

| Open clusters         |        |      |             |      |      |            |      |     |     |          |        |
|-----------------------|--------|------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object                | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| M73                   | AQR    |      | four stars  | 9.00 | 1'   | 10x50      |      |     |     | 2000 Ly  | 6994   |
| <i>1 open cluster</i> |        |      |             |      |      |            |      |     |     |          |        |

| Globular clusters          |        |      |             |      |      |            |      |     |     |          |        |
|----------------------------|--------|------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object                     | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| M30                        | CAP    |      |             | 7.20 | 5'   | 10x50      |      |     |     | 25000 Ly | 7099   |
| M55                        | SGR    |      |             | 6.30 | 12'  | 8x30       |      |     |     | 18000 Ly | 6809   |
| M72                        | AQR    |      |             | 9.30 | 3'   | 10x50      |      |     |     | 62000 Ly | 6981   |
| M75                        | SGR    |      |             | 8.50 | 1.5' | 10x50      |      |     |     | 60000 Ly | 6864   |
| <i>4 globular clusters</i> |        |      |             |      |      |            |      |     |     |          |        |

| Galaxies         |        |                  |             |      |        |            |      |     |     |           |        |
|------------------|--------|------------------|-------------|------|--------|------------|------|-----|-----|-----------|--------|
| Object           | Const. | Name             | Description | Vmag | Size   | Instrument | OIII | UHC | H-β | Distance  | NGC/IC |
| C57              | SGR    | Barnard's Galaxy |             | 8.80 | 10'x7' | 10x50      |      |     |     | 2 Mio. Ly | 6822   |
| <i>1 galaxie</i> |        |                  |             |      |        |            |      |     |     |           |        |

| Planetary nebula          |        |               |             |      |      |            |      |     |     |          |        |
|---------------------------|--------|---------------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object                    | Const. | Name          | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| C55                       | AQR    | Saturn nebula | very small  | 8.00 | 0.4' | 50 mm      | +    | +   | -   | 2500 Ly  | 7009   |
| C63                       | AQR    |               |             | 7.30 | 12'  | 8x30       | ++   | +   | -   | 500 Ly   | 7293   |
| <i>2 planetary nebula</i> |        |               |             |      |      |            |      |     |     |          |        |

| Double stars          |        |      |              |           |      |            |      |     |     |          |        |
|-----------------------|--------|------|--------------|-----------|------|------------|------|-----|-----|----------|--------|
| Object                | Const. | Name | Description  | Vmag      | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| β Cap                 | CAP    |      | 267 ° / 205" | 3.1 / 6.1 |      |            |      |     |     |          |        |
| ο Cap                 | CAP    |      | 239 ° / 22"  | 5.9 / 6.7 |      |            |      |     |     |          |        |
| ρ Cap                 | CAP    |      | 150 ° / 257" | 4.8 / 6.6 |      |            |      |     |     |          |        |
| <i>3 double stars</i> |        |      |              |           |      |            |      |     |     |          |        |

| Variable stars         |        |      |             |           |      |            |      |     |     |          |        |
|------------------------|--------|------|-------------|-----------|------|------------|------|-----|-----|----------|--------|
| Object                 | Const. | Name | Description | Vmag      | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| δ Cap                  | CAP    |      | 1 day       | 2.8 / 3,1 |      |            |      |     |     |          |        |
| <i>1 variable star</i> |        |      |             |           |      |            |      |     |     |          |        |

