

Bootes - The Herdsman

IC 905		Galaxy C
May 14 2010 31"	17mmT4	PF,PS,OVA,LARGE FNUC,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,LARGE FNUC,CLOSE PAIR=MAC,CAN SEPERATE,PAIRS=IC'S,R=F
IC 911		Galaxy Double System
May 14 2010 31"	17mmT4	PF,PS,OVAL,SMALL FNUC,PAIRS=IC'S,R=F
IC 912		Galaxy S
May 14 2010 31"	17mmT4	MF,PS,OVAL,SMALL FNUC,PAIRS=IC'S,R=F
IC 913		Galaxy SBb
May 14 2010 31"	17mmT4	DIFF,MF,MS,OVAL,UB,NND,PAIRS=IC'S,R=F
IC 914		Galaxy S
May 14 2010 31"	17mmT4	DIFF,MF,MS,OVAL,UB,NND,PAIRS=IC'S,R=F
IC 916		Galaxy C
May 14 2010 31"	17mmT4	PF,PS,OVAL,R,SMALL FNUC,GBM,R=F
IC 982		Galaxy SA0+
Mar 26 2006 31"	17mmT4	MB,ML,OVAL,LARGE BNUC,BM,MOD HISB MIDDLE,OTHER PAIRS/IC983,R=G
IC 983		Galaxy SB(r)bc
Mar 26 2006 31"	17mmT4	MB,PL,ELONG,OVAL,LBNUC,ELONG NUC,FARMS SUSP,BM,MOD HISB MIDDLE,OTHER PAIRS,R=G
IC 987		Galaxy S
May 14 2010 31"	17mmT4	PF,PS,ELONG,EDGE ON,UB,R=F
IC 1027		Galaxy S
Apr 14 2004 31"	17mmT4	MF,PS,OVAL,SMALL FNUC,PAIR=MAC,R=F
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,LARGE FNUC,R=F
IC 1074		Galaxy S
Apr 14 2004 31"	17mmT4	DIF,MF,MS,ELONG,PATCH,UB,NND,R=F
IC 1111		Galaxy Sb
Apr 23 2003 12.5"	9mmT6	VDIF,VF,MS,PATCH,UB,R=P

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IC	4307		Galaxy S0?
	May 14 2010 31"	17mmT4	MF,PS,R,SMALL BNUC,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,LARGE NUC,BM,SOMEWHAT HISB MIDDLE,PAIRS=OTHERS,R=F
IC	4322		Galaxy SA(r)0-:
	May 14 2010 31"	17mmT4	PF,PS,OVA,SMALL FNUC,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,LARGE FNUC,BM,PAIR=IC4345,R=G
IC	4345		Galaxy E?
	Apr 09 2008 31"	17mmT4	MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,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,LARGE FNUC,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,ELONG,SMALL BNUC,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,ELONG,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,LARGE BNUC,GBM,R=F
IC	4461		Galaxy Double System
	Mar 29 2006 31"	17mmT4	PF,PS,ELONG,VSFNUC,PAIRS=IC4462/PGC52120,R=F
IC	4462		Galaxy L
	Mar 29 2006 31"	17mmT4	VF,VS,ELONG,VSFNUC,PAIRS=IC4461/PGC52120,R=P

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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,SMALL BNUC,R=F
IC 4542B		Galaxy S
May 14 2010 31"	17mmT4	EF,VS,ELONG,EDGE ON,NND,AV FIRST THEN HOLDS,R=P
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,SMALL FNUC,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 SEPERATE,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
MAC 1402+0918		Galaxy
Mar 16 2010 31"	17mmT4	EF,ES,PATCH,SUSP,AV ONLY ONCE,VERY NICE GALAXY GROUP,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

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- 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,TOUCHING=PGC50645,CAN JUST BARELY SEPERATE,R=P
- MAC 1411+2545** **Galaxy**
 Apr 09 2008 31" 17mmT4 EF,VS,PATCH,AV,PAIR=5498,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 1429+5349** **Galaxy**
 Apr 14 2004 31" 17mmT4 VF,VS,OVAL,VERY SMALL FNUC,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,STELLAR LIKE,VF* VERY 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,VSFNUC,* 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

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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,VSFNUC,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	
NGC 5239		H101-3	Galaxy SB(rs)bc
May 14 2010 31"	17mmT4	PF,MS,OVAL,NND,PATCHY,PATCHY AREAS,ARMS DET,R=F	VF,PL,R,ER
NGC 5248		H34-1	Galaxy SAB(rs)bc
May 06 1981 12.5"	24mm	VB,VL,BNUC,DIM HALO	B,L,E150,PSBMRN
NGC 5249		H72-3	Galaxy S0?
May 14 2010 31"	17mmT4	MF,PS,OVAL,SMALL BNUC,PAIR=MAC,R=F	VF,S,R,BM
NGC 5251		H369-3	Galaxy S?
May 14 2010 31"	17mmT4	MF,PS,OVAL,R,SMALL FNUC,SOMEWHAT HISB MIDDLE,R=F	VF,S,VLE
NGC 5423			Galaxy S0-
Mar 16 2010 31"	17mmT4	MB,MS,OVAL,LARGE BNUC,VERY NICE GALAXY GROUP,R=G	VF,R,*IN CENTRE
NGC 5424			Galaxy S0
Mar 16 2010 31"	17mmT4	MF,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,VERY NICE GALAXY GROUP,R=G	VF,R,*IN CENTRE
NGC 5431			Galaxy S?
Mar 16 2010 31"	17mmT4	MB,MS,ELONG,UB,NND,IRR IN SHAPE,VERY NICE GALAXY GROUP,R=F	VF
NGC 5434			Galaxy SAc
Mar 16 2010 31"	17mmT4	MF,ML,OVAL,PATCHY,NND,CLOSE COMP=PGC50087,R=F	VF,L
NGC 5436			Galaxy S0/a
Mar 16 2010 31"	17mmT4	MF,PS,OVAL,LARGE FNUC,BM,SOMEWHAT HISB MIDDLE,PAIRS=NGC'S,R=F	3VF,LINE,2'-3'DIST
NGC 5437			Galaxy Sb
Mar 16 2010 31"	17mmT4	MF,PS,OVAL,LARGE FNUC,BM,SOMEWHAT HISB MIDDLE,PAIRS=NGC'S,R=F	3VF,N ONE BRIGHTEST
NGC 5438			Galaxy E/S0
Mar 16 2010 31"	17mmT4	MF,PS,OVAL,LARGE FNUC,BM,SOMEWHAT HISB MIDDLE,PAIRS=NGC'S,R=F	3VF,NF*8.6

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NGC 5466		H9-6	Globular	CL,L,VRI,VMC,ST11...
Apr 11 2015	36"	17mmT4	MB,ML,BRT 'S LOOSLY SCATTERED,FT SOFT BACKGROUND AROUND NUC AREA,~TYPE XI,R=G	
May 06 1981	12.5"	16mm	VB,EL	
Jul 14 1980	12.5"	24mm		
NGC 5490		H32-3	Galaxy E	CF,CS,R,SBMF**
Mar 26 2006	31"	17mmT4	PB,ML,OVAL,LARGE BNUC,HISB MIDDLE,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 5498			Galaxy S0-:	F,S,R,LBM,(R)
May 14 2010	31"	17mmT4	MF,MS,OVAL,LARGE BNUC,GBM,R=F	
Apr 09 2008	31"	17mmT4	MF,PS,OVAL,R,LARGE BNUC,SOMEWHAT HISB MIDDLE,PAIR=MAC,R=F	
NGC 5504			Galaxy SAB(s)bc	VF,VLE,VLBM
May 14 2010	31"	17mmT4	MF,MS,OVAL,*NUC OR F* IN CENTER OF GAL,PAIRS=PGC/IC4383,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,SMALL NUC AREA,SBM,R=F	
Mar 06 2003	12.5"	9mmT6	MB,MS,ELONG,BNUC,SMALL BRT NUC,SLIGHTLY HISB,R=F	
NGC 5523		H134-3	Galaxy SA(s)cd:	F,PL,PME90,*10NP
May 06 1981	12.5"	24mm	DIF,VF,ML,EDGE ON,FAINT HALO	
NGC 5524			Galaxy Spiral	VF
Mar 26 2006	31"	17mmT4	MB,MS,R,SMALL FNUC,SOMEWHAT HISB,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,LARGE CENTRAL REG,SLIGHT BULGE IN MIDDLE,PAIR=P50952,R=E	
NGC 5533		H418-2	Galaxy SA(rs)ab	PB,R,VSMBM,20R3*INV
May 06 1981	12.5"	24mm	DIF,VF,PL,FAINT HALO	
NGC 5544		H419-2	Galaxy (R)SB(rs)0/a	F,PS,E80,DW/45 ORBIN
Mar 29 2006	31"	17mmT4	MF,MS,OVAL,LARGE FNUC,VF* IN GAL,INTERACTING=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,INTERACTING=5544,R=G	
NGC 5548		H194-2	Galaxy (R')SA(s)0/a	CF,PS,R,VSVMBM*
May 06 1981	12.5"	24mm	MF,ES,DNUC,ONLY CENTRAL PART OF GAL SEEN	
NGC 5557		H99-1	Galaxy E1	CB,S,R,VSBM*

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NGC 5557		H99-1	Galaxy E1	CB,S,R,VSBM*
Mar 29 2006 31"	17mmT4	VB,PL,R,LARGE BNUC,HISB,GMBM,VF* IN GAL OUTSIDE NUC,SN? 15 MAG,R=E		
May 06 1981 12.5"	24mm	MB,ML,BNUC WITH DIM HALO		
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,LARGE BNUC,HISB MIDDLE,GMBM,R=G		
NGC 5589		H416-3	Galaxy SBa	VF,S,R,NP OF 2
Mar 26 2006 31"	17mmT4	MB,ML,R,SBNUC,FAINT HALO,SOMEWHAT HISB MIDDLE,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,LBNUC,FAINT HALO,SMBM,HISB MIDDLE,MOD HISB,PAIR=5589/PGC51285,R=G		
NGC 5600		H177-2	Galaxy Sc pec	PB,PS,GBM
May 06 1981 12.5"	24mm	DIF,MB,PS,NND,BRT HALO		
NGC 5602		H694-2	Galaxy Sa	PF,PS,LE,MBM
Jun 01 2003 12.5"	9mmT6	MF,MS,OVAL,FNUC,SHISB,SMALL NUC,R=F		
NGC 5609			Galaxy	EEF
Mar 29 2006 31"	17mmT4	VF,VS,R,PATCH,UB,NND,PAIRS=5613/5615/5614,APPROX 15.5 MAG,R=P		
NGC 5613			Galaxy (R)SAB(r)0+	EF,PS,DIF,2'N OF5614
Mar 29 2006 31"	17mmT4	MF,PS,OVAL,SMALL FNUC,PAIRS=5609/5615/5614,R=F		
NGC 5614		H420-2	Galaxy SA(r)ab pec	PB,S,R,SMBM
Mar 29 2006 31"	17mmT4	PB,PL,R,LARGE BNUC,HISB MIDDLE,COMP=5615/PAIRS=5613/5609,R=G		
May 06 1981 12.5"	24mm	MF,PS,DIM HALO		
NGC 5615			Galaxy	CLOSE N OF5614,(VF*)
Mar 29 2006 31"	17mmT4	VF,VS,ELONG,PATCH,UB,NND,COMP=5614,APP AS BUMP ALONG SIDE 5614,PAIRS=5613/5809,F		
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 5633		H185-1	Galaxy (R)SA(rs)b	CB,PS,R,PGLBM
May 06 1981 12.5"	24mm	DIF,PF,VS,FAINT HALO		
NGC 5641			Galaxy (R')SAB(r)ab	PB,PS,LE,MBM,(R)
May 06 1981 12.5"	24mm	DIF,PF,VS,ELONG,FAINT HALO		

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NGC 5642 Mar 26 2006 31" 17mmT4	H126-3 PB,MS,OVAL,LARGE BNUC,HISB,* IN EDGE,PAIR=PGC51748,R=G	Galaxy E	CF,S,*INV,*12NF
NGC 5653 May 06 1981 12.5" 24mm	H330-2 MF,VS,DIM HALO	Galaxy (R')SA(rs)b	PF,PS,R,BM
NGC 5660 May 06 1981 12.5" 24mm	H695-2 DIF,PB,PL,BRT HALO	Galaxy SAB(rs)c	PB,L,IR,VGBM
NGC 5665 May 06 1981 12.5" 24mm	H27-2 DIF,MB,ML,BRT HALO	Galaxy SAB(rs)c pec?	PB,PL,R,GBM,R
NGC 5669 May 06 1981 12.5" 24mm	H79-2 DIF,MB,ML,DIM HALO	Galaxy SAB(rs)cd	F,L,R,LBM,R
NGC 5676 May 06 1981 12.5" 24mm Jul 14 1980 12.5" 24mm	H189-1 VB,VL,BNUC,BRT HALO GET B* OUT OF FOV TO SEE	Galaxy SA(rs)bc	B,L,E45,PGBM,R
NGC 5687 Apr 14 2004 31" 17mmT4 May 06 1981 12.5" 24mm	H808-2 MF,MS,ELONG,* BOTH TIPS,LARGE SOFT BNUC,MOD HISB MIDDLE,PAIR=PGC52098,R=F MB,MS,BNUC,DIM HALO,*13 MAG EDGE OF GAL	Galaxy S0-?	PF,S,IF,RESOLVA,*10F
NGC 5689 May 06 1981 12.5" 24mm	H188-1 PB,VS,BNUC	Galaxy SB(s)0/a:	CB,PL,E87,PSMBM
NGC 5707 Apr 14 2004 31" 17mmT4		Galaxy Sab: sp	B,PS,R
	MB,PL,ELONG,LARGE BNUC,COMP OFF TIP(PGC52269),SHISB MIDDLE,TAPPED ENDS,R=G		
NGC 5714 Mar 16 2010 31" 17mmT4	H675-3 MB,ML,EDGE ON,UB,NND,GRAD CENTRAL BULGE,SOMEWHAT HISB,SHARP ENDS,PAIRS=NGC'S,R=G	Galaxy Scd:	VF,PS,E PF,D*N,1 OF6
NGC 5717 Mar 16 2010 31" 17mmT4		Galaxy S	VF,S,R,D*NR,2ND OF 6
	MB,MS,OVAL,SMALL BNUC,BM,PAIRS=NGC'S,R=F		
NGC 5720 Apr 14 2004 31" 17mmT4		Galaxy Sb	EEF,PS,R,BET 2*
	MF,PS,OVAL,SMALL FNUC,SBM,R=F		
NGC 5721 Mar 16 2010 31" 17mmT4		Galaxy	VF,S,R
	VF,ELONG,PATCH,UB,NND,CLOSE COMP=5722,PAIRS=NGC'S,R=P		
NGC 5722 Mar 16 2010 31" 17mmT4		Galaxy	VF,S,R,PSBM
	MB,MS,OVAL,SMALL BNUC,CLOSE COMP=5721,PAIRS=NGC'S,R=F		
NGC 5723 Mar 16 2010 31" 17mmT4		Galaxy E/S0	VF,S,R
	PF,ELONG,VERY SMALL FNUC,PAIRS=NGC'S,R=F		

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NGC 5739 May 06 1981 12.5" 24mm	H171-1 DIF,MF,MS,DNUC,FAINT HALO	Galaxy SAB(r)0+:	PB,S,R,SMBM,R,*NR
NGC 5751 Apr 14 2004 31" 17mmT4	H809-2 PF,ML,OVAL,UB,NND,EGG SHAPE,R-F	Galaxy Scd:	F,S,VLE,TRI2*10,11
NGC 5752 Mar 29 2006 31" 17mmT4	VF,PS,ELONG,PATCH,UB,NND,PAIR=5754,R=F	Galaxy Sb	F,1'P5754
NGC 5753 Mar 29 2006 31" 17mmT4	PF,PS,OVAL,PATCH,UB,NND,PAIR=5756,R=F	Galaxy	F,BM,NP5754
NGC 5754 Mar 29 2006 31" 17mmT4	MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,PAIR=5752,R=G	Galaxy SB(rs)b	CF,CS,R,BM
NGC 5755 Mar 29 2006 31" 17mmT4	MF,MS,OVAL,LARGE FNUC,PAIR=5753,R=G	Galaxy SBd	F,2'NF5754
NGC 5783 Apr 14 2004 31" 17mmT4	MF,ML,OVAL,PATCH,UB,NND,* IN GAL,PAIR=5788,R=F	Galaxy SBc	PB,PS,IR,F*INV
NGC 5788 Apr 14 2004 31" 17mmT4	DIF,PF,MS,ELONG,PATCH,UB,NND,PAIR=5783,R=F	Galaxy	EEF,S,R,VDIFFIC,SF-2
NGC 5820 Jun 21 2003 12.5" 9mmT6 May 06 1981 12.5" 24mm	PB,ML,OVAL,BNUC,MOD HISB,LARGE BRT NUC AREA,B** IN FOV,R=G DIF,VF,VS,FAINT HALO,JUST W OF A NICE DOUBLE *	Galaxy S0 sp	B,E90,SBM,B D*F8'
NGC 5821 Jun 21 2003 12.5" 9mmT6	VF,MS,PATCH,UB,NND,GET B* OUT OF FOV,PAIRS/5836/OGC53476,R=F	Galaxy S?	VF,S
NGC 5829 Mar 29 2006 31" 17mmT4	MF,ML,OVAL,PATCH,UB,NND,PAIRS=IC4526/PGC53720,R=F	Galaxy SA(s)c	VF,VL,IRRR,BM
NGC 5874 Apr 23 2003 12.5" 9mmT6	PF,VL,OVAL,PATCH,UB,NND,CENTER OF TRI OF *S,R=G	Galaxy SAB(rs)c	VF,PL,R,INTRI OF3B*
NGC 5875 Apr 23 2003 12.5" 9mmT6	ELONG,PATCH,UB,NND,R=G	Galaxy SAb:	PB,PL,LE
NGC 5876 Apr 23 2003 12.5" 9mmT6	MB,ML,OVAL,BNUC,MOD HISB,R=G	Galaxy SB(r)ab:	F,S,R,MBM
NGC 5899 May 14 2010 31" 17mmT4 May 06 1981 12.5" 24mm	PB,ML,ELONG,SMALL BNUC,MOD HISB,GRANULAR ARMS,SMBM,HISB MIDDLE,R=G MB,VL,DNUC,DIM HALO	Galaxy SAB(rs)c	CB,PL,PME,SMBMN

Bootes - The Herdsman

NGC 5900		H660-3	Galaxy Sb: sp	VF,S,VLE,GBM
May 14 2010 31"	17mmT4	MF,MS,EDGE ON,UB,NND,SLIGHT CENTRAL BULDGING,R=F		
NGC 5902		H737-3	Galaxy S	VF,VS,STELLAR
Apr 23 2003 12.5"	9mmT6	MF,MS,R,BNUC,MOD HISB,GMBM,R=F		
NGC 5914A			Galaxy Sb	F,VS,R,F ST INV
May 14 2010 31"	17mmT4	MF,PS,ELONG,SMALL BNUC,PAIRS=5914B/MAC,R=F		
NGC 5914B			Galaxy S	
May 14 2010 31"	17mmT4	VF,MS,PATCH,NND,PAIRS=5914A,MAC ON TOP OF GAL,CANNOT DET,R=P		
NGC 5918			Galaxy Scd:	CF,L,PME,GLBM,**S
May 14 2010 31"	17mmT4	MB,ML,EDGE ON,LARGE FNUC,GRAD CENTRAL BULGING,MHISB,R=G		
NGC 5923			Galaxy SAB(s)bc	VF,PL,VLE,VGBM
May 14 2010 31"	17mmT4	DIFF,PF,ML,OVAL,PATCHY,NND,R=F		
NGC 5929			Galaxy Sab: pec	VF,VS,SP OF DNEB
May 14 2010 31"	17mmT4	MB,VS,SMALL BNUC,SHISB,TOUCHING=5930,NICE PAIR,R=F		
Mar 29 2006 31"	17mmT4	MBMML,R,SBNUC,CLOSE COMP=5930,BM,SMBM,PAIR=PGC55095,R=G		
NGC 5930		H651-2	Galaxy Sa	PF,PS,R,NF OF DNEB
May 14 2010 31"	17mmT4	MB,ML,VERY SMALL FNUC,GBM,MHISB,TOUCHING=5929,NICE PAIR,R=G		
Mar 29 2006 31"	17mmT4	PB,PL,OVAL,SBNUC,CLOSE COMP=5929,BM,SMBM,PAIR=PGC55095,R=G		
PGC 48024			Galaxy S	
May 14 2010 31"	17mmT4	PF,PS,ELONG,UB,NND,R=P		
PGC 48077			Galaxy S	
May 14 2010 31"	17mmT4	PF,VS,ELONG,OVAL,PATCH,UB,NND,R=F		
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,SOMEWHAT HISB,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,VERY CLOSE COMP=PGC48974,PAIR=MAC,R=P		
PGC 48974			Galaxy S	
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,UB,NND,VERY CLOSE COMP=PGC48973,PAIR=MAC,R=F		

Bootes - The Herdsman

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,VERY CLOSE COMP ARE NOT DETECTED,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,LARGE FNUC,VERY NICE GALAXY GROUP,R=F
PGC 50032		Galaxy S
Mar 16 2010 31"	17mmT4	VF,PS,UB,NND,VERY NICE GALAXY GROUP,R=P
PGC 50087		Galaxy Sbc
Mar 16 2010 31"	17mmT4	MF,ML,ELONG,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,VSFNUC,PAIRS=5490/OTHERS,R=F
PGC 50559		Galaxy
Mar 26 2006 31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,R=F
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 50612		Galaxy
Mar 26 2006 31"	17mmT4	PF,VS,OVAL,VERY SMALL FNUC,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

Bootes - The Herdsman

PGC 50641		Galaxy E
May 14 2010 31"	17mmT4	EF,ES,ALMOST STELLAR,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,ALMOST STELLAR,PAIRS=IC'S/PGC,R=P
PGC 50645		Galaxy
May 14 2010 31"	17mmT4	VF,VS,SMALL BNUC,TOUCHING=MAC,CAN JUST BARELY SEPERATE,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,ELONG,SMALL VFNUC,PAIRS=IC4383/5504,R=P
PGC 50784		Galaxy Sb
May 14 2010 31"	17mmT4	PF,ML,OVAL,SMALL FNUC,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,SOMEWHAT HISB,R=F
PGC 50952		Galaxy Spiral
Mar 26 2006 31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,PAIR=5529,R=F
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,BRT * CLOSE,PAIRS=5590/5589,R=P
PGC 51296		Galaxy S
Mar 26 2006 31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,R=F
PGC 51503		Galaxy Sd
May 30 2014 36"	17mmT4	MB,PL,EDGE ON,NND,PA~90,* OFF TO SIDE,SILVER,SLIGHT CENTRAL BULGIND,R=FG

Bootes - The Herdsman

PGC 51587		Galaxy Sd:
May 30 2014 31"	17mmT4	VF,ML,EDGE ON,NND,PA~90,THIN SLIVER,R=P
PGC 51621		Galaxy SBc-IRR
Mar 26 2006 31"	17mmT4	DIF,VF,MS,OVAL,PATCH,UB,NND,R=P
PGC 51747		Galaxy S-Irr
Mar 26 2006 31"	17mmT4	VF,VS,ELONG,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 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,SFNUC,2NUC AREAS DET OR * CLOSE TO NUC,VERY CLOSE COMP DET,R=F
PGC 52675		Galaxy C
Mar 29 2006 31"	17mmT4	PF,PS,R,UB,NND,SOMEWHAT HISB,PAIR=PGC52698,R=F
PGC 52698		Galaxy Sb
Mar 29 2006 31"	17mmT4	PF,MS,ELONG,EDGE ON,PATCH,UB,NND,PAIR=PGC52675,R=F
PGC 52773		Galaxy SB
Mar 16 2010 31"	17mmT4	MF,MS,OVAL,LARGE FNUC,PAIRS=PGC'S,R=F
PGC 52778		Galaxy S0
Mar 16 2010 31"	17mmT4	MF,PS,OVAL,SMALL BNUC,BM,PAIRS=PGC'S,R=F
PGC 52781		Galaxy SBa:
Mar 16 2010 31"	17mmT4	MF,MS,OVAL,SMALL BNUC,BM,PAIRS=PGC'S,R=F
PGC 52788		Galaxy S0/a
Mar 16 2010 31"	17mmT4	MF,PS,OVAL,SMALL BNUC,BM,PAIRS=PGC'S,R=F
PGC 52794		Galaxy
Mar 16 2010 31"	17mmT4	PF,VS,ELONG,SMALL FNUC,PAIRS=PGC'S,R=F

Bootes - The Herdsman

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,VSFNUC,* CLOSE BY,COMP=MAC,PAIR=MAC,R=F
PGC 52844		Galaxy S0?
Apr 06 2008 31"	17mmT4	VF,VS,PATCH,SMALL FNUC,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,SMALL FNUC,CLOSE COMP=PGC52851,HICKSON 72,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,VSFNUC,CLOSE COMP=PGC52851,PAIRS=PGC'S,R=P
PGC 52851		Galaxy L
Apr 06 2008 31"	17mmT4	VF,VS,PATCH,SMALL FNUC,CLOSE COMP=PGC52848,HICKSON 72,R=P
Mar 29 2006 31"	17mmT4	VF,VS,PATCH,VSFNUC,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,ELONG,LARGE FNUC,PAIRS=PGC'S,R=F
PGC 53054		Galaxy Sab
Mar 29 2006 31"	17mmT4	VF,VS,OVAL,SFNUC,PAIRS=PGC'S,R=P
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,VSFNUC,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,INTERACTING=PGC,R=F
PGC 53433		Galaxy Double System
Mar 29 2006 31"	17mmT4	MF,PS,PATCH,UB,NND,LOC RIGHT OF *,INTERACTING=PGC,R=F
PGC 53476		Galaxy SAd
Jun 21 2003 12.5"	9mmT6	VDIF,EF,ES,UB,AV,PAIRS/5821/5836,R=P
PGC 53720		Galaxy S
Mar 29 2006 31"	17mmT4	EF,PS,PATCH,AV COMES AND GOES,PAIRS=5829/IC4526,R=P

Bootes - The Herdsman

PGC 54377

Galaxy Scd:

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

PGC 55095

Galaxy IBm

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

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