

## Lepus - The Hare

|           |             |              |   |
|-----------|-------------|--------------|---|
| <b>IC</b> | <b>407</b>  |              | <b>Galaxy Sc:</b>   |
|           | Nov 21 2006 | 12.5" 12mmT4 | VF,MS,OVAL,PATCH,UB,NND,R=F   |
| <b>IC</b> | <b>411</b>  |              | <b>Galaxy S0?</b>   |
|           | Nov 21 2006 | 12.5" 12mmT4 | VF,VS,OVAL,PATCH,UB,NND,R=P   |
| <b>IC</b> | <b>416</b>  |              | <b>Galaxy SB(s)c pec:</b>   |
|           | Nov 21 2006 | 12.5" 12mmT4 | EF,VS,PATCH,NND,AV,R=P  |
| <b>IC</b> | <b>418</b>  |              | <b>Planetary Neb 4</b>  |
|           | Dec 28 2008 | 31" 17mmT4   | VB,PS,R,BRT C*10M,GRANDULAR NEB,C* GETS LOST IN NEB WITH AV,OIII HELPS LITTLE,R=G |
|           | Oct 31 1980 | 12.5" 9mm    | BRT BLUE,NICE!!!  |
| <b>IC</b> | <b>433</b>  |              | <b>Galaxy E/S0</b>  |
|           | Nov 22 2006 | 12.5" 12mmT4 | EF,VS,PATCH,UB,NND,LOCATED IN BARREN FOV,R=P                                      |
| <b>IC</b> | <b>438</b>  |              | <b>Galaxy SA(rs)c</b>   |
|           | Nov 22 2006 | 12.5" 12mmT4 | DIF,PF,ML,OVAL,PATCH,UB,F* IN EDGE,PAIR=IC2151,R=F                                |
| <b>IC</b> | <b>441</b>  |              | <b>Galaxy SB(rs)c</b>   |
|           | Nov 22 2006 | 12.5" 12mmT4 | EF,PS,PATCH,AV,R=P  |
| <b>IC</b> | <b>2104</b> |              | <b>Galaxy (R')SB(s)bc</b>   |
|           | Nov 21 2006 | 12.5" 12mmT4 | VF,MS,OVAL,PATCH,UB,NND,R=P   |
| <b>IC</b> | <b>2121</b> |              | <b>Galaxy SAB(s)0<sup>+</sup>: pec</b>  |
|           | Nov 21 2006 | 12.5" 12mmT4 | DIF,PF,ML,ELONG,PATCH,UB,NND,R=P  |
| <b>IC</b> | <b>2125</b> |              | <b>Galaxy S0</b>  |
|           | Nov 22 2006 | 12.5" 12mmT4 | EF,VS,PATCH,UB,F* JUST OFF EDGE,R=P   |
| <b>IC</b> | <b>2130</b> |              | <b>Galaxy SB(s)dm</b>   |
|           | Nov 22 2006 | 12.5" 12mmT4 | VF,VS,OVAL,PATCH,NND,R=P  |
| <b>IC</b> | <b>2131</b> |              | <b>Galaxy</b>   |
|           | Nov 22 2006 | 12.5" 12mmT4 | MF,PS,R,LARGE BNUC,SBM,R=F  |
| <b>IC</b> | <b>2132</b> |              | <b>Galaxy Sa pec:</b>   |
|           | Nov 22 2006 | 12.5" 12mmT4 | VF,PS,OVAL,PATCH,UB,NND,R=F   |
| <b>IC</b> | <b>2137</b> |              | <b>Galaxy SAB(r)ab</b>  |
|           | Nov 22 2006 | 12.5" 12mmT4 | PF,PS,OVAL,PATCH,UB,NND,R=F   |
| <b>IC</b> | <b>2143</b> |              | <b>Galaxy SB(rs)b?</b>  |
|           | Nov 22 2006 | 12.5" 12mmT4 | MF,MS,ELONG,PATCH,UB,NND,R=F  |
| <b>IC</b> | <b>2151</b> |              | <b>Galaxy SB(s)bc:</b>  |

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| <b>IC 2151</b>       |        | <b>Galaxy SB(s)bc:</b>   |                             |
| Nov 22 2006 12.5"    | 12mmT4 | VF,VS,PATCH,UB,NND,PAIR=IC438,R=P  |                             |
| <b>IC 2152</b>       |        | <b>Galaxy (R)SB(r)a:</b>   |                             |
| Nov 22 2006 12.5"    | 12mmT4 | PF,PS,OVAL,PATCH,UB,NND,R=F  |                             |
| <b>MAC 0511-1505</b> |        | <b>Galaxy</b>  |                             |
| Feb 20 2006 31"      | 17mmT4 | EF,VS,PATCH,AV,SUSP,PAIR=1821,R=P  |                             |
| <b>NGC 1710</b>      |        | <b>Galaxy SA0-:</b>  | <b>VF,VS,R,BMN,*13INV</b>   |
| Nov 21 2006 12.5"    | 12mmT4 | MF,MS,PATCH,SMALL BNUC,R=F   |                             |
| <b>NGC 1716</b>      |        | <b>Galaxy SAB(s)bc pec</b>   | <b>PF,PL,R,GLBM</b>         |
| Nov 21 2006 12.5"    | 12mmT4 | DIF,MF,ML,OVAL,PATCH,UB,NND,R=F  |                             |
| <b>NGC 1730</b>      |        | <b>Galaxy SB(r)a</b>   | <b>F,PS,LE,BET2F*</b>       |
| Nov 21 2006 12.5"    | 12mmT4 | PF,MS,OVAL,LARGE FAINT NUC,SOMEWHAT HISB MIDDLE,R=F                      |                             |
| <b>NGC 1738</b>      |        | <b>Galaxy SB(s)bc pec:</b>   | <b>VF,S,E45</b>             |
| Nov 21 2006 12.5"    | 12mmT4 | PF,MS,OVAL,PATCH,UB,NND,VERY CLOSE COMP=1739,BARELY SEPERATE THE TWO,R=F |                             |
| <b>NGC 1739</b>      |        | <b>Galaxy SB(s)bc pec:</b>   | <b>EF,VS,LE,INFIELDLAST</b> |
| Nov 21 2006 12.5"    | 12mmT4 | PF,MS,OVAL,PATCH,UB,NND,VERY CLOSE COMP=1738,BARELY SEPERATE THE TWO,R=F |                             |
| <b>NGC 1744</b>      |        | <b>Galaxy SB(s)d</b>   | <b>F,VL,VME,VGVLBM</b>      |
| Nov 21 2006 12.5"    | 12mmT4 | DIF,VF,VL,OVAL,PATCH,UB,NND,VERY LARGE & DIF,SEVERAL VF**S IN EDGE,R=G   |                             |
| <b>NGC 1780</b>      |        | <b>Galaxy (R')SB(r)0^:</b>   | <b>EF,ES,GBM</b>            |
| Nov 21 2006 12.5"    | 12mmT4 | VF,MS,PATCH,UB,NND,R=P   |                             |
| <b>NGC 1781</b>      |        | <b>Galaxy (R)SB(s)0^ pec</b>   | <b>EF,VS,STELLAR</b>        |
| Nov 21 2006 12.5"    | 12mmT4 | PF,PS,R,LARGE FNUC,R=F   |                             |
| <b>NGC 1784</b>      |        | <b>Galaxy SB(r)c</b>   | <b>PB,PL,VLE,VGBM,AM ST</b> |
| Oct 24 1981 12.5"    | 12mm   | VDIF,PF,VL,2F**S E AND W SIDE,OVAL,NND                                   |                             |
| <b>NGC 1821</b>      |        | <b>Galaxy IB(s)m</b>   | <b>VF,VS,LE</b>             |
| Feb 20 2006 31"      | 17mmT4 | MF,PS,R,SMALL BNUC,PAIR=MAC,R=F  |                             |
| <b>NGC 1832</b>      |        | <b>H292-2 Galaxy SB(r)bc</b>   | <b>PB,IR,MBM,C*NF1'</b>     |
| Oct 24 1981 12.5"    | 12mm   | DIF,MF,ML,W OF B*,NND,OVAL,UB,24MM-SBM,MOD HISB                          |                             |
| Oct 31 1980 12.5"    | 24mm   |  |                             |
| <b>NGC 1886</b>      |        | <b>Galaxy Sbc sp</b>   | <b>VF,PL,E240,*8SP40"</b>   |
| Nov 17 2012 36"      | 17mmT4 | MF,ML,EDGO ON,UB,NND,THIN SLIVER,VARIOUS THICKNESS,PA~60,R=FG            |                             |
| Nov 21 2006 12.5"    | 12mmT4 | PF,ML,EDGE ON,UB,NND,R=G   |                             |

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|                 |            |               |  |                            |
|-----------------|------------|---------------|--|----------------------------|
| <b>NGC 1888</b> |            | <b>H289-2</b> | <b>Galaxy SB(s)c pec</b>   | <b>PB,PL,R,R</b>           |
| Nov 21 2006     | 12.5"      | 12mmT4        | MF,ML,ELONG,UB,NND,INTERACTING=1889,R=F  |                            |
| <b>NGC 1889</b> |            |               | <b>Galaxy E+ pec:</b>  | <b>CLOSE D W/1888</b>      |
| Nov 21 2006     | 12.5"      | 12mmT4        | VF,VS,APPEARS AS A BUMP ALONG THE NUCLEUS OF 1888,R=P                          |                            |
| <b>NGC 1904</b> | <b>M79</b> |               | <b>Globular</b>  | <b>GCL,PL,ERI,EC,RRR</b>   |
| Mar 19 2004     | 12.5"      | 12mmT4        | MESSIER MARATHON 2004  |                            |
| Mar 02 1984     | 10"        | 20mm          | SAME   |                            |
| Oct 24 1981     | 12.5"      | 24mm          | VB,MLCRESOLVED,DOZENS OF *S AROUND NUC.SPLASHING EFFECT                        |                            |
| Mar 27 1981     | 12.5"      | 24mm          | MESSIER MARATHON 1981  |                            |
| Oct 31 1980     | 12.5"      | 24mm          |  |                            |
| Sep 18 1980     | 12.5"      | 24mm          |  |                            |
| Sep 09 1980     | 12.5"      | 24mm          |  |                            |
| <b>NGC 1906</b> |            |               | <b>Galaxy Scd</b>  | <b>EF,PS,E0,GLBM</b>       |
| Nov 22 2006     | 12.5"      | 12mmT4        | MF,MS,OVAL,PATCH,UB,NND,SOMEWHAT HISB,R=F                                      |                            |
| <b>NGC 1954</b> |            | <b>H590-3</b> | <b>Galaxy SA(rs)bc pec:</b>  | <b>VF,S,R,SMBM</b>         |
| Nov 22 2006     | 12.5"      | 12mmT4        | MF,MS,PATCH,SMALL BNUC,PATCHY AREAS,NOT WELL DEFINED,F*S IN AND AROUND GAL,R=F |                            |
| <b>NGC 1957</b> |            |               | <b>Galaxy</b>  | <b>EF,PS,R,BMN,*15INV</b>  |
| Nov 22 2006     | 12.5"      | 12mmT4        | VF,VS,R,VERY SMALL FNUC,R=P  |                            |
| <b>NGC 1964</b> |            | <b>H21-4</b>  | <b>Galaxy SAB(s)b</b>  | <b>F,VS,R,VSVMBM,3*INV</b> |
| Dec 21 1981     | 12.5"      | 16mm          | ELONG,MBM,F* IN GAL TOWARDS BRT *S   |                            |
| Dec 21 1981     | 12.5"      | 32mm          | PF,VS,HISB,STELL NUC   |                            |
| Oct 24 1981     | 12.5"      | 16mm          | DIF,MF,PS,F*W SIDE,GBM,NUC DET,SMALL AND ROUND,APPEARS LIKE E GAL              |                            |
| <b>NGC 1979</b> |            | <b>H240-3</b> | <b>Galaxy SA0:</b>   | <b>VF,VS,STELLAR</b>       |
| Nov 22 2006     | 12.5"      | 12mmT4        | MB,MS,R,LARGE BNUC,MOD HISB MIDDLE,R=G   |                            |
| <b>NGC 1993</b> |            | <b>H269-3</b> | <b>Galaxy SA(rs)0-:</b>  | <b>EF,VS,STELLAR</b>       |
| Nov 22 2006     | 12.5"      | 12mmT4        | MB,MS,R,LARGE FNUC,GBM,MOD HISB MIDDLE,R=G                                     |                            |
| <b>NGC 2017</b> |            |               | <b>Open Cluster</b>  | <b>CL OF L ST</b>          |
| Nov 22 2006     | 12.5"      | 12mmT4        | VB,PL,APPROX 6*S,VARIOUS MAG,LOOSLY SCATTERED,SOMEWHAT CLUSTERED,R=P           |                            |
| <b>NGC 2073</b> |            | <b>H241-3</b> | <b>Galaxy SA(rs)0-:</b>  | <b>EF,VS,R,GBM</b>         |
| Nov 22 2006     | 12.5"      | 12mmT4        | MF,MS,R,LARGE FNUC,R=F   |                            |
| <b>NGC 2076</b> |            | <b>H267-3</b> | <b>Galaxy S0+:</b> sp  | <b>VF,PS,IE,BM</b>         |
| Nov 22 2006     | 12.5"      | 12mmT4        | PF,ML,OVAL,PATCH,UB,NND,R=F  |                            |
| <b>NGC 2089</b> |            | <b>H270-3</b> | <b>Galaxy SAB0-:</b>   | <b>VF,ES,STELLAR</b>       |
| Nov 22 2006     | 12.5"      | 12mmT4        | MB,MS,ELONG,LARGE FNUC,R=G   |                            |

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|                  |              |  |                             |
|------------------|--------------|--|-----------------------------|
| <b>NGC 2106</b>  |              | <b>Galaxy SB(s)0<sup>^</sup></b>   | <b>VF,S,VLE,GBM</b>         |
| Nov 22 2006      | 12.5" 12mmT4 | MB,MS,OVAL,LARGE FNUC,R=G  |                             |
| <b>NGC 2124</b>  |              | <b>H225-3 Galaxy SA(s)b?</b>   | <b>EEF,PS,E,R</b>           |
| Nov 22 2006      | 12.5" 12mmT4 | MF,ML,EDGE ON,UB,NND,THIN SLIVER,R=G   |                             |
| <b>NGC 2131</b>  |              | <b>Galaxy IB(s)m:</b>  | <b>VF,PS,R,GBM</b>          |
| Nov 22 2006      | 12.5" 12mmT4 | VF,PS,PATCH,UB,NND,VF* IN EDGE,R=P   |                             |
| <b>NGC 2139</b>  |              | <b>H264-2 Galaxy SAB(rs)cd</b>   | <b>F,S</b>                  |
| Nov 22 2006      | 12.5" 12mmT4 | MF,MS,OVAL,PATCH,UB,NND,SOMEWHAT HISB,R=G  |                             |
| Oct 05 2002      | 12.5" 9mmT6  | VDIF,MF,PL,PATCH,OVAL,F* OFF ONE SIDE  |                             |
| <b>NGC 2179</b>  |              | <b>Galaxy SA(s)0/a</b>   | <b>F,PS,VME,GLBM</b>        |
| Oct 24 1981      | 12.5" 12mm   | DIF,PF,PS,SEEMS TO BE A COMPANION TO THE S,S,SBM,OVAL,PATCH                      |                             |
| <b>NGC 2196</b>  |              | <b>H265-2 Galaxy (R')SA(s)a</b>  | <b>PF,PS,VLE,PMBM,ST NR</b> |
| Oct 05 2002      | 12.5" 9mmT6  | DIF,PF,PL,FNUC,OVAL,SBM  |                             |
| Dec 03 1980      | 12.5" 24mm   |  |                             |
| <b>PGC 16578</b> |              | <b>Galaxy S?</b>   |                             |
| Dec 28 2008      | 31" 17mmT4   | VF,PS,OVAL,UB,NND,HICKSON GROUP,OTHER=PGC'S,R=F                                  |                             |
| <b>PGC 16583</b> |              | <b>Galaxy S0?</b>  |                             |
| Dec 28 2008      | 31" 17mmT4   | PF,PS,OVAL,VSF NUC,HICKSON GROUP,OTHERS=PGC'S,R=F                                |                             |
| <b>PGC 16584</b> |              | <b>Galaxy S</b>  |                             |
| Dec 28 2008      | 31" 17mmT4   | EF,ES,LOC GOOD,SUSP ONLY,HICKSON GROUP,R=P                                       |                             |
| <b>PGC 16587</b> |              | <b>Galaxy S</b>  |                             |
| Dec 28 2008      | 31" 17mmT4   | EF,VS,PATHC,AV,HICKSON GROUP,OTHERS PRESENT,R=P                                  |                             |
| <b>PGC 16611</b> |              | <b>Galaxy</b>  |                             |
| Dec 28 2008      | 31" 17mmT4   | EF,PS,PATCH,AV,R=P   |                             |
| <b>PGC 16890</b> |              | <b>Galaxy I</b>  |                             |
| Dec 28 2008      | 31" 17mmT4   | EF,ES,LOC GOOD,SUSP,PAIR=PGC16891,R=P  |                             |
| <b>PGC 16891</b> |              | <b>Galaxy</b>  |                             |
| Dec 28 2008      | 31" 17mmT4   | EF,VS,PATCH,NND,PAIR=PGC16890,R=P  |                             |
| <b>PGC 16894</b> |              | <b>Galaxy SAB(rs)cd</b>  |                             |
| Feb 20 2006      | 31" 17mmT4   | DIF,VF,VL,PATCH,LARGE FNUC,V* OUTER EDGE,MORE & MORE NEB DET LONGER VIEWED,R=P   |                             |
| <b>PGC 17969</b> |              | <b>Galaxy Sbc: sp</b>  |                             |
| Nov 17 2012      | 36" 17mmT4   | MF,MS,EDGE ON,LFNUC,SLIGHT TAPPERING ON ENDS,SOMEWHAT MOD HISB MIDDLE,PA~100,R=F |                             |