

# Sagittarius

## Sternkarten / Star maps

Astronomische Daten für diese Karten stammen von frei verfügbaren Datenbanken im Internet  
Astronomical data for this sky atlas were taken from free database sources on the internet

### Objektkataloge / Object databases:

Centre de Données astronomiques de Strasbourg - <http://cdsweb.u-strasbg.fr>

Saguaro Astronomy Club: SAC Database 7.70 - <http://www.saguaroastro.org>

### Sternkatalog / Star database:

Star Database: SKY2000 Catalog, Version 4 (Myers+ 2002)

<http://vizier.u-strasbg.fr/viz-bin/VizieR?-source=V/109>

### An den Karten haben mitgewirkt / People that have been working on the maps:

Fred Van Gestel (author), Dennis Wallace (PDF and data base editing)

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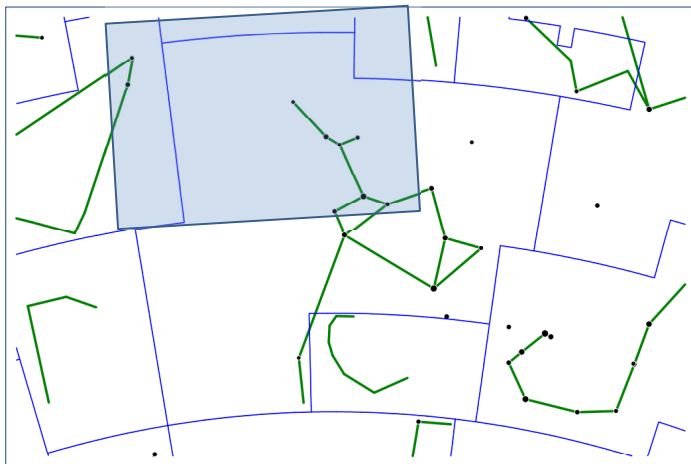
| Open clusters    |        |      |                                 |       |      |            |      |     |     |          |        |
|------------------|--------|------|---------------------------------|-------|------|------------|------|-----|-----|----------|--------|
| Object           | Const. | Name | Page(s)                         | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| Bochum 14        | SGR    |      | Sgr 1-2 Sgr 2-2                 | 9.30  |      |            |      |     |     |          | -      |
| Cr 347           | SGR    |      | Sgr 2-2 Sgr 3-2                 | 8.80  |      |            |      |     |     |          | -      |
| Cr 351           | SGR    |      | Sgr 2-2 Sgr 3-2                 | 9.30  |      |            |      |     |     |          | -      |
| Cr 367           | SGR    |      | Sgr 1-2 Sgr 2-2                 | 6.40  |      |            |      |     |     |          | -      |
| Cr 394           | SGR    |      | Sgr 1-1 Sgr 1-2 Sgr 2-1 Sgr 2-2 | 6.30  |      |            |      |     |     |          | -      |
| Cr 469           | SGR    |      | Sgr 1-2                         | 9.10  |      |            |      |     |     |          | -      |
| H338             | SGR    |      | Sgr 1-2 Sgr 2-2 Sgr 3-2         | 8.00  | 6'   |            |      |     |     |          | 6520   |
| H345             | SGR    |      | Sgr 1-2 Sgr 2-2                 | 9.00  | 13'  |            |      |     |     |          | 6568   |
| H347             | SGR    |      | Sgr 1-2 Sgr 2-2                 | 10.00 | 2.8' |            |      |     |     |          | 6583   |
| H353             | SGR    |      | Sgr 1-2                         | 9.00  | 10'  |            |      |     |     |          | 6645   |
| M18              | SGR    |      | Sgr 1-2                         | 7.50  | 8'   | 10x50      |      |     |     | 4000 Ly  | 6613   |
| M21              | SGR    |      | Sgr 1-2 Sgr 2-2                 | 6.50  | 7'   | 8x30       |      |     |     | 4000 Ly  | 6531   |
| M23              | SGR    |      | Sgr 1-2                         | 6.90  | 25'  | 8x30       |      |     |     | 2200 Ly  | 6494   |
| M25              | SGR    |      | Sgr 1-2                         | 6.50  | 30'  | n. eye     |      |     |     | 2500 Ly  | IC4725 |
| N6469            | SGR    |      | Sgr 1-2 Sgr 2-2                 | 8.20  |      |            |      |     |     |          | 6469   |
| N6476            | SGR    |      | Sgr 2-2 Sgr 3-2                 | 12.00 |      |            |      |     |     |          | 6476   |
| N6507            | SGR    |      | Sgr 1-2                         | 9.60  |      |            |      |     |     |          | 6507   |
| N6530            | SGR    |      | Sgr 1-2 Sgr 2-2                 | 4.60  |      |            |      |     |     |          | 6530   |
| N6546            | SGR    |      | Sgr 1-2 Sgr 2-2                 | 8.00  |      |            |      |     |     |          | 6546   |
| N6554            | SGR    |      | Sgr 1-2                         | 12.00 |      |            |      |     |     |          | 6554   |
| N6595            | SGR    |      | Sgr 1-2                         | 7.00  |      |            |      |     |     |          | 6595   |
| N6603            | SGR    |      | Sgr 1-2                         | 11.10 |      |            |      |     |     |          | 6603   |
| N6647            | SGR    |      | Sgr 1-2                         | 8.00  |      |            |      |     |     |          | 6647   |
| N6716            | SGR    |      | Sgr 1-1 Sgr 1-2 Sgr 2-1 Sgr 2-2 | 7.50  |      |            |      |     |     |          | 6716   |
| Tr 31            | SGR    |      | Sgr 2-2 Sgr 3-2                 | 9.80  |      |            |      |     |     |          | -      |
| Tr 33            | SGR    |      | Sgr 1-2                         | 7.80  |      |            |      |     |     |          | -      |
| 26 open clusters |        |      |                                 |       |      |            |      |     |     |          |        |

| Globular clusters    |        |      |                                                 |       |      |            |      |     |     |          |        |
|----------------------|--------|------|-------------------------------------------------|-------|------|------------|------|-----|-----|----------|--------|
| Object               | Const. | Name | Page(s)                                         | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| ESO 456-SC38         | SGR    |      | Sgr 1-2 Sgr 2-2 Sgr 3-2                         | 9.90  |      |            |      |     |     |          | -      |
| H333                 | SGR    |      | Sgr 1-2 Sgr 2-2                                 | 9.70  | 1.7' |            |      |     |     |          | 6440   |
| H339                 | SGR    |      | Sgr 2-2 Sgr 3-2                                 | 8.60  | 5.6' |            |      |     |     |          | 6522   |
| H340                 | SGR    |      | Sgr 2-2 Sgr 3-2                                 | 9.50  | 3.7' |            |      |     |     |          | 6528   |
| H343                 | SGR    |      | Sgr 1-2 Sgr 2-2 Sgr 3-2                         | 8.30  | 8.4' |            |      |     |     |          | 6544   |
| H344                 | SGR    |      | Sgr 1-2 Sgr 2-2 Sgr 3-2                         | 8.30  | 3.2' |            |      |     |     |          | 6553   |
| H346                 | SGR    |      | Sgr 2-2 Sgr 3-2                                 | 8.70  | 5.8' |            |      |     |     |          | 6569   |
| H348                 | SGR    |      | Sgr 2-2 Sgr 3-2                                 | 8.30  | 5.9' |            |      |     |     |          | 6624   |
| H351                 | SGR    |      | Sgr 1-1 Sgr 1-2 Sgr 2-1 Sgr 2-2 Sgr 3-1 Sgr 3-2 | 9.20  | 2.2' |            |      |     |     |          | 6638   |
| H352                 | SGR    |      | Sgr 1-1 Sgr 1-2 Sgr 2-1 Sgr 2-2                 | 8.80  | 0.8' |            |      |     |     |          | 6642   |
| M22                  | SGR    |      | Sgr 1-1 Sgr 1-2 Sgr 2-1 Sgr 2-2                 | 5.10  | 9'   | n. eye     |      |     |     | 10000 Ly | 6656   |
| M28                  | SGR    |      | Sgr 1-2 Sgr 2-2                                 | 6.80  | 5'   | 8x30       |      |     |     | 20000 Ly | 6626   |
| M54                  | SGR    |      | Sgr 2-1 Sgr 2-2 Sgr 3-1 Sgr 3-2 Sgr 4-1         | 7.60  | 2.5' | 10x50      |      |     |     | 80000 Ly | 6715   |
| M55                  | SGR    |      | Sgr 2-1 Sgr 3-1 Sgr 4-1                         | 6.30  | 12'  | 8x30       |      |     |     | 18000 Ly | 6809   |
| M69                  | SGR    |      | Sgr 2-1 Sgr 2-2 Sgr 3-1 Sgr 3-2 Sgr 4-1         | 7.60  | 2.5  | 10x50      |      |     |     | 30000 Ly | 6637   |
| M70                  | SGR    |      | Sgr 2-1 Sgr 2-2 Sgr 3-1 Sgr 3-2 Sgr 4-1         | 7.90  | 3'   | 10x50      |      |     |     | 30000 Ly | 6681   |
| M75                  | SGR    |      | Sgr 1-1 Sgr 2-1                                 | 8.50  | 1.5' | 10x50      |      |     |     | 60000 Ly | 6864   |
| N6558                | SGR    |      | Sgr 2-2 Sgr 3-2                                 | 8.60  |      |            |      |     |     |          | 6558   |
| N6652                | SGR    |      | Sgr 2-1 Sgr 2-2 Sgr 3-1 Sgr 3-2 Sgr 4-1         | 8.50  |      |            |      |     |     |          | 6652   |
| N6717                | SGR    |      | Sgr 1-1 Sgr 1-2 Sgr 2-1 Sgr 2-2                 | 8.40  |      |            |      |     |     |          | 6717   |
| N6723                | SGR    |      | Sgr 2-1 Sgr 2-2 Sgr 3-1 Sgr 3-2 Sgr 4-1         | 6.80  |      |            |      |     |     |          | 6723   |
| Pal 8                | SGR    |      | Sgr 1-1 Sgr 1-2 Sgr 2-1                         | 10.90 |      |            |      |     |     |          | -      |
| 22 globular clusters |        |      |                                                 |       |      |            |      |     |     |          |        |

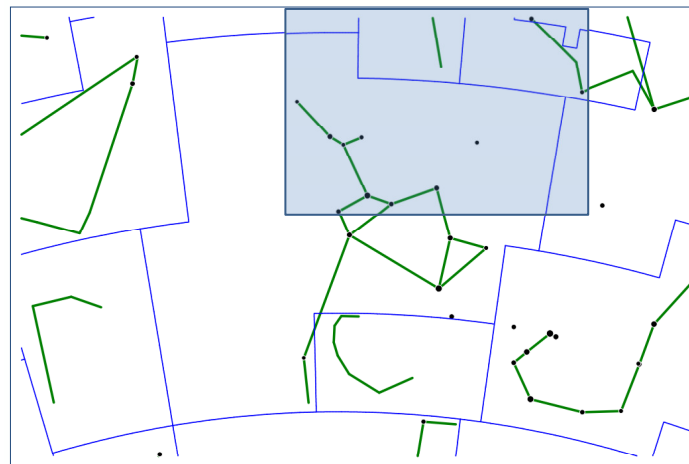
| Galaxies   |        |                  |         |       |        |            |      |     |     |           |        |
|------------|--------|------------------|---------|-------|--------|------------|------|-----|-----|-----------|--------|
| Object     | Const. | Name             | Page(s) | Vmag  | Size   | Instrument | OIII | UHC | H-β | Distance  | NGC/IC |
| C57        | SGR    | Barnard's Galaxy | Sgr 1-1 | 8.80  | 10'x7' | 10x50      |      |     |     | 2 Mio. Ly | 6822   |
| N6902      | SGR    |                  | Sgr 4-1 | 10.90 |        |            |      |     |     |           | 6902   |
| 2 galaxies |        |                  |         |       |        |            |      |     |     |           |        |

| Nebula   |        |                              |         |         |      |            |            |      |     |     |          |        |
|----------|--------|------------------------------|---------|---------|------|------------|------------|------|-----|-----|----------|--------|
| Object   | Const. | Name                         | Page(s) |         | Vmag | Size       | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| M17      | SGR    | Omega nebula,<br>Swan nebula | Sgr 1-2 |         | 7.00 | 20'x15'    | n. eye     | ++   | +   | -   | 6000 Ly  | 6618   |
| M20      | SGR    | Trifid nebula                | Sgr 1-2 | Sgr 2-2 | 9.00 | 15'x10'    | 10x50      | +/o  | +   | +/- | 6000 Ly  | 6514   |
| M24      | SGR    | Little star cloud            | Sgr 1-2 |         | 4.60 | 1.5°x0.5°  | n. eye     |      |     |     | -        | 6603   |
| M8       | SGR    | Lagoon nebula                | Sgr 1-2 | Sgr 2-2 | 6.00 | 20'x10'/7' | n. eye     | ++   | ++  | o   | 6000 Ly  | 6523   |
| 4 nebula |        |                              |         |         |      |            |            |      |     |     |          |        |

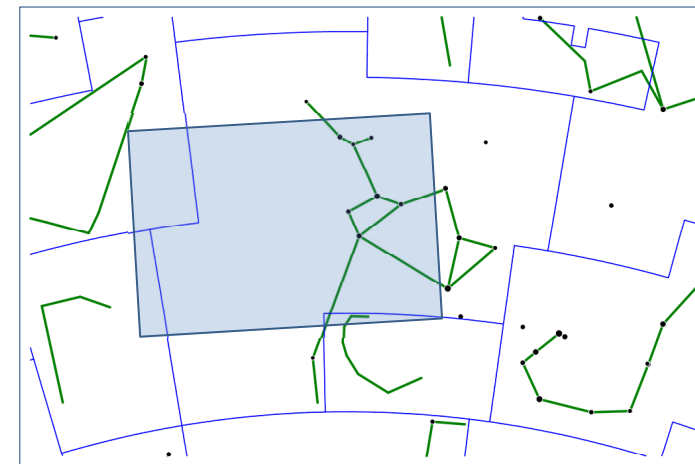
| Planetary nebula    |        |      |                                            |       |      |            |      |     |     |          |        |
|---------------------|--------|------|--------------------------------------------|-------|------|------------|------|-----|-----|----------|--------|
| Object              | Const. | Name | Page(s)                                    | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| H349                | SGR    |      | Sgr 1-2 Sgr 2-2                            | 12.00 | 16"  |            |      |     |     |          | 6629   |
| H360                | SGR    |      | Sgr 1-1                                    | 10.00 | 22"  |            |      |     |     |          | 6818   |
| N6537               | SGR    |      | Sgr 1-2 Sgr 2-2                            | 12.00 | 5"   |            | ++   | +   | -   |          | 6537   |
| N6567               | SGR    |      | Sgr 1-2                                    | 11.50 | 11"  |            |      |     |     |          | 6567   |
| PK 1- 6.2           | SGR    |      | Sgr 2-2 Sgr 3-2                            | 11.80 | 5"   |            |      |     |     |          | -      |
| PK 12- 7.1          | SGR    |      | Sgr 1-1 Sgr 1-2 Sgr 2-1<br>Sgr 2-2         | 12.00 | 10"  |            |      |     |     |          | -      |
| PK 2- 3.5           | SGR    |      | Sgr 2-2 Sgr 3-2                            | 9.30  | 10"  |            |      |     |     |          | -      |
| PK 2- 5.1           | SGR    |      | Sgr 2-2 Sgr 3-2                            | 11.50 | 10"  |            |      |     |     |          | -      |
| PK 3- 4.7           | SGR    |      | Sgr 2-2 Sgr 3-2                            | 11.00 | 12"  |            |      |     |     |          | -      |
| PK 3-14.1           | SGR    |      | Sgr 2-1 Sgr 2-2 Sgr 3-1<br>Sgr 3-2 Sgr 4-1 | 10.90 | 4"   |            |      |     |     |          | -      |
| PK 355- 6.5         | SGR    |      | Sgr 2-2 Sgr 3-2                            | 11,70 | 5"   |            |      |     |     |          | -      |
| PK 358- 6.1         | SGR    |      | Sgr 2-2 Sgr 3-2                            | 12.00 | 10"  |            |      |     |     |          | -      |
| 12 planetary nebula |        |      |                                            |       |      |            |      |     |     |          |        |



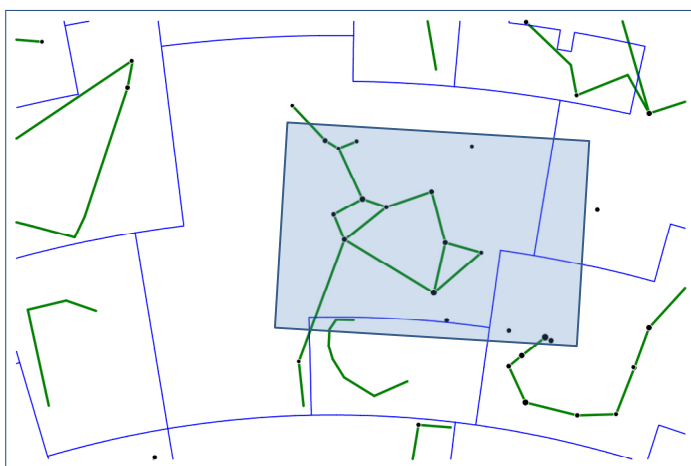
**Sgr 1-1**



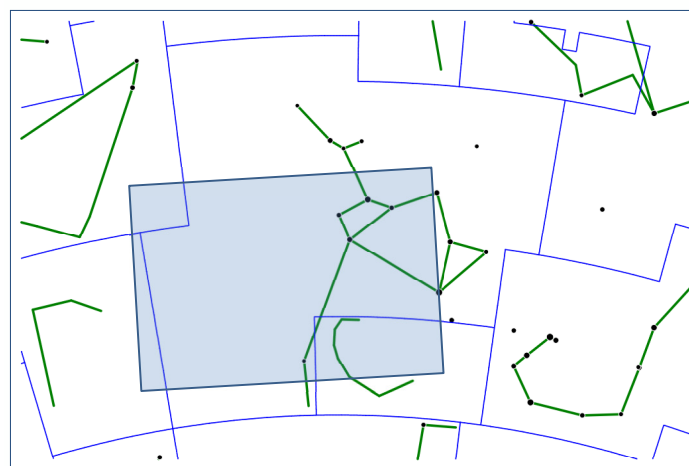
**Sgr 1-2**



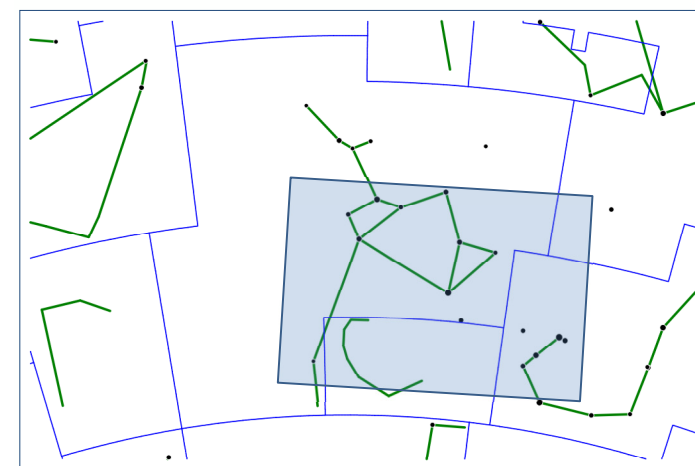
**Sgr 2-1**



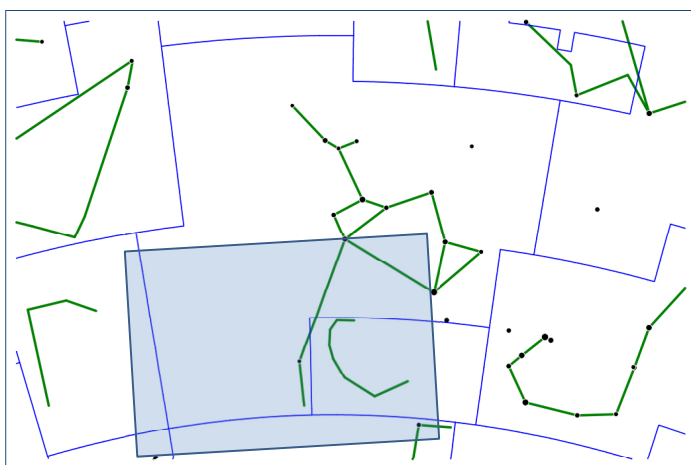
**Sgr 2-2**



**Sgr 3-1**

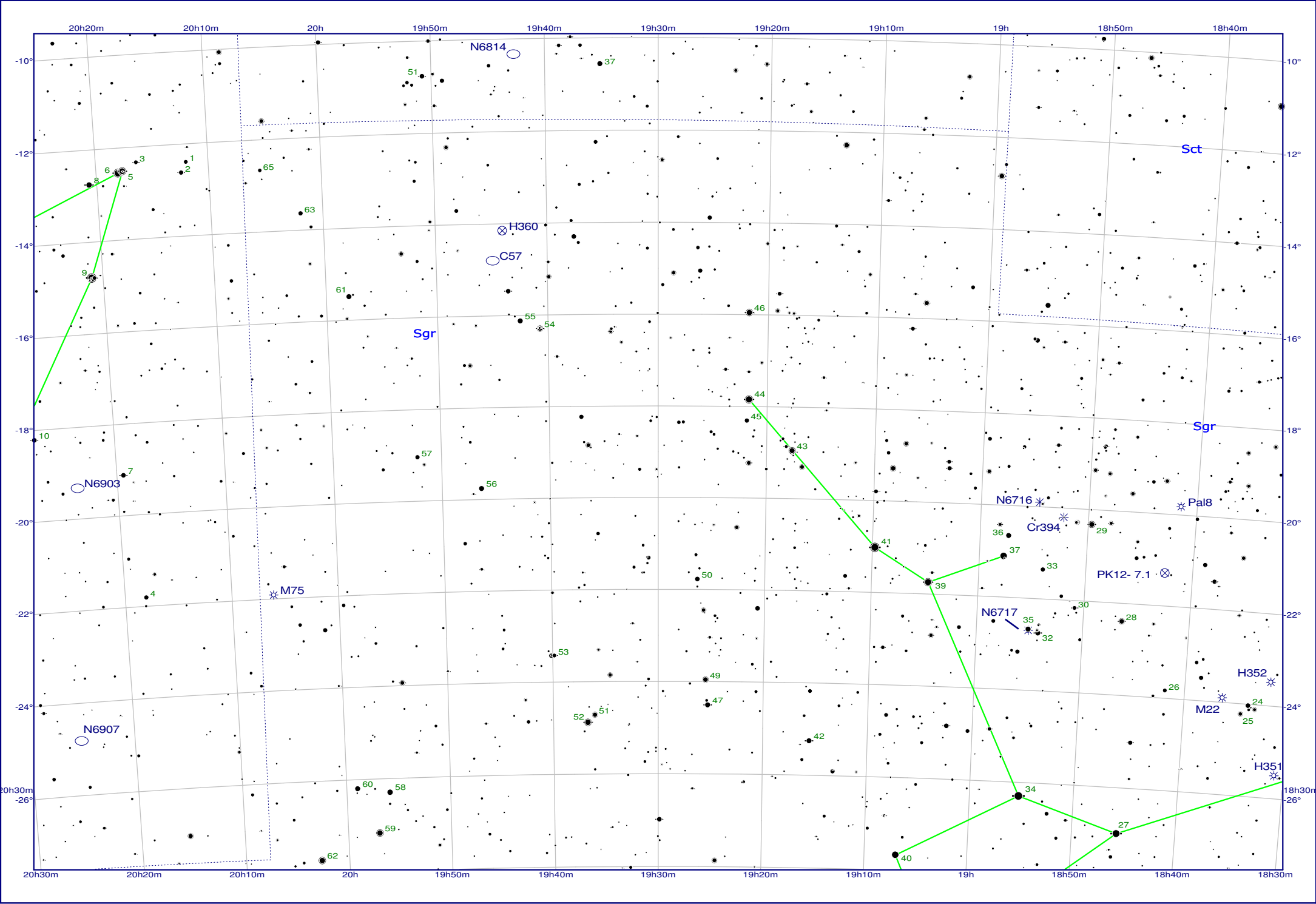


**Sgr 3-2**

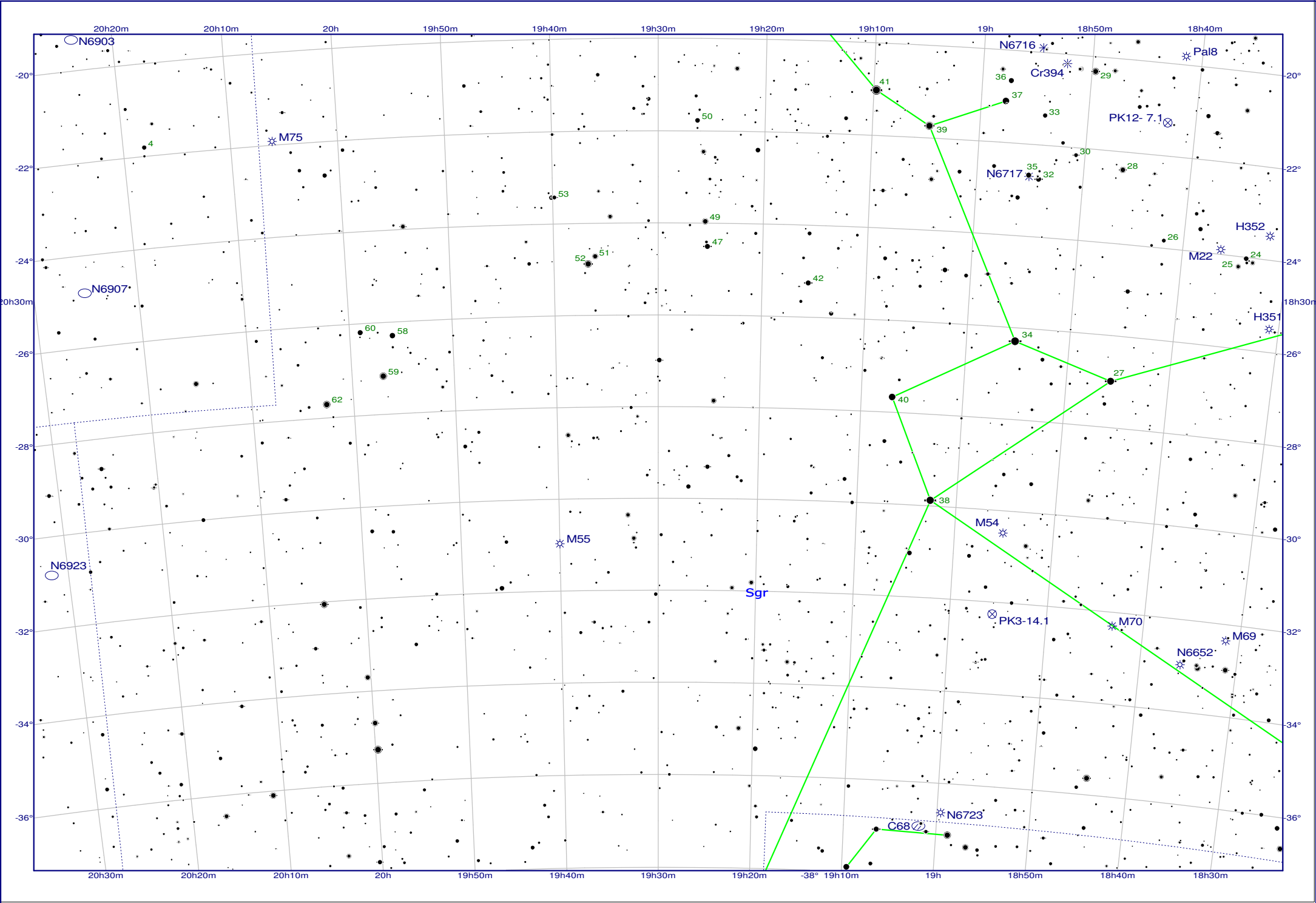


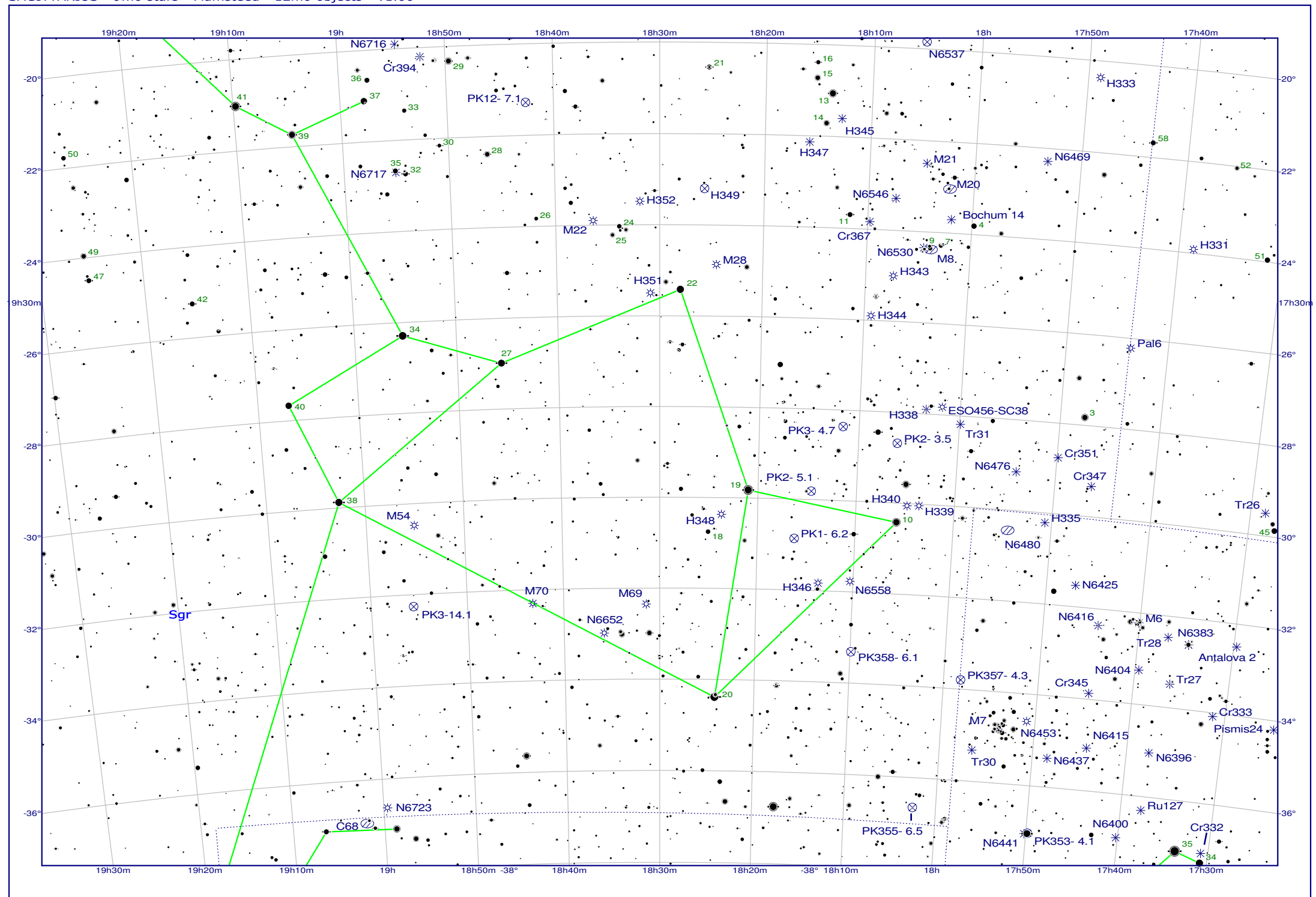
**Sgr 4-1**

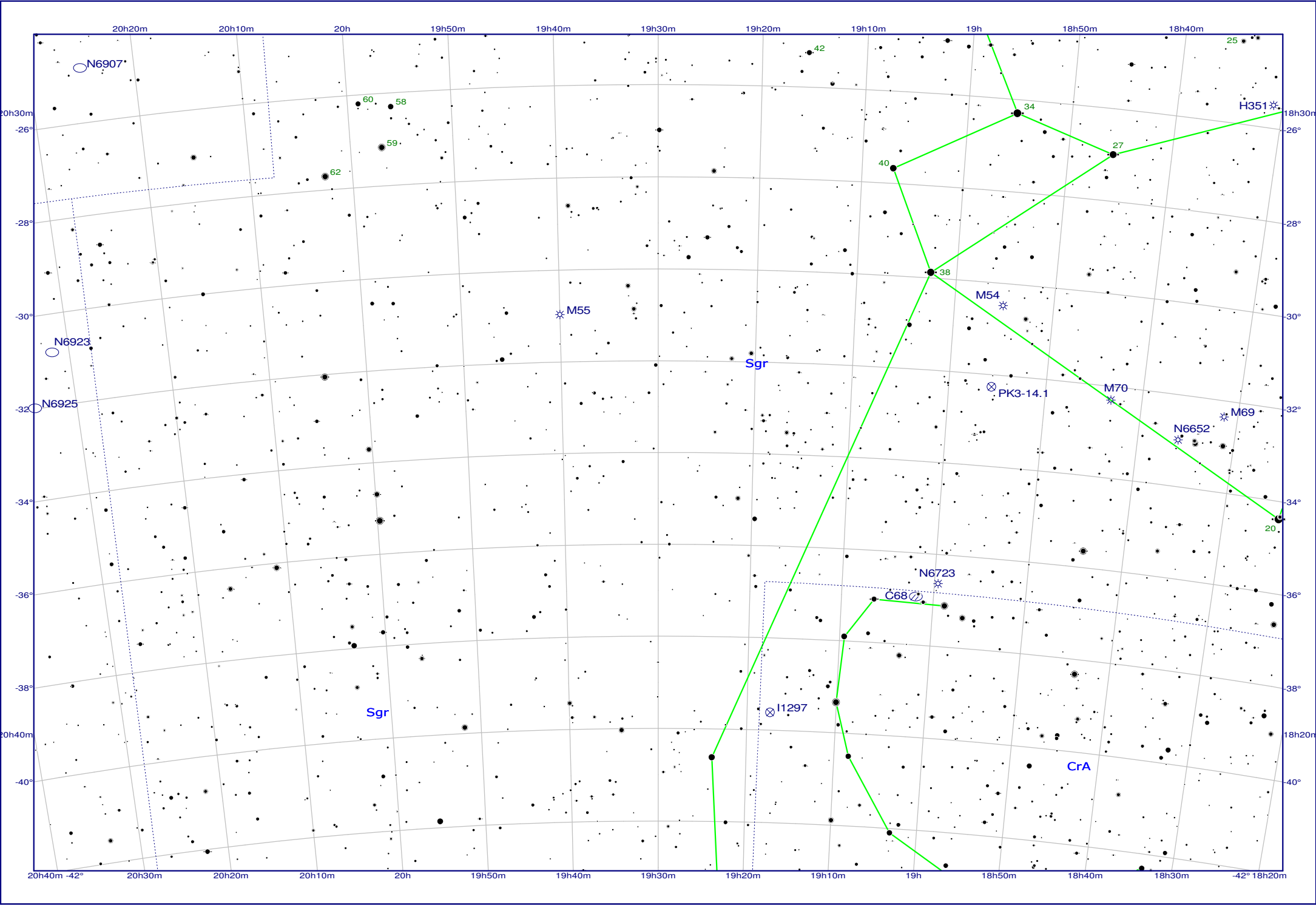
| Star map history |                                            |
|------------------|--------------------------------------------|
| V 1.00 (2014)    | Initial release<br>N6374 removed (= N6383) |



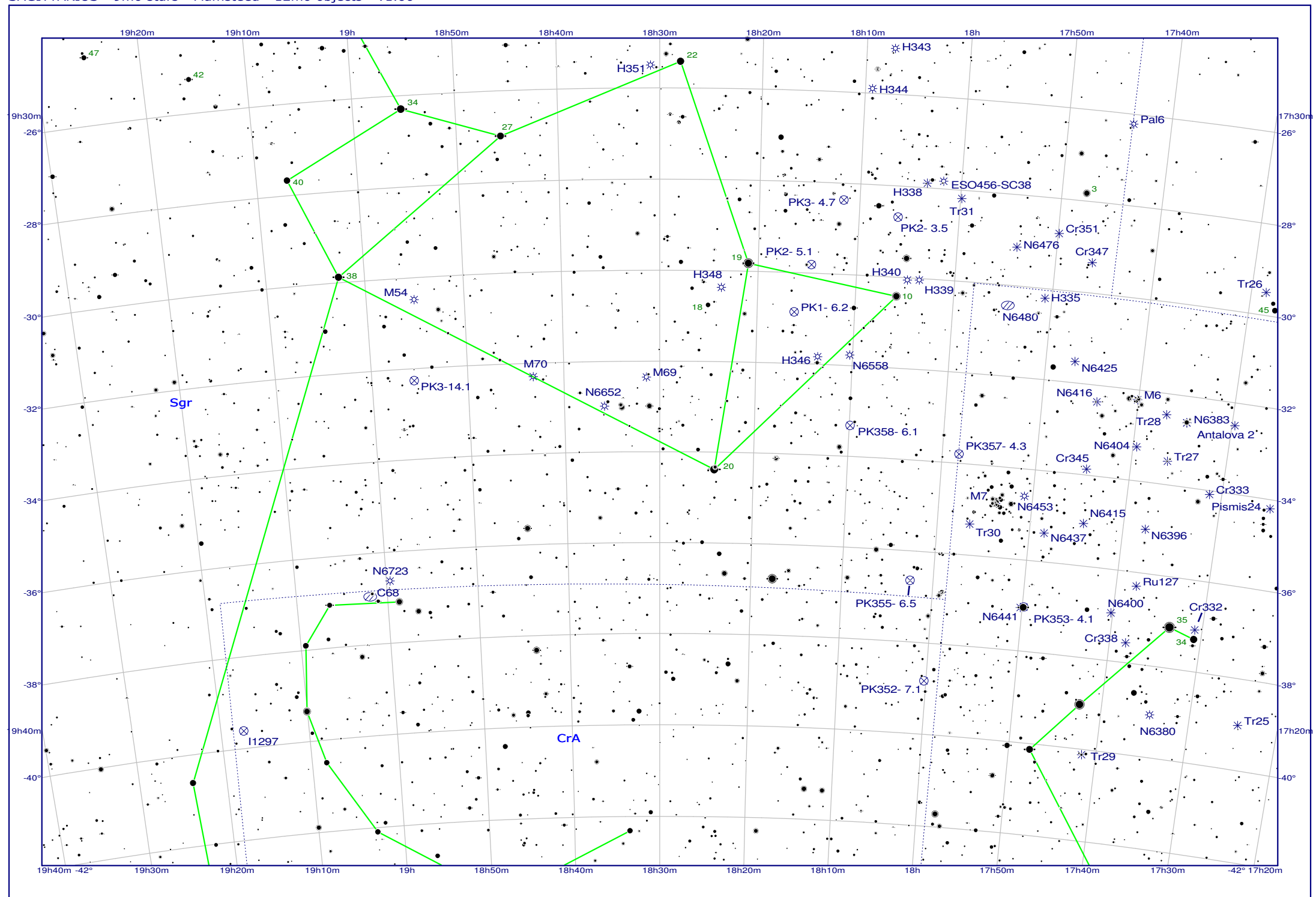


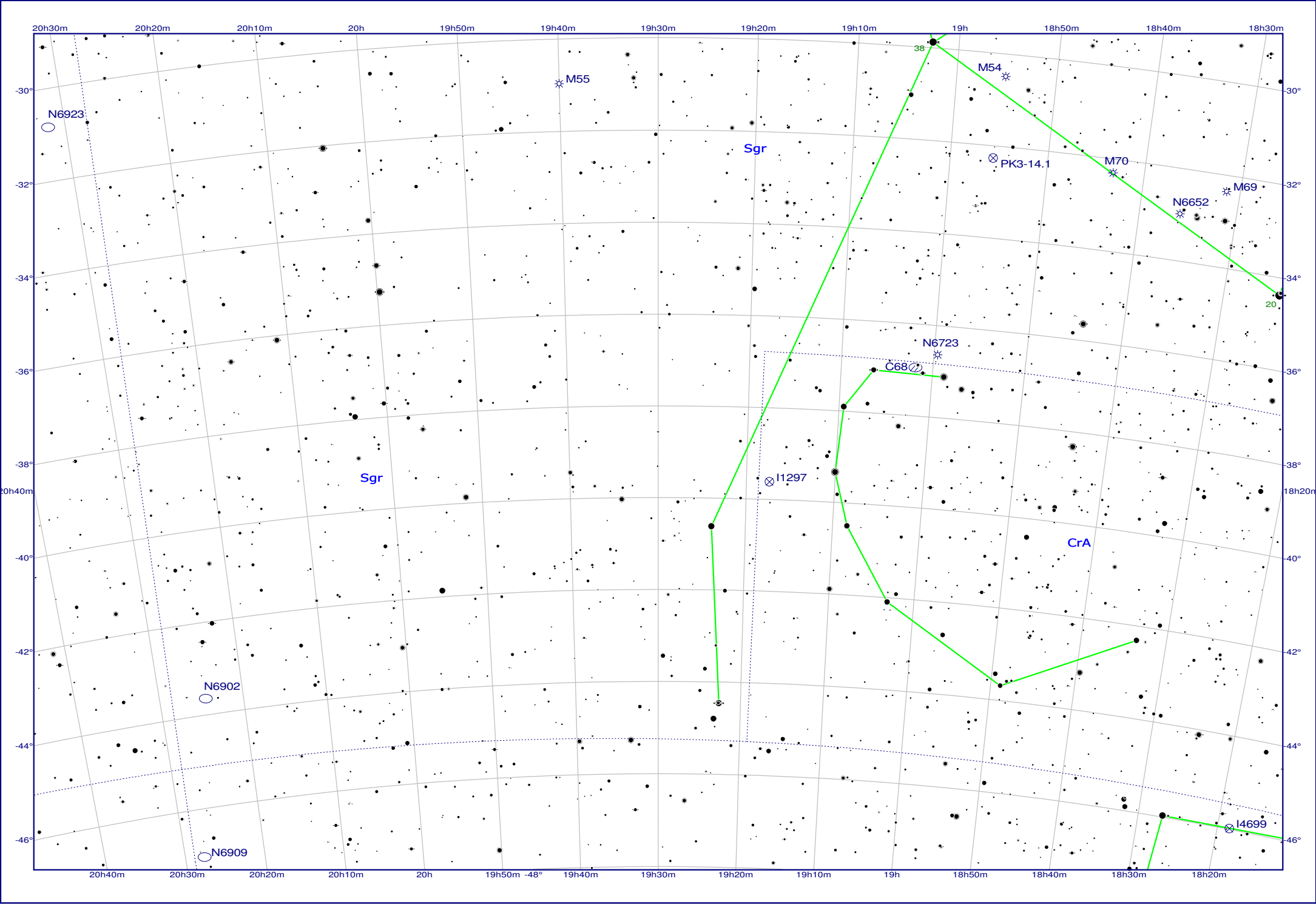












| Open clusters   |        |      |             |      |      |            |      |     |     |          |        |
|-----------------|--------|------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object          | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| Cr 394          | SGR    |      |             | 6.30 |      |            |      |     |     |          | -      |
| N6716           | SGR    |      |             | 7.50 |      |            |      |     |     |          | 6716   |
| 2 open clusters |        |      |             |      |      |            |      |     |     |          |        |

| Globular clusters   |        |      |             |       |      |            |      |     |     |          |        |
|---------------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object              | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| H351                | SGR    |      |             | 9.20  | 2.2' |            |      |     |     |          | 6638   |
| H352                | SGR    |      |             | 8.80  | 0.8' |            |      |     |     |          | 6642   |
| M22                 | SGR    |      |             | 5.10  | 9'   | n. eye     |      |     |     | 10000 Ly | 6656   |
| M75                 | SGR    |      |             | 8.50  | 1.5' | 10x50      |      |     |     | 60000 Ly | 6864   |
| N6717               | SGR    |      |             | 8.40  |      |            |      |     |     |          | 6717   |
| Pal 8               | SGR    |      |             | 10.90 |      |            |      |     |     |          | -      |
| 6 globular clusters |        |      |             |       |      |            |      |     |     |          |        |

| 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   |
| N6814      | AQL    |                  |             | 11.20 |        |            |      |     |     |           | 6814   |
| N6903      | CAP    |                  |             | 11.90 |        |            |      |     |     |           | 6903   |
| N6907      | CAP    |                  |             | 11.20 |        |            |      |     |     |           | 6907   |
| 4 galaxies |        |                  |             |       |        |            |      |     |     |           |        |

| Planetary nebula   |        |      |             |       |      |            |      |     |     |          |        |
|--------------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object             | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| H360               | SGR    |      |             | 10.00 | 22"  |            |      |     |     |          | 6818   |
| PK 12- 7.1         | SGR    |      |             | 12.00 | 10"  |            |      |     |     |          | -      |
| 2 planetary nebula |        |      |             |       |      |            |      |     |     |          |        |

| Open clusters    |        |              |                           |       |      |            |      |     |     |          |        |
|------------------|--------|--------------|---------------------------|-------|------|------------|------|-----|-----|----------|--------|
| Object           | Const. | Name         | Description               | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| Bochum 14        | SGR    |              |                           | 9.30  |      |            |      |     |     |          | -      |
| Cr 367           | SGR    |              |                           | 6.40  |      |            |      |     |     |          | -      |
| Cr 394           | SGR    |              |                           | 6.30  |      |            |      |     |     |          | -      |
| Cr 469           | SGR    |              |                           | 9.10  |      |            |      |     |     |          | -      |
| H338             | SGR    |              |                           | 8.00  | 6'   |            |      |     |     |          | 6520   |
| H345             | SGR    |              |                           | 9.00  | 13'  |            |      |     |     |          | 6568   |
| H347             | SGR    |              |                           | 10.00 | 2.8' |            |      |     |     |          | 6583   |
| H353             | SGR    |              |                           | 9.00  | 10'  |            |      |     |     |          | 6645   |
| M16              | SER    | Eagle nebula | in Eagle nebula IC4703    | 6.40  | 10'  | n. eye     | ++   | ++  | o   | 7000 Ly  | 6611   |
| M18              | SGR    |              |                           | 7.50  | 8'   | 10x50      |      |     |     | 4000 Ly  | 6613   |
| M21              | SGR    |              |                           | 6.50  | 7'   | 8x30       |      |     |     | 4000 Ly  | 6531   |
| M23              | SGR    |              |                           | 6.90  | 25'  | 8x30       |      |     |     | 2200 Ly  | 6494   |
| M25              | SGR    |              |                           | 6.50  | 30'  | n. eye     |      |     |     | 2500 Ly  | IC4725 |
| N6469            | SGR    |              |                           | 8.20  |      |            |      |     |     |          | 6469   |
| N6507            | SGR    |              |                           | 9.60  |      |            |      |     |     |          | 6507   |
| N6530            | SGR    |              |                           | 4.60  |      |            |      |     |     |          | 6530   |
| N6546            | SGR    |              |                           | 8.00  |      |            |      |     |     |          | 6546   |
| N6554            | SGR    |              |                           | 12.00 |      |            |      |     |     |          | 6554   |
| N6595            | SGR    |              |                           | 7.00  |      |            |      |     |     |          | 6595   |
| N6603            | SGR    |              | inside the star cloud M24 | 11.10 |      |            |      |     |     |          | 6603   |
| N6604            | SER    |              |                           | 6.50  |      |            | o    | ++  | +   |          | 6604   |
| N6605            | SER    |              |                           | 6.00  |      |            |      |     |     |          | 6605   |
| N6625            | SCT    |              |                           | 9.00  |      |            |      |     |     |          | 6625   |
| N6631            | SCT    |              |                           | 11.70 |      |            |      |     |     |          | 6631   |
| N6647            | SGR    |              |                           | 8.00  |      |            |      |     |     |          | 6647   |
| N6649            | SCT    |              |                           | 8.90  |      |            |      |     |     |          | 6649   |
| N6716            | SGR    |              |                           | 7.50  |      |            |      |     |     |          | 6716   |
| Tr 33            | SGR    |              |                           | 7.80  |      |            |      |     |     |          | -      |
| 28 open clusters |        |              |                           |       |      |            |      |     |     |          |        |

| Globular clusters    |        |      |             |       |      |            |      |     |     |          |        |
|----------------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object               | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| ESO 456-SC38         | SGR    |      |             | 9.90  |      |            |      |     |     |          | -      |
| H331                 | OPH    |      |             | 9.50  | 1'   |            |      |     |     |          | 6401   |
| H333                 | SGR    |      |             | 9.70  | 1.7' |            |      |     |     |          | 6440   |
| H343                 | SGR    |      |             | 8.30  | 8.4' |            |      |     |     |          | 6544   |
| H344                 | SGR    |      |             | 8.30  | 3.2' |            |      |     |     |          | 6553   |
| H351                 | SGR    |      |             | 9.20  | 2.2' |            |      |     |     |          | 6638   |
| H352                 | SGR    |      |             | 8.80  | 0.8' |            |      |     |     |          | 6642   |
| M22                  | SGR    |      |             | 5.10  | 9'   | n. eye     |      |     |     | 10000 Ly | 6656   |
| M28                  | SGR    |      |             | 6.80  | 5'   | 8x30       |      |     |     | 20000 Ly | 6626   |
| N6717                | SGR    |      |             | 8.40  |      |            |      |     |     |          | 6717   |
| Pal 6                | OPH    |      |             | 11.60 |      |            |      |     |     |          | -      |
| Pal 8                | SGR    |      |             | 10.90 |      |            |      |     |     |          | -      |
| 12 globular clusters |        |      |             |       |      |            |      |     |     |          |        |

| Nebula   |        |                           |                                 |      |            |            |      |     |     |          |        |
|----------|--------|---------------------------|---------------------------------|------|------------|------------|------|-----|-----|----------|--------|
| Object   | Const. | Name                      | Description                     | Vmag | Size       | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| M17      | SGR    | Omega nebula, Swan nebula |                                 | 7.00 | 20'x15'    | n. eye     | ++   | +   | -   | 6000 Ly  | 6618   |
| M20      | SGR    | Trifid nebula             |                                 | 9.00 | 15'x10'    | 10x50      | +/o  | +   | +/- | 6000 Ly  | 6514   |
| M24      | SGR    | Little star cloud         | includes the open Cluster N6603 | 4.60 | 1.5°x0.5°  | n. eye     |      |     |     | -        | 6603   |
| M8       | SGR    | Lagoon nebula             |                                 | 6.00 | 20'x10'/7' | n. eye     | ++   | ++  | o   | 6000 Ly  | 6523   |
| 4 nebula |        |                           |                                 |      |            |            |      |     |     |          |        |

| Planetary nebula   |        |      |             |       |      |            |      |     |     |          |        |
|--------------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object             | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| H349               | SGR    |      |             | 12.00 | 16'' |            |      |     |     |          | 6629   |
| N6537              | SGR    |      | Stellar     | 12.00 | 5''  |            | ++   | +   | -   |          | 6537   |
| N6567              | SGR    |      | Stellar     | 11.50 | 11'' |            |      |     |     |          | 6567   |
| PK 12- 7.1         | SGR    |      |             | 12.00 | 10'' |            |      |     |     |          | -      |
| PK 8+ 6.1          | OPH    |      |             | 11.00 | 10'' |            |      |     |     |          | -      |
| 5 planetary nebula |        |      |             |       |      |            |      |     |     |          |        |

| Open clusters   |        |      |             |      |      |            |      |     |     |          |        |
|-----------------|--------|------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object          | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| Cr 394          | SGR    |      |             | 6.30 |      |            |      |     |     |          | -      |
| N6716           | SGR    |      |             | 7.50 |      |            |      |     |     |          | 6716   |
| 2 open clusters |        |      |             |      |      |            |      |     |     |          |        |

| Globular clusters    |        |      |             |       |      |            |      |     |     |          |        |
|----------------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object               | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| H351                 | SGR    |      |             | 9.20  | 2.2' |            |      |     |     |          | 6638   |
| H352                 | SGR    |      |             | 8.80  | 0.8' |            |      |     |     |          | 6642   |
| M22                  | SGR    |      |             | 5.10  | 9'   | n. eye     |      |     |     | 10000 Ly | 6656   |
| M54                  | SGR    |      |             | 7.60  | 2.5' | 10x50      |      |     |     | 80000 Ly | 6715   |
| M55                  | SGR    |      |             | 6.30  | 12'  | 8x30       |      |     |     | 18000 Ly | 6809   |
| M69                  | SGR    |      |             | 7.60  | 2.5  | 10x50      |      |     |     | 30000 Ly | 6637   |
| M70                  | SGR    |      |             | 7.90  | 3'   | 10x50      |      |     |     | 30000 Ly | 6681   |
| M75                  | SGR    |      |             | 8.50  | 1.5' | 10x50      |      |     |     | 60000 Ly | 6864   |
| N6652                | SGR    |      |             | 8.50  |      |            |      |     |     |          | 6652   |
| N6717                | SGR    |      |             | 8.40  |      |            |      |     |     |          | 6717   |
| N6723                | SGR    |      |             | 6.80  |      |            |      |     |     |          | 6723   |
| Pal 8                | SGR    |      |             | 10.90 |      |            |      |     |     |          | -      |
| 12 globular clusters |        |      |             |       |      |            |      |     |     |          |        |

| Galaxies   |        |      |             |       |      |            |      |     |     |          |        |
|------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object     | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| N6903      | CAP    |      |             | 11.90 |      |            |      |     |     |          | 6903   |
| N6907      | CAP    |      |             | 11.20 |      |            |      |     |     |          | 6907   |
| N6923      | MIC    |      |             | 11.90 |      |            |      |     |     |          | 6923   |
| 3 galaxies |        |      |             |       |      |            |      |     |     |          |        |

| Nebula   |        |      |             |      |           |            |      |     |     |          |        |
|----------|--------|------|-------------|------|-----------|------------|------|-----|-----|----------|--------|
| Object   | Const. | Name | Description | Vmag | Size      | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| C68      | CRA    |      |             | 9.7  | 1.5'x0.5' | 80 mm      |      |     |     | 400 Ly   | 6729   |
| 1 nebula |        |      |             |      |           |            |      |     |     |          |        |

| Planetary nebula          |        |      |             |       |      |            |      |     |     |          |        |
|---------------------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object                    | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| PK 12- 7.1                | SGR    |      |             | 12.00 | 10"  |            |      |     |     |          | -      |
| PK 3-14.1                 | SGR    |      |             | 10.90 | 4"   |            |      |     |     |          | -      |
| <i>2 planetary nebula</i> |        |      |             |       |      |            |      |     |     |          |        |

| Open clusters    |             |                   |       |         |            |      |     |     |          |        |
|------------------|-------------|-------------------|-------|---------|------------|------|-----|-----|----------|--------|
| Object           | Const. Name | Description       | Vmag  | Size    | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| Antalova 2       | SCO         |                   | 8.80  |         |            |      |     |     |          | -      |
| Bochum 14        | SGR         |                   | 9.30  |         |            |      |     |     |          | -      |
| Cr 332           | SCO         |                   | 8.90  |         |            |      |     |     |          | -      |
| Cr 333           | SCO         |                   | 9.80  |         |            |      |     |     |          | -      |
| Cr 345           | SCO         |                   | 10.90 |         |            |      |     |     |          | -      |
| Cr 347           | SGR         |                   | 8.80  |         |            |      |     |     |          | -      |
| Cr 351           | SGR         |                   | 9.30  |         |            |      |     |     |          | -      |
| Cr 367           | SGR         |                   | 6.40  |         |            |      |     |     |          | -      |
| Cr 394           | SGR         |                   | 6.30  |         |            |      |     |     |          | -      |
| H335             | SCO         |                   | 8.00  | 8'      |            |      |     |     |          | 6451   |
| H338             | SGR         |                   | 8.00  | 6'      |            |      |     |     |          | 6520   |
| H345             | SGR         |                   | 9.00  | 13'     |            |      |     |     |          | 6568   |
| H347             | SGR         |                   | 10.00 | 2.8'    |            |      |     |     |          | 6583   |
| M21              | SGR         |                   | 6.50  | 7'      | 8x30       |      |     |     | 4000 Ly  | 6531   |
| M6               | SCO         | Butterfly cluster | 5.30  | 25'x20' | n. eye     |      |     |     | 1800 Ly  | 6405   |
| M7               | SCO         |                   | 4.10  | 80'     | n. eye     |      |     |     | 900 Ly   | 6475   |
| N6374            | SCO         | see N6383         | 9.00  |         |            |      |     |     |          | 6374   |
| N6383            | SCO         |                   | 5.50  |         |            |      |     |     |          | 6383   |
| N6396            | SCO         |                   | 8.50  |         |            |      |     |     |          | 6396   |
| N6400            | SCO         |                   | 8.80  |         |            |      |     |     |          | 6400   |
| N6404            | SCO         |                   | 10.60 |         |            |      |     |     |          | 6404   |
| N6415            | SCO         |                   | 12.00 |         |            |      |     |     |          | 6415   |
| N6416            | SCO         |                   | 5.70  |         |            |      |     |     |          | 6416   |
| N6425            | SCO         |                   | 7.20  |         |            |      |     |     |          | 6425   |
| N6437            | SCO         |                   | 12.00 |         |            |      |     |     |          | 6437   |
| N6469            | SGR         |                   | 8.20  |         |            |      |     |     |          | 6469   |
| N6476            | SGR         |                   | 12.00 |         |            |      |     |     |          | 6476   |
| N6530            | SGR         |                   | 4.60  |         |            |      |     |     |          | 6530   |
| N6546            | SGR         |                   | 8.00  |         |            |      |     |     |          | 6546   |
| N6716            | SGR         |                   | 7.50  |         |            |      |     |     |          | 6716   |
| Pismis 24        | SCO         |                   | 9.60  |         |            |      |     |     |          | -      |
| Ru 127           | SCO         |                   | 8.80  |         |            |      |     |     |          | -      |
| Tr 26            | OPH         |                   | 9.50  |         |            |      |     |     |          | -      |
| Tr 27            | SCO         |                   | 6.70  |         |            |      |     |     |          | -      |
| Tr 28            | SCO         |                   | 7.70  |         |            |      |     |     |          | -      |
| Tr 30            | SCO         |                   | 8.80  |         |            |      |     |     |          | -      |
| Tr 31            | SGR         |                   | 9.80  |         |            |      |     |     |          | -      |
| 37 open clusters |             |                   |       |         |            |      |     |     |          |        |

| Globular clusters    |             |             |       |      |            |      |     |     |          |        |
|----------------------|-------------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Objct                | Const. Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| ESO 456-SC38         | SGR         |             | 9.90  |      |            |      |     |     |          | -      |
| H331                 | OPH         |             | 9.50  | 1'   |            |      |     |     |          | 6401   |
| H333                 | SGR         |             | 9.70  | 1.7' |            |      |     |     |          | 6440   |
| H339                 | SGR         |             | 8.60  | 5.6' |            |      |     |     |          | 6522   |
| H340                 | SGR         |             | 9.50  | 3.7' |            |      |     |     |          | 6528   |
| H343                 | SGR         |             | 8.30  | 8.4' |            |      |     |     |          | 6544   |
| H344                 | SGR         |             | 8.30  | 3.2' |            |      |     |     |          | 6553   |
| H346                 | SGR         |             | 8.70  | 5.8' |            |      |     |     |          | 6569   |
| H348                 | SGR         |             | 8.30  | 5.9' |            |      |     |     |          | 6624   |
| H351                 | SGR         |             | 9.20  | 2.2' |            |      |     |     |          | 6638   |
| H352                 | SGR         |             | 8.80  | 0.8' |            |      |     |     |          | 6642   |
| M22                  | SGR         |             | 5.10  | 9'   | n. eye     |      |     |     | 10000 Ly | 6656   |
| M28                  | SGR         |             | 6.80  | 5'   | 8x30       |      |     |     | 20000 Ly | 6626   |
| M54                  | SGR         |             | 7.60  | 2.5' | 10x50      |      |     |     | 80000 Ly | 6715   |
| M69                  | SGR         |             | 7.60  | 2.5  | 10x50      |      |     |     | 30000 Ly | 6637   |
| M70                  | SGR         |             | 7.90  | 3'   | 10x50      |      |     |     | 30000 Ly | 6681   |
| N6441                | SCO         |             | 7.40  |      |            |      |     |     |          | 6441   |
| N6453                | SCO         |             | 10.20 |      |            |      |     |     |          | 6453   |
| N6558                | SGR         |             | 8.60  |      |            |      |     |     |          | 6558   |
| N6652                | SGR         |             | 8.50  |      |            |      |     |     |          | 6652   |
| N6717                | SGR         |             | 8.40  |      |            |      |     |     |          | 6717   |
| N6723                | SGR         |             | 6.80  |      |            |      |     |     |          | 6723   |
| Pal 6                | OPH         |             | 11.60 |      |            |      |     |     |          | -      |
| 23 globular clusters |             |             |       |      |            |      |     |     |          |        |

| Nebula   |             |               |       |            |            |      |     |     |          |        |
|----------|-------------|---------------|-------|------------|------------|------|-----|-----|----------|--------|
| Object   | Const. Name | Description   | Vmag  | Size       | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| C68      | CRA         |               | 9.7   | 1.5'x0.5'  | 80 mm      |      |     |     | 400 Ly   | 6729   |
| M20      | SGR         | Trifid nebula | 9.00  | 15'x10'    | 10x50      | +/o  | +   | +/- | 6000 Ly  | 6514   |
| M8       | SGR         | Lagoon nebula | 6.00  | 20'x10'/7' | n. eye     | ++   | ++  | o   | 6000 Ly  | 6523   |
| N6480    | SCO         |               | 12.00 |            |            |      |     |     |          | 6480   |
| 4 nebula |             |               |       |            |            |      |     |     |          |        |

| Planetary nebula                                                                                                                       |             |             |       |      |            |      |     |     |          |        |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object                                                                                                                                 | Const. Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| H349                                                                                                                                   | SGR         |             | 12.00 | 16"  |            |      |     |     |          | 6629   |
| N6537                                                                                                                                  | SGR         | Stellar     | 12.00 | 5"   |            | ++   | +   | -   |          | 6537   |
| PK 1- 6.2                                                                                                                              | SGR         |             | 11.80 | 5"   |            |      |     |     |          | -      |
| PK 12- 7.1                                                                                                                             | SGR         |             | 12.00 | 10"  |            |      |     |     |          | -      |
| PK 2- 3.5                                                                                                                              | SGR         |             | 9.30  | 10"  |            |      |     |     |          | -      |
| PK 2- 5.1                                                                                                                              | SGR         |             | 11.50 | 10"  |            |      |     |     |          | -      |
| PK 3- 4.7                                                                                                                              | SGR         |             | 11.00 | 12"  |            |      |     |     |          | -      |
| PK 3-14.1                                                                                                                              | SGR         |             | 10.90 | 4"   |            |      |     |     |          | -      |
| PK 353-4.1                                                                                                                             | SCO         |             | 12.00 | 10"  |            |      |     |     |          | -      |
| PK 355-6.5                                                                                                                             | SGR         |             | 11.70 | 5"   |            |      |     |     |          | -      |
| PK 357-4.3                                                                                                                             | SCO         |             | 8.50  | 2"   |            |      |     |     |          | -      |
| PK 358-6.1                                                                                                                             | SGR         |             | 12.00 | 10"  |            |      |     |     |          | -      |
| 12 planetary nebula                                                                                                                    |             |             |       |      |            |      |     |     |          |        |
| V1.00 - Last update: 22.11.2014 - ©2014 by Fred Van Gestel - <a href="http://www.vangestel.de/astro">http://www.vangestel.de/astro</a> |             |             |       |      |            |      |     |     |          |        |



| Globular clusters   |        |      |             |      |      |            |      |     |     |          |        |
|---------------------|--------|------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object              | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| H351                | SGR    |      |             | 9.20 | 2.2' |            |      |     |     |          | 6638   |
| M54                 | SGR    |      |             | 7.60 | 2.5' | 10x50      |      |     |     | 80000 Ly | 6715   |
| M55                 | SGR    |      |             | 6.30 | 12'  | 8x30       |      |     |     | 18000 Ly | 6809   |
| M69                 | SGR    |      |             | 7.60 | 2.5  | 10x50      |      |     |     | 30000 Ly | 6637   |
| M70                 | SGR    |      |             | 7.90 | 3'   | 10x50      |      |     |     | 30000 Ly | 6681   |
| N6652               | SGR    |      |             | 8.50 |      |            |      |     |     |          | 6652   |
| N6723               | SGR    |      |             | 6.80 |      |            |      |     |     |          | 6723   |
| 7 globular clusters |        |      |             |      |      |            |      |     |     |          |        |

| Galaxies   |        |      |             |       |      |            |      |     |     |          |        |
|------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object     | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| N6907      | CAP    |      |             | 11.20 |      |            |      |     |     |          | 6907   |
| N6923      | MIC    |      |             | 11.90 |      |            |      |     |     |          | 6923   |
| N6925      | MIC    |      |             | 11.30 |      |            |      |     |     |          | 6925   |
| 3 galaxies |        |      |             |       |      |            |      |     |     |          |        |

| Nebula   |        |      |             |      |           |            |      |     |     |          |        |
|----------|--------|------|-------------|------|-----------|------------|------|-----|-----|----------|--------|
| Object   | Const. | Name | Description | Vmag | Size      | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| C68      | CRA    |      |             | 9.7  | 1.5'x0.5' | 80 mm      |      |     |     | 400 Ly   | 6729   |
| 1 nebula |        |      |             |      |           |            |      |     |     |          |        |

| Planetary nebula   |        |      |             |       |      |            |      |     |     |          |        |
|--------------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object             | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| I1297              | CRA    |      | Stellar     | 11.50 | 8"   |            |      |     |     |          | IC1297 |
| PK 3-14.1          | SGR    |      |             | 10.90 | 4"   |            |      |     |     |          | -      |
| 2 planetary nebula |        |      |             |       |      |            |      |     |     |          |        |

Sgr 3-2

61 Objects

| Open clusters    |             |                   |       |         |            |      |     |     |          |        |
|------------------|-------------|-------------------|-------|---------|------------|------|-----|-----|----------|--------|
| Object           | Const. Name | Description       | Vmag  | Size    | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| Antalova 2       | SCO         |                   | 8,80  |         |            |      |     |     |          | -      |
| Cr 332           | SCO         |                   | 8,90  |         |            |      |     |     |          | -      |
| Cr 333           | SCO         |                   | 9,80  |         |            |      |     |     |          | -      |
| Cr 338           | SCO         |                   | 8,00  |         |            |      |     |     |          | -      |
| Cr 345           | SCO         |                   | 10,90 |         |            |      |     |     |          | -      |
| Cr 347           | SGR         |                   | 8,80  |         |            |      |     |     |          | -      |
| Cr 351           | SGR         |                   | 9,30  |         |            |      |     |     |          | -      |
| H335             | SCO         |                   | 8,00  | 8'      |            |      |     |     |          | 6451   |
| H338             | SGR         |                   | 8,00  | 6'      |            |      |     |     |          | 6520   |
| M6               | SCO         | Butterfly cluster | 5,30  | 25'x20' | n. eye     |      |     |     | 1800 Ly  | 6405   |
| M7               | SCO         |                   | 4,10  | 80'     | n. eye     |      |     |     | 900 Ly   | 6475   |
| N6374            | SCO         | see N6383         | 9,00  |         |            |      |     |     |          | 6374   |
| N6383            | SCO         |                   | 5,50  |         |            |      |     |     |          | 6383   |
| N6396            | SCO         |                   | 8,50  |         |            |      |     |     |          | 6396   |
| N6400            | SCO         |                   | 8,80  |         |            |      |     |     |          | 6400   |
| N6404            | SCO         |                   | 10,60 |         |            |      |     |     |          | 6404   |
| N6415            | SCO         |                   | 12,00 |         |            |      |     |     |          | 6415   |
| N6416            | SCO         |                   | 5,70  |         |            |      |     |     |          | 6416   |
| N6425            | SCO         |                   | 7,20  |         |            |      |     |     |          | 6425   |
| N6437            | SCO         |                   | 12,00 |         |            |      |     |     |          | 6437   |
| N6476            | SGR         |                   | 12,00 |         |            |      |     |     |          | 6476   |
| Pismis 24        | SCO         |                   | 9,60  |         |            |      |     |     |          | -      |
| Ru 127           | SCO         |                   | 8,80  |         |            |      |     |     |          | -      |
| Tr 25            | SCO         |                   | 11,70 |         |            |      |     |     |          | -      |
| Tr 26            | OPH         |                   | 9,50  |         |            |      |     |     |          | -      |
| Tr 27            | SCO         |                   | 6,70  |         |            |      |     |     |          | -      |
| Tr 28            | SCO         |                   | 7,70  |         |            |      |     |     |          | -      |
| Tr 29            | SCO         |                   | 7,50  |         |            |      |     |     |          | -      |
| Tr 30            | SCO         |                   | 8,80  |         |            |      |     |     |          | -      |
| Tr 31            | SGR         |                   | 9,80  |         |            |      |     |     |          | -      |
| 30 open clusters |             |                   |       |         |            |      |     |     |          |        |

| Globular clusters    |             |             |       |      |            |      |     |     |          |        |
|----------------------|-------------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object               | Const. Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| ESO 456-SC38         | SGR         |             | 9,90  |      |            |      |     |     |          | -      |
| H339                 | SGR         |             | 8,60  | 5,6' |            |      |     |     |          | 6522   |
| H340                 | SGR         |             | 9,50  | 3,7' |            |      |     |     |          | 6528   |
| H343                 | SGR         |             | 8,30  | 8,4' |            |      |     |     |          | 6544   |
| H344                 | SGR         |             | 8,30  | 3,2' |            |      |     |     |          | 6553   |
| H346                 | SGR         |             | 8,70  | 5,8' |            |      |     |     |          | 6569   |
| H348                 | SGR         |             | 8,30  | 5,9' |            |      |     |     |          | 6624   |
| H351                 | SGR         |             | 9,20  | 2,2' |            |      |     |     |          | 6638   |
| M54                  | SGR         |             | 7,60  | 2,5' | 10x50      |      |     |     | 80000 Ly | 6715   |
| M69                  | SGR         |             | 7,60  | 2,5  | 10x50      |      |     |     | 30000 Ly | 6637   |
| M70                  | SGR         |             | 7,90  | 3'   | 10x50      |      |     |     | 30000 Ly | 6681   |
| N6380                | SCO         |             | 11,50 |      |            |      |     |     |          | 6380   |
| N6441                | SCO         |             | 7,40  |      |            |      |     |     |          | 6441   |
| N6453                | SCO         |             | 10,20 |      |            |      |     |     |          | 6453   |
| N6558                | SGR         |             | 8,60  |      |            |      |     |     |          | 6558   |
| N6652                | SGR         |             | 8,50  |      |            |      |     |     |          | 6652   |
| N6723                | SGR         |             | 6,80  |      |            |      |     |     |          | 6723   |
| Pal 6                | OPH         |             | 11,60 |      |            |      |     |     |          | -      |
| 18 globular clusters |             |             |       |      |            |      |     |     |          |        |

| Nebula   |             |             |       |           |            |      |     |     |          |        |
|----------|-------------|-------------|-------|-----------|------------|------|-----|-----|----------|--------|
| Object   | Const. Name | Description | Vmag  | Size      | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| C68      | CRA         |             | 9,7   | 1,5'x0,5' | 80 mm      |      |     |     | 400 Ly   | 6729   |
| N6480    | SCO         |             | 12,00 |           |            |      |     |     |          | 6480   |
| 2 nebula |             |             |       |           |            |      |     |     |          |        |

| Planetary nebula    |             |             |       |      |            |      |     |     |          |        |
|---------------------|-------------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object              | Const. Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| I1297               | CRA         | Stellar     | 11,50 | 8"   |            |      |     |     |          | IC1297 |
| PK 1- 6,2           | SGR         |             | 11,80 | 5"   |            |      |     |     |          | -      |
| PK 2- 3,5           | SGR         |             | 9,30  | 10"  |            |      |     |     |          | -      |
| PK 2- 5,1           | SGR         |             | 11,50 | 10"  |            |      |     |     |          | -      |
| PK 3- 4,7           | SGR         |             | 11,00 | 12"  |            |      |     |     |          | -      |
| PK 3-14,1           | SGR         |             | 10,90 | 4"   |            |      |     |     |          | -      |
| PK 352-7,1          | CRA         | Stellar     | 11,40 | 2"   |            |      |     |     |          | -      |
| PK 353-4,1          | SCO         |             | 12,00 | 10"  |            |      |     |     |          | -      |
| PK 355-6,5          | SGR         |             | 11,70 | 5"   |            |      |     |     |          | -      |
| PK 357-4,3          | SCO         |             | 8,50  | 2"   |            |      |     |     |          | -      |
| PK 358-6,1          | SGR         |             | 12,00 | 10"  |            |      |     |     |          | -      |
| 11 planetary nebula |             |             |       |      |            |      |     |     |          |        |

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| Globular clusters   |        |      |             |      |      |            |      |     |     |          |        |
|---------------------|--------|------|-------------|------|------|------------|------|-----|-----|----------|--------|
| Object              | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| M54                 | SGR    |      |             | 7.60 | 2.5' | 10x50      |      |     |     | 80000 Ly | 6715   |
| M55                 | SGR    |      |             | 6.30 | 12'  | 8x30       |      |     |     | 18000 Ly | 6809   |
| M69                 | SGR    |      |             | 7.60 | 2.5  | 10x50      |      |     |     | 30000 Ly | 6637   |
| M70                 | SGR    |      |             | 7.90 | 3'   | 10x50      |      |     |     | 30000 Ly | 6681   |
| N6652               | SGR    |      |             | 8.50 |      |            |      |     |     |          | 6652   |
| N6723               | SGR    |      |             | 6.80 |      |            |      |     |     |          | 6723   |
| 6 globular clusters |        |      |             |      |      |            |      |     |     |          |        |

| Galaxies   |        |      |             |       |      |            |      |     |     |          |        |
|------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object     | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| N6902      | SGR    |      |             | 10.90 |      |            |      |     |     |          | 6902   |
| N6909      | TEL    |      |             | 11.70 |      |            |      |     |     |          | 6909   |
| N6923      | MIC    |      |             | 11.90 |      |            |      |     |     |          | 6923   |
| 3 galaxies |        |      |             |       |      |            |      |     |     |          |        |

| Nebula   |        |      |             |      |           |            |      |     |     |          |        |
|----------|--------|------|-------------|------|-----------|------------|------|-----|-----|----------|--------|
| Object   | Const. | Name | Description | Vmag | Size      | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| C68      | CRA    |      |             | 9.7  | 1.5'x0.5' | 80 mm      |      |     |     | 400 Ly   | 6729   |
| 1 nebula |        |      |             |      |           |            |      |     |     |          |        |

| Planetary nebula   |        |      |             |       |      |            |      |     |     |          |        |
|--------------------|--------|------|-------------|-------|------|------------|------|-----|-----|----------|--------|
| Object             | Const. | Name | Description | Vmag  | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
| I1297              | CRA    |      | Stellar     | 11.50 | 8"   |            |      |     |     |          | IC1297 |
| I4699              | TEL    |      | Stellar     | 12.00 | 13"  |            |      |     |     |          | IC4699 |
| PK 3-14.1          | SGR    |      |             | 10.90 | 4"   |            |      |     |     |          | -      |
| 3 planetary nebula |        |      |             |       |      |            |      |     |     |          |        |