

Monoceros

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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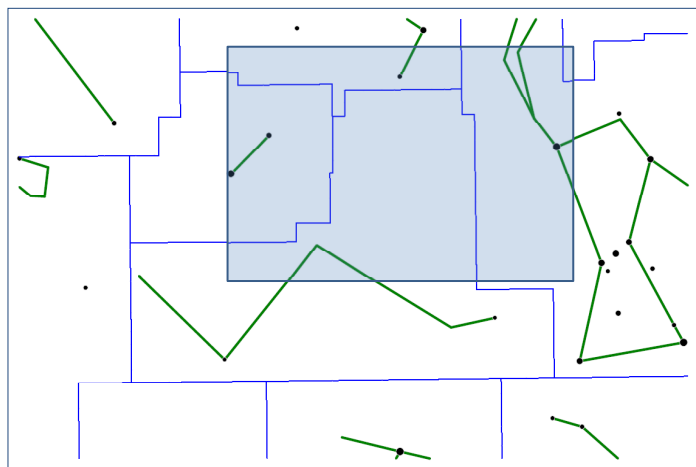


Open clusters											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 7	MON		Mon 1-1	8.50							-
Biur 10	MON		Mon 1-1 Mon 2-1 Mon 2-2	10.40							-
Bochum 2	MON		Mon 1-1 Mon 2-1 Mon 2-2	9.70							-
Bochum 3	MON		Mon 2-1 Mon 2-2	9.90							-
C50	MON		Mon 1-1	4.80	23'	n. eye				5000 Ly	2244
C54	MON		Mon 2-1	7.60	12'					10000 Ly	2506
Cr 104	MON		Mon 1-1	9.60							-
Cr 106	MON		Mon 1-1	4.60							-
Cr 107	MON		Mon 1-1	5.10							-
Cr 110	MON		Mon 1-1 Mon 2-1 Mon 2-2	10.50							-
Cr 111	MON		Mon 1-1	7.00							-
Cr 115	MON		Mon 1-1 Mon 2-1 Mon 2-2	9.10							-
Cr 465	MON		Mon 2-1 Mon 2-2	10.10							-
Cr 466	MON		Mon 2-1 Mon 2-2	11.10							-
Cr 91	MON		Mon 1-1 Mon 2-2	6.40							-
Cr 92	MON		Mon 1-1	8.50							-
Cr 96	MON		Mon 1-1 Mon 2-2	7.30							-
Cr 97	MON		Mon 1-1	5.40							-
Do 25	MON		Mon 1-1 Mon 2-1 Mon 2-2	7.60							-
H76	MON		Mon 2-2	8.40	11'						2215
H77	MON		Mon 2-2	3.90	30'						2232
H79	MON		Mon 1-1	7.30	10'						2251
H83	MON		Mon 2-1 Mon 2-2	7.50	15'						2286
H84	MON		Mon 1-1 Mon 2-1 Mon 2-2	6.00	12'						2301
H86	MON		Mon 2-1 Mon 2-2	10.00	7'						2311
H87	MON		Mon 1-1 Mon 2-1 Mon 2-2	8.40	8'						2324
H88	MON		Mon 2-1 Mon 2-2	7.20	12'						2335
H89	MON		Mon 2-1 Mon 2-2	6.70	7'						2343
H90	MON		Mon 2-1 Mon 2-2	7.10	20'						2353
M50	MON		Mon 2-1 Mon 2-2	6.30	20'	8x30				3500 Ly	2323
Mel 72	MON		Mon 2-1	10.10							-
N2236	MON		Mon 1-1	8.50							2236
N2250	MON		Mon 2-2	8.90							2250
N2252	MON		Mon 1-1	7.70							2252
N2254	MON		Mon 1-1	9.10							2254
N2259	MON		Mon 1-1	10.80							2259
N2262	MON		Mon 1-1 Mon 2-1 Mon 2-2	11.30							2262
N2269	MON		Mon 1-1	10.00							2269
N2299	MON		Mon 2-1 Mon 2-2	8.90							2299
N2302	MON		Mon 2-1 Mon 2-2	8.90							2302
N2309	MON		Mon 2-1 Mon 2-2	10.50							2309
N2368	MON		Mon 2-1 Mon 2-2	11.80							2368
Tr 5	MON		Mon 1-1	10.90							-
43 open clusters											

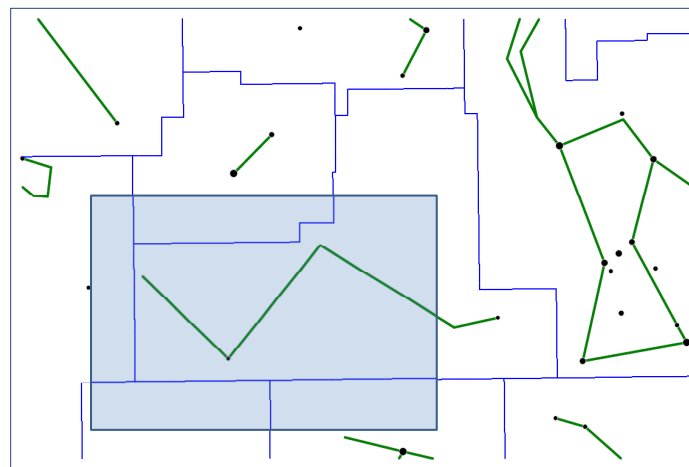
43 open clusters

Nebula											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C46	MON	Hubble's variable nebula	Mon 1-1	10.00	1.5'x1'	50 mm				3000 Ly	2261
C49	MON	Rosette nebula	Mon 1-1	6.00	80'x60'	10x50				5000 Ly	2237
H72	MON		Mon 2-2	0.00	2'						2185
H80	MON		Mon 1-1	3.90	20'		o	+	-		2264
4 nebula											

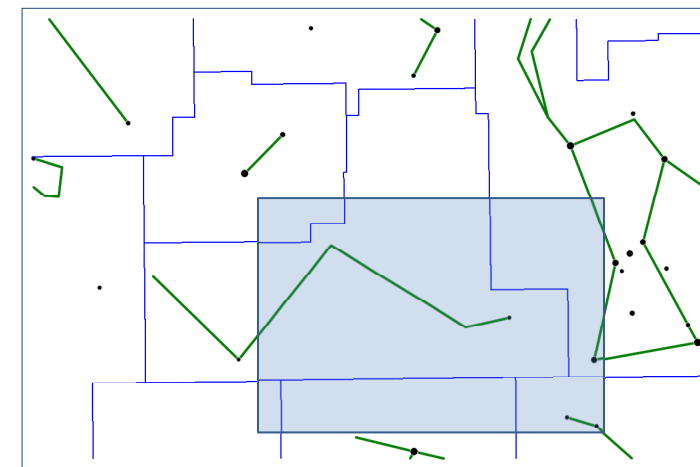
4 nebula



Mon 1-1

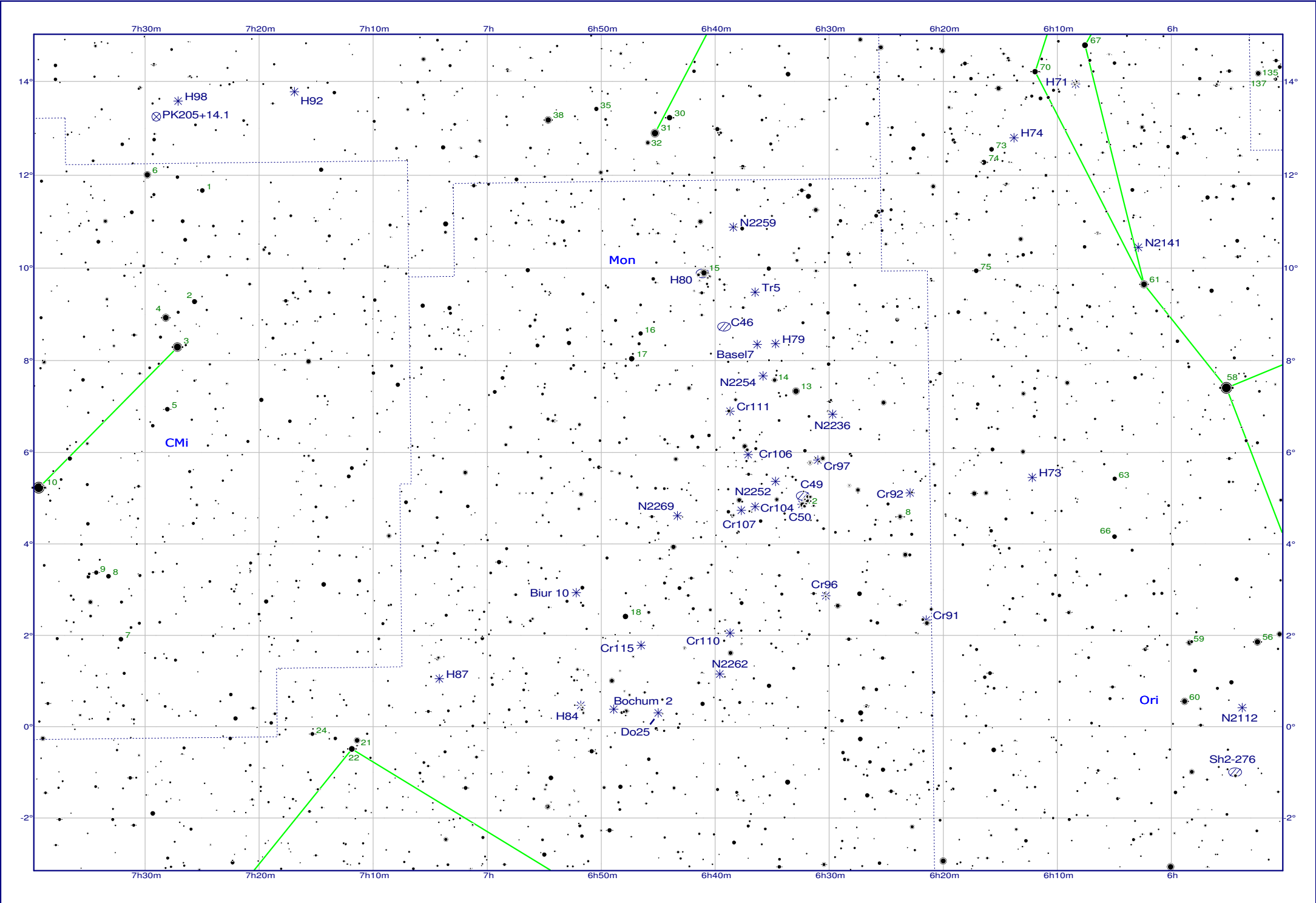


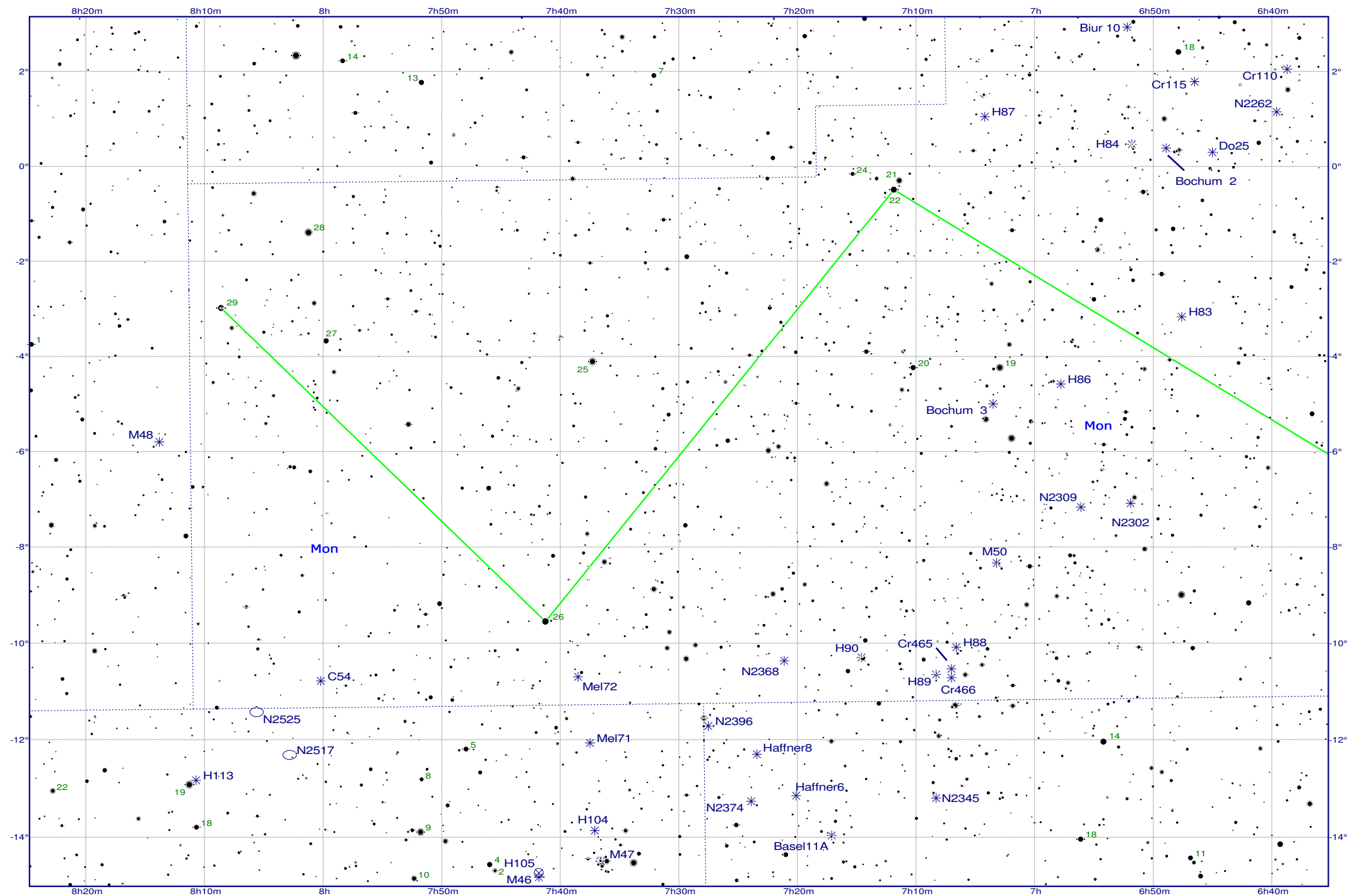
Mon 2-1



Mon 2-2

Star map history	
V 1.00 / 1.01 (2010)	Initial releases
V 1.02 (2014)	Bigger fonts, increased readability N2356 removed (=H92 / N2355) N2478 removed (=M47 / N2422) N2299 removed (=N2302)







Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 7	MON			8.50							-
Biur 10	MON			10.40							-
Bochum 2	MON			9.70							-
C50	MON			4.80	23'	n. eye				5000 Ly	2244
Cr 104	MON			9.60							-
Cr 106	MON			4.60							-
Cr 107	MON			5.10							-
Cr 110	MON			10.50							-
Cr 111	MON			7.00							-
Cr 115	MON			9.10							-
Cr 91	MON			6.40							-
Cr 92	MON			8.50							-
Cr 96	MON			7.30							-
Cr 97	MON			5.40							-
Do 25	MON			7.60							-
H71	ORI			5.90	7'						2169
H73	ORI			8.70	4'						2186
H74	ORI			8.50	10'						2194
H79	MON			7.30	10'						2251
H84	MON			6.00	12'						2301
H87	MON			8.40	8'						2324
H92	GEM			10.00	9'						2355
H98	GEM			8.00	12'						2395
N2112	ORI			9.10							2112
N2141	ORI			9.40							2141
N2236	MON			8.50							2236
N2252	MON			7.70							2252
N2254	MON			9.10							2254
N2259	MON			10.80							2259
N2262	MON			11.30							2262
N2269	MON			10.00							2269
N2356	GEM		see H92 (N2355)	9.70							2356
Tr 5	MON			10.90							-

33 open clusters

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
C49	MON	Rosette nebula		6.00	80'x60'	10x50				5000 Ly	2237
H80	MON			3.90	20'		o	+	-		2264
Sh2-276	ORI			7.00							-

4 nebula

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
PK 205+14.1	GEM	Medusa nebula		11.30	10'	100x	++	+	-		-

1 planetary nebula

Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 11A	CMA			8.20							-
Biur 10	MON			10.40							-
Bochum 2	MON			9.70							-
Bochum 3	MON			9.90							-
C54	MON		pretty large, very rich in stars, compressed	7.60	12'					10000 Ly	2506
Cr 110	MON			10.50							-
Cr 115	MON			9.10							-
Cr 465	MON			10.10							-
Cr 466	MON			11.10							-
Do 25	MON			7.60							-
H104	PUP			6.70	19'						2423
H113	PUP			6.50	22'						2539
H83	MON			7.50	15'						2286
H84	MON			6.00	12'						2301
H86	MON			10.00	7'						2311
H87	MON			8.40	8'						2324
H88	MON			7.20	12'						2335
H89	MON			6.70	7'						2343
H90	MON			7.10	20'						2353
Haffner 6	CMA			9.20							-
Haffner 8	CMA			9.10							-
M46	PUP			6.00	20'x15'	3.5x15				6000 Ly	2437
M47	PUP			5.20	30'x20'	n. eye				1800 Ly	2422
M48	HYA			5.50	50'x30'	n. eye				2200 Ly	2548
M50	MON			6.30	20'	8x30				3500 Ly	2323
Mel 71	PUP			7.10							-
Mel 72	MON			10.10							-
N2262	MON			11.30							2262
N2299	MON		see N2302	8.90							2299
N2302	MON			8.90							2302
N2309	MON			10.50							2309
N2345	CMA			7.70							2345
N2368	MON			11.80							2368
N2374	CMA			8.00							2374
N2396	PUP			7.40							2396
N2478	PUP		see M47 (N2422)	4.40							2478
36 open clusters											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N2517	PUP			11.80							2517
N2525	PUP			11.60							2525
2 galaxies											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H105	PUP			10.00	65"		++	+	-		2438
1 planetary nebula											

Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 11A	CMA			8.20							-
Biur 10	MON			10.40							-
Bochum 2	MON			9.70							-
Bochum 3	MON			9.90							-
Cr 110	MON			10.50							-
Cr 115	MON			9.10							-
Cr 465	MON			10.10							-
Cr 466	MON			11.10							-
Cr 91	MON			6.40							-
Cr 96	MON			7.30							-
Do 25	MON			7.60							-
H76	MON			8.40	11'						2215
H77	MON			3.90	30'						2232
H83	MON			7.50	15'						2286
H84	MON			6.00	12'						2301
H86	MON			10.00	7'						2311
H87	MON			8.40	8'						2324
H88	MON			7.20	12'						2335
H89	MON			6.70	7'						2343
H90	MON			7.10	20'						2353
Haffner 6	CMA			9.20							-
Haffner 8	CMA			9.10							-
M50	MON			6.30	20'	8x30				3500 Ly	2323
N2112	ORI			9.10							2112
N2250	MON			8.90							2250
N2262	MON			11.30							2262
N2299	MON		see N2302	8.90							2299
N2302	MON			8.90							2302
N2309	MON			10.50							2309
N2345	CMA			7.70							2345
N2368	MON			11.80							2368
N2374	CMA			8.00							2374
N2396	PUP			7.40							2396

33 open clusters

Nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H72	MON			0.00	2'						2185
M78	ORI			8.30	5'x4'	10x50				1200 Ly	2068
N2071	ORI			8.00							2071
Sh2-276	ORI			7.00							-

4 nebula

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I2165	CMA			10.60	9"						IC2165

1 planetary nebula