

# Hickson Compact Galaxies Observations

## Hickson 1

1A	PGC 1627	And	Galaxy S?
Sep 12 2007	31" 17mmT4	PF,MS,ELONG,PATCH,UB,NND,CLOSE COMP,BARELY SEPERATE,HICKSON 1,R=F	
1B	PGC 1625	And	Galaxy S0?
Sep 12 2007	31" 17mmT4	VF,PS,OVAL,PATCH,UB,NND,CLOSE COMP,BARELY SEPERATE,HICKSON 1,R=P	
1C	PGC 1614	And	Galaxy S?
Sep 12 2007	31" 17mmT4	VF,PS,OVAL,PATCH,UB,NND,HICKSON 1,R=F	
1D	PGC 1618	And	Galaxy L
Sep 12 2007	31" 17mmT4	EF,VS,PATCH,NND,HICKSON 1,R=P	

## Hickson 2

2A	PGC 1921	Psc	Galaxy SB?
Sep 16 2009	31" 17mmT4	MF,MS,PATCH,VERY SMALL FNUC,IRR,WHISPY ARMS,VF* IN OUTER ARM,STR DET,EXCELLENT HICKSON GROUP,R=G	
2B	PGC 1914	Psc	Galaxy S?
Sep 16 2009	31" 17mmT4	MF,PS,R,LARGE BNUC,EXCELLENT HICKSON GROUP,R=F	
2C	PGC 1927	Psc	Galaxy S?
Sep 16 2009	31" 17mmT4	VF,PS,PATCH,UB,NND,AV FIRST THEN HOLDS,EXCELLENT HICKSON GROUP,R=P	
2D	PGC 1934	Psc	Galaxy Sb-c
Sep 16 2009	31" 17mmT4	VF,VS,PATCH,UB,NND,AV FIRST THEN HOLDS,EXCELLENT HICKSON GROUP,R=P	

## Hickson 3

3A	PGC 2045	Cet	Galaxy S?
Sep 16 2009	31" 17mmT4	MF,PS,ELONG,OVAL,UB,NND,HICKSON,R=F	
3B	PGC 2064	Cet	Galaxy S0?
Sep 16 2009	31" 17mmT4	PF,VS,R,SMALL BNUC,HICKSON,R=F	
3C	PGC 2059	Cet	Galaxy S
Sep 16 2009	31" 17mmT4	EF,VS,PATCH,NND,AV COMES AND GOES,HICKSON,R=P	
3D	PGC 2043	Cet	Galaxy E?
Sep 16 2009	31" 17mmT4	PF,VS,R,SMALL BNUC,HICKSON,R=F	

## Hickson 4

4A	PGC 2047	Cet	Galaxy (R')SB(r)bc
Sep 16 2009	31" 17mmT4	MF,MS,OVAL,LARGE BNUC,HICKSON,R=F	
4B	PGC 2046	Cet	Galaxy (R')SB(r)b: pec
Sep 16 2009	31" 17mmT4	EF,VS,PATHC,NND,AV TOOK A WHILE,CAN SEPERATE FROM PGC2057,AV SHOWS ONE OR THE OTHER,HICKSON,R=P	
4C	PGC 2051	Cet	Galaxy S0?
Sep 16 2009	31" 17mmT4	PF,PS,PATHC,NND,HICKSON,R=P	
4D	PGC 2057	Cet	Galaxy E?
Sep 16 2009	31" 17mmT4	EF,VS,PATHC,NND,AV TOOK A WHILE,CAN SEPERATE FROM PGC2057,AV SHOWS ONE OR THE OTHER,HICKSON,R=P	
4E	PGC 2040	Cet	Galaxy S?
Sep 16 2009	31" 17mmT4	VF,PS,PATCH,NND,HICKSON,R=P	

## Hickson 5

5A	NGC 190	Psc	Galaxy Sab	VF,S,LE,SEV*NR SP
Sep 17 2009	31" 12mmT4	PF,PS,OVAL,LARGE FNUC,HICKSON,CAN JUST BARELY SPLIT THE 4,R=F		
5B	PGC 2325	Psc	Galaxy S0?	
Sep 17 2009	31" 12mmT4	PF,PS,OVAL,LARGE FNUC,HICKSON,CAN JUST BARELY SPLIT THE 4,R=P		
5C	PGC 2322	Psc	Galaxy C	
Sep 17 2009	31" 12mmT4	VF,VS,PATCH,UB,NND,HICKSON,CAN JUST BARELY SPLIT THE 4,R=P		
5D	PGC 2326	Psc	Galaxy C	

# Hickson Compact Galaxies Observations

## Hickson 5

5D PGC 2326 Psc Galaxy C  
 Sep 17 2009 31" 12mmT4 EF,VS,PATCH,NOT DET IN 17MM,TOOK AV A WHILE,HOLDS FOR A BIT THEN COMES AND GOES,HICKSON,CAN JUST BARELY SPLIT THE 4,R=P

## Hickson 6

6A PGC 2353 Cet Galaxy S0?  
 Sep 04 2005 31" 17mmT4 PF,VS,OVAL,VERY SMALL FNUC,PAIRS=PGC'S,R=P

6B PGC 2350 Cet Galaxy S?  
 Sep 04 2005 31" 17mmT4 PF,VS,OVAL,SMALL FNUC,CAN JUST BARELY SEPERATE THE TWO,COMP,PAIRS=PGC,R=P

6C PGC 2351 Cet Galaxy E?  
 Sep 04 2005 31" 17mmT4 VF,ES,OVAL,NND,CLOSE COMP,JUST BARELY SEPERATE THE TWO,PAIRS=PGC'S,R=P

6D PGC 2347 Cet Galaxy S  
 Sep 04 2005 31" 17mmT4 EF,ES,SUSP,PAIRS=PGC'S,R=P

## Hickson 7

7A NGC 192 Cet H872-3 Galaxy (R')SB(r)a: F,PS,PME,BM  
 Sep 04 2005 31" 17mmT4 PB,PL,SMALL BNUC,GMBM,HISB MIDDLE,PAIRS=NGC'S,EXCELLENT HICKSON GROUP,R=E

7B NGC 196 Cet H860-2 Galaxy SB0 pec: F,PS,R,PSMBM  
 Sep 04 2005 31" 17mmT4 PB,PL,SMALL BNUC,GMBM,HISB MIDDLE,PAIRS=NGC'S,EXCELLENT HICKSON GROUP,R=E

7C NGC 201 Cet H873-3 Galaxy SAB(r)c VF,CL,E,VGLBM  
 Sep 04 2005 31" 17mmT4 DIF,MB,VL,PATCH,UB,NND,PAIRS=NGC'S,EXCELLENT HICKSON GROUP,R=G

7D NGC 197 Cet Galaxy SB0^ pec EF,S OF196  
 Sep 04 2005 31" 17mmT4 DIF,MF,MS,PATCH,UB,NND,PAIRS=NGC'S,EXCELLENT HICKSON GROUP,R=F

## Hickson 8

8A PGC 2886 And Galaxy S?  
 Sep 12 2007 31" 17mmT4 PF,PS,OVAL,VSMALL FNUC,ALL 4 CAN BE SEPERATED,HICKSON 8,R=F

8B PGC 2888 And Galaxy S?  
 Sep 12 2007 31" 17mmT4 PF,PS,OVAL,VERY SMALL FNUC,ALL 4 CAN BE SEPERATED,HICKSON 8,R=F

8C PGC 2890 And Galaxy S?  
 Sep 12 2007 31" 17mmT4 PF,PS,OVAL,VERY SMALL FNUC,ALL 4 CAN BE SEPERATED,HICKSON 8,R=F

8D PGC 2892 And Galaxy S?  
 Sep 12 2007 31" 17mmT4 VF,VS,OVAL,NND,ALL 4 CAN BE SEPERATED,HICKSON 8,R=P

## Hickson 9

9A PGC 3201 Cet Galaxy S?  
 Sep 04 2005 31" 17mmT4 VF,VS,PATCH,UB,NND,VF\* ON EDGE,PAIRS=PGC'S,R=P

9B PGC 3196 Cet Galaxy S0?  
 Sep 04 2005 31" 17mmT4 EF,VS,STELLAR NUC,PAIRS=PGC'S,AV,R=P

9C PGC 3200 Cet Galaxy S  
 Sep 04 2005 31" 17mmT4 EF,VS,PATCH,AV,PAIRS=PGC'S,R=P

9D PGC 3198 Cet Galaxy S  
 Sep 04 2005 31" 17mmT4 EF,ES,PATCH,PAIRS=PGC'S,SUSP,R=P

## Hickson 10

10A NGC 536 And H171-3 Galaxy SB(r)b PB,PL,GBM,F OF 2  
 Dec 20 2003 31" 17mmT4 PF,ML,EDGE ON,SMALL FNUC,MHISB,B\* IN GAL,PAIR=531,542,R=G

10B NGC 529 And Galaxy S0-: PB,VS,SBM,P OF 2  
 Dec 20 2003 31" 17mmT4 PB,ML,R,LARGE BNUC,MOD HISB MIDDLE,F HALO AROUNDC NUC,PAIR=MAC GAL,R=G

10C NGC 531 And Galaxy SB0/a: F,S,R  
 Dec 20 2003 31" 17mmT4 PF,MS,ELONG,PATCHY CENTER,PAIR=536,542,R=F

10D NGC 542 And Galaxy S? EF,DIFFIC

# Hickson Compact Galaxies Observations

## Hickson 10

10D NGC 542 And Galaxy S? EF,DIFFIC  
 Dec 20 2003 31" 17mmT4 VDIF,VF,PS,PATCH,UB,NND,PAIR=531,536,R=P

## Hickson 11

11A PGC 5362 Cet Galaxy SAB(rs)c  
 Sep 04 2005 31" 17mmT4 MF,PS,OVAL,SMALL FNUC,SOMEWHAT HISB MIDDLE,PAIRS=PGC'S,R=F

11B PGC 5365 Cet Galaxy S?  
 Sep 04 2005 31" 17mmT4 VDIF,EF,PS,PATCH,PAIRS=PGC'S,R=P

11C PGC 5357 Cet Galaxy S  
 Sep 04 2005 31" 17mmT4 EF,VS,PATCH,AV,PAIRS=PGC'S,R=P

11D PGC 5381 Cet Galaxy L  
 Sep 04 2005 31" 17mmT4 EDIF,EF,ES,PATCH,SUSP,PAIRS=PGC'S,R=P

## Hickson 12

12A PGC 5437 Cet Galaxy E?  
 Sep 19 2009 31" 17mmT4 PF,MS,OVAL,UB,NND,PAIR=PGC5439,R=F

12B PGC 5439 Cet Galaxy E  
 Sep 19 2009 31" 17mmT4 VF,VS,OVAL,UB,NND,PAIR=PGC5437,R=P

## Hickson 13

13A PGC 5732 Cet Galaxy SA(s)b:  
 Sep 19 2012 36" 17mmT4 PF,PS,ELONG,PATCH,UB,PAIRS=PGC'S,HICKSON 13,R=F

13B PGC 5735 Cet Galaxy S?  
 Sep 19 2012 36" 17mmT4 PF,PS,OVAL,PATCH,UB,PAIRS=PGC'S,COMP=PGC5736,HICKSON 13,R=F

13C PGC 5736 Cet Galaxy S  
 Sep 19 2012 36" 17mmT4 VF,VS,PATCH,AV HOLDS,COMP=PGC5735,HICKSON 13,R=P

## Hickson 14

14A PGC 7553 Cet Galaxy SA0<sup>^</sup> pec  
 Sep 16 2009 31" 17mmT4 PF,MS,OVAL,LARGE FNUC,B\* IN FOV,RUINS THIS HICKSON GROUP,R=P  
 Nov 22 2006 12.5"12mmT4 VF,VS,PATCH,UB,NND,AV,PAIR=PGC 7557,R=P

14B PGC 7557 Cet Galaxy SAb pec?  
 Sep 16 2009 31" 17mmT4 PF,MS,OVAL,LARGE FNUC,B\* IN FOV,RUINS THIS HICKSON GROUP,R=F  
 Nov 22 2006 12.5"12mmT4 PF,VS,PATCH,UB,NND,AV,PAIR=PGC 7553,R=P

14C PGC 7550 Cet Galaxy L  
 Sep 16 2009 31" 17mmT4 VF,PS,PATCH,NND,B\* IN FOV,RUINS THIS HICKSON GROUP,R=P

14D PGC 7546 Cet Galaxy S  
 Sep 16 2009 31" 17mmT4 EF,VS,PATCH,AV TOOK A WHILE,B\* IN FOV,RUINS THIS HICKSON GROUP,R=P

## Hickson 15

15A PGC 8128 Cet Galaxy S0:  
 Sep 16 2009 31" 17mmT4 MF,MS,R,LARGE BNUC,GOOD HICKSON GROUP,R=G

15B PGC 8110 Cet Galaxy S0-:  
 Sep 16 2009 31" 17mmT4 MF,MS,R,SMALL BNUC,GOOD HICKSON GROUP,R=F

15C PGC 8117 Cet Galaxy S0-:  
 Sep 16 2009 31" 17mmT4 MF,MS,R,LARGE BNUC,GOOD HICKSON GROUP,R=G

15D PGC 8114 Cet Galaxy S0-:  
 Sep 16 2009 31" 17mmT4 MF,PS,ELONG,SMALL BNUC,F\* OFF SIDE,INTER=PGC8116,GOOD HICKSON GROUP,R=F

15E PGC 8096 Cet Galaxy S0?  
 Sep 16 2009 31" 17mmT4 PF,MS,R,SMALL FNUC,GOOD HICKSON GROUP,R=F

15F PGC 8116 Cet Galaxy Sbc

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## Hickson 15

15F PGC 8116 Cet Galaxy Sbc  
 Sep 16 2009 31" 17mmT4 EF,VS,ELONG,PATCH,EXTENSION OF PGC8114,TOOK AV A WHILE,COMES AND GOES,GOOD HICKSON GROUP,R=P

## Hickson 16

16A NGC 835 Cet H483-2 Galaxy SAB(r)ab: pec F,S,R,2ND OF 4  
 Sep 12 2007 31" 17mmT4 PB,ML,R,MBM,MOD HISB MIDDLE,MOD HISB MIDDLE,HICKSON 16,R=G

16B NGC 833 Cet H482-2 Galaxy (R')Sa: pec F,S,R,1ST OF 4  
 Sep 12 2007 31" 17mmT4 MP,ML,ELONG,SMALL BNUC,SOMEWHAT HISB MIDDLE,HICKSON 16,R=G

16C NGC 838 Cet H484-2 Galaxy SA(rs)0<sup>a</sup> pec: VF,VS,R,3RD OF 4  
 Sep 12 2007 31" 17mmT4 PB,ML,R,LARGE BNUC,MBM,MOD HISB MIDDLE,HICKSON 16,R=G

16D NGC 839 Cet H485-2 Galaxy S0: pec sp VF,PS,R,4TH OF 4  
 Sep 12 2007 31" 17mmT4 MB,ML,ELONG,PATCH,UB,NND,SHISB,HICKSON 16,R=G

## Hickson 17

17A PGC 8561 Ari Galaxy E  
 Sep 12 2007 31" 17mmT4 VF,VS,PATCH,NND,CAN BARELY SEPERATE,FAINT TRI GLOW,HICKSON 17,POOR GROUP,R=P

17B PGC 8558 Ari Galaxy E  
 Sep 12 2007 31" 17mmT4 VF,VS,PATCH,NND,CAN BARELY SEPERATE,FAINT TRI GLOW,HICKSON 17,POOR GROUP,R=P

17C PGC 8560 Ari Galaxy E  
 Sep 12 2007 31" 17mmT4 VF,VS,PATCH,NND,CAN BARELY SEPERATE,FAINT TRI GLOW,HICKSON 17,POOR GROUP,R=P

## Hickson 18

18A PGC 10046 Ari Galaxy SB0/a: sp  
 Oct 25 2006 31" 17mmT4 PF,MS,ELONG,LARGE FNUC,BRTEST MEMBER OF HICKSON 18,R=F  
 Oct 20 2006 31" 17mmT4 MF,MS,ELONG,LARGE BNUC,BRIGHTEST MEMBER OF HICKSON 18,OTHERS PRESENT,R=F

18B PGC 10044 Ari Galaxy IB(s)m pec  
 Oct 25 2006 31" 17mmT4 VDIF,EF,MS,PATCH,UB,NND,AV,FAINT GLOW BETWEEN 18C AND18A,NO DEF DET,R=P

18C PGC 10043 Ari Galaxy S?  
 Oct 25 2006 31" 17mmT4 VF,VS,PATCH,UB,AV,ALMOST STELLAR LIKE,BRTER OF THE 3 ON TOP OF EACH OTHER,R=P  
 Oct 20 2006 31" 17mmT4 VDIF,EF,VS,PATCH,UB,NND,AV,HICKSON 18C,OTHERS PRESENT,HARD TO SEPERATE,R=P

18D PGC 10042 Ari Galaxy S?  
 Oct 25 2006 31" 17mmT4 EF,VS,PATCH,UB,AV FIRST THEN HOLDS,R=P

## Hickson 19

19A PGC 10262 Cet Galaxy S0- pec:  
 Sep 16 2009 31" 17mmT4 MB,MS,R,LARGE BNUC,HICKSON,R=G

19B PGC 10268 Cet Galaxy (R)SB(r)a pec?  
 Sep 16 2009 31" 17mmT4 PF,PS,ELONG,PATCH,UB,NND,HICKSON,R=F

19C PGC 10270 Cet Galaxy SBm pec?  
 Sep 16 2009 31" 17mmT4 EF,VS,PATCH,TOOK AV A LONG TIME,AV ONLY A FEW TIMES,HICKSON,R=P

19D PGC 10269 Cet Galaxy S  
 Sep 16 2009 31" 17mmT4 NO FIND,LOC GOOD,HICKSON,R=P

## Hickson 20

20A PGC 10364 Ari Galaxy S  
 Oct 12 2007 31" 17mmT4 EF,ES,AV,HICKSON 20,R=P

20B PGC 10365 Ari Galaxy L  
 Oct 12 2007 31" 17mmT4 EF,VS,OVAL,PATCH,UB,NND,HICKSON 20,R=P

20C PGC 10366 Ari Galaxy L  
 Oct 12 2007 31" 17mmT4 EF,VS,OVAL,PATCH,UB,NND,HICKSON 20,R=P

20D PGC 10369 Ari Galaxy S

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## Hickson 20

20D	PGC 10369	Ari	Galaxy S
Oct 12 2007	31" 17mmT4	EEF,ES,CAN ONLY SUSPECT,HICKSON 20,18TH MAG,R=P	
20E	PGC 10367	Ari	Galaxy S
Oct 12 2007	31" 17mmT4	EEF,ES,CAN ONLY SUSPECT,HICKSON 20,18TH MAG,R=P	
20F	PGC 10368	Ari	Galaxy S
Oct 12 2007	31" 17mmT4	NO FIND,DID NOT EVEN SUSPECT OBJECT,HICKSON 20,R=P	

## Hickson 21

21A	NGC 1099	Eri	Galaxy SB(rs)b	F,PS,LE,BMN,2ND OF 3
Sep 16 2009	31" 17mmT4	MB,PL,ELONG,OVAL,UB,NND,SHISB,OTHERS,R=G		
21B	NGC 1100	Eri	Galaxy SAB(r)a:	F,VS,LE,BMN,3RD OF 3
Sep 16 2009	31" 17mmT4	MB,PL,ELONG,OVAL,LARGE VERY FNUC,SOMEWHAT BM,SLIGHTLY MOD HISB,OTHERS,R=G		
21C	NGC 1098	Eri	Galaxy SA(s)0-:	F,VS,R,BMN,1ST OF 3
Sep 16 2009	31" 17mmT4	VB,PL,R,LARGE BNUC,HISB,HICKSON,R=G		
21D	NGC 1092	Eri	Galaxy E?	VF,VS,R,SBMN
Sep 16 2009	31" 17mmT4	MB,ML,ELONG,OVAL,LARGE FNUC,OTHERS,R=G		
21E	NGC 1091	Eri	Galaxy (R')SAB(rs)a p?	VF,VS,R,SBMN
Sep 16 2009	31" 17mmT4	MF,ML,R,NND,OTHERS,R=F		

## Hickson 22

22A	NGC 1199	Eri	H503-2 Galaxy E3:	CB,PS,IR,SMBM
Sep 16 2009	31" 17mmT4	EB,EL,R,LARGE BNUC,HISB,OTHERS,R=E		
Oct 24 1981	12.5"12mm	DIF,MF,MS,BNUC,GBM,R		
22B	NGC 1190	Eri	Galaxy S0 <sup>^</sup> : sp	EF,VS,R,P1209
Sep 16 2009	31" 17mmT4	PF,PS,ELONG,PATHC,UB,NND,OTHERS,R=F		
22C	NGC 1189	Eri	Galaxy SB(s)dm:	EF,VS,R,P1209
Sep 16 2009	31" 17mmT4	VF,MS,PATCH,NND,UB,OTHERS,R=P		
22D	NGC 1191	Eri	Galaxy SB0-:	EF,VS,R,P1209
Sep 16 2009	31" 17mmT4	PF,PS,OVAL,PTCH,UB,NND,OTHERS,R=F		
22E	NGC 1192	Eri	Galaxy E?	EF,VS,R,P1209
Sep 16 2009	31" 17mmT4	PF,PS,OVAL,PATCH,UB,NND,OTHERS,R=F		

## Hickson 23

23A	NGC 1214	Eri	Galaxy SB(rs)0+?	F,PS,IR,1208P
Sep 19 2012	36" 17mmT4	MB,ML,ELONG,SMALL BNUC,GBM,MOD HISB MIDDLE,OTHERS,HICKSON 23,R=G		
23B	NGC 1215	Eri	Galaxy (R)SAB(r)a pec	EF,VS,R
Sep 19 2012	36" 17mmT4	MB,ML,R,SMALL BNUC,SOMEWHAT HISB MIDDLE,OTHERS,HICKSON 23,R=G		
23C	NGC 1216	Eri	Galaxy S0+? sp	EF,S,STELLAR,3RD OF3
Sep 19 2012	36" 17mmT4	MB,MS,ELONG,SMALL BNUC,SHISB MIDDLE,OTHERS,HICKSON 23,R=FG		
23D	PGC 11673	Eri	Galaxy Sd	
Sep 19 2012	36" 17mmT4	MF,PS,OVAL,UB,NND,OTHERS,HICKSON 23,R=F		
23E	PGC 11690	Eri	Galaxy S	
Sep 19 2012	36" 17mmT4	VF,VS,PATCH,UB,AV HOLDS,OTHERS,HICKSON 23,R=P		

## Hickson 24

24A	PGC 12477	Eri	Galaxy S?	
Sep 19 2012	36" 17mmT4	PF,PS,PATCH,UB,NND,CAN SEPERATE PGC 12472 WITH AV,PAIRS=PGC'S,HICKSON 24,R=F		
24B	PGC 12501	Eri	Galaxy S?	
Sep 19 2012	36" 17mmT4	PF,PS,ELONG,BNUC,* IN EDGE,MOD HISB MIDDLE,PAIRS=PGC'S,HICKSON 24,R=PF		
24C	PGC 12472	Eri	Galaxy S	

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## Hickson 24

24C	PGC 12472	Eri	Galaxy S
Sep 19 2012	36" 17mmT4	VF,VS,PATCH,CAN SEPERATE PGC 12477 WITH AV,PAIRS=PGC'S,HICKSON 24,R=P	
24D	PGC 12492	Eri	Galaxy S
Sep 19 2012	36" 17mmT4	EF,VS,AV ONCE OR TWICE,SUSP,OTHERS,HICKSON 24,R=P	
24E	PGC 12489	Eri	Galaxy
Sep 19 2012	36" 17mmT4	EF,ES,STELLAR,AV ONCE OR TWICE,OTHERS,HICKSON 24,SUSP,R=P	

## Hickson 25

25A	PGC 12531	Cet	Galaxy SAc pec:
Sep 12 2012	36" 17mmT4	MF,MS,ELONG,OVAL,LARGE FNUC,SHISB MIDDLE,HICKSON 25,R=F	
25B	PGC 12539	Cet	Galaxy S?
Sep 12 2012	36" 17mmT4	MF,MS,OVAL,LARGE FNUC,ALMOST TOUCHING=PGC 12538,HICKSON 25,R=F	
25C	PGC 12533	Cet	Galaxy S?
Sep 12 2012	36" 17mmT4	VF,VS,WITH AV CAN JUST SPLIT THE PAIR,INTERACTING=PGC 12530,HICKSON 25,R=P	
25D	PGC 12524	Cet	Galaxy S?
Sep 12 2012	36" 17mmT4	PF,VS,PATCH,UB,NND,HICKSON 25,R=P	
25E	PGC 12530	Cet	Galaxy S
Sep 12 2012	36" 17mmT4	EF,ES,ALMOST TOUCHING = PGC 12533,HICKSON 25,R=P	
25F	PGC 12538	Cet	Galaxy S0?
Sep 12 2012	36" 17mmT4	VF,VS,PATCH,ALMOST TOUCHING=PGC 12539,HICKSON 25,R=P	
25G	PGC 12550	Cet	Galaxy S
Sep 12 2012	36" 17mmT4	EF,ES,PATCH,AV HOLDS,HICKSON 25,R=P	

## Hickson 26

26A	PGC 12611	Eri	Galaxy SBd pec sp
Sep 12 2012	36" 17mmT4	VF,PS,ELONG,UB,WITH AV SOME SEP DET,INTERACTING,ALL 4 APPEAR AS ONE ELONG,DON'T KNOW WHICH GAL IS WHO,,HICKSON 26,R=P	
26B	PGC 12614	Eri	Galaxy S0?
Sep 12 2012	36" 17mmT4	VF,PS,ELONG,UB,WITH AV SOME SEP DET,INTERACTING,ALL 4 APPEAR AS ONE ELONG,DON'T KNOW WHICH GAL IS WHO,,HICKSON 26,R=P	
26C	PGC 12604	Eri	Galaxy L
Sep 12 2012	36" 17mmT4	EF,ES,PATCH,AV ONLY ONCE,SUSP,HICKSON 26,R=P	
26D	PGC 12613	Eri	Galaxy S
Sep 12 2012	36" 17mmT4	VF,PS,ELONG,UB,WITH AV SOME SEP DET,INTERACTING,ALL 4 APPEAR AS ONE ELONG,DON'T KNOW WHICH GAL IS WHO,,HICKSON 26,R=P	
26G	PGC 12610	Eri	Galaxy
Sep 12 2012	36" 17mmT4	VF,PS,ELONG,UB,WITH AV SOME SEP DET,INTERACTING,ALL 4 APPEAR AS ONE ELONG,DON'T KNOW WHICH GAL IS WHO,,HICKSON 26,R=P	

## Hickson 27

27A	PGC 14873	Eri	Galaxy S
Oct 12 2012	36" 17mmT4	VF,VS,PATCH,NND,AV FIRST THEN HOLDS,HICKSON 27,R=P	
27B	PGC 14863	Eri	Galaxy S?
Oct 12 2012	36" 17mmT4	VF,VS,PATCH,TOOK AV A WHILE TO HOLD,HICKSON 27,R=P	
27C	PGC 14870	Eri	Galaxy S
Oct 12 2012	36" 17mmT4	EF,ES,PATCH,AV COMES AND GOES,HICKSON 27,R=P	
27D	PGC 14861	Eri	Galaxy S
Oct 12 2012	36" 17mmT4	EF,ES,PATCH,AV ONLY ONCE,HICKSON 27,R=P	

## Hickson 28

28A	PGC 15136	Eri	Galaxy S?
Oct 12 2012	36" 17mmT4	VF,VS,OVAL,NND,HICKSON 28,R=P	
28C	PGC 15135	Eri	Galaxy E?

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## Hickson 28

28C PGC 15135 Eri Galaxy E?  
 Oct 12 2012 36" 17mmT4 EF,ES,PATCH,AV TOOK A WHILE,HARD TO HOLD,HICKSON 28,R=P

28D PGC 15139 Eri Galaxy S  
 Oct 12 2012 36" 17mmT4 EF,VS,PATCH,COULD DETECT ONE OR THE OTHER BUT NOT BOTH AT SAME TIME,HICKSON 28,R=P

## Hickson 29

29A PGC 15559 Eri Galaxy S?  
 Oct 12 2012 36" 17mmT4 EF,ES,PATCH,18 DEG ABOVE HOR,V\* ON EDGE,ONLY SUSP,AV ONLY ONCE,OTHERS OUT OF QUESTION,TOO FAINT,HICKSON 29,R=P

## Hickson 30

30A PGC 15620 Eri Galaxy (R')SB(rs)0+:  
 Feb 20 2006 31" 17mmT4 PB,ML,OVAL,LARGE BNUC,MOD HISB,PAIRS=PGC'S,HICKSON 30,R=G

30B PGC 15631 Eri Galaxy (R')SAB(rs)0+:  
 Feb 20 2006 31" 17mmT4 PB,ML,ELONG,LARGE BNUC,MOD HISB,PAIRS=PGC'S,HICKSON 30,R=G

30C PGC 15624 Eri Galaxy S?  
 Feb 20 2006 31" 17mmT4 VDIF,EF,VS,PATCH,NND,AV COMES AND GOES,PARIS=PGC'S,HICKSON 30,R=P

30D PGC 15636 Eri Galaxy S  
 Feb 20 2006 31" 17mmT4 VDIF,EF,VS,PATCH,NND,AV COMES AND GOES,PAIRS=PGC'S,HICKSON 30,R=P

## Hickson 31

31A NGC 1741 Eri Galaxy Pec VF,VS,VSEXCENT PTINV  
 Dec 28 2008 31" 17mmT4 PF,ELONG,NND,INTER=PGC16573,CAN BARELY SEPERATE W/AV,TOGETHER IRR SHAPE,R=F

31B PGC 16570 Eri Galaxy SB(s)m pec sp  
 Dec 28 2008 31" 17mmT4 VF,EDGE ON,HICKSON GROUP,UB,NND,R=F

31C PGC 16573 Eri Galaxy SB(s)m pec:  
 Dec 28 2008 31" 17mmT4 PF,ELONG,LBNUC,INTER=1741,CAN BARELY SEPERATE W/AV,TOGETHER IRR SHAPE,R=F

31D PGC 16571 Eri Galaxy S?  
 Dec 28 2008 31" 17mmT4 DID NOT DETECT,LOC GOOD

## Hickson 32

32A PGC 16583 Lep Galaxy S0?  
 Dec 28 2008 31" 17mmT4 PF,PS,OVAL,VSF NUC,HICKSON GROUP,OTHERS=PGC'S,R=F

32B PGC 16578 Lep Galaxy S?  
 Dec 28 2008 31" 17mmT4 VF,PS,OVAL,UB,NND,HICKSON GROUP,OTHER=PGC'S,R=F

32C PGC 16587 Lep Galaxy S  
 Dec 28 2008 31" 17mmT4 EF,VS,PATHC,AV,HICKSON GROUP,OTHERS PRESENT,R=P

32D PGC 16584 Lep Galaxy S  
 Dec 28 2008 31" 17mmT4 EF,ES,LOC GOOD,SUSP ONLY,HICKSON GROUP,R=P

## Hickson 33

33A PGC 16867 Tau Galaxy E  
 Oct 25 2006 31" 17mmT4 PF,PS,OVAL,R,SMALL FNUC,PAIRS=PGC'S,R=F

33B PGC 16866 Tau Galaxy E  
 Oct 25 2006 31" 17mmT4 PF,PS,OVAL,R,SMALL FNUC,PAIRS=PGC'S,R=F

33C PGC 16863 Tau Galaxy S  
 Oct 25 2006 31" 17mmT4 EF,VS,ELONG,PATCH,SUSP,F\* ON TOP OF GAL,SOME F PATCH SUSP AROUND,PAIRS=PGC'S,R=P

33D PGC 16871 Tau Galaxy L  
 Oct 25 2006 31" 17mmT4 VF,VS,PATCH,UB,NND,CLOSE TO F\*,PAIRS=PGC'S,R=P

## Hickson 34

34A NGC 1875 Ori Galaxy S0? EF,S,R  
 Oct 01 2005 31" 17mmT4 PF,MS,R,LARGE FNUC,SOMEWHAT HISB MIDDLE,PAIR=PGC'S,R=F

# Hickson Compact Galaxies Observations

## Hickson 34

34B	PGC 17176	Ori	Galaxy SA0-:
Oct 01 2005	31" 17mmT4	EF,ES,AV,APPEARS AS A LINE OF FAINT NEB FROM 1875,BRIGHTER OF THE 3,R=P	
34C	PGC 17175	Ori	Galaxy S
Oct 01 2005	31" 17mmT4	EF,ES,AV,APPEARS AS A LINE OF FAINT NEB FROM 1875,R=P	
34D	PGC 17173	Ori	Galaxy S
Oct 01 2005	31" 17mmT4	EF,ES,AV,APPEARS AS A LINE OF FAINT NEB FROM 1875,R=P	

## Hickson 35

35A	PGC 24601	Lyn	Galaxy S?
Mar 20 2007	31" 17mmT4	VF,MS,OVAL,SMALL FNUC,VERY CLOSE COMPS,NICE HICKSON GROUP,R=F	
35B	PGC 24597	Lyn	Galaxy S0?
Mar 20 2007	31" 17mmT4	VF,MS,OVAL,SMALL FNUC,VERY CLOSE COMP=PGC24598,NICE HICKSON GROUP,R=F	
35C	PGC 24596	Lyn	Galaxy S0?
Mar 20 2007	31" 17mmT4	VF,MS,OVAL,SMALL FNUC,VERY CLOSE COMPS,NICE HICKSON GROUP,R=F	
35D	PGC 24599	Lyn	Galaxy S
Mar 20 2007	31" 17mmT4	EF,VS,PATCH,NND,AV,OTHER COMPS,NICE HICKSON GROUP,R=P	
35E	PGC 24598	Lyn	Galaxy L
Mar 20 2007	31" 17mmT4	EF,ES,PATCH,AV,APPEARS AS A BUMP ON SIDE OF PGC24597,OTHER COMPS,NICE HICK,R=P	
35F	PGC 24600	Lyn	Galaxy E
Mar 20 2007	31" 17mmT4	DID NOT FIND,18.4MAG,LOC GOOD,R=P	

## Hickson 36

36A	IC 528	Cnc	Galaxy Sab
Dec 28 2008	31" 17mmT4	MB,PS,EL,VSF NUC,HICKSON GROUP,OTHERS=PGC'S,R=F	
36B	PGC 25791	Cnc	Galaxy S
Dec 28 2008	31" 17mmT4	EF,VS,PATCH,UB,AV HOLDS AT TIMES,HICKSON GROUP,OTHERS=PGC'S,R=P	
36C	PGC 25779	Cnc	Galaxy S
Dec 28 2008	31" 17mmT4	EF,ES,PATCH,AV COMES AND GOES,AV,SUSP,HICKSON GROUP,R=P	
36D	PGC 25782	Cnc	Galaxy S
Dec 28 2008	31" 17mmT4	EF,ES,PATCH,AV COMES AND GOES,AV,SUSP,HICKSON GROUP,R=P	

## Hickson 37

37A	NGC 2783	Cnc	H295-3	Galaxy E	VF,VS,R,2PB* SP
Dec 28 2008	31" 17mmT4	MB,MS,LF NUC,ALMOST TOUCHING PGC26004,HICKSON GROUP R=F			
37B	NGC 2783B	Cnc		Galaxy Sbc	
Dec 28 2008	31" 17mmT4	MF,PS,ELONG,UB,NND,HICKSON GROUP,R=F			
37C	PGC 26004	Cnc		Galaxy S?	
Dec 28 2008	31" 17mmT4	VF,VS,PATCH,NND,ALMOST TOUCHING 2783,VERY CLOSE PAIR,HICKSON GROUP,R=P			
37D	PGC 26009	Cnc		Galaxy S	
Dec 28 2008	31" 17mmT4	EF,VS,PATCH,AV,HICKSON GROUP,R=P			
37E	PGC 26006	Cnc		Galaxy L	
Dec 28 2008	31" 17mmT4	EF,VS,PATCH,AV,HICKSON GROUP,R=P			

## Hickson 38

38A	PGC 26831	Leo		Galaxy S?	
Mar 10 2007	31" 17mmT4	PF,MS,PATCH,KEEP B* OUT OF FOV,PAIRS=PGC'S,R=F			
38B	PGC 26842	Leo		Galaxy S?	
Mar 10 2007	31" 17mmT4	MF,MS,OVAL,VERY SMALL FNUC,INTERACTING,CANNOT SEPERATE,KEEP B* OUT OF FOV,R=F			
38C	PGC 26844	Leo		Galaxy S?	
Mar 10 2007	31" 17mmT4	MF,MS,OVAL,VERY SMALL FNUC,INTERACTING,CANNOT SEPERATE,KEEP B* OUT OF FOV,R=F			



# Hickson Compact Galaxies Observations

## Hickson 38

38D PGC 26830 Leo Galaxy S  
 Mar 10 2007 31" 17mmT4 VF,PS,PATCH,UB,NND,KEEP B\* OUT OF FOV,PAIRS=PGC'S,AV,R=P

## Hickson 39

39A PGC 26926 Hya Galaxy Chain  
 Mar 16 2009 31" 17mmT4 DIF,VF,PS,PATCH,NND,4 GAL IN SM ELONG LINE WITH A SLIGHT BEND,NO SEPERATION,R=P  
 Dec 28 2008 31" 17mmT4 DIFF,VF,PS,PATCH,UUD,OTHERS NOT DETECTED,CANNOT BE SEPERATED,CLUSTER,R=P  
 39B PGC 26929 Hya Galaxy E  
 Mar 16 2009 31" 17mmT4 DIF,EF,VS,PATCH,NND,4 GAL IN SM ELONG LINE WITH A SLIGHT BEND,NO SEPERATION,R=P  
 39C PGC 26931 Hya Galaxy L  
 Mar 16 2009 31" 17mmT4 DIF,EF,VS,PATCH,NND,4 GAL IN SM ELONG LINE WITH A SLIGHT BEND,NO SEPERATION,R=P  
 39D PGC 26925 Hya Galaxy L  
 Mar 16 2009 31" 17mmT4 DIF,EF,VS,PATCH,NND,4 GAL IN SM ELONG LINE WITH A SLIGHT BEND,NO SEPERATION,R=P

## Hickson 40

40A PGC 27509 Hya Galaxy E  
 Mar 29 2006 31" 17mmT4 MF,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,EXCELLENT HICKSON GRP,R=F  
 40B PGC 27513 Hya Galaxy SA(r)0-: pec  
 Mar 29 2006 31" 17mmT4 MF,PS,R,LARGE FNUC,ATTACHED TO PGC27508,EXCELLENT HICKSON GRP,R=F  
 40C PGC 27508 Hya Galaxy SB(rs)b pec sp  
 Mar 29 2006 31" 17mmT4 VF,PS,ELONG,EDGE ON,UB,NND,COMP=PGC27513,EXCELLENT HICKSON GRP,R=P  
 40D PGC 27516 Hya Galaxy SB(s)0/a pec:  
 Mar 29 2006 31" 17mmT4 PF,PS,OVAL,SMALL BNUC,F\* IN EDGE,EXCELLENT HICKSON GRP,R=F  
 40E PGC 27515 Hya Galaxy SAB(s)a pec:  
 Mar 29 2006 31" 17mmT4 EDIF,EF,ES,AV,SUSP,EXCELLENT HICKSON GRP,R=P

## Hickson 41

41A PGC 28764 UMa Galaxy S?  
 Apr 07 2008 31" 17mmT4 PF,PS,ELONG,SMALL BNUC,HICKSON 41,R=F  
 41B PGC 28770 UMa Galaxy S  
 Apr 07 2008 31" 17mmT4 VS,PS,ELONG,PATCH,UB,NND,HICKSON 41,R=P  
 41C PGC 28753 UMa Galaxy S?  
 Apr 07 2008 31" 17mmT4 EF,VS,UB,NND,AV FIRST THEN HOLDS,HICKSON 41,R=P  
 41D PGC 28784 UMa Galaxy E  
 Apr 07 2008 31" 17mmT4 LOC GOOD,DID NOT DET ONLY SUSP,HICKSON 41,R=P

## Hickson 42

42A NGC 3091 Hya H293-2 Galaxy E3: PB,PS,IR,BM,P OF 2  
 Mar 16 2009 31" 17mmT4 PB,ML,ELONG,LBNUC,GMBM,HISB MIDDLE,CLOSE COMP OFF ONE EDGE=PGC28922,R=G  
 42B NGC 3096 Hya Galaxy SB(rs)0^ EF,R,LBM,F OF 2  
 Mar 16 2009 31" 17mmT4 MB,PS,ELONG,LARGE FNUC,OTHERS PRESENT,R=F  
 42C PGC 28922 Hya Galaxy E?  
 Mar 16 2009 31" 17mmT4 MB,MS,LBNUC,CLOSE COMP OFF EDGE=NGC3091,BM,R=F  
 42D PGC 28926 Hya Galaxy S0?  
 Mar 16 2009 31" 17mmT4 VF,PS,OVAL,PATCH,NND,OTHERS PRESENT,R=P

## Hickson 43

43A PGC 29677 Sex Galaxy S?  
 Mar 16 2009 31" 17mmT4 PF,PS,ELONG,LG FNUC,CLOSE COMP=PGC29673,R=F  
 43B PGC 29657 Sex Galaxy S?  
 Mar 16 2009 31" 17mmT4 DIF,EF,PS,OVAL,NND,AV HARD TO HOLD,OTHERS PRESENT,R=P

# Hickson Compact Galaxies Observations

## Hickson 43

43C	PGC 29665	Sex	Galaxy S0?
Mar 16 2009	31" 17mmT4	PF,VS,ELONG,FNUC,OTHERS PRESENT,R=F	
43D	PGC 29666	Sex	Galaxy S
Mar 16 2009	31" 17mmT4	VDIF,EF,VS,PATHC,AV ONCE IN A WHILE,OTHERS PRESENT,R=P	
43E	PGC 29668	Sex	Galaxy L
Mar 16 2009	31" 17mmT4	VDIF,EF,VS,PATCH,AV ONCE IN A WHILE,OTHERS PRESENT,R=P	
43F	PGC 29673	Sex	Galaxy
Mar 16 2009	31" 17mmT4	EDIF,SUSP,NO FIND,COMP=PGC29677,R=P	

## Hickson 44

44A	NGC 3190	Leo H44-2	Galaxy SA(s)a pec sp	B,PS,E,PSBMN
Mar 06 2010	31" 17mmT4	VB,VL,ELONG,SMALL BNUC,TIGHT,R VB NUC,HISB MIDDLE,MOD HISB REGION FROM NUC,PAIRS=3183/31878,R=E		
Jan 30 1981	12.5"24mm	DIF,PB,PL,EDGE ON,DIM NUC,PAIR/3185/3193		
Feb 25 1984	12.5"12mm	MB,PL,ELONG,MOD HISB,CLOSE PAIR/3193/3185		
Dec 03 1980	12.5"24mm			
44B	NGC 3193	Leo H45-2	Galaxy E2	B,S,VLE,PSLBM,*9NF
Mar 06 2010	31" 17mmT4	EF,VL,R,LARGE BNUC,HISB,GRANULAR HALO AROUND NUC,PAIRS=3190/3187,R=E		
Jun 10 1980	6" 24mm	JUST BARELY VISIBLE,DID NOT FIND OTHERS IN AREA		
Jan 30 1981	12.5"24mm	PB,PL,BNUC,DIM HALO,PAIR/3185/3190		
Feb 25 1984	12.5"12mm	MB,ML,R,BM,F* TO W,MOD HISB,CLOSE PAIR/3190/3185		
Dec 03 1980	12.5"24mm			
44C	NGC 3185	Leo	Galaxy (R)SB(r)a	PF,PL,GMBM
Jan 30 1981	12.5"24mm	DIF,PF,PL,FAINT HALO,PAIR/3190/3193		
Feb 25 1984	12.5"12mm	VDIF,VF,MS,PAIR/3190,PATCHY,NND,UB,NO *S		
Dec 03 1980	12.5"24mm			
44D	NGC 3187	Leo	Galaxy SB(s)c pec	VF,E
Mar 06 2010	31" 17mmT4	MF,ML,EDGE ON,UB,NND,TAPPERS ENDS,PAIRS=3193/3190,R=G		
Mar 03 1984	12.5"12mm	NO FIND,PHOTO-BURNHAM'S P1080		

## Hickson 45

45A	PGC 30153	UMa	Galaxy Sb
Apr 07 2008	31" 17mmT4	VF,PS,ELONG,UB,NND,HICKSON 45,COVERING PGC30156,R=P	
45B	PGC 30137	UMa	Galaxy S
Apr 07 2008	31" 17mmT4	EF,VS,PATCH,UB,NND,HICKSON 45,R=P	
45C	PGC 30143	UMa	Galaxy S
Apr 07 2008	31" 17mmT4	DID NOT DET,TOOCLOSE TO *,HICKSON 45,R=P	
45D	PGC 30156	UMa	Galaxy S
Apr 07 2008	31" 17mmT4	DID NOT DET,ON TOP OF PGC30153,HICKSON 45,R=P	

## Hickson 46

46A	PGC 30347	Leo	Galaxy S0?
Mar 20 2007	31" 17mmT4	VF,VS,OVAL,PATCH,NND,PAIRS=PGC'S/MAC,R=P	
46B	PGC 30350	Leo	Galaxy L
Mar 20 2007	31" 17mmT4	VF,VS,OVAL,PATCH,NND,PAIRS=PGC'S,VERY CLOSE COMP=PGC30349,BARELY SPLIT,R=P	
46C	PGC 30349	Leo	Galaxy S0?
Mar 20 2007	31" 17mmT4	VF,VS,OVAL,PATCH,NND,PAIRS=PGC'S,VERY CLOSE COMP=PGC30350,BARELY SPLIT,R=P	
46D	PGC 30354	Leo	Galaxy L
Mar 20 2007	31" 17mmT4	VF,VS,OVA,PATCH,NND,PAIRS=PGC'S,R=P	

## Hickson 47

# Hickson Compact Galaxies Observations

## Hickson 47

47A	PGC 30616	Leo	Galaxy SA(r):
Mar 20 2007	31" 17mmT4	PF,PS,OVAL,LARGE FNUC,CLOSE PAIRS=PGC'S,R=F	
47B	PGC 30619	Leo	Galaxy S0?
Mar 20 2007	31" 17mmT4	VF,PS,OVAL,SMALL FNUC,CLOSE PAIRS=PGC'S,R=P	
47C	PGC 30620	Leo	Galaxy S
Mar 20 2007	31" 17mmT4	EF,VS,ELONG,R,NND,TOUCHING COMP=PGC30618,CANNOT SEPERATE,PAIRS=PGC'S,R=P	
47D	PGC 30618	Leo	Galaxy Sd
Mar 20 2007	31" 17mmT4	VF,PS,ELONG,OVAL,NND,TOUCHING COMP=PGC30620,CANNOT SEPERATE,PAIRS=PGC'S,R=P	

## Hickson 48

48A	IC 2597	Hya	Galaxy E+4
Mar 17 2010	31" 17mmT4	MB,ML,OVAL,LARGE BNUC,HICKSON 48A,MOD HISB MIDDLE,AGC 1060,R=G	
Mar 16 2009	31" 17mmT4	MB,ML,VAL,LB NUC,MOD HISB MIDDLE,OTHERS PRESENT,R=G	
48B	PGC 31588	Hya	Galaxy S?
Mar 17 2010	31" 17mmT4	MF,ML,OVAL,PATCH,UB,NND,HICKSON 48B,AGC 1060,R=F	
Mar 16 2009	31" 17mmT4	MF,MS,OVAL,LF NUC,OTHERS PRESENT,R=F	
48C	PGC 31577	Hya	Galaxy S?
Mar 17 2010	31" 17mmT4	PF,MS,ELONG,EDGE ON,LARGE FNUC,HICKSON 48C,AGC 1060,R=F	
Mar 16 2009	31" 17mmT4	PF,PS,ELONG,SB NUC,OTHERS PRESENT,R=F	
48D	PGC 31580	Hya	Galaxy S
Mar 17 2010	31" 17mmT4	EF,VS,PATCH,HICKSON 48D,AV ONLY ONCE,AGC 1060,R=P	
Mar 16 2009	31" 17mmT4	VDIF,EF,VS,PATHC,HARD TO HOLD WITH AV,OTHERS PRESENT,R=P	

## Hickson 49

49A	PGC 32899	UMa	Galaxy S?
Apr 07 2008	31" 17mmT4	VF,VS,PATCH,UB,NND,AV,CAN JUST BARELY SPLIT THE TWO,COMP=32893,PAIRS=PGC'S,R=P	
49B	PGC 32895	UMa	Galaxy S
Apr 07 2008	31" 17mmT4	VF,VS,F BLOB DET WITH AV,COMP=PGC32899,JUST BARELY SEPERATE,PAIRS=PGC'S,R=P	
49C	PGC 32893	UMa	Galaxy S
Apr 07 2008	31" 17mmT4	EF,ES,SUSP,ON TOP OF OTHERS,HICKSON 49,PAIRS=PGC'S,R=P	
49D	PGC 32890	UMa	Galaxy L
Apr 07 2008	31" 17mmT4	EF,ES,SUSP,ON TOP OF OTHERS,HICKSON 49,PAIRS=PGC'S,R=P	

## Hickson 51

51A	NGC 3651	Leo	H335-3	Galaxy E	CF,VS,R,BM,NP OF 2
Apr 26 2008	31" 17mmT4	MF,MS,ELONG,LARGE BNUC,GMBM,HICKSON 51 CLUSTER,R=F			
51B	IC 2759	Leo		Galaxy S?	
Apr 26 2008	31" 17mmT4	PF,MS,PATCH,VERY SMALL FNUC,HICKSON 51 CLUSTER,R=F			
51C	NGC 3653	Leo	H336-3	Galaxy S0?	VF,VS,SF OF 2
Apr 26 2008	31" 17mmT4	MB,MS,ELONG,LARGE BNUC,SLIGHTLY MBM,MOD HISB MIDDLE,HICKSON 51 CLUSTER,R=F			
51D	PGC 34907	Leo		Galaxy S?	
Apr 26 2008	31" 17mmT4	VF,PS,OVAL,PATCH,UB,NND,HICKSON 51 CLUSTER,R=P			
51E	PGC 34881	Leo		Galaxy S0?	
Apr 26 2008	31" 17mmT4	MF,MS,OVAL,R,SMALL BNUC,SOMEWHAT HISB MIDDLE,HICKSON 51 CLUSTER,R=P			
51F	PGC 34899	Leo		Galaxy S0?	
Apr 26 2008	31" 17mmT4	EF,ES,ON TOP OF 3651,BURRIED IN NUC,HICKSON 51 CLUSTER,R=P			
51G	PGC 34901	Leo		Galaxy Star ??	
Apr 26 2008	31" 17mmT4	EF,ES,*NUC,COMES AND GOES WITH AV,HICKSON 51 CLUSTER,R=P			

## Hickson 52

# Hickson Compact Galaxies Observations

## Hickson 52

52A	PGC 35183	Leo	Galaxy SB?
Apr 26 2008	31" 17mmT4	VF,PS,ELONG,HICKSON 52 CLUSTER,R=P	
52B	PGC 35179	Leo	Galaxy S
Apr 26 2008	31" 17mmT4	EF,VS,PATCH,AV,SUSP,HICKSON 52 CLUSTER,R=P	
52C	PGC 35184	Leo	Galaxy S
Apr 26 2008	31" 17mmT4	EF,VS,PATCH,AV,HICKSON 52 CLUSTER,R=P	
52D	PGC 35178	Leo	Galaxy S
Apr 26 2008	31" 17mmT4	NO FIND,LOC GOOD,HICKSON 52 CLUSTER,R=P	

## Hickson 53

53A	NGC 3697	Leo	Galaxy SABb	EF,VS,E90
Apr 26 2008	31" 17mmT4	MF,VL,ELONG,PATCH,UB,NND,HICKSON 53 CLUSTER,R=F		
53B	PGC 35360	Leo	Galaxy S0?	
Apr 26 2008	31" 17mmT4	PF,MS,R,BM,*NUC,SOMEWHAT HISB MIDDLE,HICKSON 53 CLUSTER,R=F		
53C	PGC 35355	Leo	Galaxy S?	
Apr 26 2008	31" 17mmT4	VF,MS,OVAL,UB,NND,HICKSON 53 CLUSTER,R=P		
53D	PGC 35381	Leo	Galaxy S	
Apr 26 2008	31" 17mmT4	EF,PS,ELONG,UB,NND,HICKSON 53 CLUSTER,R=P		

## Hickson 54

54A	IC 700	Leo	Galaxy S0?
Apr 26 2008	31" 17mmT4	VF,PS,SMALL FNUC,ALL 3 APPEAR AS A SINGLE EDGE ON,CANNOT SEPERATE,HICKSON 54,R=P	
54B	PGC 35380	Leo	Galaxy S?
Apr 26 2008	31" 17mmT4	VF,VS,PATCH,UB,ALL 3 APPEAR AS A SINGLE EDGE ON,CANNOT SEPERATE,HICKSON 54,R=P	
54C	PGC 35384	Leo	Galaxy S
Apr 26 2008	31" 17mmT4	EF,ES,PATCH,UB,ALL 3 APPEAR AS A SINGLE EDGE ON,CANNOT SEPERATE,HICKSON 54,R=P	
54D	PGC 35385	Leo	Galaxy S
Apr 26 2008	31" 17mmT4	NO FIND,TOO FAINT,LOC GOOD,HICKSON 54 CLUSTER,CLOUDS JUST MOVED IN,R=P	

## Hickson 55

55A	PGC 35575	Dra	Galaxy SA0 pec:
Apr 09 2008	31" 17mmT4	VF,VS,UB,NND,ALL APPEAR AS A SINGLE EDGE ON GAL,ALL IN SAME PLANE,R=P	
55B	PGC 35572	Dra	Galaxy Chain
Apr 09 2008	31" 17mmT4	EF,ES,UB,NND,ALL APPEAR AS A SINGLE EDGE ON GAL,ALL IN SAME PLANE,R=P	
55C	PGC 35573	Dra	Galaxy SBa pec:
Apr 09 2008	31" 17mmT4	VF,VS,UB,NND,ALL APPEAR AS A SINGLE EDGE ON GAL,ALL IN SAME PLANE,R=P	
55D	PGC 35574	Dra	Galaxy S0 pec:
Apr 09 2008	31" 17mmT4	EF,ES,UB,NND,ALL APPEAR AS A SINGLE EDGE ON GAL,ALL IN SAME PLANE,R=P	
55E	PGC 35576	Dra	Galaxy S?
Apr 09 2008	31" 17mmT4	EF,ES,UB,NND,ALL APPEAR AS A SINGLE EDGE ON GAL,ALL IN SAME PLANE,R=P	

## Hickson 56

56A	PGC 35631	UMa	Galaxy S?
Feb 23 2006	31" 17mmT4	PF,MS,ELONG TO EDGE ON,SMALL VERY FNUC,EXCELLENT HICKSON GROUP,R=F	
56B	PGC 35620	UMa	Galaxy Sa pec sp
Feb 23 2006	31" 17mmT4	MB,PS,ELONG,SMALL BNUC,EXCELLENT HICKSON GROUP,R=F	
56C	PGC 35618	UMa	Galaxy (R')S0/a pec:
Feb 23 2006	31" 17mmT4	MF,PS,OVAL,SMALL FNUC,EXCELLENT HICKSON GROUP,R=F	
56D	PGC 35615	UMa	Galaxy SA(s)0/a pec:
Feb 23 2006	31" 17mmT4	MF,PS,OVAL,STELL NUC,EXCELLENT HICKSON GROUP,R=F	

# Hickson Compact Galaxies Observations

## Hickson 56

56E PGC 35609 UMa Galaxy SB0 pec:  
Feb 23 2006 31" 17mmT4 PF,MS,ELONG,VERY SMALL FNUC,STELLAR NUC SUSP,EXCELLENT HICKSON GROUP,R=F

## Hickson 57

57A NGC 3753 Leo Galaxy Sab? sp pec PB,PL,2ND OF3IN LINE  
Mar 29 2006 31" 17mmT4 MF,MS,ELONG,UB,NND,EXCELLENT HICKSON GROUP,R=F

57B NGC 3746 Leo Galaxy SB(r)b PB,PS,R  
Mar 29 2006 31" 17mmT4 PF,PS,VERY SMALL NUC,EXCELLENT HICKSON GROUP,R=F

57C NGC 3750 Leo Galaxy SAB0-? PB,R,CBM,1ST OF3LINE  
Mar 29 2006 31" 17mmT4 PF,PS,R,SMALL FNUC,EXCELLENT HICKSON GROUP,R=F

57D NGC 3754 Leo Galaxy SBb? pec VF,R,3RD OF3 IN LINE  
Mar 29 2006 31" 17mmT4 PF,VS,R,UB,NND,EXCELLENT HICKSON GROUP,R=P

57E NGC 3748 Leo Galaxy SB0^? sp PB,PS,R  
Mar 29 2006 31" 17mmT4 VF,VS,VERY SMALL FNUC,EXCELLENT HICKSON GROUP,R=F

57F NGC 3751 Leo Galaxy S0- pec? F,L,E45  
Mar 29 2006 31" 17mmT4 VF,PS,VERY SMALL FNUC,EXCELLENT HICKSON GROUP,R=F

57G NGC 3745 Leo Galaxy SB(s)0-: PB,PS,R  
Mar 29 2006 31" 17mmT4 VF,VS,VERY SMALL FNUC,EXCELLENT HICKSON GROUP,R=F

57H PGC 36010 Leo Galaxy L  
Mar 29 2006 31" 17mmT4 EF,ES,AV,EXCELLENT HICKSON GROUP,R=P

## Hickson 58

58A NGC 3822 Vir H153-2 Galaxy S0? PF,PS,3RD OF 4  
May 18 2007 31" 17mmT4 VB,VL,ELONG,LARGE BNUC,HISB,R=E

58B NGC 3825 Vir H154-2 Galaxy SBa PF,PS,4TH OF 4  
May 18 2007 31" 17mmT4 VB,VL,ELONG,LARGE BNUC,VMBM,HISB,R=E

58C NGC 3817 Leo Galaxy SB0/a F,1ST OF 4  
May 18 2007 31" 17mmT4 PB,PL,ELONG,PATCH,LARGE BNUC,F HALO AROUND NUC,SOMEWHAT HISB MIDDLE,R=G

58D NGC 3819 Leo Galaxy E? VF,2ND OF 4  
May 18 2007 31" 17mmT4 PB,ML,OVAL,R,SMALL BNUC,R=G

58E NGC 3820 Leo Galaxy S? EF,VS,3819 S  
May 18 2007 31" 17mmT4 MF,ML,OVAL,PATCH,UB,NND,R=G

## Hickson 59

59A IC 736 Leo Galaxy E?  
Dec 28 2008 31" 17mmT4 MF,MS,OVAL,LB NUC,HICKSON GROUP,R=F

59B PGC 36853 Leo Galaxy S0?  
Dec 28 2008 31" 17mmT4 MF,MS,ELONG,LARGE FNUC,HICKSON GROUP,R=F

59C PGC 36871 Leo Galaxy S?  
Dec 28 2008 31" 17mmT4 VF,MS,ELONG,PATCH,UB,NND,HICKSON GROUP,R=P

59D IC 737 Leo Galaxy S?  
Mar 16 2009 31" 17mmT4 EF,VS,PATCH,ELONG,AV HOLDS,R=P  
Dec 28 2008 31" 17mmT4 EF,ES,PATCH,AV FEW TIMES, DOES NOT HOLD,HICKSON GROUP,R=P

59E PGC 36851 Leo Galaxy S  
Mar 16 2009 31" 17mmT4 EF,ES,PATCH,AV HARD TO HOLD,R=P

## Hickson 60

60A PGC 38065 UMa Galaxy S0?  
Apr 09 2008 31" 17mmT4 VF,PS,VERY SMALL FNUC,LOOKS LIKE PATCH BALL,VERY CLOSE COMP,CANNOT SEPERATE,R=P

60B PGC 38053 UMa Galaxy S

# Hickson Compact Galaxies Observations

## Hickson 60

60B	PGC 38053	UMa	Galaxy S
Apr 09 2008	31" 17mmT4	VDIF,EF,VS,PATCH,AV FINALLY HOLDS,PAIRS=PGC'S,R=P	
60C	PGC 38064	UMa	Galaxy S
Apr 09 2008	31" 17mmT4	EF,VS,PATCH,VERY CLOSE COMP,CANNOT SEPERATE THE 3,R=P	
60D	PGC 38072	UMa	Galaxy S
Apr 09 2008	31" 17mmT4	EF,VS,PATCH,VERY CLOSE COMP,CANNOT SEPERATE THE 3,R=P	

## Hickson 61

61A	NGC 4169	Com	H358-3	Galaxy S0	F,S,1ST OF 4
May 30 2014	36" 17mmT4	PB,ML,OVAL,LBNUC,GMBM,GRANULAR CORE,PAIRS=4171,4175,4174,R=GE			
Mar 17 2009	31" 17mmT4	VB,VL,OVAL,LARGE BNUC,HISB MIDDLE,OTHERS PRESENT,EXCELLENT GROUP,R=E			
Feb 27 1982	12.5"16mm	PF,VS,BNUC,F*S 1 GAL DIA,SBM,R,CLOSE PAIR/4170/4175 IN TRI SHAPE			
61B	NGC 4171	Com		Galaxy SBd:	F,S,2ND OF 4
May 30 2014	36" 17mmT4	MF,VL,EDGE ON,UB,NND,PA~130,LONG THIN WHISP,BROKEN,CHUNKY,PAIRS=4175,4174,4169,R=G			
Mar 17 2009	31" 17mmT4	MF,VL,EDGE ON,UB,NND,SLIGHT TAPPERING AT ENDS,OTHERS,EXCELLENT GROUP,R=G			
Feb 27 1982	12.5"16mm	EDIF,VF,VS,ELONG,PAIR/4175/4169,NND,UB,COMP FORM TRI			
61C	NGC 4175	Com	H360-3	Galaxy S	F,ES,4TH OF 4
May 30 2014	36" 17mmT4	MB,PL,EDGE ON,SFNUC,SOMEWHAT SLIGHT CENTRAL BULGE,PAIRS=4171,4174,4169,R=G			
Mar 17 2009	31" 17mmT4	MB,ML,EDGE ON,LARGE FNUC,CENTRAL BULGE,OTHERS,EXCELLENT GROUP,R=G			
Feb 27 1982	12.5"16mm	VF,VS,ELONG,FNUC,F*S,UB,SBM,COMP FORM TRI			
61D	NGC 4174	Com	H359-3	Galaxy S?	F,S,3RD OF 4
May 30 2014	36" 17mmT4	PB,PL,OVAL,SBNUC,PAIRS=4171,4175,4169,R=G			
Mar 17 2009	31" 17mmT4	PB,PL,ELONG,BNUC,TIGHT NUC REGION,OTHERS PRESENT,EXCELLENT GROUP,R=G			

## Hickson 62

62A	NGC 4778	Vir		Galaxy S0+ sp	VF,S,R,VLBM,F OFDNEB
May 18 2007	31" 17mmT4	PB,ML,R,SBNUC,CLOSE COMP=4759,HISB,EXCELLENT HICKSON GROUP,R=G			
62B	NGC 4759	Vir	H559-2	Galaxy S0^ pec	PL,D,*10SP2'
May 18 2007	31" 17mmT4	PB,ML,R,SBNUC,CLOSE COMP=4778,HISB,EXCELLENT HICKSON GROUP,R=G			
62C	NGC 4761	Vir		Galaxy E+	EF,ES,1'F DNEB4759
May 18 2007	31" 17mmT4	MB,MS,R,SBNUC,GRAD BM,EXCELLENT HICKSON GROUP,R=G			
62D	NGC 4764	Vir		Galaxy S?	EF,ES,SF DNEB 4759
May 18 2007	31" 17mmT4	PF,PS,PATCH,UB,NND,EXCELLENT HICKSON GROUP,R=P			

## Hickson 64

64A	PGC 46975	Vir		Galaxy S?	
May 18 2007	31" 17mmT4	MF,MS,,PATCH,NND,2VF**S AROUND GAL,PATCHY,PAIRS=PGC'S,R=F			
64B	PGC 46972	Vir		Galaxy S	
May 18 2007	31" 17mmT4	EF,PS,PATCH,AV,VERY CLOSE COMP=PGC46971,R=P			
64D	PGC 46971	Vir		Galaxy S	
May 18 2007	31" 17mmT4	COULD NOT SPLIT THE TWO,VERY CLOSE COMP=PGC46972,SUSP,R=P			

## Hickson 65

65A	PGC 47397	Hya		Galaxy S0?	
Apr 16 2009	31" 17mmT4	MB,ML,OVAL,PATCH,UB,NND,PAIR=PGC'S,R=F			
65B	PGC 47406	Hya		Galaxy S0?	
Apr 16 2009	31" 17mmT4	VF,PS,PATCH,NND,TRI CLOSE PAIR,CAN JUST BARELY SPLIT THE TRI,R=P			
65C	PGC 47403	Hya		Galaxy S?	
Apr 16 2009	31" 17mmT4	VF,PS,PATCH,NND,TRI CLOSE PAIR,CAN JUST BARELY SPLIT THE TRI,R=P			
65D	PGC 47401	Hya		Galaxy E?	

# Hickson Compact Galaxies Observations

## Hickson 65

65D	PGC 47401	Hya	Galaxy E?
Apr 16 2009	31" 17mmT4	EF,ES,SUSP,PART OF PGC47397,CANNOT DETECT,R=P	
65E	PGC 47407	Hya	Galaxy E
Apr 16 2009	31" 17mmT4	VF,PS,SMALL BNUC,* IN GAL,SN?, TRI CLOSE PAIR,CAN JUST BARELY SPLIT THE TRI,R=P	

## Hickson 66

66A	PGC 48226	UMa	Galaxy S0?
Apr 06 2008	31" 17mmT4	PF,VS,R,VERY SNUC,COMP=PGC48231/PGC48226,HICKSON 66,R=P	
66B	PGC 48231	UMa	Galaxy S
Apr 06 2008	31" 17mmT4	PF,VS,R,VERY SNUC,COMP=PGC48226,HICKSON 66,R=P	
66C	PGC 48222	UMa	Galaxy S
Apr 06 2008	31" 17mmT4	EF,ES,AV FIRST THEN HOLDS,COMP=PGC48226,HICKSON 66,R=P	
66D	PGC 48220	UMa	Galaxy E
Apr 06 2008	31" 17mmT4	EF,ES,APPEAR AS A SMUG ALONG WITH PGC48222,AV,SUSP,HICKSON 66,R=P	

## Hickson 67

67A	NGC 5306	Vir	H306-2	Galaxy S0 pec?	VF,VS,R,R
May 18 2007	31" 17mmT4	VB,ML,VLBNUC,2 VERY CLOSE COMP=PGC'S OPPOSITE SIDES,MOD HISB MIDDLE,R=G			
67B	PGC 49017	Vir		Galaxy Sb sp	
May 18 2007	31" 17mmT4	VF,ML,EDGE ON,UB,NND,CIGAR SHAPE,PAIRS=5306/PGC'S,R=P			
67C	PGC 49040	Vir		Galaxy S?	
May 18 2007	31" 17mmT4	MF,PS,PATCH,UB,NND,CLOSE COMP=5306,R=F			
67D	PGC 49036	Vir		Galaxy S0 pec?	
May 18 2007	31" 17mmT4	VF,VS,PATCH,UB,NND,CLOSE COMP=5306,R=P			

## Hickson 68

68A	NGC 5353	CVn	H714-2	Galaxy S0 sp	PB,S,R,2ND OF 4
Jun 01 2008	31" 17mmT4	VB,VL,ELONG,LBNUC,HISB MIDDLE,MBM,CLOSE PAIR=5354,OTHER NGC'S,R=E			
Jan 28 1982	12.5"16mm	MB,ML,ELONG,BNUC,GBM,NUC DET,PAIR/5350/5354			
68B	NGC 5354	CVn	H715-2	Galaxy S0 sp	PF,S,R,3RD OF 4
Jun 01 2008	31" 17mmT4	VF,VL,ELONG,LBNUC,HISB MIDDLE,MBM,CLOSE PAIR=5353,OTHER NGC'S,R=G			
Jan 28 1982	12.5"16mm	DIF,PF,PS,DNUC,SBM,PAIR/5350/5353			
68C	NGC 5350	CVn	H713-2	Galaxy SB(r)b	CF,PL,BM,*7P,1ST OF 4
Jun 01 2008	31" 17mmT4	PB,VL,R,,LBNUC,FAINT HALO,ARMS SUSP,PAIRS=5353/5354/5355,R=F			
Jan 28 1982	12.5"16mm	DIF,MF,PL,R,UB,NND,PAIR/5353/5354			
68D	NGC 5355	CVn	H699-3	Galaxy S0?	VF,PS,4TH OF 4
Jun 01 2008	31" 17mmT4	MB,MS,R,LBNUC,MB,PAIRS=5353/5354/5450,R=F			
68E	NGC 5358	CVn		Galaxy S0/a	VF,VS,R,2VF*INV
Jun 01 2008	31" 17mmT4	MB,MS,ELONG,SBNUC,SLIGHTLY BM,R=F			

## Hickson 69

69A	PGC 49502	Boo		Galaxy S?	
Apr 09 2008	31" 17mmT4	VF,PS,UB,VERY CLOSE COMP ARE NOT DETECTED,PAIRS=PGC'S/MAC,R=P			
69B	IC 4345	Boo		Galaxy E?	
Apr 09 2008	31" 17mmT4	MB,ML,R,LARGE BNUC,MOD HISB MIDDLE,PAIR=IC4344,R=G			
69C	PGC 49505	Boo		Galaxy S0?	
Apr 09 2008	31" 17mmT4	VF,PS,UB,PAIRS=PGC'S/MAC,R=P			
69D	PGC 49499	Boo		Galaxy S	
Apr 09 2008	31" 17mmT4	EF,ES,UB,CAN NOT DET, ON TOP OF PGC49502,SUSP,R=P			

## Hickson 70

# Hickson Compact Galaxies Observations

## Hickson 70

70A	IC	4371	CVn	Galaxy Sa
Jun 01 2008	31"	17mmT4	MB,PS,ELONG,LBNUC,VERY MUCH BM,TOUCHING=IC4370,GOOD HICKSON CLUSTER,R=F	
70B	PGC	50140	CVn	Galaxy S0?
Jun 01 2008	31"	17mmT4	MB,PS,ELONG,LBNUC,GOOD HICKSON CLUSTER,R=F	
70C	PGC	50159	CVn	Galaxy S?
Jun 01 2008	31"	17mmT4	EF,PS,OVAL,PATCH,UB,NND,GOOD HICKSON CLUSTER,R=P	
70D	IC	4370	CVn	Galaxy S
Jun 01 2008	31"	17mmT4	MB,PS,ELONG,LFNUC,TOUCHING=IC4371,GOOD HICKSON CLUSTER,R=F	
70E	IC	4369	CVn	Galaxy S?
Jun 01 2008	31"	17mmT4	VF,VS,OVAL,VERY SMALL FNUC,GOOD HICKSON CLUSTER,R=P	
70F	PGC	50133	CVn	Galaxy SB
Jun 01 2008	31"	17mmT4	EF,ES,PATCH,AV COMES AND GOES,GOOD HICKSON CLUSTER,R=P	
70G	PGC	50123	CVn	Galaxy Sa
Jun 01 2008	31"	17mmT4	PF,VS,R,SMALL BNUC,ALMOST *NUC,BM,GOOD HICKSON CLUSTER,R=P	

## Hickson 71

71A	IC	4381	Boo	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	
71B	IC	4382	Boo	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	
71C	PGC	50640	Boo	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	
71D	PGC	50641	Boo	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	

## Hickson 72

72A	PGC	52844	Boo	Galaxy S0?
Mar 29 2006	31"	17mmT4	VF,VS,PATCH,*NUC,PAIRS=PGC'S,WHERE IS HICKSON 72E?,R=P	
Apr 06 2008	31"	17mmT4	VF,VS,PATCH,SMALL FNUC,HICKSON 72,R=P	
72B	PGC	52848	Boo	Galaxy S
Mar 29 2006	31"	17mmT4	VF,VS,PATCH,VSFNUC,CLOSE COMP=PGC52851,PAIRS=PGC'S,R=P	
Apr 06 2008	31"	17mmT4	VF,VS,PATCH,SMALL FNUC,CLOSE COMP=PGC52851,HICKSON 72,R=P	
72C	PGC	52854	Boo	Galaxy S0?
Mar 29 2006	31"	17mmT4	VF,VS,PATCH,UB,NND,KEEP * OUT OF FOV,PAIRS=PGC'S,R=P	
Apr 06 2008	31"	17mmT4	F,VS,PATCH,NND,HICKSON 72,R=P	
72D	PGC	52851	Boo	Galaxy L
Mar 29 2006	31"	17mmT4	VF,VS,PATCH,VSFNUC,CLOSE COMP=PGC52848,PAIRS=PGC'S,R=P	
Apr 06 2008	31"	17mmT4	VF,VS,PATCH,SMALL FNUC,CLOSE COMP=PGC52848,HICKSON 72,R=P	

## Hickson 73

73A	NGC	5829	Boo	Galaxy SA(s)c	VF,VL,IRRR,BM
Mar 29 2006	31"	17mmT4	MF,ML,OVAL,PATCH,UB,NND,PAIRS=IC4526/PGC53720,R=F		
73B	IC	4526	Boo	Galaxy S	
Mar 29 2006	31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,PAIRS=5829/PGC53720,R=F		
73C	PGC	53720	Boo	Galaxy S	



# Hickson Compact Galaxies Observations

## Hickson 73

73C PGC 53720 Boo Galaxy S  
 Mar 29 2006 31" 17mmT4 EF,PS,PATCH,AV COMES AND GOES,PAIRS=5829/IC4526,R=P

## Hickson 74

74A NGC 5910 Ser H400-2 Galaxy E? VF,S,ER  
 Apr 07 2008 31" 17mmT4 PF,PS,OVAL,SMALL FNUC,HICKSON 74,R=F  
 74B PGC 54688 Ser Galaxy E?  
 Apr 07 2008 31" 17mmT4 PF,PS,OVAL,PATCH,UB,NND,HICKSON 74,R=F  
 74C PGC 54692 Ser Galaxy E  
 Apr 07 2008 31" 17mmT4 EF,ES,NND,BURRIED AMONG 5910,CANNOT DET, TOO CLOSE TO 5910,HICKSON 74,R=P  
 74D PGC 54697 Ser Galaxy S  
 Apr 07 2008 31" 17mmT4 VF,ES,PATCH,UB,NND,AV COMES AND GOES,HICKSON 74,R=P  
 74E PGC 54694 Ser Galaxy S  
 Apr 07 2008 31" 17mmT4 NO DETECTION,LOC GOOD,HICKSON 74,R=P

## Hickson 75

75A PGC 54804 Ser Galaxy E?  
 Apr 09 2008 31" 17mmT4 PF,PS,ELONG,OVAL,UB,NND,CANNOT SEPERATE,APPEAR AS ONE,COMP=PGC54802,R=F  
 75B PGC 54803 Ser Galaxy S  
 Apr 09 2008 31" 17mmT4 PF,PS,ELONG,OVAL,UB,NND,SOMEWHAT HISB,CANNOT SEPERATE COMP=PGC54804,R=F  
 75C PGC 54827 Ser Galaxy S?  
 Apr 09 2008 31" 17mmT4 VF,VS,PATCH,UB,NND,PAIRS=PGC'S,R=P  
 75D PGC 54824 Ser Galaxy S  
 Apr 09 2008 31" 17mmT4 VF,VS,PATCH,UB,NND,PAIRS=PGC'S,R=P  
 75E PGC 54818 Ser Galaxy S  
 Apr 09 2008 31" 17mmT4 VF,VS,PATCH,UB,NND,PAIRS=PGC'S,R=P  
 75F PGC 54802 Ser Galaxy L  
 Apr 09 2008 31" 17mmT4 EF,ES,AV,SUSP,CANNOT SEPERATE THE TWO,APPEAR AS ONE,COMP=PGC54804,R=P

## Hickson 76

76A NGC 5944 Ser Galaxy S? EEFS,S,R,4TH OF 4  
 May 28 2008 31" 17mmT4 MF,MS,ELONG,PATCH,LARGE BNUC,OTHERS PRESENT,R=F  
 Apr 09 2008 31" 17mmT4 PF,PS,PATCH,UB,NND,PAIRS=NGC'S/PGC'S,R=F  
 76B PGC 55314 Ser Galaxy S0?  
 May 28 2008 31" 17mmT4 MF,MS,ELONG,PATCH,LARGE BNUC,OTHERS PRESENT,R=F  
 Apr 09 2008 31" 17mmT4 PF,PS,OVAL,LARGE FNUC,INTERACT=PGC55313,CANNOT SEPERATE,APPEAR AS ONE,R=F  
 76C NGC 5941 Ser Galaxy S0? EEFS,S,R,2ND OF 4  
 May 28 2008 31" 17mmT4 MF,MS,ELONG,PATCH,LARGE BNUC,OTHERS PRESENT,R=F  
 Apr 09 2008 31" 17mmT4 PF,PS,OVAL,SMALL FNUC,PAIRS=NGC'S/PGC'S,R=F  
 76D NGC 5942 Ser Galaxy E? EEFS,S,R,3RD OF 4  
 May 28 2008 31" 17mmT4 MF,MS,ELONG,PATCH,LARGE BNUC,OTHERS PRESENT,R=F  
 Apr 09 2008 31" 17mmT4 PF,PS,PATHC,UB,NND,PAIRS=NGC'S/PGC'S,R=F  
 76E PGC 55325 Ser Galaxy S  
 May 28 2008 31" 17mmT4 EF,VS,PATC,UB,AV FIRST THEN HOLDS,OTHERS PRESENT,R=P  
 Apr 09 2008 31" 17mmT4 EF,ES,LOC GOOD,AT MERIDIAN,SUSP,PAIRS=5944/NGC'S/PGC'S,R=P  
 76F PGC 55313 Ser Galaxy  
 May 28 2008 31" 17mmT4 EF,VS,PATCH,UB,EXTENSION OF HICKSON 76B,BUMP DETECTED,OTHERS PRESENT,R=P  
 Apr 09 2008 31" 17mmT4 VF,VS,OVAL,LARGE FNUC,INTER=PGC55314,CANNOT SEPERATE,APPEAR AS ONE,R=F  
 76G PGC 55307 Ser Galaxy

# Hickson Compact Galaxies Observations

## Hickson 76

76G PGC 55307 Ser Galaxy  
 May 28 2008 31" 17mmT4 EF,ES,PATCH,AV SOMETIMES,SUSP,OTHERS PRESENT,R=P

## Hickson 77

77A PGC 56123 Ser Galaxy Chain  
 Apr 09 2008 31" 17mmT4 VF,VS,OVAL,NND,CAN JUST BARELY SEPERATE THE 3,PAIRS=PGC'S,R=P

77B PGC 56122 Ser Galaxy S0?  
 Apr 09 2008 31" 17mmT4 VF,VS,OVAL,NND,CAN JUST BARELY SEPERATE THE 3/PAIRS=PGC'S,R=P

77C PGC 56121 Ser Galaxy S?  
 Apr 09 2008 31" 17mmT4 VF,VS,OVAL,NND,CAN JUST BARELY SEPERATE THE 3/PAIRS=PGC'S,R=P

77D PGC 56125 Ser Galaxy S  
 Apr 09 2008 31" 17mmT4 EF,ES,NO FIND,BURIED IN MIDDLE OF CLUSTER,SUSP,PAIRS=PGC'S,R=P

## Hickson 78

78A PGC 56079 Dra Galaxy (R')SB(s)bc  
 Apr 26 2006 31" 17mmT4 PF,MS,ELONG,SMALL FNUC,PAIRS=PGC'S,R=F

78B PGC 56067 Dra Galaxy S?  
 Apr 26 2006 31" 17mmT4 MF,PS,OVAL,SMALL BNUC,PAIRS=PGC'S,R=F

78C PGC 56095 Dra Galaxy S  
 Apr 26 2006 31" 17mmT4 EF,VS,PATCH,AV COMES AND GOES,SUSP,PAIRS=PGC'S,R=P

78D PGC 56086 Dra Galaxy S  
 Apr 26 2006 31" 17mmT4 EF,ES,DID NOT FIND,LOC GOOD,SUSP,R=P

## Hickson 79

79A NGC 6027A Ser Galaxy Sa pec  
 Jun 01 2008 31" 17mmT4 PF,MS,OVAL,NND,HICKSON CLUSTER,R=G

79B NGC 6027E Ser Galaxy S0?  
 Jun 01 2008 31" 17mmT4 EF,VS,ELONG,UB,AV COMES AND GOES,EDGE TOUCHING=6027C,HICKSON,R=P

79C NGC 6027B Ser Galaxy S0 pec  
 Jun 01 2008 31" 17mmT4 PF,MS,ELONG,NND,HICKSON CLUSTER,TOUCHING=6027,R=F

79D NGC 6027C Ser Galaxy SB(s)c? sp  
 Jun 01 2008 31" 17mmT4 EF,VS,ELONG,UB,NND,AV COMES AND GOES,EDGE TOUCHING=6027E,COMP=6027D,R=P

79E NGC 6027D Ser Galaxy S?  
 Jun 01 2008 31" 17mmT4 EF,ES,OVAL,UB,AV COMES AND GOES,JUST BARELY SEPERATE FROM 6027C,HICKSON,R=P

## Hickson 80

80A PGC 56588 Dra Galaxy S?  
 Apr 26 2006 31" 17mmT4 VF,PS,ELONG,EDGE ON PATCH,UB,NND,PAIRS=PGC'S,R=F

80B PGC 56590 Dra Galaxy S?  
 Apr 26 2006 31" 17mmT4 VF,VS,ELONG,PATCH,UB,NND,PAIRS=PGC'S,R=F

80C PGC 56572 Dra Galaxy S?  
 Apr 26 2006 31" 17mmT4 VF,VS,OVAL,PATCH,UB,NND,PAIRS=PGC'S,R=P

80D PGC 56577 Dra Galaxy S  
 Apr 26 2006 31" 17mmT4 EF,ES,PATCH,DID NOT FIND,LOC GOOD,SUSP,R=P

## Hickson 81

81A PGC 57773 Her Galaxy COMPACT  
 May 18 2007 31" 17mmT4 VF,VS,PATCH,UB,NND,AV FIRST THEN HOLDS,PAIRS=PGC'S,R=P

81B PGC 57774 Her Galaxy S  
 May 18 2007 31" 17mmT4 VDIF,VF,VS,PATCH,UB,NND,AV FIRST,PAIRS=PGC'S,R=P

81C PGC 57779 Her Galaxy S

# Hickson Compact Galaxies Observations

## Hickson 81

81C	PGC 57779	Her	Galaxy S	
	May 18 2007 31" 17mmT4	VDIF,EF,VS,PATCH,UB,NND,AV,SUSP,TOO CLOSE TO COMP,CANNOT DETECT,R=P		
81D	PGC 57777	Her	Galaxy S	
	May 18 2007 31" 17mmT4	VDIF,EF,VS,PATCH,UB,NND,AV FIRST,PAIRS=PGC'S,R=P		

## Hickson 82

82A	NGC 6162	Her	Galaxy S0	F,S,LBM
	May 18 2007 31" 17mmT4	MF,MS,OVAL,R,LARGE FNUC,PAIRS=6163/6161/PGC58231,R=F		
82B	NGC 6163	Her	Galaxy SB0?	VF,S,LBM
	May 18 2007 31" 17mmT4	MF,MS,OVAL,R,LARGE FNUC,PAIRS=6162/6161/PGC58231,R=F		
82C	NGC 6161	Her	Galaxy S?	VF,S,LBM
	May 18 2007 31" 17mmT4	MF,MS,OVAL,R,LARGE FNUC,PAIRS=6163/6162/PGC58231,R=F		
82D	PGC 58231	Her	Galaxy S	
	May 18 2007 31" 17mmT4	VF,VS,PATCH,*NUC,PAIRS=6163/6162/6161,R=P		

## Hickson 83

83A	PGC 58559	Her	Galaxy E	
	May 18 2007 31" 17mmT4	VF,VS,PATCH,UB,NND,PAIRS=PGC'S,R=P		
83B	PGC 58565	Her	Galaxy E	
	May 18 2007 31" 17mmT4	VF,VS,PATCH,UB,NND,VF* OFF ONE SIDE,PAIRS=PGC'S,R=P		
83C	PGC 58569	Her	Galaxy S	
	May 18 2007 31" 17mmT4	EF,VS,PATCH,AV,SUSP,PAIRS=PGC'S,R=P		
83D	PGC 58562	Her	Galaxy E	
	May 18 2007 31" 17mmT4	NO FIND,TOO CLOSE TO PGC58565 AND TOO FAINT,R=P		

## Hickson 84

84A	PGC 58877	UMi	Galaxy S0?	
	Jul 24 2006 31" 17mmT4	VF,PS,OVAL,PATCH,VERY SMALL FNUC,VERY CLOSE INTERACTING SUSP=PGC58881,R=F		
84B	PGC 58873	UMi	Galaxy S	
	Jul 24 2006 31" 17mmT4	PF,MS,OVAL,PATCH,UB,NND,PAIRS=PGC'S,R=P		
84C	PGC 58884	UMi	Galaxy S	
	Jul 24 2006 31" 17mmT4	PF,PS,OVAL,PTACH,UB,NND,VF* IN EDGE OF GAL,PAIRS=PGC'S,R=F		
84D	PGC 58861	UMi	Galaxy S	
	Jul 24 2006 31" 17mmT4	DIF,VF,VS,PATCH,UB,AV,PAIRS=PGC'S,R=P		
84E	PGC 58881	UMi	Galaxy S	
	Jul 24 2006 31" 17mmT4	EF,ES,OVAL,PATCH,AV,SUSP,VERY CLOSE INTERACTING SUSP,CANNOT SEPERATE,R=P		
84F	PGC 58856	UMi	Galaxy S	
	Jul 24 2006 31" 17mmT4	EDIF,EF,ES,PATCH,AV,SUSP,PAIRS=PGC'S,R=P		

## Hickson 85

85A	PGC 62476	Dra	Galaxy E?	
	Jul 24 2006 31" 17mmT4	PF,PS,SMALL FNUC,F* OFF ONE SIDE,PAIRS=PGC'S,R=F		
85B	PGC 62477	Dra	Galaxy E?	
	Jul 24 2006 31" 17mmT4	PF,PS,OVAL,SMALL FNUC,PAIRS=PGC'S,R=F		
85C	PGC 62478	Dra	Galaxy E	
	Jul 24 2006 31" 17mmT4	VF,VS,ELONG,PATCH,UB,NND,AV FIRST THEN HOLDS,PAIRS=PGC'S,R=P		
85D	PGC 62484	Dra	Galaxy S	
	Jul 24 2006 31" 17mmT4	EDIF,EF,VS,PATCH,SUSP,PAIRS=PGC'S,R=P		

## Hickson 86

86B	PGC 63748	Sgr	Galaxy E2	
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# Hickson Compact Galaxies Observations

## Hickson 86

86B	PGC 63748	Sgr	Galaxy E2
Sep 04 2005	31" 17mmT4	VF,VS,R,SMALL FNUC,F* ON EDGE,PAIRS=PGC'S/MAC,R=F	
86C	PGC 63752	Sgr	Galaxy S?
Sep 04 2005	31" 17mmT4	VDIF,EF,VS,PATCH,UB,NND,PAIRS=PGC'S/MAC,R=P	
86D	PGC 63749	Sgr	Galaxy S?
Sep 04 2005	31" 17mmT4	EF,VS,PATCH,UB,NND,PAIRS=PGC'S/MAC,R=F	

## Hickson 87

87A	PGC 65415	Cap	Galaxy S0 <sup>^</sup> pec sp
Sep 04 2005	31" 17mmT4	DIF,VF,ML,EDGE ON,UB,NND,PAIRS=PGC'S,R=P	
87B	PGC 65409	Cap	Galaxy SA(r)0+ pec?
Sep 04 2005	31" 17mmT4	DIF,VF,VS,R,VERY SMALL FAINT NUC DET,PAIRS=PGC'S,R=P	
87C	PGC 65412	Cap	Galaxy S?
Sep 04 2005	31" 17mmT4	DIF,VF,PS,OVAL,PATCH,UB,NND,PAIRS=PGC'S,R=P	
87D	PGC 65414	Cap	Galaxy S
Sep 04 2005	31" 17mmT4	EDIF,EF,ES,PATCH,NND,AV,VERY CLOSE TO DOUBLE *,COMES AND GOES,PAIRS=PGC'S,R=P	

## Hickson 88

88A	NGC 6978	Aqr	Galaxy Sb	VF
Sep 02 2005	31" 17mmT4	MB,ML,ELONG,LARGE BNUC,SHISB,SUDDENLY MBM,PAIRS=NGC'S,R=G		
88B	NGC 6977	Aqr	Galaxy SB(r)a pec:	VF,S,IR
Sep 02 2005	31" 17mmT4	PB,PL,OVAL,SMALL FNUC,SOMEWHAT BM,PAIRS=NGC'S,R=F		
88C	NGC 6976	Aqr	Galaxy SAB(r)bc?	EF,IR
Sep 02 2005	31" 17mmT4	PF,MS,PATCH,UB,NND,PAIRS=NGC'S,R=F		
88D	NGC 6975	Aqr	Galaxy S?	VF,S,(=6976)
Sep 02 2005	31" 17mmT4	DIF,VF,MS,ELONG,PATCH,UB,NND,PAIRS=NGC'S,R=P		

## Hickson 89

89A	PGC 66570	Aqr	Galaxy S?
Sep 04 2005	31" 17mmT4	VF,MS,ELONG,PATCH,NND,DON'T CONFUSE WITH VF* OFF SIDE,PAIRS=PGC'S,COMP,R=P	
89B	PGC 66580	Aqr	Galaxy S?
Sep 04 2005	31" 17mmT4	VDIF,VF,PS,PATCH,UB,NND,PAIRS=PGC'S,R=P	
89C	PGC 66575	Aqr	Galaxy S?
Sep 04 2005	31" 17mmT4	EDIF,EF,VS,PATCH,AV,SUSP,EXTENSION OF PGC66574,COMP,PAIRS=PGC'S,R=P	
89D	PGC 66574	Aqr	Galaxy S
Sep 04 2005	31" 17mmT4	EDIF,EF,ES,PATCH,UB,NND,AV,COMP=PGC66570,EXTENTION OF PGC66570,PAIRS=PGC'S,R=P	

## Hickson 90

90A	NGC 7172	PsA	Galaxy Sa pec sp	PB,PL,LE,GBM,1ST OF4
Sep 04 2005	31" 17mmT4	PB,VL,OVAL,LARGE FNUC,PATCHY,PAIRS=NGC'S,R=G		
90B	NGC 7176	PsA	Galaxy E pec:	B,PL,R,FOF DNEB,4OF4
Sep 04 2005	31" 17mmT4	PB,PL,R,LARGE BNUC,GMBM,MOD HISB,PAIRS=NGC'S,R=G		
90C	NGC 7173	PsA	Galaxy E+ pec:	CB,CS,R,SBM*,2ND OF4
Sep 04 2005	31" 17mmT4	PB,PL,R,LARGE BNUC,GMBM,MOD HISB,PAIRS=NGC'S,COMP=7174,R=G		
90D	NGC 7174	PsA	Galaxy Sab pec sp	CF,S,R,P OFDNEB,3OF4
Sep 04 2005	31" 17mmT4	PF,PL,EDGE ON,UB,NND,STICKING OUT OF NGC7173,PAIRS=NGC'S,R=F		

## Hickson 91

91A	NGC 7214	PsA	Galaxy SB(s)bc pec:	GCL,PL,IR,RR
Sep 04 2005	31" 17mmT4	MF,MS,R,SMALL BNUC,PAIRS=PGC'S,R=F		
91B	PGC 68164	PsA	Galaxy S?	

# Hickson Compact Galaxies Observations

## Hickson 91

91B PGC 68164 PsA Galaxy S?  
 Sep 04 2005 31" 17mmT4 VDIF,VF,MS,ELONG,PATCH,UB,NND,PAIRS=PGC'S/7214,R=P

91C PGC 68160 PsA Galaxy S?  
 Sep 04 2005 31" 17mmT4 DIF,VF,MS,PATCH,UB,NND,PAIRS=PGC'S/7214,R=P

91D PGC 68155 PsA Galaxy S0  
 Sep 04 2005 31" 17mmT4 PF,PS,PATCH,SMALL FNUC,PAIRS=PGC'S/7214,R=F

## Hickson 92

92A NGC 7320 Peg Galaxy SA(s)d F,VS  
 Sep 21 1984 12.5"16mm VDIF,VF,VS,FAINT PATCH,2 COMP CLOSE BY DET  
 Sep 18 1982 12.5"16mm STEPHENS QUINTET,EDIF,VF,MS,OBLONG,BRT MEMBER  
 Sep 01 2002 12.5"16mm VDIF,PF,PS,ELONG,BRIGHTER OF GROUP,OVAL,NND,COMP,STEPHAN'S QUINTET  
 Oct 06 2004 31" 17mmT4 PB,PL,OVAL,UB,NND,MOD HISB,\*IN GAL,PATCHY AREAS DET,STEPHAN'S QUINTET,R=E

92B NGC 7318B Peg Galaxy SB(s)bc pec EF,ES  
 Sep 01 2002 12.5"16mm EEDIF,PF,PS,COMP=7318A,CONNECTED,COULD NOT SPLIT,STEPHAN'S QUINTET  
 Oct 06 2004 31" 17mmT4 MB,PS,OVAL,SMALL BNUC,GBM,MOD HISB MIDDLE,STEPHAN'S QUINTET,R=G

92C NGC 7319 Peg Galaxy SB(s)bc pec EF,ES  
 Sep 01 2002 12.5"16mm EEDIF,VF,PS,NND,OVAL PATCH,STEPHEN'S QUINTET  
 Oct 06 2004 31" 17mmT4 PB,ML,OVAL,PATCH,SMALL FNUC,SHISB,STEPHAN'S QUINTET,R=G

92D NGC 7318A Peg Galaxy E2 pec EF,ES  
 Sep 18 1982 12.5"16mm STEPHENS QUINTET,VDIF,VF,MS,PATCH-OVAL,ONE OF THE BRT MEMBERS  
 Sep 01 2002 12.5"16mm EEDIF,PF,PS,ELONG,COMP=7318B,CONNECTED,COULD NOT SPLIT,OVAL,PATCH,NND  
 Oct 06 2004 31" 17mmT4 MF,PS,OVAL,SMALL BNUC,GBM,MOD HISB MIDDLE,STEPHAN'S QUINTET,R=F  
 Jul 06 1983 12.5"16mm EEDIF,EF,ES,F\*S SURROUND,PATCH,EDGE OF VIS

92E NGC 7317 Peg Galaxy E4 VF,VS  
 Sep 01 2002 12.5"16mm EEEDIF,VF,VS,F\* ON EDGE OF GAL,SBM,STEPHEN'S QUINTET  
 Oct 06 2004 31" 17mmT4 MB,PS,OVAL,LARGE FNUC,GBM,MOD HISB MIDDLE,STEPHAN'S QUINTET,R=F

## Hickson 93

93A NGC 7550 Peg H181-3 Galaxy SA0- CF,S,R  
 Sep 27 2005 31" 17mmT4 VB,VL,OVAL,LARGE BNUC,GMBM,HISB,EXCELLENT HICKSON CLUSTER,R=E

93B NGC 7549 Peg Galaxy SB(s)cd pec PF,PS,R,\*10,11P  
 Sep 27 2005 31" 17mmT4 VB,VL,OVAL,PATCH,UB,NND,MOD HISB,EXCELLENT HICKSON CLUSTER,R=E  
 Oct 30 2005 31" 17mmT4 DIF,VF,PS,PATCH,UB,NND,OTHERS PRESENT,VERIFY FOV AGAIN,R=P

93C NGC 7547 Peg Galaxy (R')SAB(s)0/a p VF,S,IR  
 Sep 27 2005 31" 17mmT4 PB,PL,ELONG,SMALL BNUC,MOD HISB MIDDLE,EXCELLENT HICKSON CLUSTER,R=G

93D PGC 70842 Peg Galaxy E?  
 Sep 27 2005 31" 17mmT4 MB,PS,R,PATCH,SMALL BNUC,EXCELLENT HICKSON CLUSTER,R=F  
 Oct 30 2005 31" 17mmT4 PF,PS,R,LARGE FNUC,CLOSE TO NGC7549,R=F

93E NGC 7558 Peg Galaxy E? EEF,NEB\*13M  
 Sep 27 2005 31" 17mmT4 PF,PS,OVAL,SMALL FNUC,EXCELLENT HICKSON CLUSTER,R=F

## Hickson 94

94A NGC 7578B Peg Galaxy E1:  
 Sep 27 2005 31" 17mmT4 PF,PS,UB,SHISB,F\* ON EDGE,CLOSE COMP=7578A/PGC,R=F

94B NGC 7578A Peg Galaxy S0^ pec VF,AM VS ST  
 Sep 27 2005 31" 17mmT4 MB,PS,ELONG,LARGE FNUC,CLOSE COMP=7578B,R=F

94C PGC 70943 Peg Galaxy S?  
 Sep 27 2005 31" 17mmT4 PF,PS,PATCH,VERY SMALL FNUC,PAIR=NGC/PGC/MAC,R=F

# Hickson Compact Galaxies Observations

## Hickson 94

94D	PGC 70936	Peg	Galaxy S0?
	Sep 27 2005 31" 17mmT4	VF,VS,F* IN GAL,CLOSE COMP=7578B,R=P	
94E	PGC 70937	Peg	Galaxy S
	Sep 11 2012 36" 17mmT4	EF,VS,PATCH,AV ONLY FEW TIMES AFTER SEVERAL SECONDS,HICKSON 94,R=P	
94F	PGC 70939	Peg	Galaxy E
	Sep 11 2012 36" 17mmT4	EF,ES,PATCH,AV ONLY ONCE AFTER 1 MINUTE,HICKSON 94,R=P	
94G	PGC 70941	Peg	Galaxy L
	Sep 11 2012 36" 17mmT4	EF,ES,PATCH,AV ONLY ONCE AFTER 1 MINUTE,HICKSON 94,R=P	

## Hickson 95

95A	NGC 7609	Peg	Galaxy Pec	VF,VS,GBM
	Sep 27 2005 31" 17mmT4	PF,PS,OVAL,UB,NND,VERY CLOSE COMP,PAIR=MAC,PGC'S,SOMEWHAT HISB,R=F		
95B	PGC 71080	Peg	Galaxy S?	
	Sep 27 2005 31" 17mmT4	VF,VS,ELONG,PATCH,UB,NND,VERY F* ON SIDE,PAIR=7609/MAC/PGC,R=P		
95D	PGC 71074	Peg	Galaxy S	
	Sep 27 2005 31" 17mmT4	EF,VS,PATCH,UB,NND,AV,PAIR=7609/MAC/PGC,R=P		

## Hickson 96

96A	NGC 7674	Peg	Galaxy SA(r)bc pec	F,CS,GBM,P OF 2
	Sep 27 2005 31" 17mmT4	MB,ML,R,SMALL BNUC,VERY CLOSE COMP,MOD HISB MIDDLE,SUDDENLY MBM,R=G		
96B	NGC 7675	Peg	Galaxy SAB(s)0-:	VF,S,R,GBM,F OF 2
	Sep 27 2005 31" 17mmT4	MB,MS,OVAL,LARGE BNUC,SOMEWHAT HISB MIDDLE,PAIR=PGC'S/7674,R=G		
96C	PGC 71505	Peg	Galaxy S?	
	Sep 27 2005 31" 17mmT4	PF,PS,OVAL,VERY SMALL FNUC,VERY CLOSE COMP=7674,PAIR=PGC/7675,R=F		
96D	PGC 71507	Peg	Galaxy S	
	Sep 27 2005 31" 17mmT4	EF,ES,PATCH,UB,AV,PAIR=7675/PGC,R=P		

## Hickson 97

97A	IC 5357	Psc	Galaxy SAB0- pec:	
	Sep 17 2009 31" 17mmT4	MB,ML,OVAL,LARGE FNUC,SHISB MIDDLE,GOOD HICKSON,R=G		
97B	IC 5359	Psc	Galaxy S?	
	Sep 17 2009 31" 17mmT4	PF,ML,EDGE ON,UB,NND,GOOD HICKSON,R=F		
97C	IC 5356	Psc	Galaxy S?	
	Sep 17 2009 31" 17mmT4	MB,ML,OVAL,LARGE FNUC,SHISB MIDDLE,GOOD HICKSON,R=G		
97D	IC 5351	Psc	Galaxy E?	
	Sep 17 2009 31" 17mmT4	MF,MS,OVAL,VERY SMALL BNUC,* IN GAL,SN?,GOOD HICKSON,R=F		
97E	PGC 72405	Psc	Galaxy L	
	Sep 17 2009 31" 17mmT4	PF,VS,PATCH,NND,GOOD HICKSON,R=P		

## Hickson 98

98A	NGC 7783	Psc	Galaxy	F,S,LE
	Sep 04 2005 31" 17mmT4	PF,VS,SMALL FNUC,F* BETWEEN COMP,PAIRS=PGC'S,MOD HISB MIDDLE,R=F		
98B	PGC 72808	Psc	Galaxy E?	
	Sep 04 2005 31" 17mmT4	PF,VS,SMALL FNUC,F* BETWEEN COMP,PAIRS=PGC'S/7783,MOD HISB MIDDLE,R=F		
98C	PGC 72810	Psc	Galaxy E?	
	Sep 04 2005 31" 17mmT4	VF,ES,OVAL,UB,NND,F* OFF ONE SIDE,PAIRS=PGC'S/7783,R=P		
98D	PGC 72806	Psc	Galaxy S0+?	
	Sep 04 2005 31" 17mmT4	EF,ES,PATCH,PAIRS=PGC'S/7783,SUSP,R=P		

## Hickson 99

99A	PGC 54	Peg	Galaxy Sab
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# Hickson Compact Galaxies Observations

## Hickson 99

99A	PGC 54	Peg	Galaxy Sab
Sep 05 2007	31"	17mmT4	MF,MS,ELONG,NND,B* ON EDGE,SOMEWHAT HISB,PAIRS=PGC'S/MAC,R=F
99B	PGC 63	Peg	Galaxy S0?
Sep 05 2007	31"	17mmT4	MF,MS,OVAL,LARGE FNUC,PAIRS=PGC'S/MAC,R=F
99C	PGC 58	Peg	Galaxy S?
Sep 05 2007	31"	17mmT4	PF,PS,OVAL,NND,PAIRS=PGC'S/MAC,R=P
99D	PGC 60	Peg	Galaxy S
Aug 17 2012	36"	17mmT4	EF,VS,OVAL,PATCH,UB,DIRECT,R=P
99E	PGC 57	Peg	Galaxy
Aug 17 2012	36"	17mmT4	EF,VS,PATCH,UB,AV COMES AND GOES,VF* CLOSE BY,R=P

## Hickson 100

100A	NGC 7803	Peg	Galaxy S0/a	PF,PS,R,F*NP VNR
Sep 04 2005	31"	17mmT4	PB,MS,R,LARGE BNUC,HISB MIDDLE,PAIRS=PGC'S/MAC,R=G	
Oct 06 2004	31"	17mmT4	MB,PS,ELONG-EDGEON,LARGE BNUC,SHISB,PAIRS=PGC108,134,89,R=G	
100B	PGC 108	Peg	Galaxy S?	
Sep 04 2005	31"	17mmT4	PF,MS,PATCH,UB,NND,PAIRS=PGC'S/MAC,R=F	
Oct 06 2004	31"	17mmT4	VF,VS,OVAL,PATCH,UB,NND,PAIRS=NGC7803,PGC134,89,R=F	
100C	PGC 89	Peg	Galaxy S?	
Sep 04 2005	31"	17mmT4	VF,VS,ELONG,PATCH,UB,NND,PAIRS=PGC'S/MAC/7803,R=P	
Oct 06 2004	31"	17mmT4	EF,VS,PATCH,AV,PAIRS=NGC7803,PGC108,134,R=P	
100D	PGC 92	Peg	Galaxy S	
Sep 04 2005	31"	17mmT4	EF,ES,SUSP,PAIRS=PGC'S/MAC/7803,R=P	