

Canis Major

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 11A	CMA		CMa 1-1	8.20							-
C58	CMA		CMa 1-1	7.20	8'	10x50				5000 Ly	2360
C64	CMA		CMa 1-1 CMa 2-1	4.10	8'	63 mm				5000 Ly	2362
Cr 121	CMA		CMa 1-1 CMa 2-1	2.60							-
Cr 132	CMA		CMa 2-1	3.60							-
Cr 140	CMA		CMa 2-1	3.50							-
H75	CMA		CMa 1-1 CMa 2-1	8.60	13'						2204
H91	CMA		CMa 1-1 CMa 2-1	6.50	20'						2354
Haffner 6	CMA		CMa 1-1	9.20							-
Haffner 8	CMA		CMa 1-1	9.10							-
M41	CMA		CMa 1-1 CMa 2-1	4.60	40'	n. eye				2500 Ly	2287
N2243	CMA		CMa 2-1	9.40							2243
N2345	CMA		CMa 1-1	7.70							2345
N2367	CMA		CMa 1-1 CMa 2-1	7.90							2367
N2374	CMA		CMa 1-1	8.00							2374
N2383	CMA		CMa 1-1 CMa 2-1	8.40							2383
N2384	CMA		CMa 1-1 CMa 2-1	7.40							2384
Ru 18	CMA		CMa 1-1 CMa 2-1	9.40							-
Ru 20	CMA		CMa 2-1	9.50							-
Tombaugh 1	CMA		CMa 1-1 CMa 2-1	10.50							-
Tr 6	CMA		CMa 1-1 CMa 2-1	10.00							-

21 open clusters

Galaxies

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N2207	CMA		CMa 1-1 CMa 2-1	10.80							2207
N2217	CMA		CMa 2-1	10.70							2217
N2223	CMA		CMa 1-1 CMa 2-1	11.60							2223
N2272	CMA		CMa 2-1	11.70							2272
N2280	CMA		CMa 2-1	10.30							2280
N2292	CMA		CMa 1-1 CMa 2-1	10.80							2292
N2293	CMA		CMa 1-1 CMa 2-1	11.20							2293
N2325	CMA		CMa 2-1	11.40							2325
N2380	CMA		CMa 2-1	11.20							2380

9 galaxies

Nebula

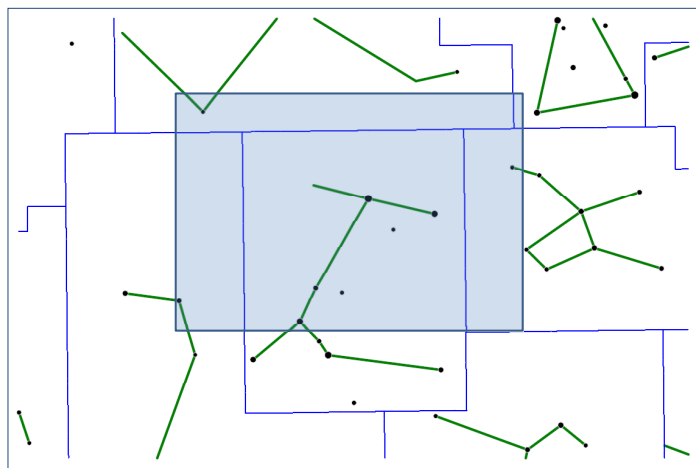
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
VY CMA	CMA		CMa 1-1 CMa 2-1	10.80							-

1 nebula

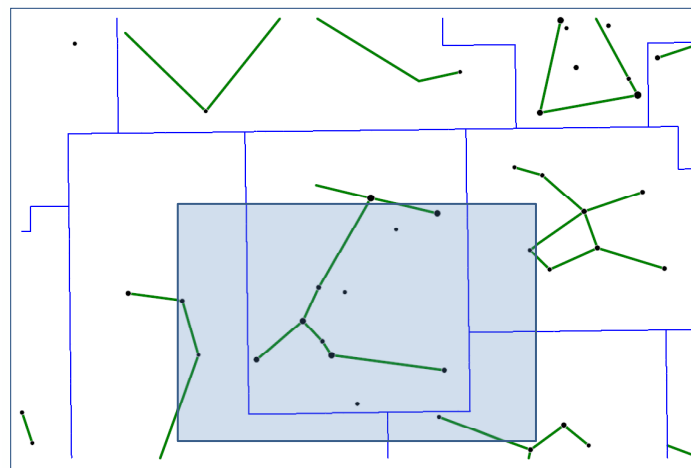
Planetary nebula

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I2165	CMA		CMa 1-1	10.60	9"						IC2165

1 planetary nebula

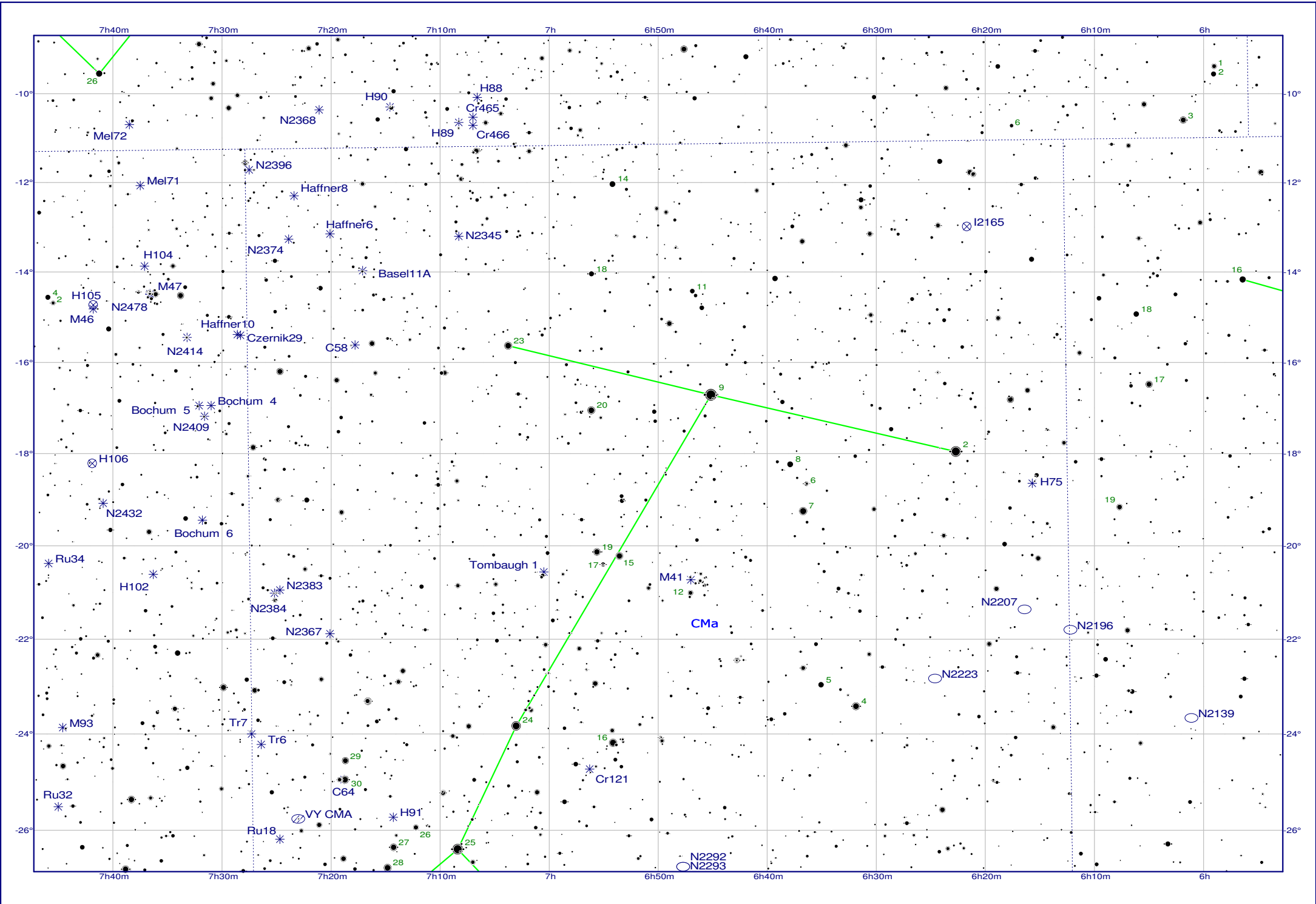


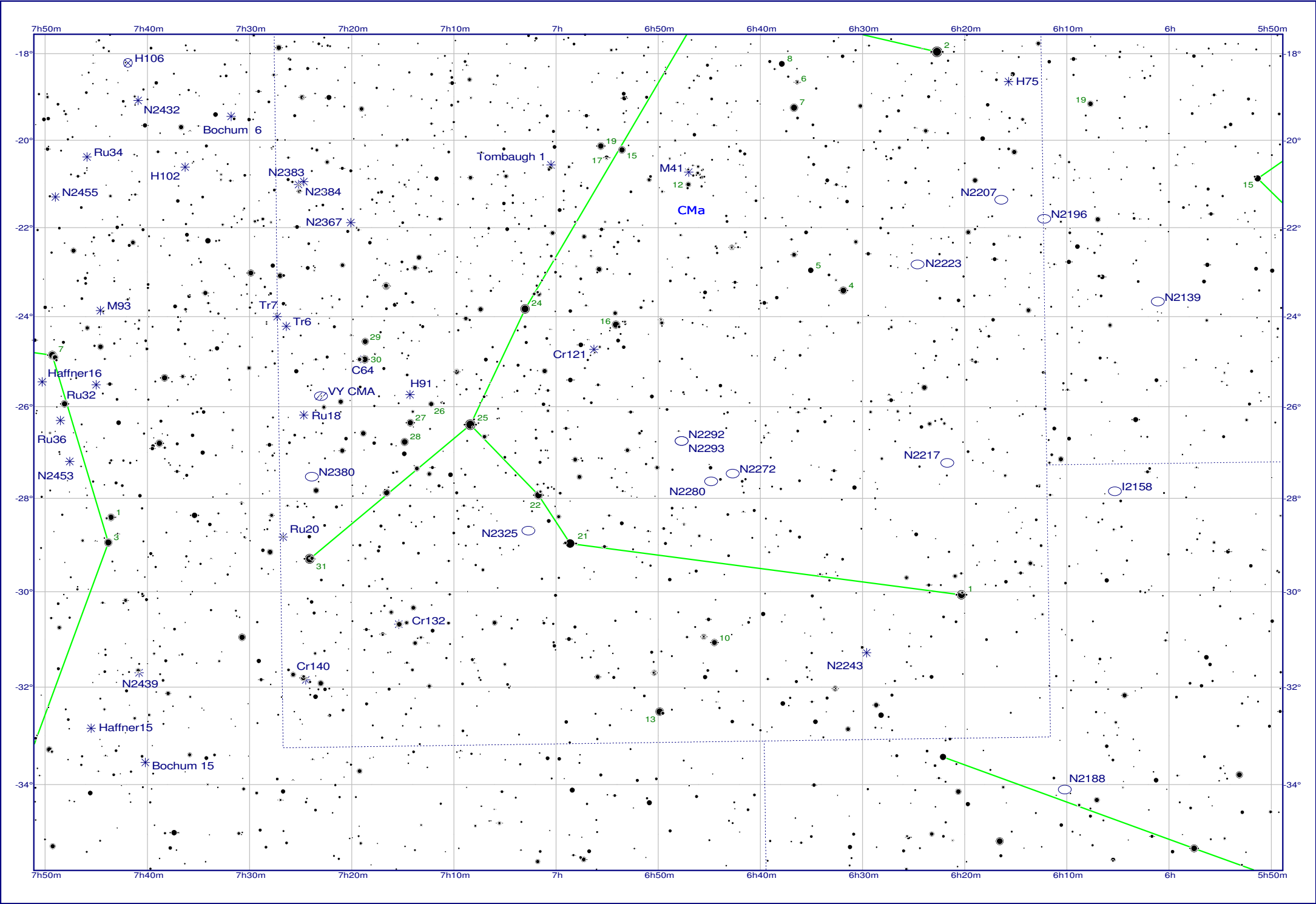
CMa 1-1



CMa 2-1

Star map history	
V 1.00 / 01 (2010)	Initial releases
V 1.02 (2014)	Bigger fonts, increased readability





Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 11A	CMA			8.20							-
Bochum 4	PUP			7.30							-
Bochum 5	PUP			7.00							-
Bochum 6	PUP			9.90							-
C58	CMA			7.20	8'	10x50				5000 Ly	2360
C64	CMA			4.10	8'	63 mm				5000 Ly	2362
Cr 121	CMA			2.60							-
Cr 465	MON			10.10							-
Cr 466	MON			11.10							-
Czernik 29	PUP			10.30							-
H102	PUP			8.30	10'						2421
H104	PUP			6.70	19'						2423
H75	CMA			8.60	13'						2204
H88	MON			7.20	12'						2335
H89	MON			6.70	7'						2343
H90	MON			7.10	20'						2353
H91	CMA			6.50	20'						2354
Haffner 10	PUP			11.50							-
Haffner 6	CMA			9.20							-
Haffner 8	CMA			9.10							-
M41	CMA			4.60	40'	n. eye				2500 Ly	2287
M46	PUP			6.00	20'x15'	3.5x15				6000 Ly	2437
M47	PUP			5.20	30'x20'	n. eye				1800 Ly	2422
M93	PUP			6.00	25'	8x30				4000 Ly	2447
Mel 71	PUP			7.10							-
Mel 72	MON			10.10							-
N2345	CMA			7.70							2345
N2367	CMA			7.90							2367
N2368	MON			11.80							2368
N2374	CMA			8.00							2374
N2383	CMA			8.40							2383
N2384	CMA			7.40							2384
N2396	PUP			7.40							2396
N2409	PUP			8.00							2409
N2414	PUP			7.90							2414
N2432	PUP			10.20							2432
N2478	PUP		see M47 (N2422)	4.40							2478
Ru 18	CMA			9.40							-
Ru 32	PUP			8.40							-
Ru 34	PUP			9.50							-
Tombaugh 1	CMA			10.50							-
Tr 6	CMA			10.00							-
Tr 7	PUP			7.90							-
43 open clusters											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N2139	LEP			11.60							2139
N2196	LEP			11.00							2196
N2207	CMA			10.80							2207
N2223	CMA			11.60							2223
N2292	CMA			10.80							2292
N2293	CMA			11.20							2293
6 galaxies											

Nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
VY CMA	CMA			10.80							-
1 nebula											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H105	PUP			10.00	65"		++	+	-		2438
H106	PUP			11.00	54"						2440
I2165	CMA			10.60	9"						IC2165
3 planetary nebula											

Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Bochum 15	PUP			6.30							-
Bochum 6	PUP			9.90							-
C64	CMA			4.10	8'	63 mm				5000 Ly	2362
Cr 121	CMA			2.60							-
Cr 132	CMA			3.60							-
Cr 140	CMA			3.50							-
H102	PUP			8.30	10'						2421
H75	CMA			8.60	13'						2204
H91	CMA			6.50	20'						2354
Haffner 15	PUP			9.40							-
Haffner 16	PUP			10.00							-
M41	CMA			4.60	40'	n. eye				2500 Ly	2287
M93	PUP			6.00	25'	8x30				4000 Ly	2447
N2243	CMA			9.40							2243
N2367	CMA			7.90							2367
N2383	CMA			8.40							2383
N2384	CMA			7.40							2384
N2432	PUP			10.20							2432
N2439	PUP			6.90							2439
N2453	PUP			8.30							2453
N2455	PUP			10.20							2455
Ru 18	CMA			9.40							-
Ru 20	CMA			9.50							-
Ru 32	PUP			8.40							-
Ru 34	PUP			9.50							-
Ru 36	PUP			9.60							-
Tombaugh 1	CMA			10.50							-
Tr 6	CMA			10.00							-
Tr 7	PUP			7.90							-
29 open clusters											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I2158	COL			12.00							IC2158
N2139	LEP			11.60							2139
N2188	COL			11.70							2188
N2196	LEP			11.00							2196
N2207	CMA			10.80							2207
N2217	CMA			10.70							2217
N2223	CMA			11.60							2223
N2272	CMA			11.70							2272
N2280	CMA			10.30							2280
N2292	CMA			10.80							2292
N2293	CMA			11.20							2293
N2325	CMA			11.40							2325
N2380	CMA			11.20							2380
13 galaxies											

Nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
VY CMA	CMA			10.80							-
1 nebula											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H106	PUP			11.00	54"						2440
1 planetary nebula											