS,OVAL,PATCH,NND,PAIR=5642,R=F
PGC 51819		Galaxy SB(rs)c
May 12 2021 36"	17mmT4	VF,MS,PATCH,UB,NND,R=PF
PGC 52098		Galaxy
Apr 14 2004 31"	17mmT4	PF,VS,PATCH,SETLLAR LIKE,PAIR=5687,R=P
PGC 52120		Galaxy S
Mar 29 2006 31"	17mmT4	VF,VS,OVAL,PATCH,UB,NND,PAIRS=IC4461/IC4462,R=P
PGC 52226		Galaxy Spiral
Apr 14 2004 31"	17mmT4	VDIF,VF,MS,OVAL,PATCH,UB,NND,R=P
PGC 52269		Galaxy S
Apr 14 2004 31"	17mmT4	PF,MS,CLOSE COMP=5707,OVAL,PATCH,UB,NND,R=P
PGC 52283		Galaxy S?
Mar 26 2006 31"	17mmT4	PF,MS,OVAL,FSNUC,2NUC AREAS DET OR * CLOSE TO NUC,V CLOSE COMP DET,R=F
PGC 52675		Galaxy C
Mar 29 2006 31"	17mmT4	PF,PS,R,UB,NND,SHISB,PAIR=PGC52698,R=F
PGC 52698		Galaxy Sb
Mar 29 2006 31"	17mmT4	PF,MS,EL-EDGE ON,PATCH,UB,NND,PAIR=PGC52675,R=F
PGC 52773		Galaxy SB
Mar 16 2010 31"	17mmT4	MF,MS,OVAL,FLNUC,PAIRS=PGC'S,R=F
PGC 52778		Galaxy S0
Mar 16 2010 31"	17mmT4	MF,PS,OVAL,BSNUC,BM,PAIRS=PGC'S,R=F
PGC 52781		Galaxy SBa:
Mar 16 2010 31"	17mmT4	MF,MS,OVAL,BSNUC,BM,PAIRS=PGC'S,R=F
PGC 52788		Galaxy S0/a
Mar 16 2010 31"	17mmT4	MF,PS,OVAL,BSNUC,BM,PAIRS=PGC'S,R=F

Bootes - The Herdsman

PGC 52794		Galaxy
Mar 16 2010 31"	17mmT4	PF,VS,EL,FSNUC,PAIRS=PGC'S,R=F
PGC 52803		Galaxy SB
Mar 17 2010 31"	17mmT4	PF,VS,OVAL,UB,NND,VF* JUST OFF EDGE,PAIRS=MAC'S,R=F
Mar 29 2006 31"	17mmT4	PF,VS,OVAL,VFSNUC,* CLOSE BY,COMP=MAC,PAIR=MAC,R=F
PGC 52844		Galaxy S0?
Apr 06 2008 31"	17mmT4	VF,VS,PATCH,SNUC,HICKSON 72,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,*NUC,PAIRS=PGC'S,WHERE IS HICKSON 72E?,R=P
PGC 52848		Galaxy S
Apr 06 2008 31"	17mmT4	VF,VS,PATCH,FSNUC,CLOSE COMP=PGC52851,HICKSON 72,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,VFSNUC,CLOSE COMP=PGC52851,PAIRS=PGC'S,R=P
PGC 52851		Galaxy L
Apr 06 2008 31"	17mmT4	VF,VS,PATCH,FSNUC,CLOSE COMP=PGC52848,HICKSON 72,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,VFSNUC,CLOSE COMP=PGC52848,PAIRS=PGC'S,R=P
PGC 52854		Galaxy S0?
Apr 06 2008 31"	17mmT4	F,VS,PATCH,NND,HICKSON 72,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,KEEP * OUT OF FOV,PAIRS=PGC'S,R=P
PGC 53053		Galaxy S0
Mar 29 2006 31"	17mmT4	MF,PS,EL,FLNUC,PAIRS=PGC'S,R=F
PGC 53054		Galaxy Sab
Mar 29 2006 31"	17mmT4	VF,VS,OVAL,FSNUC,PAIRS=PGC'S,R=P
PGC 53237		Galaxy SBb-c
Mar 21 2020 36"	17mmT4	VF,VS,PATCH,NND,R=PF
PGC 53371		Galaxy S
Mar 29 2006 31"	17mmT4	EF,ES,PATCH,CLOSE COMP=PGC53372,PAIR=MAC,SUSP,R=P
PGC 53372		Galaxy S
Mar 29 2006 31"	17mmT4	VF,PS,OVAL,PATCH,VFSNUC,CLOSE COMP=PGC53371,PAIR=MAC,VF* OFF EDGE,R=P
PGC 53376		Galaxy Sb
Mar 29 2006 31"	17mmT4	EF,PS,EDGE ON,UB,AV COMES AND GOES,NND,R=P
PGC 53432		Galaxy S
Mar 29 2006 31"	17mmT4	MF,MS,EDGE ON,PATCH,UB,NND,LOC LEFT OF *,VF* IN EDGE,INTRACT=PGC,R=F
PGC 53433		Galaxy Double System
Mar 29 2006 31"	17mmT4	MF,PS,PATCH,UB,NND,LOC RIGHT OF *,INTRACT=PGC,R=F

Bootes - The Herdsman

PGC 53476

Jun 21 2003 12.5" 9mmT6 VDIF,EF,ES,UB,AV,PAIRS/5821/5836,R=P

Galaxy SAd

PGC 53720

Mar 29 2006 31" 17mmT4 EF,PS,PATCH,AV COMES AND GOES,PAIRS=5829/IC4526,R=P

Galaxy S

PGC 53961

Mar 21 2020 36" 17mmT4 PF,MS,PATCH,NND,PAIRS=5851/5852,R=P

Galaxy S

PGC 54377

May 31 2014 36" 17mmT4 MF,MS,EDGE ON,UB,NND,PA~145,R=F

Galaxy Scd:

PGC 55095

May 14 2010 31" 17mmT4 EF,PS,EDGE ON,UB,NND,TOOK AV A WHILE THEN HOLDS,R=P

Galaxy IBm

Mar 29 2006 31" 17mmT4 EDIF,EF,VS,AV COMES AND GOES,PAIRS=5930/5929,R=P