

Bootes - The Herdsman

Observed: No

OBJ	Messier	Herschel	Object Type	Mag	Dreyer Description	Object Alias
NGC 5239		H101-3	Galaxy SBbc	13.4	VF,PL,R,ER	
IC 4307			Galaxy S0	14.1		
NGC 5251		H369-3	Galaxy S0-a	13.9	VF,S,VLE	
NGC 5249		H72-3	Galaxy S0	13.2	VF,S,R,BM	
IC 4313			Galaxy C	14.6		
IC 4314			Galaxy E	13.8		
IC 905			Galaxy C	14.3		
IC 906			Galaxy Sc	15		
IC 909			Galaxy SBa	14.1		
IC 910			Galaxy S?	14.4		
IC 911			Galaxy S M	14.1		
IC 912			Galaxy S M	13.6		
IC 913			Galaxy SBb	14.6		
IC 914			Galaxy Sc	14.5		
IC 4317			Galaxy SBb	14.2		
IC 916			Galaxy C	14.4		
IC 4322			Galaxy C	14.4		
IC 933			Galaxy S0	13.5		
NGC 5293		H6-5	Galaxy Sc	13.1	EF,VL,RESOLVABLE	
IC 941			Galaxy S	14.4		
IC 4331			Galaxy E	14.8		
IC 4332			Galaxy S	14.3		
IC 944			Galaxy Sa	13.6		
NGC 5332			Galaxy E-S0	13	VF,S,R	
IC 946			Galaxy Sa	13.6		
IC 949			Galaxy Sd	14.7		
IC 4337			Galaxy S	14.7		
IC 948			Galaxy E	13.2		
IC 950			Galaxy S	14.3		
IC 4342			Galaxy Sbc	14.6		
IC 956			Galaxy C	14.7		
IC 4343			Galaxy E-S0	14.5		
IC 4344			Galaxy SB	14.6		
IC 4345			Galaxy E	14.9		
IC 4346			Galaxy S?	14.5		
IC 4348			Galaxy E	14.8		
IC 4349			Galaxy Sbc	14.5		
IC 961			Galaxy Sb	14.6		
IC 960			Galaxy Sab/P	13.8		
IC 959			Galaxy Sa	13.2		
IC 962			Galaxy S?	13.2		
IC 963			Galaxy S?	14.4		
IC 964			Galaxy E	14.7		
IC 965			Galaxy S	14.2		
IC 967			Galaxy S?	14		

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NGC 5405			Galaxy Sc	13.8	VF,IF,BM	
NGC 5409			Galaxy SBb	13.4	EF,R,5416F26S	
NGC 5411			Galaxy E-S0	13.4	VVF	
NGC 5414			Galaxy P	12.8	S,F*CENTRE,*10,11NF	
NGC 5416		H56-3	Galaxy Sc	13.3	EF,VS,E,R	
NGC 5417		H11-3	Galaxy Sa	12.9	CF,S,R,PSBM,*P	
NGC 5418			Galaxy SBbc	13.6	VF,R,BM	
IC 970			Galaxy SB0-a	13.9		
NGC 5423			Galaxy E-S0	13	VF,R,*IN CENTRE	
NGC 5424			Galaxy S0	13	VF,R,*IN CENTRE	
NGC 5431			Galaxy S?	14.3	VF	
NGC 5434			Galaxy Sc	13.2	VF,L	NGC 5434A
NGC 5434A			Non-Existent	13.2		NGC 5434
NGC 5434B			Galaxy Sc	14		
NGC 5436			Galaxy S0-a	14	3VF,LINE,2'-3'DIST	
IC 4365			Non-Existent	14.3		NGC 5437
NGC 5437			Galaxy Sb	14.3	3VF,N ONE BRIGHTEST	IC 4365
NGC 5438			Galaxy E-S0	13.6	3VF,NF*8.6	NGC 5446
NGC 5446		H57-3	Non-Existent	13.6	EF,ES	NGC 5438
NGC 5454			Galaxy S0	13.1	PF,S	
NGC 5456			Galaxy S0	13	F,PS	
NGC 5459			Galaxy S0	13.6	F,S,LE,PB*SP	
IC 4373			Galaxy E	14.6		
NGC 5463		H58-3	Galaxy S?	12.9	EF,S,LE	NGC 5463A
NGC 5463A			Non-Existent	12.9		NGC 5463
NGC 5463B			Galaxy E3	15		
IC 975			Galaxy E?	14.3		
NGC 5482		H59-3	Galaxy S0	13.1	EF,S	
IC 979			Galaxy SBab	13.7		
NGC 5487			Galaxy SBbc	14	EF	
NGC 5490		H32-3	Galaxy E	12	CF,CS,R,SBMF**	NGC 5490A
NGC 5490A			Non-Existent	12		NGC 5490
IC 982			Galaxy S0	13.3		
IC 4380			Galaxy Scd	14.6		
NGC 5490B			Galaxy Sc	14.9		
IC 983			Galaxy SBab	11.7		
NGC 5490C			Galaxy Sbc	14.2		
IC 984			Galaxy Sb	13.6		
NGC 5500		H674-3	Galaxy E	13.3	CF,CS,IR	
NGC 5497			Galaxy SBb	14.1	EF,S,R,LBM	
NGC 5492		H876-2	Galaxy Sb/P	12.9	PB,VS,E	
NGC 5499			Galaxy S0-a	13.6	F,S,R,GBM,(R)	
IC 4381			Non-Existent	13.4		NGC 5008
IC 4382			Galaxy Sb	14.8		
NGC 5498			Galaxy E-S0	13.8	F,S,R,LBM,(R)	

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IC 987			Galaxy S?	14.4		
IC 4384			Galaxy S0-a	14.1		
IC 4383			Galaxy S?	14.5		NGC 5504B
NGC 5504B			Non-Existent	14.5		IC 4383
NGC 5504			Galaxy SBbc	13	VF,VLE,VLBM	NGC 5504A
NGC 5504A			Non-Existent	13		NGC 5504
NGC 5504C			Galaxy Sd	14.7		
NGC 5508			Galaxy S0	13.8	EF,ES,R,LBM	
NGC 5469			Galaxy S0	13.9	VF,PS,R	
NGC 5505			Galaxy SBa	13	VF,PS,BET*\$D*	
NGC 5515		H685-3	Galaxy Sab	13	VF,S,VLE	
NGC 5509			Galaxy S0	14.1	VF,S,R,STELLAR NUCL	
NGC 5512			Galaxy E	14.4	VF,VS,R,SBMN,(R)	
NGC 5517			Galaxy S0-a	13.9	F,ES,R,BMN	
NGC 5511			Galaxy S?	14.5	VF,S,*10P	NGC 5511B
NGC 5511B			Non-Existent	14.5		NGC 5511
NGC 5511A			Galaxy C M	14		
NGC 5513		H877-2	Galaxy S0	12.9	PB,PL,IR	
NGC 5514			Galaxy Sab	13.3	F,PS,R,LBM,*16NF	
NGC 5514A			Galaxy C	14.5		
NGC 5518			Galaxy E-S0	14	F,VS,R,GBM	
NGC 5524			Non-Existent		VF	STAR
NGC 5519			Galaxy Sa	13.4	VF,PL,*10P	NGC 5570
NGC 5570		H12-3	Non-Existent	13.4	F,S,IR	NGC 5519
NGC 5527			Galaxy Sbc	14.4	EEF	
NGC 5522		H644-3	Galaxy Sb	13.4	VF,VS,E	
NGC 5529		H414-3	Galaxy Sc	12.1	CF,PL,VME110,VGVMBM	
NGC 5525			Galaxy S0	12.8	PF,PS,IR,BM	
IC 990			Galaxy S0	14.7		
NGC 5528			Galaxy Sb	14.1	EEF,PS,R,2VF* NR	
NGC 5536		H731-3	Galaxy SBa	13.6	CF,VS,R,SP OF 2	
IC 4394			Non-Existent			
NGC 5541		H732-3	Galaxy S?	12.7	CF,S,R,GBM,NF OF 2	
NGC 5531			Galaxy S0	13.7	F,S,R,5532F10S	
NGC 5532		H47-3	Galaxy S0	11.9	VF,VS,R,GBM,R	NGC 5532A
NGC 5532A			Non-Existent	11.9		NGC 5532
NGC 5532B			Galaxy S0	14.8		
NGC 5544		H419-2	Galaxy SB0-a	13.3	F,PS,E80,DW/45 ORBIN	
NGC 5545			Galaxy Sbc	15	E,LBM,DW/44 OR BIN	
IC 4395			Galaxy Sb	14.1		
IC 4396			Galaxy Sb	14.8		
NGC 5535			Galaxy C	15	EF,S,IR	
NGC 5539			Galaxy S M	14.6	F,PL,IF,GBM	
NGC 5538			Galaxy Scd	14.7	EF,S,E	
NGC 5542			Galaxy S?	14.3	VF,VS	

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IC	4397		Galaxy Sbc	13.4		
IC	4398		Galaxy SBb	14.5		
NGC	5543		Galaxy S	14.7	EF,VS	
NGC	5546	H551-3	Galaxy E	12.4	PB,CS,GBM	
IC	4403		Galaxy SBab	14.1		
IC	993		Galaxy S	14.9		
IC	994		Galaxy Sa	13.4		
IC	4399		Galaxy Sb	14.5		
NGC	5550		Galaxy Sb	13.3	VF,CS,PME	
NGC	5553		Galaxy Sa	14	VF,S,LE	
NGC	5559	H347-3	Galaxy SBb	14.1	VF,S,VLE,BM	
IC	4405		Galaxy Sab	14		
NGC	5567		Galaxy S0-a	14	PF,R	
NGC	5568		Galaxy Sc	15	VF,S,VDIF	
IC	999		Galaxy S0	13.4		
NGC	5571		Non-Existent		S CL OFF*IN NEB	STAR
NGC	5572		Galaxy Sb	14.3	EF,VS,BM	
IC	1000		Galaxy S0	13.3		
NGC	5562		Galaxy S	13.6	VF,S,VF*F3S	
NGC	5579	H415-3	Galaxy Sc	13.7	VF,CL,P OF 2	
NGC	5582	H754-2	Galaxy E	11.5	PB,PS,R,BMFn,*SP	
IC	1004		Galaxy C	15		
IC	4408		Galaxy Sb	14.2		
NGC	5581		Galaxy E-S0	14.1	VF*IN VF,VS,R NEBY	
NGC	5588		Galaxy SBa	13.3	VF,R,GBM	NGC 5589
NGC	5589	H416-3	Non-Existent	13.3	VF,S,R,NP OF 2	NGC 5588
IC	4409		Galaxy Sbc	14.4		
NGC	5580		Galaxy S0	12.3	PB,S,F OF 2	NGC 5579
NGC	5590	H417-3	Non-Existent	12.3	CF,S,R,BM*,SF OF 2	NGC 5580
NGC	5583		Galaxy S	13.5	VF,PS,R,PB*NR	
NGC	5586		Non-Existent		EF,VS,R	
NGC	5587	H110-3	Galaxy S0-a	12.9	F,CS,VLE,*8SF	
IC	4410		Galaxy Sb	14.7		
NGC	5598	H733-3	Galaxy S0	13.1	F,VS,R,BM	
NGC	5596	H418-3	Galaxy S0	13.6	EF,S,R,STELLAR	
NGC	5591		Galaxy Sc	13.4	EF,S,R,PB*NR SF	
NGC	5601		Galaxy S?	14.7	VF,BET5598\$5603	
NGC	5603B		Galaxy Sc	14.4		
IC	4413		Galaxy C	14.6		
IC	1006		Galaxy S?	14.5		
NGC	5603	H734-3	Galaxy S0	13	CF,PS,R,GBM	NGC 5603A
NGC	5603A		Non-Existent	13		NGC 5603
IC	4412		Non-Existent	14.2		NGC 5594
NGC	5594	H135-3	Galaxy S	14.2	EF,VS,STELLAR	IC 4412
NGC	5608	H673-2	Galaxy Im	13.4	F,PL,LE,VGLBM	

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IC	1008B		Galaxy C	15.3		IC 4414B
IC	4414B		Non-Existent	15.3		IC 1008B
IC	1008A		Galaxy P	14.5		IC 4414A
IC	4414A		Non-Existent	14.5		IC 1008A
NGC	5609		Galaxy S	15.7	EEF	
NGC	5611		Galaxy S0	12.6	F,S,R,BM	
NGC	5613		Galaxy SB0-a	14.3	EF,PS,DIF,2'N OF5614	
NGC	5615		Galaxy S?	14.7	CLOSE N OF5614,(VF*)	
IC	4416		Galaxy C	14.7		
NGC	5616	H419-3	Galaxy SBbc	13.8	VF,S,CE,VGBM,ER	
NGC	5610	H136-3	Galaxy SBab	13.5	VF,S,PME0,*9F	
IC	4415		Galaxy S	15.1		
IC	4417		Galaxy E-S0	14.2		
IC	4418		Galaxy E	14.1		
IC	4420		Galaxy SBc	14.7		
IC	4419		Galaxy E	15.7		
IC	4422		Galaxy E	14.2		
NGC	5622	H677-3	Galaxy Sb	13.2	VF,PS,VLE,VGLBM	
IC	1009		Galaxy S	14.5		
IC	4423		Galaxy Sbc	14.5		
IC	4425		Galaxy Sb	14.4		
IC	4427		Galaxy Sab	14.6		
NGC	5625		Galaxy Sbc	14	VF,S,R,GBM	
NGC	5623	H329-2	Galaxy E	12.5	CF,S,R,VSMBM,R	
IC	1012		Galaxy Sc	13.9		IC 4431
IC	4431		Non-Existent	13.9		IC 1012
IC	4426		Galaxy E	14.3		
IC	4435		Galaxy E-S0	14.2		
IC	4428		Galaxy S	15.2		
IC	4437		Non-Existent			STAR
NGC	5630	H674-2	Galaxy Sd	13	F,S,E90,GBM	
IC	4429		Galaxy E	14.1		
NGC	5621	H14-3	Non-Existent		EEF,L,RESOLVABLE	STAR
IC	1013		Galaxy S	14.6		
IC	4433		Galaxy Sbc	15.3		
IC	4434		Galaxy S0	14.4		
IC	4436		Galaxy E	13.9		
IC	1017		Galaxy S0	13.8		
IC	1018		Galaxy C	14.7		
IC	1019		Galaxy S	14.6		
NGC	5629		Galaxy S0	12.1	PF,S,R,GBM	
IC	1014		Galaxy SBdm	13		
IC	1015		Galaxy S?	14.4		
NGC	5628		Galaxy E	13.7	PF,S,R,GBMN=14M	
NGC	5635	H132-3	Galaxy Sb	12.9	F,S,E,SBM	

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OBJ	Messier	Herschel	Object Type	Mag	Dreyer Description	Object Alias
NGC 5627			Galaxy S0	13.3	VF,VS,R,*9SP	
IC 4438			Galaxy Sbc	15.8		
IC 4439			Galaxy Sbc	14.9		
IC 4442			Galaxy SBa	14.5		
NGC 5639			Galaxy Sc	13.7	VF,R,*7P,*11S	NGC 5639A
NGC 5639A			Non-Existent	13.7		NGC 5639
IC 1020			Galaxy S0	14.1		
NGC 5639B			Galaxy S	15.4		
IC 4440			Galaxy S0	14.4		
NGC 5637	H357-2		Galaxy Scd	13.9	VF,S,R,VGBM	
IC 4446			Galaxy Sbc	15.2		
NGC 5642	H126-3		Galaxy E	12.9	CF,S,*INV,*12NF	
IC 1021			Galaxy SBa	14.4		
IC 4443			Galaxy Sbc	15.1		
IC 4447			Galaxy SB0-a	13.7		
NGC 5646			Galaxy SBb	14.2	EF,E SPNF,45"L	
NGC 5654	H420-3		Galaxy SB0-a	13.1	F,S,(E),(**INV)	
IC 1026			Non-Existent	12.1		NGC 5653
NGC 5656	H421-2		Galaxy Sab	11.9	PF,PL,R,MBM,R	
NGC 5644			Galaxy S0	12.8	PB,PS,R,GMBM	
NGC 5648			Galaxy Sbc	13.3	VF,S,NOUCL,5649 NR	NGC 5649
NGC 5649	H645-3		Non-Existent	13.3	EF,VS,NP OF 2	NGC 5648
NGC 5647			Galaxy Sa	14.2	F,S,R,VLBM	
NGC 5657			Galaxy SBb	13.4	F,S,IRR,SEVVVF*INV	
NGC 5655			Galaxy Sc	13.3	EEF,SF OF 2	
NGC 5659			Galaxy Sb	14.1	EF	
IC 4449			Galaxy S	15.7		
NGC 5673	H696-2		Galaxy SBc	12.9	F,S,CE,*15NP	
IC 4450			Galaxy Sbc	14.4		
IC 1029			Galaxy Sb	12.9		
IC 4452			Galaxy Sa	14.1		
NGC 5665A			Galaxy C	15		
IC 1030			Non-Existent	13.4		NGC 5672
NGC 5672	H310-3		Galaxy Sb	13.4	VF,VL,IR,LBM,**P	IC 1030
NGC 5675	H422-2		Galaxy SBb	13	F,PS,E,BM	
NGC 5666			Galaxy S?	12.8	VF,VS,R,STELLAR	
IC 1028			Galaxy Sc	14		
IC 4454			Galaxy S	16.6		
IC 4456			Galaxy S	15.2		
NGC 5677	H283-3		Galaxy Sbc	13.9	VF,VS,R,R,3*9,10NP	
IC 1031			Galaxy S	14.8		
IC 4457			Galaxy E	15.2		
IC 4459			Galaxy Sb	14.7		
IC 4460			Galaxy Sa	14.9		
IC 1032			Galaxy C	14.7		

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IC	1033		Galaxy E	14.2		
NGC	5682		Galaxy SBb	13.9	F,PS,E	
NGC	5683		Galaxy SB0-a	15.2	F,VS,LE	
IC	4461		Galaxy Sb	14.4		
IC	4462		Galaxy S0	15.8		
NGC	5681		Galaxy Sb	13.5	F,S	
IC	4463		Galaxy E	14.1		
NGC	5684	H421-3	Galaxy S0	12.6	F,CS,R,BM,P OF 2	
IC	4465		Galaxy S	15.5		
NGC	5686		Galaxy Sa	14.4	VF,S,R,F OF 2	
NGC	5693		Galaxy SBd	13.6	F,PL,*13ATT S	
NGC	5685		Galaxy E	13.6	VF,VS,R,GBMN=15M	
IC	4471		Non-Existent	13.9		NGC 5697
NGC	5697	H675-2	Galaxy Sb	13.9	F,VS,R,BM,4B*P	IC 4471
IC	4466		Galaxy S0-a	14.6		
IC	4467		Galaxy E	15.6		
NGC	5696	H648-2	Galaxy Sbc	13	CF,CS,R,LBM,R	
NGC	5700		Galaxy SBbc	14.4	EF,S,RESOLVABL,*SP4'	
IC	1034		Galaxy S	14.5		
NGC	5698	H700-2	Galaxy SBb	13.1	CF,CS,LE,INTRI OF ST	
IC	4469		Galaxy Sc	14.9		
NGC	5695	H423-2	Galaxy SBa	12.7	PB,CS,R,BM,R	
IC	4473		Galaxy S	14.7		
IC	1035		Galaxy S0	14.3		
NGC	5714	H675-3	Galaxy Sc	13.4	VF,PS,E PF,D*N,1 OF6	
NGC	5704	H649-2	Galaxy Sd	13.3	F,CS,LE0	NGC 5708
NGC	5708		Non-Existent	13.3	F,PL,E0,GBM	NGC 5704
IC	4474		Galaxy SB	15.2		
IC	1036		Galaxy S	14.8		
IC	4475		Galaxy S0	13.9		
IC	1037		Galaxy S0	14.1		
IC	4477		Galaxy SBb	14.8		
NGC	5717		Galaxy S	14.8	VF,S,R,D*NR,2ND OF 6	
NGC	5699	H127-3	Galaxy E	14.8	EF,VS	NGC 5706
NGC	5706		Non-Existent	14.8	VF,VS,R,VLBM	NGC 5699
IC	4479		Galaxy Scd	13.8		
NGC	5703	H128-3	Galaxy SBa	13.6	VF,VS,IR	NGC 5709
NGC	5709		Non-Existent	13.6	VF,S,IF,E PF	NGC 5703
NGC	5721		Galaxy	14.9	VF,S,R	
NGC	5722		Galaxy E-S0	14.7	VF,S,R,PSBM	
NGC	5702	H894-3	Galaxy S0	13.4	VF,VS	
NGC	5723		Galaxy E-S0	15	VF,S,R	
NGC	5724		Galaxy C	15.9	VF,S,R	
IC	4478		Galaxy E	14		
NGC	5710	H895-3	Galaxy E	13	VF,S,VGBM,**F,P OF 2	

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NGC 5711			Galaxy SBa	14.1	EF,VS,**ATT,F OF 2	
IC 1038			Galaxy S0	14.3		
IC 4480			Galaxy C	14.6		
NGC 5730	H657-3		Galaxy Im	14	VF,CS,E90	
IC 1045			Non-Existent	13.3		NGC 5731
NGC 5731	H658-3		Galaxy Sbc	13.3	VF,ES,LE	IC 1045
IC 4481			Galaxy S	15.7		
IC 4482			Galaxy D	14.7		
IC 4483			Galaxy Sb	14.1		
IC 1040			Galaxy S	14.4		
NGC 5727			Galaxy Sd	13.7	EF,PL,R,DIF	
IC 4485			Galaxy Sb	14.8		
NGC 5732	H686-3		Galaxy Sbc	13.5	VF,S,R,LBM	
IC 1044			Galaxy S	14.1		
IC 4486			Galaxy S	14.4		
IC 4487			Galaxy Sbc	14.7		
IC 1047			Galaxy Sb	14.8		
NGC 5735	H133-3		Galaxy SBbc	12.7	VF,L,IR,LBM	
IC 4492			Galaxy C	14		
IC 4488			Galaxy E	15.5		
NGC 5737	H896-3		Galaxy SBb	13.7	VF,CS,R,VGLBM	
IC 4489			Galaxy E	15.5		
NGC 5736			Galaxy Sa	14.3	EEF,S,LE,VDIFFIC	
IC 4496			Galaxy S0	14		
IC 1050			Galaxy Sb	14.5		
IC 1051			Galaxy E	14.3		
IC 1052			Galaxy SBc	14.6		
IC 4495			Galaxy S	14.9		
IC 4493			Non-Existent	13.6		NGC 5747
IC 4497			Galaxy E	14.1		
NGC 5747	H48-3		Galaxy Sb	13.6	EF,S	IC 4493
IC 4494			Galaxy S	14.2		
IC 4500			Galaxy E	14.7		
IC 4498			Galaxy S0	14.4		
NGC 5748			Galaxy S	14.5	EF,VS	
NGC 5752			Galaxy Sb	14.1	F,1'P5754	
IC 4502			Galaxy S	15		
NGC 5753			Galaxy S	15	F,BM,NP5754	
NGC 5754	H687-3		Galaxy SBb	13.1	CF,CS,R,BM	
NGC 5755			Galaxy SB?	13.5	F,2'NF5754	
IC 1053			Galaxy S?	14.3		
IC 1057			Non-Existent	13.3		IC 1056
IC 4505			Galaxy E-S0	13.8		
IC 4504			Galaxy S0	14.4		
IC 4503			Galaxy S	14		

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IC	4506			Galaxy S0	14.8		
NGC	5758			Galaxy E-S0	14	EF,PS,R,*9F22S	
NGC	5759			Galaxy I	14.3	EF,S,R	
IC	4507			Galaxy S?	14.8		
NGC	5760		H885-3	Galaxy Sa	13.3	VF,VS,CE90,VGLBM	
IC	4508			Galaxy S0-a	14.4		
IC	4509			Galaxy Sb	14		
NGC	5762			Galaxy S?	13.1	VF,S,R,P OF 2	
NGC	5763			Galaxy S	14.2	EEF,PS,VDIFFIC,F OF2	
IC	1058			Galaxy Sbc	13.9		
NGC	5767			Galaxy SBab	14.2	EF,PS,R,*NR	
IC	4512			Galaxy E	15		
IC	4514			Galaxy SBab	14.4		
IC	4515			Galaxy S	15		
IC	1061			Galaxy E	15		
IC	1062			Galaxy E-S0	14.5		
NGC	5772			Galaxy Sb	12.9	PB,PL,LE,PSLBM,*8NP	
NGC	5771		H129-3	Galaxy E	13.6	VF,S,R,PGBM	
NGC	5773		H130-3	Galaxy Sa	13.5	VF,S,R,PGBM	
NGC	5769			Galaxy E	14.4	VF	
NGC	5785			Non-Existent	12.9	VF,PS,F*NR F,NP OF 2	NGC 5783
NGC	5784		H676-2	Galaxy S0	12.4	PB,S,R,SMBM,STELLAR	
NGC	5780			Galaxy Sab	14.1	VF,S,R,*NR SP	
IC	4516			Galaxy E	13.4		
NGC	5778			Galaxy E	14.3	EEF,PS,R,PB*NR,F,DIFI	NGC 5825
NGC	5825			Non-Existent	14.3	EEF,PS,LE,PB*CLOSE F	NGC 5778
IC	4517			Galaxy Sb	14.7		
IC	4519			Galaxy SB0-a	14.5		
IC	1075			Galaxy SBb	14		
IC	1076			Galaxy Sbc	13.4		
IC	4520			Galaxy Sb	15.3		
NGC	5787		H677-2	Galaxy S?	13.2	F,CS,R,PSLBM	
NGC	5794			Galaxy S	13.6	PF,S,VSBM*13,1ST OF4	
NGC	5782			Galaxy S0	13.7	EF,VS,E,*NR SF	
NGC	5795			Galaxy Sc	14	VF,PS,LE,PB*CLOSE P	
NGC	5797		H678-3	Galaxy S0-a	12.8	F,S,VSBM*13,2ND OF 4	
IC	1078			Galaxy Sa	13.7		
NGC	5789		H976-3	Galaxy SBd	13.4	EF,PS,IF	
IC	1079			Galaxy E	13.5		
NGC	5804		H679-3	Galaxy SBb	13.1	VF,VS,VSBM,*6NR	
NGC	5805			Galaxy C	15	S	
NGC	5790			Galaxy S0-a	14	EF,VS,IF,LBM	
NGC	5798		H131-3	Galaxy Im	13	F,S,R,VGBM,*NF	
NGC	5818			Galaxy S0	13.8	VF,PS,R,EF*INV,BET2*	
IC	4521			Galaxy Sc	14.7		

Bootes - The Herdsman

Observed: No

OBJ	Messier	Herschel	Object Type	Mag	Dreyer Description	Object Alias
NGC 5828A			Galaxy Sb	16.1		
NGC 5828			Galaxy Sc	13.6	EF,PS,R,BET2DIST*	NGC 5828B
NGC 5828B			Non-Existent	13.6		NGC 5828
IC 4528			Galaxy S	14.5		
NGC 5830			Galaxy Sb	14.3	VF,S,R,B*NR F	
NGC 5827			Galaxy S?	12.9	PB,PL,R,BM	
IC 4524			Galaxy Sc	14.9		
IC 4525			Galaxy SBd	15.1		
NGC 5835			Galaxy Sa	14.4	VF,PS,R	
IC 4526			Galaxy S?	15.8		
NGC 5829			Galaxy Sc	13.1	VF,VL,IRRR,BM	
IC 1085			Galaxy S	14		
IC 1086			Galaxy S	14.7		
IC 4530			Galaxy S?	14.5		
NGC 5840			Non-Existent		EEF,PS,LE,VDIFFIC	
IC 4531			Galaxy C	14.9		
IC 4533			Galaxy Sa	13.9		
NGC 5837			Galaxy SBbc	13.7	VF,S,R,D*NP	
NGC 5842			Galaxy C	14.3	EF,VS,R,LBM	
IC 4532			Galaxy S	14.6		
IC 1090			Non-Existent			STAR
NGC 5853			Galaxy SBb	13.7	PF,PS,R,MBM,(R)	
NGC 5860			Galaxy S0+S0	13.2	F,S,R,PSBM	
IC 4534			Galaxy SB0	13.5		
NGC 5851	H886-3		Galaxy Sc	14.3	EF,VS,NP OF 2	
NGC 5852	H887-3		Galaxy S	13.7	EF,VS,SF OF 2	
NGC 5856	H71-4		Non-Existent		(NEB*6M)	STAR
NGC 5857	H751-2		Galaxy SBb	13	CF,CS,E,P OF DNEB	
NGC 5859	H572-2		Galaxy SBbc	12.5	PF,PS,E,F OF D NEB	
IC 1093			Galaxy SBbc	14		
IC 1092			Galaxy S0	13.8		
IC 1094			Galaxy C M	16.6		
IC 1096			Galaxy S	14.8		
IC 4535			Galaxy C	14.8		
IC 1097			Galaxy Sb	13.9		
NGC 5875A			Galaxy S?	13.3		
IC 1095			Galaxy Sb	14.4		
NGC 5886			Galaxy E-S0	14	F,VS,R,BM	
NGC 5888	H659-3		Galaxy SBbc	13.4	CF,VS,R,BM,R	
NGC 5884			Non-Existent		F,BIN,POS170,DIST7"	STAR
NGC 5889			Galaxy SBb	15.4	EEF,GLBM	
NGC 5893	H678-2		Galaxy SBb	13.2	F,S,R,R,3*NR	
NGC 5895			Galaxy Sc	14.3	VF,S,E NS,CONNW/5896	
NGC 5896			Galaxy	15	VF,VS,R,CONN W/5895	
NGC 5901			Non-Existent		NR N OF5900,EF,S	STAR

Bootes - The Herdsman

Observed: No

OBJ	Messier	Herschel	Object Type	Mag	Dreyer Description	Object Alias
NGC 5900		H660-3	Galaxy Sb	14.1	VF,S,VLE,GBM	
NGC 5914			Galaxy Sb	14.4	F,VS,R,F ST INV	NGC 5914A
NGC 5914A			Non-Existent	14.4		NGC 5914
NGC 5914B			Galaxy S	16		
NGC 5918			Galaxy Sc	13.2	CF,L,PME,GLBM,**S	
NGC 5922		H661-3	Non-Existent		EF,S	STAR
NGC 5923			Galaxy SBbc	12.9	VF,PL,VLE,VGBM	
IC 4542			Galaxy SB0-a	14.2		IC 4542A
IC 4542A			Non-Existent	14.2		IC 4542
IC 4542B			Galaxy S?	15.1		
NGC 5929			Galaxy Sab/P	13.3	VF,VS,SP OF DNEB	
NGC 5930		H651-2	Galaxy SBb/P	12.2	PF,PS,R,NF OF DNEB	
NGC 5932			Galaxy S	14.5	VF,PS,R,NP OF 2	
NGC 5933			Galaxy S0	14.8	EEF,VS,R,SF OF 2	
NGC 5934			Galaxy S?	13.8	F,S,IRR,LE NS,2*INV	
NGC 5935			Galaxy S?	14.8	*13,14SEEMS SL NEBS	
IC 1123			Non-Existent			STAR
IC 4549			Galaxy Sbc	14.8		
NGC 5943			Galaxy S0	13.8	VF,PS,DIF	
NGC 5945			Galaxy SBab	13	PF,PL,GMBM,S*ATT NP	
NGC 5947			Galaxy SBbc	13.7	VF,S,DIF	
NGC 5950			Galaxy Sb	13.8	VF,S,R,S*NP	
IC 4557			Galaxy S	14.9		
NGC 5966		H634-3	Galaxy E	12.3	VF,S,R,GBM,2ST8F	
IC 4560			Galaxy S0	15.7		
IC 4562			Galaxy E	12.7		
IC 4562A			Galaxy C M	14.4		
IC 4563			Galaxy S?	14.3		
IC 4564			Galaxy Sc	13.7		
IC 4565			Galaxy Sc	14.1		
IC 4566			Galaxy Sab	13.3		
IC 4567			Galaxy Sc	12.8		
NGC 5992		H635-3	Galaxy Sab	13.5	VF,VS,R,BM,SP OF 2	
NGC 5993		H636-3	Galaxy SBb	13.2	CF,VS,R,BM,NF OF 2	

Sub Total: 484

Observed: Yes

OBJ	Messier	Herschel	Object Type	Mag	Dreyer Description	Object Alias
NGC 5248		H34-1	Galaxy SBbc	10.1	B,L,E150,PSBMRN	
NGC 5466		H9-6	Globular XII	9.2	CL,L,VRI,VMC,ST11...	
NGC 5520		H676-3	Galaxy Sb	12.4	F,S,LE,STELLAR	
NGC 5523		H134-3	Galaxy Sc	12.2	F,PL,PME90,*10NP	
NGC 5533		H418-2	Galaxy Sab	11.9	PB,R,VSMBM,20R3*INV	
NGC 5548		H194-2	Galaxy S0-a	12.3	CF,PS,R,VSMBM*	

Bootes - The Herdsman

Observed: Yes

OBJ	Messier	Herschel	Object Type	Mag	Dreyer Description	Object Alias
NGC 5557		H99-1	Galaxy E1	10.9	CB,S,R,VSBM*	
NGC 5602		H694-2	Galaxy Sa	12.7	PF,PS,LE,MBM	
NGC 5600		H177-2	Galaxy Sc	12	PB,PS,GBM	
NGC 5614		H420-2	Galaxy Sab	11.7	PB,S,R,SMBM	
NGC 5624			Galaxy S?	13.2	EF,S,LE	
NGC 5633		H185-1	Galaxy Sb	12.2	CB,PS,R,PGLBM	
NGC 5641			Galaxy SBab	12.5	PB,PS,LE,MBM,(R)	
IC 1027			Galaxy S	14.9		
NGC 5660		H695-2	Galaxy SBc	11.7	PB,L,IR,VGBM	
NGC 5653		H330-2	Galaxy Sb	12.1	PF,PS,R,BM	IC 1026
NGC 5665		H27-2	Galaxy SBc	12	PB,PL,R,GBM,R	
NGC 5669		H79-2	Galaxy SBc	11.6	F,L,R,LBM,R	
NGC 5676		H189-1	Galaxy Sbc	11.1	B,L,E45,PGBM,R	
NGC 5687		H808-2	Galaxy E-S0	11.7	PF,S,IF,RESOLVA,*10F	
NGC 5689		H188-1	Galaxy SB0-a	11.9	CB,PL,E87,PSMBM	
NGC 5707			Galaxy Sab	12.6	B,PS,R	
NGC 5720			Galaxy Sb	13.9	EEF,PS,R,BET 2*	
NGC 5739		H171-1	Galaxy SB0-a	12.3	PB,S,R,SMBM,R,*NR	
NGC 5751		H809-2	Galaxy Sc	13.2	F,S,VLE,TRI2*10,11	
IC 1056			Galaxy Sb	13.3		IC 1057
IC 1069			Galaxy S0	14.1		
IC 1074			Galaxy Sbc	14.3		
NGC 5788			Galaxy S	14.9	EEF,S,R,VDIFFIC,SF-2	
NGC 5783			Galaxy SBc	12.9	PB,PS,IR,F*INV	NGC 5785
NGC 5820		H756-2	Galaxy S0	12.3	B,E90,SBM,B D*F8'	
NGC 5821		H811-3	Galaxy S?	13.7	VF,S	
NGC 5874			Galaxy SBc	12.5	VF,PL,R,INTRI OF3B*	
NGC 5875		H755-2	Galaxy Sb	12.5	PB,PL,LE	
IC 1111			Galaxy Sb	15.2		
NGC 5876			Galaxy SBab	12.9	F,S,R,MBM	IC 1111
NGC 5902		H737-3	Galaxy S	13.2	VF,VS,STELLAR	
NGC 5899		H650-2	Galaxy SBc	11.8	CB,PL,PME,SMBMN	
MAC 1429+5349			Galaxy	15.5		
PGC 50664			Galaxy Sdm	14.9		
PGC 52098			Galaxy	14.1		
PGC 52226			Galaxy S	12.9		
PGC 52269			Galaxy S	14.1		
PGC 53476			Galaxy SAd	14.9		

Sub Total: 44

Total: 528