Perseus

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)

PERSEUS constellation index (objects up to 12^{m}0) — 35 Objects

Open clusters

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 10	PER		Per 1-1 Per 1-2	9.90							-
Berk 11	PER		Per 1-1 Per 2-1	10.40							-
Berk 68	PER		Per 1-1 Per 2-1	9.80							-
C14	PER	h+χ	Per 1-1 Per 1-2	4.30	20'	n. eye				8000 Ly	869/884
Czernik 8	PER		Per 1-1 Per 1-2	9.70							-
H45	PER		Per 1-1 Per 1-2	8.40	9'	63 mm				7000 Ly	1245
H46	PER		Per 2-1	6.70	14'						1342
H48	PER		Per 1-1 Per 1-2	6.60	4'						1444
H51	PER		Per 1-1 Per 1-2	8.40	9'						1513
H52	PER		Per 1-1 Per 1-2	6.40	18'	8x30				2500 Ly	1528
H54	PER		Per 1-1	6.20	15'	10x50				2400 Ly	1545
M34	PER		Per 1-1 Per 2-1	5.50	35'	n. eye				1500 Ly	1039
Mel 20	PER		Per 1-1 Per 1-2	1.20							-
N1220	PER		Per 1-1 Per 1-2	11.80							1220
N1496	PER		Per 1-1 Per 1-2	9.60							1496
N1582	PER		Per 1-1 Per 2-1	7.00							1582
N1605	PER		Per 1-1 Per 2-1	10.70							1605
N744	PER		Per 1-2	7.90							744
N957	PER		Per 1-1 Per 1-2	7.60							957
Ru 148	PER		Per 1-1 Per 2-1	9.50							-
Tr 2	PER		Per 1-1 Per 1-2	5.90							-

21 open clusters

Galaxies

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C24	PER		Per 2-1	11.60	1'	150 mm				250 Mio. Ly	1275
H40	PER		Per 2-1	9.50	8.1'						1023
N1003	PER		Per 2-1	11.40							1003
N1058	PER		Per 2-1	11.20							1058
N1161	PER		Per 1-1 Per 1-2 Per 2-1	11.00							1161
N1169	PER		Per 1-1 Per 1-2 Per 2-1	11.30							1169
N1186	PER		Per 1-1 Per 1-2 Per 2-1	11.40							1186
N1272	PER		Per 2-1	11.80							1272

8 galaxies

Nebula

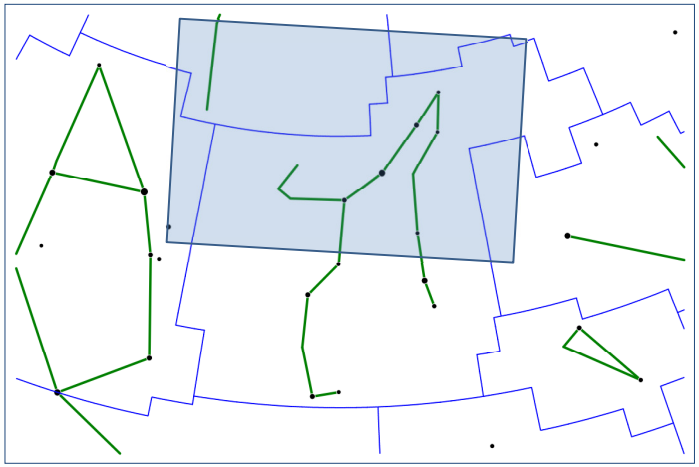
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I348	PER		Per 2-1	7.30							IC348
N1499	PER	California Nebula	Per 2-1	5.00	2.5°x0.8°	10x50	-	o	++	500 Ly	1499
N1624	PER		Per 1-1	11.80							1624

3 nebula

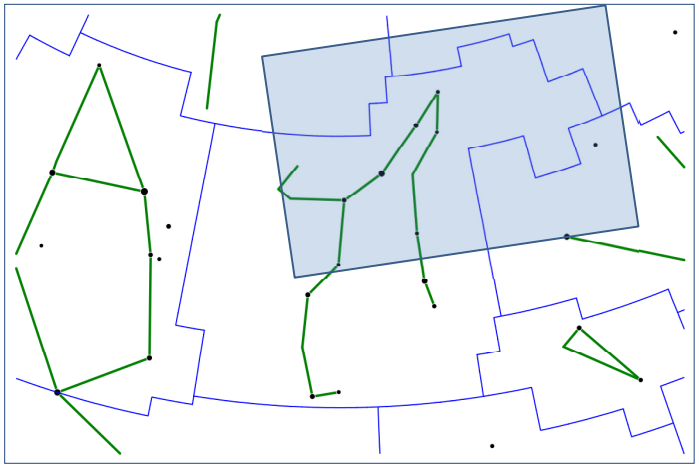
Planetary nebula

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H26	PER		Per 1-2	12.00	163''						651
I351	PER		Per 2-1	11.90	8''						IC351
M76	PER	Little dumbell	Per 1-2	10.10	1'	10x50	++	++	-	4000 Ly	650

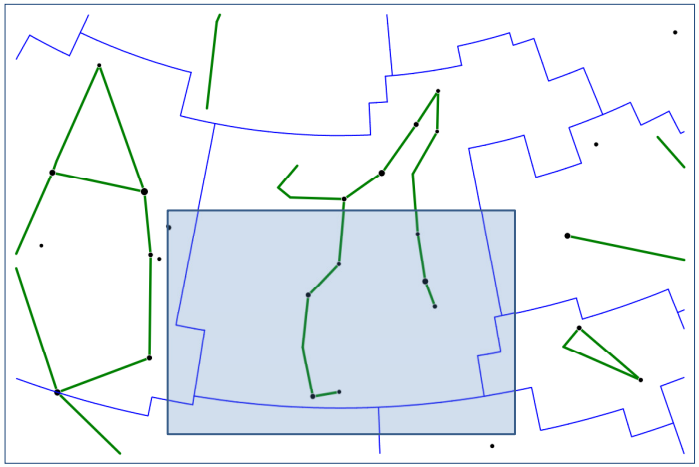
3 planetary nebula



Per 1-1

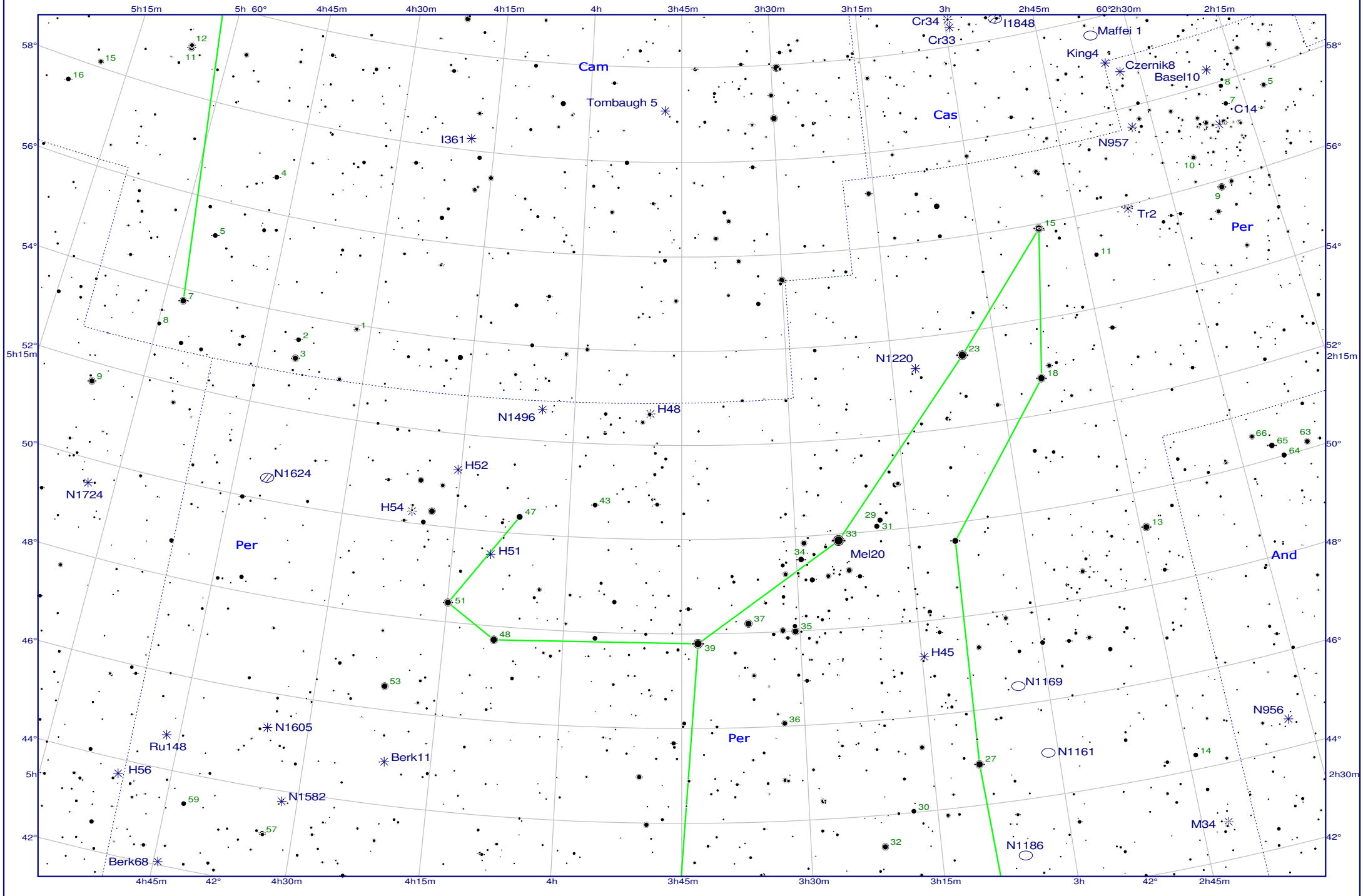


Per 1-2

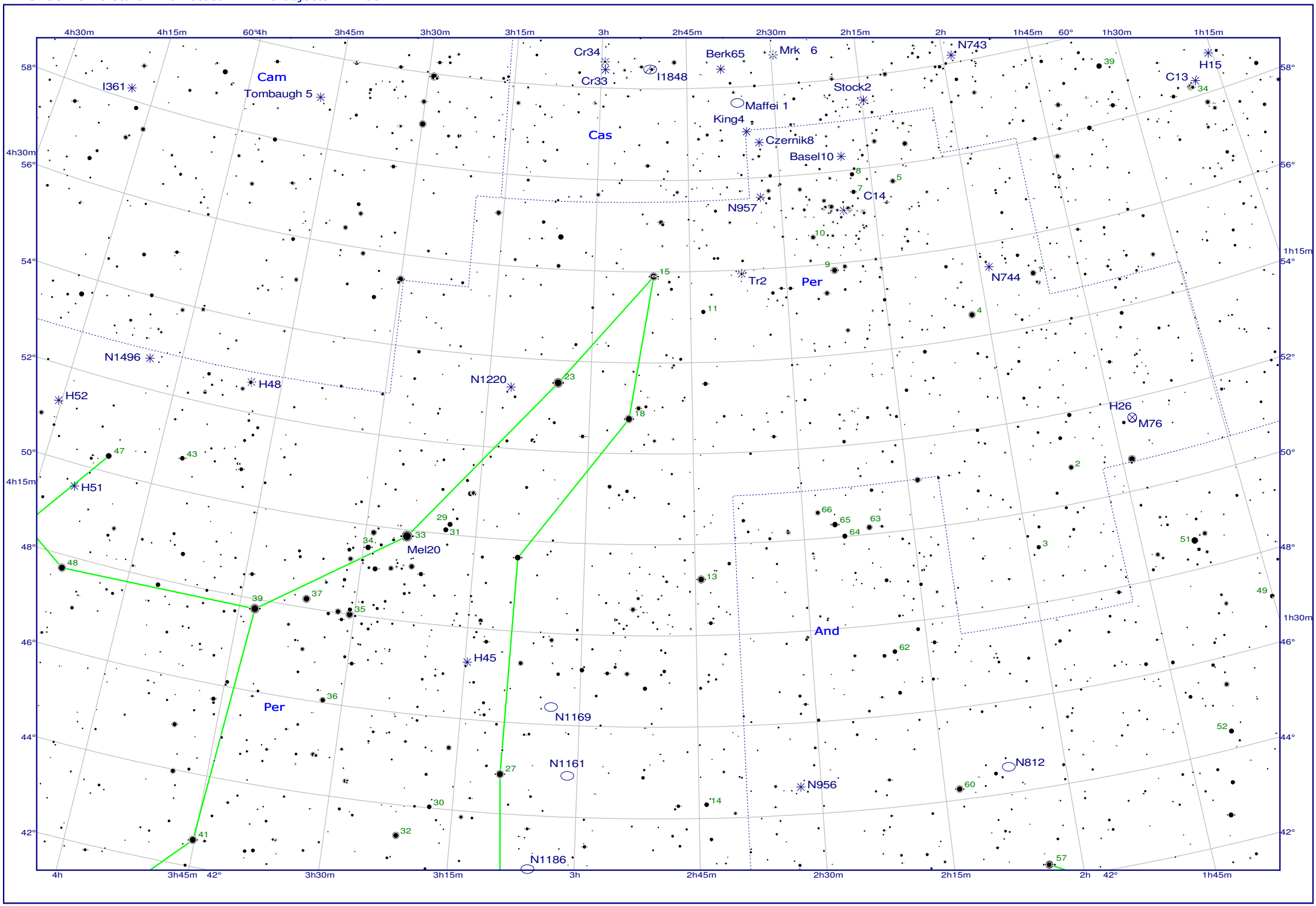


Per 2-1

Star map history	
V 1.00 (2014)	Initial release

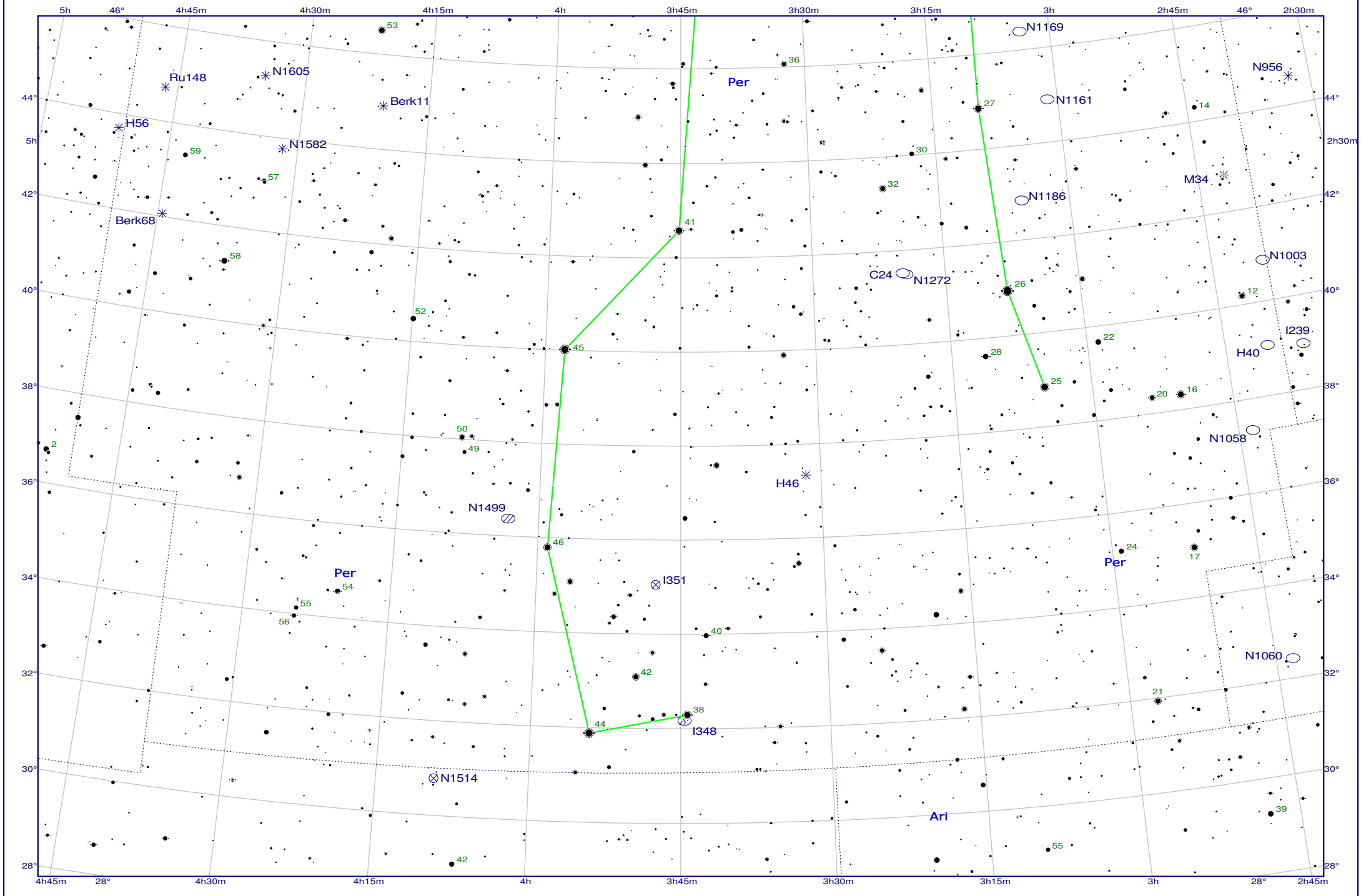


Per 1-1



Per 1-2

PERSEUS - 9m0 stars - Flamsteed - 12m0 objects - v1.00



Per 2-1

Per 1-1 — 33 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 10	PER			9.90							-
Berk 11	PER			10.40							-
Berk 68	PER			9.80							-
C14	PER	h+χ		4.30	20'	n. eye				8000 Ly	869/884
Cr 33	CAS			5.90							-
Cr 34	CAS			6.80							-
Czernik 8	PER			9.70							-
H45	PER			8.40	9'	63 mm				7000 Ly	1245
H48	PER			6.60	4'						1444
H51	PER			8.40	9'						1513
H52	PER			6.40	18'	8x30				2500 Ly	1528
H54	PER			6.20	15'	10x50				2400 Ly	1545
H56	AUR			7.60							1664
I361	CAM			11.70							IC361
King 4	CAS			10.50							-
M34	PER			5.50	35'	n. eye				1500 Ly	1039
Mel 20	PER			1.20							-
N1220	PER			11.80							1220
N1496	PER			9.60							1496
N1582	PER			7.00							1582
N1605	PER			10.70							1605
N1724	AUR			10.00							1724
N956	AND			8.90							956
N957	PER			7.60							957
Ru 148	PER			9.50							-
Tombaugh 5	CAM			8.40							-
Tr 2	PER			5.90							-

27 open clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Maffei 1	CAS			11.40							-
N1161	PER			11.00							1161
N1169	PER			11.30							1169
N1186	PER			11.40							1186

4 galaxies

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I1848	CAS			6.50	1.5°x0.5°	50 mm	++	++	-	7800 Ly	IC1848
N1624	PER			11.80							1624

2 nebula

Per 1-2 — 33 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Basel 10	PER			9.90							-
Berk 65	CAS			10.20							-
C13	CAS	Owl cluster		6.40	15'x10'	8x30				8200 Ly	457
C14	PER	h+χ		4.30	20'	n. eye				8000 Ly	869/884
Cr 33	CAS			5.90							-
Cr 34	CAS			6.80							-
Czernik 8	PER			9.70							-
H15	CAS			8.80	6'						436
H45	PER			8.40	9'	63 mm				7000 Ly	1245
H48	PER			6.60	4'						1444
H51	PER			8.40	9'						1513
H52	PER			6.40	18'	8x30				2500 Ly	1528
I361	CAM			11.70							IC361
King 4	CAS			10.50							-
Mel 20	PER			1.20							-
Mrk 6	CAS			7.10							-
N1220	PER			11.80							1220
N1496	PER			9.60							1496
N743	CAS			9.50							743
N744	PER			7.90							744
N956	AND			8.90							956
N957	PER			7.60							957
Stock 2	CAS			4.40							-
Tombaugh 5	CAM			8.40							-
Tr 2	PER			5.90							-

25 open clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Maffei 1	CAS			11.40							-
N1161	PER			11.00							1161
N1169	PER			11.30							1169
N1186	PER			11.40							1186
N812	AND			11.20							812

5 galaxies

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I1848	CAS			6.50	1.5°x0.5°	50 mm	++	++	-	7800 Ly	IC1848

1 nebula

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H26	PER			12.00	163''						651
M76	PER	Little dumbell		10.10	1'	10x50	++	++	-	4000 Ly	650

2 planetary nebula

Per 2-1 — 23 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Berk 11	PER			10.40							-
Berk 68	PER			9.80							-
H46	PER			6.70	14'						1342
H56	AUR			7.60							1664
M34	PER			5.50	35'	n. eye				1500 Ly	1039
N1582	PER			7.00							1582
N1605	PER			10.70							1605
N956	AND			8.90							956
Ru 148	PER			9.50							-
9 open clusters											

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C24	PER			11.60	1'	150 mm				250 Mio. Ly	1275
H40	PER			9.50	8.1'						1023
I239	AND			11.10							IC239
N1003	PER			11.40							1003
N1058	PER			11.20							1058
N1060	TRI			11.80							1060
N1161	PER			11.00							1161
N1169	PER			11.30							1169
N1186	PER			11.40							1186
N1272	PER			11.80							1272
10 galaxies											

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I348	PER			7.30							IC348
N1499	PER	California Nebula		5.00	2.5°x0.8°	10x50	-	o	++	500 Ly	1499
2 nebula											

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I351	PER			11.90	8''						IC351
N1514	TAU		in nebula 3' diam	10.80	120''		++	++	-		1514
2 planetary nebula											