

ARP Peculiar Galaxies

ARP 5

NGC 3664 Leo Galaxy SB(s)m pec PF,BIN
 Mar 17 2010 12" 11mmT6 VF,VS,OVAL,NND,AV,R=F

ARP 6

NGC 2537 Lyn H55-4 Galaxy SB(s)m pec GCL,PB,PL,R,RRR,ST20
 Dec 04 2004 8" 7.5mmW MF,R,NND,AV,R=F

ARP 12

NGC 2608 Cnc H318-2 Galaxy SB(s)b: F,VLE,MBM,R
 Mar 20 2007 8" 11mmT6 PF,VS,OVAL,NND,AV,R=F

ARP 13

NGC 7448 Peg H251-2 Galaxy SA(rs)bc PB,L,E173,VGBM,*F2'
 Sep 12 2004 8" 11mmT6 F,EL,OVAL,NND,AV,F
 Aug 21 2004 8" 11mmT6 CLEAR SKIES - H.H. LITE. 1ST REAL TEST

ARP 15

NGC 7393 Aqr H453-2 Galaxy SB(rs)c pec VF,PL,LE,VGBM,R
 Sep 13 2007 31" 17mmT4 PF,PS,EON,UB,NND,R=F

ARP 16

NGC 3627 Leo M66 Galaxy SAB(s)b B,VL,ME150,MBM,2*NP
 Mar 16 2012 18" 17mmAT 2012 M.M.
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES
 Mar 08 2010 12" 11mmT6 M.M. 2010 MANUAL SETTING CIRCLES
 Mar 20 2009 16" 26mm MESSIER MARATHON - 2009
 Apr 15 2007 31" 32mmUW VB,PL,EL,OVAL,BNUC,HISB,R=G
 Mar 10 2007 1.9" 12x50 B,PL,OVAL,NND,R=G
 Mar 19 2006 8" 19mmW PB,PL,EL,OVAL,BNUC,R=G
 Apr 04 2005 8" 11mmT6 VB,ML,EL,EON,NUC,HISB,R=E
 May 12 2004 8" 25mmPL L.P. LOUSY-MAG. 9.5 TOPS! MSV5
 Mar 19 2004 8" 25mmPL 2004 MESSIER MARATHON - ARGO NAVIS
 Feb 25 2004 8" 25mmPL 1ST. QTR.

ARP 17

PGC 21685 Cam Galaxy S
 Dec 20 2006 31" 17mmT4 VF,VS,OVAL,NND,AV,R=F
 PGC 21693 Cam Galaxy SB?
 Dec 20 2006 31" 17mmT4 VF,VS,OVAL,NND,AV,R=F

ARP 18

NGC 4088 UMa H206-1 Galaxy SAB(rs)bc B,CL,E55,LBM
 Mar 18 2007 8" 11mmT6 PF,L,EON,UB,NND,R=F

ARP 22

NGC 4027 Crv H296-2 Galaxy SB(s)dm GCL,PF,PL,R,RR,ST16
 Apr 07 2008 31" 17mmT4 PB,PS,R,UB,FNUC,MSB,R=G
 Mar 29 2006 8" 11mmT6 PF,PS,R,NND,AV,R=F
 NGC 4027A Crv Galaxy IB(s)m:
 Apr 07 2008 31" 17mmT4 VF,VS,R,NND,AV,R=F

ARP 23

NGC 4618 CVn H178-1 Galaxy SB(rs)m B,L,E,MBM,CVDBRANCHN
 Apr 14 2010 16" 11mmT6 PF,PS,R,NND,R=F
 Apr 06 2010 12" 11mmT6 DIFF,PF,PS,R,NND,R=F
 Mar 29 2006 8" 11mmT6 PF,PS,OVAL,NND,AV,R=F

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ARP 23

NGC 4625 CVn H660-2 Galaxy SAB(rs)m pec PF,S,R
 Apr 14 2010 16" 11mmT6 PF,PS,R,UB,NND,R=F
 Apr 06 2010 12" 11mmT6 PF,CS,OVAL,NND,AV,R=P

ARP 25

NGC 2276 Cep Galaxy SAB(rs)c F,60",LBM
 May 22 2004 8" 25mmPL DECENT NIGHT - MEGASTAR CONTROL

ARP 26

NGC 5457 UMa M101 Galaxy SAB(rs)cd PB,VL,IR,G,VSMBMSN 4
 Mar 16 2012 18" 17mmAT 2012 M.M.
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES
 Mar 08 2010 12" 26mm M.M. 2010 MANUAL SETTING CIRCLES
 Mar 20 2009 16" 26mm MESSIER MARATHON - 2009
 Aug 20 2006 1.9" 12x50 F,S,OVAL,NND,R=F
 Mar 26 2006 8" 19mmW F,L,OVAL,NND,R=F
 Mar 19 2004 8" 25mmPL 2004 MESSIER MARATHON - ARGO NAVIS
 Mar 13 2004 8" 25mmPL COMPUTER = ARGO NAVIS
 Mar 10 2004 8" 25mmPL N/M, NO COMPUTER
 NGC 5474 UMa H214-1 Galaxy S(c) PB,L,BM
 Mar 18 2007 8" 11mmT6 VF,PS,R,NND,AV,R=F

ARP 27

NGC 3631 UMa H226-1 Galaxy SA(s)c PB,L,R,SVMBMRN
 Mar 17 2007 8" 11mmT6 B,PL,R,FNUC,R=G

ARP 28

NGC 7678 Peg H226-2 Galaxy SAB(rs)c VF,PL,VLE,LBM,AM4ST
 Aug 25 2009 16" 11mmT6 CF,CS,OVAL,NND,R=F
 Sep 04 2005 8" 7.5mmW VF,VS,OVAL,NND,R=F

ARP 29

NGC 6946 Cep H76-4 Galaxy SAB(rs)cd VF,VL,VG,VSBM,RR
 Aug 31 2010 12" 7mmTV DIFF,PF,S,OVAL,MEXT,UB,NND,R=G. PA=180
 Nov 03 2004 8" 11mmT6 MB,OVAL,NND,MSB,R=G
 Oct 10 2004 8" 11mmT6 MF,OVAL,PATCH,NND,R=F

ARP 37

NGC 1068 Cet M77 Galaxy (R)SA(rs)b VB,PL,IR,SBMRRN
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES
 Mar 08 2010 12" 11mmT6 M.M. 2010 MANUAL SETTING CIRCLES
 Nov 13 2007 8" 11mmT6 PB,L,OVAL,BNUC,HISB,R=G
 Oct 29 2006 1.9" 12x50 PF,PS,OVA,NND,R=F
 Mar 19 2006 8" 19mmW B,FL,OVAL,FNUC,MSB,R=F
 Mar 19 2004 8" 25mmPL 2004 MESSIER MARATHON - ARGO NAVIS

ARP 38

NGC 6412 Dra H41-6 Galaxy SA(s)c GCL,CL,R,VGBM,RR
 Sep 05 2010 12" 5.5mmN DIFF,PF,PS,OVAL,NND,R=F,PA=170

ARP 41

NGC 1232 Eri H258-2 Galaxy SAB(rs)c PB,CL,R,GBM,R
 Jan 26 2006 8" 11mmT6 DIFF,VF,ML,R,NND,R=F

ARP 43

IC 607 Leo Galaxy SB(rs)bc

ARP Peculiar Galaxies

ARP 43

IC 607 Leo Galaxy SB(rs)bc
 Apr 19 2006 31" 19mmW DIFF,PF,PL,OVAL,NND,R=F

ARP 65

NGC 91 And Galaxy S VF,VS,*13SP
 Nov 08 2010 12" 5.5mmN VF,CS,EON,UB,NND,AV3,R=F

NGC 93 And Galaxy S? VF,VS
 Nov 08 2010 12" 5.5mmN VF,CS,OVAL,UB,NND,AV2,R=F

ARP 72

NGC 5996 Ser H97-2 Galaxy S? PF,CS,R,R,BET 2D*
 May 30 2011 12" 7mm TV PF,PS,OVAL,UB,NND,R=F

ARP 76

IC 3583 Vir Galaxy IBm
 May 18 2007 31" 17mmT4 PF,PL,EL,OVAL,NND,R=F

NGC 4569 Vir M90 Galaxy SAB(rs)ab PL,BMN

Mar 16 2012 18" 17mmAT 2012 M.M.
 Mar 16 2012 18" 17mmAT 2012 M.M.
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES
 Mar 08 2010 12" 11mmT6 M.M. 2010 MANUAL SETTING CIRCLES
 Mar 20 2009 16" 26mm MESSIER MARATHON - 2009
 May 18 2007 31" 17mmT4 EB,EL,EL,OVAL,BNUC,HISB,R=E
 May 06 2007 1.9" 12x50 PB,PS,OVAL,NND,R=G
 Mar 26 2006 8" 19mmW F,L,EON,NND,R=F
 Mar 19 2004 8" 25mmPL 2004 MESSIER MARATHON - ARGO NAVIS

ARP 77

NGC 1097 For H48-5 Galaxy SB(s)b VB,L,VME151,VBMN
 Nov 21 2006 8" 11mmT6 F,L,OVAL,FNUC,R=F

ARP 78

NGC 772 Ari H112-1 Galaxy SA(s)b B,CL,R,GBM,R
 Dec 04 2004 8" 11mmT6 MB,EL,OVAL,NND,MSB,R=G
 Nov 03 2004 8" 11mmT6 MF,EL,OVAL,NND,R=F

ARP 79

NGC 5490C Boo Galaxy SB(s)bc
 May 22 2006 31" 19mmW F,CS,OVAL,NND,R=F
 May 22 2006 31" 19mmW PB,PS,OVAL,FNUC,R=G

ARP 82

NGC 2535 Cnc Galaxy SA(r)c pec EF,VS,R
 Mar 15 2005 8" 11mmT6 VF,MS,EON,OVAL,NND,AV.R=F

ARP 85

NGC 5194 CVn M51 Galaxy SA(s)bc pec GREAT SPIRAL NEBULA
 Mar 16 2012 18" 17mmAT 2012 M.M.
 Jul 04 2011 12" 7mm TV SUPERNOVE SEEN, REMARKABLE ARM STRUCTURE, R=GREAT
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES
 Mar 08 2010 12" 26mm M.M. 2010 MANUAL SETTING CIRCLES
 Mar 20 2009 16" 26mm MESSIER MARATHON - 2009
 Jan 11 2007 1.9" 12x50 VB,PL,OVAL,BNUC,R=G
 Mar 26 2006 8" 19mmW VB,PL,OVAL,BNUC,R=G
 Apr 08 2005 31" 28mm VB,VL,OVAL,BNUC,R=E!!

ARP Peculiar Galaxies

ARP 85

NGC 5194	CVn	M51	Galaxy SA(s)bc pec	GREAT SPIRAL NEBULA
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Dec 30 2003 8"	25mmPL	H/M COLD		
NGC 5195	CVn	H186-1	Galaxy I0 pec	B,PS,LE,VGBM,INV-M51
Apr 26 2006 8"	11mmT6	PB,L,OVAL,FNUC,MSB,R=G		
Apr 16 2004 8"	25mmPL	CLEAR - MEGASTAR CONTROL		

ARP 86

NGC 7753	Peg	H213-2	Galaxy SAB(rs)bc	CF,CL,VLE,VGLBM,R
Sep 05 2010 12"	7mm TV	CF,PS,OVAL,UB,NND,R=F,PA=100		

ARP 89

NGC 2648	Cnc	H49-3	Galaxy Sa	F,S,VLE135,PSBM
Apr 05 2005 8"	11mmT6	VF,VS,EL,NND,AV,R=F		

ARP 91

NGC 5953	Ser	H178-2	Galaxy SAa: pec	PB,CS,P OF D NEB
May 30 2011 12"	7mm TV	PF,PS,R,UB,NND,R=F		
NGC 5954	Ser	H179-2	Galaxy SAB(rs)cd: pec	PB,CS,F OF D NEB
May 30 2011 12"	7mm TV	PF,CS,OVAL,PEXT,UB,NND,R=F		

ARP 93

NGC 7284	Aqr	H469-2	Galaxy SB(s)0^ pec	CF,CS,LE,R,D*INV
Sep 05 2007 8"	11mmT6	VF,VS,R,NND,AV,R=F		
NGC 7285	Aqr		Galaxy SB(rs)a pec	NEB*1'DIST FROM7284
Sep 05 2007 8"	11mmT6	VF,VS,R,NND,AV,R=F		

ARP 94

NGC 3226	Leo	H28-2	Galaxy E2: pec	PB,CL,R,DW/3227
Apr 26 2006 8"	11mmT6	PF,PS,OVAL,NND,R=F		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
NGC 3227	Leo	H29-2	Galaxy SAB(s)a pec	PB,CL,R,DW/3226
Apr 26 2006 8"	11mmT6	F,S,EL,R,NND,R=F		
Mar 23 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		

ARP 99

NGC 7549	Peg		Galaxy SB(s)cd pec	PF,PS,R,*10,11P
Sep 09 2010 12"	5.5mmN	VF,CS,EON,NND,AV,=P,PA=45		
NGC 7550	Peg	H181-3	Galaxy SA0-	CF,S,R
Aug 25 2009 16"	11mmT6	CF,CS,R,UB,NND,R=F		
Aug 12 2005 8"	11mmT6	VF,VS,R,NND,AV,R=F		

ARP 103

PGC 59061	Her		Galaxy Sa	
Jul 16 2009 16"	17mmT4	CF,PS,R,UB,NND,R=F		
PGC 59062	Her		Galaxy S0 pec:	
Jul 16 2009 16"	17mmT4	VF,CS,OVAL,NND,AV,R=F		

ARP 112

NGC 7805	Peg	H855-3	Galaxy SAB0^: pec	EF,S,R,SBM,SP OF 2
Nov 02 2005 31"	19mmW	PB,PL,OVAL,FNUC,MSB,R=G		
NGC 7806	Peg	H856-3	Galaxy SA(rs)bc? pec	EF,S,R,NF OF 2,STELL
Nov 02 2005 31"	19mmW	PB,PL,EL,OVAL,FNUC,MSB,R=G		

ARP Peculiar Galaxies

ARP 114

NGC 2276 Cep Galaxy SAB(rs)c F,60",LBM
 May 22 2004 8" 25mmPL DECENT NIGHT - MEGASTAR CONTROL

NGC 2300 Cep Galaxy SA0^ PB,PL,LE,BM
 Aug 21 2004 8" 11mmT6 CLEAR SKIES - H.H. LITE. 1ST REAL TEST

ARP 116

NGC 4647 Vir H44-3 Galaxy SAB(rs)c PF,PL,LE115,NPOFDNEB
 Apr 08 2005 8" 11mmT6 MB,MS,OVAL,NND,R=G

Mar 13 2004 8" 25mmPL COMPUTER = ARGO NAVIS

NGC 4649 Vir M60 Galaxy E2 VB,PL,R,FOF DNEB
 Mar 16 2012 18" 17mmAT 2012 M.M.

Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES

Mar 08 2010 12" 11mmT6 M.M. 2010 MANUAL SETTING CIRCLES

Mar 20 2009 16" 26mm MESSIER MARATHON - 2009

Mar 10 2007 1.9" 12x50 B,PS,R,FNUC,R=G

Mar 26 2006 8" 19mmW F,L,OVAL,NND,R=F

Mar 19 2004 8" 25mmPL 2004 MESSIER MARATHON - ARGO NAVIS

Mar 13 2004 8" 25mmPL COMPUTER = ARGO NAVIS

ARP 117

IC 982 Boo Galaxy SA0+
 May 22 2006 31" 19mmW F,CS,R,NND,R=F

IC 983 Boo Galaxy SB(r)bc
 May 22 2006 31" 19mmW VF,PL,OVAL,PATCHY,NND,R=F

ARP 120

NGC 4435 Vir H28-1 Galaxy SB(s)0^ VB,CL,R,NP OF 2
 Apr 26 2006 8" 11mmT6 B,S,R,FNUC,MSB,R=G

Apr 14 2004 8" 25mmPL CLEAR NIGHT - MEGASTAR CONTROL

Mar 13 2004 8" 25mmPL COMPUTER = ARGO NAVIS

NGC 4438 Vir H28-1 Galaxy SA(s)0/a pec: B,CL,VLE,R,SF OF 2

Apr 26 2006 8" 11mmT6 F,PL,EL,OVAL,NND,R=F

Apr 14 2004 8" 25mmPL CLEAR NIGHT - MEGASTAR CONTROL

Mar 13 2004 8" 25mmPL COMPUTER = ARGO NAVIS

ARP 123

NGC 1888 Lep H289-2 Galaxy SB(s)c pec PB,PL,R,R
 Nov 22 2006 8" 11mmT6 PF,S,EL,OVAL,R=F

ARP 124

NGC 6361 Dra Galaxy SAb: sp VF,PS,ME,NEAR BET 2*
 Sep 05 2010 12" 5.5mmN CF,CS,EON,UB,NND,R=F,PA=95

ARP 127

NGC 191 Cet H479-2 Galaxy SAB(rs)c: pec PB,PL,IE0,
 Nov 28 2010 12" 7mmTV CF,CS,R,UB,NND,R=F

ARP 134

NGC 4472 Vir M49 Galaxy E2 VB,L,R,MBM,R
 Mar 16 2012 18" 17mmAT 2012 M.M.

Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES

Mar 08 2010 12" 11mmT6 M.M. 2010 MANUAL SETTING CIRCLES

Mar 20 2009 16" 26mm MESSIER MARATHON - 2009

May 14 2007 31" 17mmT4 B,CL,OVAL,BNUC,HISB,R=G

ARP Peculiar Galaxies

ARP 134

NGC 4472	Vir	M49	Galaxy E2	VB,L,R,MBM,R
May 06 2007 1.9"	12x50	PB,PS,OVAL,NND,R=G		
Mar 26 2006 8"	19mmW	B,L,OVAL,BNUC,HISB,R=G		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		

ARP 135

NGC 1023	Per	H156-1	Galaxy SB(rs)0-	VB,VL,VME,VVMBM
Sep 09 2010 12"	17mmAT	B,S,EON,BNUC,R=G,PA=165		
Oct 10 2004 8"	11mmT6	MB,EL,RNUC,R=G		

ARP 140

NGC 274	Cet	H429-3	Galaxy SAB(r)0- pec	PB,PS,SMBM,NP OF2
Nov 28 2010 12"	7mm TV	PF,PS,R,FNUC,R=F,PAIRED W/NGC-275		
NGC 275	Cet		Galaxy SB(rs)cd pec	VF,S,R,SF OF 2
Nov 28 2010 12"	7mm TV	PF,PS,OVAL,UB,NND,R=F,PAIRED W/NGC-274		

ARP 141

PGC 20460	Cam		Galaxy Ring	
Dec 20 2006 31"	17mmT4	CB,PS,E,OVAL,FNUC,R=F		

ARP 152

NGC 4486	Vir	M87	Galaxy E+0-1 pec	VB,VL,R,MBM,3RD OF 3
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
Mar 10 2007 1.9"	12x50	PF,S,OVAL,R=F		
Mar 26 2006 8"	19mmW	B,LLARGER,FNUC,R=G		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Mar 13 2004 8"	25mmPL	COMPUTER = ARGO NAVIS		

ARP 153

NGC 5128	Cen		Galaxy S0 pec	VB,VL,VME122,BIFID
Mar 21 2009 31"	17mmT4	DIFF,VL,VF,NND,LSB,R=F		

ARP 157

NGC 520	Psc	H253-3	Galaxy Pec	F,CL,E137
Oct 09 2007 8"	11mmT6	PB,PL,EL,OVAL,NND,R=F		

ARP 158

NGC 523	And	H170-3	Galaxy Pec	DNEB,VF,VS,DIST30"
Nov 08 2010 12"	5.5mmN	CF,CS,EON,UB,NND,AV1,R=F		

ARP 161

PGC 36325	Vir		Galaxy Pec	
May 18 2007 31"	17mmT4	VF,S,R,NND,R=F		

ARP 162

NGC 3414	LMi	H362-2	Galaxy S0 pec	B,PL,R,MBM
Mar 04 2006 8"	11mmT6	MB,FS,OVAL,FNUC,R=G		

ARP 166

NGC 750	Tri	H222-2	Galaxy E pec	CB,PL,R,DW/751,25"
Nov 09 2004 8"	11mmT6	VF,EL,OVAL,NND,AV,R=F		
NGC 751	Tri		Galaxy E pec	PF,ES,R,BM,DW/750
Nov 09 2004 8"	11mmT6	VF,OVAL,NND,AV,R=F		

ARP Peculiar Galaxies

ARP 167

NGC 2672	Cnc	H48-2	Galaxy E1-2	PB,PL,IR,MBM
Mar 20 2007 8"	11mmT6	VF,VS,R,NND,AV,R=F		
Mar 15 2005 8"	11mmT6	MF,ML,OVAL,PATCH,NND,R=F		
NGC 2673	Cnc		Galaxy E0 pec	VF,VS,CLOSE F2672
Mar 17 2010 12"	11mmT6	PF,PS,R,UB,NND,R=F		

ARP 168

NGC 221	And	M32	Galaxy cE2	VVB,L,R,PSMBMN
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Aug 31 2010 12"	17mmAT	NIGHT ENDING EYE CANDY		
Mar 08 2010 12"	32mmUW	M.M. 2010 MANUAL SETTING CIRCLES		
Dec 16 2009 12"	20mmUW			
Mar 20 2009 1.9"	12x50	MESSIER MARATHON - 2009		
Oct 29 2008 16"	20mmUW	LARGE,BRIGHT,R=E		
Oct 29 2006 8"	19mmW	F,VS,OVAL,UB,NND,R=G		
Aug 20 2006 1.9"	12x50	B,S,OVAL,NND,R=F		
Mar 19 2006 8"	25mmPL	B,S,OVAL,OVAL,R,ND,R=F		
Oct 27 2004 31"	31mmT5	VB,ML,EL,HISB,R=E, LUNAR ECLIPSE		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Dec 26 2003 8"	25mmPL	Q/M COLD		

ARP 169

NGC 7236	Peg		Galaxy SA0-	VF,S,STELLAR
Oct 23 2008 31"	17mmT4	CF,CS,R,FNUC,R=F		
NGC 7237	Peg		Galaxy SA0-	VF,S,STELLAR
Oct 23 2008 31"	17mmT4	F,S,R,UB,NND,R=F		

ARP 175

IC 3481	Vir		Galaxy SAB0-: pec	
May 18 2007 31"	17mmT4	PB,PS,OVAL,UB,NND,R=F		
IC 3481A	Vir		Galaxy E pec:	
May 18 2007 31"	17mmT4	CF,VS,R,NND,AV,R=F		
IC 3483	Vir		Galaxy SAB(s)b pec:	
May 18 2007 31"	17mmT4	PF,PS,OVAL,UB,NND,R=F		

ARP 176

NGC 4933A	Vir		Galaxy S0/a pec	
May 18 2007 31"	17mmT4	CB,PL,OVAL,BNUC,HISB,R=G		
NGC 4933B	Vir		Galaxy E pec	
May 18 2007 31"	17mmT4	PB,PS,OVAL,FNUC,MSB,R=G		

ARP 178

NGC 5613	Boo		Galaxy (R)SAB(r)0+	EF,PS,DIF,2'N OF5614
Jun 05 2011 31"	17mmT4	CF,CS,OVAL,MEXT,UB,NND,R=F		
NGC 5614	Boo	H420-2	Galaxy SA(r)ab pec	PB,S,R,SMBM
Jun 05 2011 31"	17mmT4	PF,PS,R,BNUC,R=G		
Apr 26 2009 16"	11mmT6	CF,CS,OVAL,UB,NND,R=F		
Aug 03 2008 8"	11mmT6	VF,VS,R,NND,AV,R=F		

ARP 182

NGC 7674	Peg		Galaxy SA(r)bc pec	F,CS,GBM,P OF 2
Sep 09 2010 12"	5.5mmN	CF,CS,R,UB,NND,R=F		

ARP Peculiar Galaxies

ARP 184

NGC 1961 Cam H747-3 Galaxy SAB(rs)c CF,PL,IF,MBM,ER,*INV
 Nov 03 2004 8" 11mmT6 VF,EL,OVAL,NND,AV,R=F

ARP 185

NGC 6217 UMi H280-1 Galaxy (R)SB(rs)bc B,CL,LE,SLBM
 Mar 18 2007 8" 11mmT6 VF,VS,R,NND,AV,R=F

ARP 192

NGC 3303 Leo H66-3 Galaxy Pec VF,VS,VLE,GLBM,R
 Apr 21 2007 31" 17mmT4 PF,PL,OVAL,UB,NND,R=F

ARP 205

NGC 3448 UMa H233-1 Galaxy I0 B,PL,ME67,GBM
 Apr 09 2010 12" 11mmT6 PF,PS,EON,UB,NND,R=F

ARP 206

NGC 3432 LMi H172-1 Galaxy SB(s)m sp PB,PL,VME40,**NR SP
 Mar 29 2006 8" 11mmT6 F,L,EON,NND,R=F

ARP 212

NGC 7625 Peg H250-2 Galaxy SA(rs)a pec PB,CS,R,SMBM
 Sep 01 2005 8" 7.5mmW VF,VS,R,NND,AV,R=F

ARP 214

NGC 3718 UMa H221-1 Galaxy SB(s)a pec PB,VL,R,VGLBM
 Feb 23 2006 31" 17mmT4 VB,VL,OVAL,BNUC,HISB,R=G

ARP 215

NGC 2782 Lyn H167-1 Galaxy SAB(rs)a pec CB,R,MBMBN
 Mar 13 2007 8" 11mmT6 PF,PS,OVAL,NND,AV,R=F

ARP 216

NGC 7679 Psc Galaxy SB0 pec: PB,S,R,MBMN,STELL
 Oct 09 2007 8" 11mmT6 VF,VS,R,NND,AV,R=F

ARP 217

NGC 3310 UMa H60-4 Galaxy SAB(r)bc pec CB,PL,R,VG,VSMBMBN
 Mar 13 2007 8" 11mmT6 CB,PS,R,FNUC,R=G

ARP 222

NGC 7727 Aqr H111-1 Galaxy SAB(s)a pec PB,PL,IR,MBM
 Oct 06 2004 8" 11mmT6 MB,OVAL,FNUC,R=G

ARP 223

NGC 7585 Aqr H236-2 Galaxy (R')SA(s)0+ pec PB,PS,IR,GBM
 Sep 05 2007 8" 11mmT6 PF,PS,OVAL,FNUC,R=F

ARP 225

NGC 2655 Cam H288-1 Galaxy SAB(s)0/a VB,CL,LE90,GSVMBM
 Oct 06 2004 8" 7.5mmW MB,EL,EON,FNUC,R=G

ARP 226

NGC 7252 Aqr H458-3 Galaxy (R)SA(r)0^: F,S,R,ER
 Sep 05 2007 8" 11mmT6 PF,PS,OVAL,NND,AV,R=F

ARP 227

NGC 470 Psc H250-3 Galaxy SA(rs)b PB,L,IR
 Oct 09 2007 8" 11mmT6 PB,PS,OVAL,NND,R=F
 NGC 474 Psc H251-3 Galaxy SA(s)0^ PB,S,SMBM,F OF 2
 Oct 09 2007 8" 11mmT6 PF,PL,R,NND,R=F

229

ARP Peculiar Galaxies

ARP 229

NGC 507	Psc	H159-3	Galaxy SA(r)0 [^]	VF,PL,R,BM,S OF 2
Oct 30 2005 31"	17mmT4	VB,VL,R,FNUC,MSB,R=G		
NGC 508	Psc	H160-3	Galaxy E0:	VF,S,N OF 2
Oct 30 2005 31"	17mmT4	VB,VL,R,FNUC,MSB,R=G		

ARP 232

NGC 2911	Leo	H40-2	Galaxy SA(s)0: pec	F,PL,R,GBM,P OF 2
Mar 16 2010 12"	11mmT6	CF,CS,OVAL,UB,NND,R=F		

ARP 235

NGC 14	Peg	H591-2	Galaxy (R)IB(s)m pec	VF,PS,R,GLBM
Oct 30 2008 16"	17mmT4	F,VS,R,NND,R=F		
Oct 06 2004 8"	11mmT6	EF,EL,EON,NND,AV,R=F		

ARP 244

NGC 4038	Crv	H28.1-4	Galaxy SB(s)m pec	PB,CL,R,VGBM
Apr 19 2007 31"	17mmT4	PB,CL,OVAL,UB,NND,R=G		
Apr 13 2005 8"	7.5mmW	VF,VS,NND,AV,R=F		
NGC 4039	Crv	H28.2-4	Galaxy SA(s)m pec	PF,PL
Apr 19 2007 31"	17mmT4	PB,CL,OVAL,UB,NND,R=G		
Apr 13 2005 8"	7.5mmW	VF,VS,NND,AV,R=F		

ARP 245

NGC 2992	Hya	H277-3	Galaxy Sa pec	CF,S,R,BM,STEL,P OF2
Apr 08 2005 8"	7.5mmW	VF,VS,EL,EON,NND,AV,R=F		
NGC 2993	Hya	H278-3	Galaxy Sa pec	CF,S,R,BM,STEL,F OF2
Apr 08 2005 8"	7.5mmW	VF,VS,OVAL,NND,AV,R=F		

ARP 248

PGC 36723	Vir		Galaxy SAB(rs)b? pec	
May 18 2007 31"	17mmT4	PF,PS,OVAL,NND,R=P		
PGC 36733	Vir		Galaxy SB(s)b: pec	
May 18 2007 31"	17mmT4	PB,PS,EL,OVAL,NND,R=F		
PGC 36742	Vir		Galaxy SB(s)c pec	
May 18 2007 31"	17mmT4	VF,VS,OVAL,NND,AV,R=F		

ARP 258

PGC 10044	Ari		Galaxy IB(s)m pec	
Oct 25 2006 31"	17mmT4	PF,PS,OVAL,NND,R=F		
PGC 10046	Ari		Galaxy SB0/a: sp	
Oct 25 2006 31"	17mmT4	PB,S,EON,FNUC,R=G		

ARP 263

NGC 3239	Leo	H10-4	Galaxy IB(s)m pec	VF,*9INV NR M
Apr 21 2007 31"	17mmT4	DIFF,PF,CL,OVAL,NND,R=F		

ARP 266

NGC 4861	CVn	H30-4	Galaxy SB(s)m:	VF,PL,VME30,BET2ST
Apr 06 2010 12"	11mmT6	PF,PS,EON,NND,AV,R=F		

ARP 269

NGC 4485	CVn	H197-1	Galaxy IB(s)m pec	B,PS,IR,NP OF 2
Mar 29 2006 8"	11mmT6	PF,PS,R,NND,R=F		
NGC 4490	CVn	H198-1	Galaxy SB(s)d pec	VB,VL,ME130,R,SF OF2
Mar 29 2006 8"	11mmT6	F,S,OVAL,FNUC,R=F		
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		

ARP Peculiar Galaxies

ARP 270

NGC 3395 LMi H116-1 Galaxy SAB(rs)cd pec: CB,PS,ILE,1ST OF 2
 Mar 29 2006 8" 11mmT6 PF,PS,EL,OVAL,NND,R=F
 Mar 04 2006 8" 11mmT6 VF,VS,R,NND,R=F

NGC 3396 LMi H117-1 Galaxy IBm pec PB,PS,ILE,2ND OF 2
 Mar 29 2006 8" 11mmT6 PF,VS,R,NND,R=F
 Mar 04 2006 8" 11mmT6 VF,PS,OVAL,NND,R=F

ARP 271

NGC 5426 Vir H309-2 Galaxy SA(s)c pec PF,CL,R,GMBM,SP OF 2
 Apr 09 2008 8" 11mmT6 VF,VS,OVAL,NND,AV,R=F

ARP 274

NGC 5679A Vir Galaxy Sc
 Apr 29 2006 31" 19mmW VF,VS,OVAL,NND,AV,R=F

ARP 277

NGC 4809 Vir Galaxy Im pec F,DNEB W/4810
 May 18 2007 31" 17mmT4 CF,PL,EON,NND,R=F
 NGC 4810 Vir Galaxy Im pec F,DNEB W/4809
 May 18 2007 31" 17mmT4 PF,PS,OVAL,NND,R=F

ARP 278

NGC 7253A Peg Galaxy SB? VF,PE
 Oct 23 2008 31" 17mmT4 CF,CS,EON,UB,NND,R=F
 NGC 7253B Peg Galaxy S?
 Oct 23 2008 31" 17mmT4 F,CS,EON,NND,R=F

ARP 281

NGC 4627 CVn H659-2 Galaxy E4 pec F,S,R,NP OF 2
 May 04 2005 8" 19mmW MF,VS,OVAL,NND,R=F
 NGC 4631 CVn H42-5 Galaxy SB(s)d sp VB,VL,EE70,BMN,*ATTN
 May 04 2005 8" 19mmW MB,ML,EL,EON,FNUC,R=G

ARP 282

NGC 169 And Galaxy SA(s)ab: sp F,PL,D ORBIN,*6NF4'
 Oct 17 2004 8" 7.5mmW VF,EL,NND,AV,R=F

ARP 286

NGC 5560 Vir H579-2 Galaxy SB(s)b pec PF,CL,E,GBM
 Apr 28 2006 31" 19mmW B,PL,EON,UB,NND,R=F
 NGC 5566 Vir H144-1 Galaxy SB(r)ab B,PL,R,PSBM,R,*F1.5'
 Apr 28 2006 31" 19mmW CB,CL,EON,BNUC,HISB,R=G
 May 22 2004 8" 25mmPL DECENT NIGHT - MEGASTAR CONTROL

ARP 297

NGC 5753 Boo Galaxy F,BM,NP5754
 Jun 05 2011 31" 17mmT4 PF,PS,R,FNUC,HSB,R=G
 NGC 5754 Boo H687-3 Galaxy SB(rs)b CF,CS,R,BM
 Jun 05 2011 31" 17mmT4 PF,S,R,FNUC,HSB,R=G

ARP 298

NGC 7469 Peg H230-3 Galaxy (R')SAB(rs)a VF,VS,VSMBM *12
 Sep 19 2004 8" 7.5mmW B,OVAL,NUC,R=G

ARP 304

NGC 1241 Eri H286-2 Galaxy SB(rs)b F,PL,R,VGLBM,*9N
 Jan 26 2006 8" 11mmT6 DIFF,VF,MS,OVAL,NND,R=F

ARP Peculiar Galaxies

ARP 307

NGC 2872	Leo	H57-2	Galaxy E2	PF,PS,R,BM
Mar 08 2010 12"	7.5mmW	CF,CS,R,NND,R=F		
May 13 2007 8"	7.5mmW	VF,VS,R,NND,AV,R=F		

ARP 316

NGC 3187	Leo		Galaxy SB(s)c pec	VF,E
Apr 15 2007 31"	17mmT4	PB,L,EL,OVAL,NND,R=G		
NGC 3190	Leo	H44-2	Galaxy SA(s)a pec sp	B,PS,E,PSBMN
Apr 15 2007 31"	17mmT4	VB,PL,EON,BNUC,HISB,R=G		
Apr 26 2006 8"	11mmT6	F,PS,EL,OVAL,NND,R=F		
Apr 05 2005 8"	11mmT6	MF,ML,EL,EON,FNUC,R=G		
NGC 3193	Leo	H45-2	Galaxy E2	B,S,VLE,PSLBM,*9NF
Apr 15 2007 31"	17mmT4	VB,L,R,BNUC,HISB,R=G		
Apr 26 2006 8"	11mmT6	PF,PS,R,NND,R=F		
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		

ARP 317

NGC 3623	Leo	M65	Galaxy SAB(rs)a	B,VL,ME165,GBMBN
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
Apr 15 2007 31"	32mmUW	VB,VL,EON,BNUC,HISB,R=E		
Mar 10 2007 1.9"	12x50	VF,PS,OVAL,NND,AV,R=F		
Mar 19 2006 8"	19mmW	PB,L,EL,OVAL,FNUC,R=G		
May 12 2004 8"	25mmPL	L.P. LOUSY-MAG. 9.5 TOPS! MSV5		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Feb 25 2004 8"	25mmPL	1ST. QTR.		
NGC 3628	Leo	H8-5	Galaxy Sb pec sp	PB,VL,VME102
Apr 26 2006 8"	11mmT6	PF,CL,EON,NND,R=F		
May 12 2004 8"	25mmPL	L.P. LOUSY-MAG. 9.5 TOPS! MSV5		
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		

ARP 319

NGC 7317	Peg		Galaxy E4	VF,VS
Aug 06 2010 12"	7mm TV	VF,CS,R,NND,AV,R=F		
Oct 06 2004 31"	17mmT4	MB,EL,OVAL,FNUC,R=G		
NGC 7318A	Peg		Galaxy E2 pec	EF,ES
Aug 06 2010 12"	7mm TV	EF,CS,R,NND,R=P		
Oct 06 2004 31"	17mmT4	MB,EL,OVAL,FNUC,R=G		
NGC 7318B	Peg		Galaxy SB(s)bc pec	EF,ES
Aug 06 2010 12"	7mm TV	VF,CS,R,NND,AV,R=P		
Oct 06 2004 31"	17mmT4	MB,EL,OVAL,FNUC,R=G		
NGC 7319	Peg		Galaxy SB(s)bc pec	EF,ES
Aug 06 2010 12"	7mm TV	CF,PS,OVAL,UB,NND,R=F		
Oct 06 2004 31"	17mmT4	MB,EL,OVAL,FNUC,R=G		
NGC 7320	Peg		Galaxy SA(s)d	F,VS
Aug 06 2010 12"	7mm TV	CF,PS,OVAL,UB,NND,R=F		
Oct 06 2004 31"	17mmT4	MB,EL,OVAL,NND,R=G		
Sep 15 2004 8"	7.5mmW	B,EL,FNUC,HISB,R=G		

ARP Peculiar Galaxies

ARP 322

PGC 35609	UMa		Galaxy SB0 pec:
Feb 23 2006 31"	17mmT4	FF,PS,OVAL,NND,R=F	
PGC 35615	UMa		Galaxy SA(s)0/a pec:
Feb 23 2006 31"	17mmT4	PB,FS,R,NND,R=G	
PGC 35618	UMa		Galaxy (R')S0/a pec:
Feb 23 2006 31"	17mmT4	PB,FS,OVAL,FNUC,MSB,R=G	
PGC 35620	UMa		Galaxy Sa pec sp
Feb 23 2006 31"	17mmT4	PB,FS,OVA,FNUC,MSB,R=G	
PGC 35631	UMa		Galaxy S?
Feb 23 2006 31"	17mmT4	PF,PL,EON,NND,R=F	

ARP 333

NGC 1024	Ari	H592-2	Galaxy (R')SA(r)ab	PF,S,LE,BM,*11NF 1'
Sep 04 2005 8"	11mmT6	MF,ML,OVAL,NND,AV,R=F		

ARP 335

NGC 3509	Leo	H598-3	Galaxy SA(s)bc pec	EF,S,(LE)
Apr 19 2007 31"	17mmT4	B,PL,EL,OVAL,FNUC,MHISB,R=G		

ARP 336

NGC 2685	UMa		Galaxy (R)SB0+ pec	PF,R,F*INCENTRE
Mar 04 2006 8"	11mmT6	PF,PS,OVAL,NND,R=F		

ARP 337

NGC 3034	UMa	M82 H79-4	Galaxy I0 sp	VB,VL,VME(RAY)
Mar 16 2012 18"	17mmAT	2012 M.M.		
Mar 01 2011 12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010 12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
Mar 08 2007 1.9"	12x50	FB,FS,OVAL,NND,R=F		
Aug 20 2006 1.9"	12x50	PB,L,OVAL,FNUC,R=G		
Mar 19 2006 8"	19mmW	PB,PL,EON,FNUC,R=G		
May 04 2005 8"	19mmW	VB,ML,EL,EON,BNUC,VHISB,R=E!		
Apr 14 2004 31"	17mmT4	CLEAR NIGHT - MEGASTAR CONTROL		
Apr 05 2004 8"	25mmPL	FULLMOON - **MEGASTAR CONTROL**		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Feb 28 2004 8"	25mmPL	COMPTER = ARGO NAVIS		
Dec 30 2003 8"	25mmPL	H/M COLD		