

## LEPUS overview (Messier and Caldwell objects)

10 Objects

| Open clusters   |        |      |             |      |      |            |      |     |     |          |        |
|-----------------|--------|------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object          | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| C58             | CMA    |      |             | 7.20 | 8'   | 10x50      |      |     |     | 5000 Ly  | 2360   |
| C64             | CMA    |      |             | 4.10 | 8'   | 63 mm      |      |     |     | 5000 Ly  | 2362   |
| M41             | CMA    |      |             | 4.60 | 40'  | n. eye     |      |     |     | 2500 Ly  | 2287   |
| M50             | MON    |      |             | 6.30 | 20'  | 8x30       |      |     |     | 3500 Ly  | 2323   |
| 4 open clusters |        |      |             |      |      |            |      |     |     |          |        |

| Globular clusters  |        |      |             |      |      |            |      |     |     |          |        |
|--------------------|--------|------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object             | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| M79                | LEP    |      |             | 7.70 | 5'   | 10x50      |      |     |     | 42000 Ly | 1904   |
| 1 globular cluster |        |      |             |      |      |            |      |     |     |          |        |

| Nebula   |        |                    |             |      |         |            |      |     |     |          |        |
|----------|--------|--------------------|-------------|------|---------|------------|------|-----|-----|----------|--------|
| Object   | Const. | Name               | Description | Vmag | Size    | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| M42      | ORI    | Great Orion nebula |             | 4.00 | 25'x30' | n. eye     | +    | ++  | o   | 1400 Ly  | 1976   |
| M43      | ORI    |                    |             | 9.00 | 6'x3'   | 10x50      | o    | +   | ++  | 1400 Ly  | 1982   |
| 2 nebula |        |                    |             |      |         |            |      |     |     |          |        |

| Double stars         |        |      |             |           |      |            |      |     |     |          |        |
|----------------------|--------|------|-------------|-----------|------|------------|------|-----|-----|----------|--------|
| Object               | Const. | Name | Description | Vmag      | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| γ Lep                | LEP    |      | 350° / 97"  | 3.6 / 6.2 |      | -          | -    | -   | -   | 29.3 ly  | -      |
| <i>1 double star</i> |        |      |             |           |      |            |      |     |     |          |        |

| Variable stars   |        |      |             |            |      |            |      |     |     |          |        |
|------------------|--------|------|-------------|------------|------|------------|------|-----|-----|----------|--------|
| Object           | Const. | Name | Description | Vmag       | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| R Lep            | LEP    |      | 430 days    | 5.5 / 11.7 |      |            |      |     |     | 826 ly   |        |
| RX               | LEP    |      | irregular   | 5.0 / 7.0  |      |            |      |     |     | 447 ly   |        |
| 2 variable stars |        |      |             |            |      |            |      |     |     |          |        |

