Vulpecula

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)

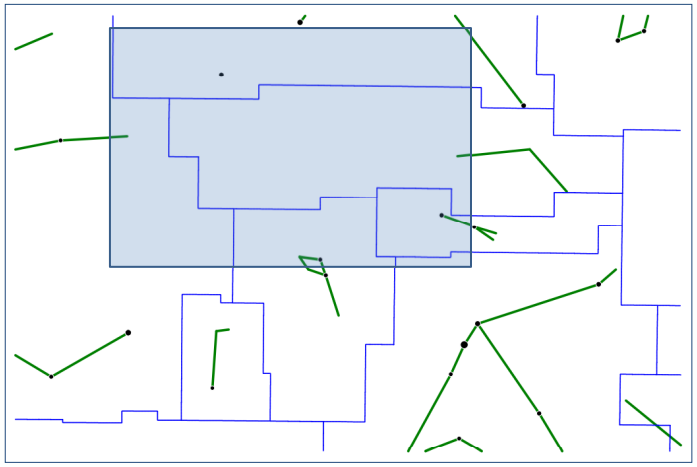
VULPECULA constellation index (objects up to 12^{m}0) — 10 Objects

Open clusters

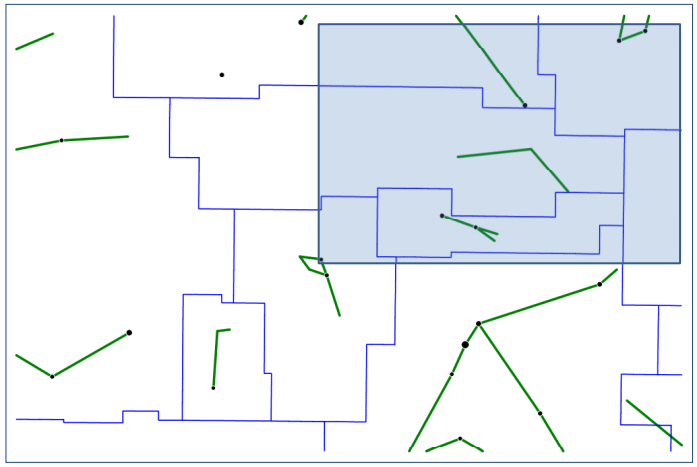
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C37	VUL		Vul 1-1 Vul 1-2	5.90	20'					1929 Ly	6885
Cr 399	VUL	The Coathanger	Vul 1-2	3.60	60'	n. eye				300 Ly	-
H359	VUL		Vul 1-2	8.80	5'x1.5'	50 mm				3000 Ly	6802
H361	VUL		Vul 1-2	7.10							6823
H363	VUL		Vul 1-1 Vul 1-2	7.90	12'						6830
H366	VUL		Vul 1-1 Vul 1-2	8.10	18'						6882
H372	VUL		Vul 1-1 Vul 1-2	6.30							6940
Roslund 4	VUL		Vul 1-1 Vul 1-2	10.00							-
Stock 1	VUL		Vul 1-2	5.30	1°	n. eye					-
9 open clusters											

Planetary nebula

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M27	VUL	Dumbell nebula	Vul 1-1 Vul 1-2	7.40	8'x4'	8x30	+	++	-	275 Ly	6853
1 planetary nebula											

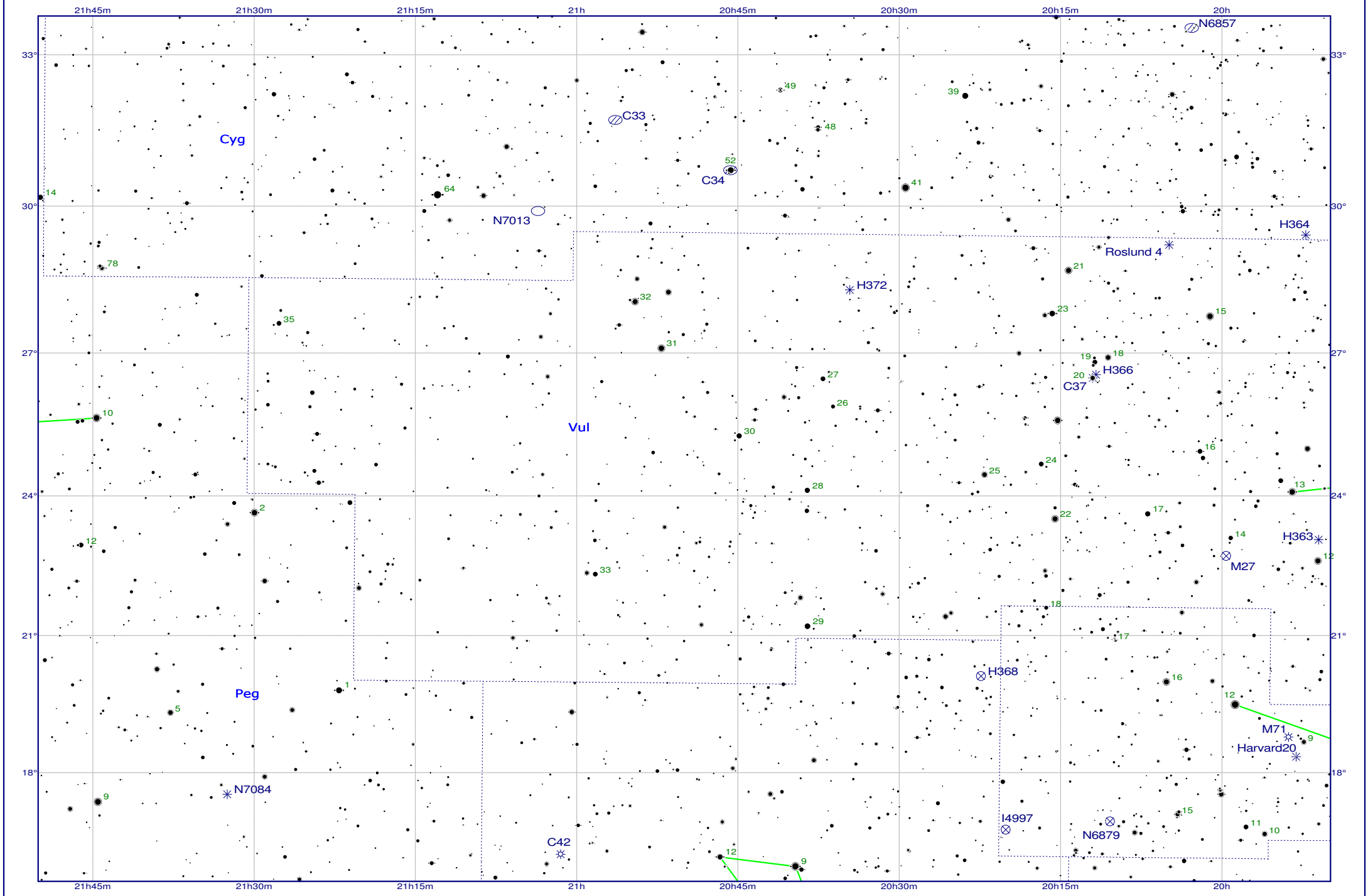


Vul 1-1

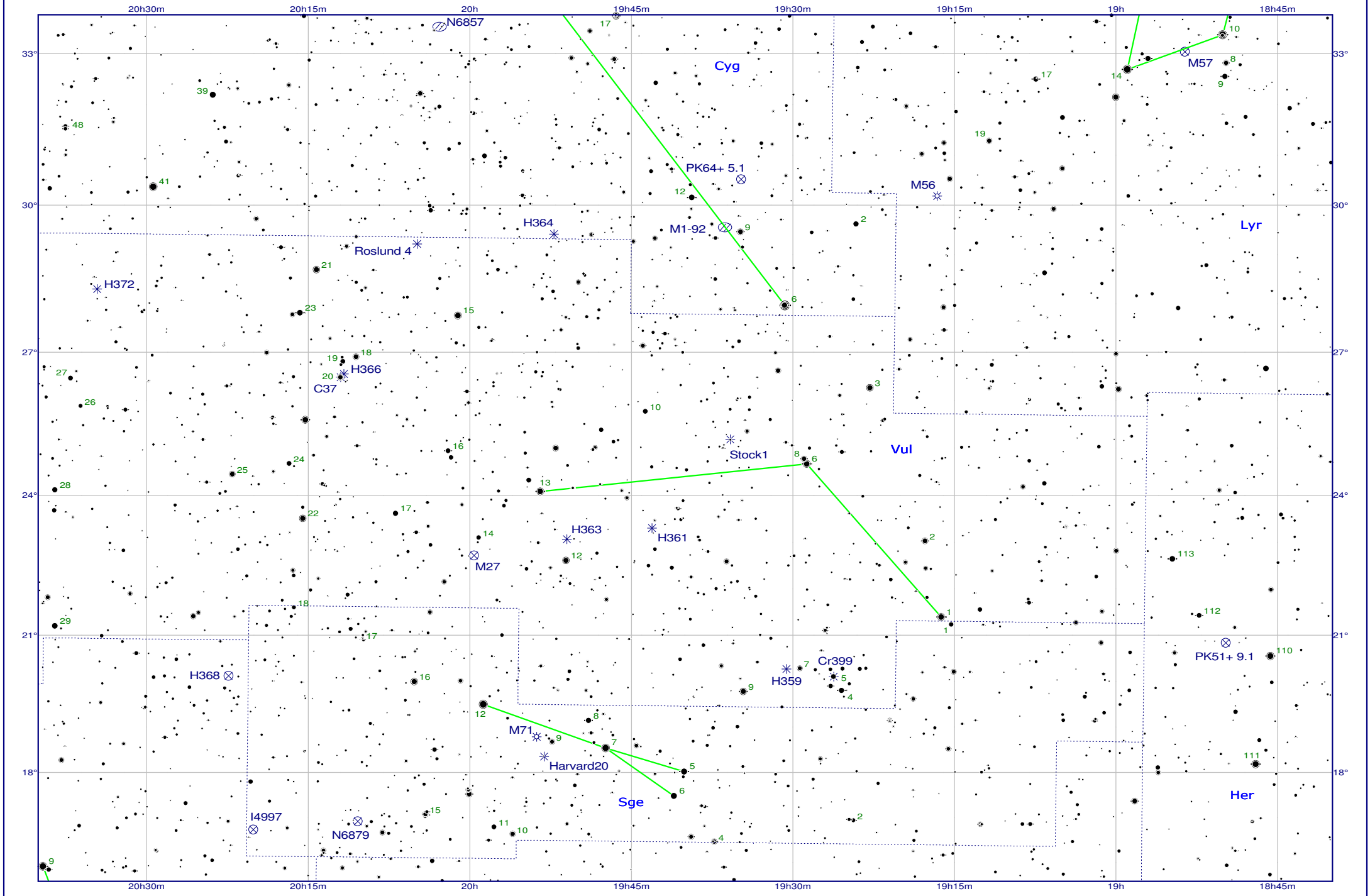


Vul 1-2

Star map history	
V 1.00 (2014)	Initial release



Vul 1-1



Vul 1-2

Vul 1-1 — 18 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C37	VUL		very bright, very large, rich in stars, little compressed	5.90	20'					1929 Ly	6885
H363	VUL			7.90	12'						6830
H364	CYG			7.80	5'						6834
H366	VUL			8.10	18'						6882
H372	VUL			6.30							6940
Harvard 20	SGE			7.70							-
N7084	PEG			12.00							7084
Roslund 4	VUL			10.00							-

8 open clusters

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C42	DEL		bright, pretty large, round	10.60	3'					135000 Ly	7006
M71	SGE			8.30	6'	10x50				18000 Ly	6838

2 globular clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N7013	CYG			11.30							7013

1 galaxie

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C33	CYG	Cirrus East		7	55'x5'	8x30				2000 Ly	6992
C34	CYG	Cirrus West		7	45'x5'	10x50	++	+	-	2000 Ly	6960
N6857	CYG			11.40							6857

3 nebula

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H368	DEL			12.00	0.7'	10x50				3000 Ly	6905
I4997	SGE			11.30	0.1'	63 mm	++	++	o	8000 Ly	IC4997
M27	VUL	Dumbell nebula		7.40	8'x4'	8x30	+	++	-	275 Ly	6853
N6879	SGE		Stellar (10m)	11.00	4.7''						6879

4 planetary nebula

Vul 1-2

22 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C37	VUL		very bright, very large, rich in stars, little compressed	5.90	20'					1929 Ly	6885
Cr 399	VUL	The Coathanger		3.60	60'	n. eye				300 Ly	-
H359	VUL			8.80	5'x1.5'	50 mm				3000 Ly	6802
H361	VUL			7.10							6823
H363	VUL			7.90	12'						6830
H364	CYG			7.80	5'						6834
H366	VUL			8.10	18'						6882
H372	VUL			6.30							6940
Harvard 20	SGE			7.70							-
Roslund 4	VUL			10.00							-
Stock 1	VUL			5.30	1°	n. eye					-

11 open clusters

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M56	LYR			8.30	3'	10x50				30000 Ly	6779
M71	SGE			8.30	6'	10x50				18000 Ly	6838

2 globular clusters

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M1-92	CYG			11.70							-
N6857	CYG			11.40							6857

2 nebula

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H368	DEL			12.00	0.7'	10x50				3000 Ly	6905
I4997	SGE			11.30	0.1'	63 mm	++	++	o	8000 Ly	IC4997
M27	VUL	Dumbell nebula		7.40	8'x4'	8x30	+	++	-	275 Ly	6853
M57	LYR	Ring nebula		8.80	1.2'	8x30	+	+	-	1800 Ly	6720
N6879	SGE		Stellar (10m)	11.00	4.7''						6879
PK 51+ 9.1	HER		Stellar	11.60	3''						-
PK 64+ 5.1	CYG	Campbell's hydrogen star		9.60	35''	320x					-

7 planetary nebula