

Serpens

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
I4756	SER		Ser 3-1	4.60							IC4756
M16	SER	Eagle nebula	Ser 4-1	6.40	10'	n. eye	++	++	o	7000 Ly	6611
N6604	SER		Ser 4-1	6.50			o	++	+		6604
N6605	SER		Ser 4-1	6.00							6605

4 open clusters

Globular clusters

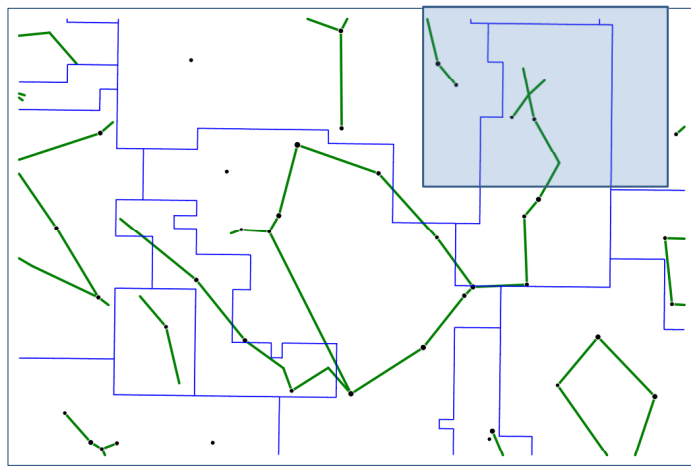
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I1276	SER		Ser 3-1 Ser 4-1	10.30							IC1276
M5	SER		Ser 2-1	5.60	6'	n. eye				25000 Ly	5904
N6535	SER		Ser 3-1 Ser 4-1	9.30							6535
N6539	SER		Ser 3-1 Ser 4-1	8.90							6539
Pal 5	SER		Ser 2-1	11.80							-

5 globular clusters

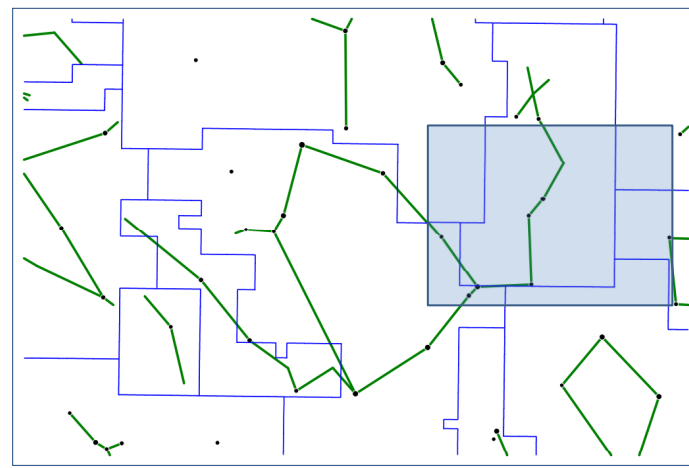
Galaxies

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H315	SER		Ser 2-1	12.00	4.7'						6118
N5921	SER		Ser 2-1	10.80							5921
N5957	SER		Ser 1-1 Ser 2-1	11.70							5957
N5962	SER		Ser 1-1	11.30							5962
N5964	SER		Ser 2-1	12.00							5964
N5970	SER		Ser 1-1 Ser 2-1	11.50							5970
N6012	SER		Ser 1-1	12.00							6012
N6070	SER		Ser 2-1	11.80							6070

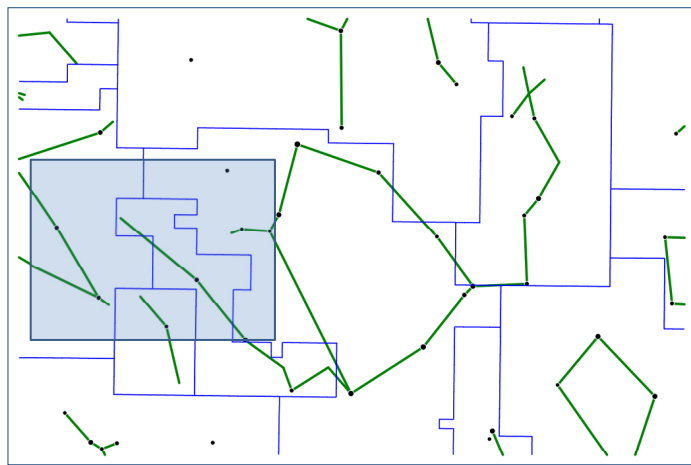
8 galaxies



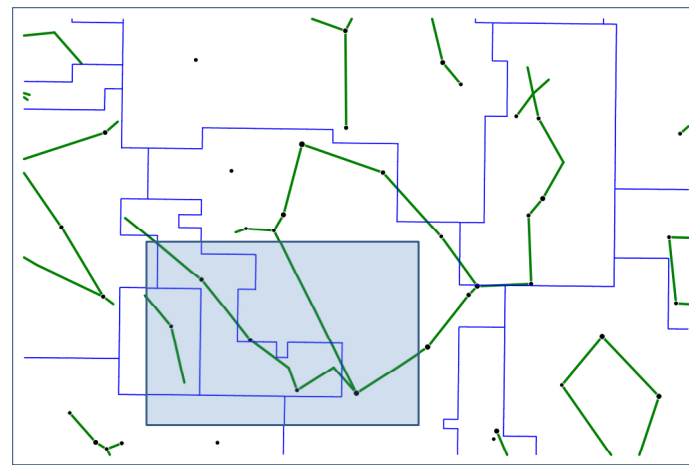
Ser 1-1



Ser 2-1

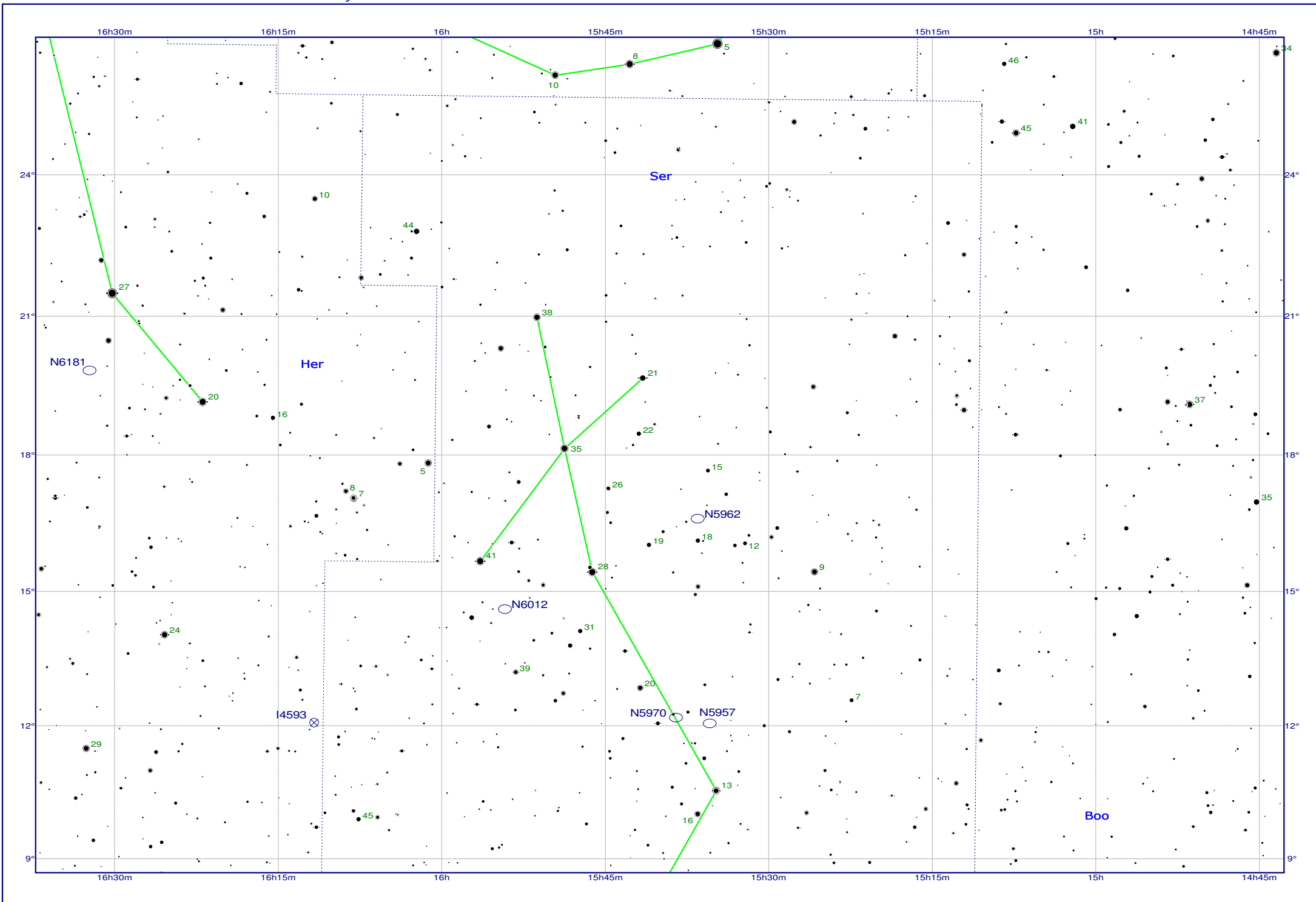


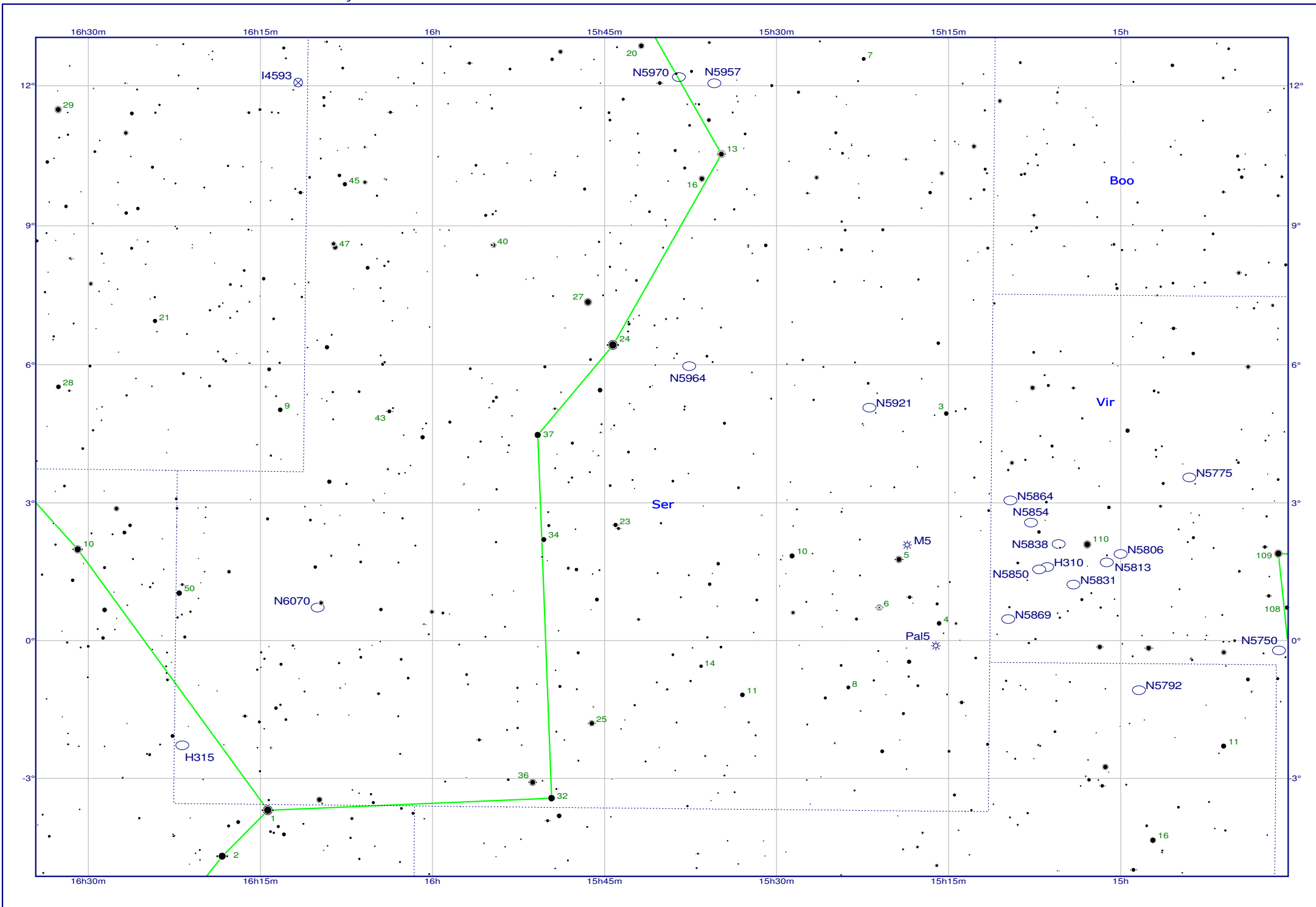
Ser 3-1

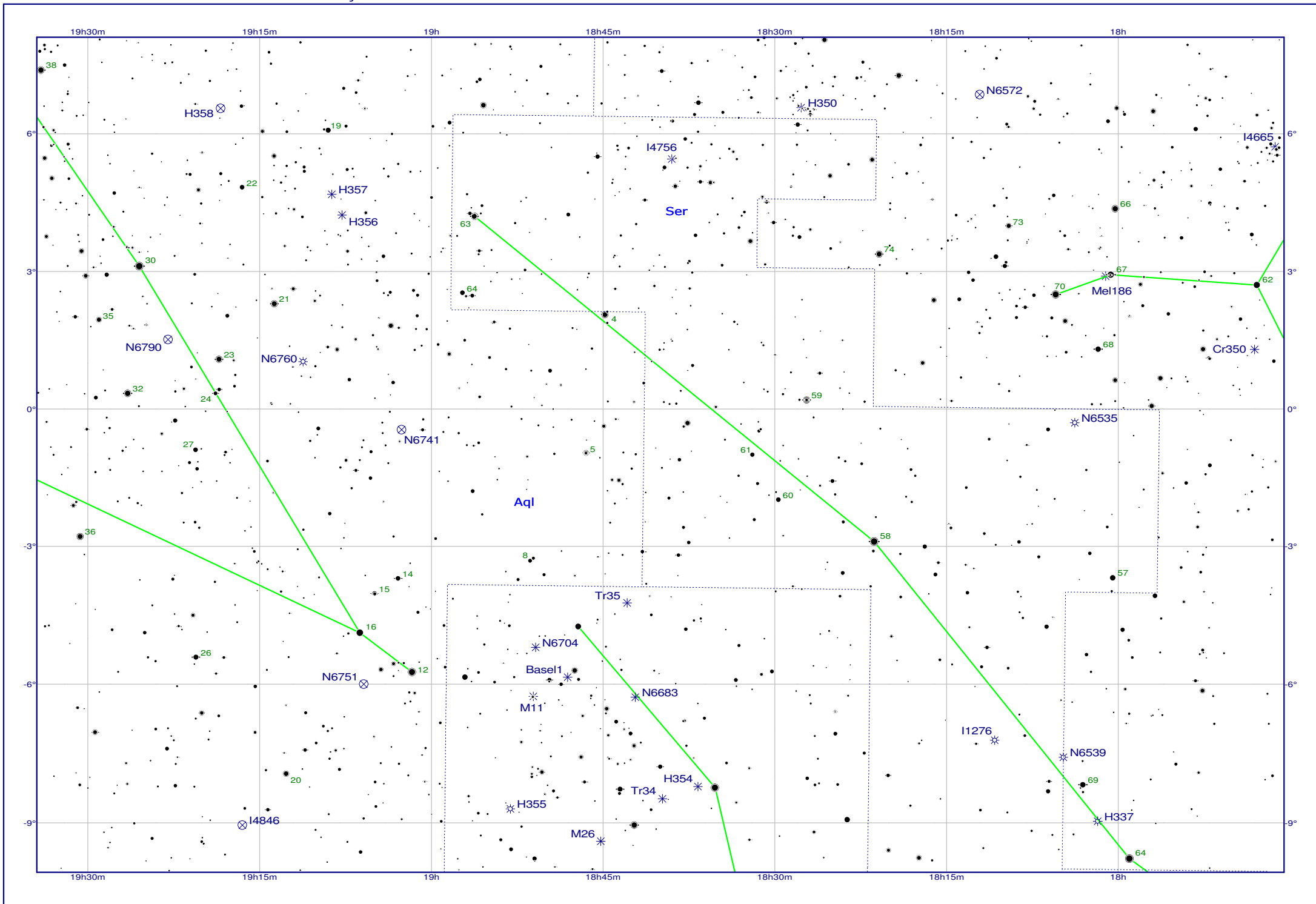


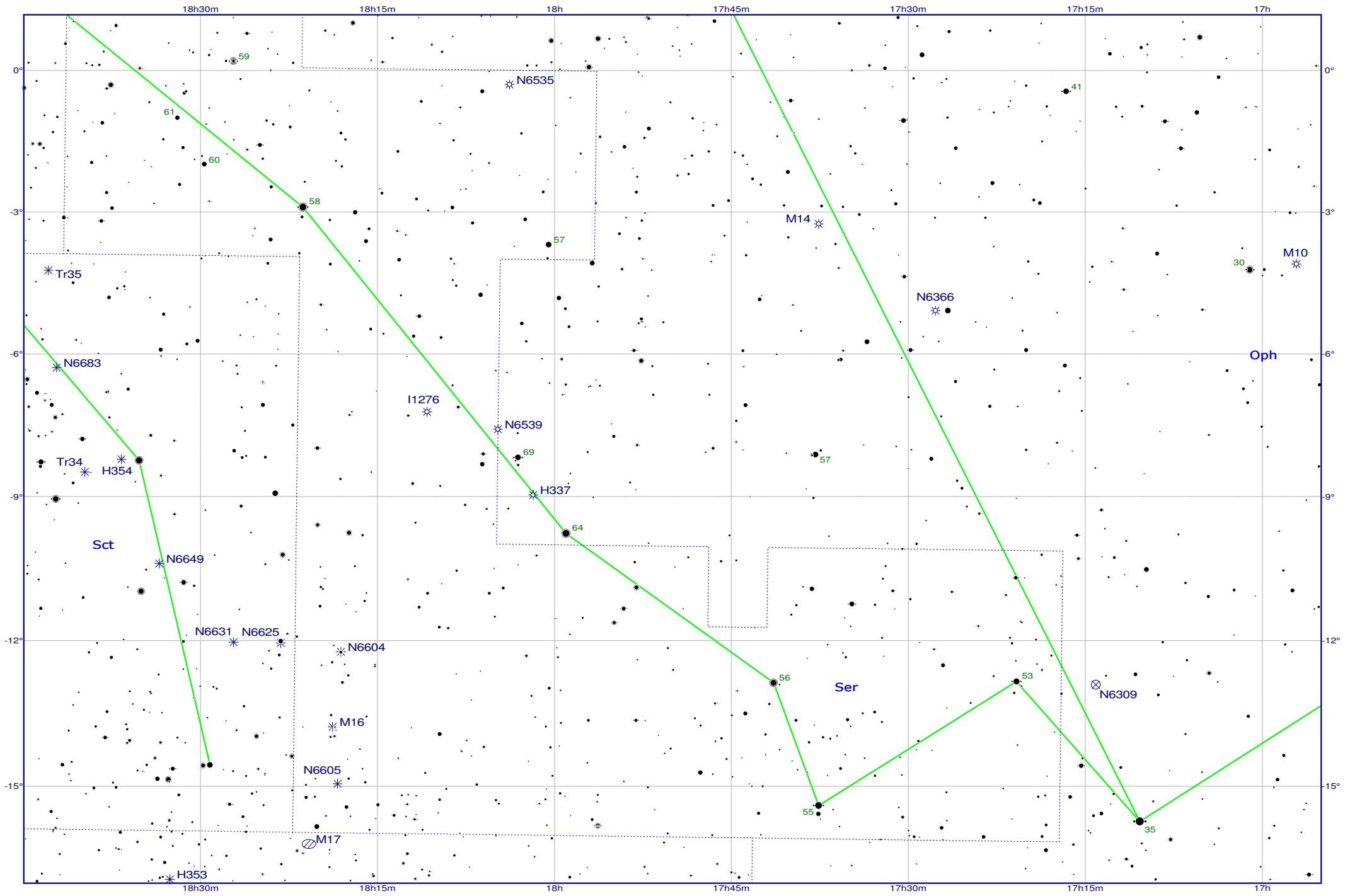
Ser 4-1

Star map history	
V 1.00 (2014)	Initial release









Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N5957	SER			11.70							5957
N5962	SER			11.30							5962
N5970	SER			11.50							5970
N6012	SER			12.00							6012
N6181	HER			11.90							6181

5 galaxies

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I4593	HER		Stellar	11.00	12.5"						IC4593

1 planetary nebula

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M5	SER			5.60	6'	n. eye				25000 Ly	5904
Pal 5	SER			11.80							-

2 globular clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H310	VIR			10.20	4'						5846
H315	SER			12.00	4.7'						6118
N5750	VIR			11.60							5750
N5775	VIR			11.40							5775
N5792	LIB			11.30							5792
N5806	VIR			11.70							5806
N5813	VIR			10.50							5813
N5831	VIR			11.50							5831
N5838	VIR			10.90							5838
N5850	VIR			10.80							5850
N5854	VIR			11.90							5854
N5864	VIR			11.80							5864
N5869	VIR			11.90							5869
N5921	SER			10.80							5921
N5957	SER			11.70							5957
N5964	SER			12.00							5964
N5970	SER			11.50							5970
N6070	SER			11.80							6070

18 galaxies

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I4593	HER		Stellar	11.00	12.5"						IC4593

1 planetary nebula

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 1	SCT			8.90							-
Cr 350	OPH			6.10							-
H350	OPH			4.60	27'						6633
H354	SCT			7.80	16'						6664
H356	AQL			7.50	15'						6755
H357	AQL			11.00	4'						6756
I4665	OPH			4.20							IC4665
I4756	SER			4.60							IC4756
M11	SCT	Wild duck cluster		6.30	7'	n. eye				6000 Ly	6705
M26	SCT			8.00	8'	10x50				5000 Ly	6694
Mel 186	OPH			3.00							-
N6683	SCT			9.40							6683
N6704	SCT			9.20							6704
Tr 34	SCT			8.60							-
Tr 35	SCT			9.20							-

15 open clusters

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H337	OPH			10.30	1'						6517
H355	SCT			8.20	4.3'						6712
I1276	SER			10.30							IC1276
N6535	SER			9.30							6535
N6539	SER			8.90							6539
N6760	AQL			9.10							6760

6 globular clusters

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H358	AQL			12.00	111"		++	++	-		6781
I4846	AQL		Stellar	12.00	2"						IC4846
N6572	OPH		Hazy	8.00	15"		++	?	?		6572
N6741	AQL		Stellar	12.00	9"						6741
N6751	AQL			12.00	20"						6751
N6790	AQL		Stellar	11.40	2"						6790

6 planetary nebula

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H353	SGR			9.00	10'						6645
H354	SCT			7.80	16'						6664
M16	SER	Eagle nebula	in Eagle nebula IC4703	6.40	10'	n. eye	++	++	o	7000 Ly	6611
N6604	SER			6.50			o	++	+		6604
N6605	SER			6.00							6605
N6625	SCT			9.00							6625
N6631	SCT			11.70							6631
N6649	SCT			8.90							6649
N6683	SCT			9.40							6683
Tr 34	SCT			8.60							-
Tr 35	SCT			9.20							-

11 open clusters

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H337	OPH			10.30	1'						6517
I1276	SER			10.30							IC1276
M10	OPH			6.60	8'	8x30				15000 Ly	6254
M14	OPH			7.60	3'	10x50				30000 Ly	6402
N6366	OPH			9.50							6366
N6535	SER			9.30							6535
N6539	SER			8.90							6539

7 globular clusters

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M17	SGR	Omega nebula, Swan nebula		7.00	20'x15'	n. eye	++	+	-	6000 Ly	6618

1 nebula

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6309	OPH			11.60	20"						6309

1 planetary nebula