

Ursa Minor - The Little Bear

IC	945		Galaxy S
	Feb 05 2005 31"	17mmT4	EF,VS,PATCH,UB,AV,PAIR=PGC48867,R=P
IC	954		Galaxy Pec
	May 16 2004 31"	17mmT4	PF,PS,OVAL,PATCH,VFNUC,F* OFF EDGE,R=F
IC	1046		Galaxy Sc
	Feb 05 2005 31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,R=F
IC	1083		Galaxy S
	Apr 14 2004 31"	17mmT4	DIF,MF,MS,PATCH,UB,NND,R=F
IC	1110		Galaxy Sa
	Apr 23 2003 12.5"	9mmT6	DIF,MF,MS,OVAL,PATCH,UB,NND,R=F
IC	1129		Galaxy Scd:
	Apr 23 2003 12.5"	9mmT6	DIF,VF,VS,OVAL,PATCH,NND,R=P
IC	1139		Galaxy
	Apr 23 2003 12.5"	9mmT6	EDIF,EF,ES,PATCH,AV,R=P
IC	1143		Galaxy E
	Apr 23 2003 12.5"	9mmT6	MF,MS,OVAL,PATCH,FNUC,SHISB,R=F
IC	1145		Galaxy Sbc
	Apr 23 2003 12.5"	9mmT6	VDIF,VF,VS,PATCH,AV HOLDS,R=P
IC	1154		Galaxy E
	Jun 01 2003 12.5"	9mmT6	VDIF,VF,VS,PATCH,R=P
IC	1187		Galaxy L
	Jun 01 2003 12.5"	9mmT6	EDIF,EF,ES,AV,SUSP,LOC GOOD,R=P
IC	4470		Galaxy S
	Jun 01 2003 12.5"	9mmT6	VDIF,EF,VS,PATCH,AV HOLDS,PAIR=5712,R=P
IC	4660		Galaxy S
	Jun 23 2003 12.5"	9mmT6	VDIF,VF,PS,PATCH,NND,AV,R=P
MAC	1348+7234		Galaxy
	May 16 2004 31"	17mmT4	VF,VS,PATCH,NND,PAIR=5340,R=P
MAC	1349+7239		Galaxy
	May 16 2004 31"	17mmT4	PF,PS,PATCH,NND,BTR THAN NGC 5340,PAIR=5340,R=P
MAC	1352+7818		Galaxy
	May 16 2004 31"	17mmT4	VF,VS,PATCH,NND,PAIR=P49217,R=P

Ursa Minor - The Little Bear

MAC 1642+8134 **Galaxy**
 May 31 2014 36" 17mmT4 PF,VS,OVAL,PATCH,NND,AGC 2247,R=P

MAC 1643+8127 **Galaxy**
 May 31 2014 36" 17mmT4 EF,ES,PATCH,AV HARD TO HOLD,AGC 2247,R=P

MAC 1646+8122 **Galaxy**
 May 31 2014 36" 17mmT4 VF,VS,NND,AGC 2247,R=P

MAC 1646+8125 **Galaxy**
 May 31 2014 36" 17mmT4 MF,MS,OVAL,UB,NND,SHISB,AGC 2247,R=PF

MAC 1647+8134 **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,AV,AGC 2247,R=P

MAC 1648+8125 **Galaxy**
 May 31 2014 36" 17mmT4 VF,VS,PACH,UB,NND,ON TO OF MAC,CANNOT SEP OR DETERMINE,AGC 2247,R=P

MAC 1648+8125A **Galaxy**
 May 31 2014 36" 17mmT4 VF,VS,PACH,UB,NND,ON TO OF MAC,CANNOT SEP OR DETERMINE,AGC 2247,R=P

MAC 1648+8136 **Galaxy**
 May 31 2014 36" 17mmT4 MF,PS,R,FLNUC,AGC 2247,R=F

MAC 1649+8128 **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,CANNOT DETERMINE WHO IS WHAT,ON TOP OF MAC,AV TOOK A WHILE,AGC 2247,R=P

MAC 1649+8128B **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,CANNOT DETERMINE WHO IS WHAT,ON TOP OF MAC,AV TOOK A WHILE,AGC 2247,R=P

MAC 1649+8136 **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,V CLOSE TO F*,SUSP,AGC 2247,R=P

MAC 1651+8130 **Galaxy**
 May 31 2014 36" 17mmT4 VF,VS,PATCH,UB,NND,AGC 2247,R=P

MAC 1653+8138 **Galaxy**
 May 31 2014 36" 17mmT4 EF,ES,V CLOSE TO PGC59212,CAN JUST BARELY SEP,AV,R=P

MAC 1657+7833 **Galaxy**
 May 31 2014 36" 17mmT4 VF,VS,RT,VBSNUC,AGC 2256,R=P

MAC 1658+7825 **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,PATCH,AV FIRST THEN HOLDS,AGC 2256,R=P

MAC 1658+7829 **Galaxy**
 May 31 2014 36" 17mmT4 VF,PS,OVAL,PATCH,UB,AGC 2256,R=P

Ursa Minor - The Little Bear

MAC 1658+7831 **Galaxy**
 May 31 2014 36" 17mmT4 VF,PS,OVAL,PATCH,UB,AGC 2256,R=P

MAC 1700+7847 **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,OVAL,AGC 2256,R=P

MAC 1700+7905 **Galaxy**
 May 31 2014 36" 17mmT4 VF,VS,PATCH,TOOK AV WHILE,BTR THAN CLOSE PAIR=MAC,AGC 2256,R=P

MAC 1701+7831 **Galaxy**
 May 31 2014 36" 17mmT4 EF,ES,PATCH,AV COMES AND GOES,AGC 2256,R=P

MAC 1701+7836 **Galaxy**
 May 31 2014 36" 17mmT4 EF,ES,AV COMES AND GOES,AGC 2256,R=P

MAC 1701+7841 **Galaxy**
 May 31 2014 36" 17mmT4 EF,ES,PATCH,AV ONLY A FEW TIMES,AGC 2256,R=P

MAC 1701+7905 **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,PATCH,TOOK AV WHILE TO LOCATE, CLOSE PAIR=MAC,AGC 2256,R=P

MAC 1702+7845A **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,PATCH,SUSP,AGC 2256,R=P

MAC 1702+7845B **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,PATCH,AGC 2256,R=P

MAC 1703+7837 **Galaxy**
 May 31 2014 36" 17mmT4 VF,VS,NND,V CLOSE COMP=6331,CAN SEP,AGC 2256,R=P

MAC 1703+7837A **Galaxy**
 May 31 2014 36" 17mmT4 EF,ES,PATCH,AV V HARD TO HOLD,AV,AGC 2256,R=P

MAC 1704+7837 **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,PATCH,UB,AV FIRST,HARD TO HOLD,AGC 2256,R=P

MAC 1704+7848 **Galaxy**
 May 31 2014 36" 17mmT4 VF,PS,OVAL,NND,AGC 2256,R=PF

MAC 1705+7828 **Galaxy**
 May 31 2014 36" 17mmT4 EF,VS,OVA,NND,AV FIRST THEN HOLDS,AGC 2256,R=P

MAC 1705+7838A **Galaxy**
 May 31 2014 36" 17mmT4 EF,ES,PATCH,AV COMES AND GOES,AGC 2256,R=P

MAC 1705+7838B **Galaxy**
 May 31 2014 36" 17mmT4 EF,ES,PATCH,AV COMES AND GOES,AGC 2256,R=P

Ursa Minor - The Little Bear

MAC 1705+7851		Galaxy	
May 31 2014 36"	17mmT4	EF,VS,PATCH,NND,AGC 2256,R=P	
MAC 1706+7825		Galaxy	
May 31 2014 36"	17mmT4	EF,ES,PATCH,AV FIRST,AGC 2256,R=P	
MAC 1706+7830		Galaxy	
May 31 2014 36"	17mmT4	EF,ES,SUSP,AGC 2256,R=P	
MAC 1707+7836		Galaxy	
May 31 2014 36"	17mmT4	EF,ES,PATCH,LONG TIME FOR AV TO LOCATE,AGC 2256,R=P	
MAC 1707+7841		Galaxy	
May 31 2014 36"	17mmT4	EF,VS,PATCH,LOC IN BARRON FOV,AGC 2256,R=P	
MAC 1707+7853		Galaxy	
May 31 2014 36"	17mmT4	EF,ES,NND,AV,AGC 2256,R=P	
MAC 1708+7829		Galaxy	
May 31 2014 36"	17mmT4	VF,VS,PATCH,UB,NND,AGC 2256,R=P	
MAC 1708+7850		Galaxy	
May 31 2014 36"	17mmT4	VF,ES,OVAL,V CLOSE TO *,AGC 2256,R=P	
MAC 1709+7842		Galaxy	
May 31 2014 36"	17mmT4	EF,ES,PATCH,AV,SUSP,AGC 2256,R=P	
MAC 1709+7852		Galaxy	
May 31 2014 36"	17mmT4	VF,ES,PATCH,NND,AGC 2256,R=P	
MAC 1710+7832		Galaxy	
May 31 2014 36"	17mmT4	MF,VS,EL,BLNUC,V CLOSE TO *,AGC 2256,R=F	
NGC 3172		Galaxy Sb	VF,R,GBM,*11S2'
Sep 06 2002 12.5"	9mmT6	DIF,VF,PS,OVAL PATCH,NGC CLOSEST TO POLARIS,F* 1	GLXY DIA AWAY
NGC 5034		H909-3	Galaxy S?
Apr 14 2004 31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,R=F	VF,VS,R
NGC 5144		H70-4	Galaxy SAc? pec
Apr 14 2004 31"	17mmT4	MF,ML,R,SHISB,PATCHY ARMS DET,R=F	(PLN),CB,S,R,G,SLBM
NGC 5262		Galaxy S0-	EF,S
Feb 05 2005 31"	17mmT4	MF,MS,OVAL,FSNUC,PAIR=PGC47875,R=F	
NGC 5314		Galaxy S?	VF,ES,STELLAR,EF*VNR
Feb 05 2005 31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,SHISB,R=F	

Ursa Minor - The Little Bear

NGC 5323		H899-2	Galaxy Sab	VF,PS,LE0
Feb 05 2005 31"	17mmT4	MF,MS,EL-EDGE ON,UB,NND,CNTR BULGE,R=F		
NGC 5340			Galaxy S	EF,S,R
May 16 2004 31"	17mmT4	DIF,VF,MS,PATCH,UB,NND,PAIRS=MAC'S,R=P		
NGC 5344			Galaxy	VF,S,R
May 16 2004 31"	17mmT4	PF,MS,OVAL,FSNUC,SLGHTLY BM,R=F		
NGC 5412			Galaxy S0-:	PF,S,R,D*P
May 16 2004 31"	17mmT4	MF,MS,R,BLNUC,MHISB CNTR,R=G		
NGC 5415			Galaxy	EF,VS,R,2F*NR
Mar 06 2003 12.5"	9mmT6	PF,MS,EDGE ON,NND,SBM,LOC IN BARREN * FIELD,R=P		
NGC 5452		H947-3	Galaxy SAB(s)d	VF,PL,IR,VGVLB
May 16 2004 31"	17mmT4	VDIF,VF,PL,OVAL,PATCH,UB,NND,R=P		
NGC 5479			Galaxy E/S0	EF,VS,R,NEARLYBET2*
Mar 06 2003 12.5"	9mmT6	VDIF,VF,PS,PATCH,NND,AV HOLDS,OTHER COMP CLOSE BY,R=P		
NGC 5547		H948-3	Galaxy Double System	EF,VS,E0
Mar 06 2003 12.5"	9mmT6	EDIF,EF,PS,PATCH,AV,R=P		
NGC 5607		H331-2	Galaxy Pec	PF,CS,IR,BM,ER
Jun 01 2003 12.5"	9mmT6	DIF,VF,MS,PATCH,UB,NND,R=P		
NGC 5620		H319-3	Galaxy	EF,VS
Jun 01 2003 12.5"	9mmT6	VDIF,VF,VS,PATCH,UB,F* JUST TO THE NORTH,R=P		
NGC 5671		H882-3	Galaxy SB(r)b	VF,PL,R,BM
Jun 01 2003 12.5"	9mmT6	VDIF,VF,PS,PATCH,UB,AV HOLDS,R=P		
NGC 5712		H950-3	Galaxy	VF,S,R,S CL P
Jun 01 2003 12.5"	9mmT6	VDIF,VF,VS,PATCH,AV HOLDS,PAIR=IC4470,R=P		
NGC 5819		H311-3	Galaxy SAB(rs)bc	F,PL,TRI 2*
Apr 14 2004 31"	17mmT4	MF,PL,OVAL,PATCH,UB,NND,R=F		
NGC 5832		H332-2	Galaxy SB(rs)b?	PB,CL,IR,BP,R
Apr 14 2004 31"	17mmT4	DIF,PF,VL,OVAL,PATCH,UB,NND,R=G		
NGC 5836		H312-3	Galaxy SB(rs)b	EF,VS,LE,2*INV
Jun 21 2003 12.5"	9mmT6	MF,ML,R,*NUC,SHISB,F* IN CNTR NUC,PAIRS/5821/PGC53476,R=G		
NGC 5909		H943-3	Galaxy S?	VF,VS
Apr 23 2003 12.5"	9mmT6	MF,PS,OVAL,PATCH,SNUC,COMP=5912,R=F		

Ursa Minor - The Little Bear

NGC 5912 Apr 23 2003 12.5" 9mmT6	H944-3 MF,PS,OVAL,PATCH,FNUC,COMP=5909,SLT BM,R=F	Galaxy E?	VF,VS
NGC 5939 Apr 23 2003 12.5" 9mmT6	DIF,PF,MS,OVAL,PATCH,UB,NND,R=F	Galaxy S?	PB,PS,LE
NGC 6011 Apr 23 2003 12.5" 9mmT6	MF,MS,FNUC,PATCH,F*	Galaxy Sb EDGE OF GLXY,R=F	VF,S,E90,VS*F
NGC 6048 Jun 01 2003 12.5" 9mmT6	DIF,MF,MS,OVAL,PATCH,UB,SHISB,R=F	Galaxy E	F,R,BM
NGC 6068 Jun 01 2003 12.5" 9mmT6	DIF,VF,MS,OVAL,UB,NND,PAIR=6068A,R=F	Galaxy SBbc?	VF,VS,LE0,R
NGC 6068A Jun 01 2003 12.5" 9mmT6	VDIF,EF,PS,EL,PATCH,AV HOLDS,PAIR=6068,R=P	Galaxy S0? sp	
NGC 6071 Jun 01 2003 12.5" 9mmT6	EDIF,VF,VS,PATCH,AV HOLDS,R=P	Galaxy SB(s)b	EF,VS
NGC 6079 Jun 01 2003 12.5" 9mmT6	PF,PS,R,BNUC,R=F	Galaxy E	VF,VS
NGC 6091 Jun 01 2003 12.5" 9mmT6	EDIF,EF,VS,PATCH,AV,SUSP,R=P	Galaxy	VF,VS,R,*N
NGC 6094 Apr 14 2004 31" 17mmT4	MF,MS,R,FLNUC,R=F	Galaxy S0	VF,VS,LE
NGC 6217 Jun 22 2003 12.5" 9mmT6 Aug 13 1982 12.5" 16mm	PB,VL,R,FNUC,SHISB,FACE ON,FSNUC,DUST SUSP,FARMS,R=E PF,PS,DIF,*NUC,OVAL,SBM,NO *S	Galaxy (R)SB(rs)bc	B,CL,LE,SLBM
NGC 6251 Jun 22 2003 12.5" 9mmT6	PF,MS,PATCH,FNUC,SHISB TOWARDS CNTR,SBM,PAIR=6252,R=F	Galaxy E	CF,S,BM,P OF 2
NGC 6252 Jun 22 2003 12.5" 9mmT6	EDIF,VF,VS,PATCH,NND,AV,PAIR=6251,R=P	Galaxy S R	VF,VS,F OF 2
NGC 6324 Jun 21 2003 12.5" 9mmT6	MF,MS,PATCH,UB,NND,SHISB,R=G	Galaxy S?	VF,S,E,S*S
NGC 6331 May 31 2014 36" 17mmT4 Jun 21 2003 12.5" 9mmT6	MF,MS,OVAL,FLNUC,V CLOSE COMP=MAC,CAN SEP,AGC 2256,R=F DIF,PF,MS,PATCH,UB,NND,OTHERS PRESENT,R=P	Galaxy E	EF,S

Ursa Minor - The Little Bear

PGC 47875			Galaxy Sab
Feb 05 2005 31"	17mmT4	MF,PS,OVAL,PATCH,UB,NND,R=F	
PGC 48793			Galaxy C
Feb 05 2005 31"	17mmT4	VF,VS,PATCH,UB,NND,R=P	
PGC 48867			Galaxy Sb
Feb 05 2005 31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,PAIR=IC945,R=F	
PGC 49217			Galaxy
May 16 2004 31"	17mmT4	VF,VS,PATCH,NND,PAIR=MAC,R=P	
PGC 55378			Galaxy Sbc
Apr 23 2003 12.5"	9mmT6	DIF,PF,PS,EL,PATCH,UB,NND,R=P	
PGC 55677			Galaxy Sc
Apr 23 2003 12.5"	9mmT6	VDIF,EF,ES,PATCH,AV,R=P	
PGC 58856			Galaxy S
Jul 24 2006 31"	17mmT4	EDIF,EF,ES,PATCH,AV,SUSP,PAIRS=PGC'S,R=P	
PGC 58861			Galaxy S
Jul 24 2006 31"	17mmT4	DIF,VF,VS,PATCH,UB,AV,PAIRS=PGC'S,R=P	
PGC 58873			Galaxy S
Jul 24 2006 31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,PAIRS=PGC'S,R=P	
PGC 58877			Galaxy S0?
Jul 24 2006 31"	17mmT4	VF,PS,OVAL,PATCH,VFSNUC,V CLOSE INTRACT SUSP=PGC58881,R=F	
PGC 58881			Galaxy S
Jul 24 2006 31"	17mmT4	EF,ES,OVAL,PATCH,AV,SUSP,V CLOSE INTRACT SUSP,CANNOT SEP,R=P	
PGC 58884			Galaxy S
Jul 24 2006 31"	17mmT4	PF,PS,OVAL,PTACH,UB,NND,VF* IN EDGE OF GLXY,PAIRS=PGC'S,R=F	
PGC 58953			Galaxy S
May 31 2014 36"	17mmT4	PF,PS,EL,BSNUC,ALM * NUC,F* OFF NUC,AGC 2247,R=P	
PGC 59011			Galaxy S
Jun 22 2003 12.5"	9mmT6	VDIF,VF,VS,UB,NND,AV HOLDS,B* CLOSE BY,R=P	
PGC 59120			Galaxy
May 31 2014 36"	17mmT4	PF,PS,OVAL,UB,NND,AGC 2247,R=P	
PGC 59122			Galaxy
May 31 2014 36"	17mmT4	MF,MS,OVAL,UB,NND,AGC 2247,R=F	

Ursa Minor - The Little Bear

PGC 59143		Galaxy E
May 31 2014 36"	17mmT4	MF,MS,OVAL,UB,NND,AGC 2247,R=P
PGC 59157		Galaxy Chain
May 31 2014 36"	17mmT4	VF,VS,EL,UB,NND,2 VF* IN GLXY,AGC 2247,R=P
PGC 59174		Galaxy
May 31 2014 36"	17mmT4	PF,PS,OVAL,NND,SHISB,ON BOUNDARY OF AGC 2247,PAIRS=MANY OTHERS,R=F
PGC 59179		Galaxy E
May 31 2014 36"	17mmT4	PF,PS,OVAL,NND,ON BOUNDARY OF AGC 2247,PAIRS=MANY OTHERS,R=F
PGC 59211		Galaxy L
May 31 2014 36"	17mmT4	PF,PS,OVAL,NND,SHISB,ON BOUNDARY OF AGC 2247,PAIRS=MANY OTHERS,R=F
PGC 59212		Galaxy E
May 31 2014 36"	17mmT4	VF,VS,OVAL,NND,ON BOUNDARY OF AGC 2247,PAIRS=MANY OTHERS,TOUCH=MAC,R=FG
PGC 59443		Galaxy
May 31 2014 36"	17mmT4	VF,VS,EL,PATCH,NND,AGC 2256,R=F
PGC 59458		Galaxy S
May 31 2014 36"	17mmT4	MF,MS,OVAL,UB,NND,AGC 2256,R=F
PGC 59480		Galaxy
May 31 2014 36"	17mmT4	MF,PS,OVAL,FLNUC,AGC 2256,R=F
PGC 59523		Galaxy
May 31 2014 36"	17mmT4	PF,ES,PATCH,NND,V CLOSE TOF*,AGC 2256,R=PF
PGC 59530		Galaxy
May 31 2014 36"	17mmT4	EF,ES,PATCH,AV HOLDS,AGC 2256,R=P
PGC 59539		Galaxy L
May 31 2014 36"	17mmT4	PF,PS,EL,NND,V CLOSE TO *,AGC 2256,R=F
Jun 21 2003 12.5"	9mmT6	VDIF,VF,PS,OVAL,PATCH,UB,NND,COMP=PGC59545,PAIR=6311,R=F
PGC 59545		Galaxy E
May 31 2014 36"	17mmT4	MF,MS,OVAL,NND,AGC 2256,R=F
Jun 21 2003 12.5"	9mmT6	VDIF,VF,MS,OVAL,PATCH,UB,NND,COMP=PGC59539,PAIR=6311,R=P
PGC 59563		Galaxy E
May 31 2014 36"	17mmT4	PF,PS,EL-OVAL,PATCH,UB,NND,AGC 2256,R=F
PGC 59584		Galaxy S
May 31 2014 36"	17mmT4	VF,VS,OVAL,UB,NND,AGC 2256,R=PF

Ursa Minor - The Little Bear

PGC 59590

May 31 2014 36" 17mmT4 PF,PS,PATCH,NND,AGC 2256,R=F

Galaxy

PGC 59693

May 31 2014 36" 17mmT4 EF,VS,PTCH,AV,AGC 2256,R=P

Galaxy

QSO 1458+718

Apr 14 2004 31" 17mmT4 EF,VS,PATCH,*NUC,QUASAR,R=P

Galaxy Quasar