

Orion

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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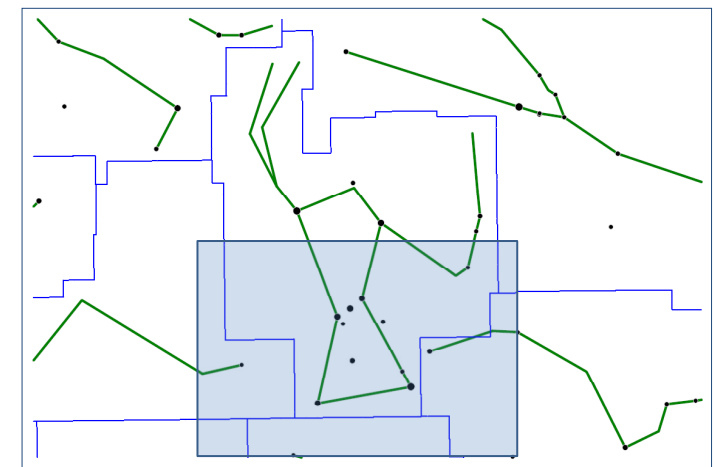
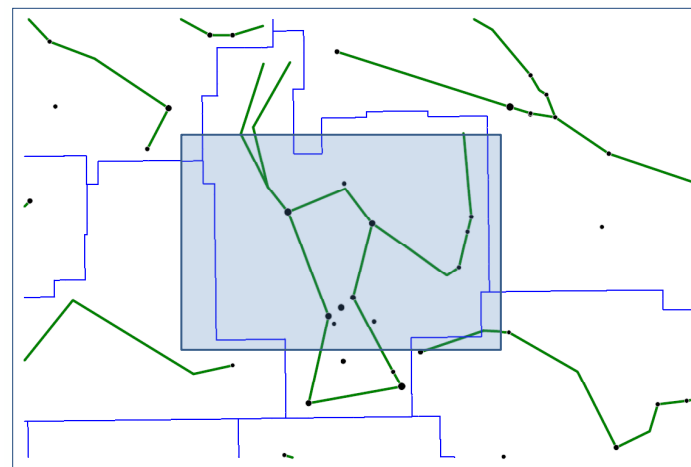
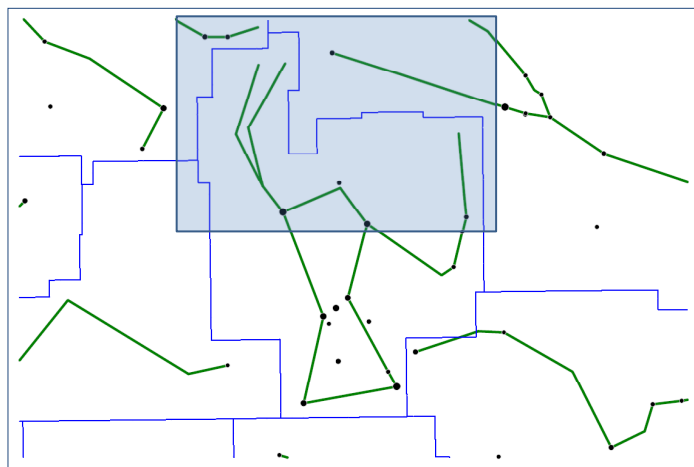


Open clusters											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Cr 350	OPH		Oph 1-1 Oph 1-2 Oph 2-1	6.10							-
H350	OPH		Oph 1-1	4.60	27'						6633
I4665	OPH		Oph 1-1 Oph 1-2	4.20							IC4665
Mel 186	OPH		Oph 1-1 Oph 2-1	3.00							-
Tr 26	OPH		Oph 3-1	9.50							-
5 open clusters											

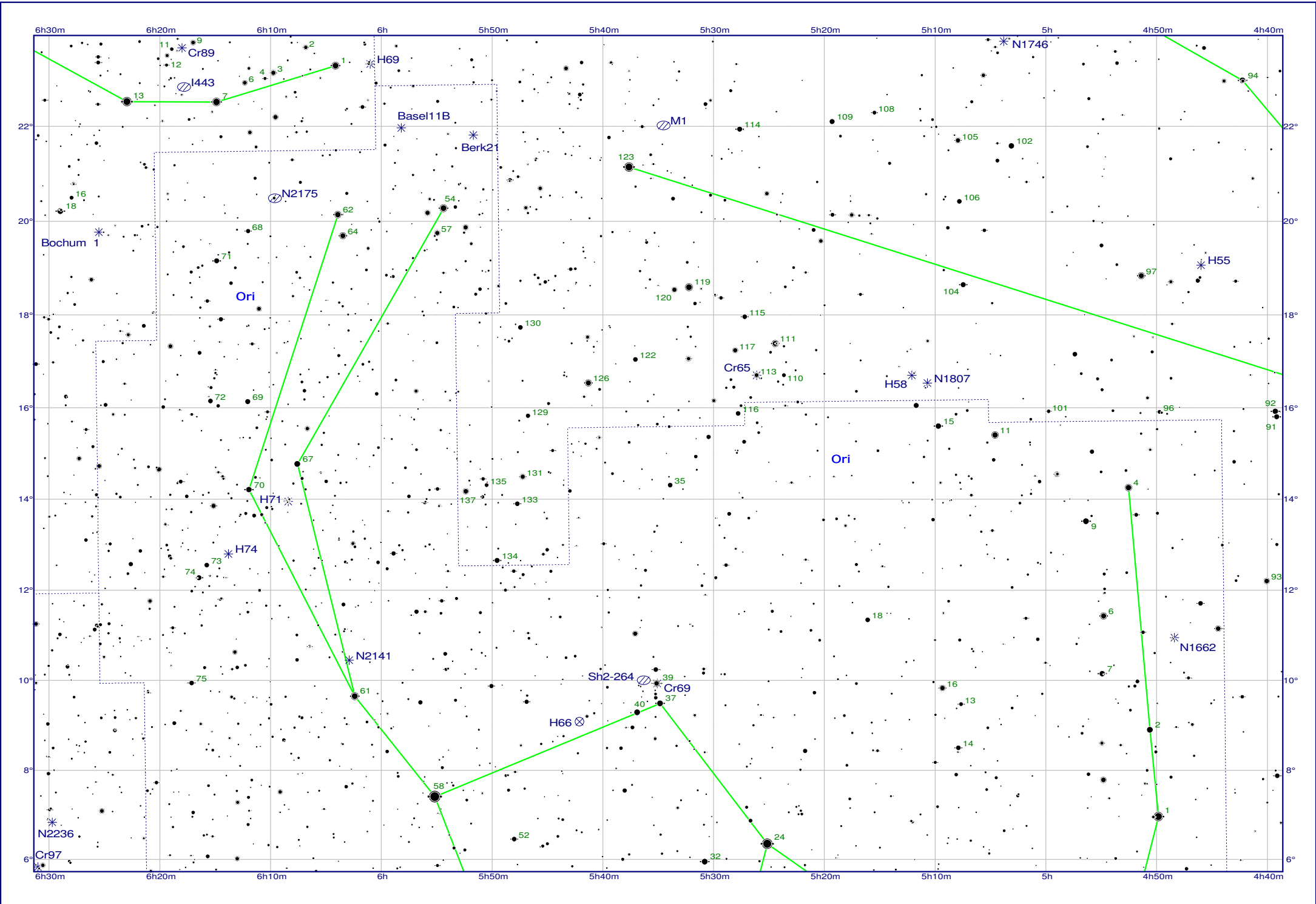
Globular clusters											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H321	OPH		Oph 3-1	10.20	1.9'						6235
H322	OPH		Oph 3-1	9.00	2.7'						6284
H323	OPH		Oph 3-1	9.20	2.7'						6287
H324	OPH		Oph 3-1	8.20	3.5'						6293
H325	OPH		Oph 3-1	8.40	3.8'						6304
H326	OPH		Oph 3-1	9.00	4.9'						6316
H327	OPH		Oph 3-1	9.90	3'						6342
H328	OPH		Oph 3-1	9.60	6.1'						6355
H329	OPH		Oph 3-1	8.40	3.5'						6356
H331	OPH		Oph 3-1	9.50	1'						6401
H332	OPH		Oph 1-1 Oph 1-2 Oph 2-1	11.20	3.2'						6426
H337	OPH		Oph 2-1	10.30	1'						6517
M10	OPH		Oph 2-1 Oph 2-2	6.60	8'	8x30				15000 Ly	6254
M107	OPH		Oph 2-2 Oph 3-1	7.90	2.5'	10x50				20000 Ly	6171
M12	OPH		Oph 1-2 Oph 2-1 Oph 2-2	6.70	5'	8x30				18000 Ly	6218
M14	OPH		Oph 2-1	7.60	3'	10x50				30000 Ly	6402
M19	OPH		Oph 3-1	6.80	3'x2.5'	8x30				30000 Ly	6273
M62	OPH		Oph 3-1	6.50	3.5'	8x30				20000 Ly	6266
M9	OPH		Oph 3-1	7.70	3'	10x50				25000 Ly	6333
N6325	OPH		Oph 3-1	10.20							6325
N6366	OPH		Oph 2-1	9.50							6366
Pal 6	OPH		Oph 3-1	11.60							-
22 globular clusters											

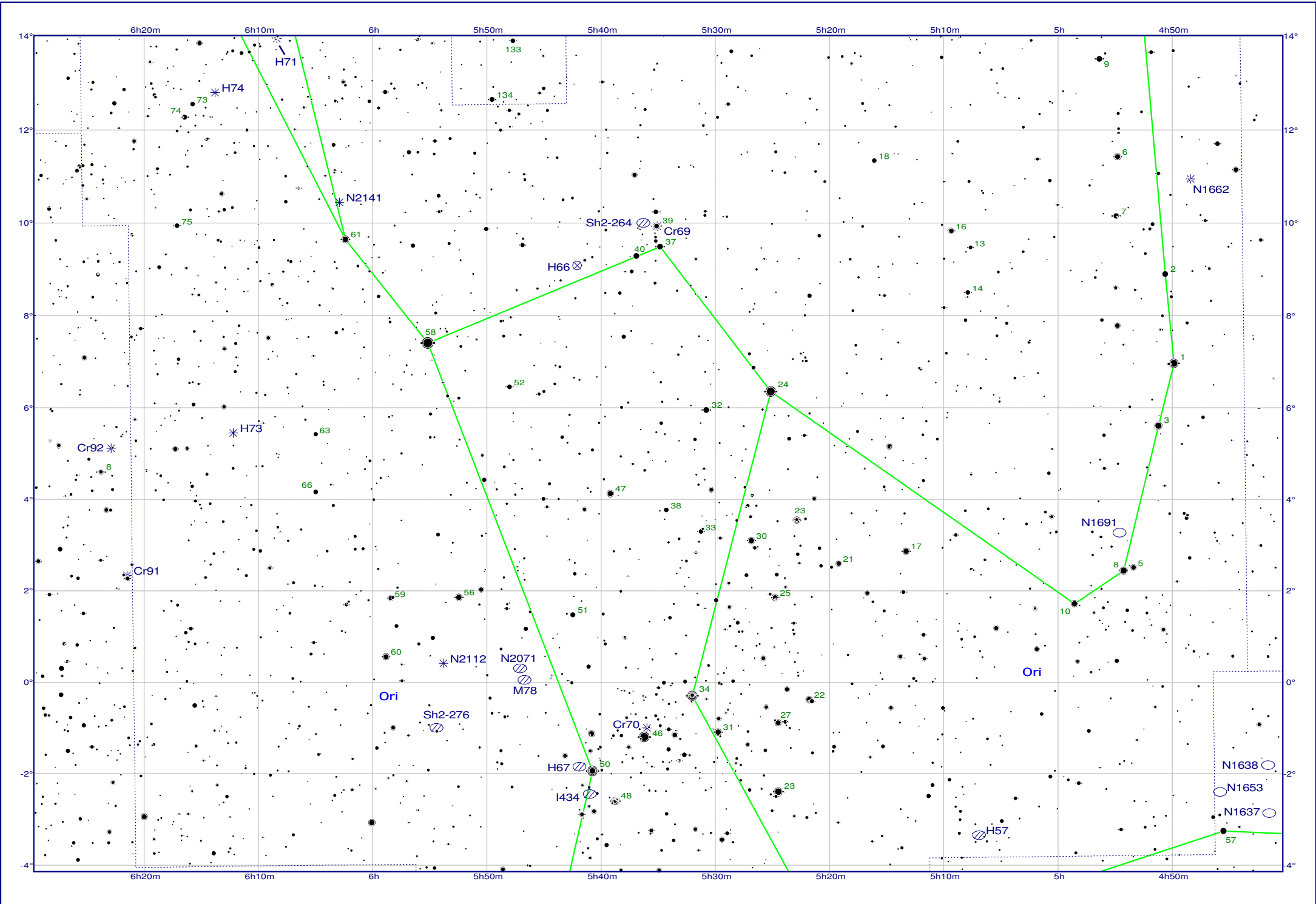
Galaxies											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6384	OPH		Oph 1-1 Oph 1-2	10.40							6384
1 galaxie											

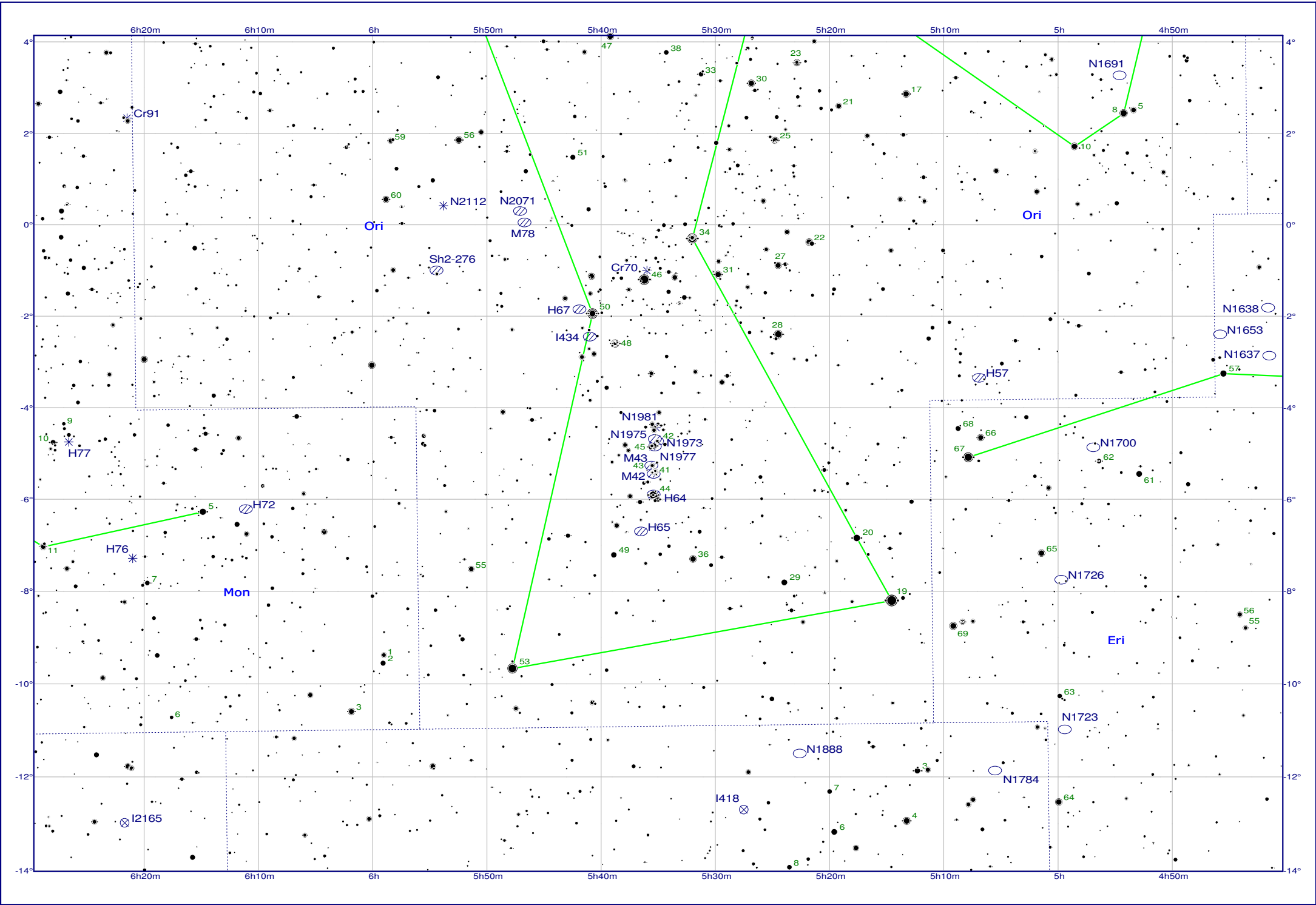
Planetary nebula											
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I4634	OPH		Oph 3-1	12.00	20"						IC4634
N6309	OPH		Oph 2-1 Oph 2-2 Oph 3-1	11.60	20"						6309
N6572	OPH		Oph 1-1	8.00	15"		++	?	?		6572
PK 8+ 6.1	OPH		Oph 3-1	11.00	10"						-
4 planetary nebula											



Star map history	
V 1.00 / 1.01 (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 11B	ORI			8.90							-
Berk 21	ORI			11.10							-
Bochum 1	GEM			7.90							-
Cr 65	ORI			3.00							-
Cr 69	ORI			2.80							-
Cr 89	GEM			5.70							-
Cr 97	MON			5.40							-
H55	TAU			6.40	45'						1647
H58	TAU			7.70	16'						1817
H69	GEM			6.70	7'						2129
H71	ORI			5.90	7'						2169
H74	ORI			8.50	10'						2194
N1662	ORI			6.40							1662
N1746	TAU			6.10							1746
N1807	TAU			7.00							1807
N2141	ORI			9.40							2141
N2236	MON			8.50							2236
17 open clusters											

Nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I443	GEM			12.00							IC443
M1	TAU	Crab nebula		8.40	5'x4'	10x50	+	+	-	4000 Ly	1952
N2175	ORI			6.80							2175
Sh2-264	ORI			5.00							-
4 nebula											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H66	ORI			12.00	28"		++	+	-		2022
1 planetary nebula											

Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Cr 69	ORI			2.80							-
Cr 70	ORI			0.40							-
Cr 91	MON			6.40							-
Cr 92	MON			8.50							-
H71	ORI			5.90	7'						2169
H73	ORI			8.70	4'						2186
H74	ORI			8.50	10'						2194
N1662	ORI			6.40							1662
N2112	ORI			9.10							2112
N2141	ORI			9.40							2141
10 open clusters											

Galaxies											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N1637	ERI			10.80							1637
N1638	ERI			12.00							1638
N1653	ERI			12.00							1653
N1691	ORI			12.00							1691
4 galaxies											

Nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H57	ORI			0.00	5'						1788
H67	ORI			0.00	30'		o	+	-		2024
I434	ORI			11.00			-	+	++		IC434
M78	ORI			8.30	5'x4'	10x50				1200 Ly	2068
N2071	ORI			8.00							2071
Sh2-264	ORI			5.00							-
Sh2-276	ORI			7.00							-
7 nebula											

Planetary nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H66	ORI			12.00	28"		++	+	-		2022
1 planetary nebula											

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Cr 70	ORI			0.40							-
Cr 91	MON			6.40							-
H76	MON			8.40	11'						2215
H77	MON			3.90	30'						2232
N1981	ORI			4.20							1981
N2112	ORI			9.10							2112

6 open clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N1637	ERI			10.80							1637
N1638	ERI			12.00							1638
N1653	ERI			12.00							1653
N1691	ORI			12.00							1691
N1700	ERI			11.20							1700
N1723	ERI			12.00							1723
N1726	ERI			11.70							1726
N1784	LEP			11.70							1784
N1888	LEP			11.90							1888

9 galaxies

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H57	ORI			0.00	5'						1788
H64	ORI			0.00	14'						1980
H65	ORI			0.00	2'		-	-	-		1999
H67	ORI			0.00	30'		o	+	-		2024
H72	MON			0.00	2'						2185
I434	ORI			11.00			-	+	++		IC434
M42	ORI	Great Orion nebula		4.00	25'x30'	n. eye	+	++	o	1400 Ly	1976
M43	ORI			9.00	6'x3'	10x50	o	+	++	1400 Ly	1982
M78	ORI			8.30	5'x4'	10x50				1200 Ly	2068
N1973	ORI			7.00							1973
N1975	ORI			7.00							1975
N1977	ORI			7.00							1977
N2071	ORI			8.00							2071
Sh2-276	ORI			7.00							-

14 nebula

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I2165	CMA			10.60	9"						IC2165
I418	LEP			10.70	14"						IC418

2 planetary nebula