

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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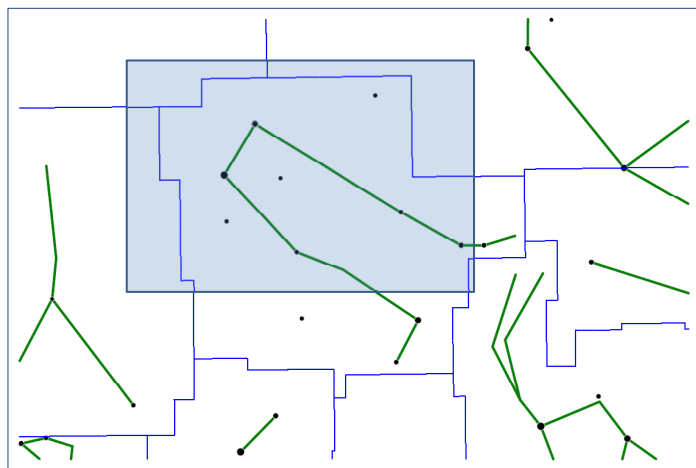


Open clusters											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Bochum 1	GEM		Gem 1-1 Gem 1-2 Gem 2-1	7.90							-
Cr 89	GEM		Gem 1-2 Gem 2-1	5.70							-
H101	GEM		Gem 1-1 Gem 2-1	8.30	10'						2420
H69	GEM		Gem 1-2	6.70	7'						2129
H70	GEM		Gem 1-2	8.60	5'						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'	n. eye				2300 Ly	2168
N2331	GEM		Gem 1-1 Gem 1-2	8.50							2331
N2356	GEM		Gem 2-1	9.70							2356
13 open clusters											

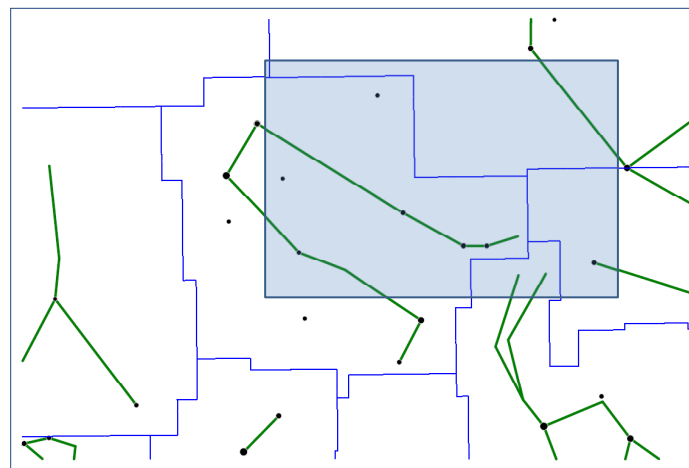
Galaxies											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N2339	GEM		Gem 1-1 Gem 1-2 Gem 2-1	11.80							2339
UGC 3691	GEM		Gem 2-1	11.90							-
2 galaxies											

Nebula											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I443	GEM		Gem 1-2 Gem 2-1	12.00							IC443
1 nebula											

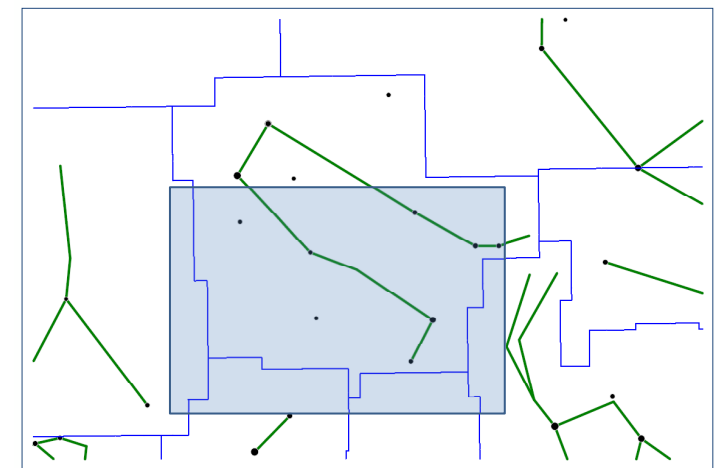
Planetary nebula											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C39	GEM	Eskimo nebula	Gem 1-1 Gem 1-2 Gem 2-1	9.20	0.8'	10x50	+	++	-	2500 Ly	2392
H96	GEM		Gem 1-1 Gem 1-2	0.00	74"						2372
PK 205+14.1	GEM	Medusa nebula	Gem 2-1	11.30	10'	100x	++	+	-		-
3 planetary nebula											



Gem 1-1

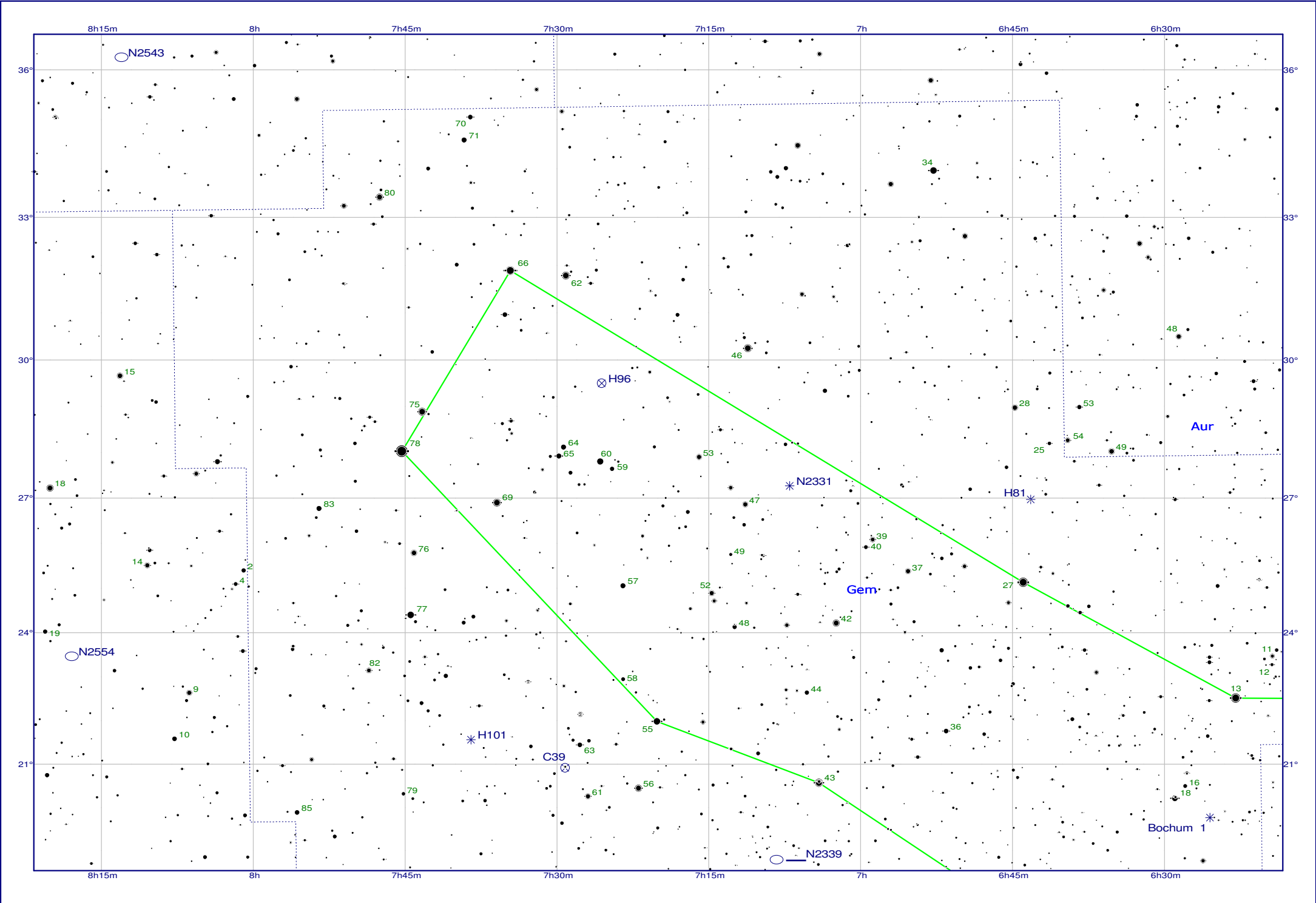


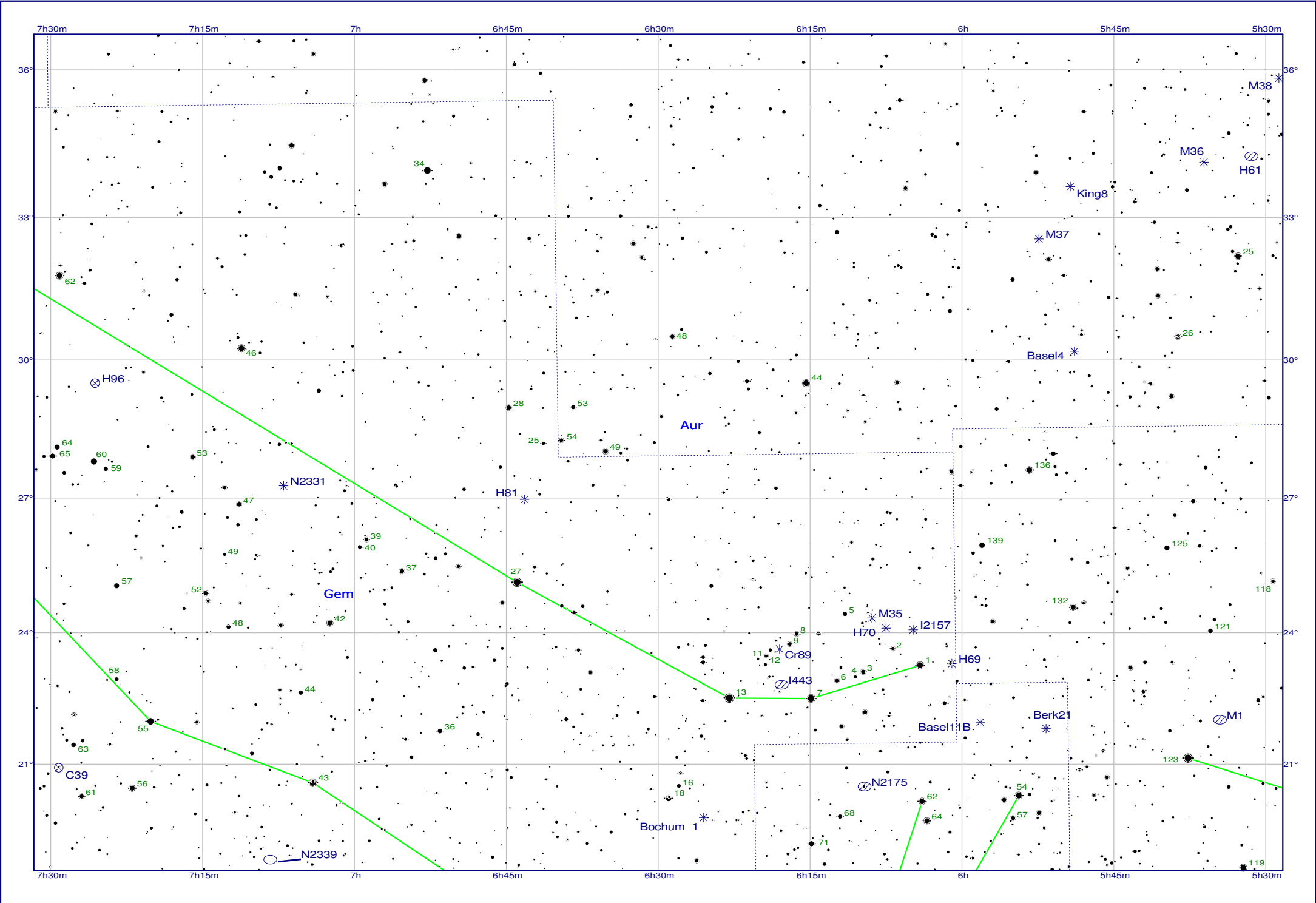
Gem 1-2

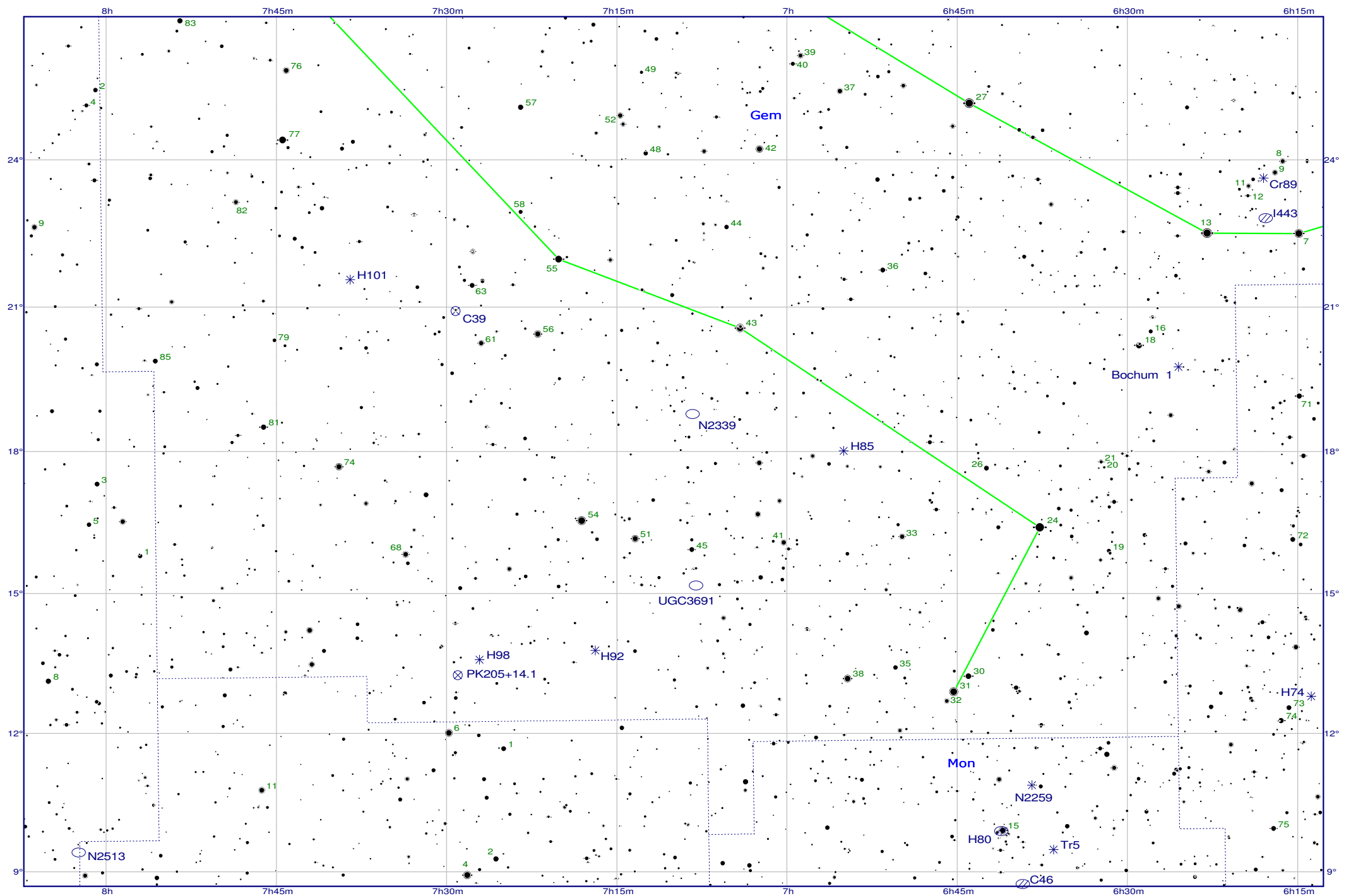


Gem 2-1

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







Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	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 open clusters											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N2339	GEM			11.80							2339
N2543	LYN			11.90							2543
N2554	CNC			12.00							2554
3 galaxies											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C39	GEM	Eskimo nebula		9.20	0.8'	10x50	+	++	-	2500 Ly	2392
H96	GEM			0.00	74"						2372
2 planetary nebula											

Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	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			5.30	28'	n. eye				2300 Ly	2168
M36	AUR			6.30	12'	3.5x15				4000 Ly	1960
M37	AUR			6.20	16'	3.5x15				4000 Ly	2099
M38	AUR			7.40	25'	3.5x15				4000 Ly	1912
N2331	GEM			8.50							2331
15 open clusters											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N2339	GEM			11.80							2339
1 <i>galaxie</i>											

Nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H61	AUR			11.30	3'						1931
I443	GEM			12.00							IC443
M1	TAU	Crab nebula		8.40	5'x4'	10x50	+	+	-	4000 Ly	1952
N2175	ORI			6.80							2175
4 nebula											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C39	GEM	Eskimo nebula		9.20	0.8'	10x50	+	++	-	2500 Ly	2392
H96	GEM			0.00	74"						2372
2 planetary nebula											

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	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		see H92 (N2355)	9.70							2356
Tr 5	MON			10.90							-

10 open clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N2339	GEM			11.80							2339
N2513	CNC			11.60							2513
UGC 3691	GEM			11.90							-

3 galaxies

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C46	MON	Hubble's variable nebula		10.00	1.5'x1'	50 mm				3000 Ly	2261
H80	MON			3.90	20'		o	+	-		2264
I443	GEM			12.00							IC443

3 nebula

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C39	GEM	Eskimo nebula		9.20	0.8'	10x50	+	++	-	2500 Ly	2392
PK 205+14.1	GEM	Medusa nebula		11.30	10'	100x	++	+	-		-

2 planetary nebula