

Hydra

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)

Alle Sternkarten stehen unter einer Creative Commons – Namensnennung – Nicht-Kommerziell Lizenz

All star maps are licensed under a Creative Commons – Attribution – NonCommercial license

<http://creativecommons.org/licenses/by-nc/4.0/>

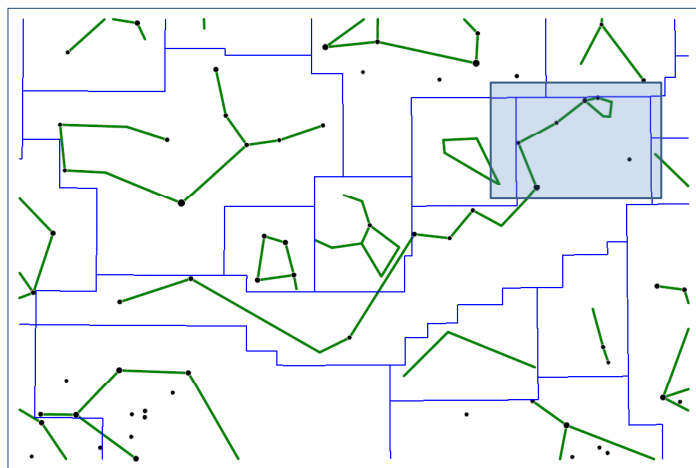


Open clusters											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M48	HYA		Hya 1-1	5.50	50'x30'	n. eye				2200 Ly	2548
1 open cluster											

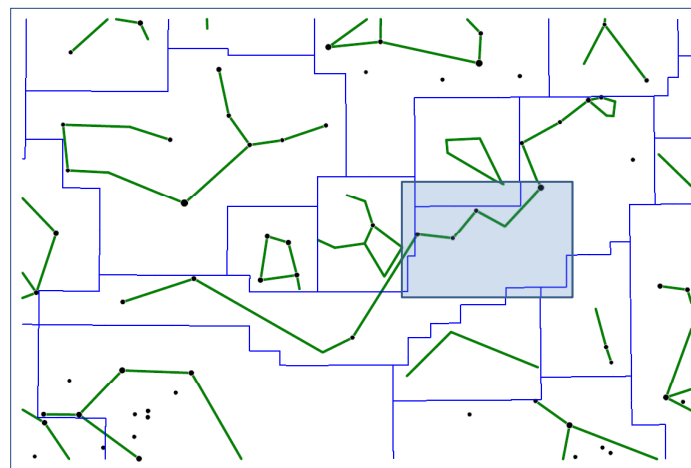
Globular clusters											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C66	HYA		Hya 3-1	10.20	4'					113000 Ly	5694
M68	HYA		Hya 3-2	7.80	5'	10x50				30000 Ly	4590
2 globular clusters											

Galaxies											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H127	HYA		Hya 2-1 Hya 2-2	11.30	2.2'						2811
H173	HYA		Hya 3-2 Hya 3-3	10.00	12.4'						3621
I4351	HYA		Hya 3-1	11.70							IC4351
M83	HYA		Hya 3-1	7.60	7'x5'	8x30				20 Mio. Ly	5236
MCG -01-24-001	HYA		Hya 1-1 Hya 2-1 Hya 2-2	11.30							-
MCG -01-25-011	HYA		Hya 1-1	11.00							-
MCG -03-28-004	HYA		Hya 2-1 Hya 3-3	12.00							-
N2695	HYA		Hya 1-1	11.90							2695
N2708	HYA		Hya 1-1	12.00							2708
N2713	HYA		Hya 1-1	11.80							2713
N2716	HYA		Hya 1-1	11.80							2716
N2718	HYA		Hya 1-1	11.80							2718
N2763	HYA		Hya 2-1 Hya 2-2	12.00							2763
N2781	HYA		Hya 2-1 Hya 2-2	11.60							2781
N2784	HYA		Hya 2-1 Hya 2-2	10.20							2784
N2815	HYA		Hya 2-1 Hya 2-2	11.90							2815
N2835	HYA		Hya 2-1 Hya 2-2	10.50							2835
N2848	HYA		Hya 2-1 Hya 2-2	11.80							2848
N2855	HYA		Hya 2-1 Hya 2-2	11.60							2855
N2865	HYA		Hya 2-1 Hya 2-2 Hya 3-3	11.70							2865
N2889	HYA		Hya 2-1 Hya 2-2	11.70							2889
N2907	HYA		Hya 2-1 Hya 2-2	11.60							2907
N2921	HYA		Hya 2-1 Hya 2-2 Hya 3-3	12.00							2921
N2924	HYA		Hya 2-1 Hya 2-2	12.00							2924
N2935	HYA		Hya 2-1 Hya 2-2 Hya 3-3	11.40							2935
N2962	HYA		Hya 1-1	11.90							2962
N2983	HYA		Hya 2-1 Hya 2-2	11.80							2983
N2986	HYA		Hya 2-1 Hya 2-2 Hya 3-3	10.80							2986
N3054	HYA		Hya 2-1 Hya 2-2 Hya 3-3	11.80							3054
N3078	HYA		Hya 3-3	11.10							3078
N3081	HYA		Hya 2-1 Hya 3-3	12.00							3081
N3091	HYA		Hya 2-1	11.10							3091
N3109	HYA		Hya 3-3	9.90							3109
N3145	HYA		Hya 2-1	11.70							3145
N3200	HYA		Hya 2-1	12.00							3200
N3285	HYA		Hya 3-3	12.00							3285
N3308	HYA		Hya 3-3	11.90							3308
N3309	HYA		Hya 3-3	11.60							3309
N3311	HYA		Hya 3-3	11.60							3311
N3312	HYA		Hya 3-3	11.90							3312
N3313	HYA		Hya 2-1 Hya 3-3	11.40							3313
N3390	HYA		Hya 3-3	11.90							3390
N3402	HYA		Hya 2-1	11.90							3402
N3411	HYA		Hya 2-1	11.90							3411
N3450	HYA		Hya 2-1 Hya 3-3	11.90							3450
N3585	HYA		Hya 3-3	9.90							3585
N3673	HYA		Hya 3-2 Hya 3-3	11.50							3673
N3717	HYA		Hya 3-2	11.20							3717
N3885	HYA		Hya 3-2	11.90							3885
N3904	HYA		Hya 3-2	10.90							3904
N3923	HYA		Hya 3-2	9.80							3923
N3936	HYA		Hya 3-2	12.00							3936
N4105	HYA		Hya 3-2	10.60							4105
N4106	HYA		Hya 3-2	11.40							4106
N4304	HYA		Hya 3-2	11.60							4304
N5042	HYA		Hya 3-1 Hya 3-2	11.80							5042
N5061	HYA		Hya 3-1 Hya 3-2	10.40							5061
N5078	HYA		Hya 3-1 Hya 3-2	11.00							5078
N5085	HYA		Hya 3-1 Hya 3-2	11.30							5085
N5101	HYA		Hya 3-1 Hya 3-2	10.60							5101
N5153	HYA		Hya 3-1	11.80							5153
N5264	HYA		Hya 3-1	12.00							5264
N5328	HYA		Hya 3-1	11.60							5328
N5556	HYA		Hya 3-1	11.80							5556
64 galaxies											

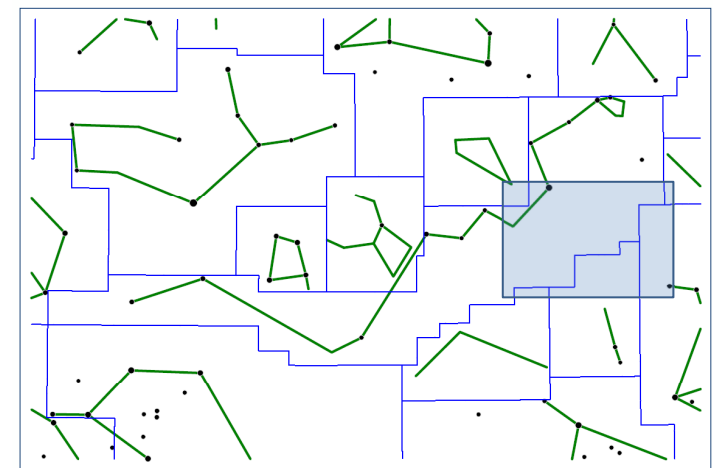
Planetary nebula											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C59	HYA	Jupiter's ghost	Hya 2-1	7.80	0.6'	10x50	+	++	-	3000 Ly	3242
PK 303+40.1	HYA		Hya 3-2	12.00	12.8'						-
2 planetary nebula											



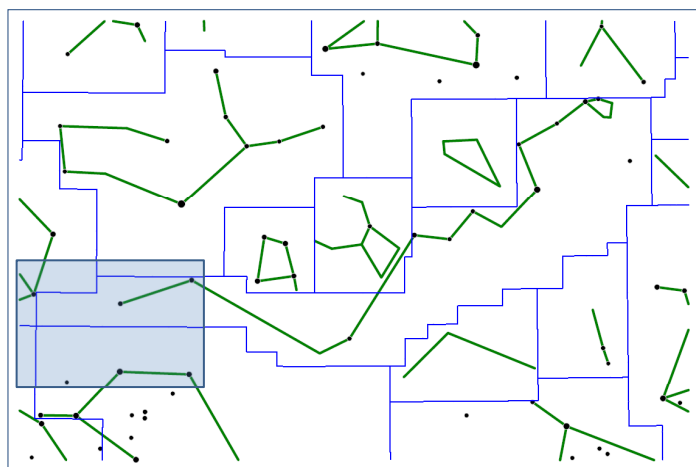
Hya 1-1



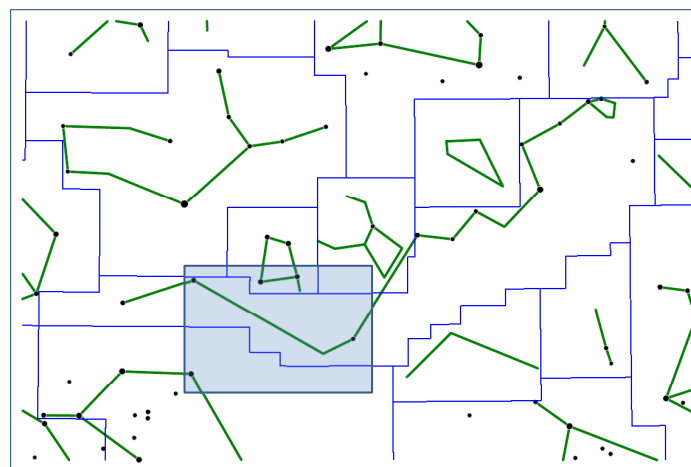
Hya 2-1



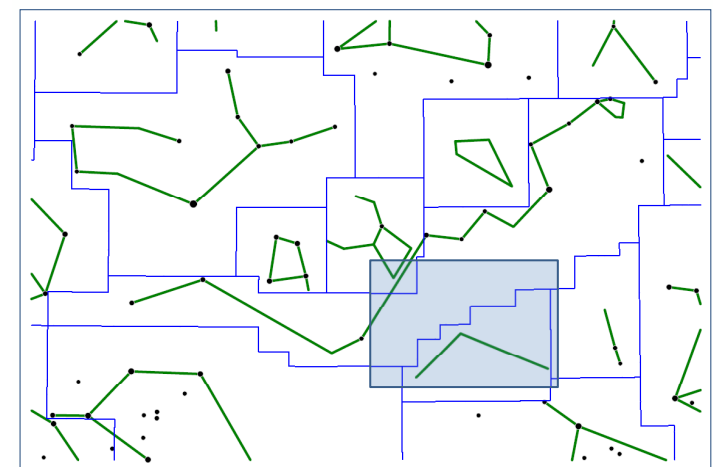
Hya 2-2



Hya 3-1

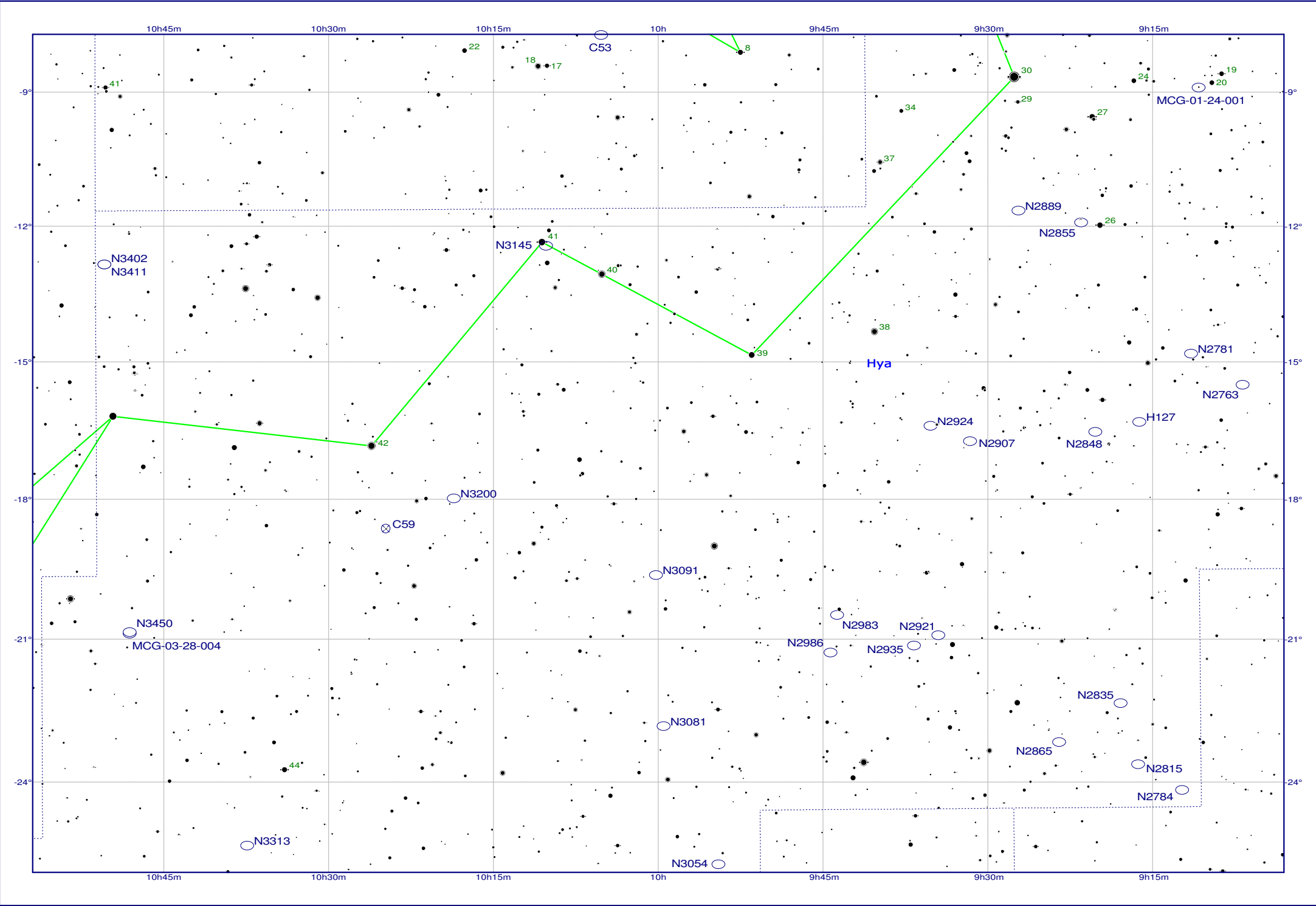


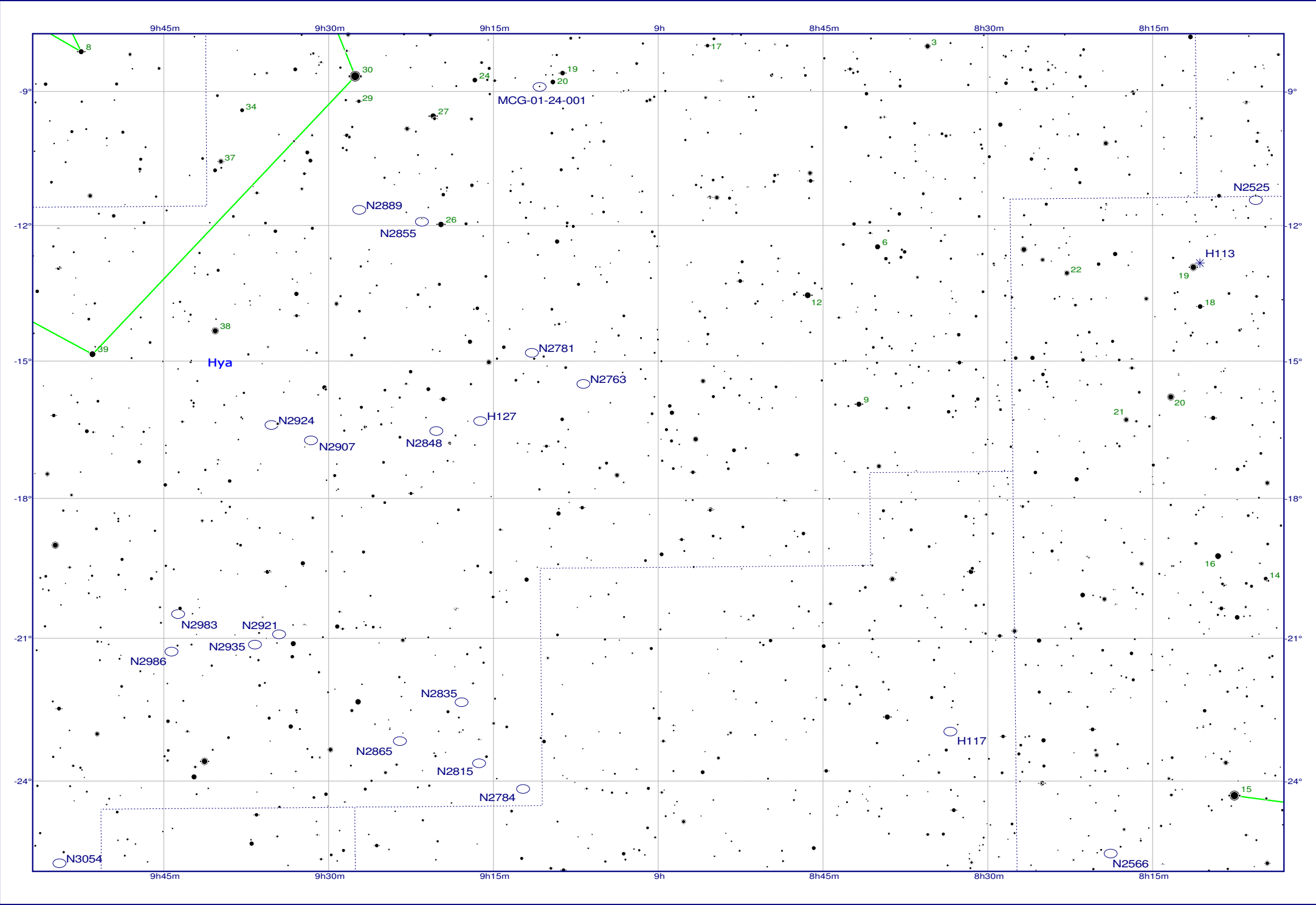
Hya 3-2

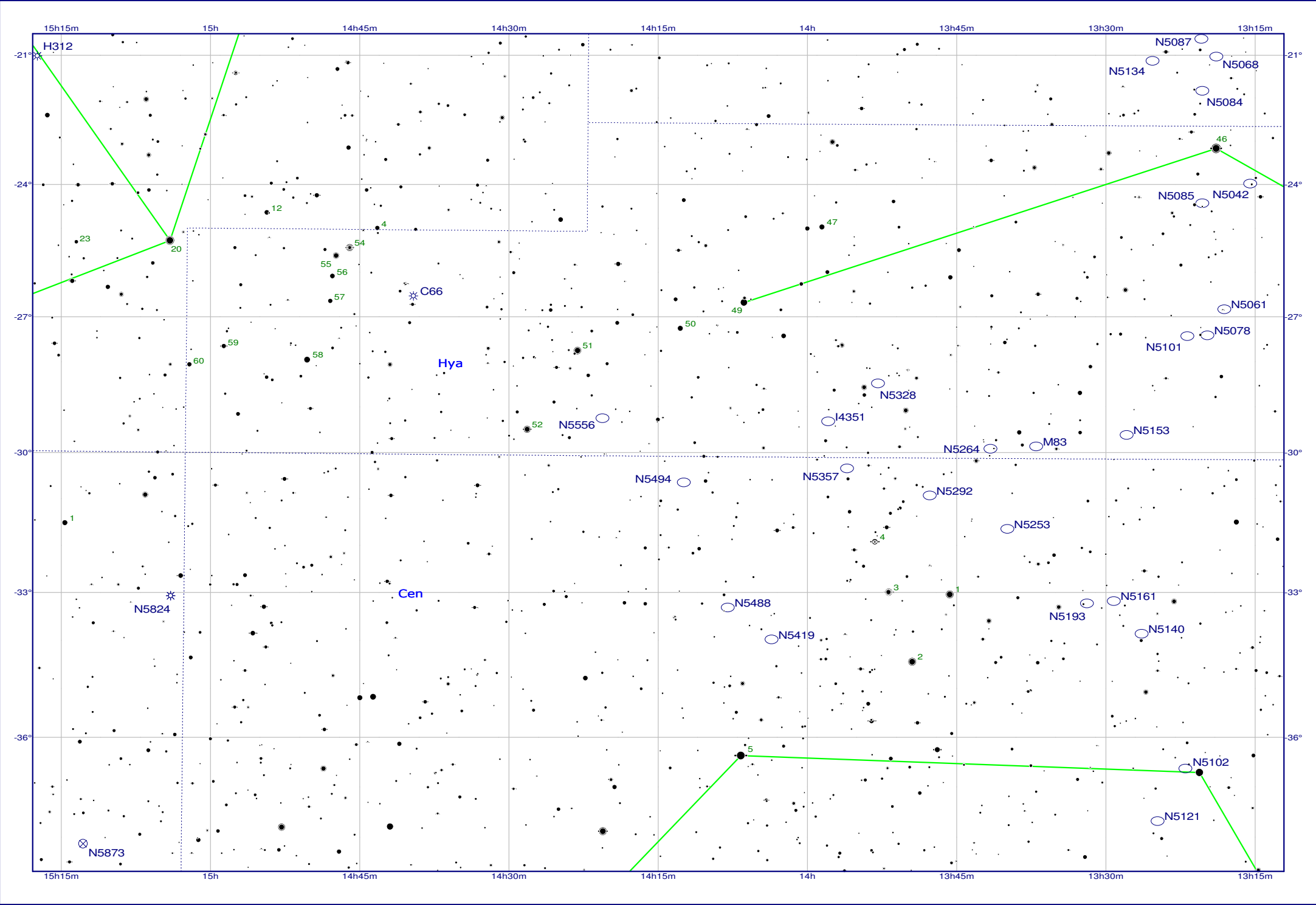


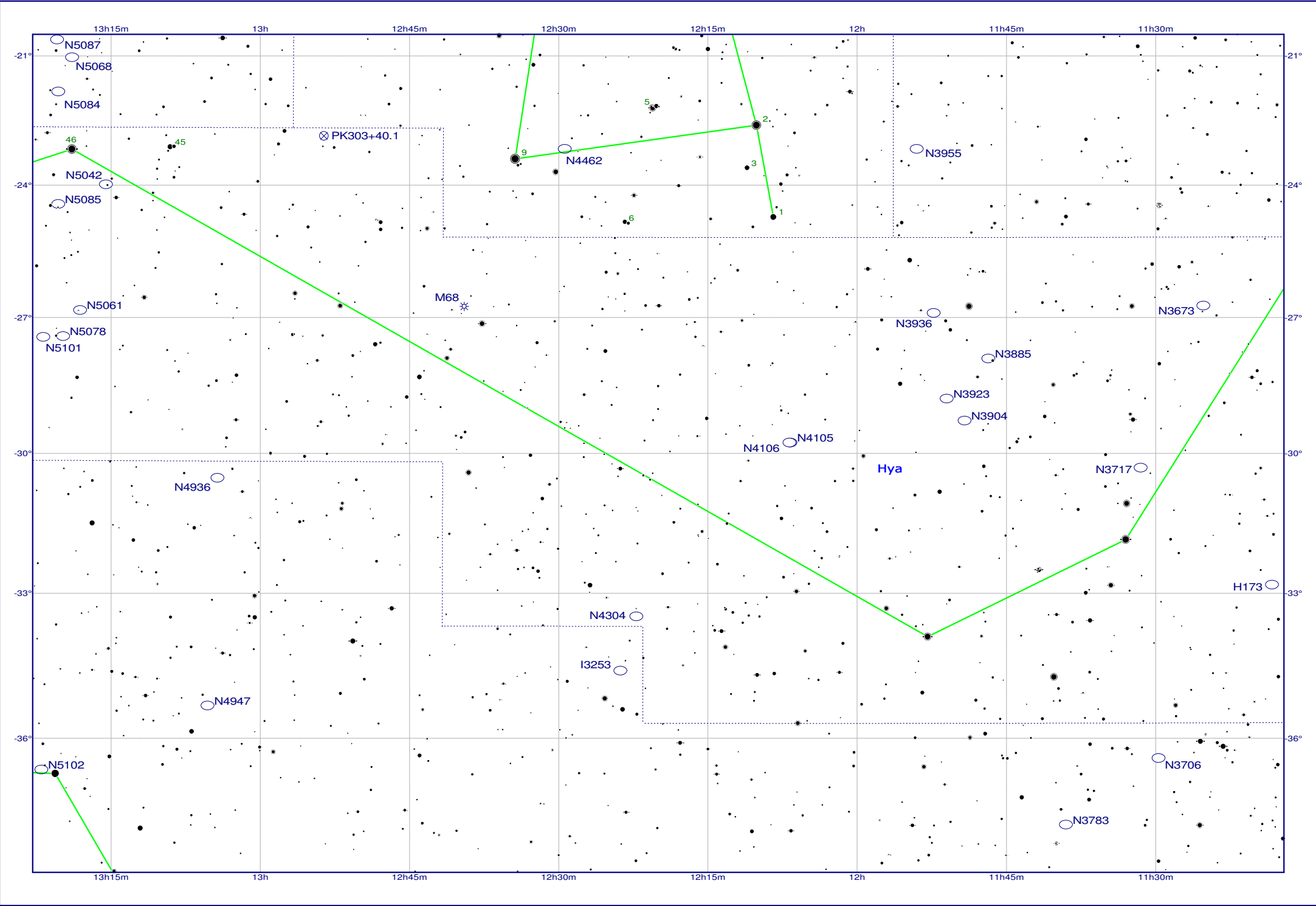
Hya 3-3

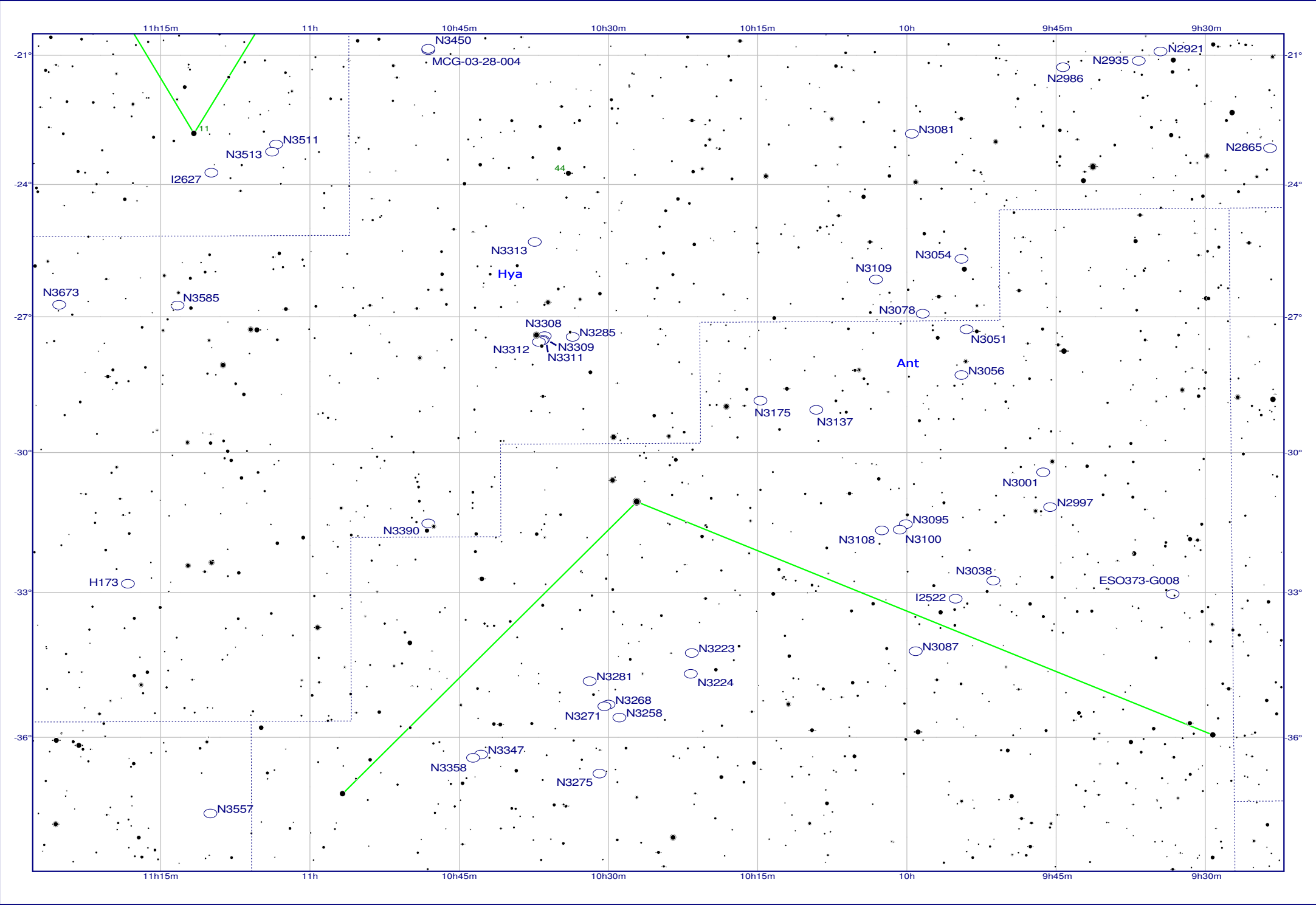
Star map history	
V 1.00 (2014)	Initial release N2652 removed (=H133 / N2974) N5834 removed (=N5824)











Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M48	HYA			5.50	50'x30'	n. eye				2200 Ly	2548
<i>1 open cluster</i>											

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C48	CNC			10.30	1.5'	80 mm				60 Mio. Ly	2775
H133	SEX			10.80	3.4'						2974
MCG -01-24-001	HYA			11.30							-
MCG -01-25-011	HYA			11.00							-
N2652	SEX		see H133 (N2974)	11.90							2652
N2695	HYA			11.90							2695
N2708	HYA			12.00							2708
N2713	HYA			11.80							2713
N2716	HYA			11.80							2716
N2718	HYA			11.80							2718
N2962	HYA			11.90							2962
N2967	SEX			11.60							2967
N3044	SEX			11.90							3044
<i>13 galaxies</i>											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C53	SEX	Spindle galaxy		9.10	4'x1'	63 mm				25 Mio. Ly	3115
H127	HYA			11.30	2.2'						2811
MCG -01-24-001	HYA			11.30							-
MCG -03-28-004	HYA			12.00							-
N2763	HYA			12.00							2763
N2781	HYA			11.60							2781
N2784	HYA			10.20							2784
N2815	HYA			11.90							2815
N2835	HYA			10.50							2835
N2848	HYA			11.80							2848
N2855	HYA			11.60							2855
N2865	HYA			11.70							2865
N2889	HYA			11.70							2889
N2907	HYA			11.60							2907
N2921	HYA			12.00							2921
N2924	HYA			12.00							2924
N2935	HYA			11.40							2935
N2983	HYA			11.80							2983
N2986	HYA			10.80							2986
N3054	HYA			11.80							3054
N3081	HYA			12.00							3081
N3091	HYA			11.10							3091
N3145	HYA			11.70							3145
N3200	HYA			12.00							3200
N3313	HYA			11.40							3313
N3402	HYA		see N3411	11.90							3402
N3411	HYA			11.90							3411
N3450	HYA			11.90							3450
28 galaxies											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C59	HYA	Jupiter's ghost		7.80	0.6'	10x50	+	++	-	3000 Ly	3242
1 planetary nebula											

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H113	PUP			6.50	22'						2539
<i>1 open cluster</i>											

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H117	PYX			10.40	7.1'						2613
H127	HYA			11.30	2.2'						2811
MCG -01-24-001	HYA			11.30							-
N2525	PUP			11.60							2525
N2566	PUP			11.00							2566
N2763	HYA			12.00							2763
N2781	HYA			11.60							2781
N2784	HYA			10.20							2784
N2815	HYA			11.90							2815
N2835	HYA			10.50							2835
N2848	HYA			11.80							2848
N2855	HYA			11.60							2855
N2865	HYA			11.70							2865
N2889	HYA			11.70							2889
N2907	HYA			11.60							2907
N2921	HYA			12.00							2921
N2924	HYA			12.00							2924
N2935	HYA			11.40							2935
N2983	HYA			11.80							2983
N2986	HYA			10.80							2986
N3054	HYA			11.80							3054
<i>21 galaxies</i>											

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C66	HYA		considerably bright, considerably small, round	10.20	4'					113000 Ly	5694
H312	LIB			8.60	8.7'						5897
N5824	LUP			9.10							5824
N5834	LUP		see N5824	9.10							5834

4 globular clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I4351	HYA			11.70							IC4351
M83	HYA			7.60	7'x5'	8x30				20 Mio. Ly	5236
N5042	HYA			11.80							5042
N5061	HYA			10.40							5061
N5068	VIR			10.00							5068
N5078	HYA			11.00							5078
N5084	VIR			10.50							5084
N5085	HYA			11.30							5085
N5087	VIR			11.40							5087
N5101	HYA			10.60							5101
N5102	CEN			9.60							5102
N5121	CEN			11.50							5121
N5134	VIR			11.30							5134
N5140	CEN			11.80							5140
N5153	HYA			11.80							5153
N5161	CEN			11.20							5161
N5193	CEN			11.60							5193
N5253	CEN			10.40							5253
N5264	HYA			12.00							5264
N5292	CEN			11.90							5292
N5328	HYA			11.60							5328
N5357	CEN			12.00							5357
N5419	CEN			10.90							5419
N5488	CEN			11.90							5488
N5494	CEN			11.90							5494
N5556	HYA			11.80							5556

26 galaxies

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N5873	LUP		Stellar	12.00	3"						5873

1 planetary nebula

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M68	HYA			7.80	5'	10x50				30000 Ly	4590
<i>1 globular cluster</i>											

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H173	HYA			10.00	12.4'						3621
I3253	CEN			11.90							IC3253
N3673	HYA			11.50							3673
N3706	CEN			11.30							3706
N3717	HYA			11.20							3717
N3783	CEN			11.70							3783
N3885	HYA			11.90							3885
N3904	HYA			10.90							3904
N3923	HYA			9.80							3923
N3936	HYA			12.00							3936
N3955	CRT			11.90							3955
N4105	HYA			10.60							4105
N4106	HYA			11.40							4106
N4304	HYA			11.60							4304
N4462	CRV			11.90							4462
N4936	CEN			10.80							4936
N4947	CEN			11.80							4947
N5042	HYA			11.80							5042
N5061	HYA			10.40							5061
N5068	VIR			10.00							5068
N5078	HYA			11.00							5078
N5084	VIR			10.50							5084
N5085	HYA			11.30							5085
N5087	VIR			11.40							5087
N5101	HYA			10.60							5101
N5102	CEN			9.60							5102
<i>26 galaxies</i>											

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
PK 303+40.1	HYA			12.00	12.8'						-
<i>1 planetary nebula</i>											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
ESO 373-G008	ANT			12.00	12.4'						-
H173	HYA			10.00							3621
I2522	ANT			11.90							IC2522
I2627	CRT			12.00							IC2627
MCG -03-28-004	HYA			12.00							-
N2865	HYA			11.70							2865
N2921	HYA			12.00							2921
N2935	HYA			11.40							2935
N2986	HYA			10.80							2986
N2997	ANT			9.40							2997
N3001	ANT			11.90							3001
N3038	ANT			11.60							3038
N3051	ANT			11.80							3051
N3054	HYA			11.80							3054
N3056	ANT			11.70							3056
N3078	HYA			11.10							3078
N3081	HYA			12.00							3081
N3087	ANT			11.60							3087
N3095	ANT			11.70							3095
N3100	ANT			11.10							3100
N3108	ANT			11.80							3108
N3109	HYA			9.90							3109
N3137	ANT			11.50							3137
N3175	ANT			11.20							3175
N3223	ANT			11.00							3223
N3224	ANT			12.00							3224
N3258	ANT			11.50							3258
N3268	ANT			11.40							3268
N3271	ANT			11.80							3271
N3275	ANT			11.80							3275
N3281	ANT			11.70							3281
N3285	HYA			12.00							3285
N3308	HYA			11.90							3308
N3309	HYA			11.60							3309
N3311	HYA			11.60							3311
N3312	HYA			11.90							3312
N3313	HYA			11.40							3313
N3347	ANT			11.30							3347
N3358	ANT			11.40							3358
N3390	HYA			11.90							3390
N3450	HYA			11.90							3450
N3511	CRT			11.00							3511
N3513	CRT			11.50							3513
N3557	CEN			10.40							3557
N3585	HYA			9.90							3585
N3673	HYA			11.50							3673
46 galaxies											