

Scorpius

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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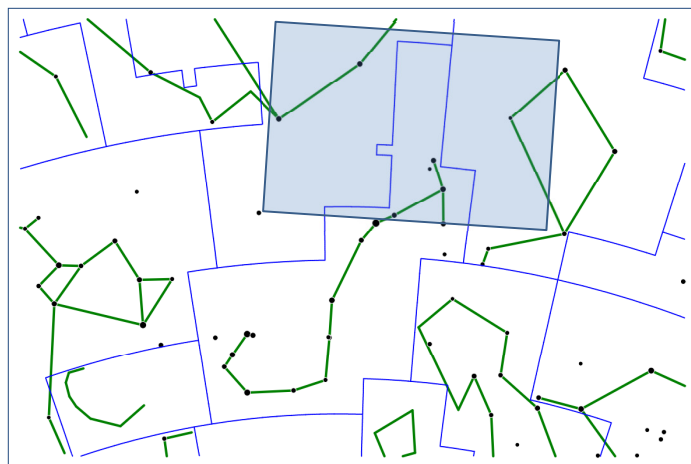


Open clusters												
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC	
Antalova 2	SCO	Butterfly cluster	Sco 2-1 Sco 3-1	8.80							-	
Bochum 13	SCO		Sco 2-1 Sco 3-1	7.20							-	
C75	SCO		Sco 2-1 Sco 3-1	5.80	30'	n. eye				2000 Ly	6124	
C76	SCO		Sco 2-1 Sco 3-1	2.60	15'	n. eye				5000 Ly	6231	
Cr 302	SCO		Sco 2-1	1.00							-	
Cr 316	SCO		Sco 2-1 Sco 3-1	3.40							-	
Cr 332	SCO		Sco 2-1 Sco 3-1	8.90							-	
Cr 333	SCO		Sco 2-1 Sco 3-1	9.80							-	
Cr 338	SCO		Sco 3-1	8.00							-	
Cr 345	SCO		Sco 3-1	10.90							-	
H335	SCO		Sco 3-1	8.00	8'						6451	
Lynga 14	SCO		Sco 3-1	9.70							-	
M6	SCO		Sco 3-1	5.30	25'x20'	n. eye					1800 Ly	6405
M7	SCO		Sco 3-1	4.10	80'	n. eye					900 Ly	6475
N6178	SCO		Sco 3-1	7.20								6178
N6192	SCO		Sco 3-1	8.50								6192
N6216	SCO		Sco 3-1	10.10								6216
N6222	SCO		Sco 3-1	10.00								6222
N6227	SCO		Sco 2-1 Sco 3-1	5.00								6227
N6242	SCO		Sco 2-1 Sco 3-1	6.40								6242
N6249	SCO		Sco 3-1	8.20								6249
N6259	SCO		Sco 3-1	8.00								6259
N6268	SCO		Sco 2-1 Sco 3-1	9.50								6268
N6281	SCO		Sco 2-1 Sco 3-1	5.40								6281
N6318	SCO		Sco 2-1 Sco 3-1	11.80								6318
N6322	SCO		Sco 3-1	6.00								6322
N6374	SCO		Sco 3-1	9.00								6374
N6383	SCO		Sco 3-1	5.50								6383
N6396	SCO		Sco 3-1	8.50								6396
N6400	SCO		Sco 3-1	8.80								6400
N6404	SCO		Sco 3-1	10.60								6404
N6415	SCO		Sco 3-1	12.00								6415
N6416	SCO		Sco 3-1	5.70								6416
N6425	SCO		Sco 3-1	7.20								6425
N6437	SCO		Sco 3-1	12.00								6437
Pismis 24	SCO		Sco 2-1 Sco 3-1	9.60								-
Ru 127	SCO		Sco 3-1	8.80								-
Tr 24	SCO		Sco 2-1 Sco 3-1	8.60								-
Tr 25	SCO		Sco 2-1 Sco 3-1	11.70								-
Tr 27	SCO		Sco 3-1	6.70								-
Tr 28	SCO		Sco 3-1	7.70								-
Tr 29	SCO		Sco 3-1	7.50								-
Tr 30	SCO		Sco 3-1	8.80								-
43 open clusters												

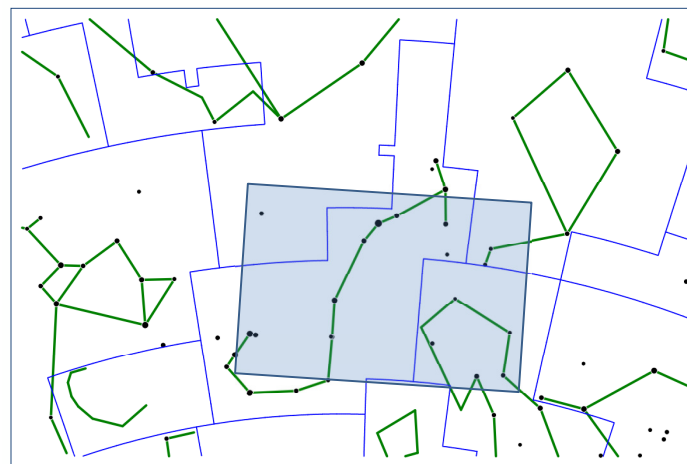
Globular clusters											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H316	SCO		Sco 1-1 Sco 2-1	9.10	6.2'						6144
M4	SCO		Sco 2-1	5.60	12'	3.5x15				7000 Ly	6121
M80	SCO		Sco 1-1	7.30	5'	10x50				30000 Ly	6093
N6139	SCO		Sco 2-1 Sco 3-1	9.20							6139
N6256	SCO		Sco 2-1 Sco 3-1	11.30							6256
N6380	SCO		Sco 2-1 Sco 3-1	11.50							6380
N6388	SCO		Sco 3-1	6.80							6388
N6441	SCO		Sco 3-1	7.40							6441
N6453	SCO		Sco 3-1	10.20							6453
N6496	SCO		Sco 3-1	8.60							6496
10 globular clusters											

Nebula											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6480	SCO		Sco 3-1	12.00							6480
1 nebula											

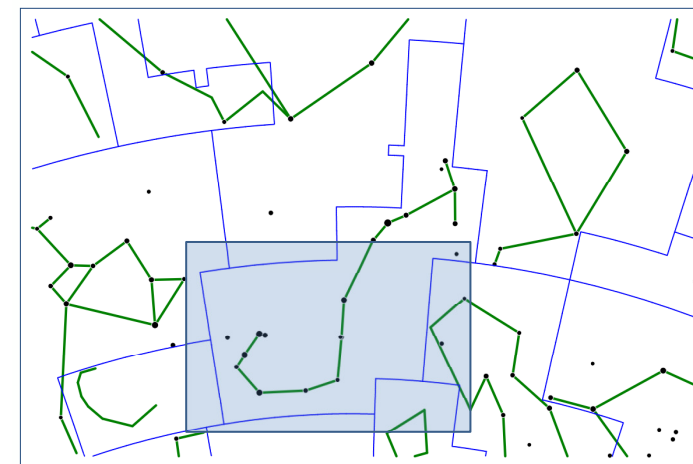
Planetary nebula											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C69	SCO	Bug nebula	Sco 2-1 Sco 3-1	9.60	0.9'	80 mm	+	+	-	6500 Ly	6302
N6153	SCO		Sco 2-1 Sco 3-1	11.50	25"						6153
PK 342- 4.1	SCO		Sco 3-1	12.00	40"						-
PK 345- 4.1	SCO		Sco 3-1	11.90	5"						-
PK 353- 4.1	SCO		Sco 3-1	12.00	10"						-
PK 357- 4.3	SCO		Sco 3-1	8.50	2"						-
6 planetary nebula											



Sco 1-1

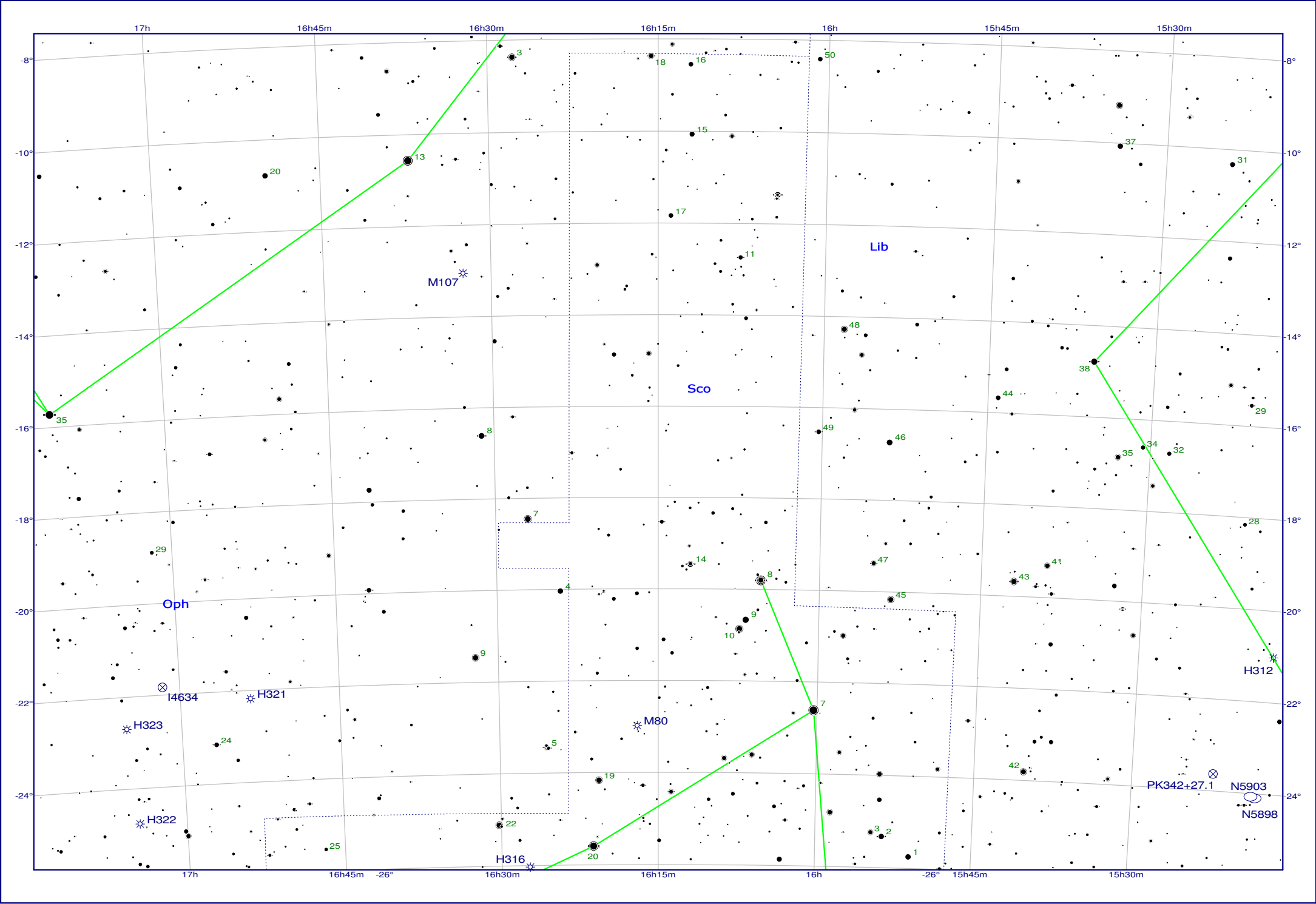


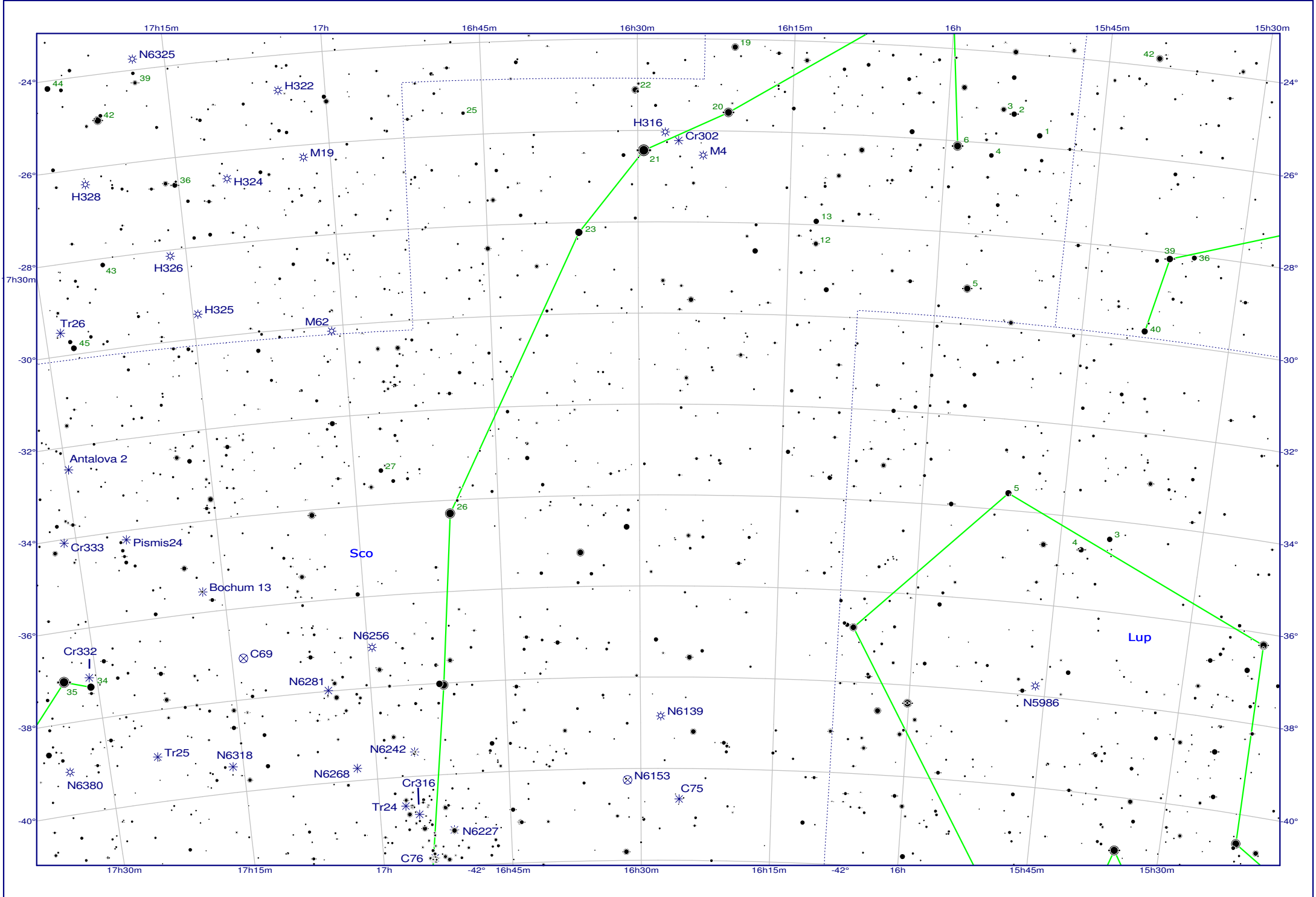
Sco 2-1



Sco 3-1

Star map history	
V 1.00 (2014)	Initial release N6374 removed (= N6383) N6222 removed (= N6216)







Globular clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H312	LIB			8.60	8.7'						5897
H316	SCO			9.10	6.2'						6144
H321	OPH			10.20	1.9'						6235
H322	OPH			9.00	2.7'						6284
H323	OPH			9.20	2.7'						6287
M107	OPH			7.90	2.5'	10x50				20000 Ly	6171
M80	SCO			7.30	5'	10x50				30000 Ly	6093
7 globular clusters											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N5898	LIB			11.40							5898
N5903	LIB			11.20							5903
2 galaxies											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I4634	OPH		Pale blue disk	12.00	20"						IC4634
PK 342+27.1	LIB			11.60	16"	220x					-
2 planetary nebula											

Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Antalova 2	SCO			8.80							-
Bochum 13	SCO			7.20							-
C75	SCO			5.80	30'	n. eye				2000 Ly	6124
C76	SCO			2.60	15'	n. eye				5000 Ly	6231
Cr 302	SCO			1.00							-
Cr 316	SCO			3.40							-
Cr 332	SCO			8.90							-
Cr 333	SCO			9.80							-
N6227	SCO			5.00							6227
N6242	SCO			6.40							6242
N6268	SCO			9.50							6268
N6281	SCO			5.40							6281
N6318	SCO			11.80							6318
Pismis 24	SCO			9.60							-
Tr 24	SCO			8.60							-
Tr 25	SCO			11.70							-
Tr 26	OPH			9.50							-
17 open clusters											

Globular clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H316	SCO			9.10	6.2'						6144
H322	OPH			9.00	2.7'						6284
H324	OPH			8.20	3.5'						6293
H325	OPH			8.40	3.8'						6304
H326	OPH			9.00	4.9'						6316
H328	OPH			9.60	6.1'						6355
M19	OPH			6.80	3'x2.5'	8x30				30000 Ly	6273
M4	SCO			5.60	12'	3.5x15				7000 Ly	6121
M62	OPH			6.50	3.5'	8x30				20000 Ly	6266
N5986	LUP			7.60							5986
N6139	SCO			9.20							6139
N6256	SCO			11.30							6256
N6325	OPH			10.20							6325
N6380	SCO			11.50							6380
14 globular clusters											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C69	SCO	Bug nebula		9.60	0.9'	80 mm	+	+	-	6500 Ly	6302
N6153	SCO		Stellar	11.50	25"						6153
2 planetary nebula											

Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Antalova 2	SCO	Butterfly cluster		8.80							-
Bochum 13	SCO			7.20							-
C75	SCO			5.80	30'	n. eye				2000 Ly	6124
C76	SCO			2.60	15'	n. eye				5000 Ly	6231
Cr 316	SCO			3.40	-						
Cr 332	SCO			8.90	-						
Cr 333	SCO			9.80	-						
Cr 338	SCO			8.00	-						
Cr 345	SCO			10.90	-						
Cr 347	SGR			8.80	-						
Cr 351	SGR			9.30	-						
H335	SCO			8.00	8'	-					
Lynga 14	SCO			9.70	-						
M6	SCO			5.30	25'x20'	n. eye				1800 Ly	6405
M7	SCO			4.10	80'	n. eye				900 Ly	6475
N6169	NOR			6.60	-						
N6178	SCO			7.20	-						
N6192	SCO			8.50	-						
N6204	ARA			8.20	-						
N6216	SCO			10.10	-						
N6222	SCO	10.00	-								
N6227	SCO	5.00	-								
N6242	SCO	6.40	-								
N6249	SCO	8.20	-								
N6250	ARA	5.90	-								
N6259	SCO	8.00	-								
N6268	SCO	9.50	-								
N6281	SCO	5.40	-								
N6318	SCO	11.80	-								
N6322	SCO	6.00	-								
N6374	SCO	9.00	-								
N6383	SCO	5.50	-								
N6396	SCO	8.50	-								
N6400	SCO	8.80	-								
N6404	SCO	10.60	-								
N6415	SCO	12.00	-								
N6416	SCO	5.70	-								
N6425	SCO	7.20	-								
N6437	SCO	12.00	-								
N6476	SGR	12.00	-								
Pismis 24	SCO	9.60	-								
Ru 127	SCO	8.80	-								
Tr 24	SCO	8.60	-								
Tr 25	SCO	11.70	-								
Tr 26	OPH	9.50	-								
Tr 27	SCO	6.70	-								
Tr 28	SCO	7.70	-								
Tr 29	SCO	7.50	-								
Tr 30	SCO	8.80	-								
Tr 31	SGR	9.80	-								
50 open clusters											

Globular clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C78	CRA			6.60	6'	8x30				22000 Ly	6541
H325	OPH			8.40	3.8'						6304
M62	OPH			6.50	3.5'	8x30				20000 Ly	6266
N6139	SCO			9.20							6139
N6256	SCO			11.30							6256
N6380	SCO			11.50							6380
N6388	SCO			6.80							6388
N6441	SCO			7.40							6441
N6453	SCO			10.20							6453
N6496	SCO			8.60							6496
10 globular clusters											

Nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6480	SCO			12.00							6480
1 nebula											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C69	SCO	Bug nebula		9.60	0.9'	80 mm	+	+	-	6500 Ly	6302
N6153	SCO		Stellar	11.50	25"						6153
PK 342- 4.1	SCO			12.00	40"						-
PK 345- 4.1	SCO			11.90	5"						-
PK 352- 7.1	CRA		Stellar	11.40	2"						-
PK 353- 4.1	SCO			12.00	10"						-
PK 355- 6.5	SGR			11.70	5"						-
PK 357- 4.3	SCO			8.50	2"						-
8 planetary nebula											