

# Gemini

## 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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## Offene Sternhaufen

| Objekt   | Sternb. | Name | Seite(n)                | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|----------|---------|------|-------------------------|-------|-------|------------|------|-----|-----|------------|--------|
| Bochum 1 | GEM     |      | Gem 1-1 Gem 1-2 Gem 2-1 | 7.90  |       |            |      |     |     |            | -      |
| Cr 89    | GEM     |      | Gem 1-2 Gem 2-1         | 5.70  |       |            |      |     |     |            | -      |
| H101     | GEM     |      | Gem 1-1 Gem 2-1         | 8.30  | 10'   |            |      |     |     |            | 2420   |
| H69      | GEM     |      | Gem 1-2                 | 6.70  | 7'    |            |      |     |     |            | 2129   |
| H70      | GEM     |      | Gem 1-2                 | 8.60  | 5'    |            |      |     |     |            | 2158   |
| H81      | GEM     |      | Gem 1-1 Gem 1-2         | 10.00 | 7'    |            |      |     |     |            | 2266   |
| H85      | GEM     |      | Gem 2-1                 | 10.00 | 5'    |            |      |     |     |            | 2304   |
| H92      | GEM     |      | Gem 2-1                 | 10.00 | 9'    |            |      |     |     |            | 2355   |
| H98      | GEM     |      | Gem 2-1                 | 8.00  | 12'   |            |      |     |     |            | 2395   |
| I2157    | GEM     |      | Gem 1-2                 | 8.40  |       |            |      |     |     |            | IC2157 |
| M35      | GEM     |      | Gem 1-2                 | 5.30  | 28'   | Bl. Auge   |      |     |     | 2300 Ly    | 2168   |
| N2331    | GEM     |      | Gem 1-1 Gem 1-2         | 8.50  |       |            |      |     |     |            | 2331   |
| N2356    | GEM     |      | Gem 2-1                 | 9.70  |       |            |      |     |     |            | 2356   |

**13 offene Sternhaufen**

## Galaxien

| Objekt   | Sternb. | Name | Seite(n)                | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|----------|---------|------|-------------------------|-------|-------|------------|------|-----|-----|------------|--------|
| N2339    | GEM     |      | Gem 1-1 Gem 1-2 Gem 2-1 | 11.80 |       |            |      |     |     |            | 2339   |
| UGC 3691 | GEM     |      | Gem 2-1                 | 11.90 |       |            |      |     |     |            | -      |

**2 Galaxien**

## Nebel

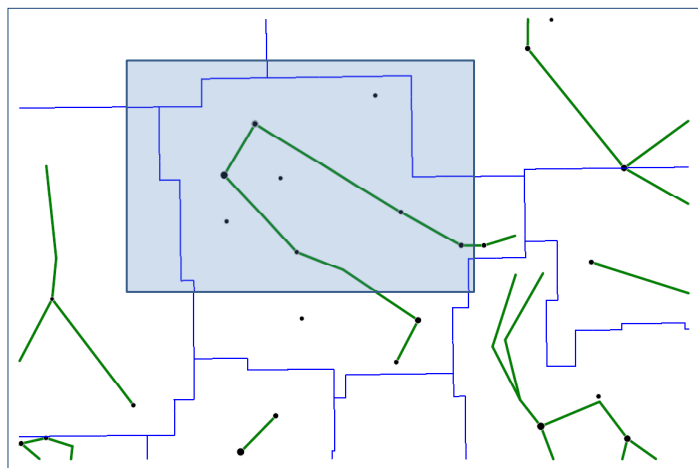
| Objekt | Sternb. | Name | Seite(n)        | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|--------|---------|------|-----------------|-------|-------|------------|------|-----|-----|------------|--------|
| I443   | GEM     |      | Gem 1-2 Gem 2-1 | 12.00 |       |            |      |     |     |            | IC443  |

**1 Nebel**

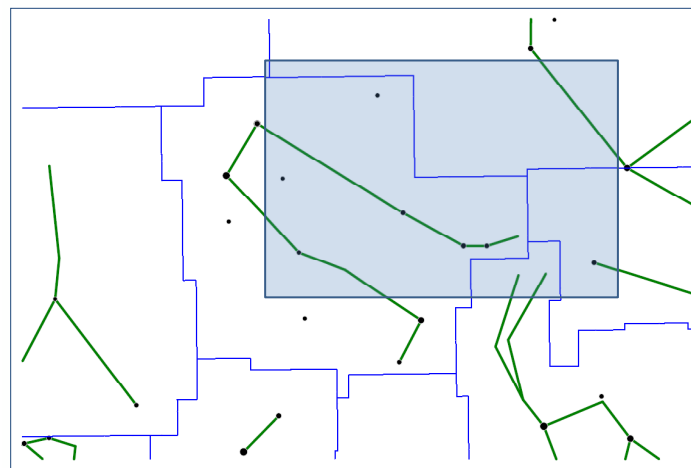
## Planetarische Nebel

| Objekt      | Sternb. | Name         | Seite(n)                | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|-------------|---------|--------------|-------------------------|-------|-------|------------|------|-----|-----|------------|--------|
| C39         | GEM     | Eskimonebel  | Gem 1-1 Gem 1-2 Gem 2-1 | 9.20  | 0.8'  | 10x50      | +    | ++  | -   | 2500 Ly    | 2392   |
| H96         | GEM     |              | Gem 1-1 Gem 1-2         | 0.00  | 74"   |            |      |     |     |            | 2372   |
| PK 205+14.1 | GEM     | Medusa Nebel | Gem 2-1                 | 11.30 | 10'   | 100x       | ++   | +   | -   |            | -      |

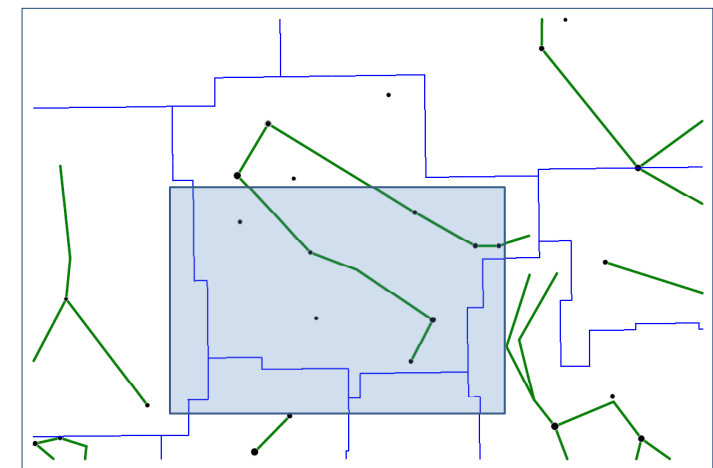
**3 planetarische Nebel**



**Gem 1-1**

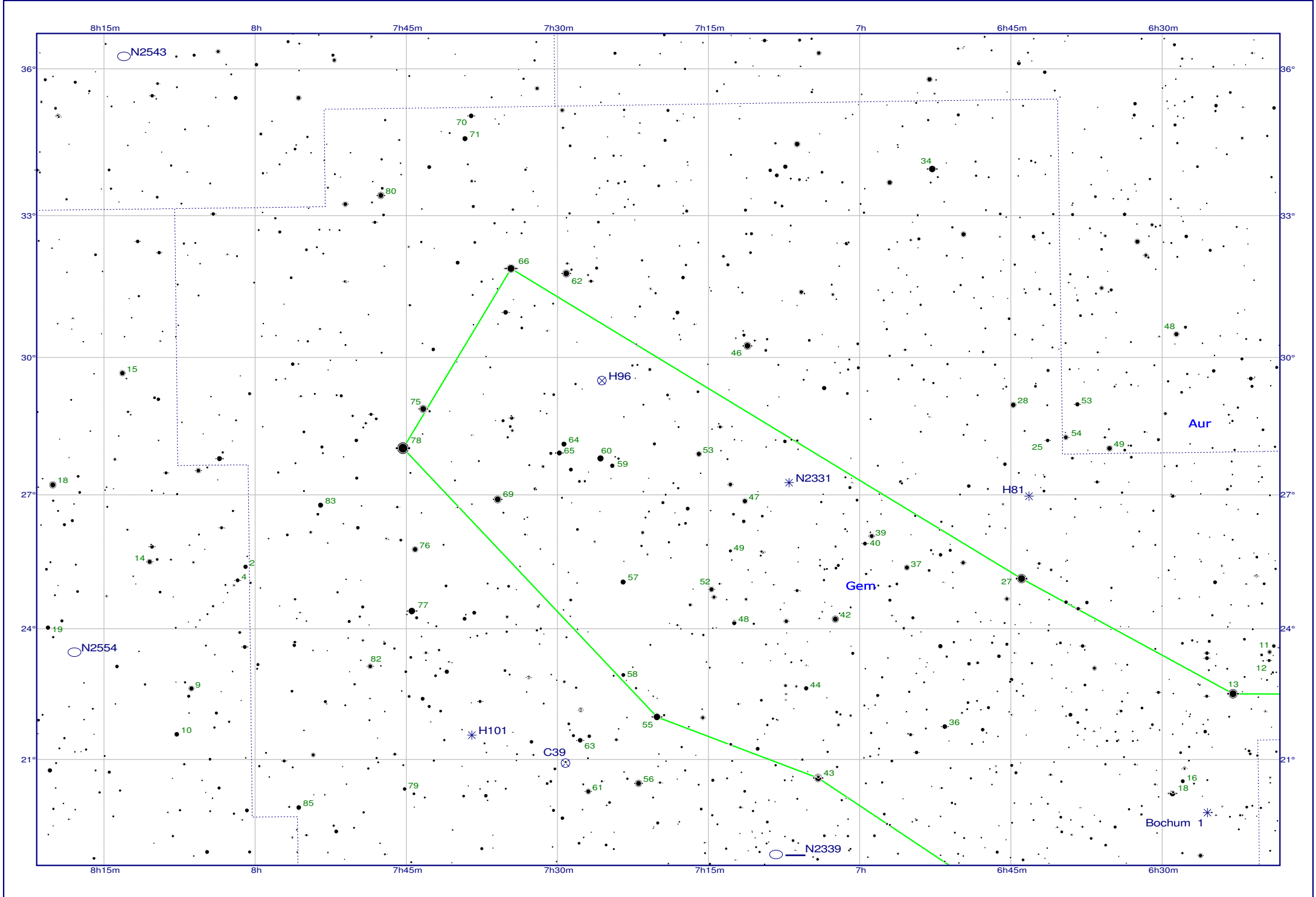


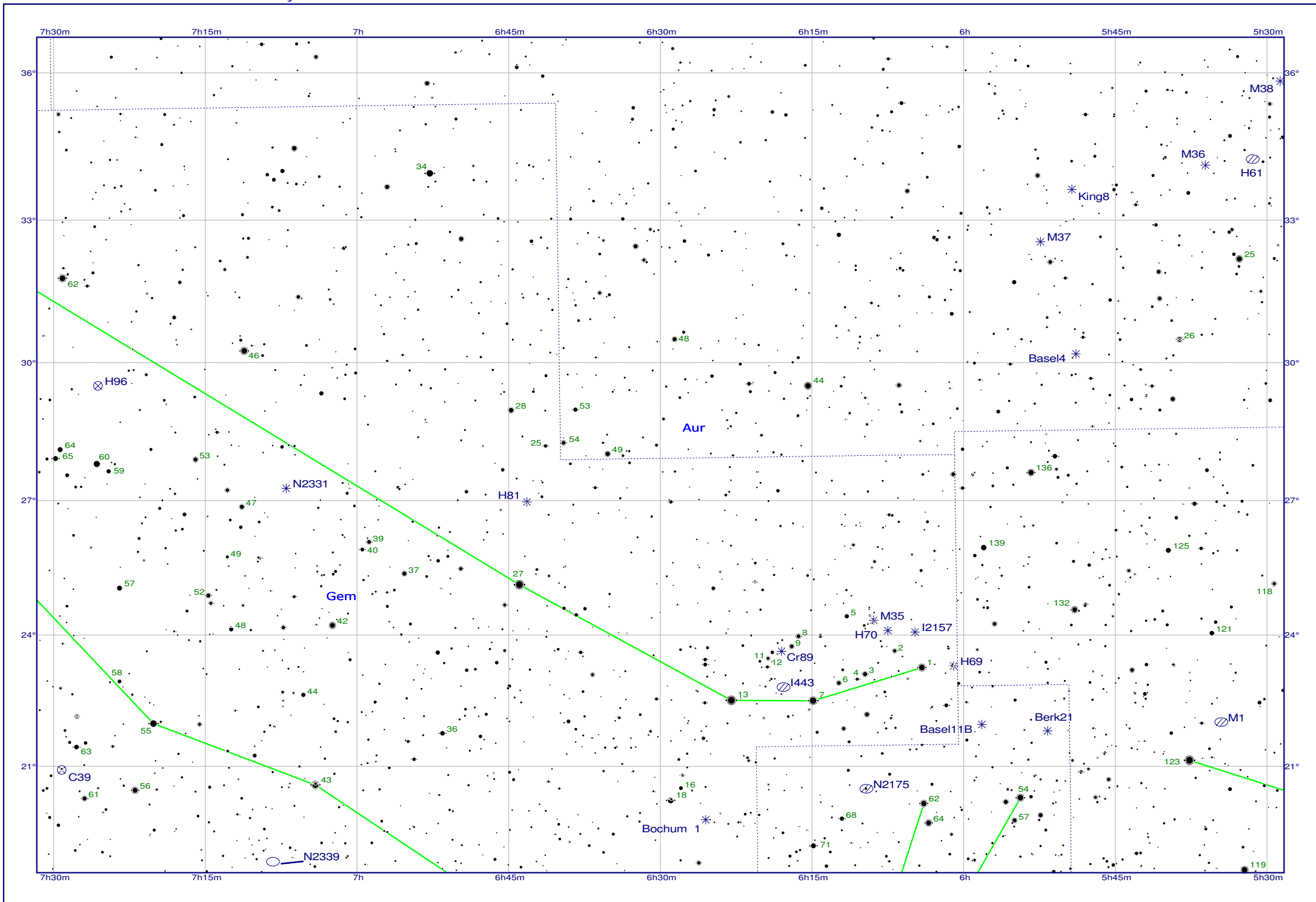
**Gem 1-2**

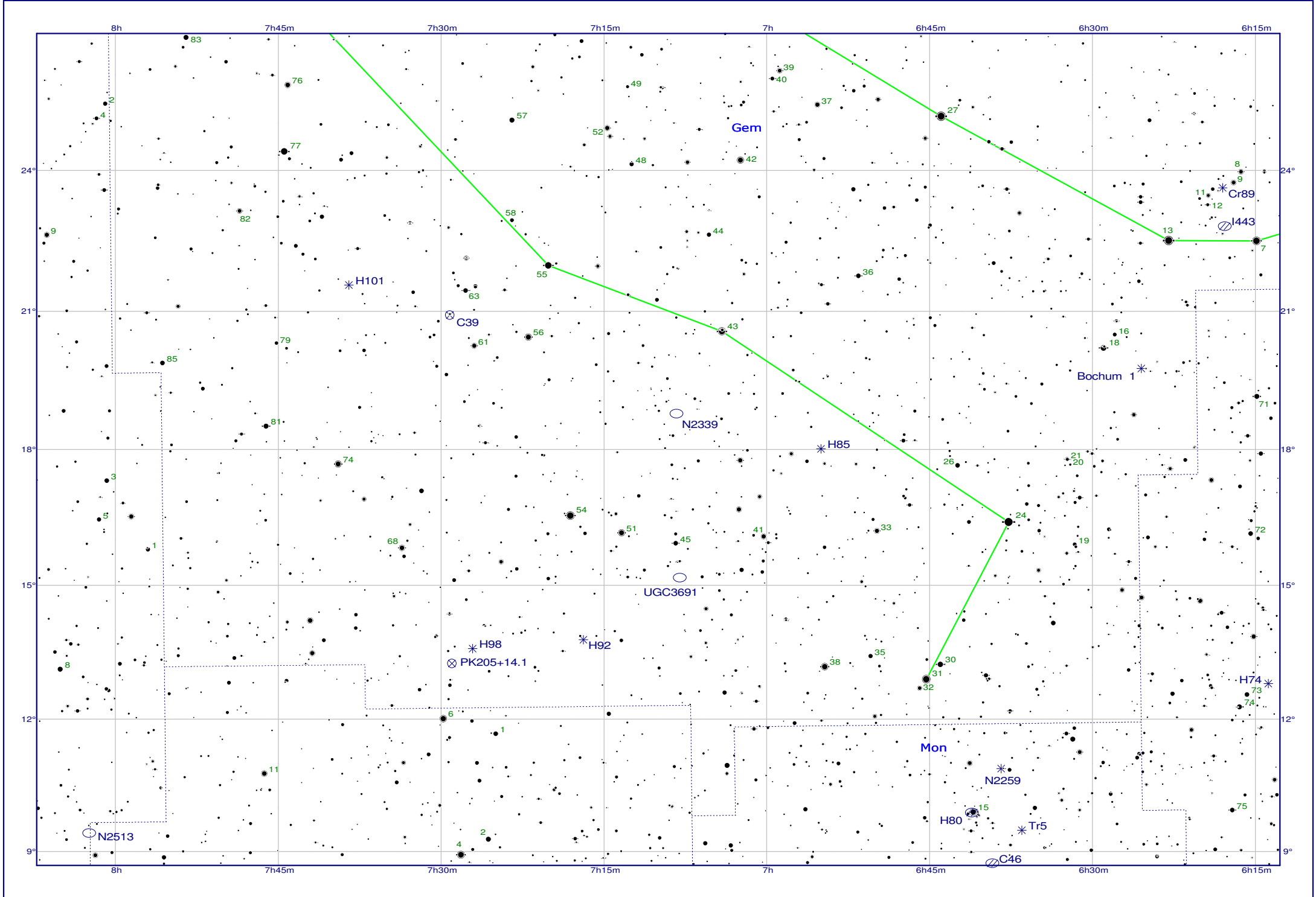


**Gem 2-1**

| Star map history   |                               |
|--------------------|-------------------------------|
| V 1.00 / 01 (2010) | Initial releases              |
| V 1.02 (2014)      | N2356 removed (= H92 / N2355) |







## Offene Sternhaufen

| Objekt   | Sternb. | Name | Beschreibung | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|----------|---------|------|--------------|-------|-------|------------|------|-----|-----|------------|--------|
| Bochum 1 | GEM     |      |              | 7.90  |       |            |      |     |     |            | -      |
| H101     | GEM     |      |              | 8.30  | 10'   |            |      |     |     |            | 2420   |
| H81      | GEM     |      |              | 10.00 | 7'    |            |      |     |     |            | 2266   |
| N2331    | GEM     |      |              | 8.50  |       |            |      |     |     |            | 2331   |

**4 offene Sternhaufen**

## Galaxien

| Objekt | Sternb. | Name | Beschreibung | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|--------|---------|------|--------------|-------|-------|------------|------|-----|-----|------------|--------|
| N2339  | GEM     |      |              | 11.80 |       |            |      |     |     |            | 2339   |
| N2543  | LYN     |      |              | 11.90 |       |            |      |     |     |            | 2543   |
| N2554  | CNC     |      |              | 12.00 |       |            |      |     |     |            | 2554   |

**3 Galaxien**

## Planetarische Nebel

| Objekt | Sternb. | Name        | Beschreibung | Vmag | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|--------|---------|-------------|--------------|------|-------|------------|------|-----|-----|------------|--------|
| C39    | GEM     | Eskimonebel |              | 9.20 | 0.8'  | 10x50      | +    | ++  | -   | 2500 Ly    | 2392   |
| H96    | GEM     |             |              | 0.00 | 74"   |            |      |     |     |            | 2372   |

**2 planetarische Nebel**

## Offene Sternhaufen

| Objekt    | Sternb. | Name | Beschreibung         | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|-----------|---------|------|----------------------|-------|-------|------------|------|-----|-----|------------|--------|
| Basel 11B | ORI     |      |                      | 8.90  |       |            |      |     |     |            | -      |
| Basel 4   | AUR     |      |                      | 9.10  |       |            |      |     |     |            | -      |
| Berk 21   | ORI     |      |                      | 11.10 |       |            |      |     |     |            | -      |
| Bochum 1  | GEM     |      |                      | 7.90  |       |            |      |     |     |            | -      |
| Cr 89     | GEM     |      |                      | 5.70  |       |            |      |     |     |            | -      |
| H69       | GEM     |      |                      | 6.70  | 7'    |            |      |     |     |            | 2129   |
| H70       | GEM     |      |                      | 8.60  | 5'    |            |      |     |     |            | 2158   |
| H81       | GEM     |      |                      | 10.00 | 7'    |            |      |     |     |            | 2266   |
| I2157     | GEM     |      |                      | 8.40  |       |            |      |     |     |            | IC2157 |
| King 8    | AUR     |      |                      | 11.20 |       |            |      |     |     |            | -      |
| M35       | GEM     |      | hell und sternreich  | 5.30  | 28'   | Bl. Auge   |      |     |     | 2300 Ly    | 2168   |
| M36       | AUR     |      | kompakt, Sternketten | 6.30  | 12'   | 3.5x15     |      |     |     | 4000 Ly    | 1960   |
| M37       | AUR     |      | sehr sternreich      | 6.20  | 16'   | 3.5x15     |      |     |     | 4000 Ly    | 2099   |
| M38       | AUR     |      | n-förmig, sternreich | 7.40  | 25'   | 3.5x15     |      |     |     | 4000 Ly    | 1912   |
| N2331     | GEM     |      |                      | 8.50  |       |            |      |     |     |            | 2331   |

**15 offene Sternhaufen**

## Galaxien

| Objekt | Sternb. | Name | Beschreibung | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|--------|---------|------|--------------|-------|-------|------------|------|-----|-----|------------|--------|
| N2339  | GEM     |      |              | 11.80 |       |            |      |     |     |            | 2339   |

**1 Galaxie**

## Nebel

| Objekt | Sternb. | Name       | Beschreibung      | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|--------|---------|------------|-------------------|-------|-------|------------|------|-----|-----|------------|--------|
| H61    | AUR     |            |                   | 11.30 | 3'    |            |      |     |     |            | 1931   |
| I443   | GEM     |            |                   | 12.00 |       |            |      |     |     |            | IC443  |
| M1     | TAU     | Krebsnebel | Supernovaüberrest | 8.40  | 5'x4' | 10x50      | +    | +   | -   | 4000 Ly    | 1952   |
| N2175  | ORI     |            |                   | 6.80  |       |            |      |     |     |            | 2175   |

**4 Nebel**

## Planetarische Nebel

| Objekt | Sternb. | Name        | Beschreibung | Vmag | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|--------|---------|-------------|--------------|------|-------|------------|------|-----|-----|------------|--------|
| C39    | GEM     | Eskimonebel |              | 9.20 | 0.8'  | 10x50      | +    | ++  | -   | 2500 Ly    | 2392   |
| H96    | GEM     |             |              | 0.00 | 74"   |            |      |     |     |            | 2372   |

**2 planetarische Nebel**



## Offene Sternhaufen

| Objekt   | Sternb. | Name | Beschreibung      | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|----------|---------|------|-------------------|-------|-------|------------|------|-----|-----|------------|--------|
| Bochum 1 | GEM     |      |                   | 7.90  |       |            |      |     |     |            | -      |
| Cr 89    | GEM     |      |                   | 5.70  |       |            |      |     |     |            | -      |
| H101     | GEM     |      |                   | 8.30  | 10'   |            |      |     |     |            | 2420   |
| H74      | ORI     |      |                   | 8.50  | 10'   |            |      |     |     |            | 2194   |
| H85      | GEM     |      |                   | 10.00 | 5'    |            |      |     |     |            | 2304   |
| H92      | GEM     |      |                   | 10.00 | 9'    |            |      |     |     |            | 2355   |
| H98      | GEM     |      |                   | 8.00  | 12'   |            |      |     |     |            | 2395   |
| N2259    | MON     |      |                   | 10.80 |       |            |      |     |     |            | 2259   |
| N2356    | GEM     |      | siehe H92 (N2355) | 9.70  |       |            |      |     |     |            | 2356   |
| Tr 5     | MON     |      |                   | 10.90 |       |            |      |     |     |            | -      |

**10 offene Sternhaufen**

## Galaxien

| Objekt   | Sternb. | Name | Beschreibung | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|----------|---------|------|--------------|-------|-------|------------|------|-----|-----|------------|--------|
| N2339    | GEM     |      |              | 11.80 |       |            |      |     |     |            | 2339   |
| N2513    | CNC     |      |              | 11.60 |       |            |      |     |     |            | 2513   |
| UGC 3691 | GEM     |      |              | 11.90 |       |            |      |     |     |            | -      |

**3 Galaxien**

## Nebel

| Objekt | Sternb. | Name                         | Beschreibung | Vmag  | Größe   | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|--------|---------|------------------------------|--------------|-------|---------|------------|------|-----|-----|------------|--------|
| C46    | MON     | Hubbles Veränderlicher Nebel |              | 10.00 | 1.5'x1' | 50 mm      |      |     |     | 3000 Ly    | 2261   |
| H80    | MON     |                              |              | 3.90  | 20'     |            | o    | +   | -   |            | 2264   |
| I443   | GEM     |                              |              | 12.00 |         |            |      |     |     |            | IC443  |

**3 Nebel**

## Planetarische Nebel

| Objekt      | Sternb. | Name         | Beschreibung | Vmag  | Größe | Instrument | OIII | UHC | H-β | Entfernung | NGC/IC |
|-------------|---------|--------------|--------------|-------|-------|------------|------|-----|-----|------------|--------|
| C39         | GEM     | Eskimonebel  |              | 9.20  | 0.8'  | 10x50      | +    | ++  | -   | 2500 Ly    | 2392   |
| PK 205+14.1 | GEM     | Medusa Nebel |              | 11.30 | 10'   | 100x       | ++   | +   | -   |            | -      |

**2 planetarische Nebel**