Caldwell Deep Sky Catalogue

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v0.1 - January 2013

INTRODUCTION

Welcome to my Caldwell Deep Sky Catalogue. This is designed to complement the information available from my website http://www.JimsCosmos.com/and being a lightweight deep sky guide for use at the eyepiece. It does not contain exhaustive information for each object, see the references section sec:references to obtain more detailed information. However this pocket guide does contain enough information to find the objects, see a little information on each object including images from DSS.

1.1 Layout and Key concept

The remainder of the pocket guide displays each object in turn with the following information:

- Star chart
- Key facts
- Image from the DSS
- Links into my site which intrun link to key sources

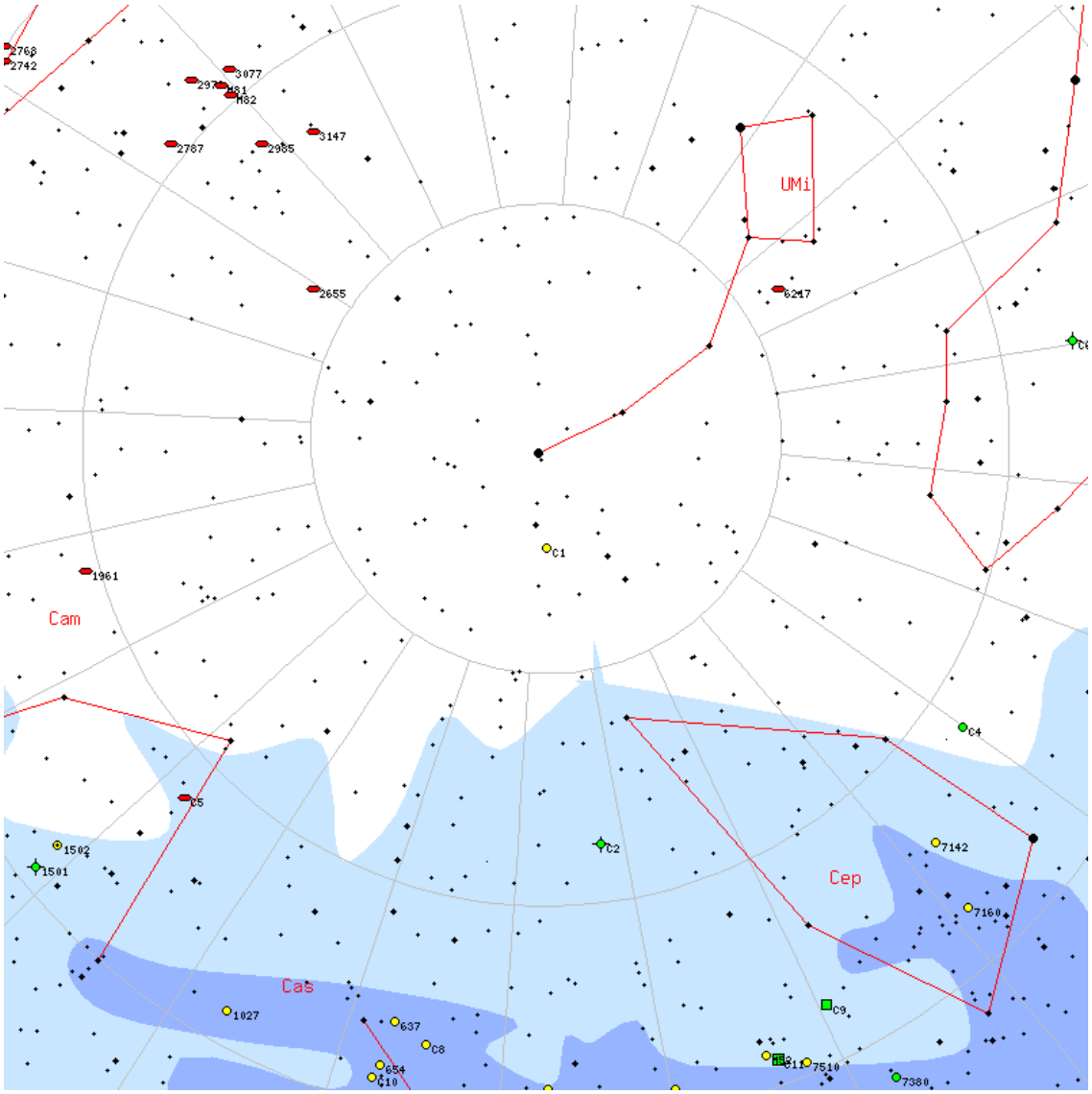
Also note that:

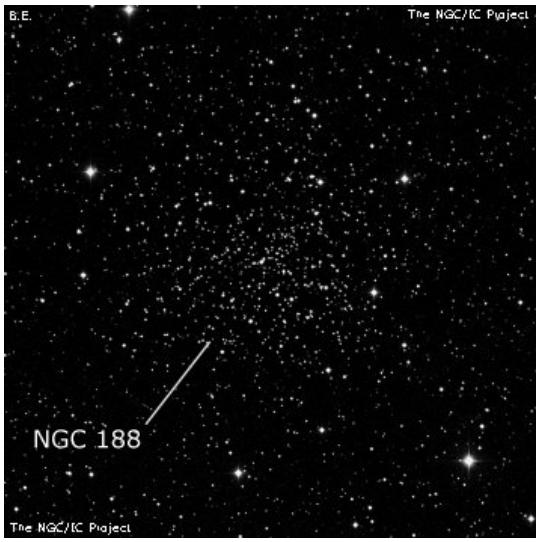
- The page number councides with the objects ID
- Each page has the same layout
- All information coincides with information from my website http://www.JimsCosmos.com/

1.2 Printing

This pocket guide is designed to be printed as a double sided A5 booklet (4 pages a sheet), or kept as a PDF document.

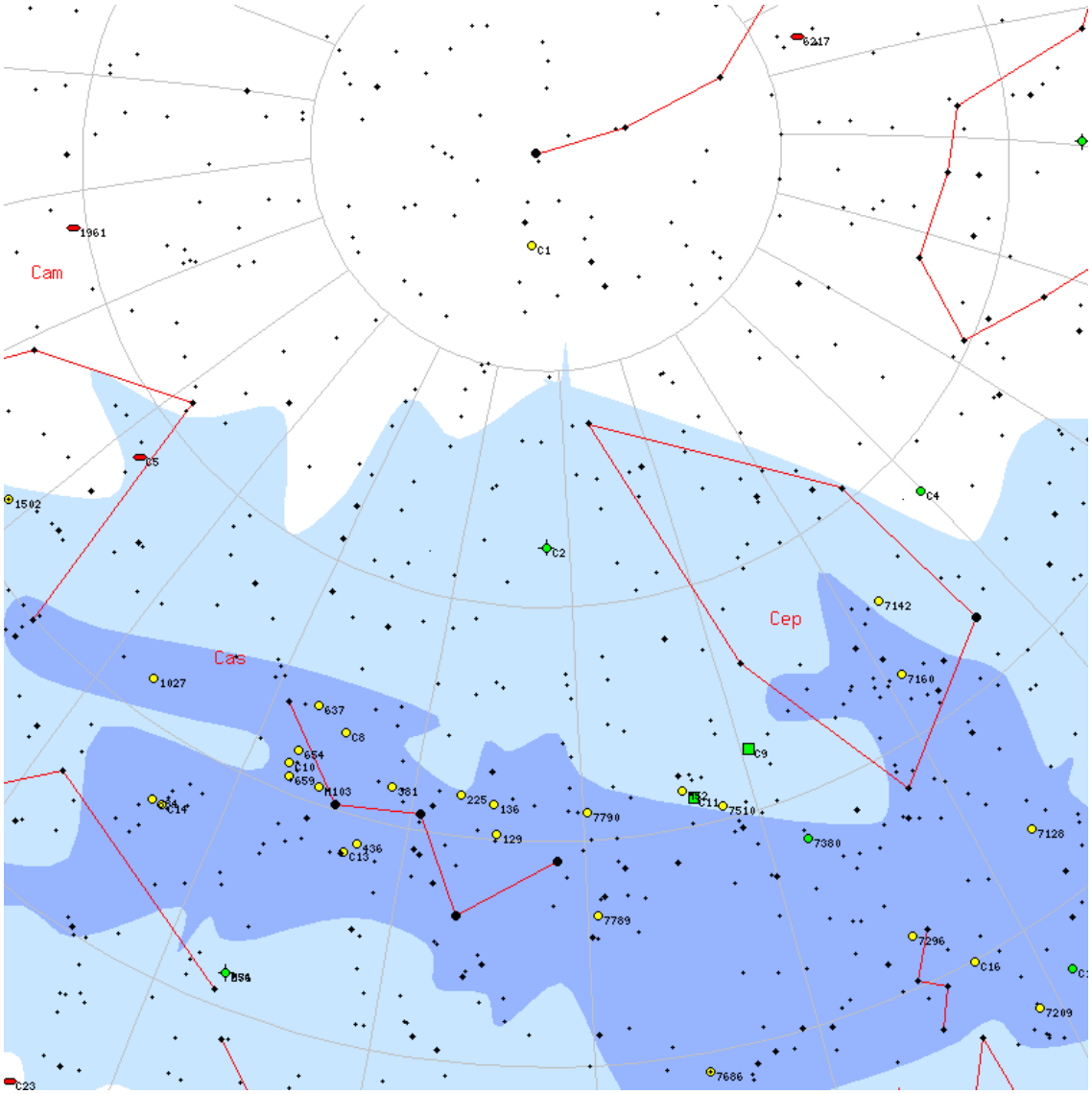
M	C1	ID	NGC188
Constellation	Cep	Type	OC
Magnitude	8.1	Size	14 x 14
RA	00h 43m	Dec	+85d 19m
Name			
Description	Cl, vL, R, 150-200 st 10...18		

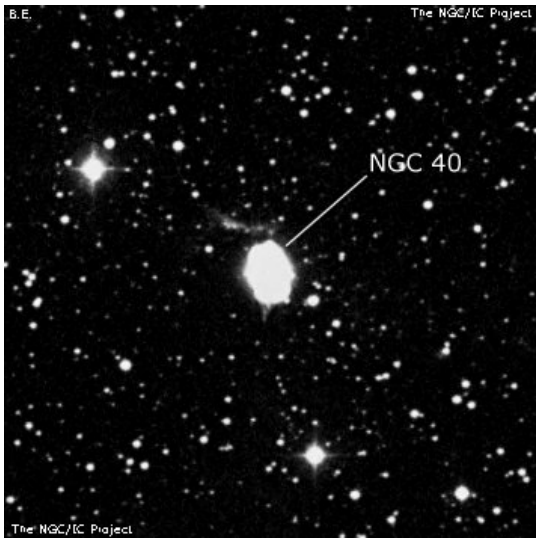




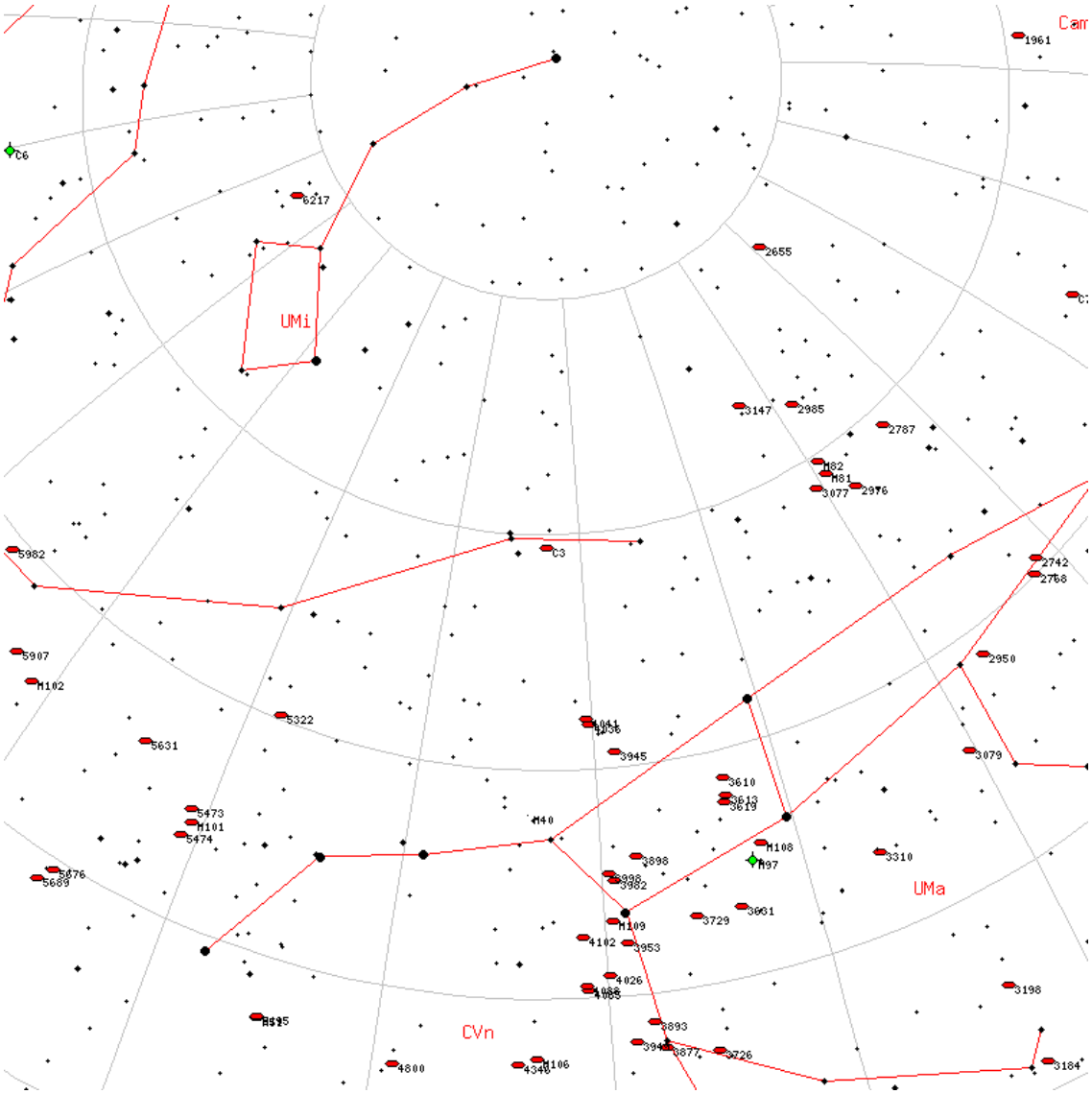
C2

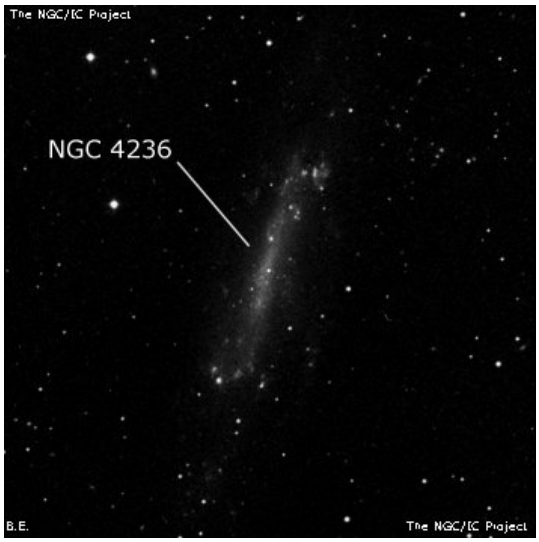
M	C2	**ID**	NGC40
Constellation	Cep	**Type**	Pl
Magnitude	11	**Size**	0.6 x 0.6
RA	00h 13m	**Dec**	+72d 31m
Name	Bowtie Nebula/Scarab Nebula		
Description	F, vS, R, vsmbM, *12 sp		





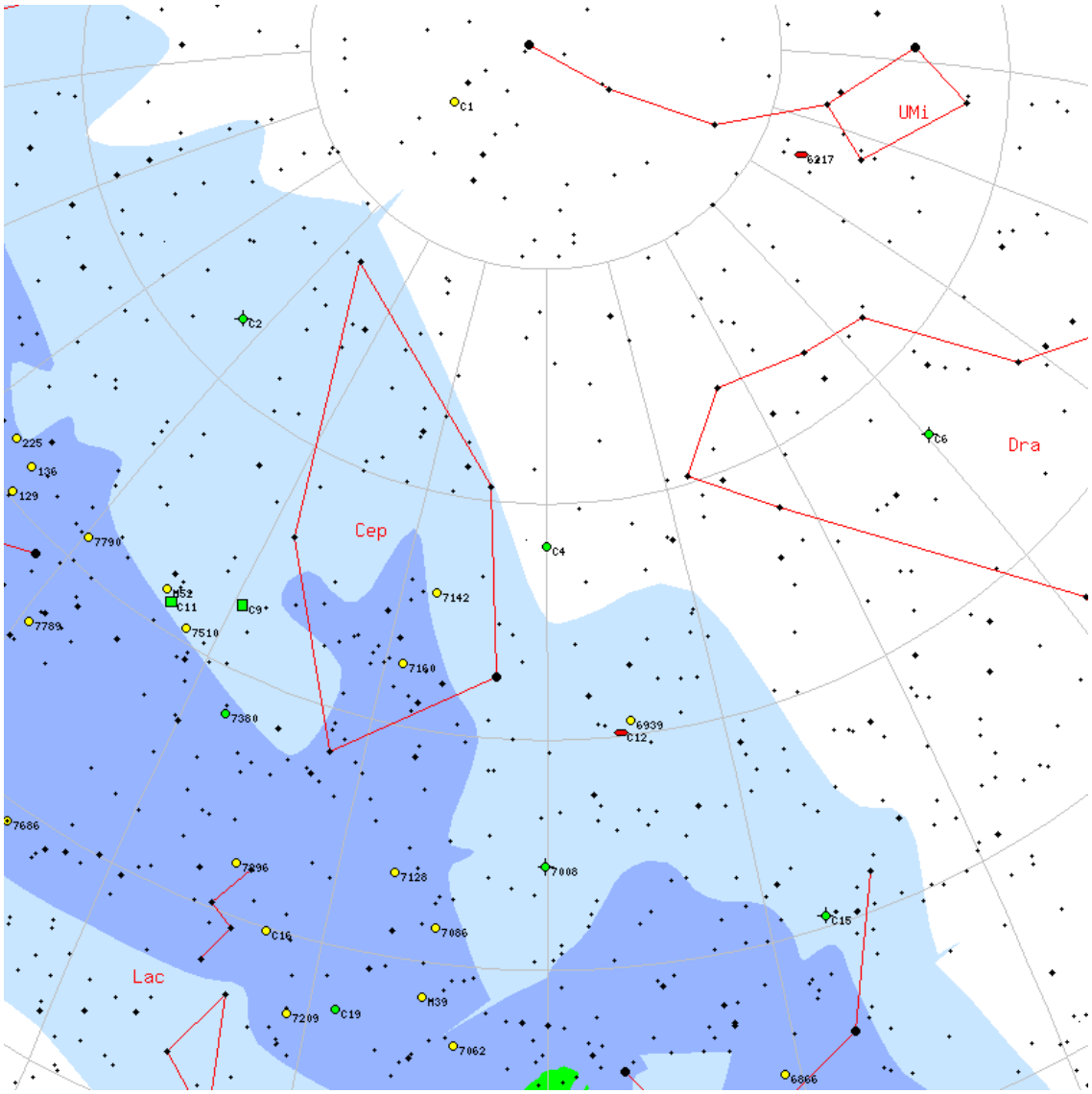
M	C3	**ID**	NGC4236
Constellation	Dra	**Type**	Gx
Magnitude	9.7	**Size**	10.9 x 3.6
RA	12h 16m	**Dec**	+69d 28m
Name			
Description	vF, eL, mE 160deg +/- , vgbM		



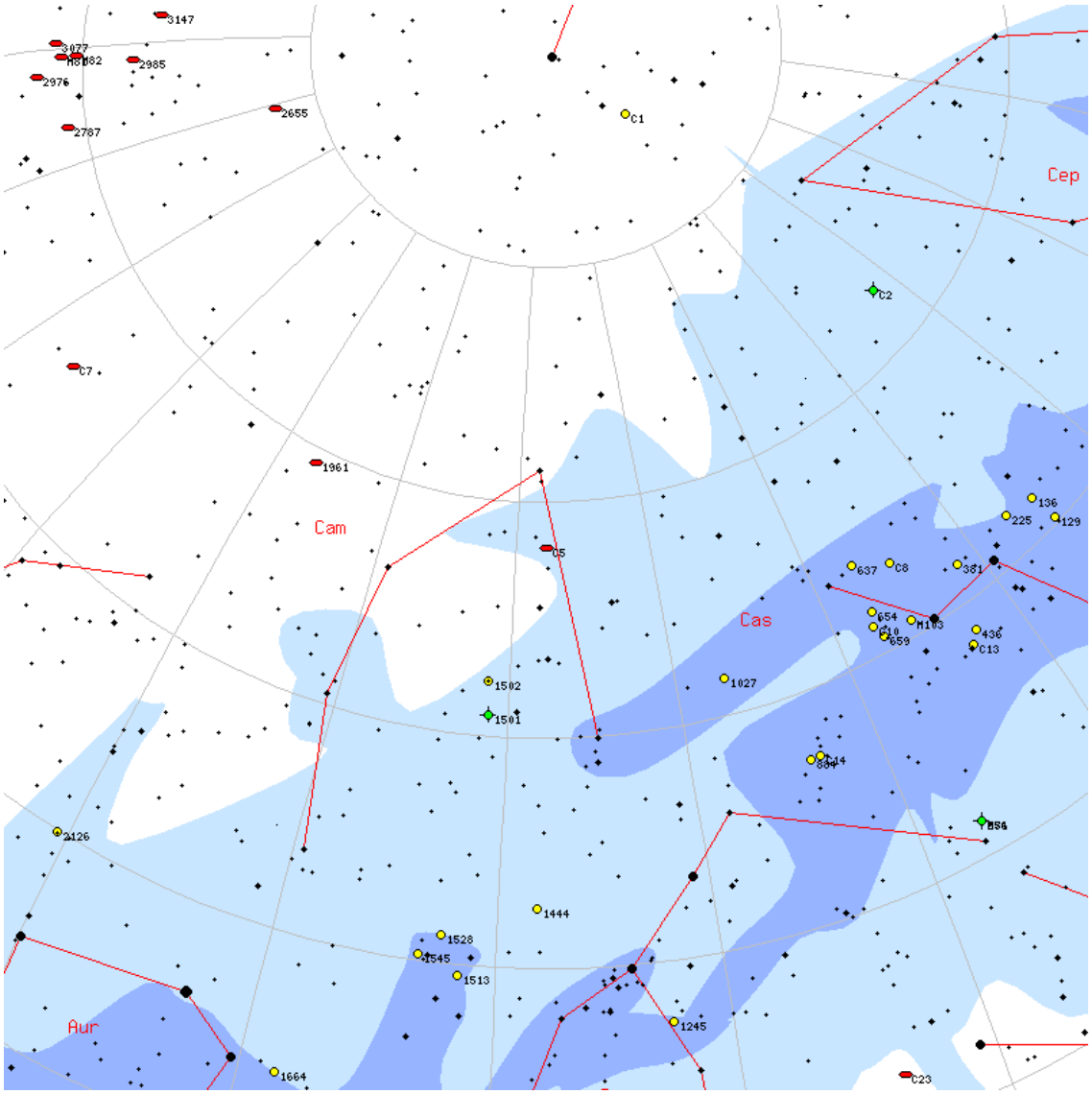


C4

M	C4	**ID**	NGC7023
Constellation	Cep	**Type**	CN
Magnitude	7	**Size**	18 x 18
RA	21h 00m	**Dec**	+68d 10m
Name			
Description	*7 in eF, eL, neby		

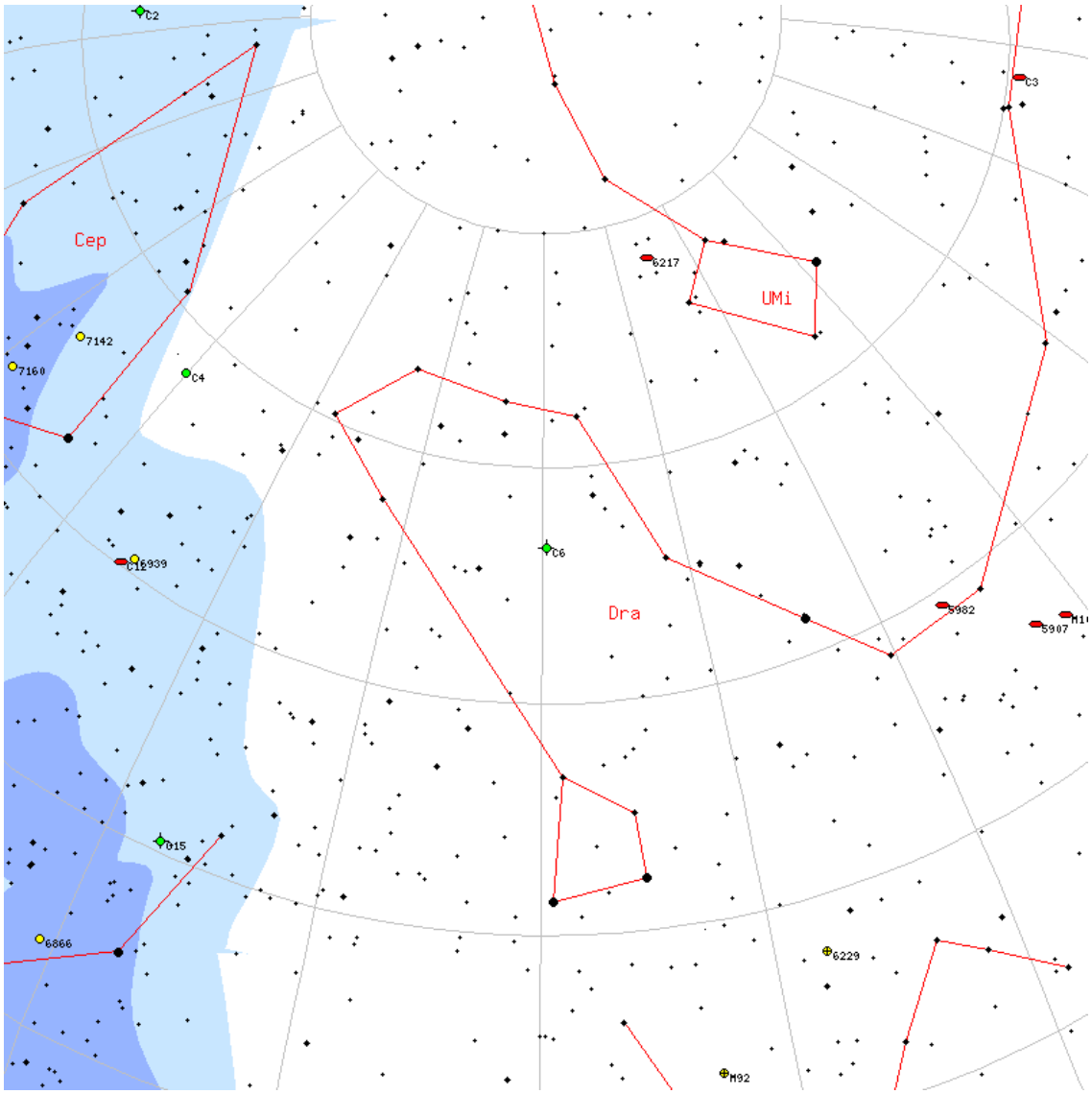


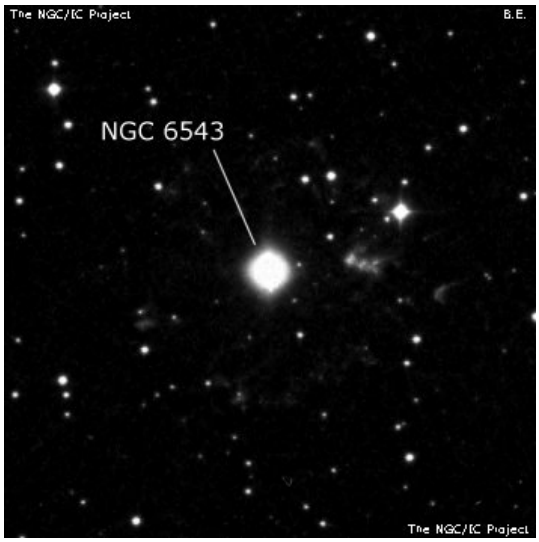
M	C5	**ID**	IC342
Constellation	Cam	**Type**	Gx
Magnitude	9	**Size**	17.8 x 17.8
RA	03h 46m	**Dec**	+68d 05m
Name			
Description	pB, vS, *12 close n		



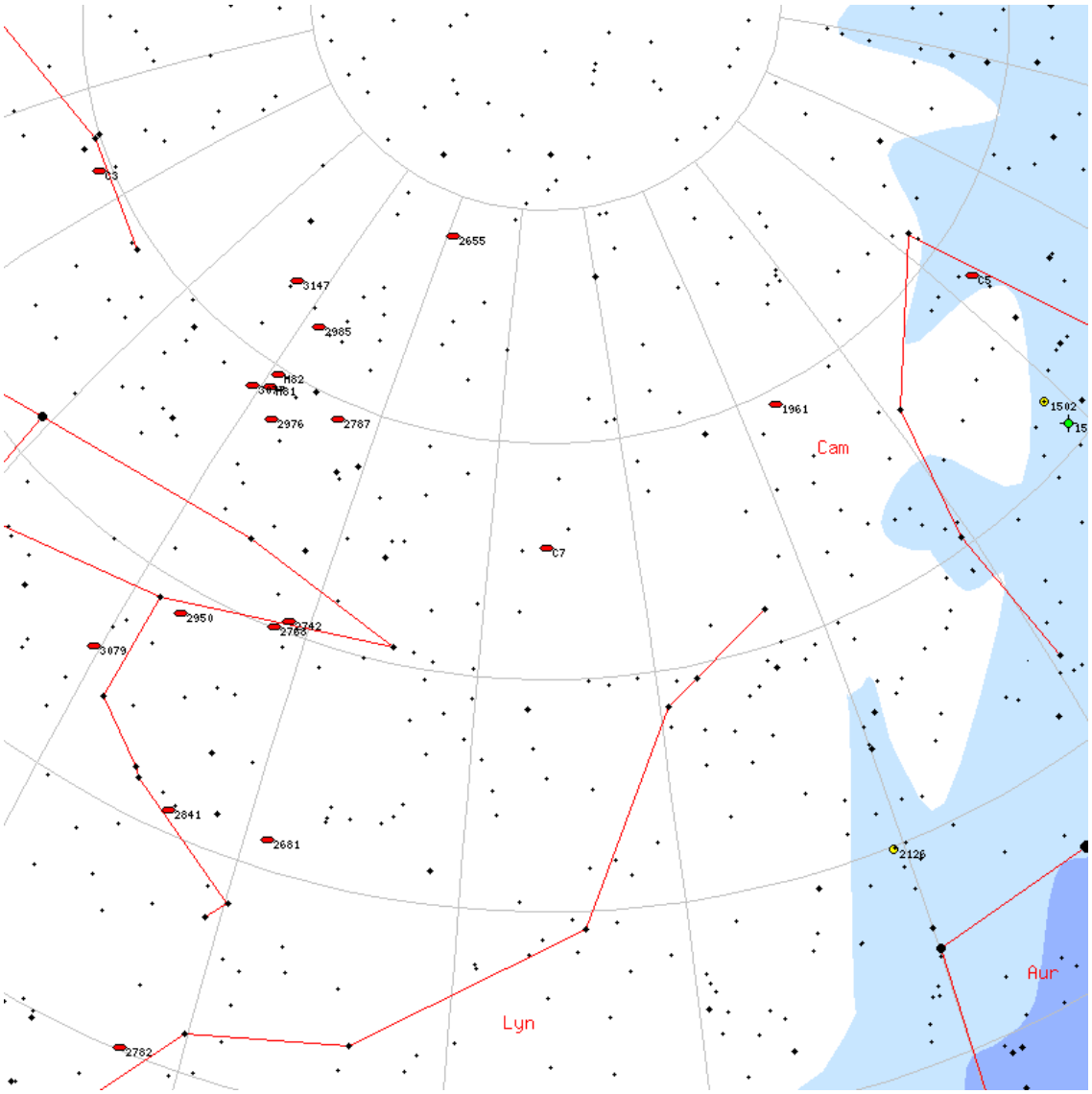
C6

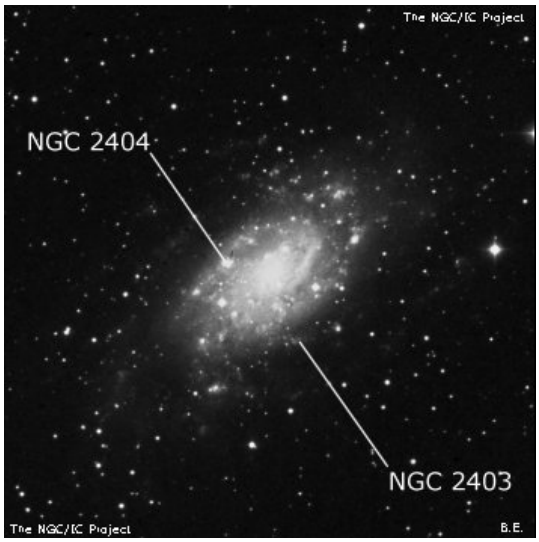
M	C6	**ID**	NGC6543
Constellation	Dra	**Type**	Pl
Magnitude	9	**Size**	5.8 x 5.8
RA	17h 58m	**Dec**	+66d 37m
Name	Cat's Eye Nebula		
Description	PN , vB, pS, sbMvSN		





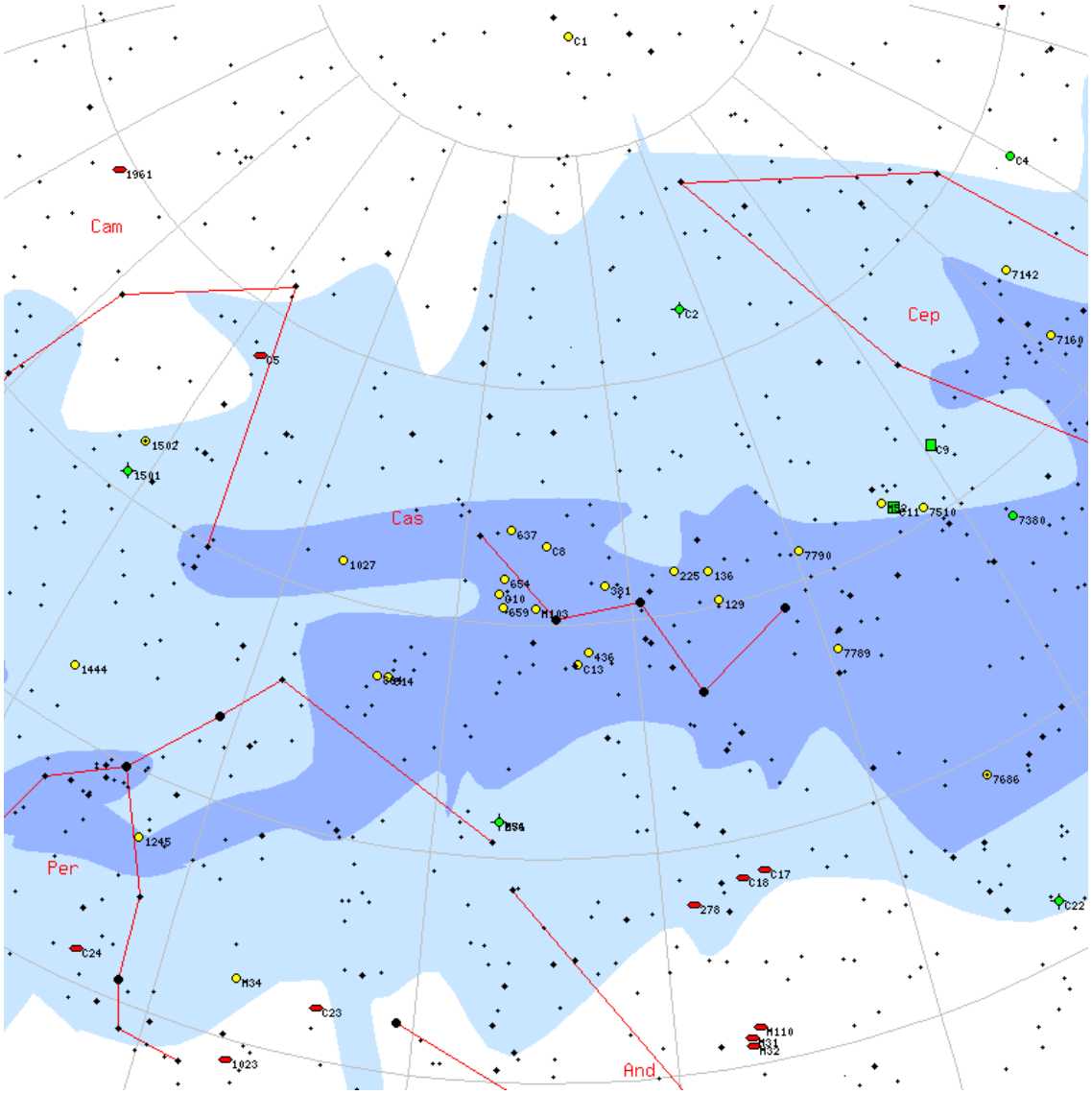
M	C7	**ID**	NGC2403
Constellation	Cam	**Type**	Gx
Magnitude	8.4	**Size**	10.9 x 6.2
RA	07h 36m	**Dec**	+65d 35m
Name			
Description	!! cB, eL, vmE, vgmbMN		

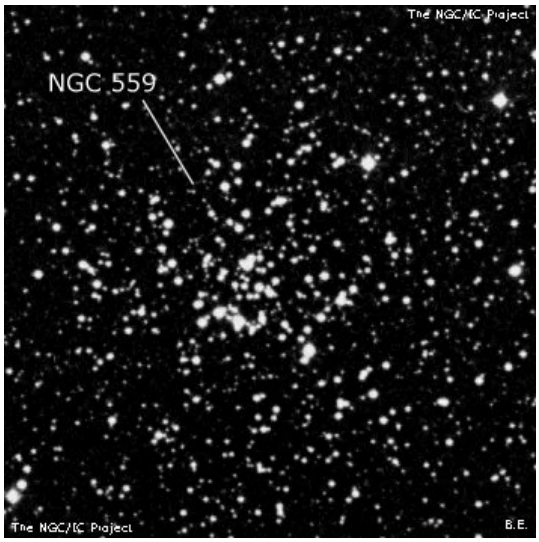




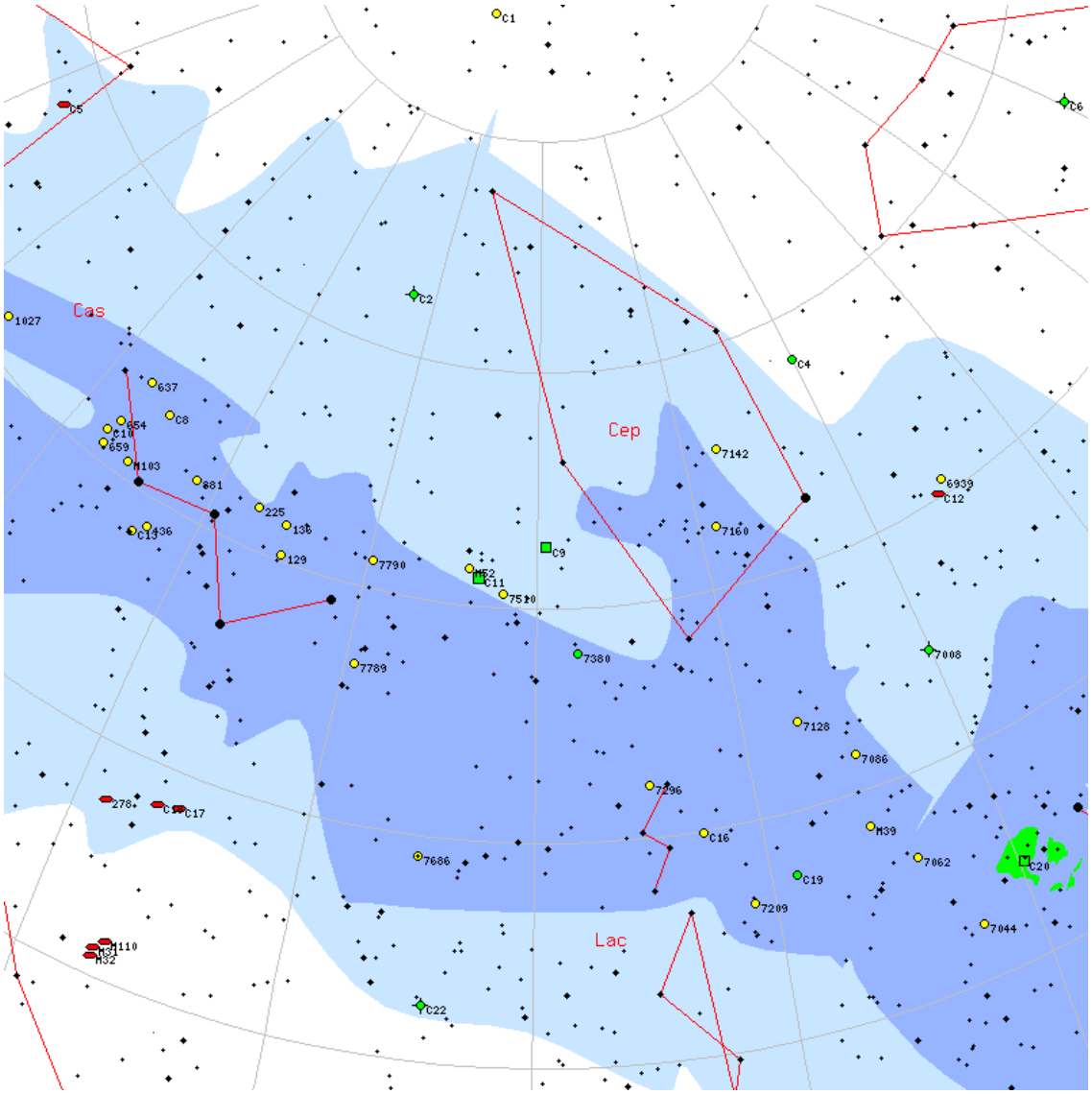
C8

M	C8	**ID**	NGC559
Constellation	Cas	**Type**	OC
Magnitude	9.5	**Size**	4 x 4
RA	01h 29m	**Dec**	+63d 17m
Name	Ghost's Goblet		
Description	Cl, B, pL, pRi		



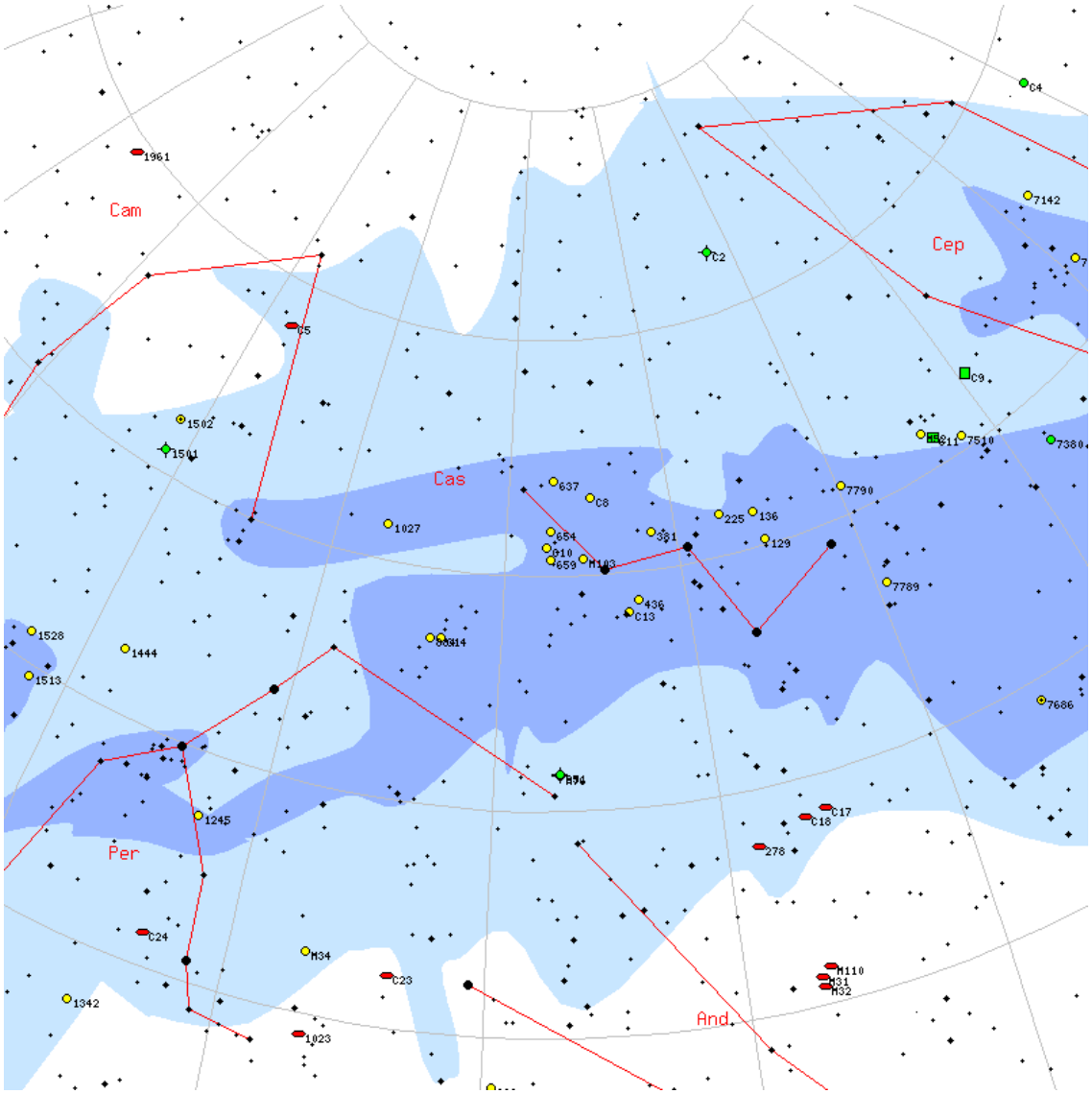


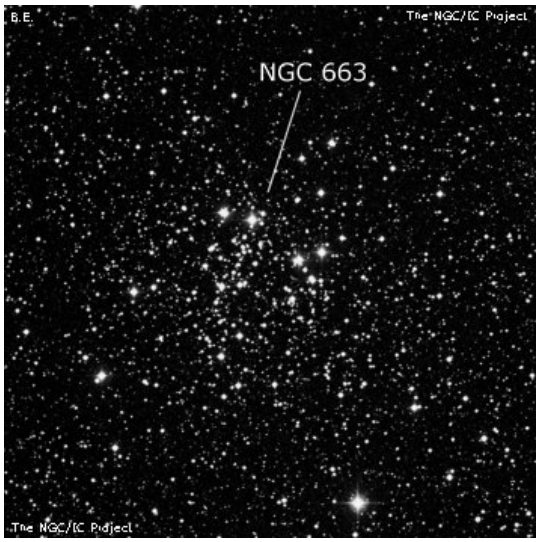
M	C9	**ID**	-
Constellation	Cep	**Type**	Nb
Magnitude		**Size**	60 x 60
RA	22h 56m	**Dec**	+62d 37m
Name			
Description	Irregular, Intermediate, Medium brightness		



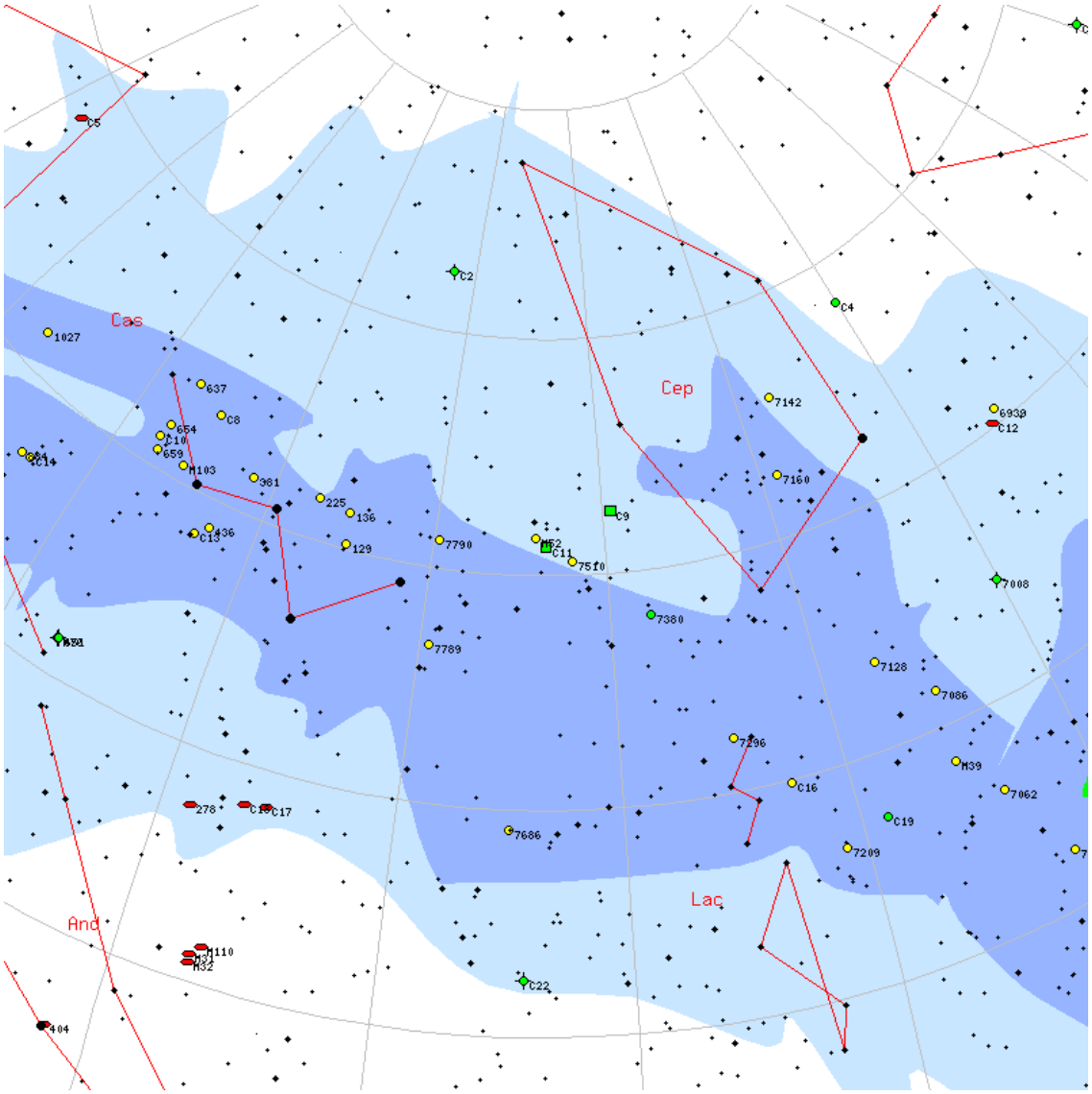
C10

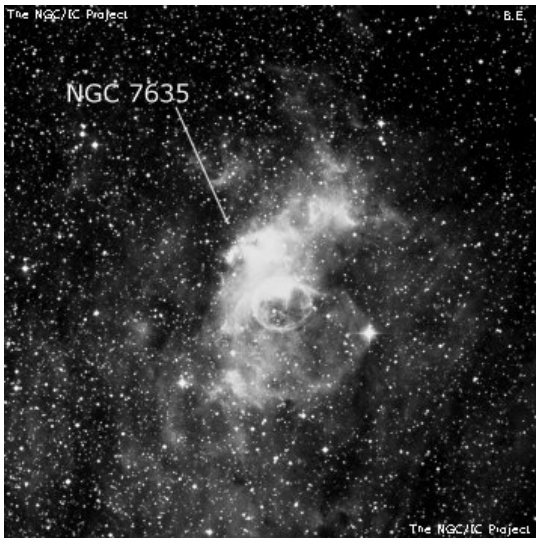
M	C10	**ID**	NGC663
Constellation	Cas	**Type**	OC
Magnitude	7.1	**Size**	16 x 16
RA	01h 46m	**Dec**	+61d 15m
Name	Horseshoe Cluster		
Description	Cl, B, L, eRi, st pL		





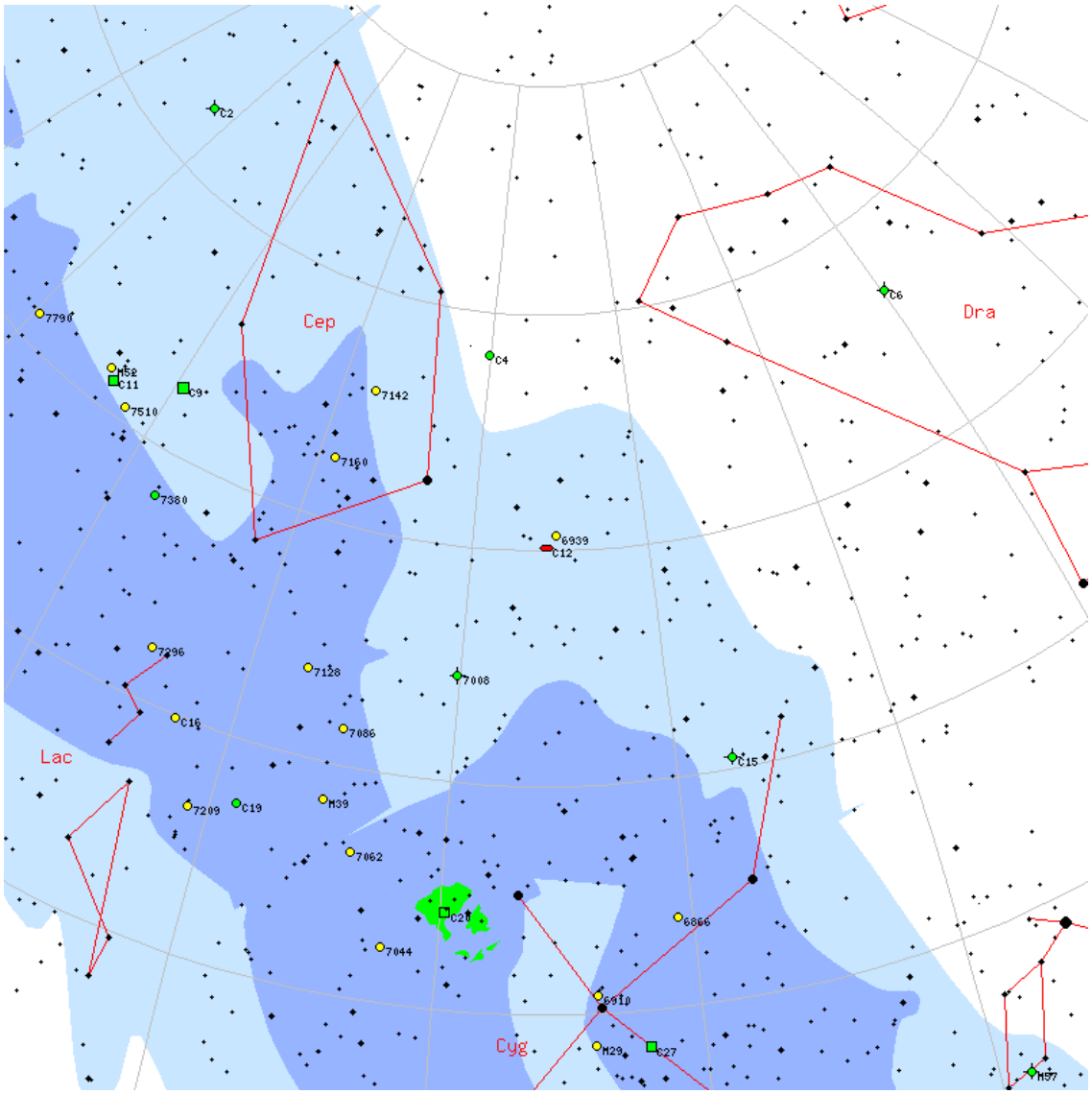
M	C11	**ID**	NGC7635
Constellation	Cas	**Type**	Nb
Magnitude	-	**Size**	15 x 15
RA	23h 20m	**Dec**	+61d 12m
Name	Bubble nebula		
Description	vF, *8 inv l excentric		

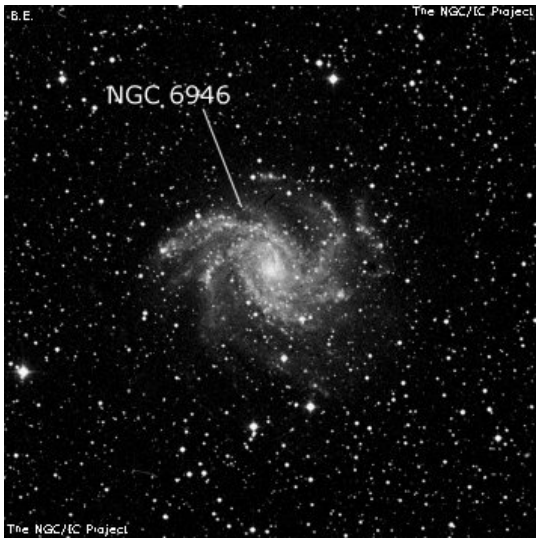




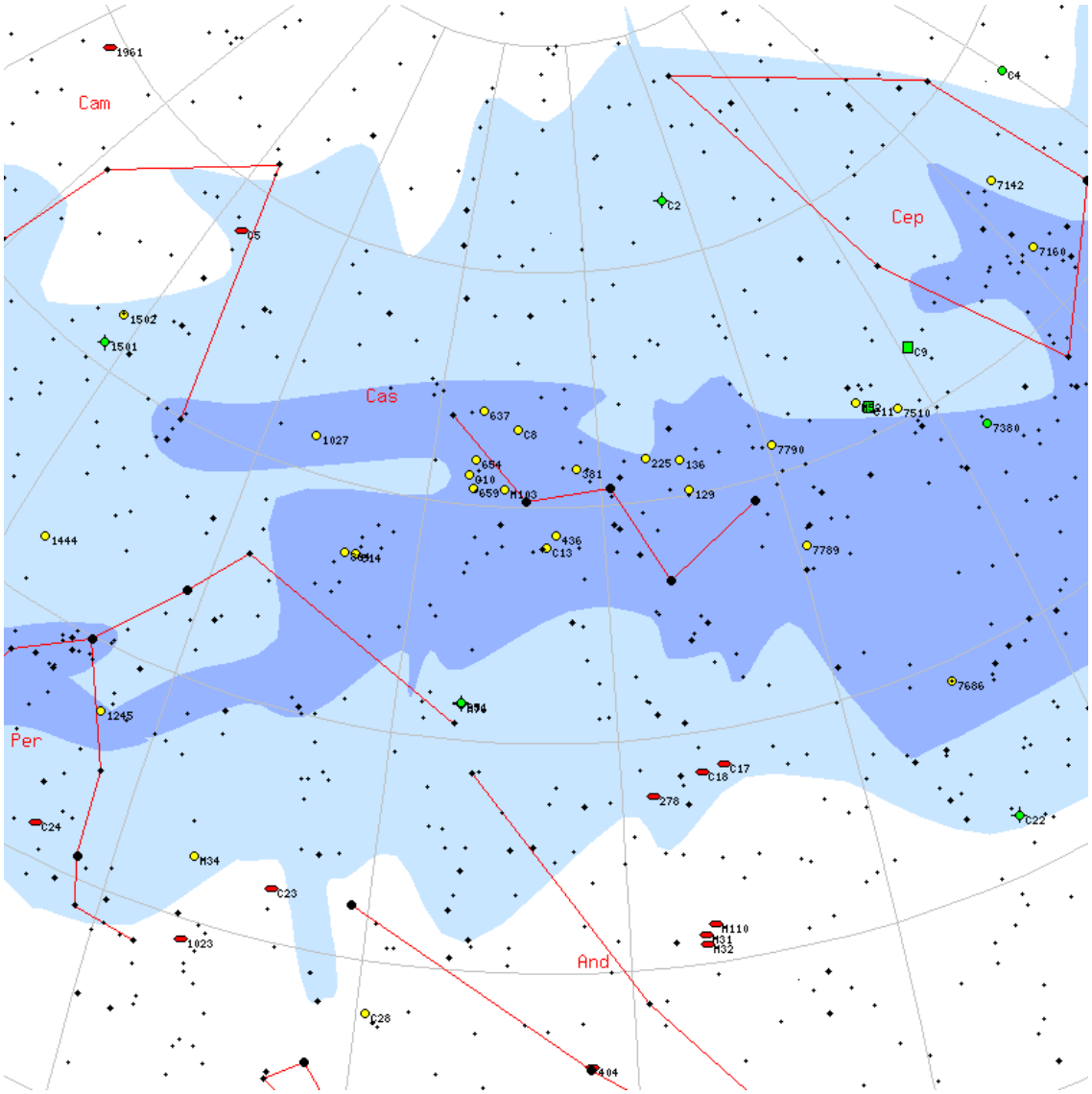
C12

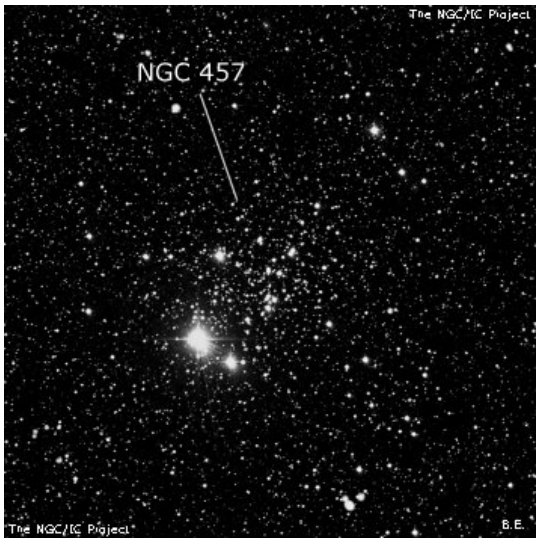
M	C12	**ID**	NGC6946
Constellation	Cep	**Type**	Gx
Magnitude	8.9	**Size**	11 x 11
RA	20h 34m	**Dec**	+60d 08m
Name			
Description	vF, vL, vg, vsbM, rr		





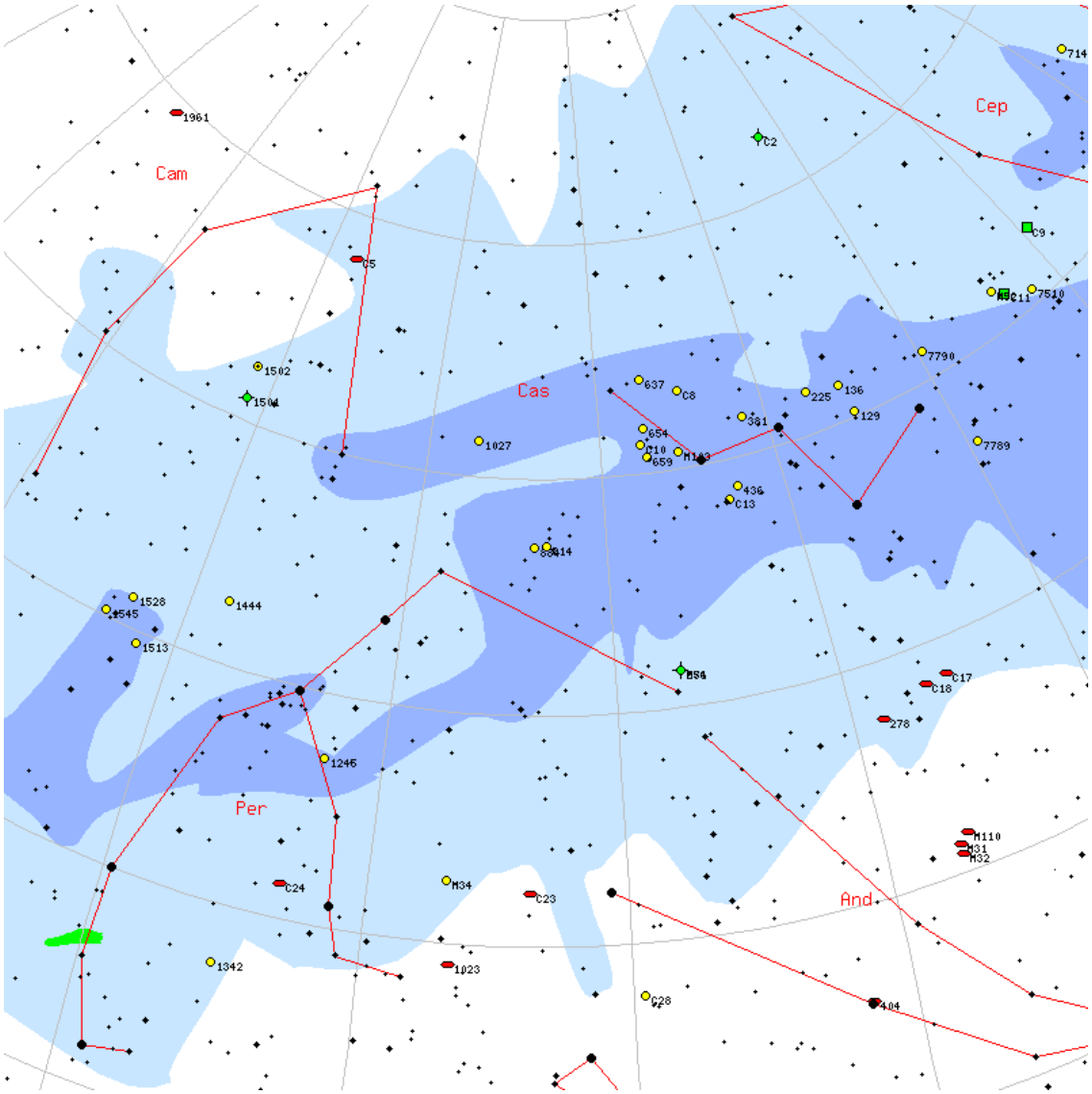
M	C13	**ID**	NGC457
Constellation	Cas	**Type**	OC
Magnitude	6.4	**Size**	13 x 13
RA	01h 19m	**Dec**	+58d 19m
Name	E.T. Cluster		
Description	Cl, B, L, pRi, st 7, 8, 10		



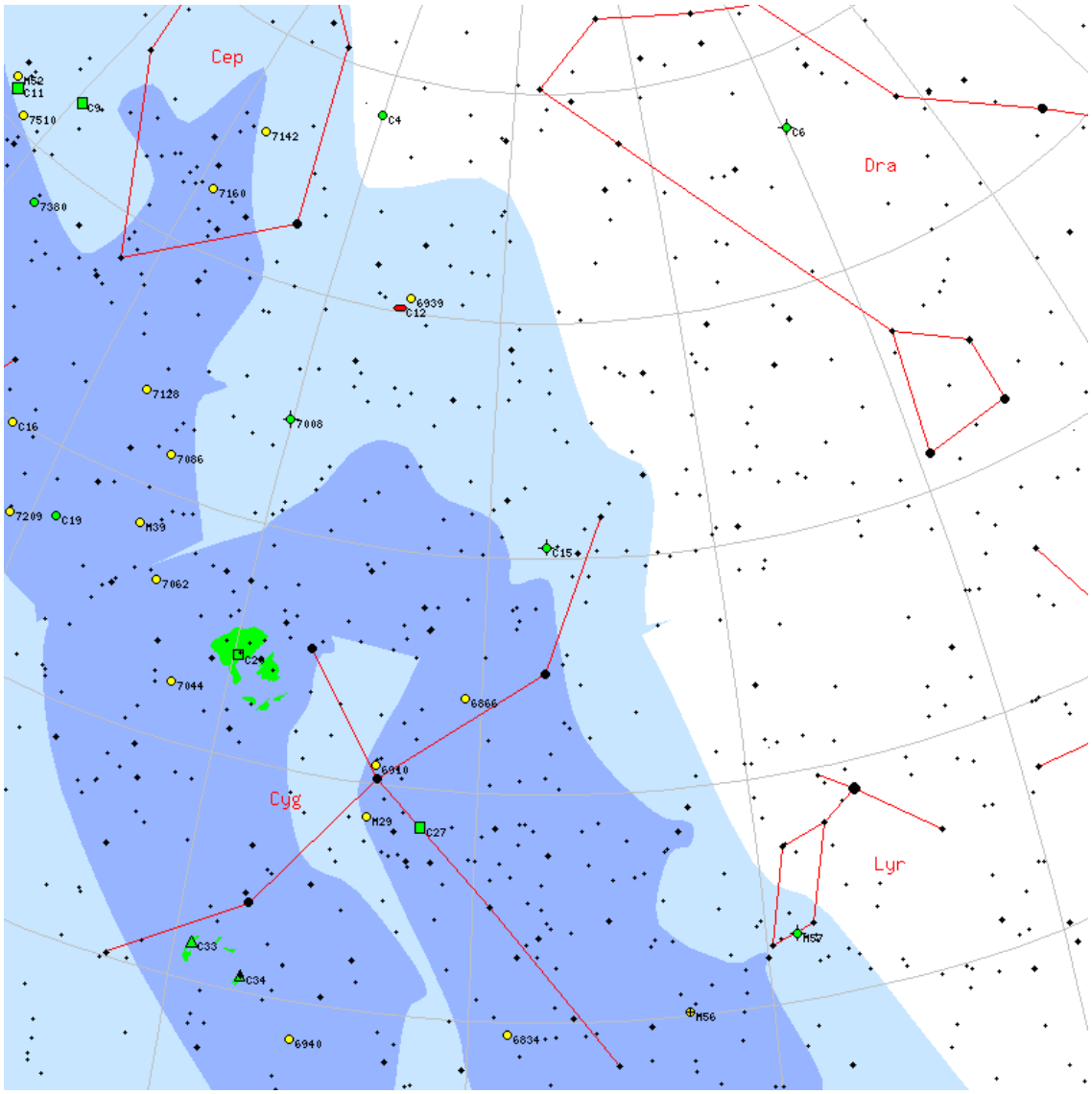


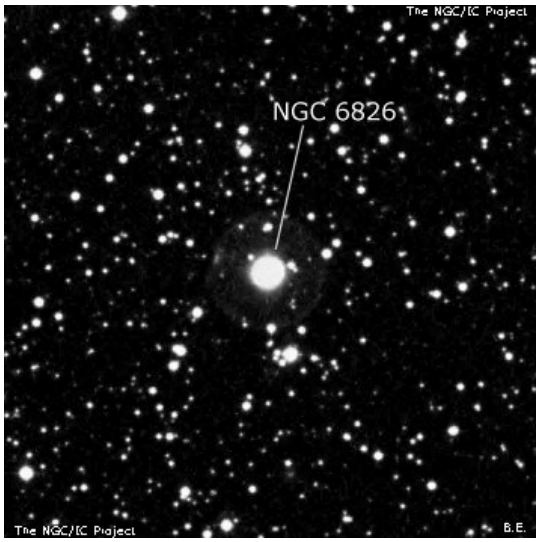
C14

M	C14	**ID**	NGC869
Constellation	Per	**Type**	OC
Magnitude	4	**Size**	30 x 30
RA	02h 19m	**Dec**	+57d 08m
Name	Double Cluster, H Persei		
Description	! Cl, vvL, vRi, st 7...14		



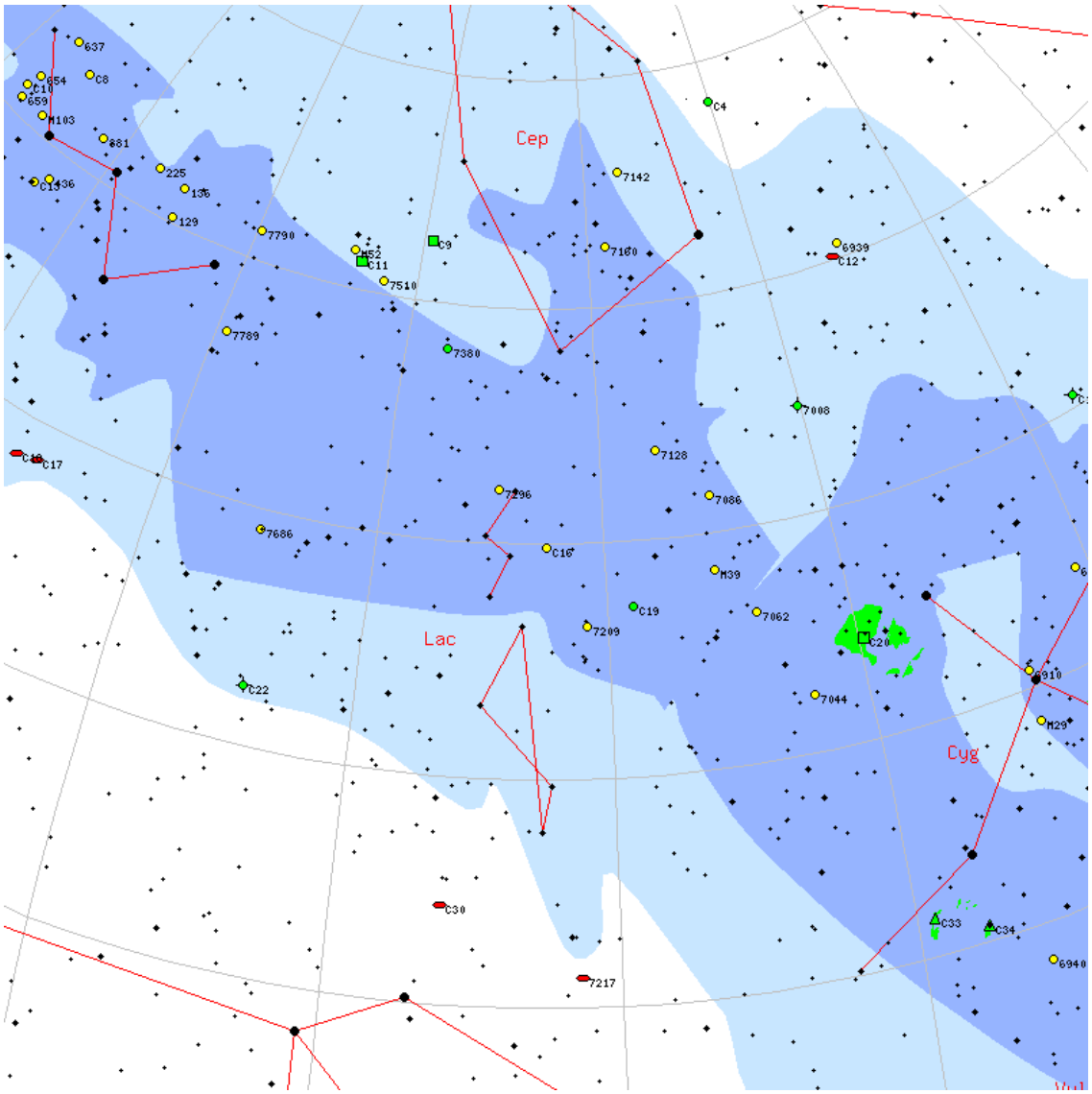
M	C15	**ID**	NGC6826
Constellation	Cyg	**Type**	Pl
Magnitude	10	**Size**	2.3 x 2.3
RA	19h 44m	**Dec**	+50d 31m
Name	Blinking Planetary		
Description	PN , B, pL, R, *11 M		

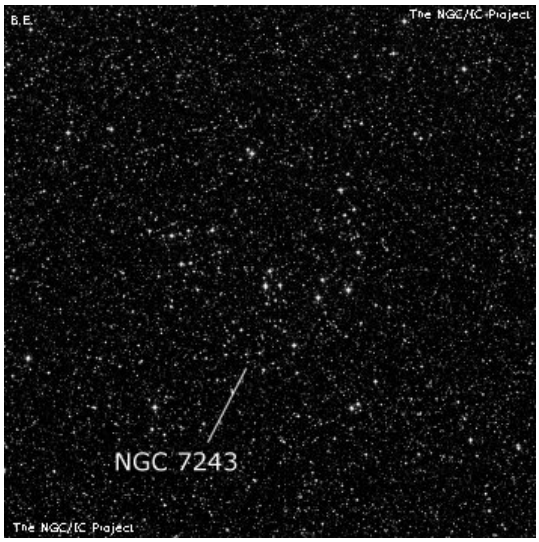




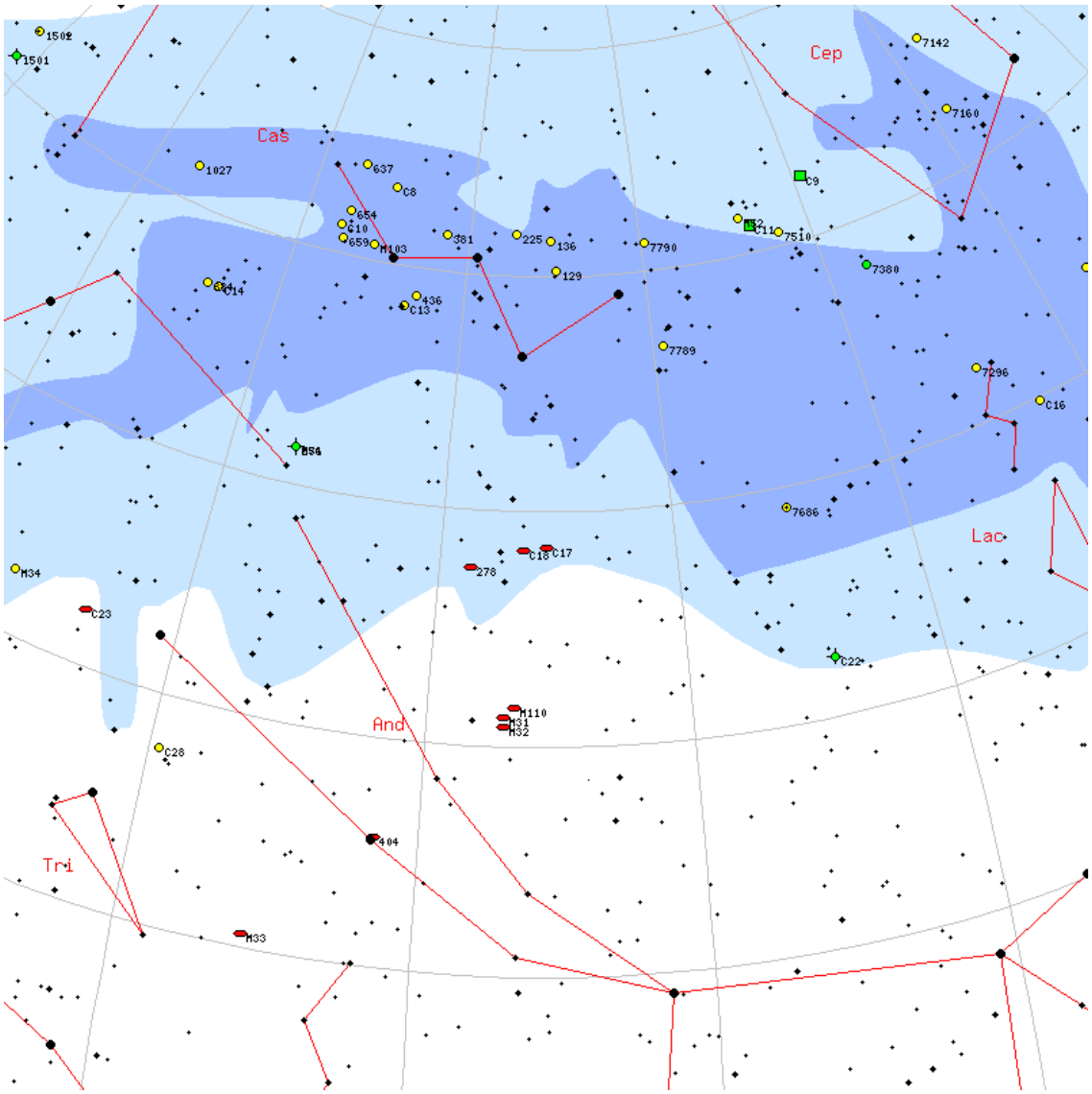
C16

M	C16	**ID**	NGC7243
Constellation	Lac	**Type**	OC
Magnitude	6.4	**Size**	21 x 21
RA	22h 15m	**Dec**	+49d 52m
Name			
Description	Cl, L, P, IC, st vL		



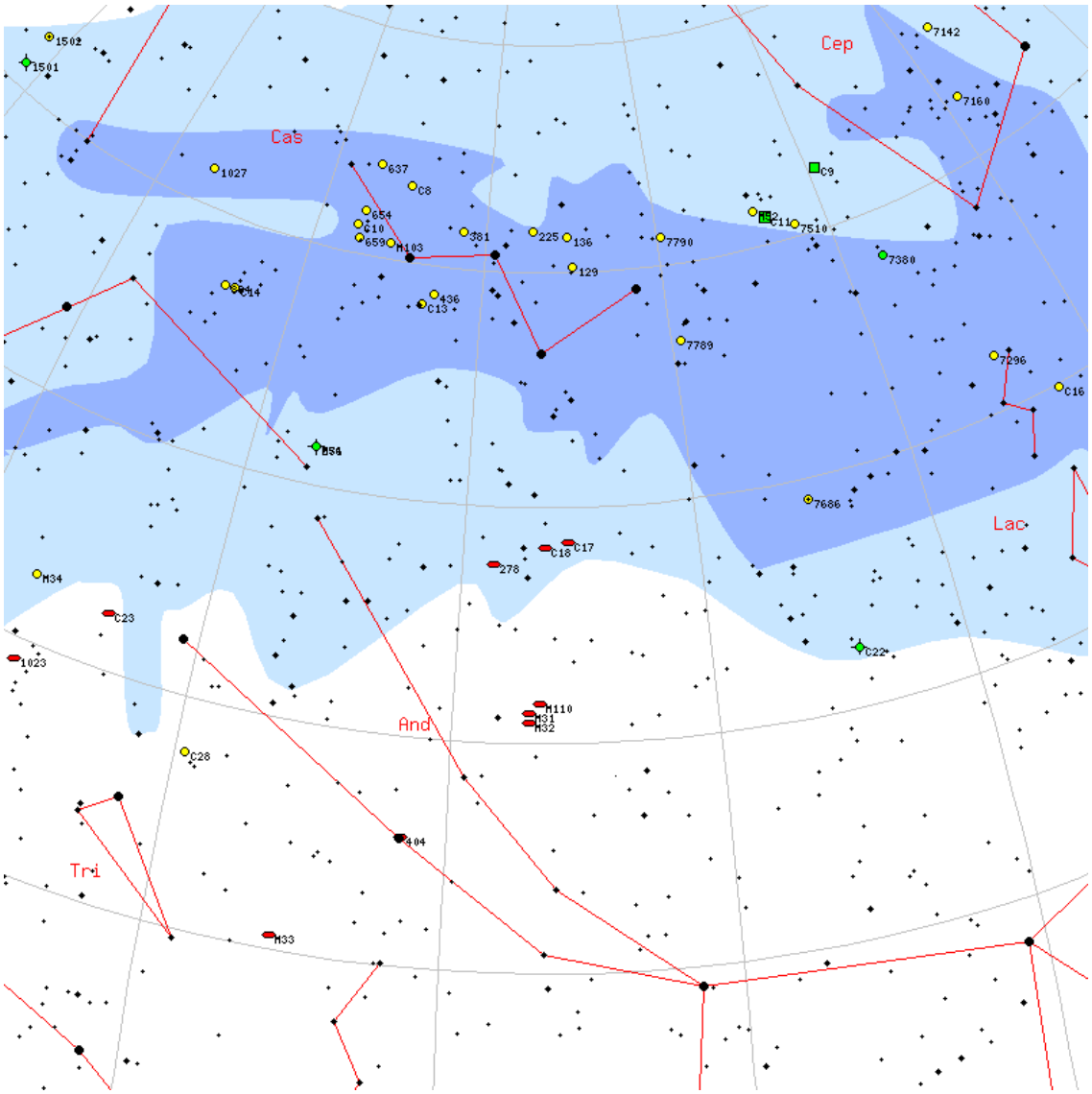


M	C17	**ID**	NGC147
Constellation	Cas	**Type**	Gx
Magnitude	9.3	**Size**	6.6 x 3.9
RA	00h 33m	**Dec**	+48d 30m
Name			
Description	vF, vL, iR, gsmbM *11		

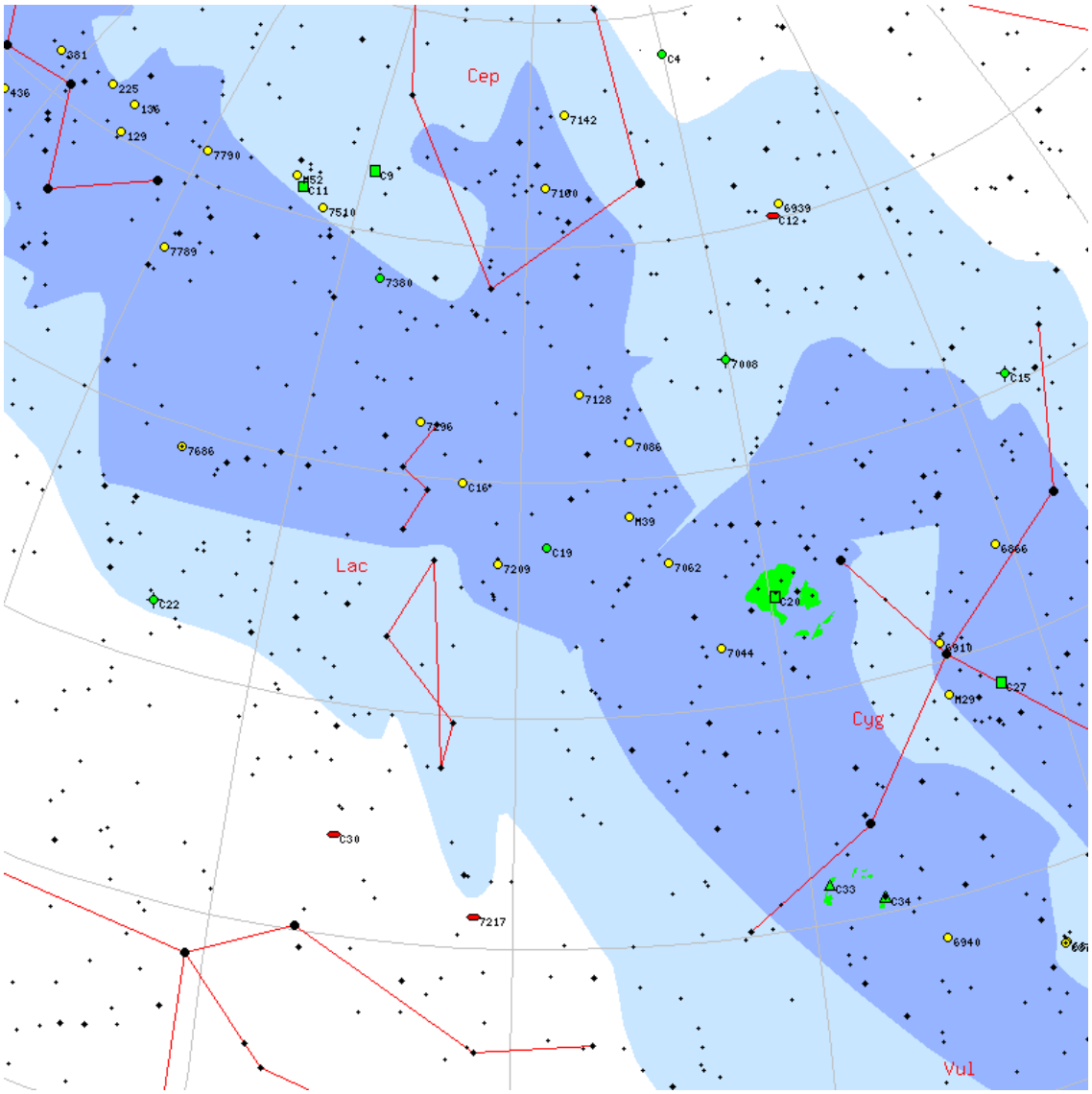


C18

M	C18	**ID**	NGC185
Constellation	Cas	**Type**	Gx
Magnitude	9.2	**Size**	5.9 x 5
RA	00h 39m	**Dec**	+48d 19m
Name			
Description	pB, vL, iR, vgmbM, r		

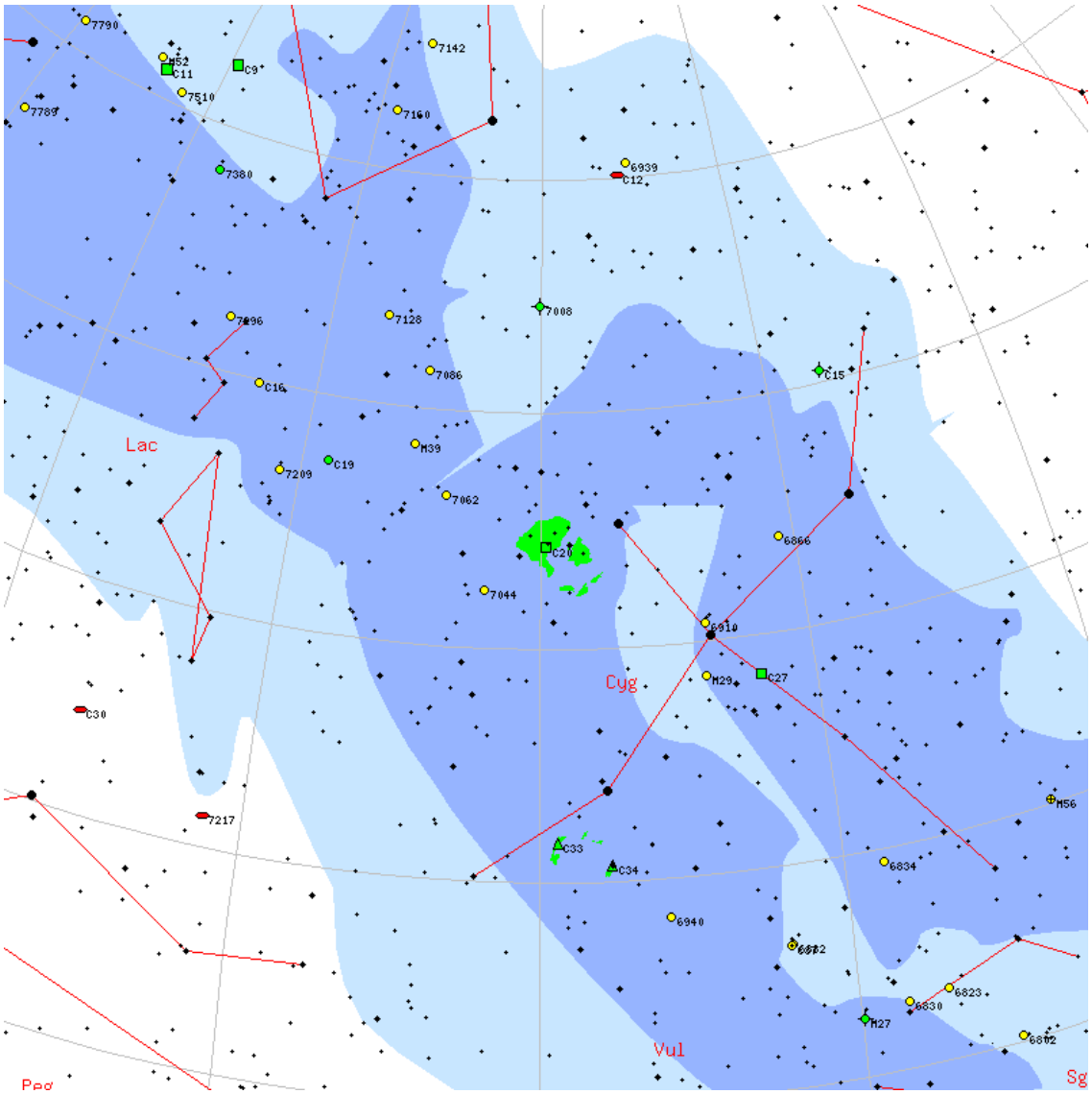


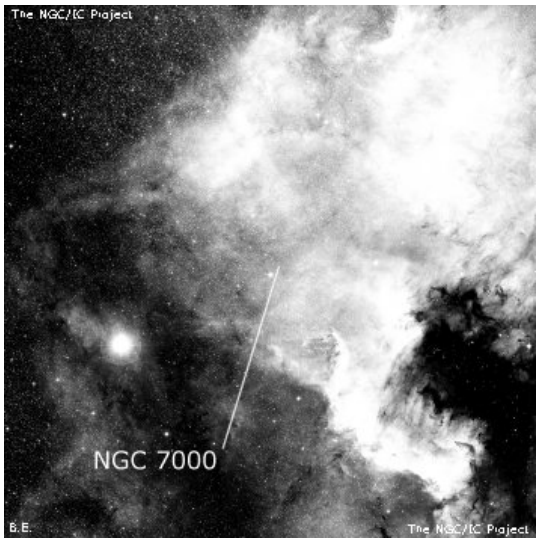
M	C19	**ID**	IC5146
Constellation	Cyg	**Type**	CN
Magnitude	7.2	**Size**	12 x 12
RA	21h 53m	**Dec**	+47d 16m
Name	Cocoon Nebula		
Description	pB, vL, iF, *9.5 in M		



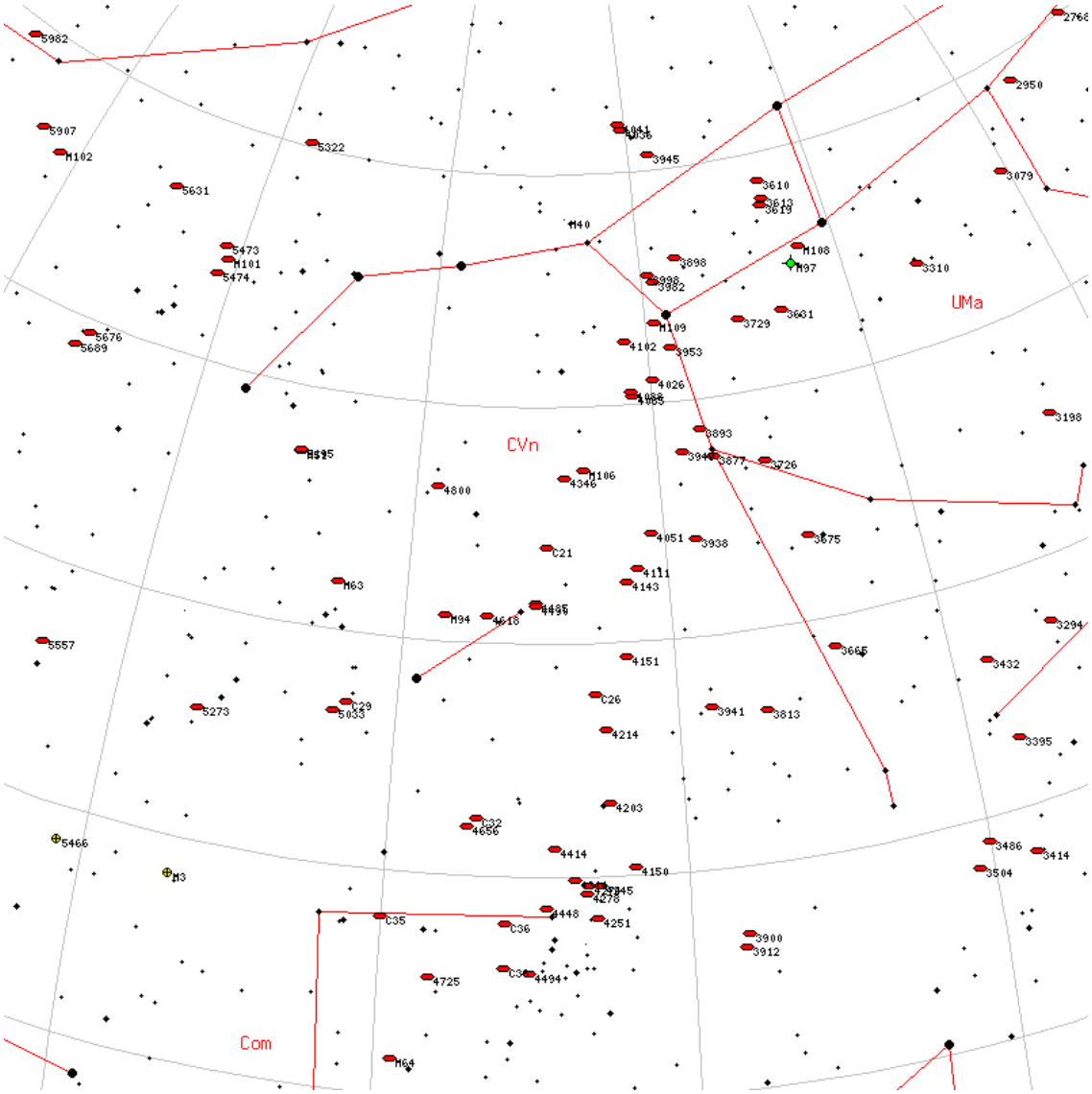
C20

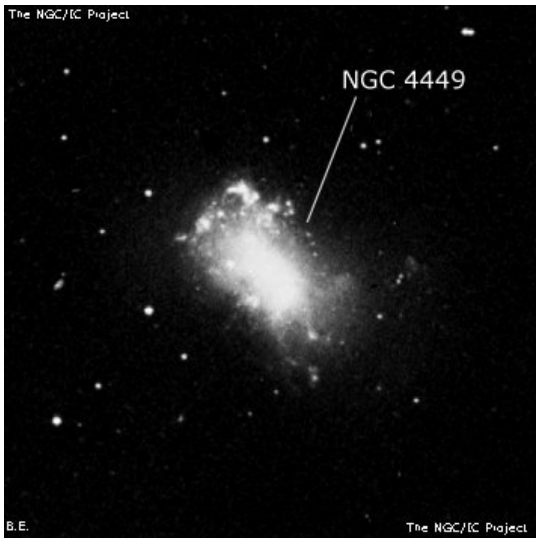
M	C20	**ID**	NGC7000
Constellation	Cyg	**Type**	Nb
Magnitude	-	**Size**	120 x 120
RA	20h 58m	**Dec**	+44d 19m
Name	North America Nebula		
Description	F, eeL, dif nebulosity		





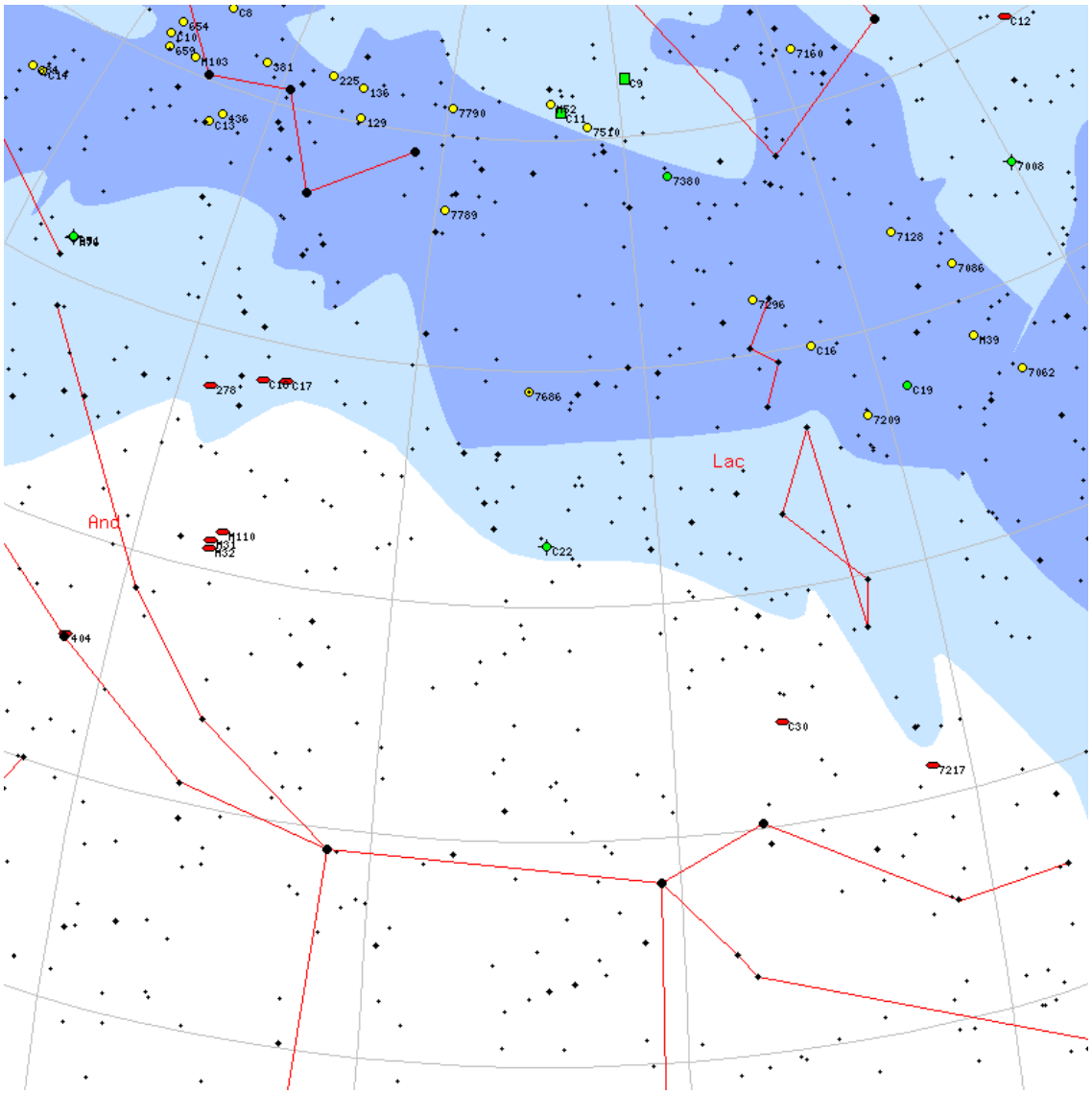
M	C21	**ID**	NGC4449
Constellation	CVn	**Type**	Gx
Magnitude	9.4	**Size**	3.1 x 2.2
RA	12h 28m	**Dec**	+44d 06m
Name	Box Galaxy		
Description	vB, cL, mE, D or bifid, rrr, *9 f 5'		



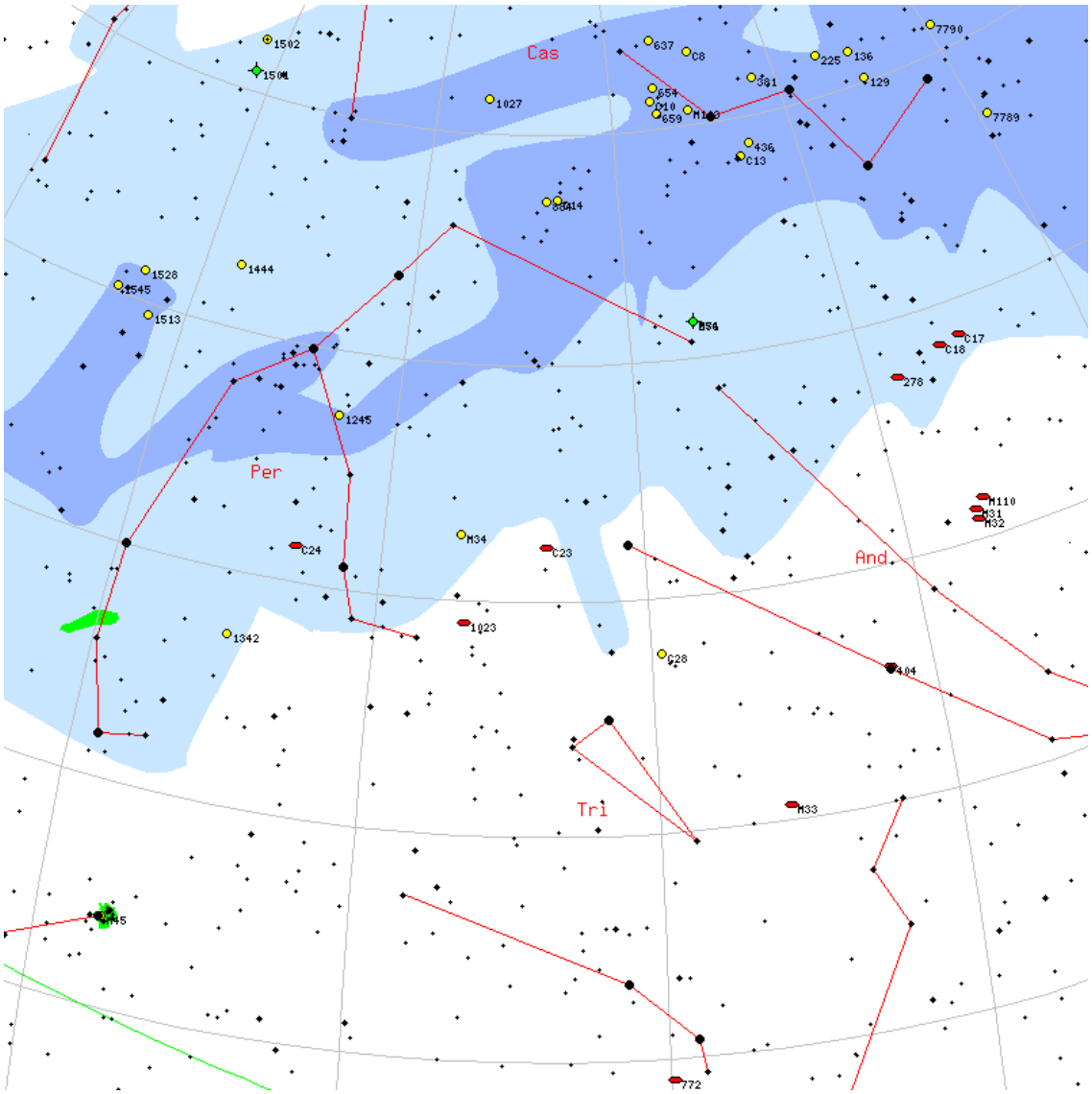


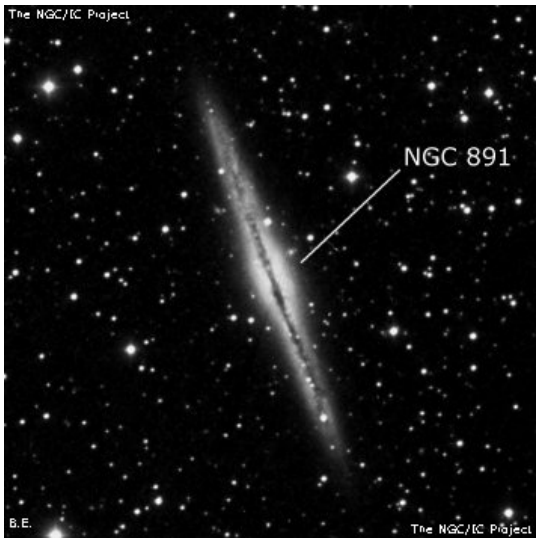
C22

M	C22	**ID**	NGC7662
Constellation	And	**Type**	Pl
Magnitude	9	**Size**	2.2 x 2.2
RA	23h 25m	**Dec**	+42d 32m
Name	Blue Snowball/Little Blue Snowball		
Description	!!! PN or ring , vB, pS, R, blue, variable Nucl		



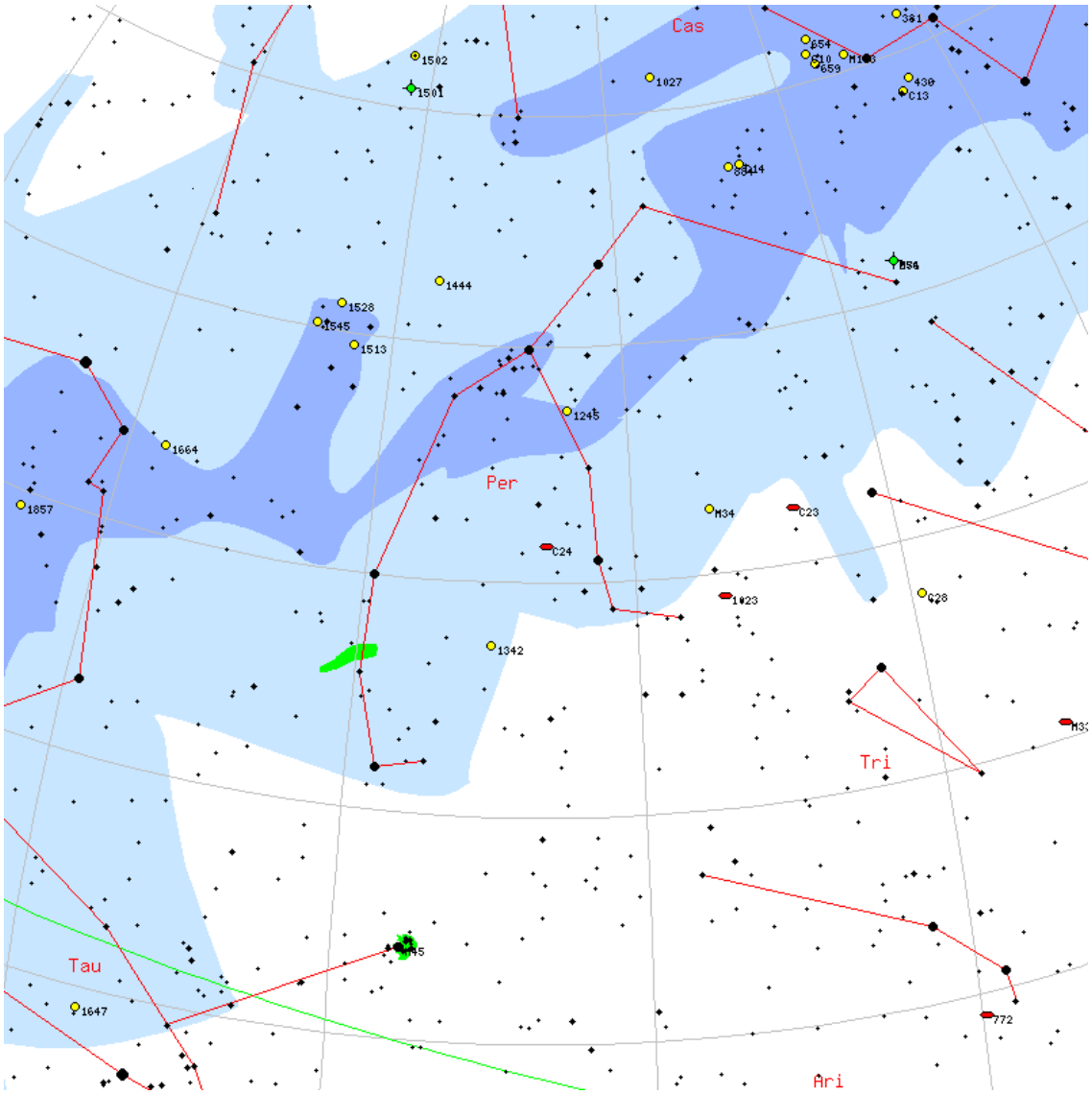
M	C23	**ID**	NGC891
Constellation	And	**Type**	Gx
Magnitude	10	**Size**	6.7 x 1.3
RA	02h 22m	**Dec**	+42d 21m
Name	Outer Limits Galaxy		
Description	! B, vL, vmE 22deg		

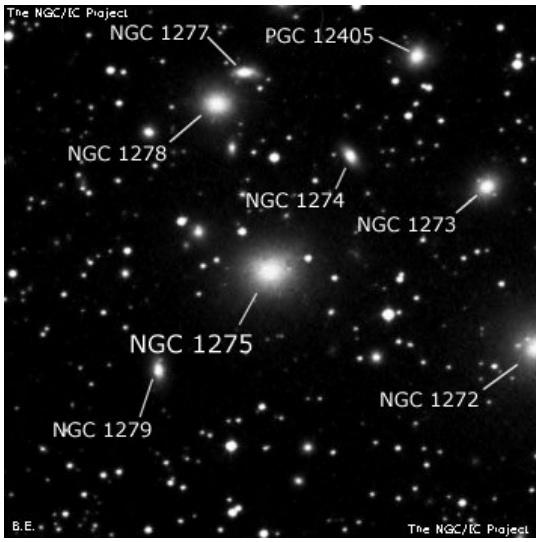




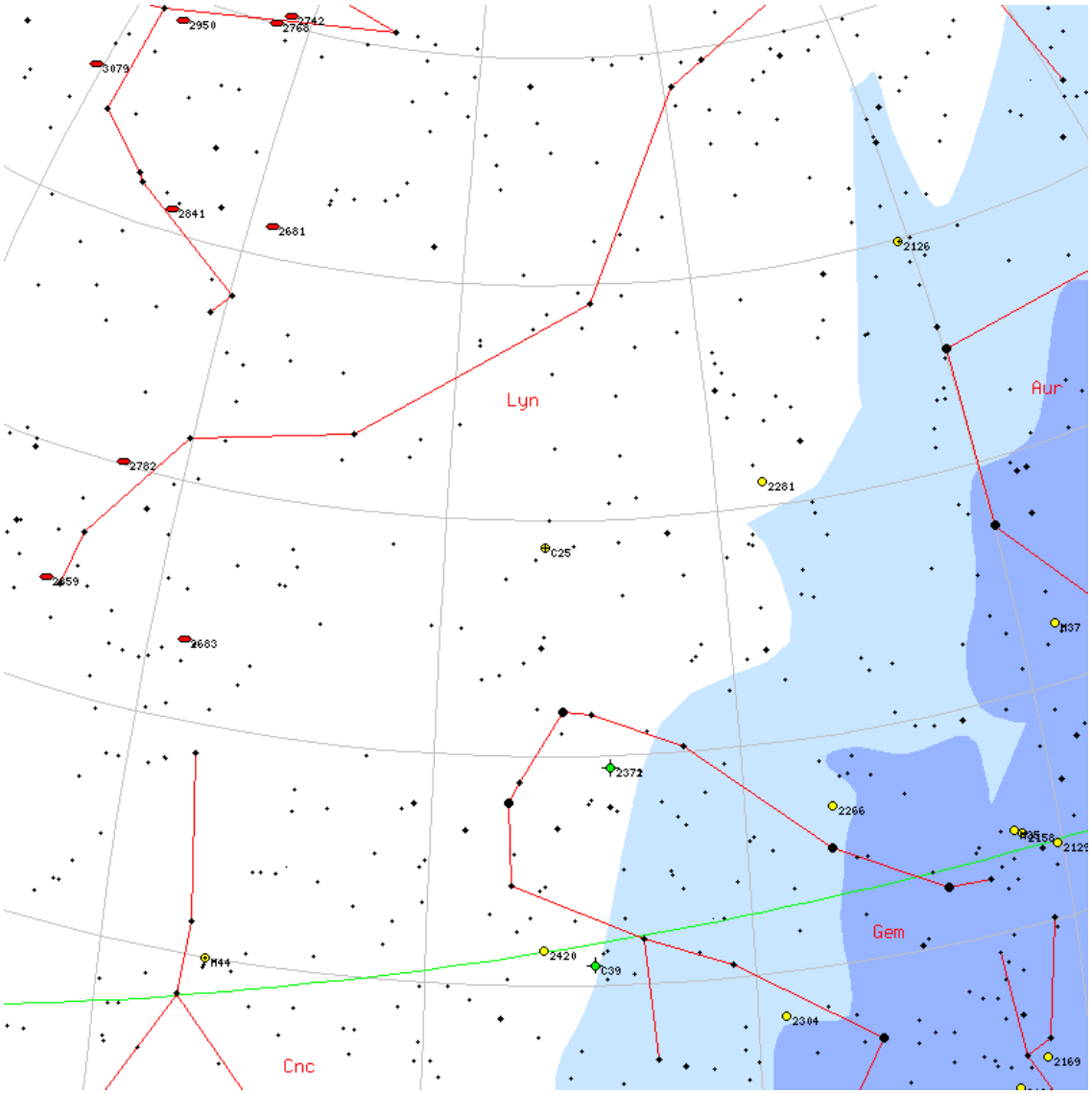
C24

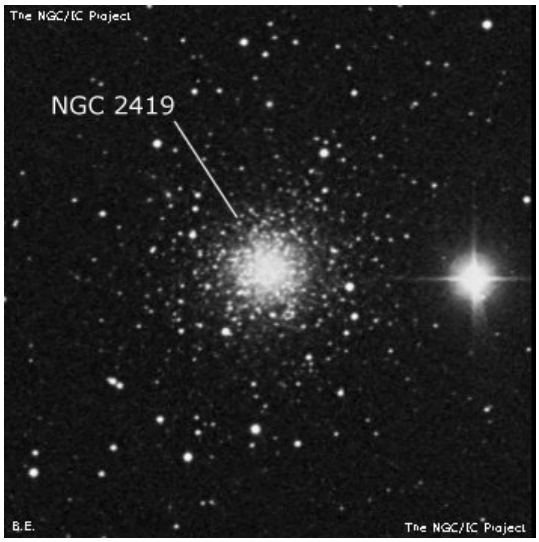
M	C24	**ID**	NGC1275
Constellation	Per	**Type**	Gx
Magnitude	11.6	**Size**	1.1 x 0.8
RA	03h 19m	**Dec**	+41d 31m
Name	Perseus A Galaxy		
Description	F, S		





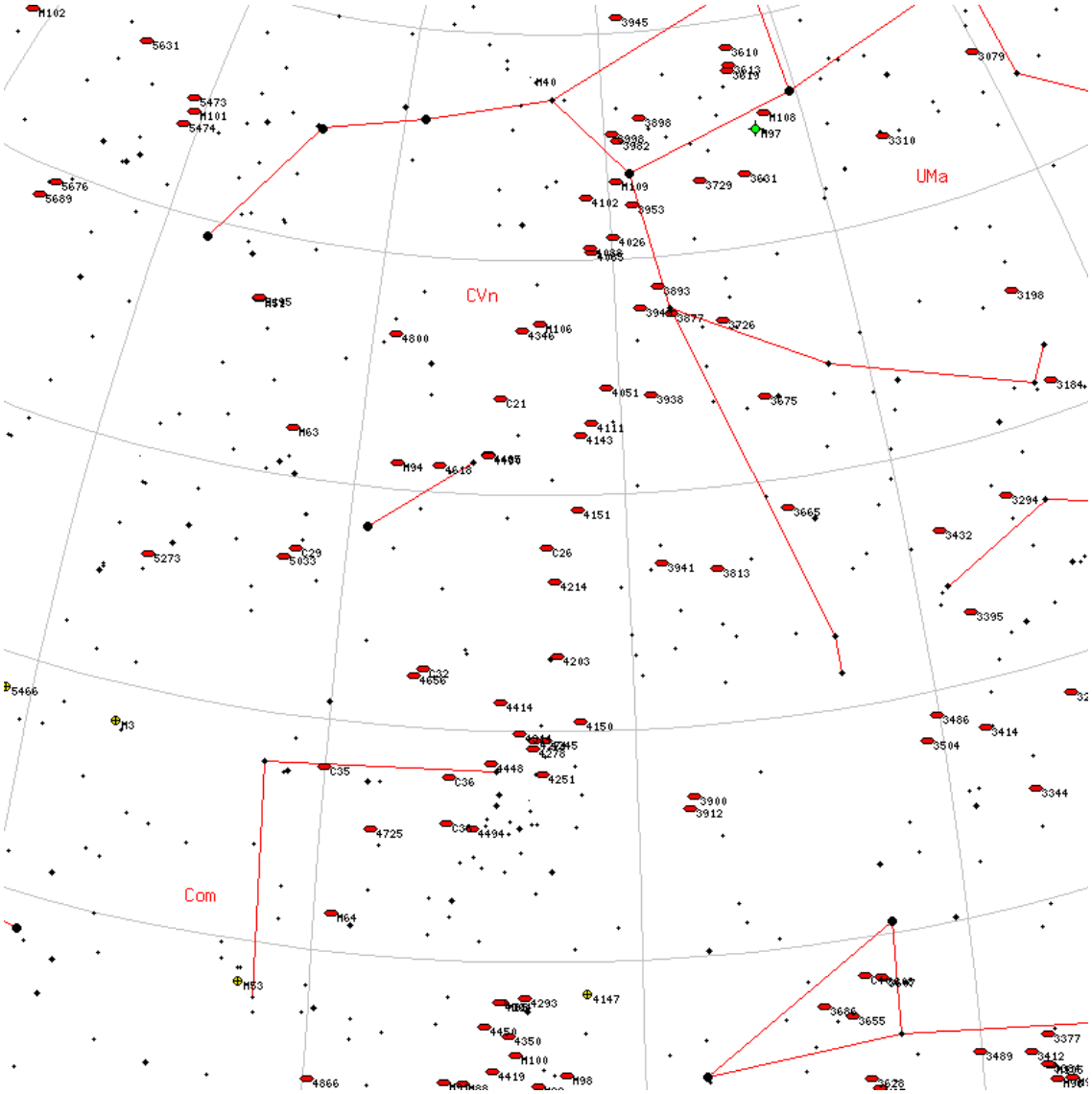
M	C25	**ID**	NGC2419
Constellation	Lyn	**Type**	Gb
Magnitude	10.4	**Size**	4.1 x 4.1
RA	07h 38m	**Dec**	+38d 52m
Name	Intergalactic Tramp		
Description	pB, pL, IE 90deg , vgbM, *7-8 267deg , 4' dist		

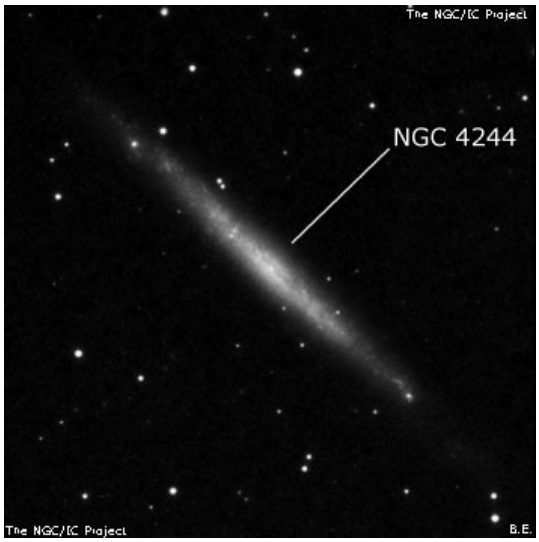




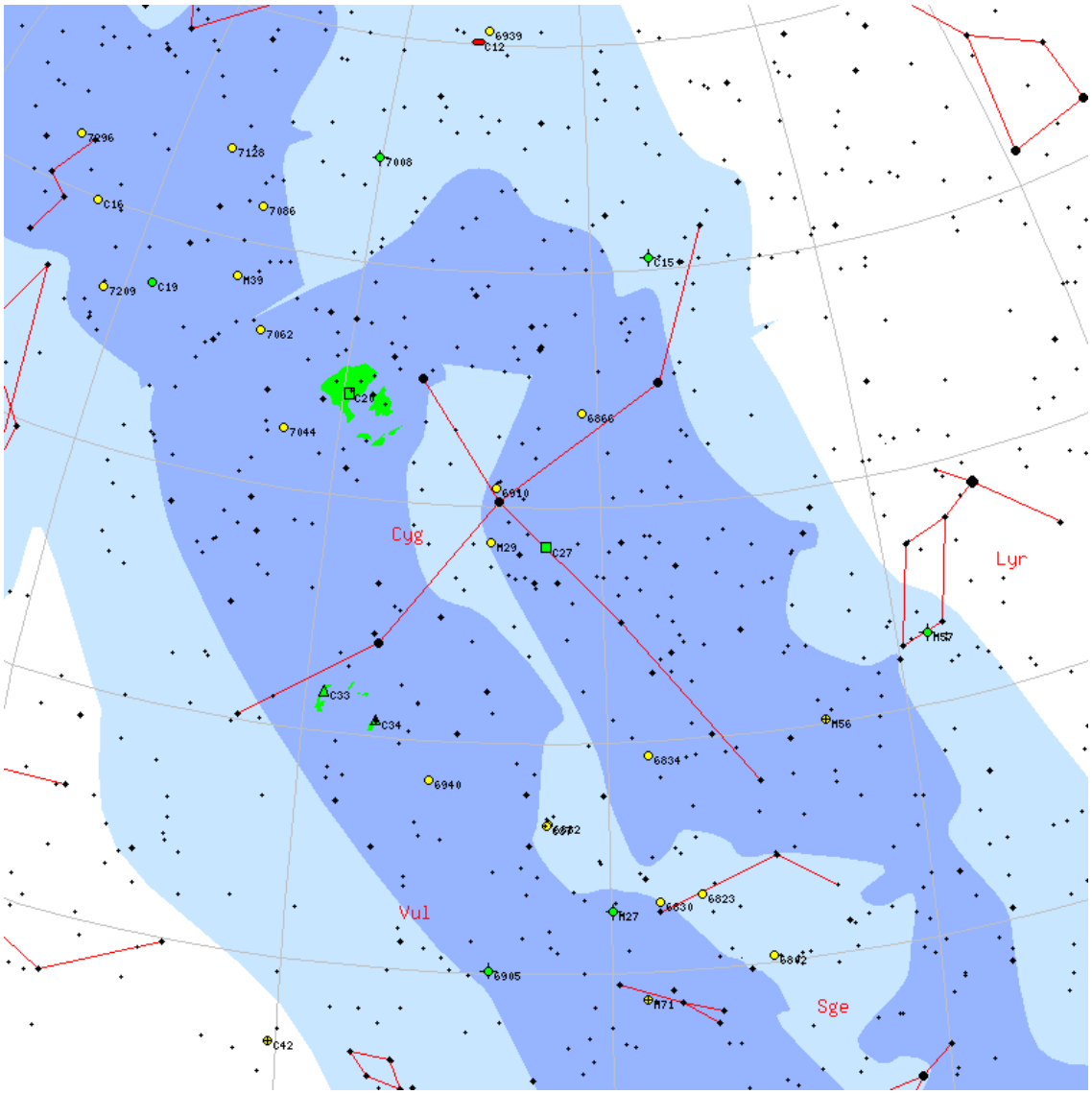
C26

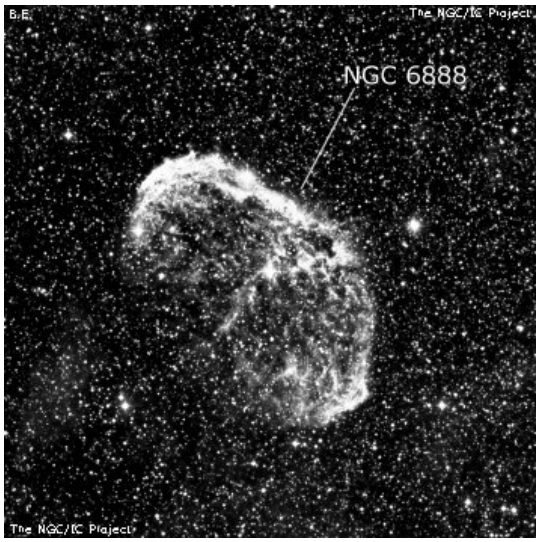
M	C26	**ID**	NGC4244
Constellation	CVn	**Type**	Gx
Magnitude	10.2	**Size**	8.3 x 0.9
RA	12h 17m	**Dec**	+37d 49m
Name	Silver Needle Galaxy		
Description	pB, vL, eE 43deg , vgbM		





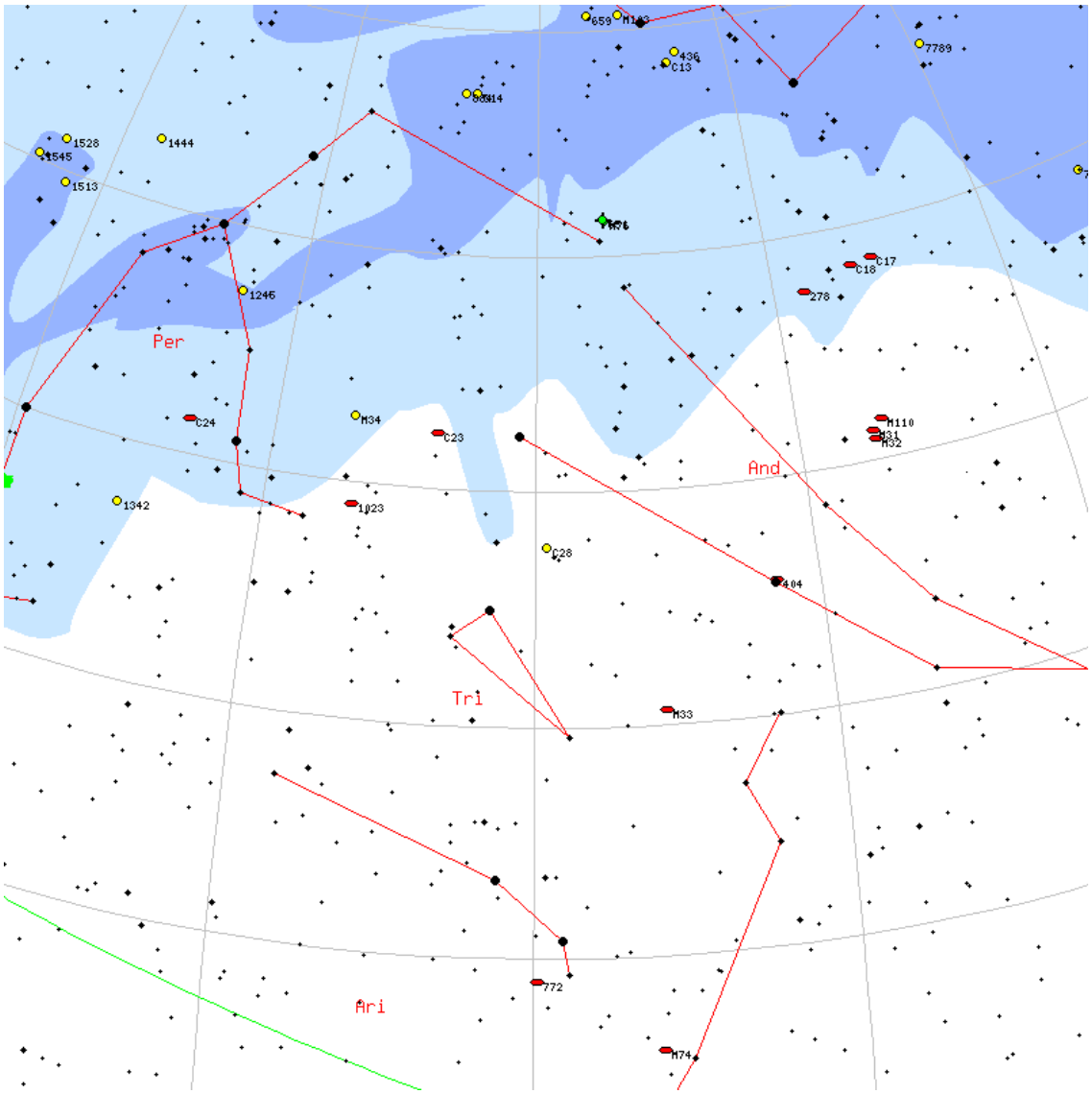
M	C27	**ID**	NGC6888
Constellation	Cyg	**Type**	Nb
Magnitude	-	**Size**	20 x 20
RA	20h 11m	**Dec**	+38d 21m
Name	Crescent Nebula		
Description	F, vL, vmE, ** att		



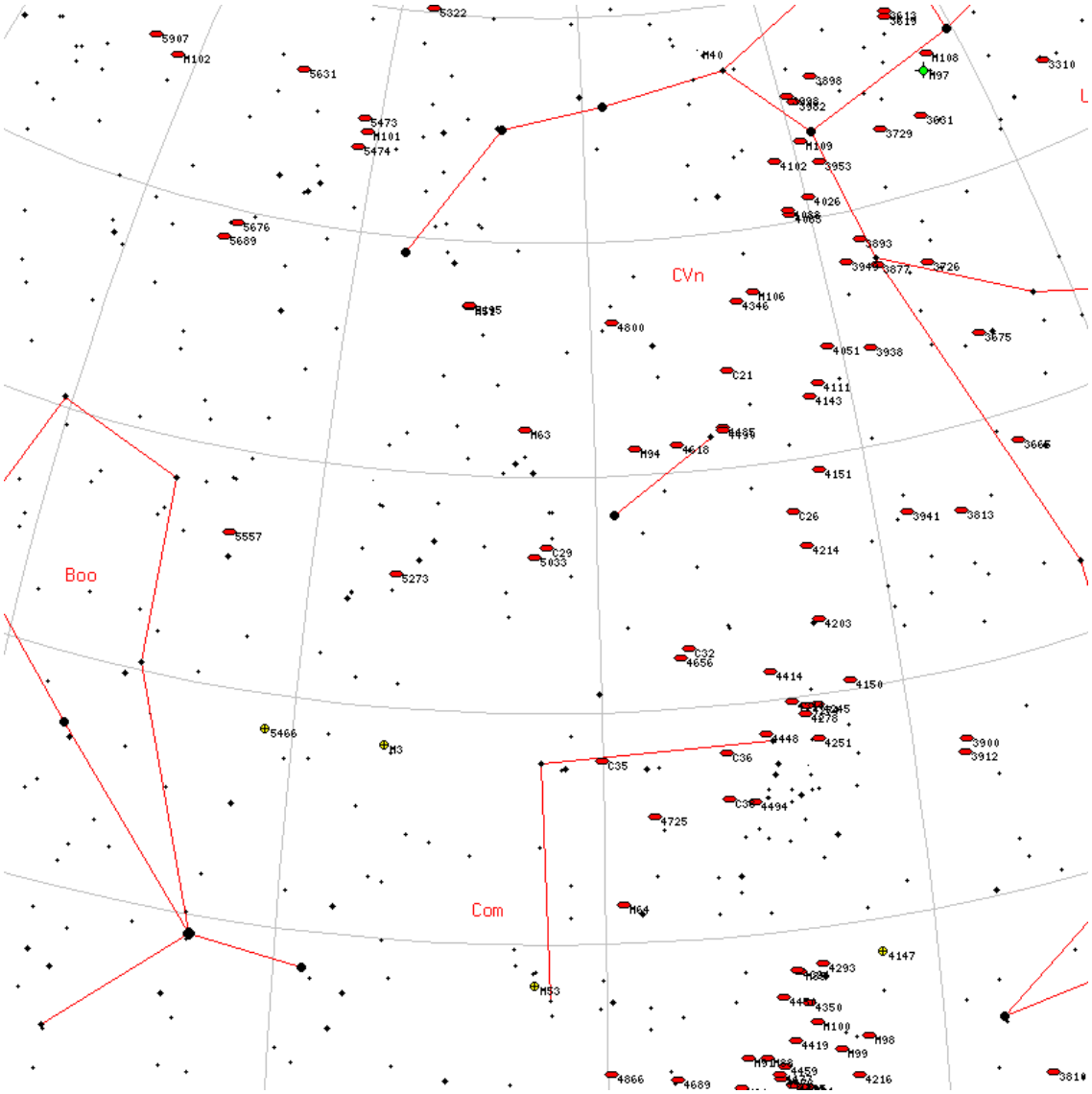


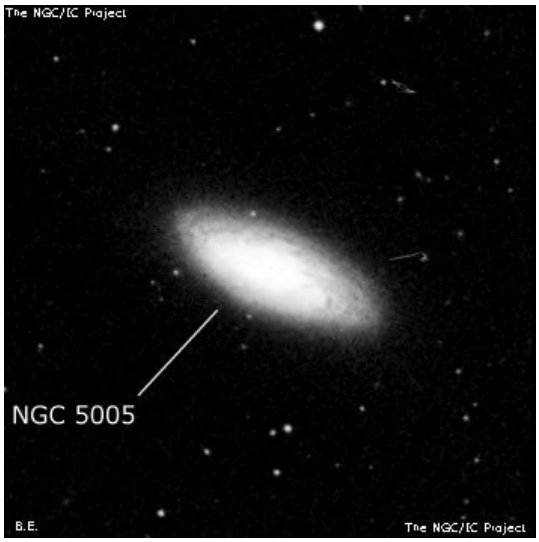
C28

M	C28	**ID**	NGC752
Constellation	And	**Type**	OC
Magnitude	5.7	**Size**	50 x 50
RA	01h 57m	**Dec**	+37d 40m
Name			
Description	Cl, vvL, Ri, st L & sc		



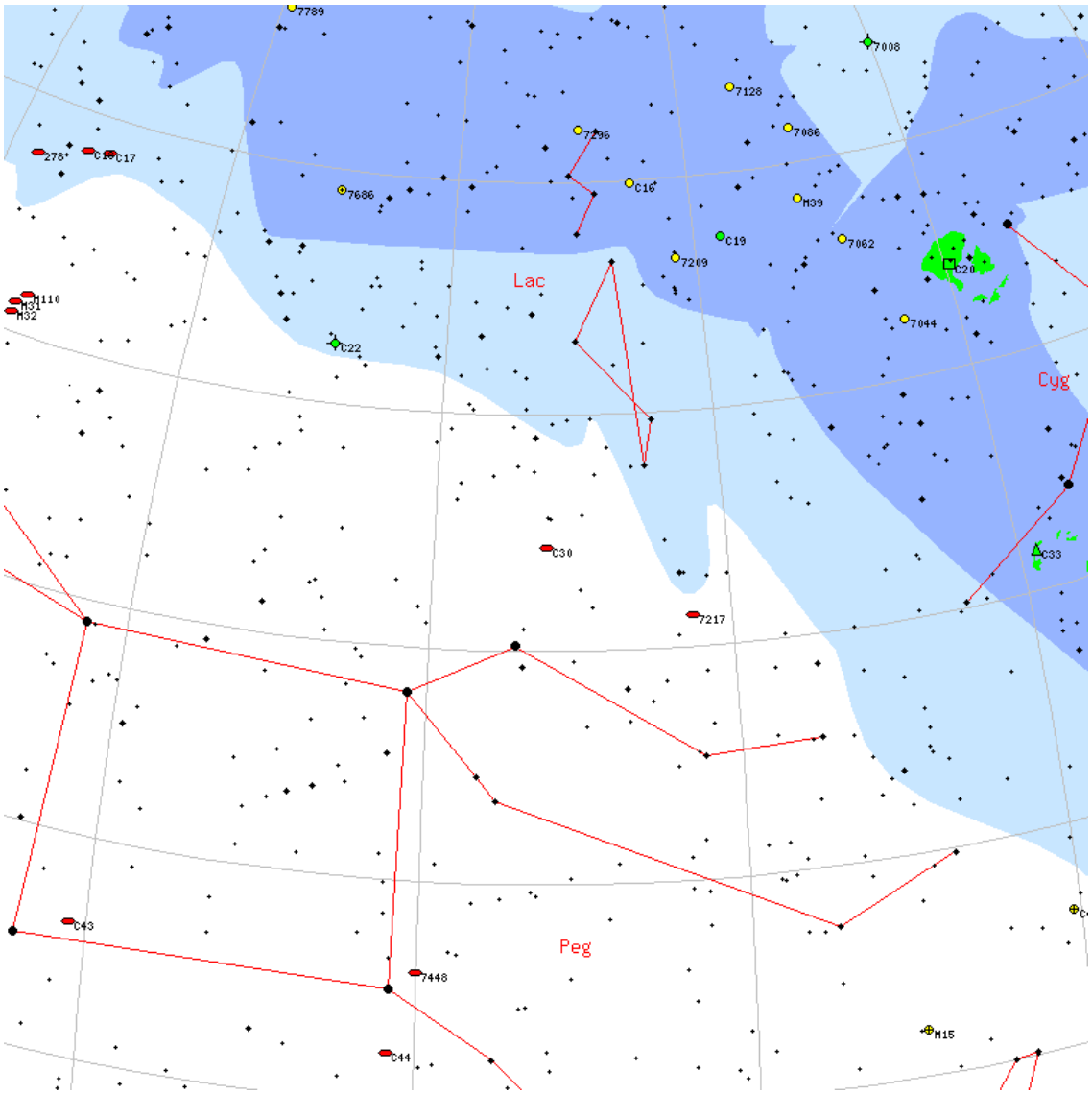
M	C29	**ID**	NGC5005
Constellation	CVn	**Type**	Gx
Magnitude	9.8	**Size**	2.9 x 1.4
RA	13h 10m	**Dec**	+37d 02m
Name			
Description	vB, vL, vmE 66deg , vsbMN		

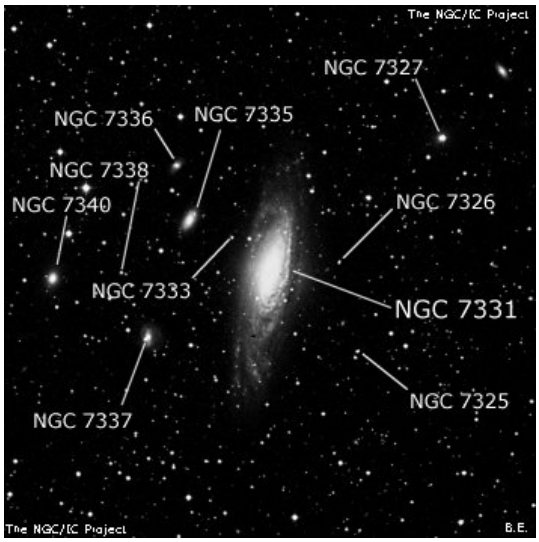




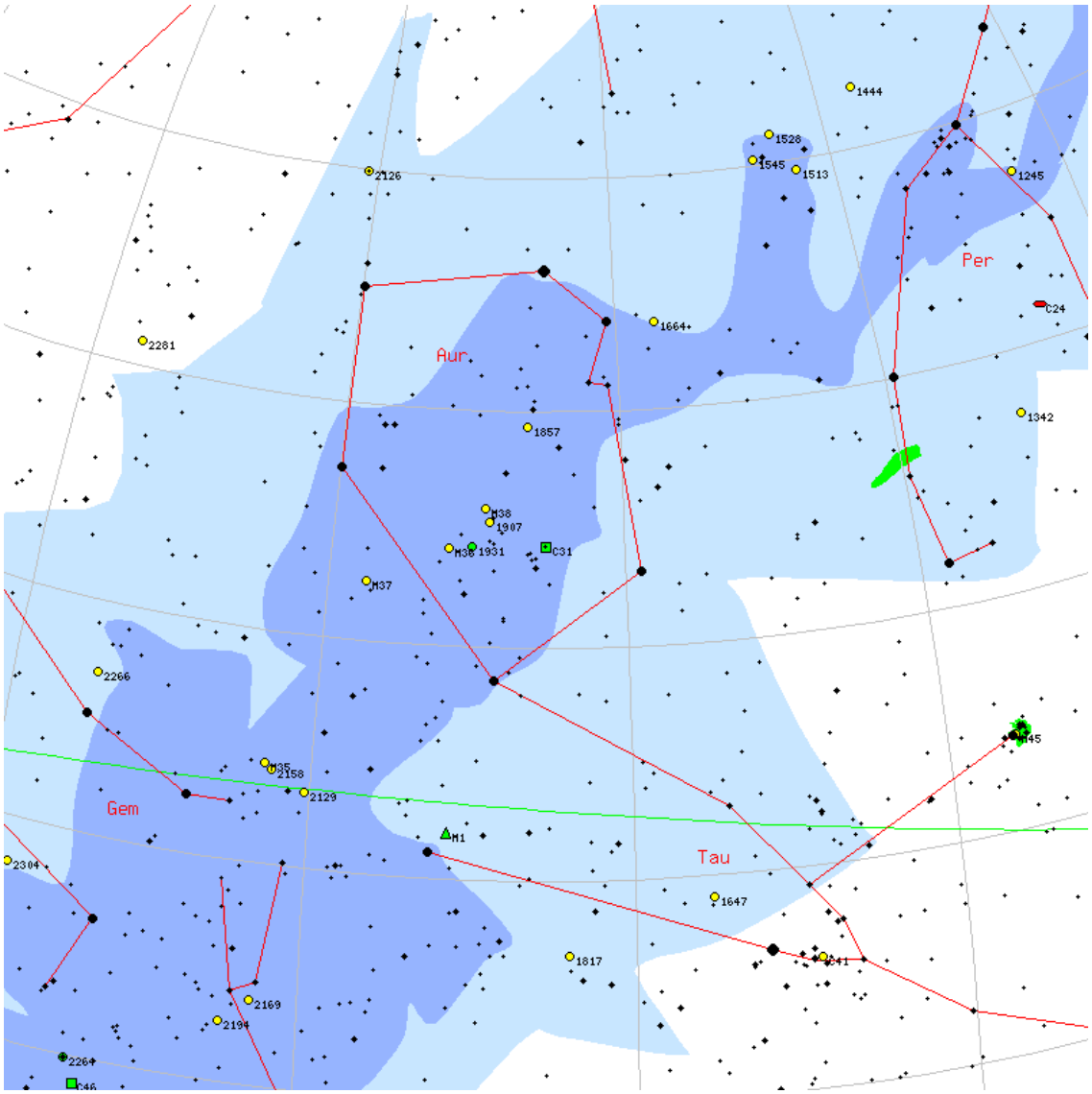
C30

M	C30	**ID**	NGC7331
Constellation	Peg	**Type**	Gx
Magnitude	9.5	**Size**	5.2 x 1.9
RA	22h 37m	**Dec**	+34d 25m
Name			
Description	B, pL, pmE 163deg , smbM		



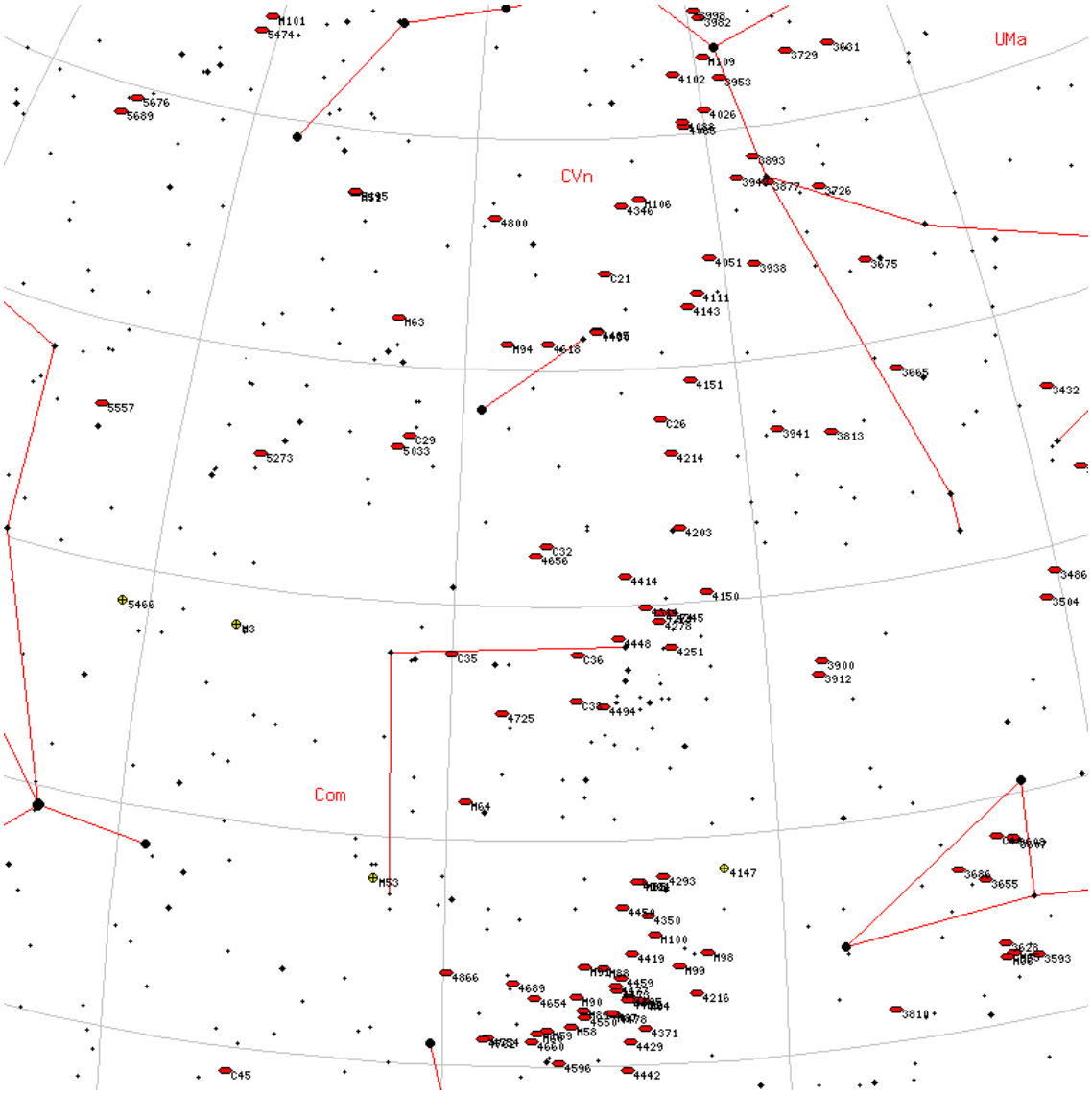


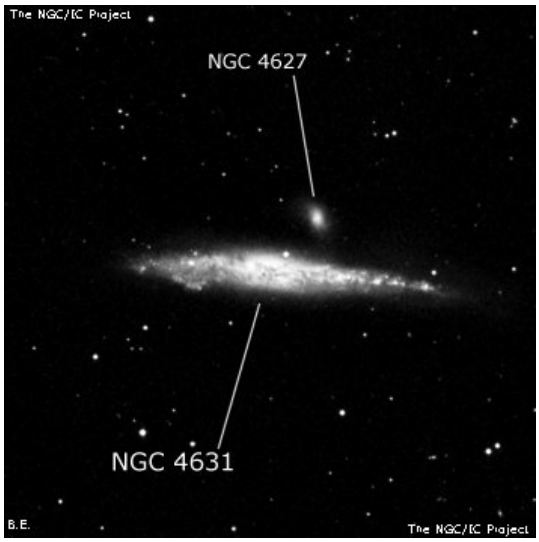
M	C31	**ID**	IC405
Constellation	Aur	**Type**	Nb
Magnitude	-	**Size**	30 x 30
RA	05h 16m	**Dec**	+34d 16m
Name	Flaming Star Nebula		
Description	*6.7 with pB, vL neb		



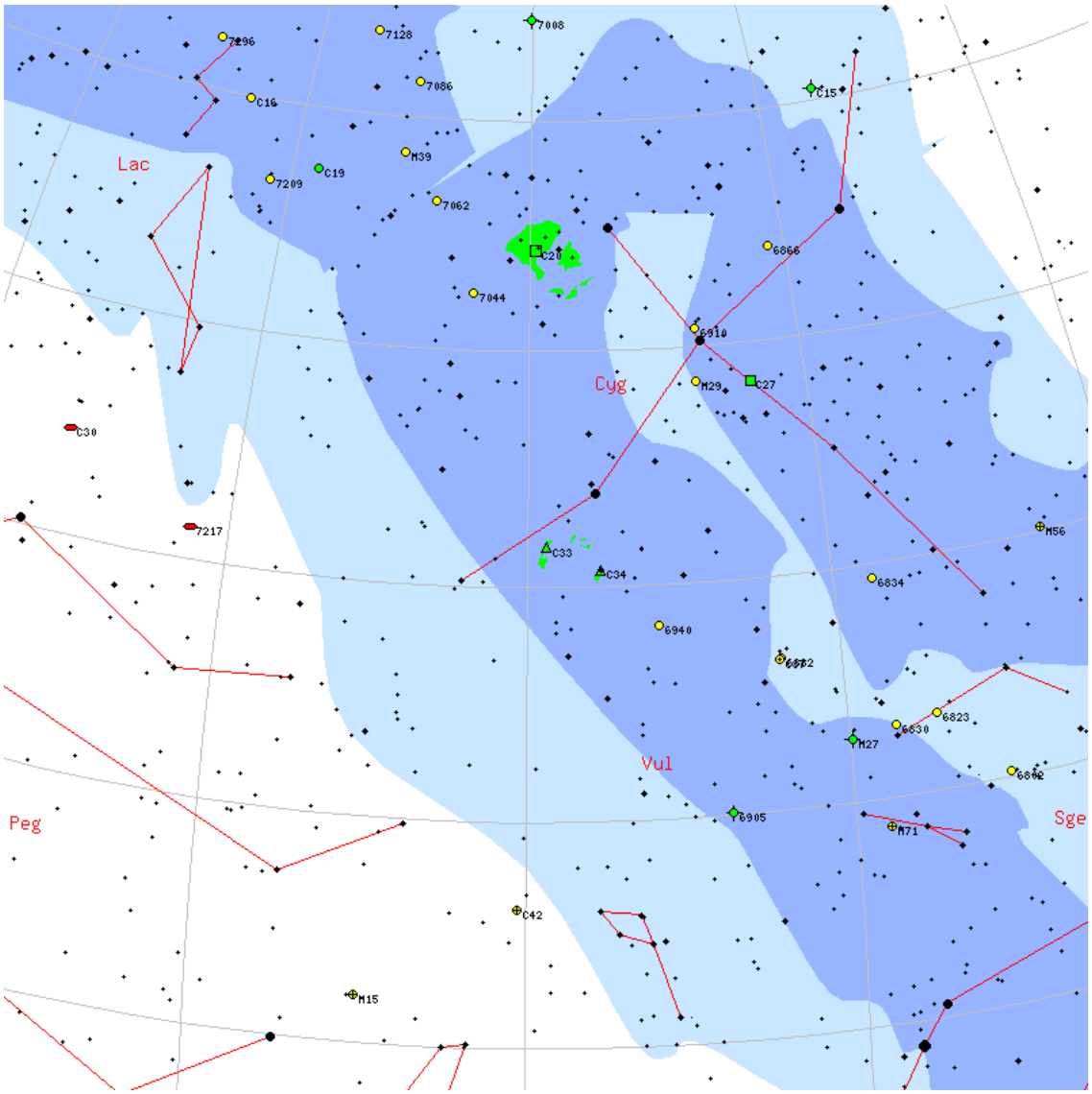
C32

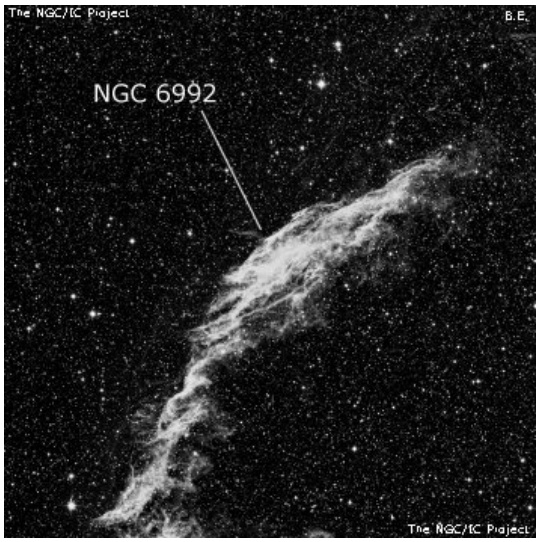
M	C32	**ID**	NGC4631
Constellation	CVn	**Type**	Gx
Magnitude	9.3	**Size**	7.7 x 1.4
RA	12h 42m	**Dec**	+32d 31m
Name			
Description	!, vB, vL, eE 70deg +/- , bMN, *12 att n		





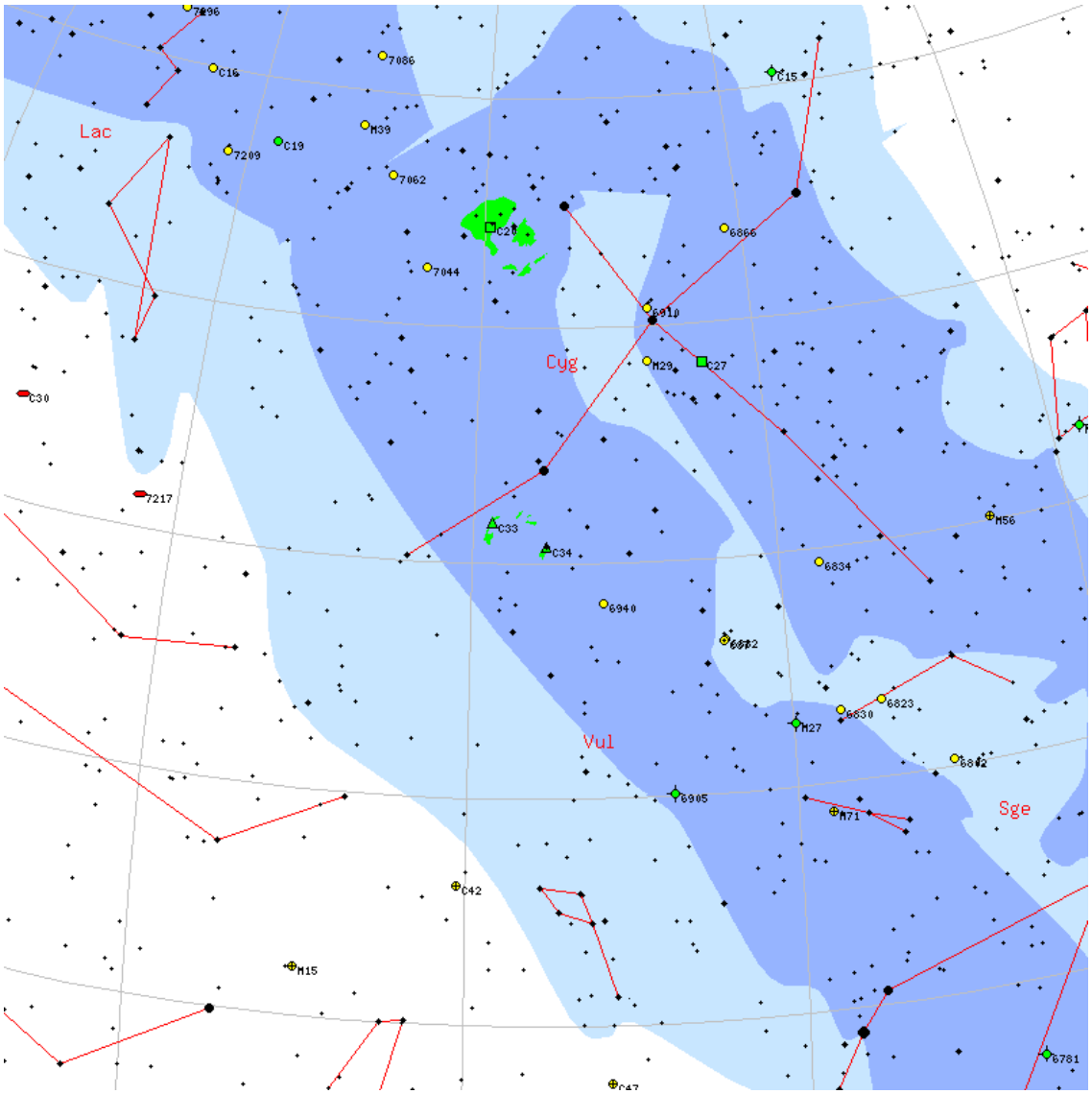
M	C33	**ID**	NGC6992
Constellation	Cyg	**Type**	SNR
Magnitude	-	**Size**	60 x 60
RA	20h 56m	**Dec**	+31d 43m
Name	Veil Nebula (east)		
Description	!!, eF, eL, eE, eiF, bifurcated		

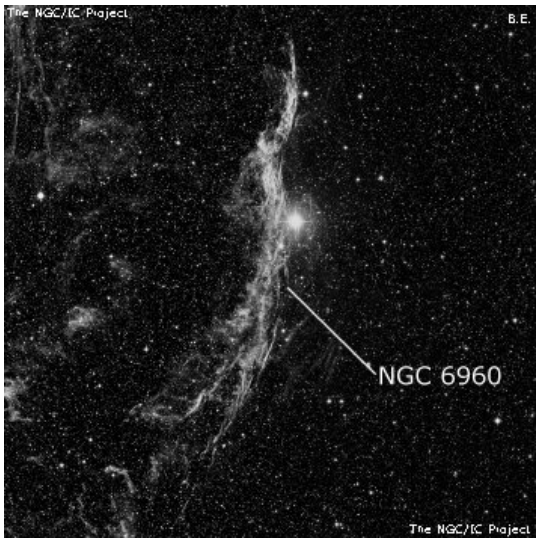




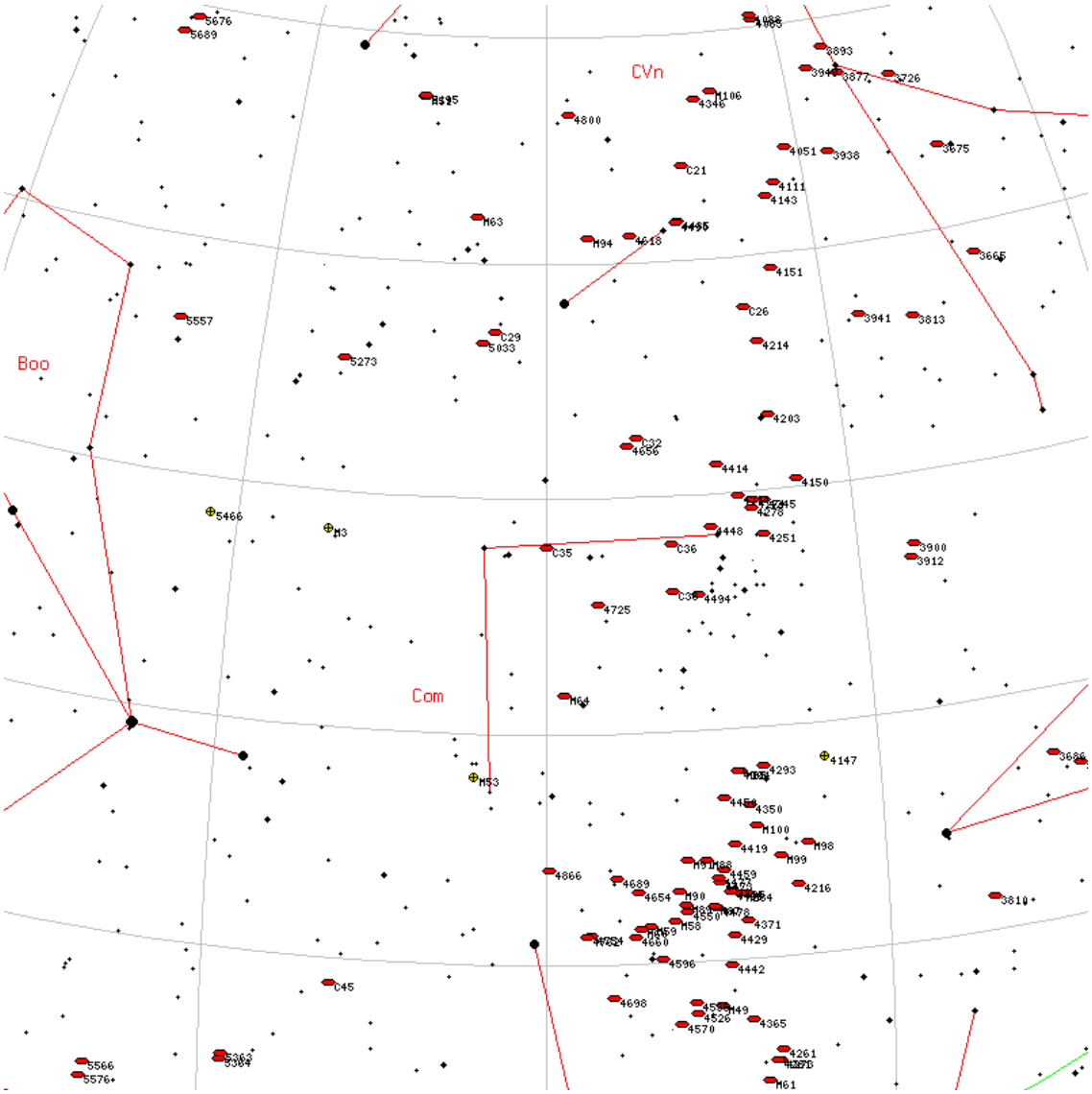
C34

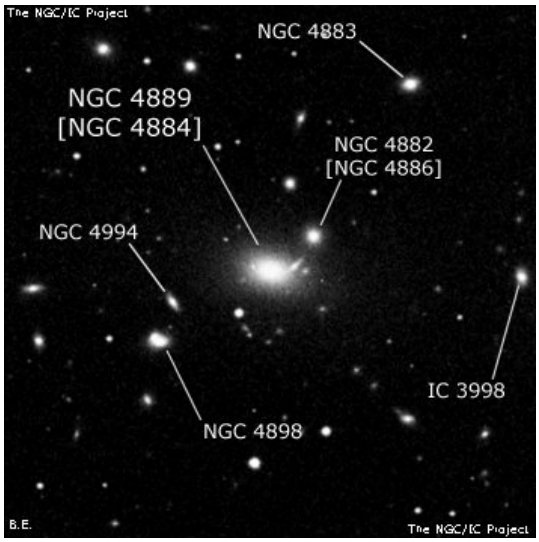
M	C34	**ID**	NGC6960
Constellation	Cyg	**Type**	SNR
Magnitude	-	**Size**	70 x 70
RA	20h 45m	**Dec**	+30d 43m
Name	Veil Nebula (west)		
Description	!! pB, cL, eiF, 52 Cyg inv		





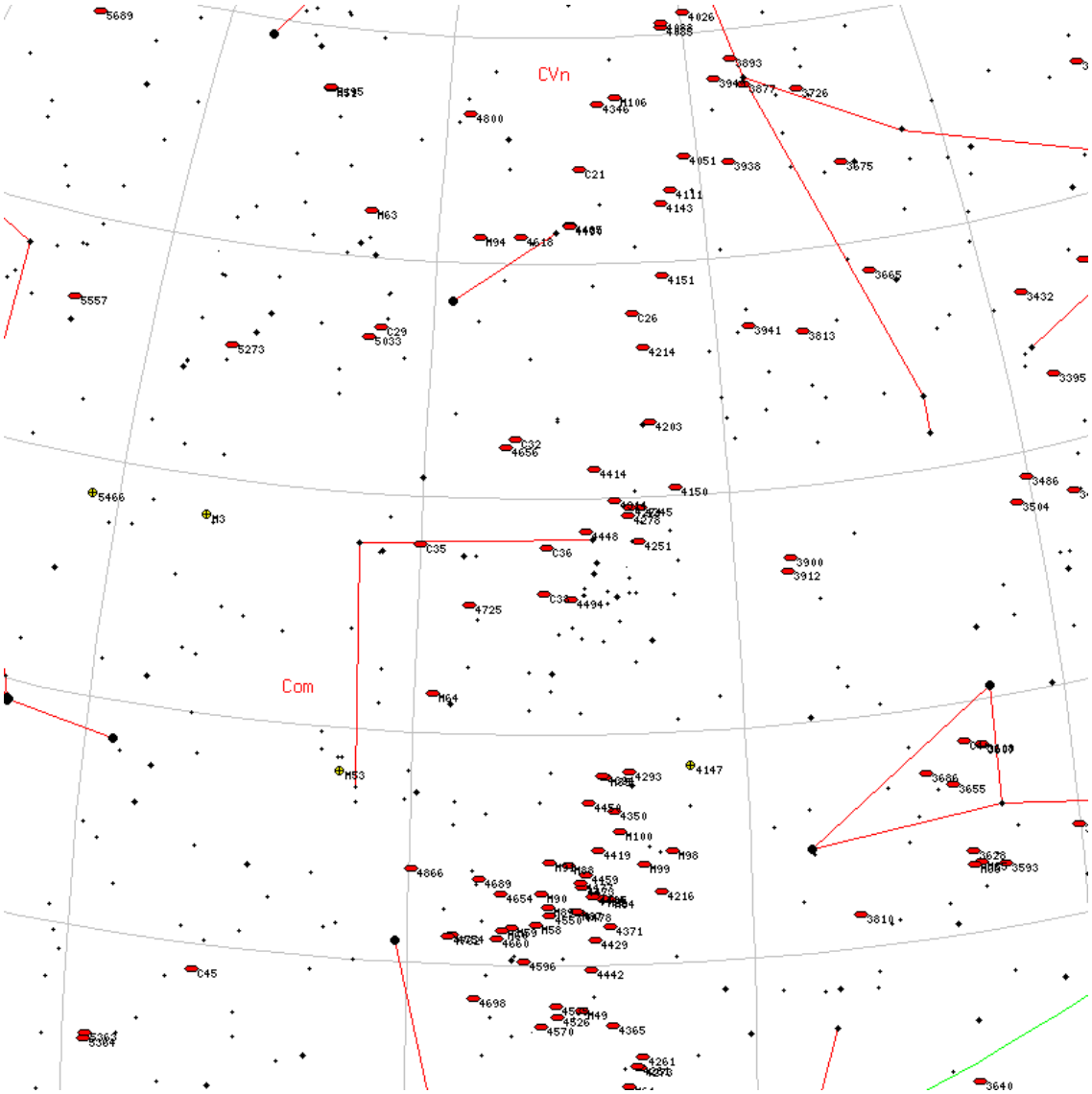
M	C35	**ID**	NGC4889
Constellation	Com	**Type**	Gx
Magnitude	11.4	**Size**	1.4 x 0.9
RA	13h 00m	**Dec**	+27d 58m
Name			
Description	pB, pmE, bM, *7 n		

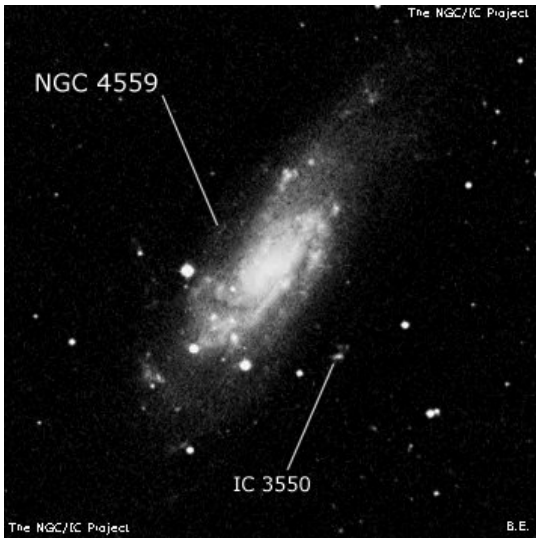




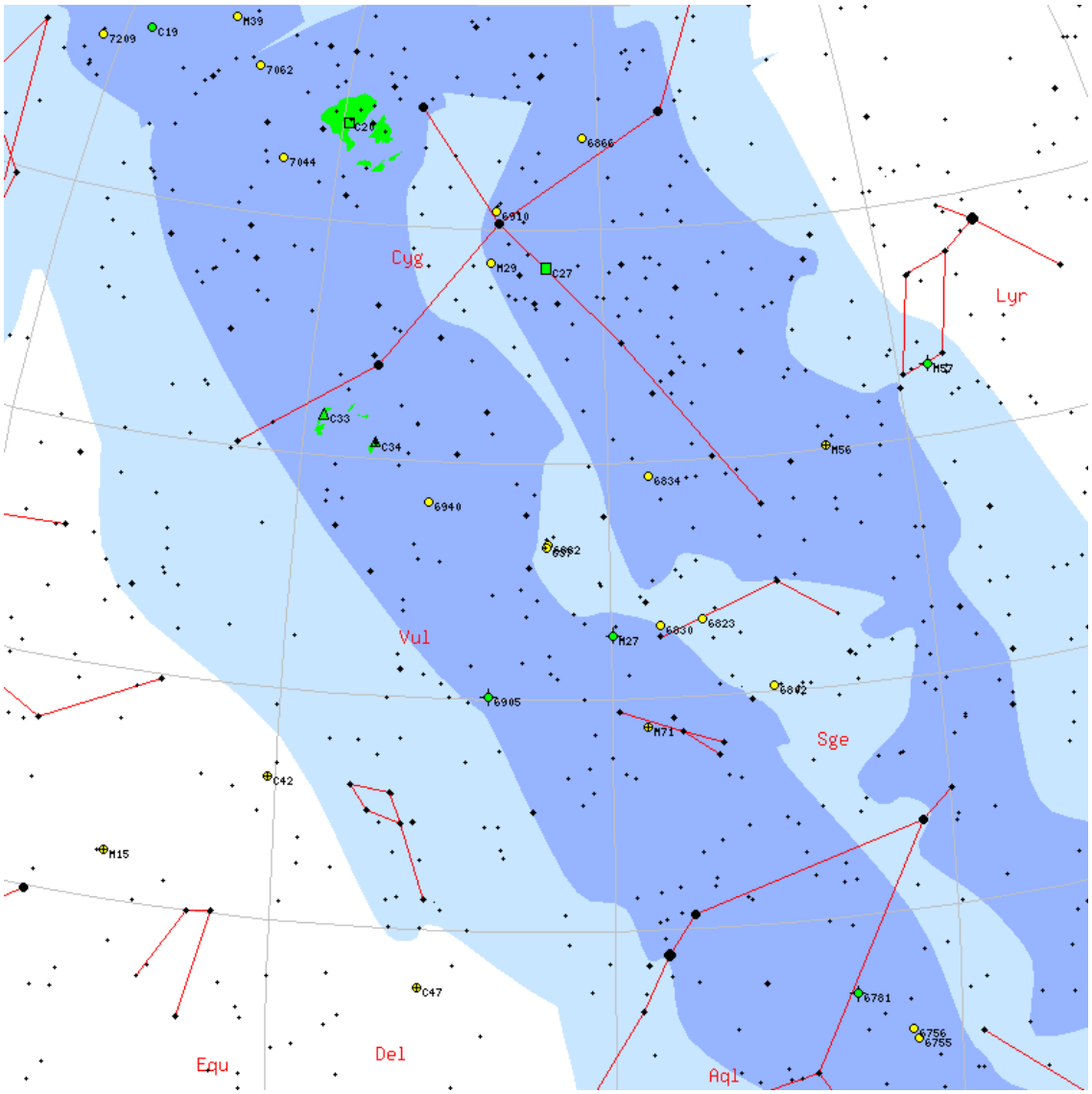
C36

M	C36	**ID**	NGC4559
Constellation	Com	**Type**	Gx
Magnitude	9.9	**Size**	5.4 x 2.2
RA	12h 35m	**Dec**	+27d 58m
Name			
Description	vB, vL, mE 150deg , gbM, 3 st f		



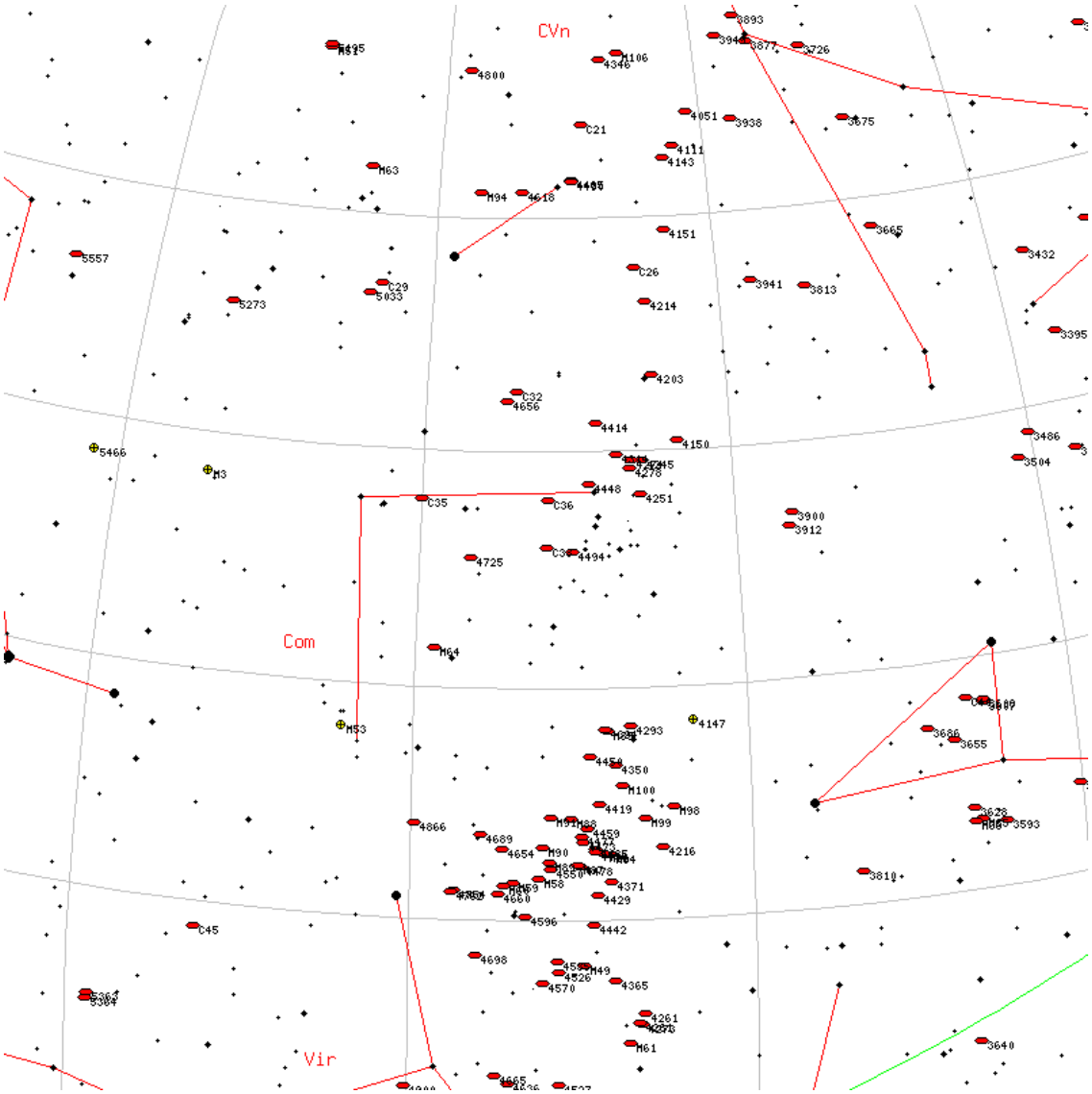


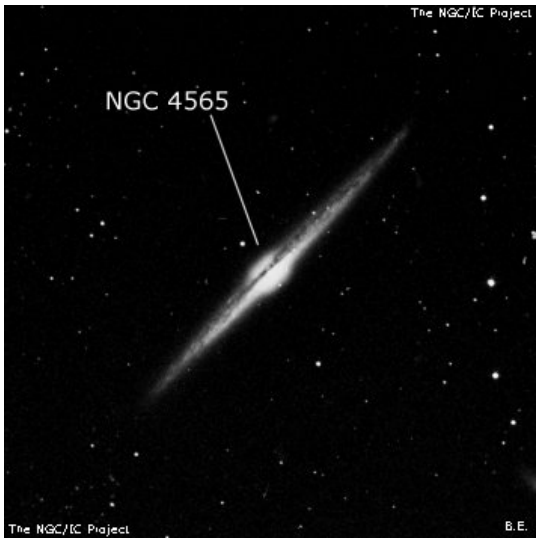
M	C37	**ID**	NGC6885
Constellation	Vul	**Type**	OC
Magnitude	6	**Size**	7 x 7
RA	20h 11m	**Dec**	+26d 28m
Name			
Description	Cl, vB, vL, Ri, IC, st 6...11		



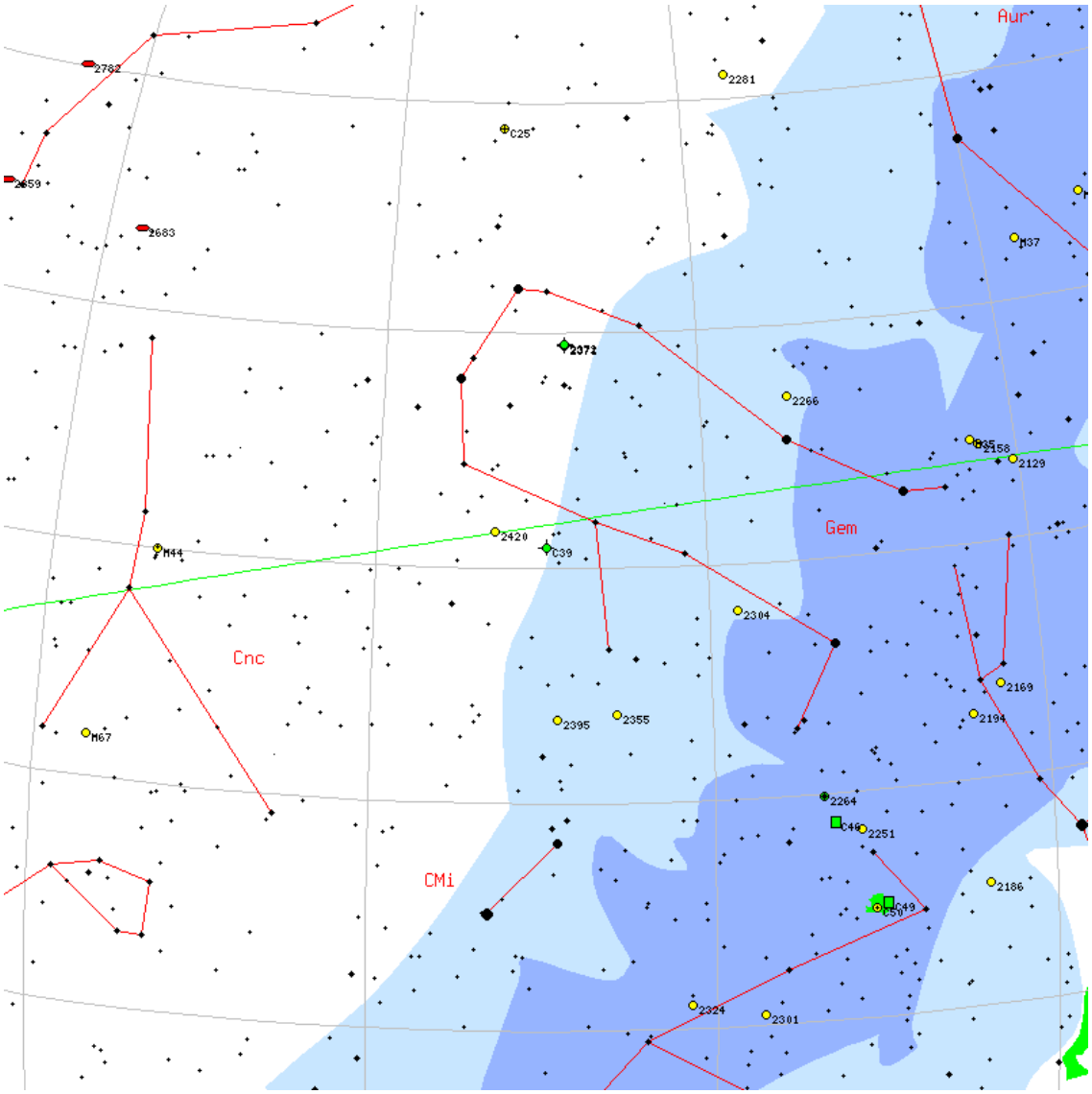
C38

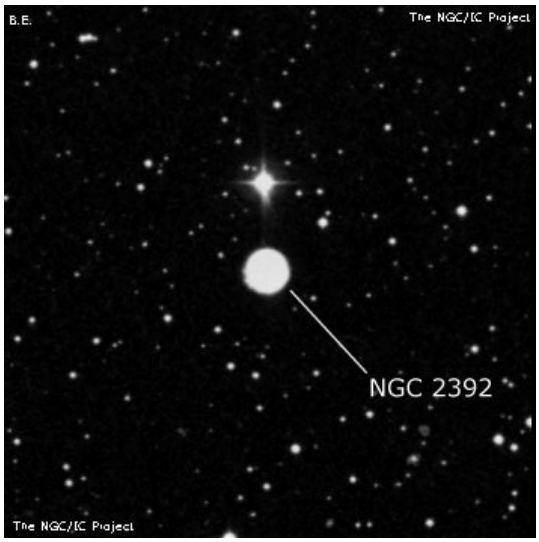
M	C38	**ID**	NGC4565
Constellation	Com	**Type**	Gx
Magnitude	9.6	**Size**	7.9 x 1.1
RA	12h 36m	**Dec**	+25d 58m
Name	Needle Galaxy		
Description	B, eL, eE 135deg , vsbMN = *10-11		





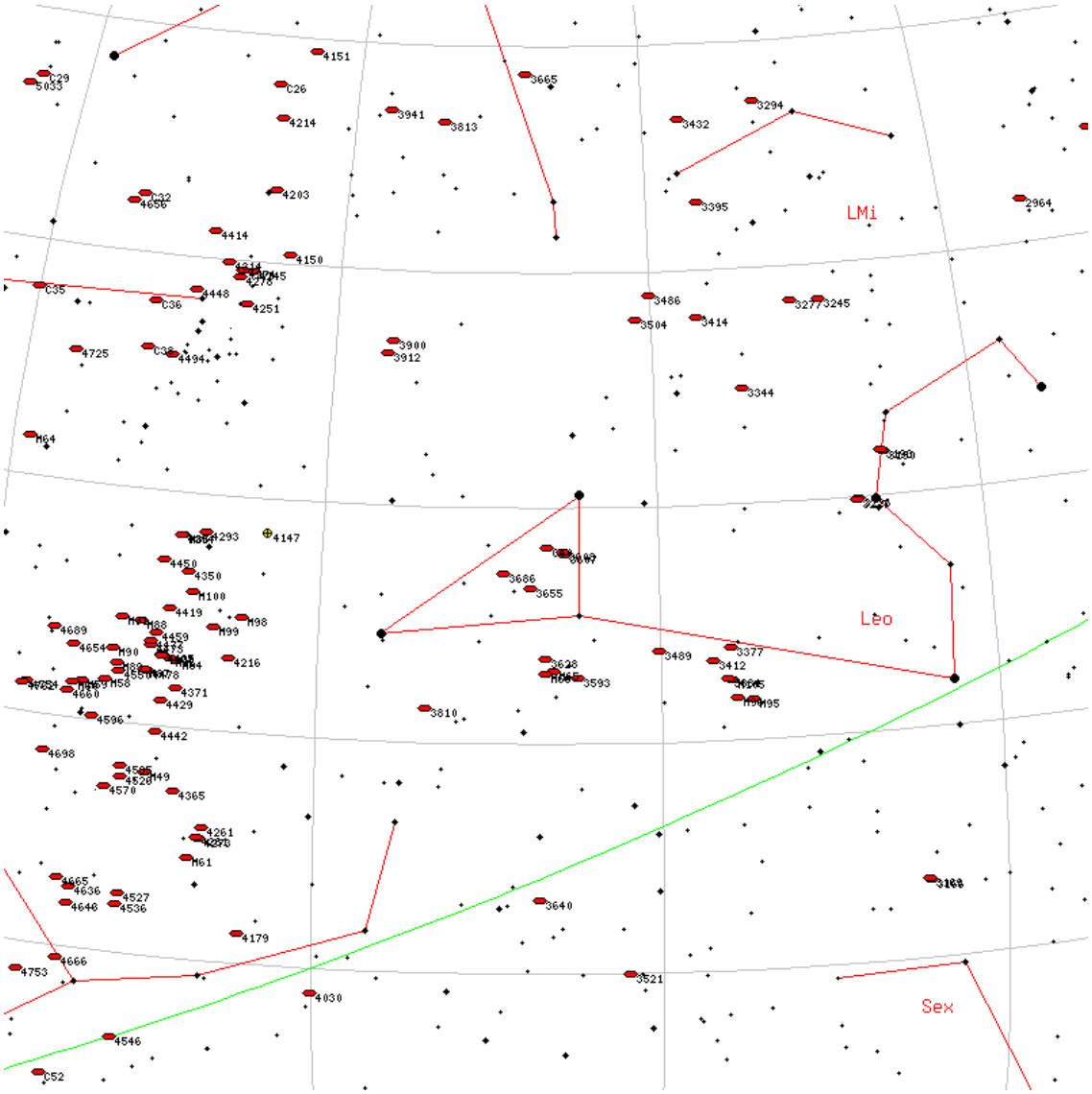
M	C39	**ID**	NGC2392
Constellation	Gem	**Type**	Pl
Magnitude	10	**Size**	0.7 x 0.7
RA	07h 29m	**Dec**	+20d 55m
Name	Eskimo Nebula/Clown Face Nebula		
Description	B, S, R, *9 M, *8 nf 100"		

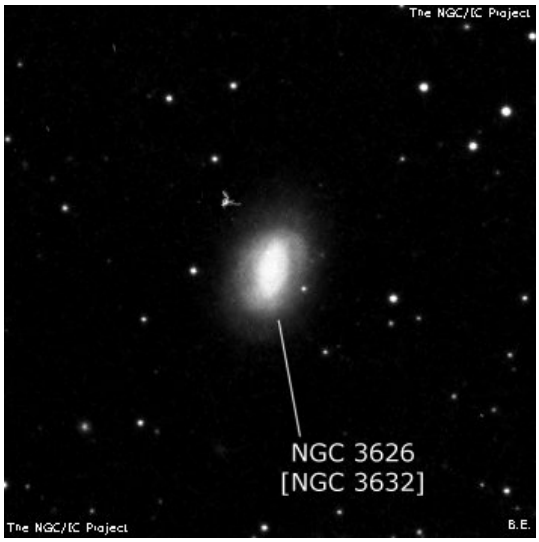




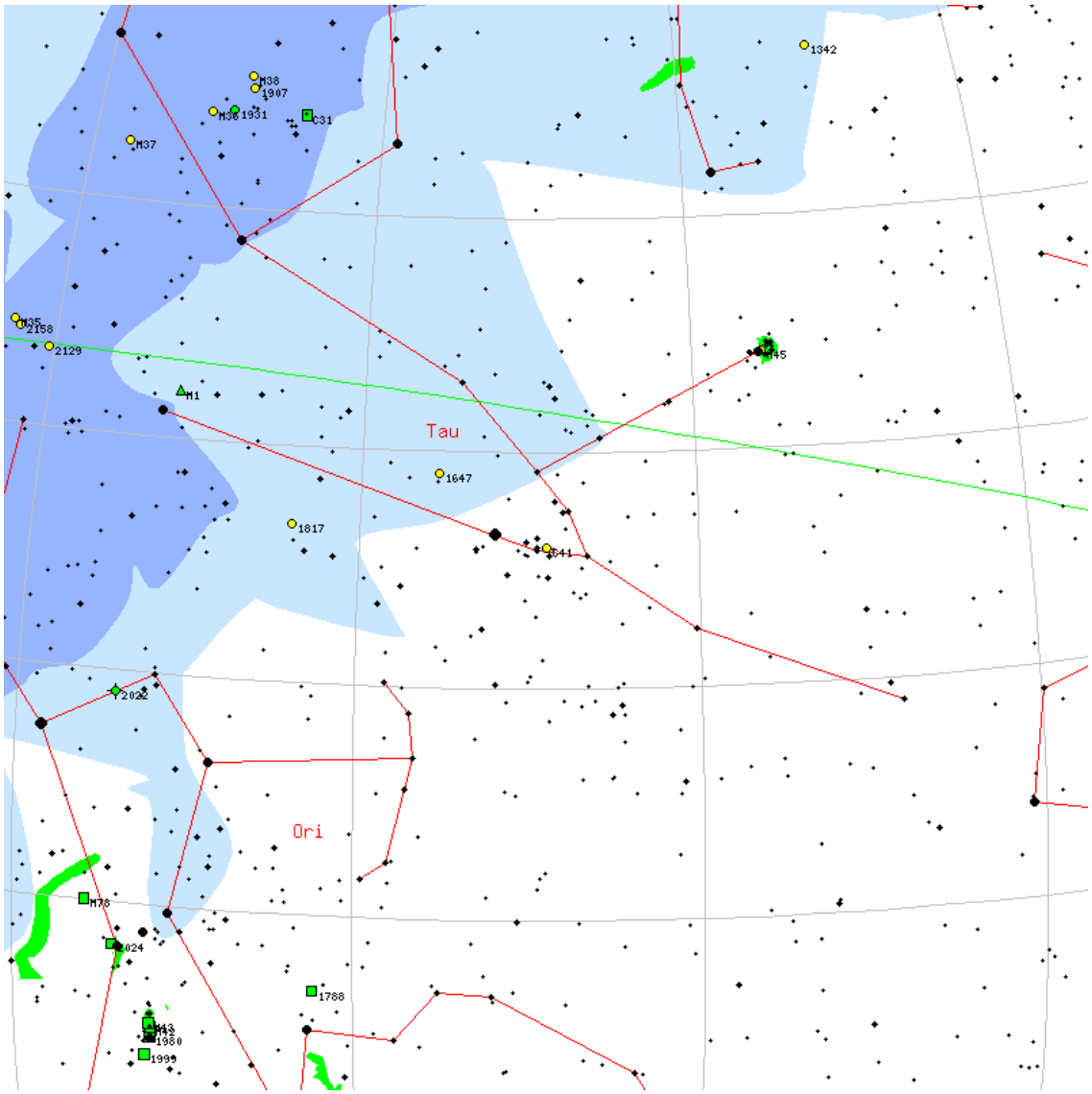
C40

M	C40	**ID**	NGC3626
Constellation	Leo	**Type**	Gx
Magnitude	10.9	**Size**	1.4 x 1
RA	11h 20m	**Dec**	+18d 21m
Name			
Description	B, S, vIE, sbM		



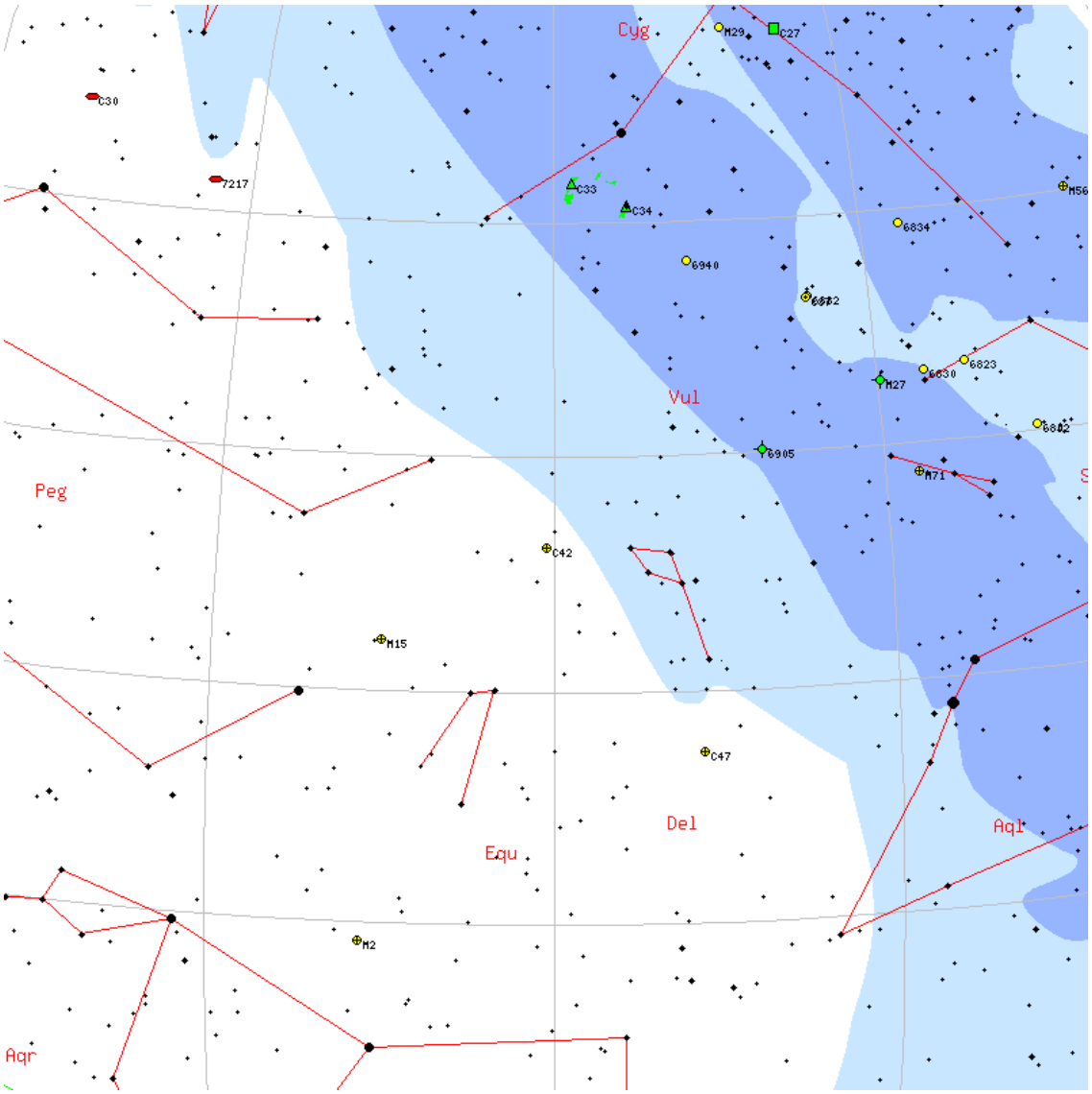


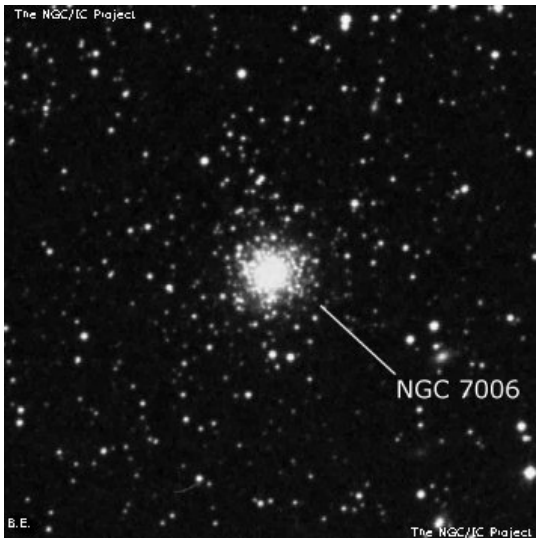
M	C41	**ID**	-
Constellation	Tau	**Type**	OC
Magnitude	0.5	**Size**	330 x 330
RA	04h 27m	**Dec**	+16d 00m
Name	Hyades		
Description			



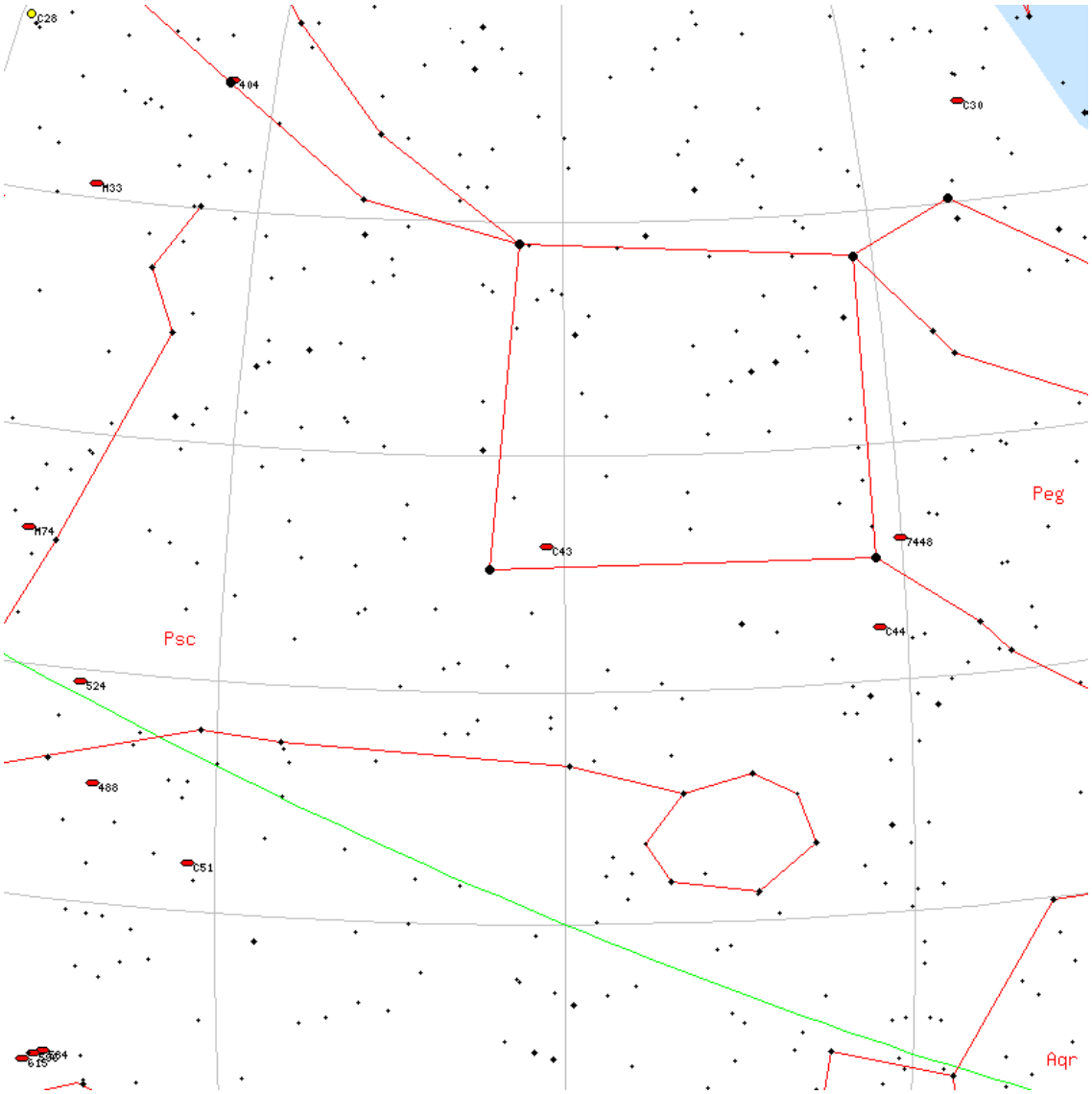
C42

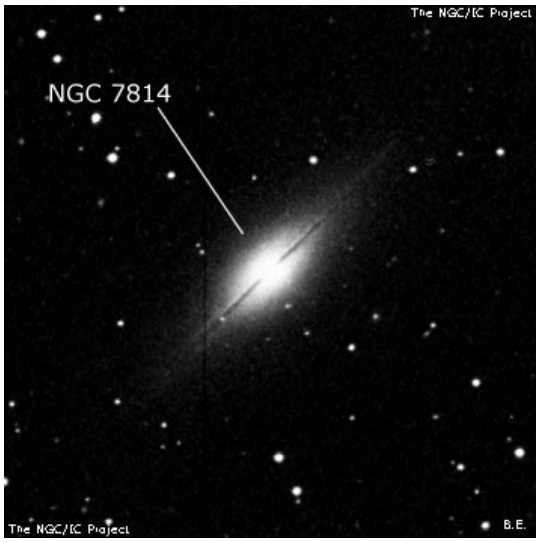
M	C42	**ID**	NGC7006
Constellation	Del	**Type**	Gb
Magnitude	10.6	**Size**	2.8 x 2.8
RA	21h 01m	**Dec**	+16d 10m
Name			
Description	B, pL, R, gbM		





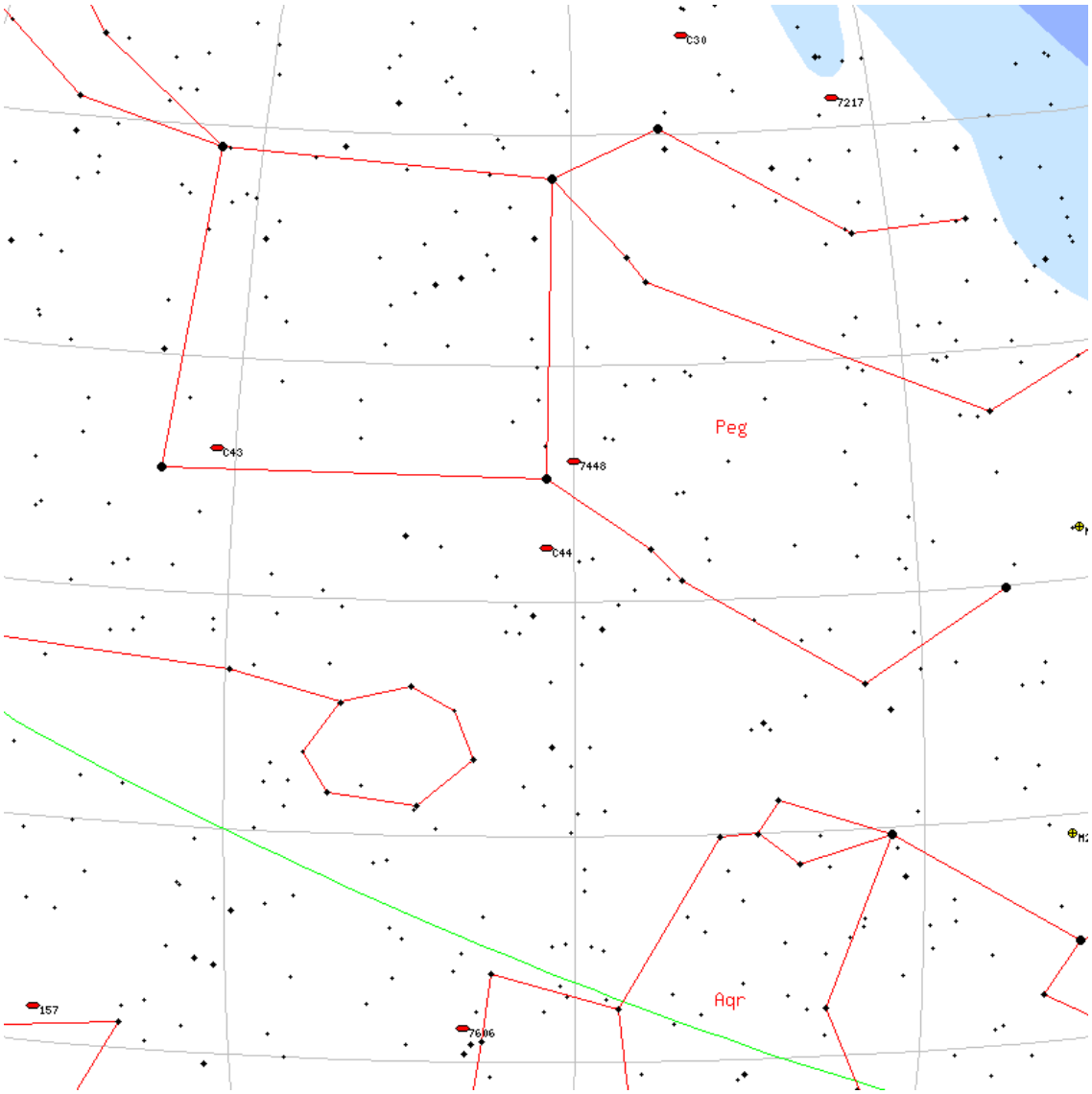
M	C43	**ID**	NGC7814
Constellation	Peg	**Type**	Gx
Magnitude	10.5	**Size**	2.8 x 1.1
RA	00h 03m	**Dec**	+16d 08m
Name	Electric Arc		
Description	cB, cL, E, vgbM		

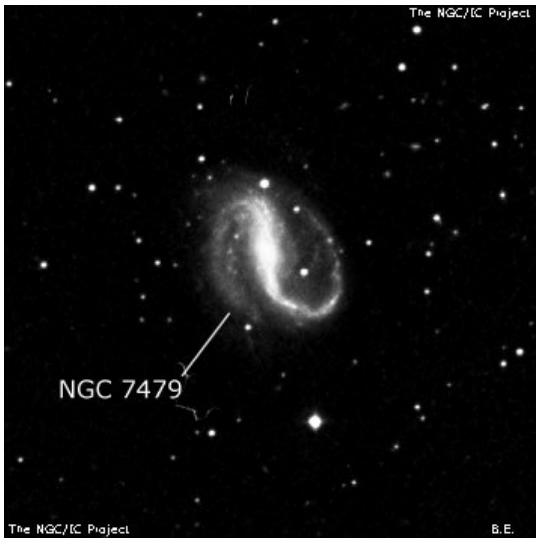




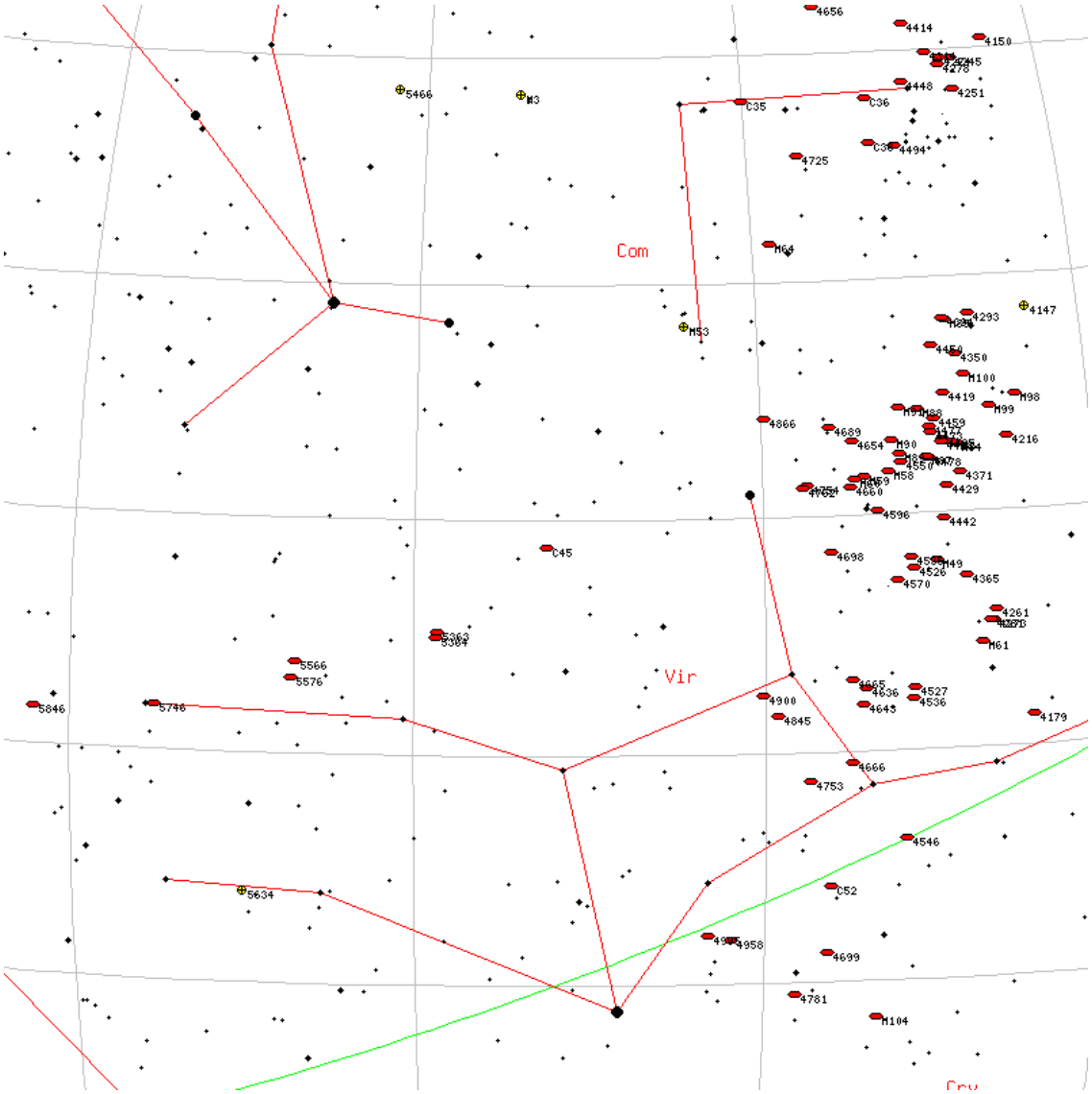
C44

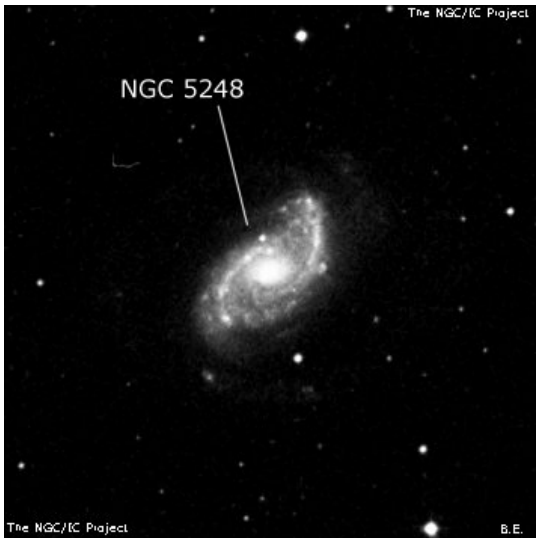
M	C44	**ID**	NGC7479
Constellation	Peg	**Type**	Gx
Magnitude	11	**Size**	2 x 1.6
RA	23h 04m	**Dec**	+12d 19m
Name			
Description	pB, cL, mE 12deg , bet 2 st		





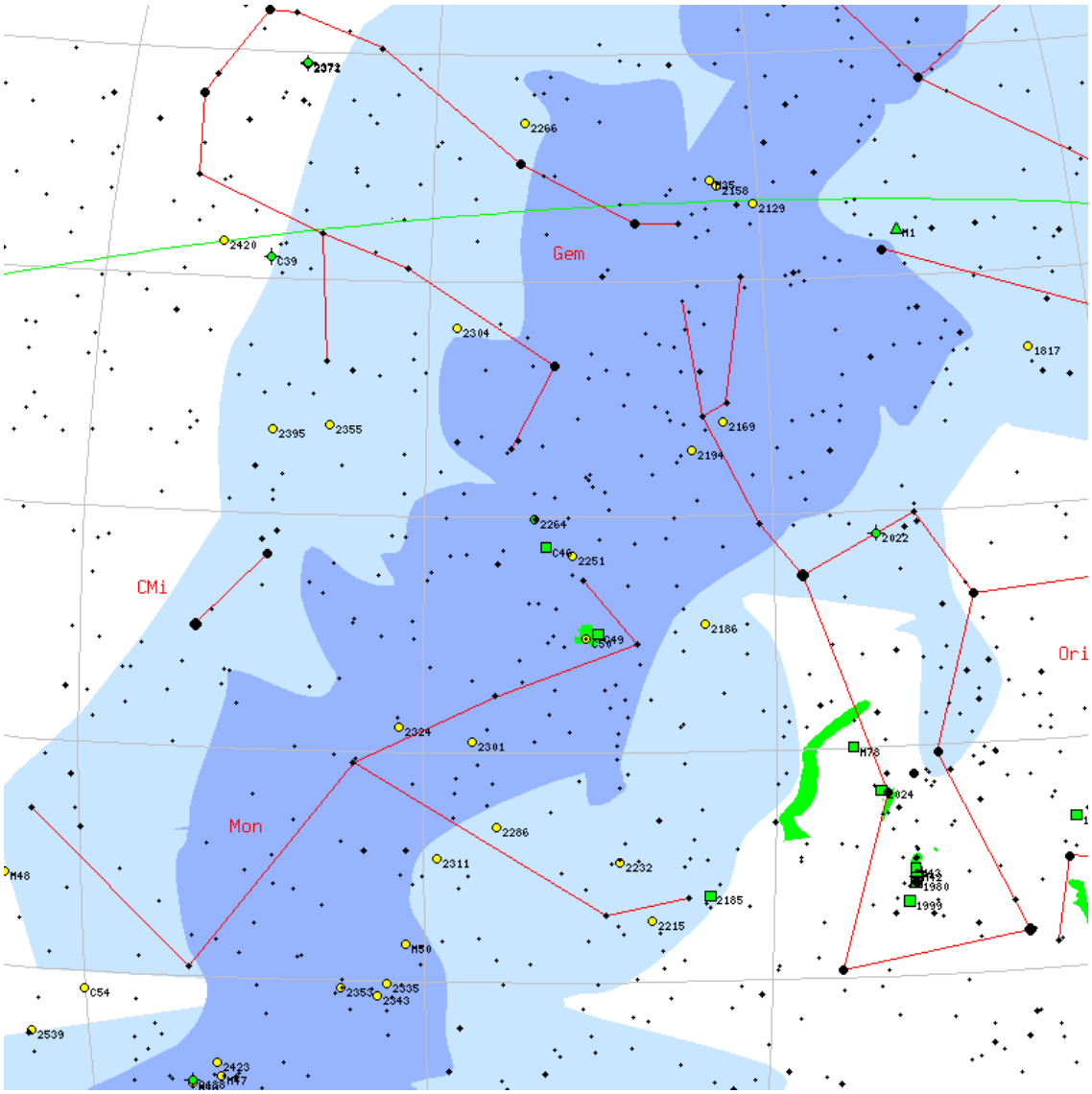
M	C45	**ID**	NGC5248
Constellation	Boo	**Type**	Gx
Magnitude	10.2	**Size**	3.1 x 2.2
RA	13h 37m	**Dec**	+08d 52m
Name			
Description	B, L, E 150deg , psbMrN		

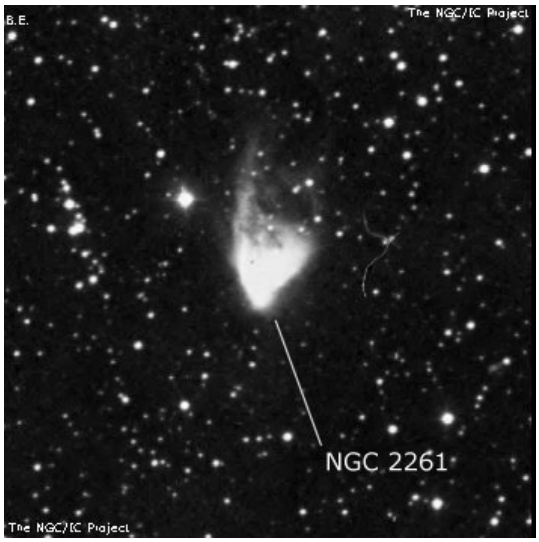




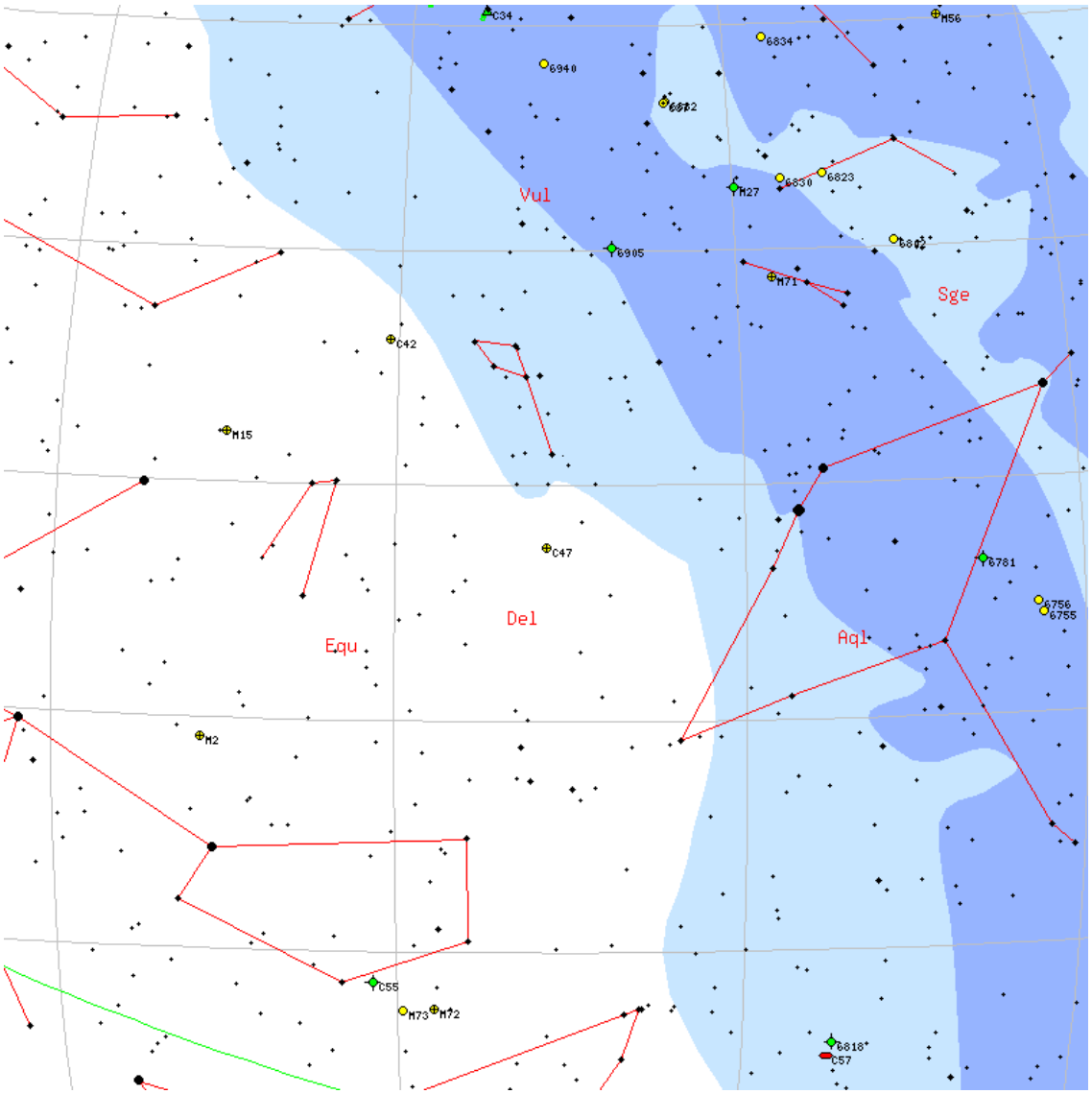
C46

M	C46	**ID**	NGC2261
Constellation	Mon	**Type**	Nb
Magnitude	-	**Size**	2 x 2
RA	06h 39m	**Dec**	+08d 43m
Name	Hubble's Variable Nebula		
Description	B, vmE 330deg , N com = *11		



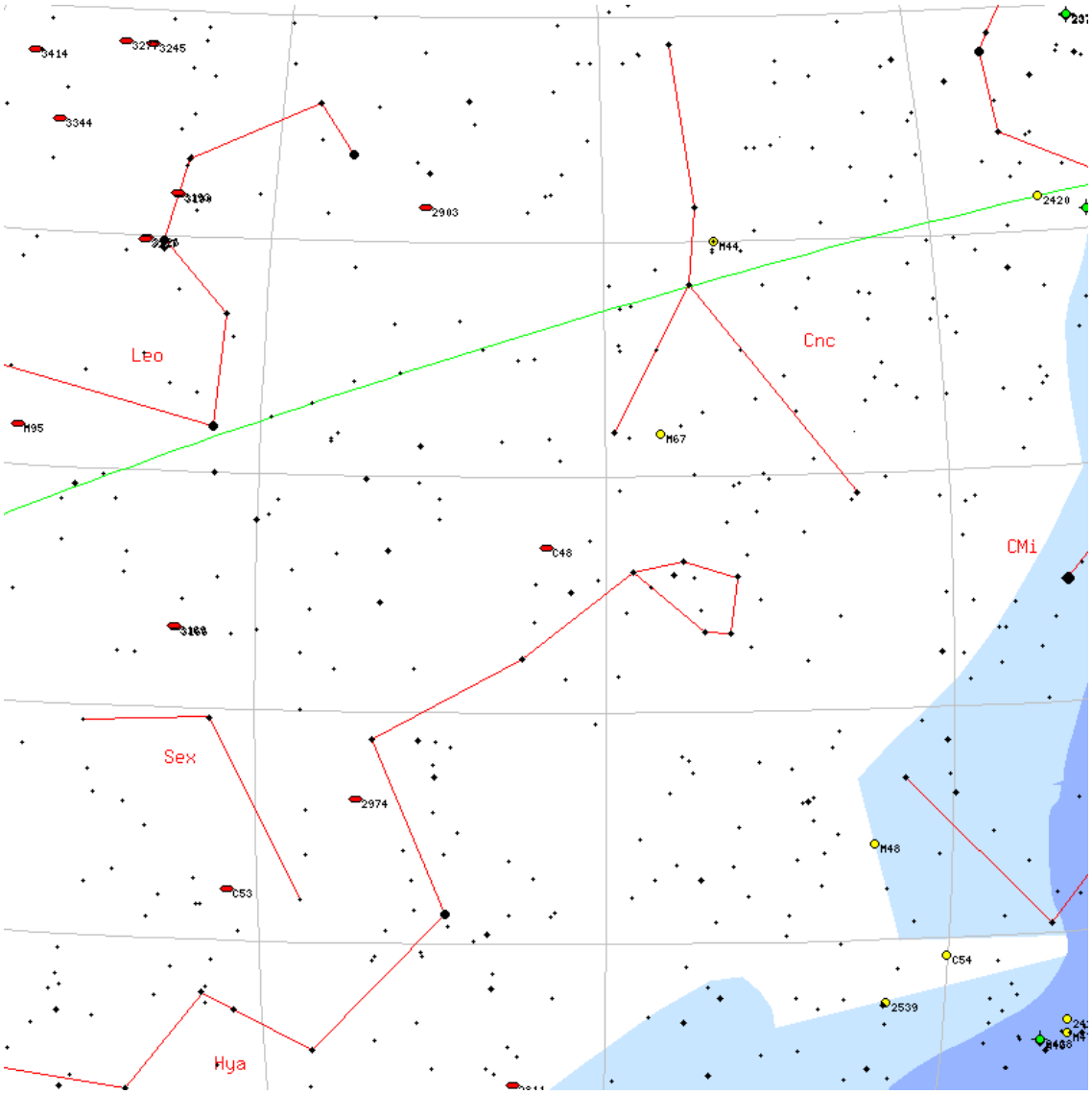


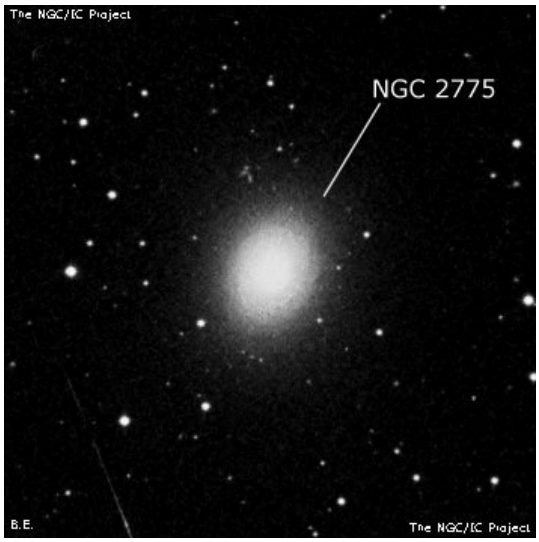
M	C47	**ID**	NGC6934
Constellation	Del	**Type**	Gb
Magnitude	8.9	**Size**	5.9 x 5.9
RA	20h 34m	**Dec**	+07d 24m
Name			
Description	glob. cl. , B, L, R, rrr, st 16..., *9 p		



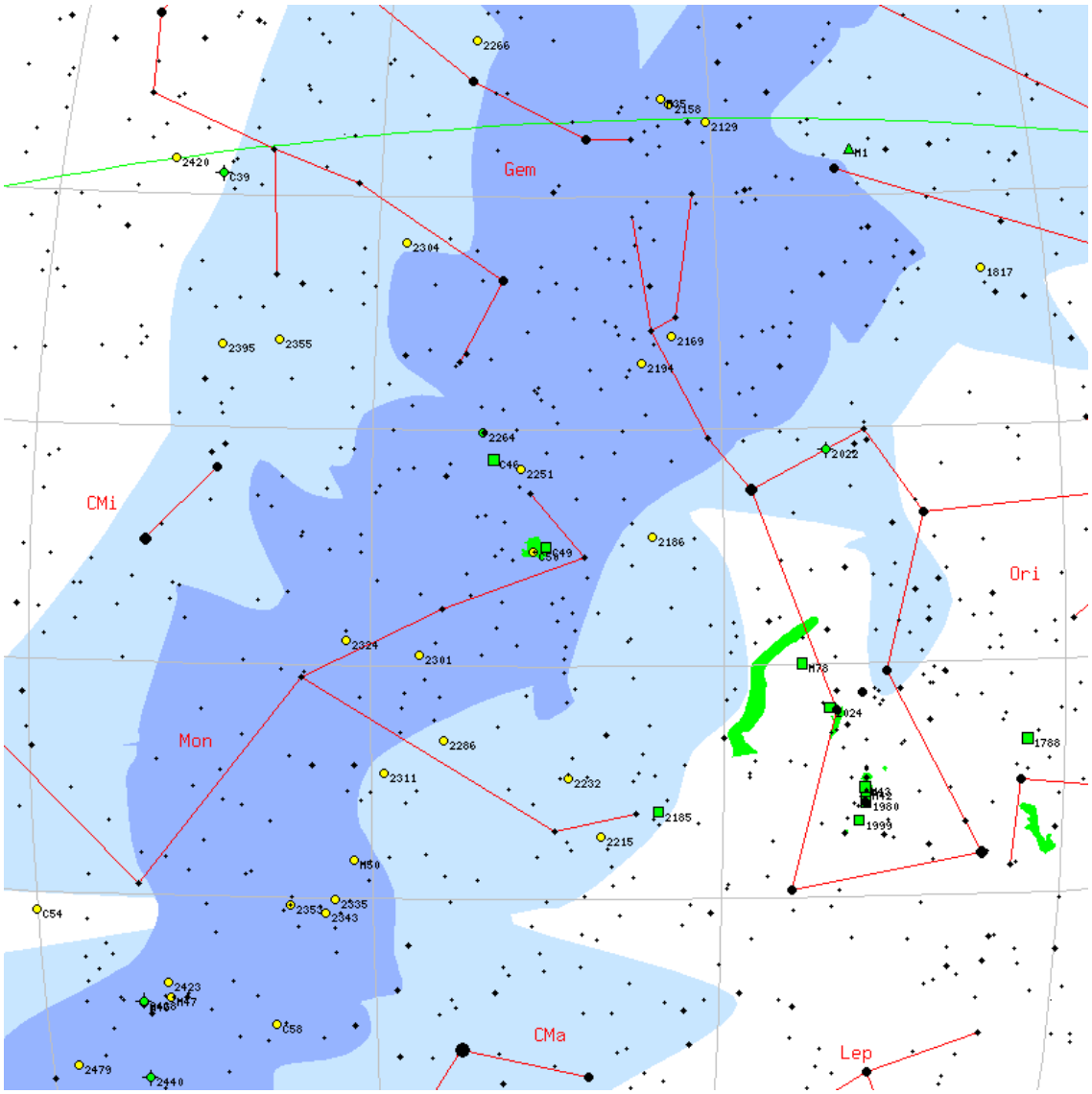
C48

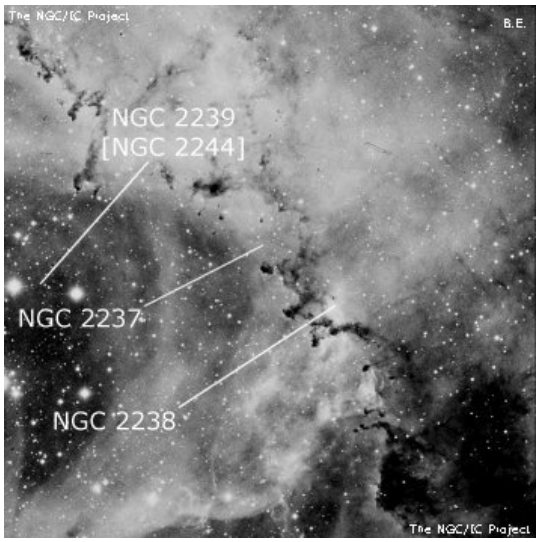
M	C48	**ID**	NGC2775
Constellation	Cnc	**Type**	Gx
Magnitude	10.3	**Size**	2.1 x 1.7
RA	09h 10m	**Dec**	+07d 01m
Name			
Description	cB, cL, R, vgvsmbM, r		





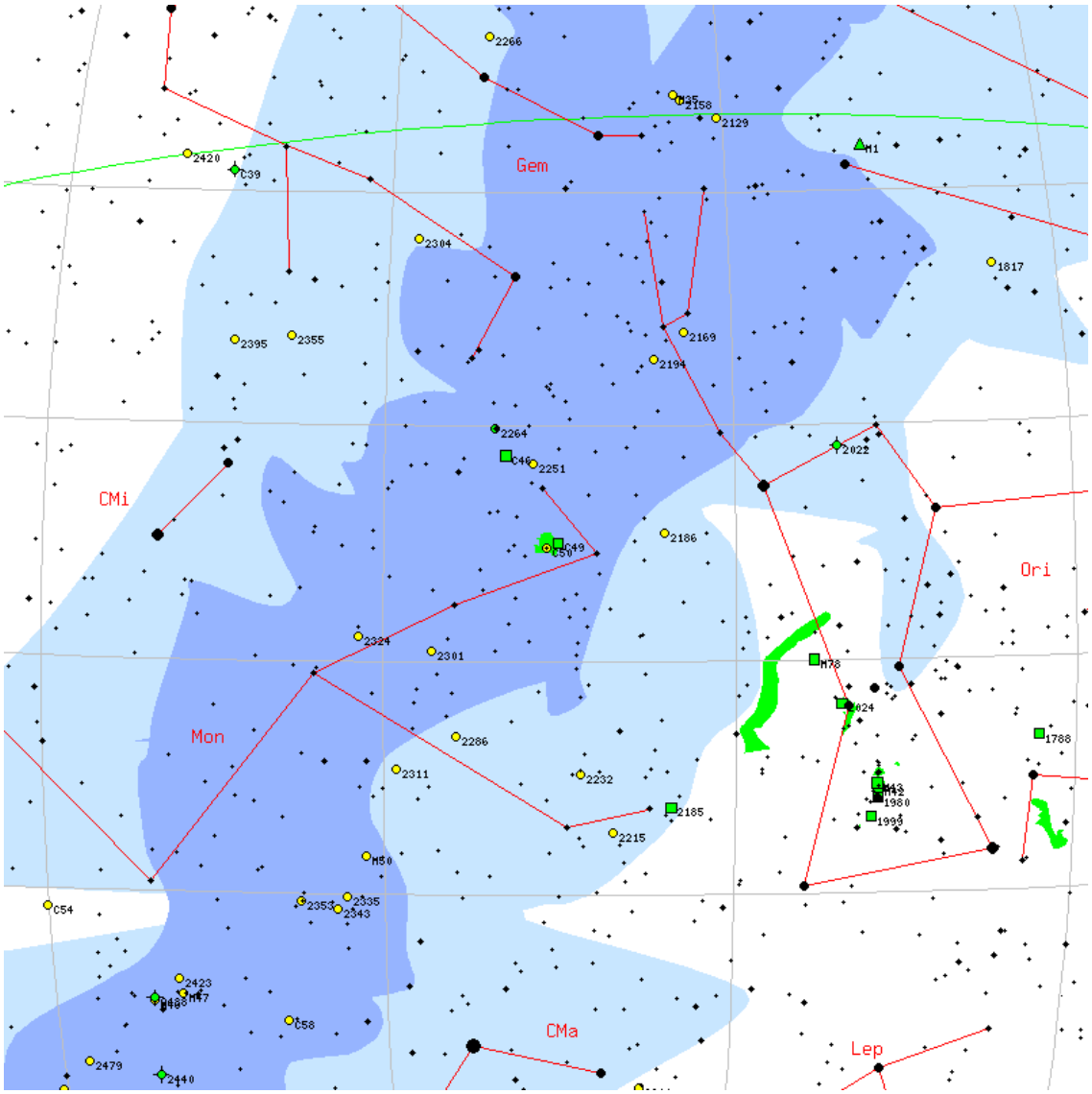
M	C49	**ID**	NGC2237
Constellation	Mon	**Type**	Nb
Magnitude	-	**Size**	x
RA	06h 30m	**Dec**	+05d 02m
Name	Rosette Nebula		
Description	pB, vvL, dif, part of eL nebs ring ar 2239		

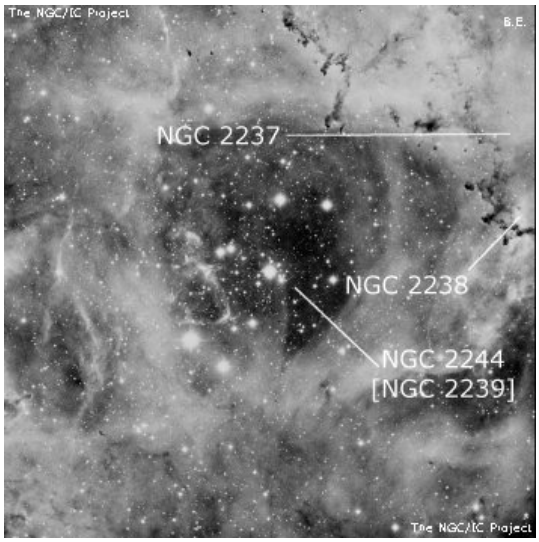




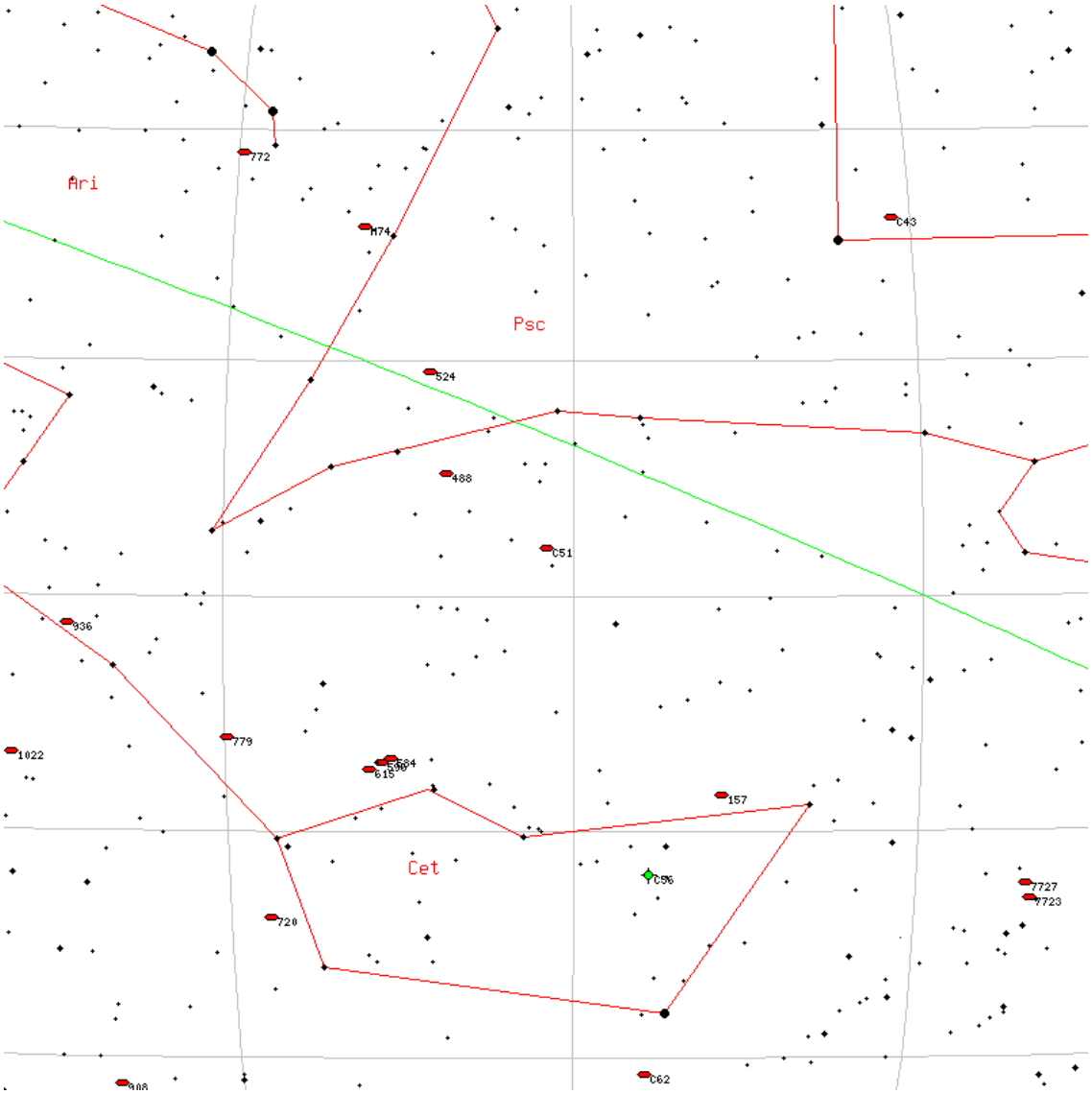
C50

M	C50	**ID**	NGC2244
Constellation	Mon	**Type**	OC
Magnitude	4.8	**Size**	24 x 24
RA	06h 32m	**Dec**	+04d 52m
Name	Rosette Nebula		
Description	Cl, beautiful, st sc (12 Mon)		



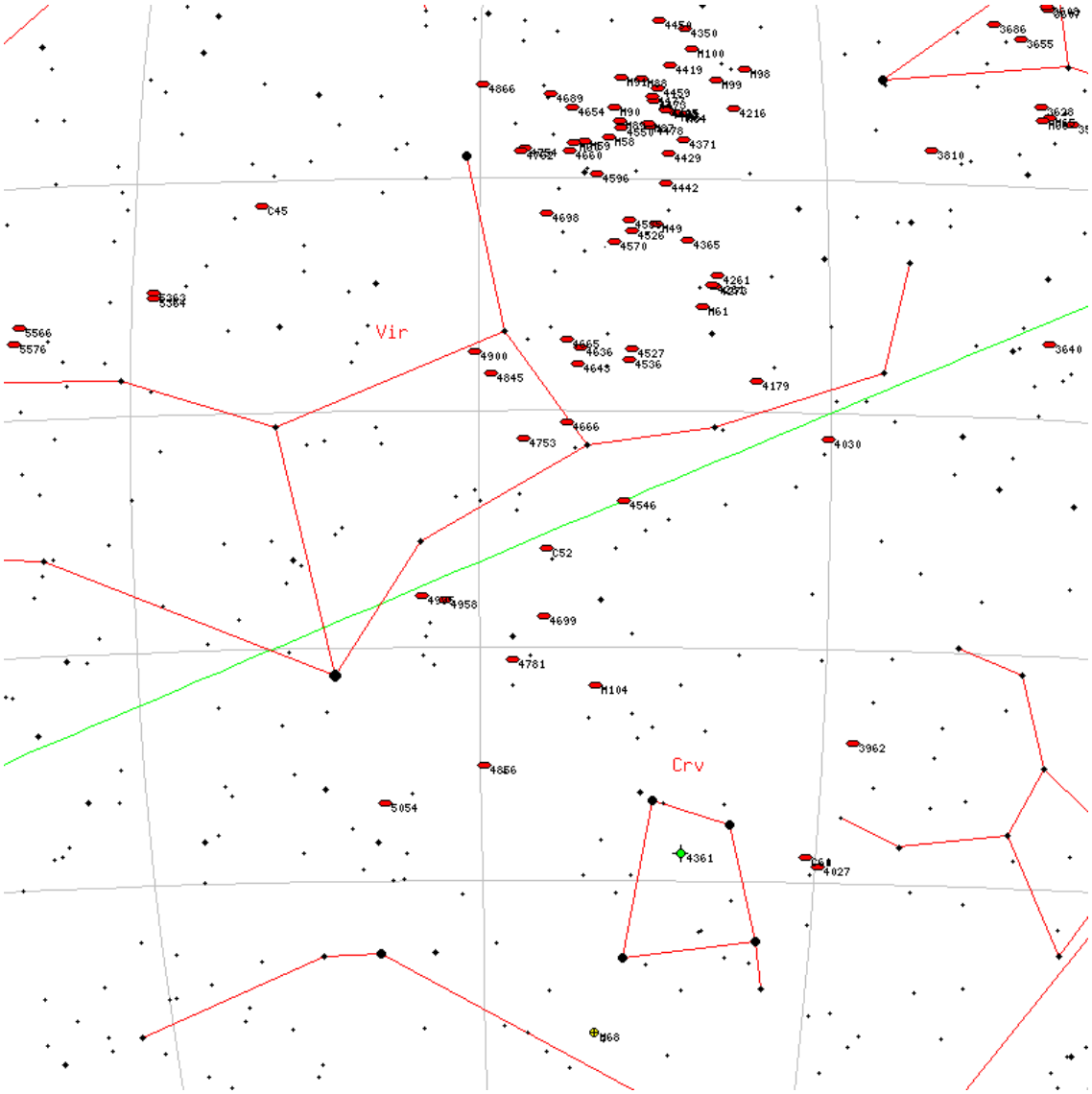


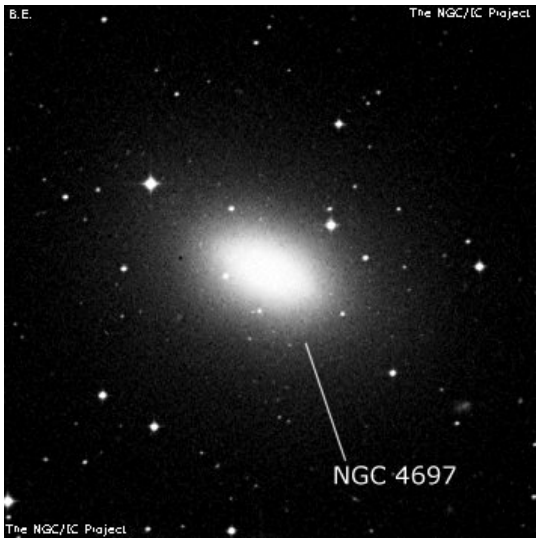
M	C51	ID	IC1613
Constellation	Cet	Type	Gx
Magnitude	9.3	Size	8.1 x 7.2
RA	01h 04m	Dec	+02d 07m
Name	The Scarecrow		
Description	F, eeL		



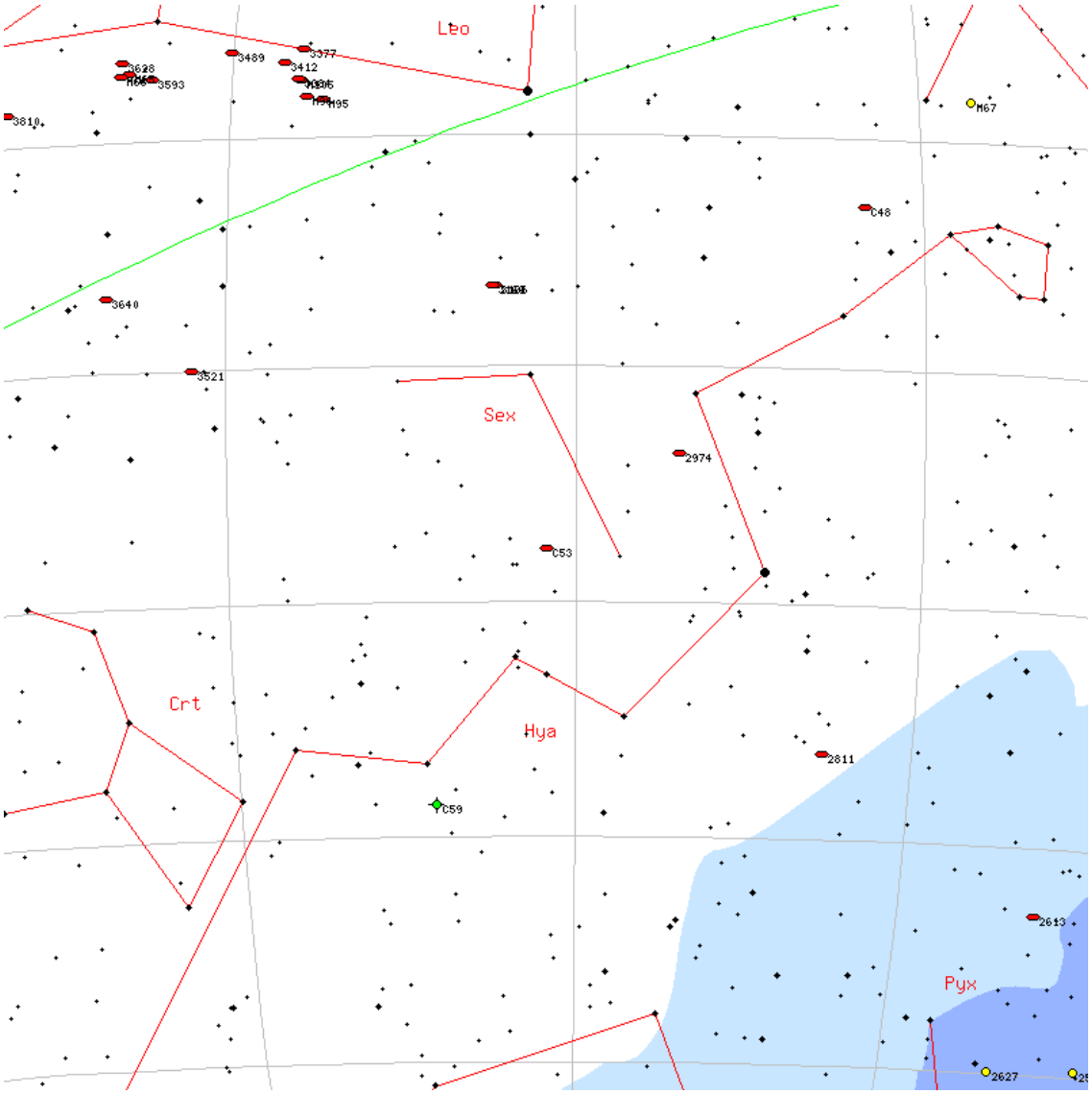
C52

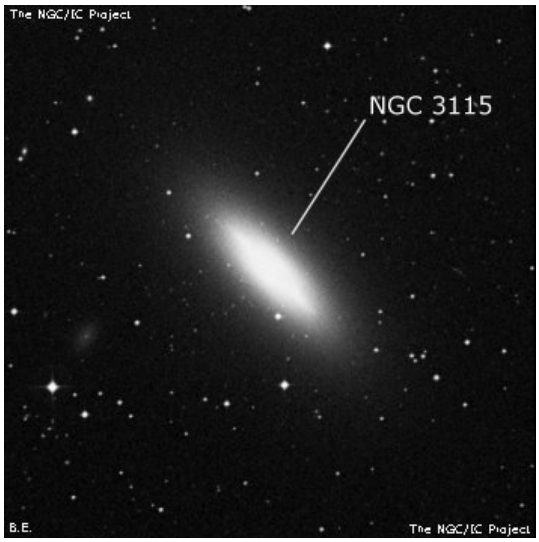
M	C52	**ID**	NGC4697
Constellation	Vir	**Type**	Gx
Magnitude	9.3	**Size**	3.6 x 2.3
RA	12h 48m	**Dec**	-05d 47m
Name			
Description	vB, L, IE 45deg +/- , smbMN		





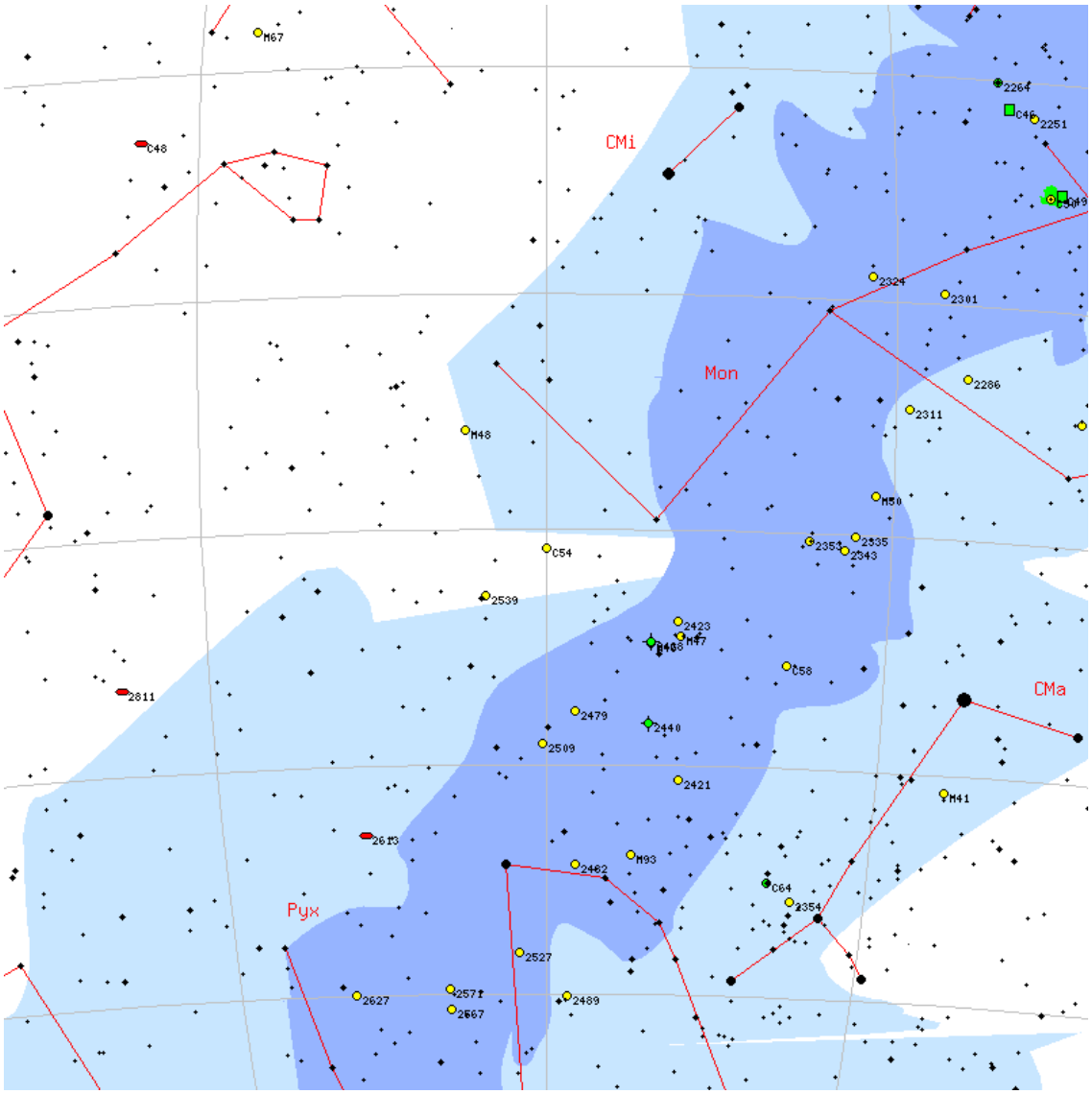
M	C53	**ID**	NGC3115
Constellation	Sex	**Type**	Gx
Magnitude	9.2	**Size**	3.6 x 1.2
RA	10h 05m	**Dec**	-07d 43m
Name	Spindle Galaxy		
Description	vB, L, vmE 46deg , vgsmbMEN		

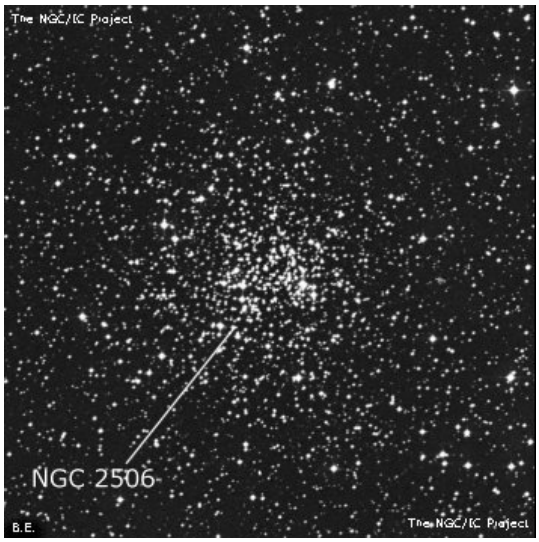




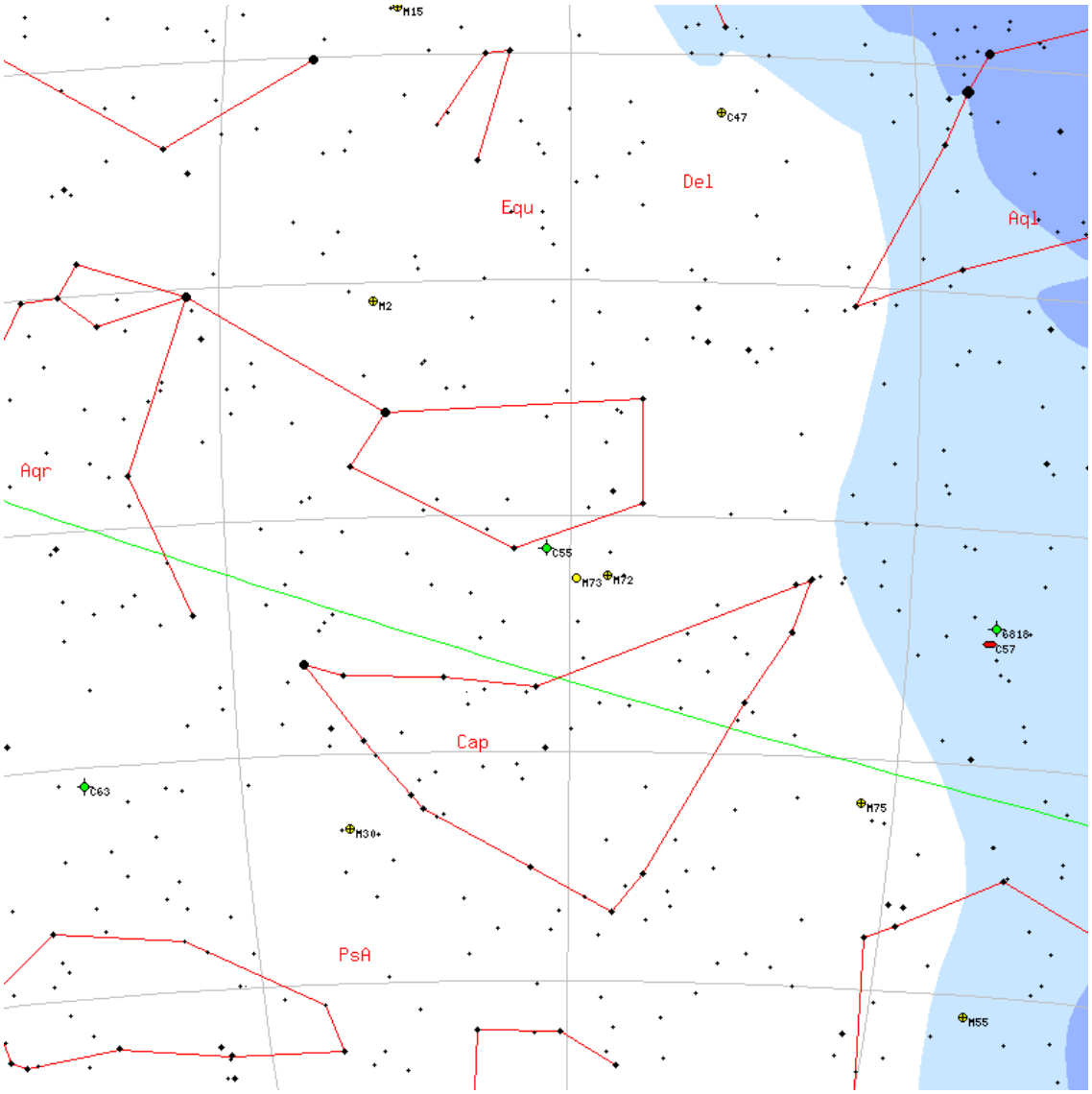
C54

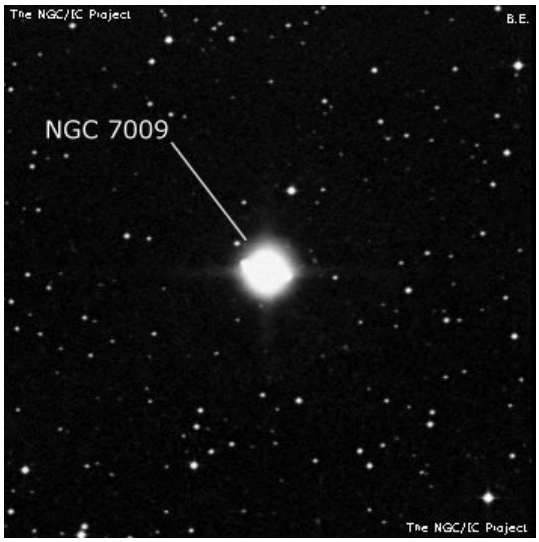
M	C54	**ID**	NGC2506
Constellation	Mon	**Type**	OC
Magnitude	7.6	**Size**	7 x 7
RA	08h 00m	**Dec**	-10d 46m
Name			
Description	Cl, pL, vRi, C, st 11...20		





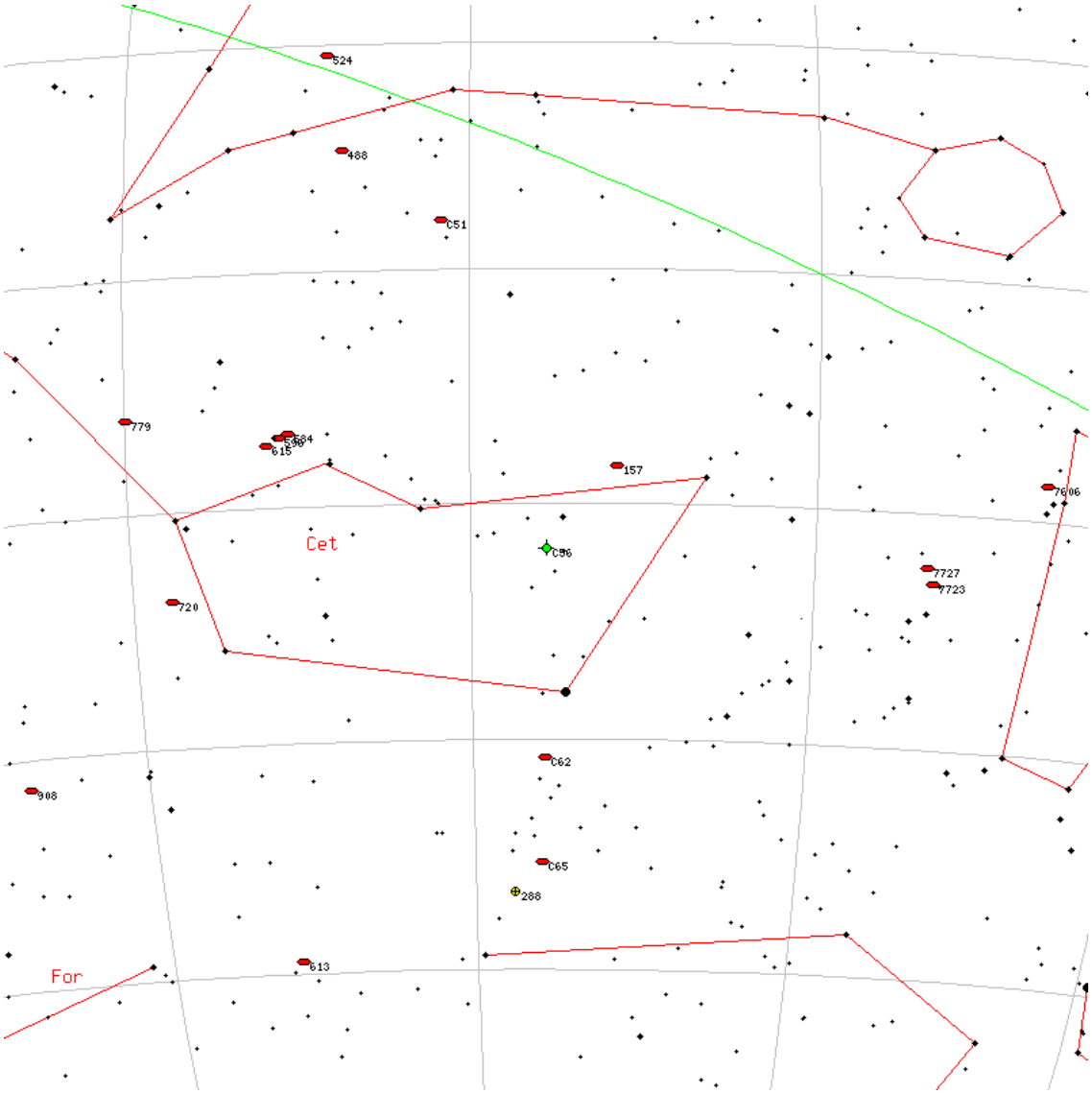
M	C55	**ID**	NGC7009
Constellation	Aqr	**Type**	Pl
Magnitude	8	**Size**	1.7 x 1.7
RA	21h 04m	**Dec**	-11d 22m
Name	Saturn Nebula		
Description	!!!, PN , vB, S, elliptic		

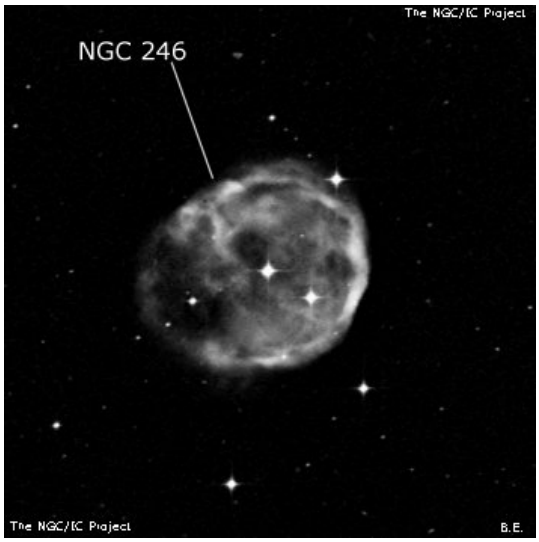




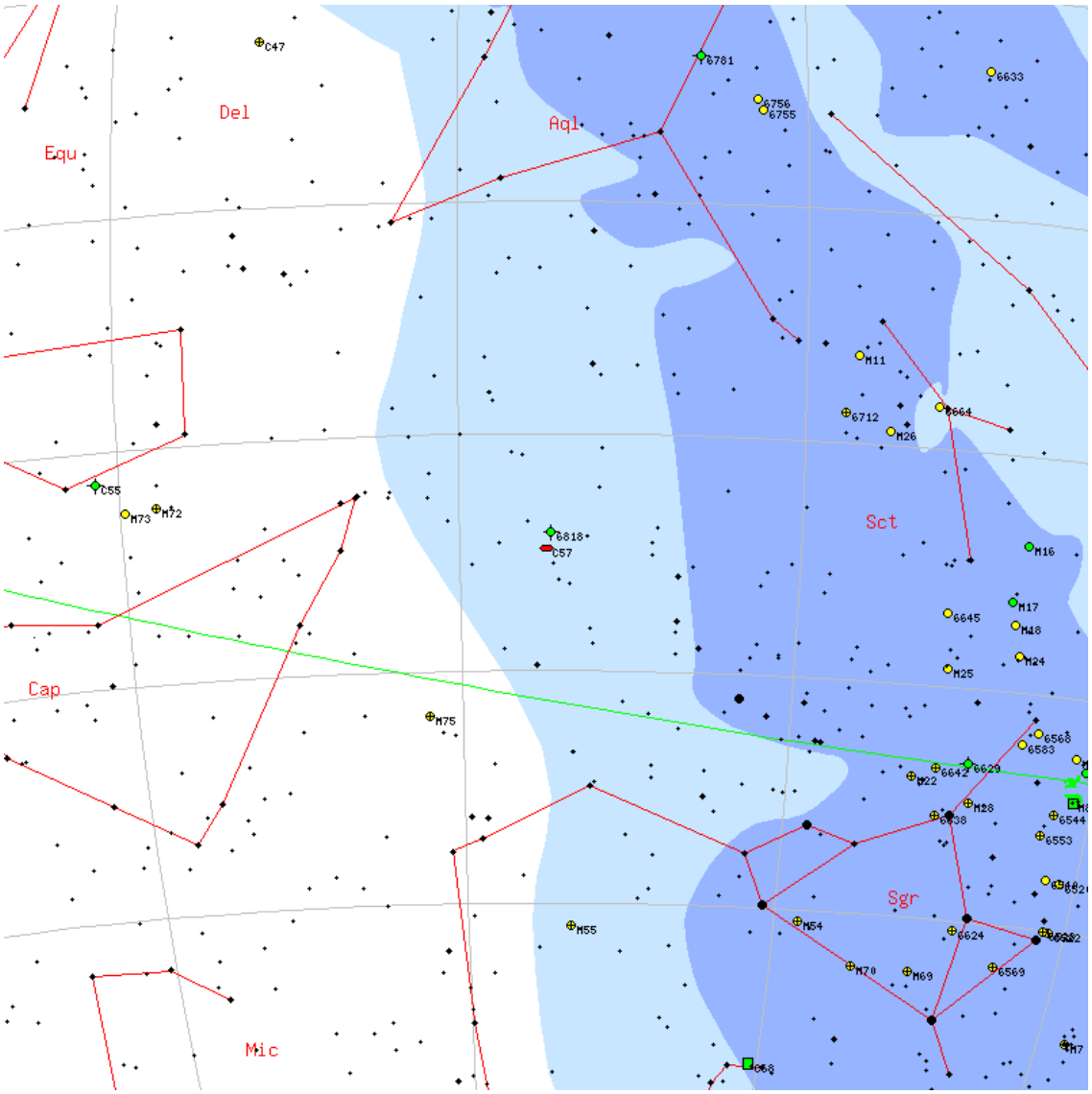
C56

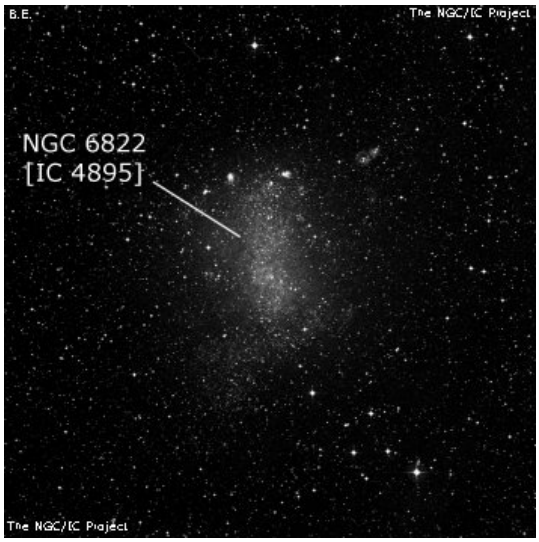
M	C56	**ID**	NGC246
Constellation	Cet	**Type**	Pl
Magnitude	8	**Size**	3.8 x 3.8
RA	00h 46m	**Dec**	-11d 52m
Name	Cetus Bubble/Skull Nebula/Pac-Man Nebula		
Description	vF, L, 4 st in dif neb		





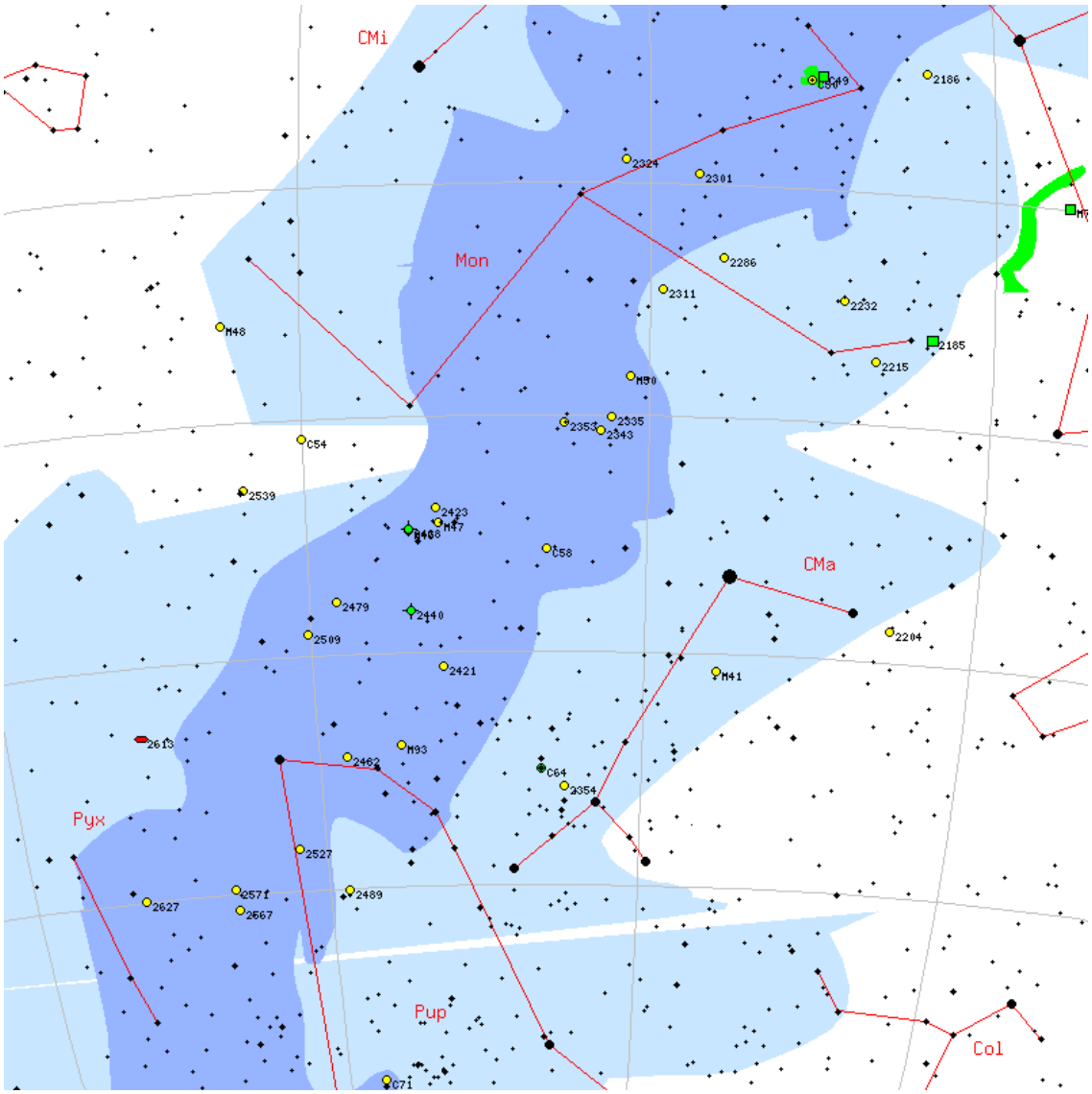
M	C57	**ID**	NGC6822
Constellation	Sgr	**Type**	Gx
Magnitude	9	**Size**	10.2 x 10.2
RA	19h 44m	**Dec**	-14d 48m
Name	Barnard's Galaxy		
Description	vF, vS, E, dif; = IC 4895		

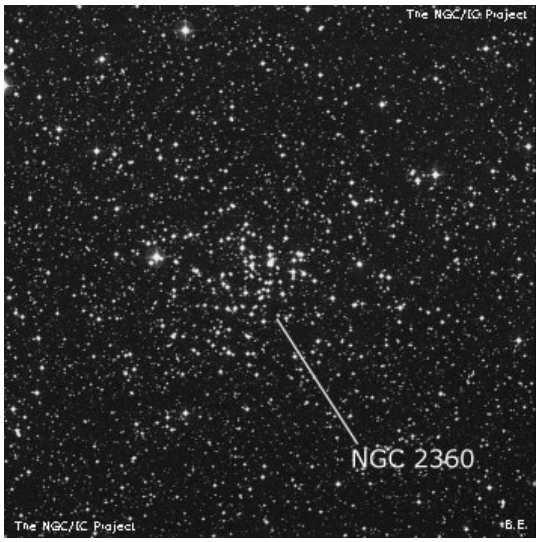




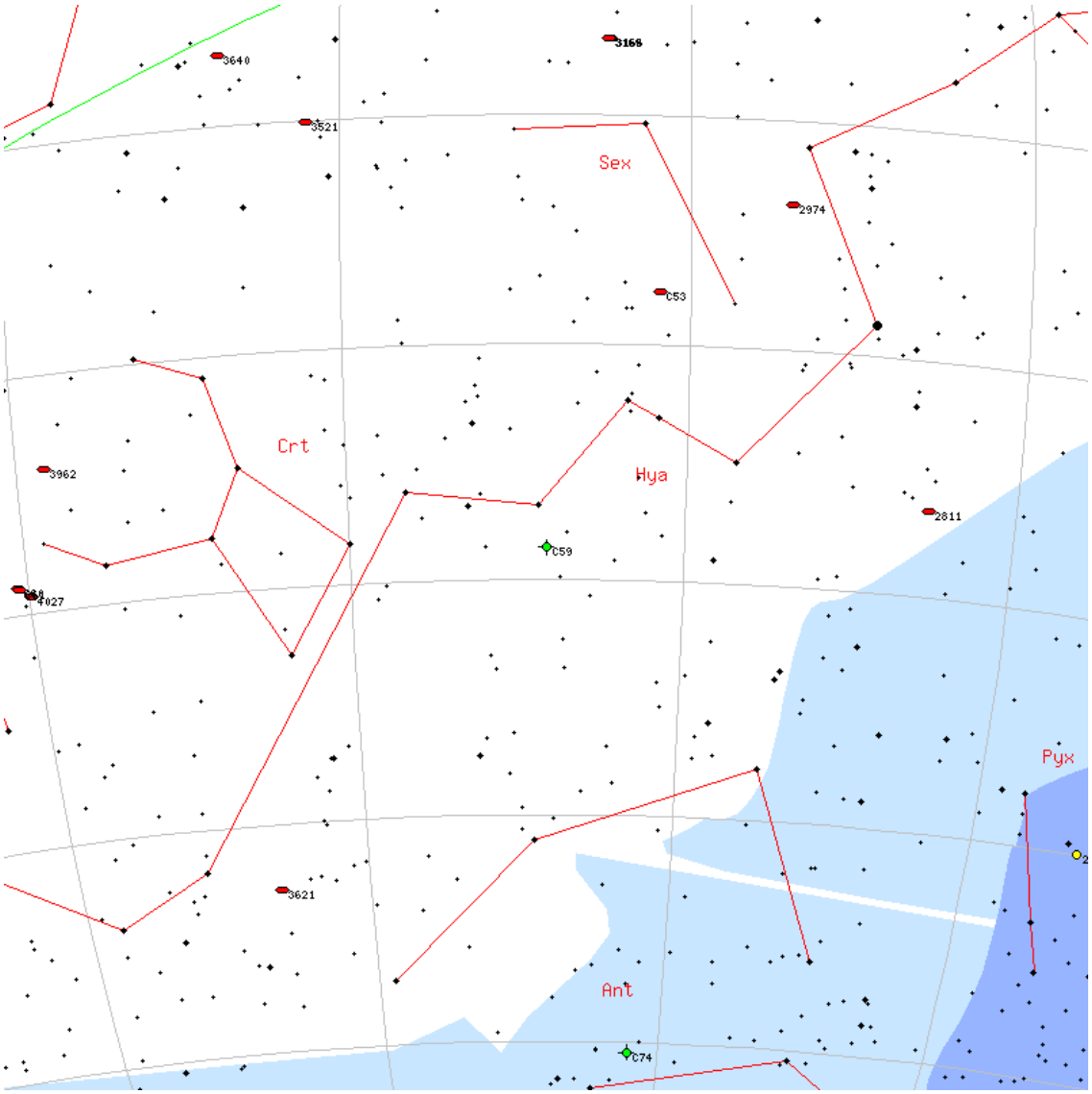
C58

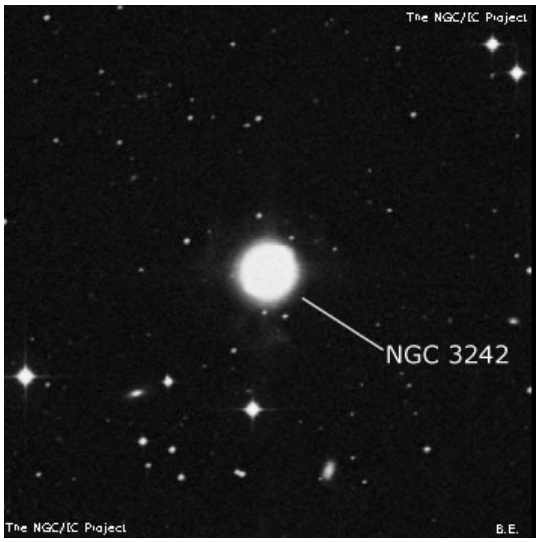
M	C58	**ID**	NGC2360
Constellation	CMa	**Type**	OC
Magnitude	7.2	**Size**	13 x 13
RA	07h 17m	**Dec**	-15d 37m
Name			
Description	Cl, vL, Ri, pC, st 9...12		





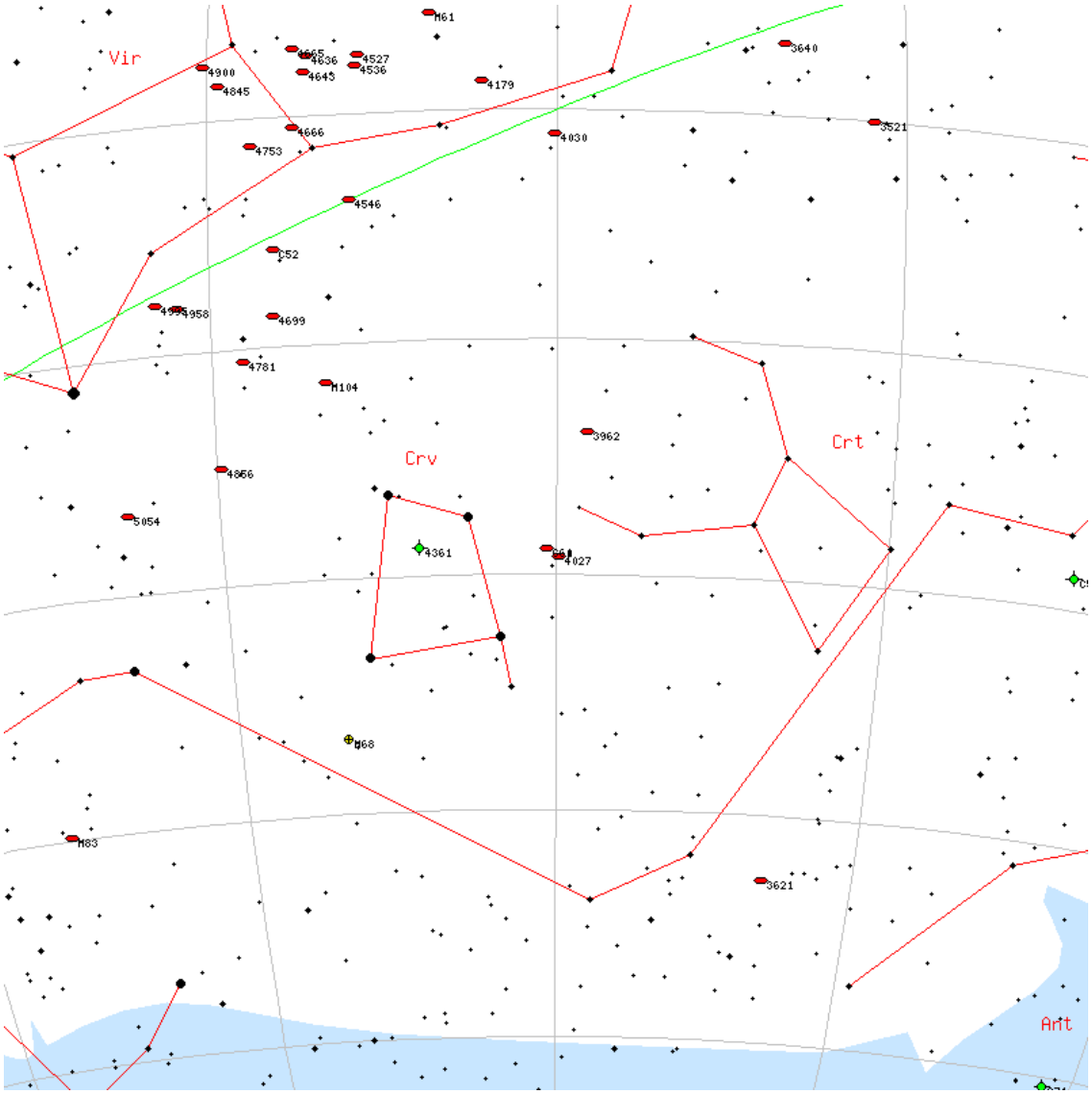
M	C59	**ID**	NGC3242
Constellation	Hya	**Type**	Pl
Magnitude	9	**Size**	20.8 x 20.8
RA	10h 24m	**Dec**	-18d 37m
Name	CBS Eye/Diamond Nebula/Ghost of Jupiter		
Description	! PN , vB, IE 147deg , 45" d, blue		

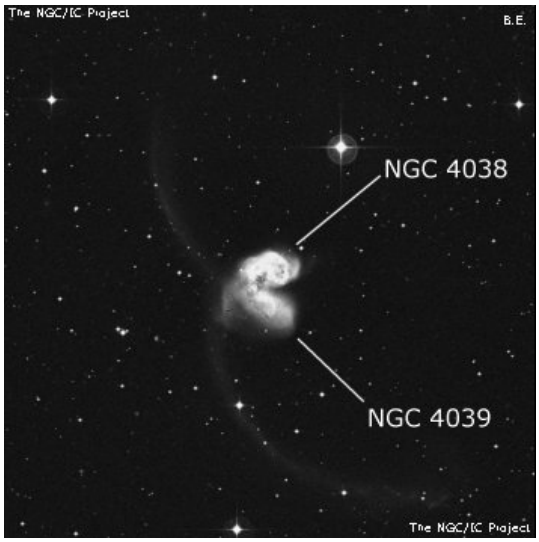




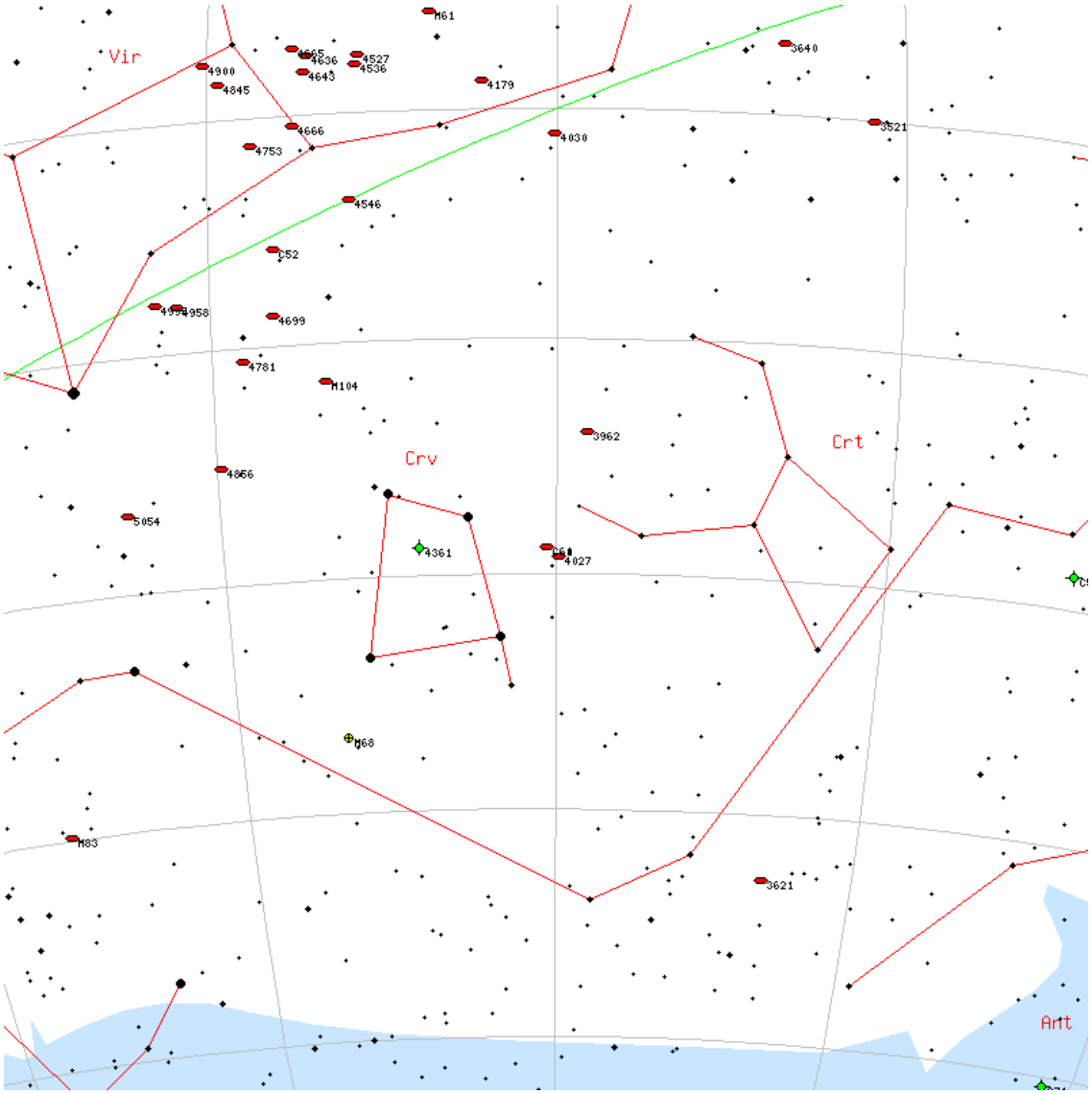
C60

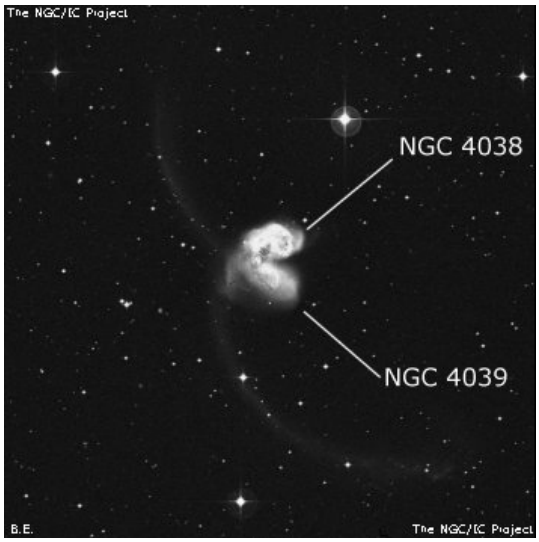
M	C60	**ID**	NGC4038
Constellation	Crv	**Type**	Gx
Magnitude	10.7	**Size**	2.6 x 1.6
RA	12h 01m	**Dec**	-18d 52m
Name	Antennae or Ring-Tail galaxy		
Description	pB, cL, R, vgbM		





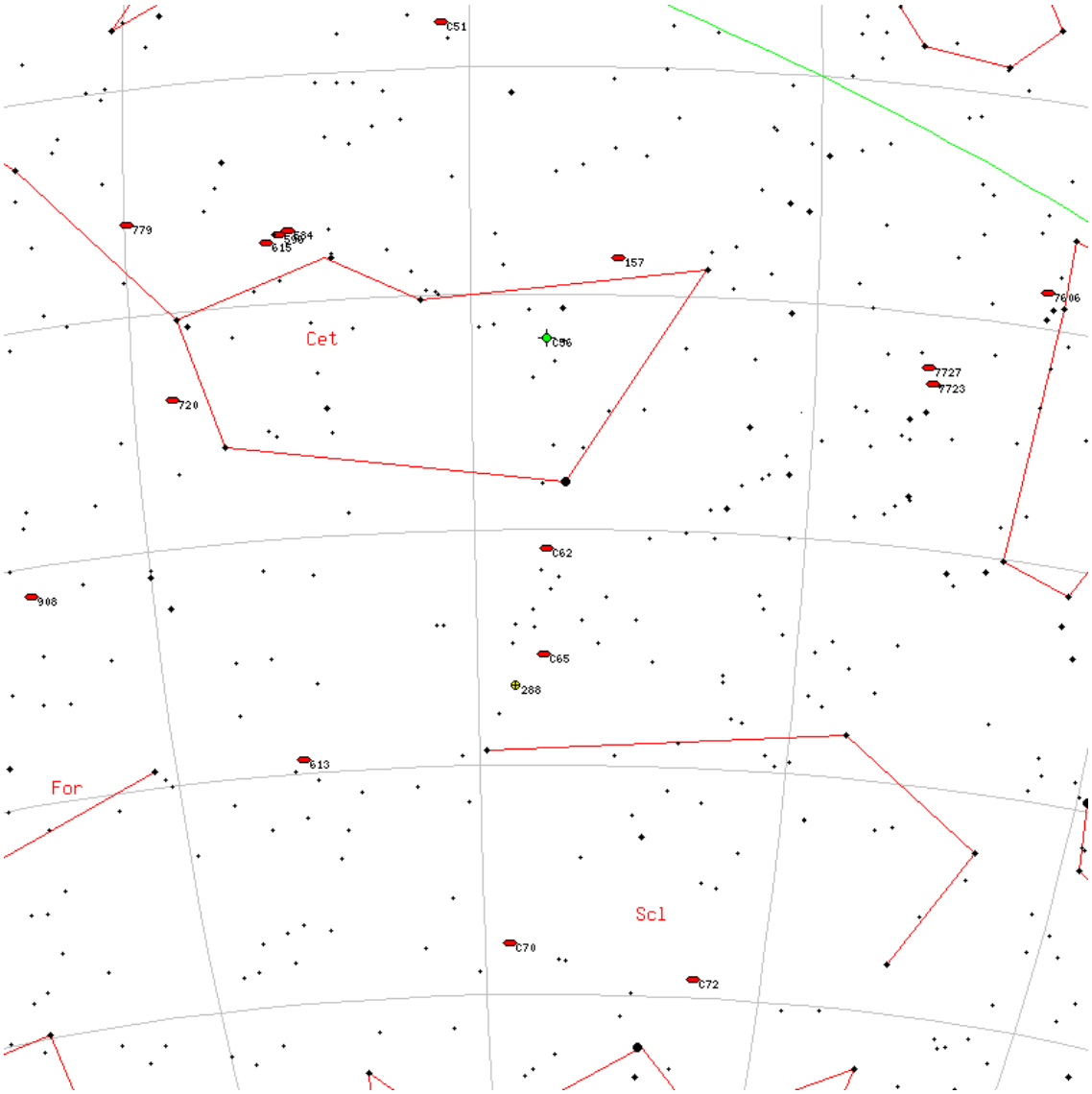
M	C61	**ID**	NGC4039
Constellation	Crv	**Type**	Gx
Magnitude	13	**Size**	1.6 x 0.8
RA	12h 01m	**Dec**	-18d 52m
Name	Antennae or Ring-Tail galaxy		
Description	pF, pL		

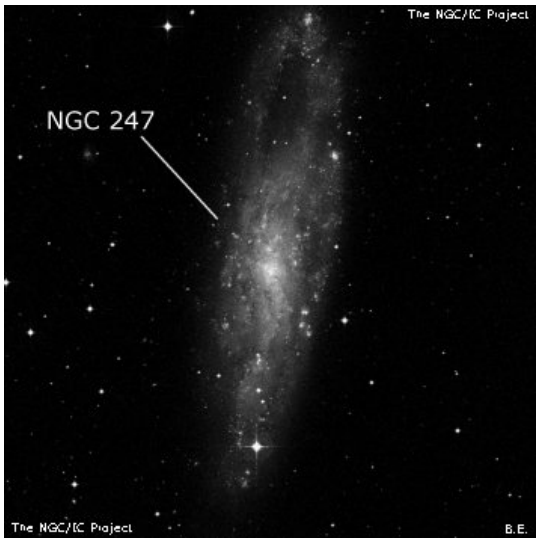




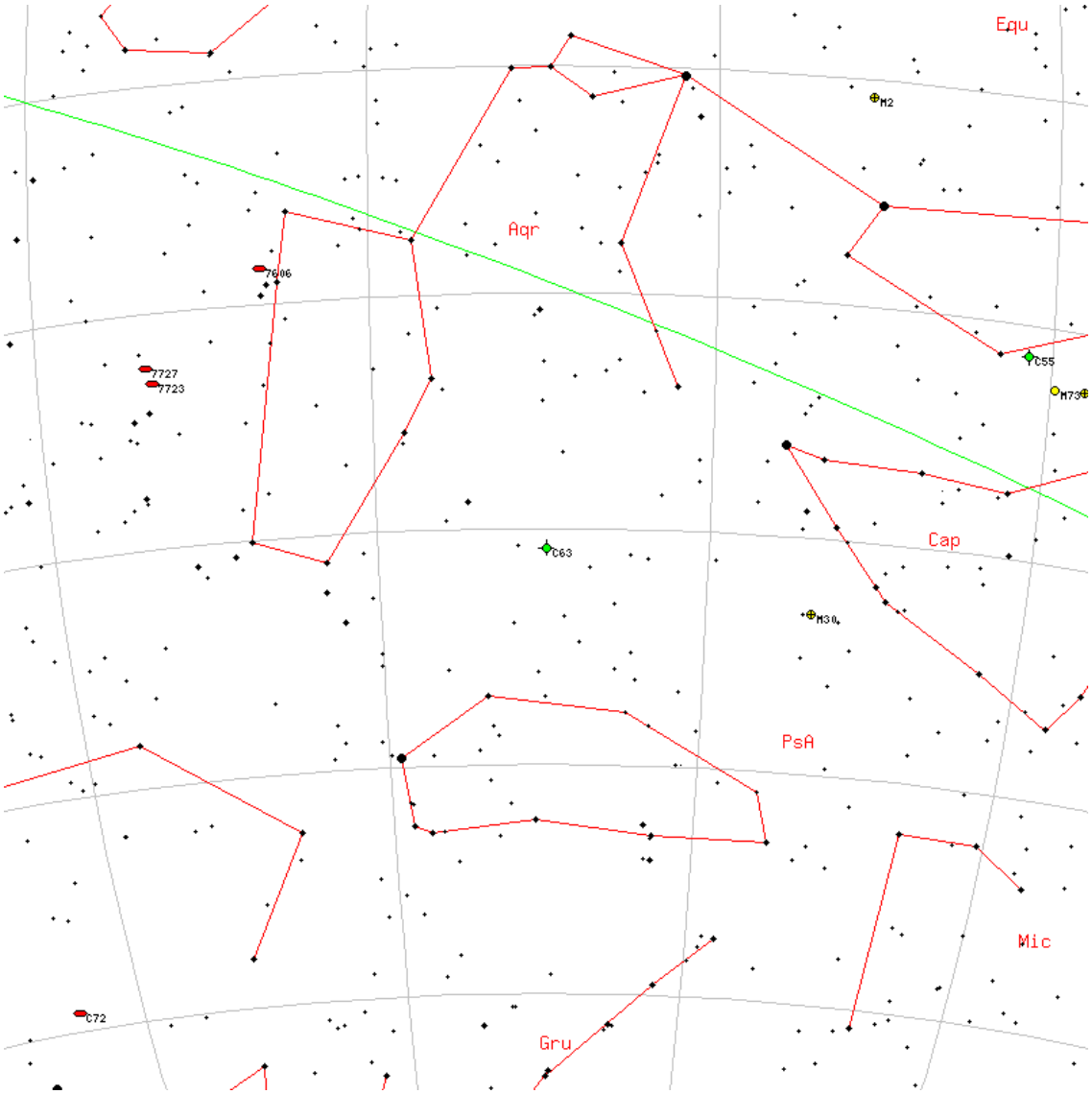
C62

M	C62	**ID**	NGC247
Constellation	Cet	**Type**	Gx
Magnitude	8.9	**Size**	10.7 x 3.5
RA	00h 47m	**Dec**	-20d 46m
Name	Milkweed Seed Galaxy		
Description	F, eL, vmE 172deg		



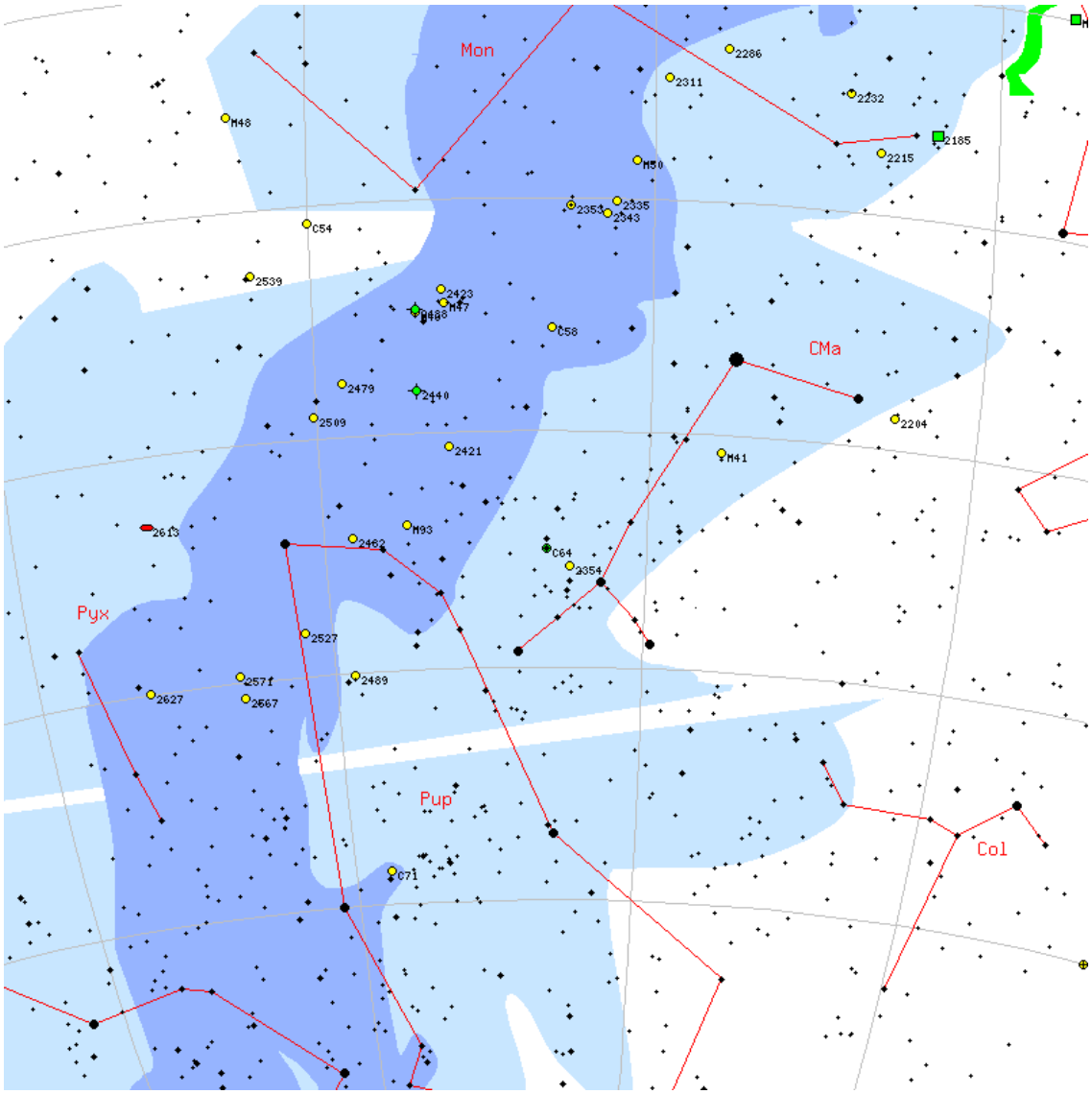


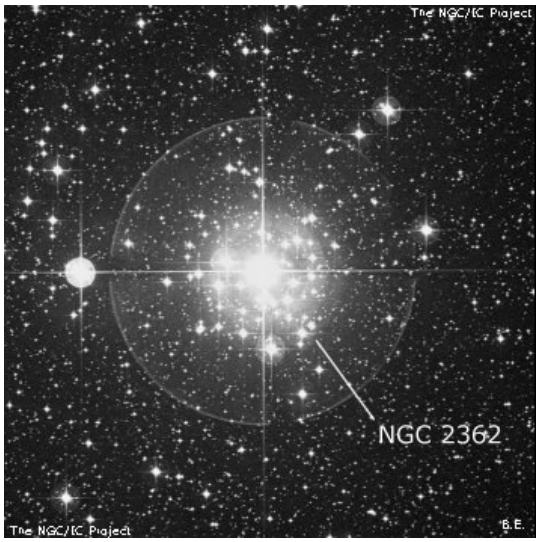
M	C63	**ID**	NGC7293
Constellation	Aqr	**Type**	Pl
Magnitude	-	**Size**	12.8 x 12.8
RA	22h 29m	**Dec**	-20d 48m
Name	Helix Nebula/Sunflower Nebula/Helical Nebula		
Description	! pF, vL, E or biN		



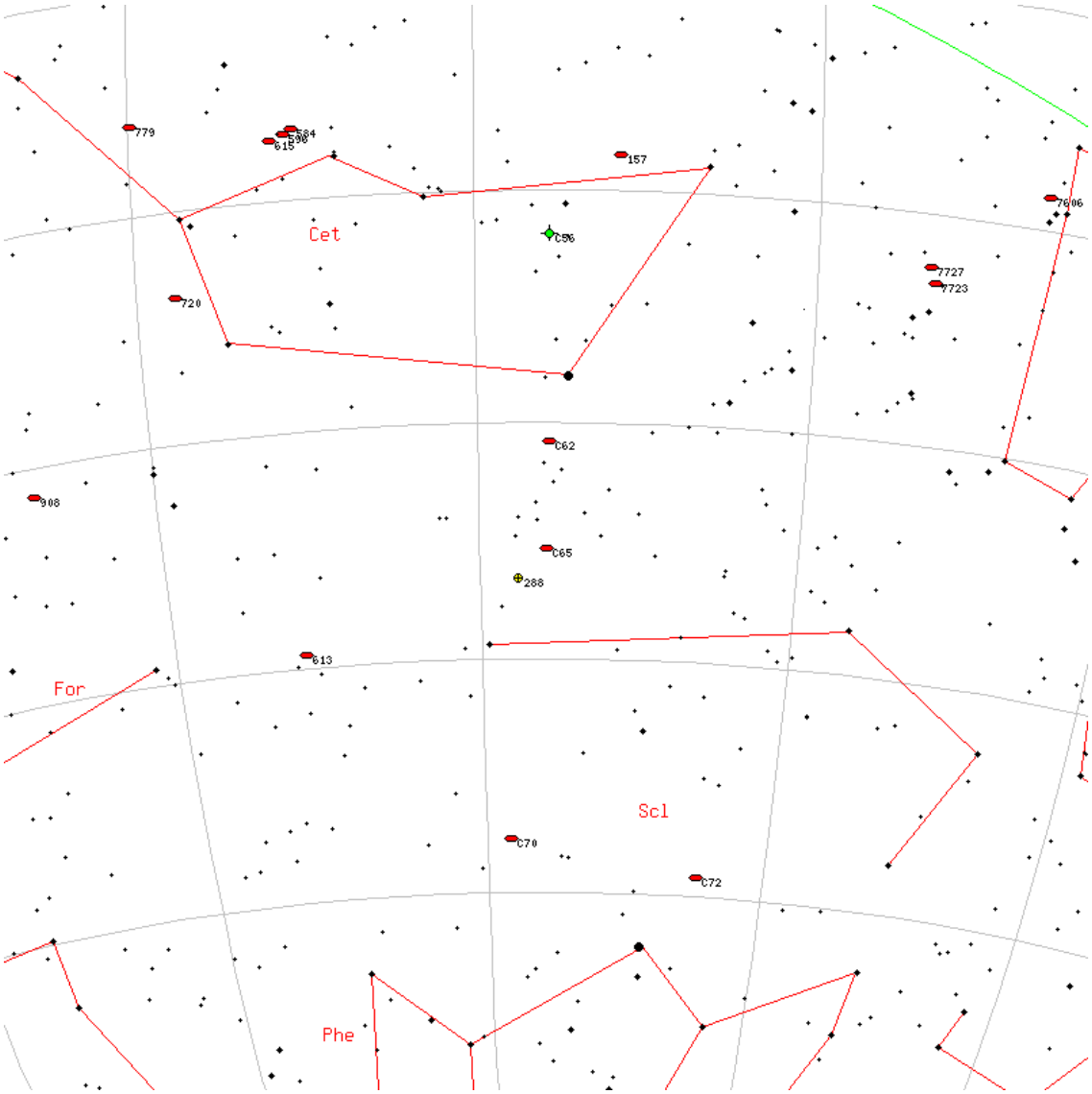
C64

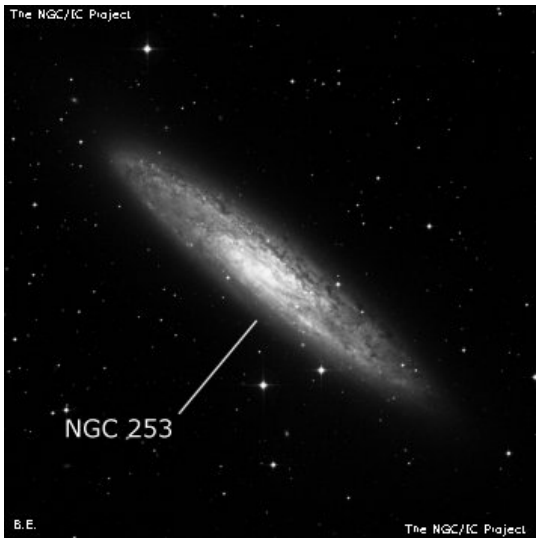
M	C64	**ID**	NGC2362
Constellation	CMa	**Type**	CN
Magnitude	4.1	**Size**	8 x 8
RA	07h 18m	**Dec**	-24d 56m
Name	Tau CMa Cluster		
Description	Cl, pL, Ri (30 CMa)		





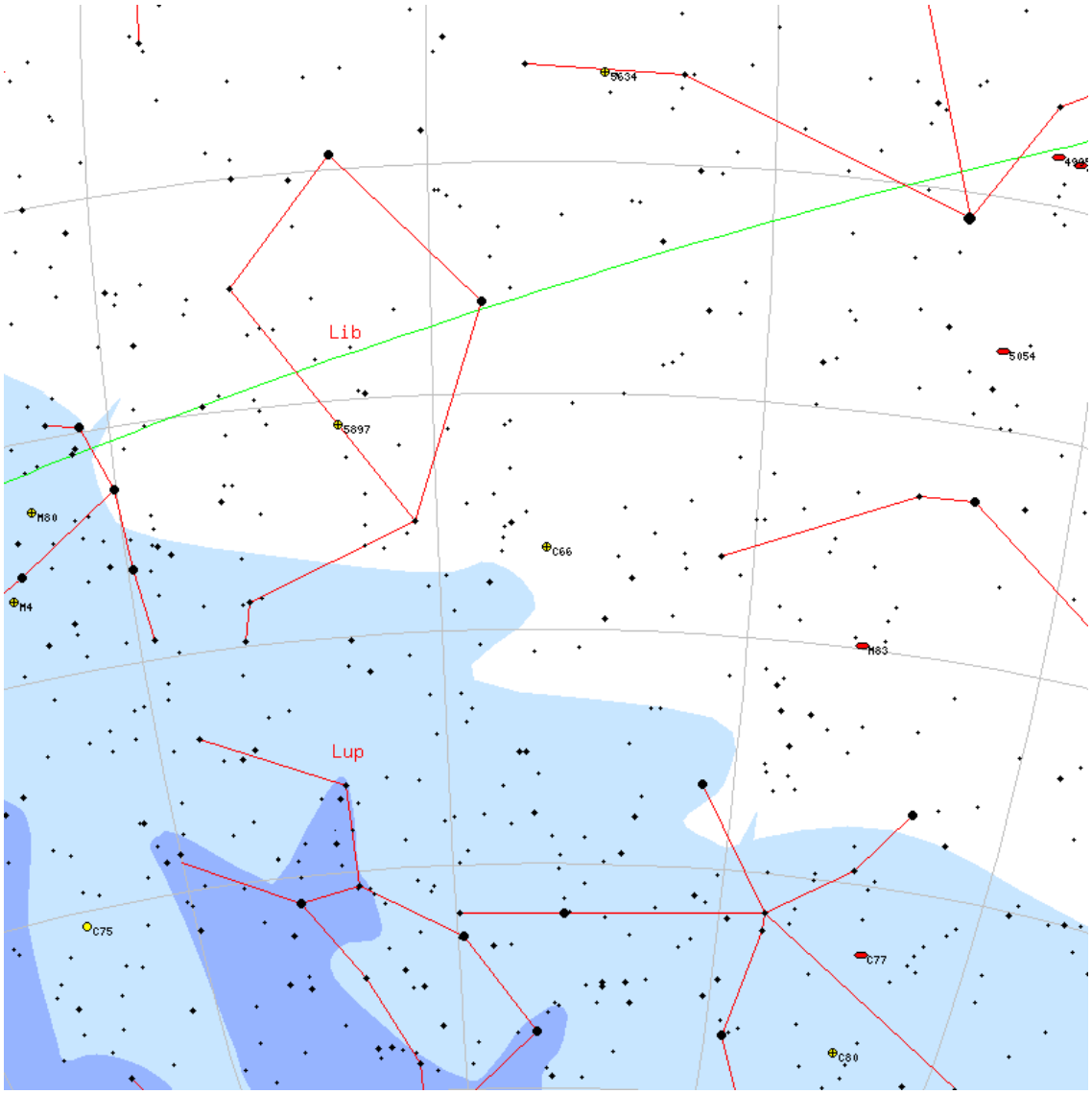
M	C65	**ID**	NGC253
Constellation	Scl	**Type**	Gx
Magnitude	7.1	**Size**	13.8 x 3.4
RA	00h 47m	**Dec**	-25d 16m
Name	Sculptor Galaxy/Silver Coin Galaxy		
Description	!! vvB, vvL, vmE 54deg , gbM		

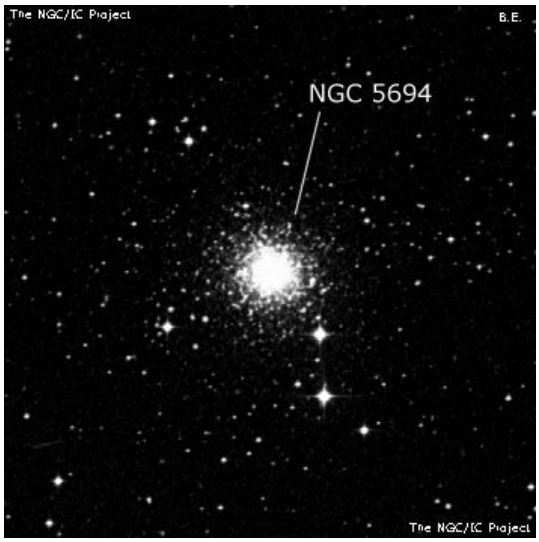




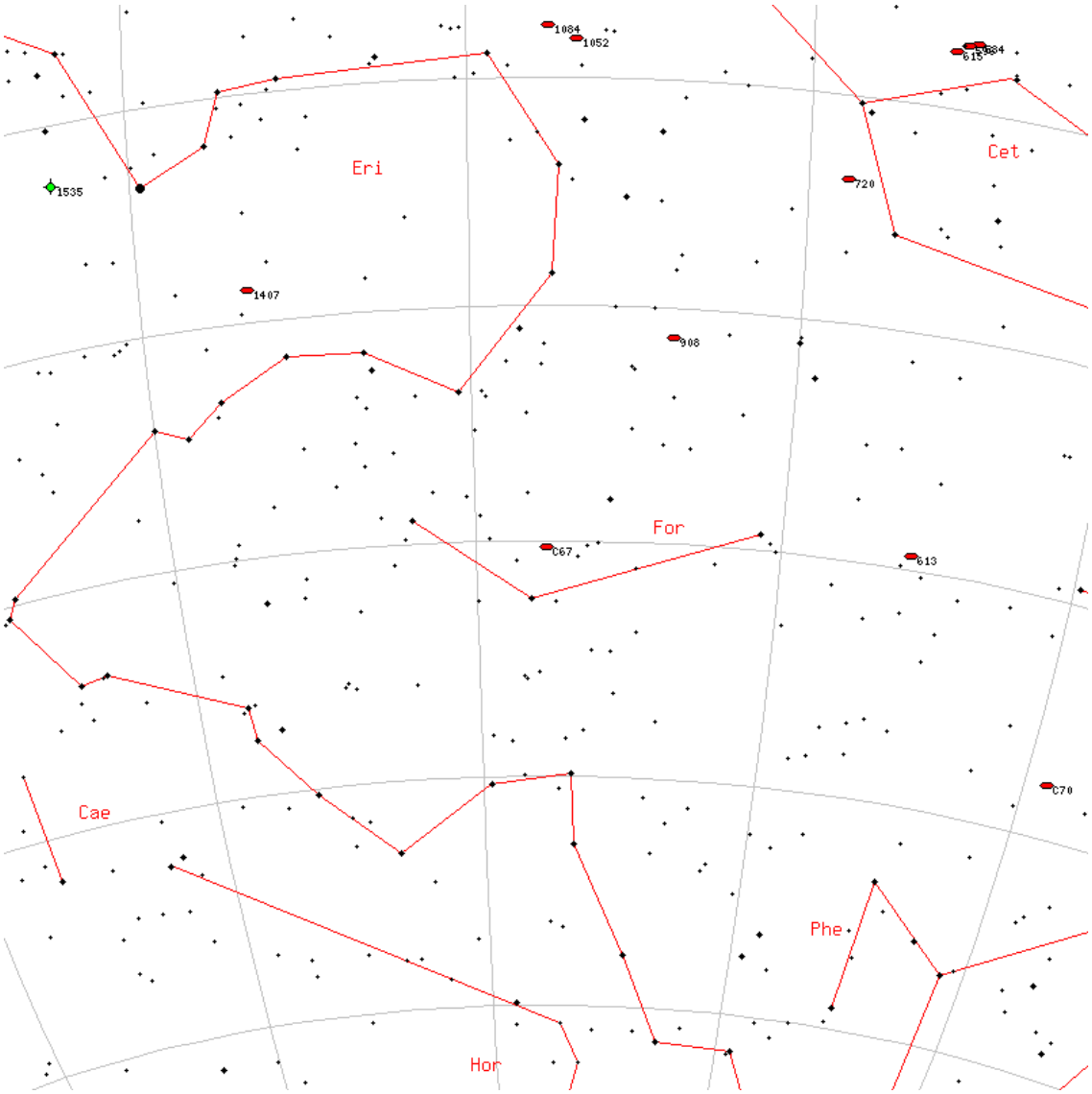
C66

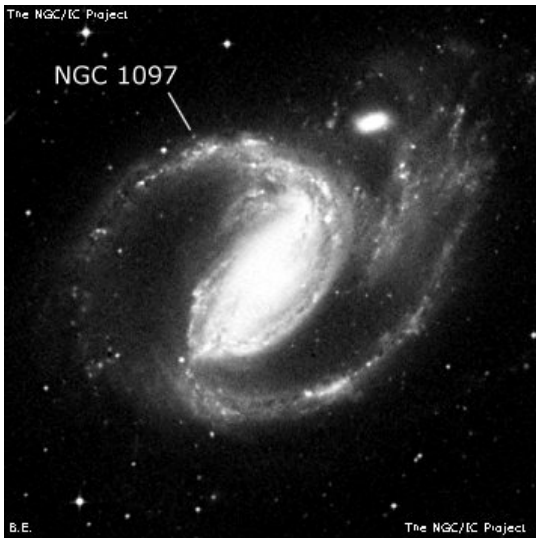
M	C66	**ID**	NGC5694
Constellation	Hya	**Type**	Gb
Magnitude	10.2	**Size**	3.6 x 3.6
RA	14h 39m	**Dec**	-26d 31m
Name			
Description	cB, cS, R, psbM, r, *9.5 sp		





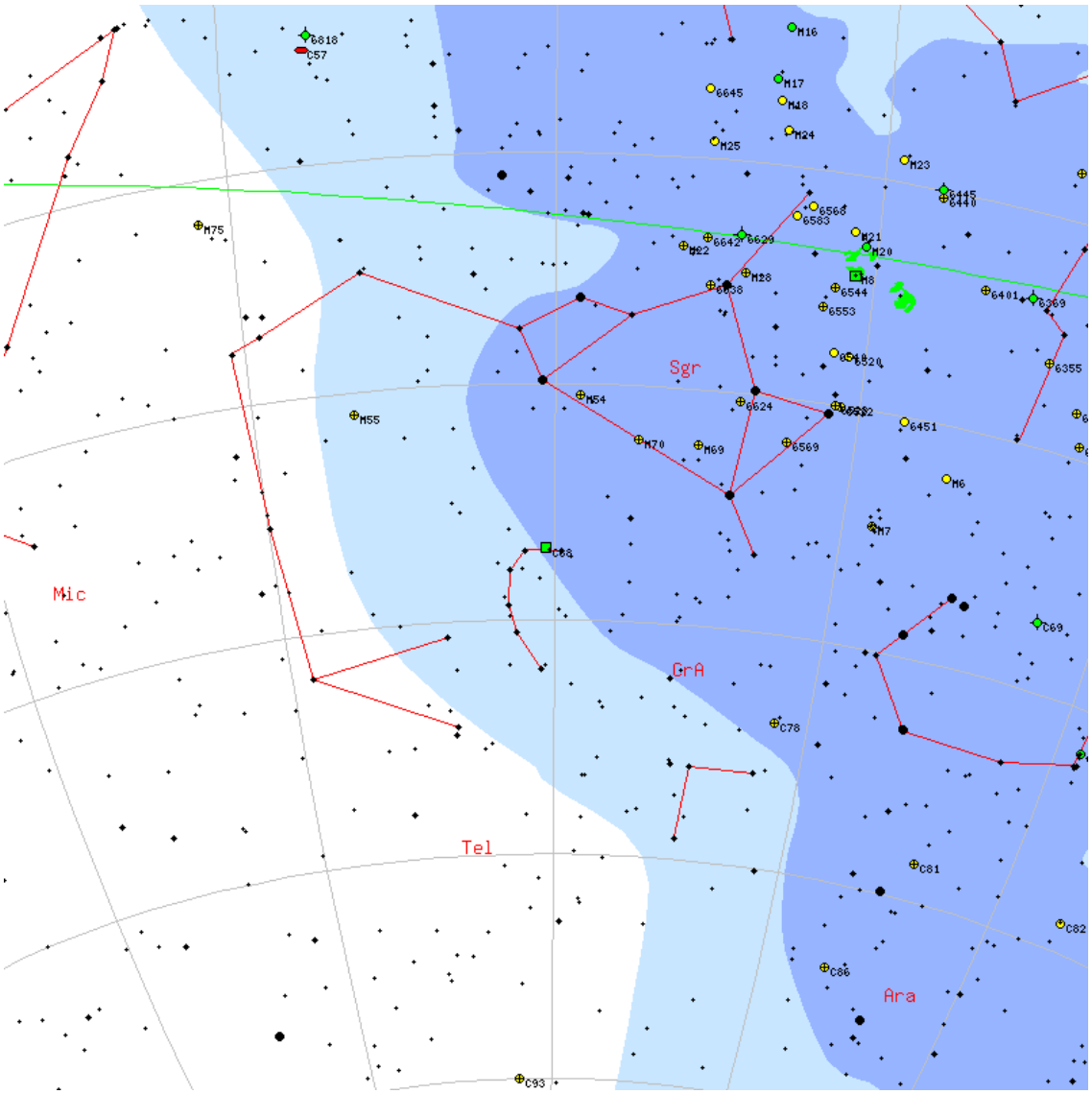
M	C67	**ID**	NGC1097
Constellation	For	**Type**	Gx
Magnitude	9.3	**Size**	0.4 x 0.2
RA	02h 46m	**Dec**	-30d 16m
Name			
Description	vB, L, vmE 151deg , vbMN		

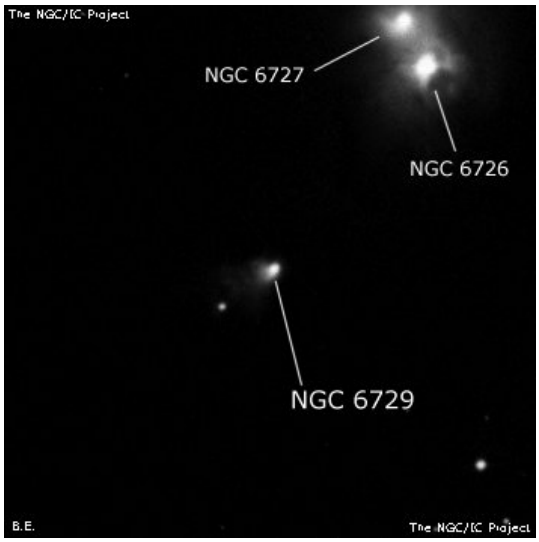




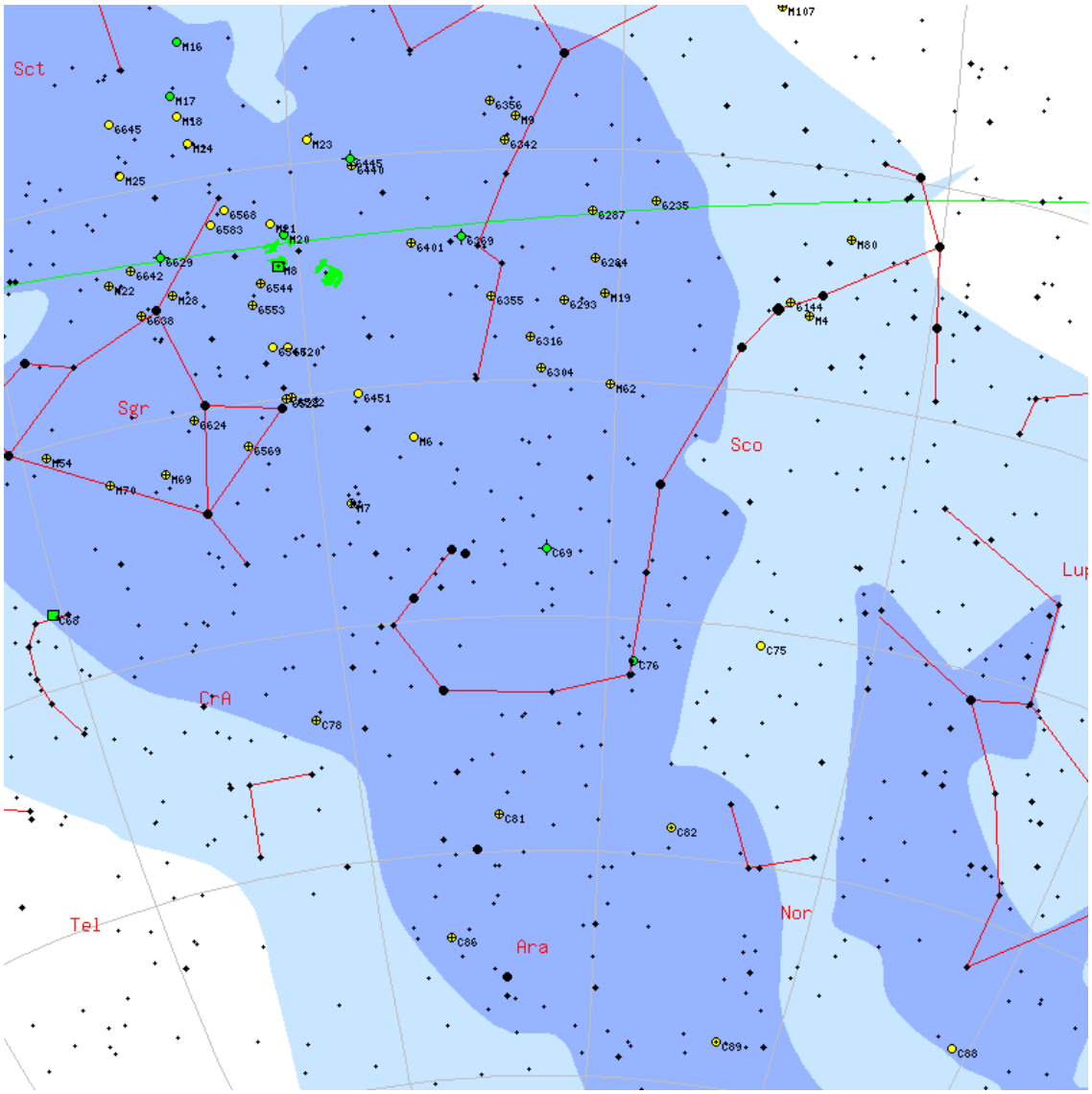
C68

M	C68	**ID**	NGC6729
Constellation	CrA	**Type**	Nb
Magnitude	-	**Size**	1 x 1
RA	19h 01m	**Dec**	-36d 57m
Name	R CrA Nebula		
Description	var* (11...) with neb!!		



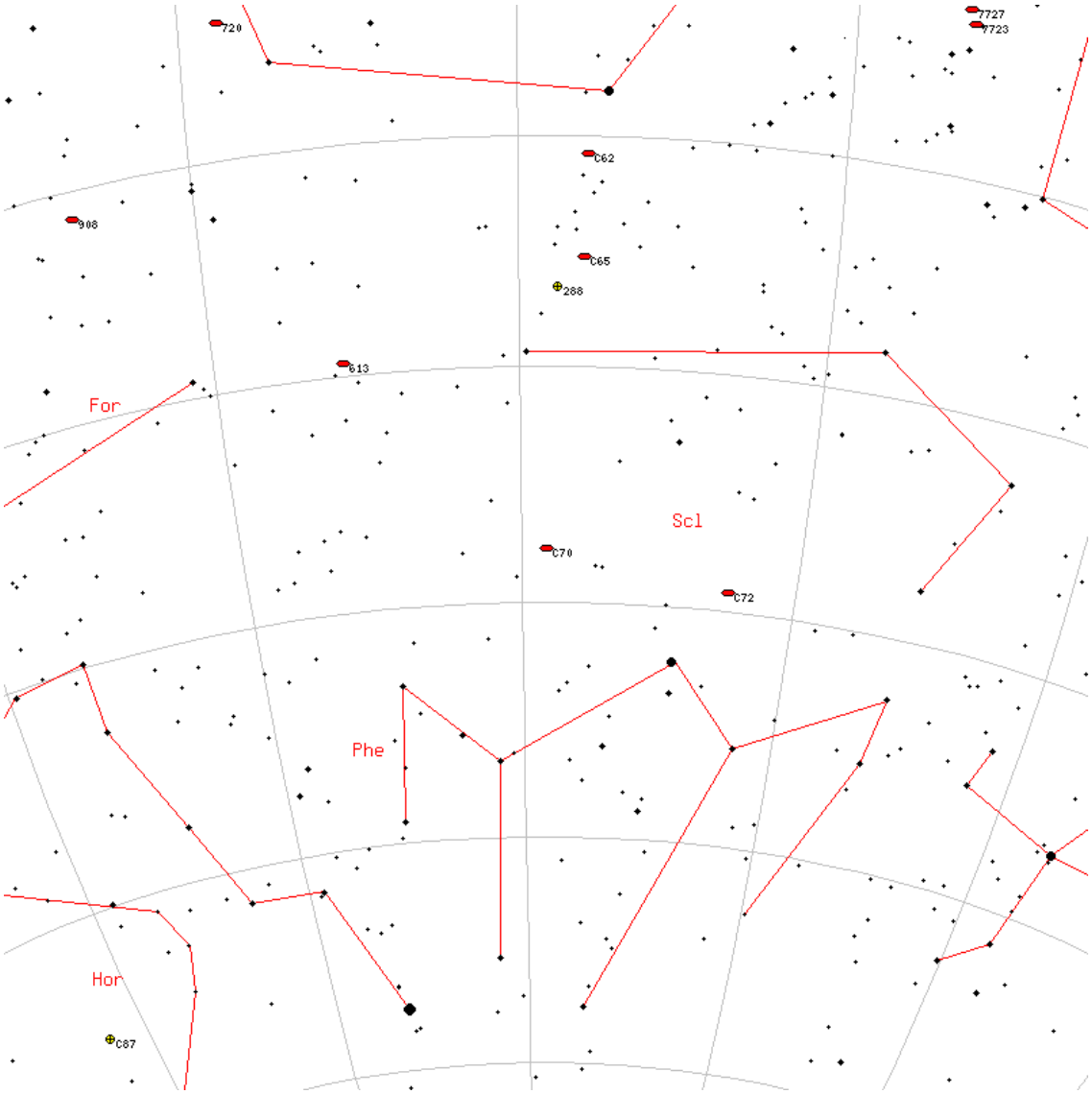


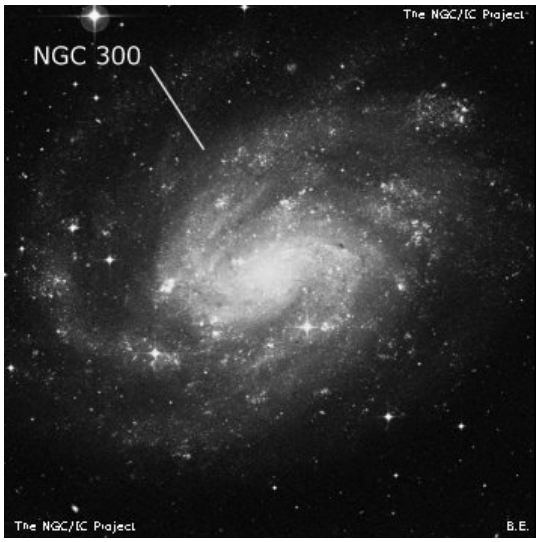
M	C69	**ID**	NGC6302
Constellation	Sco	**Type**	Pl
Magnitude	13	**Size**	0.8 x 0.8
RA	17h 13m	**Dec**	-37d 06m
Name	Bug Nebula		
Description	pB, E pf, PN		



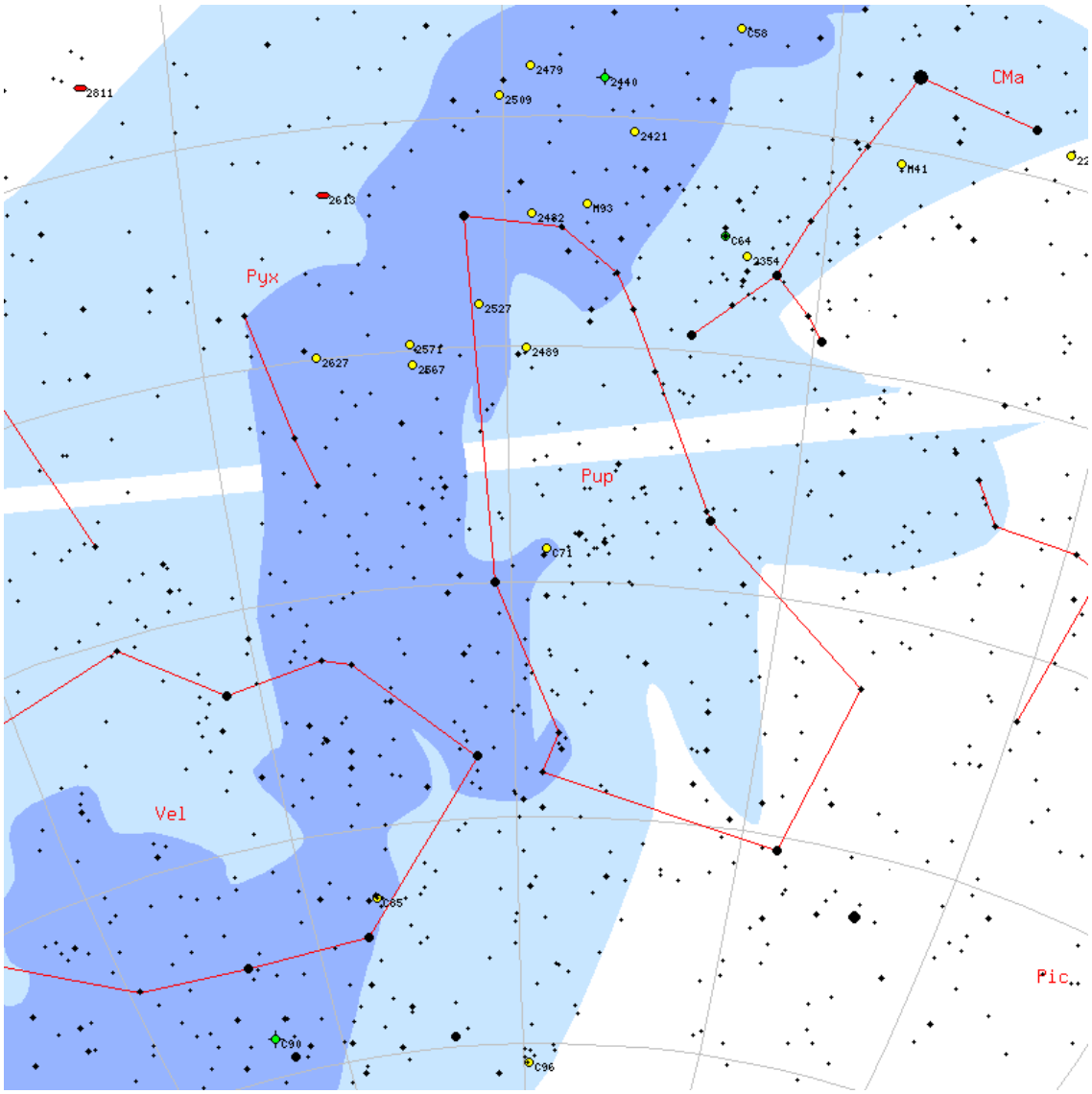
C70

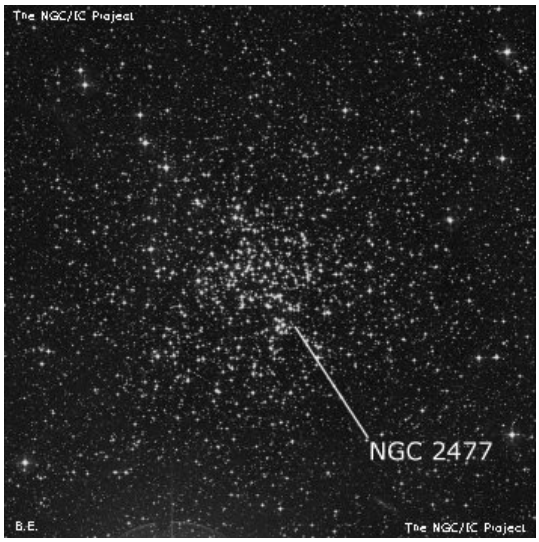
M	C70	**ID**	NGC300
Constellation	Scl	**Type**	Gx
Magnitude	9	**Size**	10.9 x 7.7
RA	00h 54m	**Dec**	-37d 40m
Name	Southern Pinwheel		
Description	pB, vL, vmiE, vgpmbM		





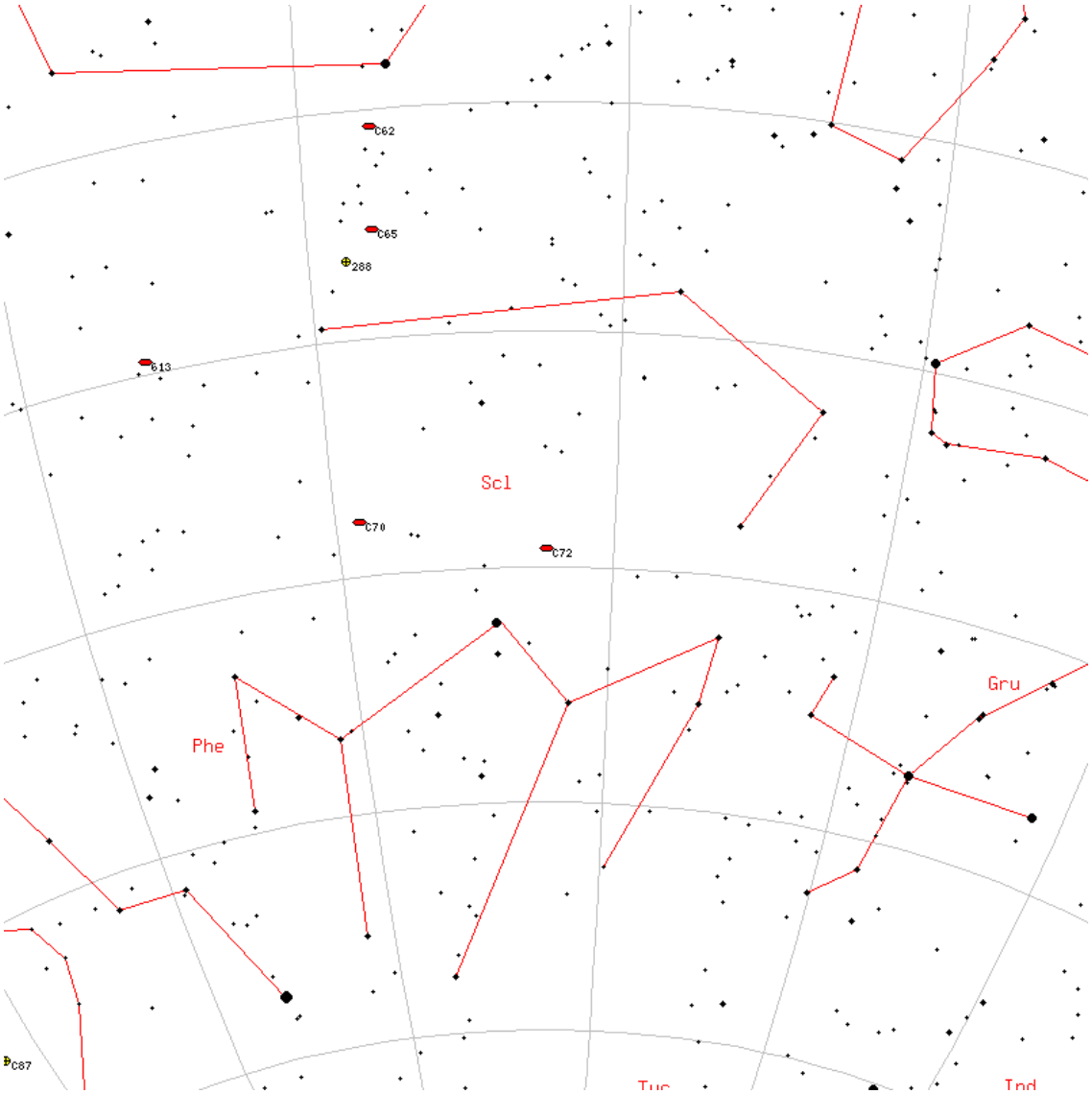
M	C71	**ID**	NGC2477
Constellation	Pup	**Type**	OC
Magnitude	5.8	**Size**	27 x 27
RA	07h 52m	**Dec**	-38d 32m
Name			
Description	!, Cl, B, Ri, L, IC, st 12		

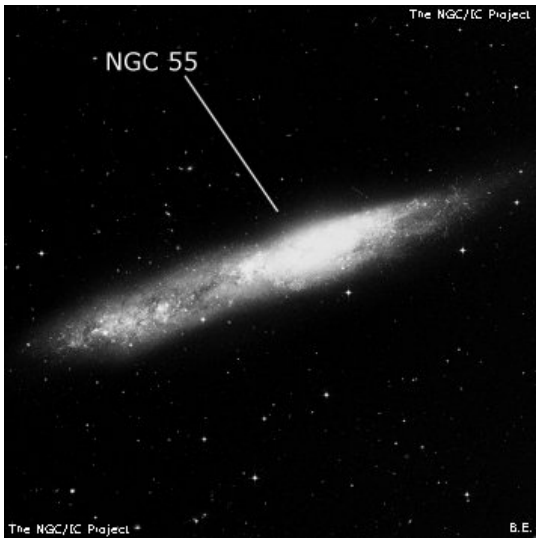




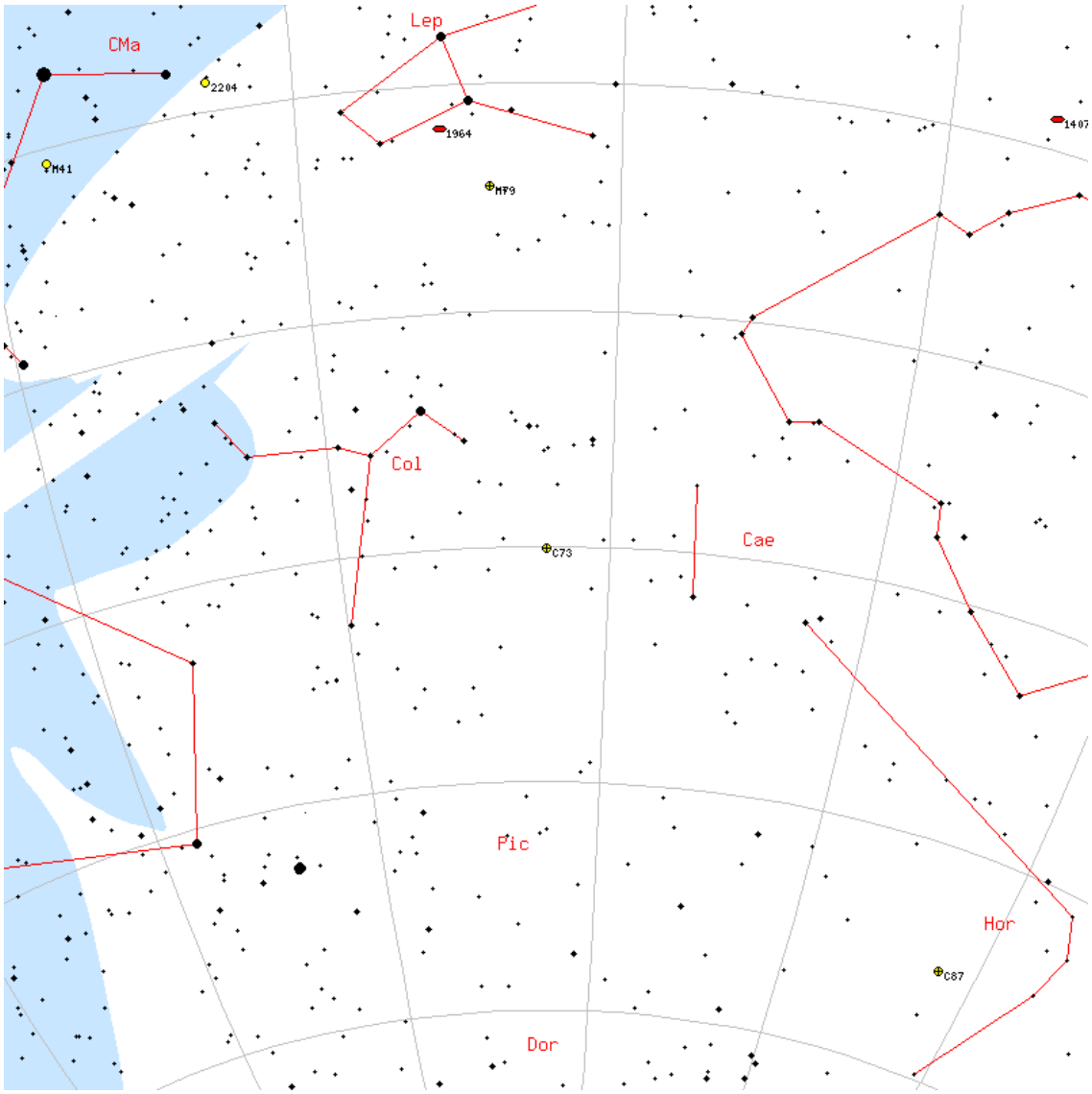
C72

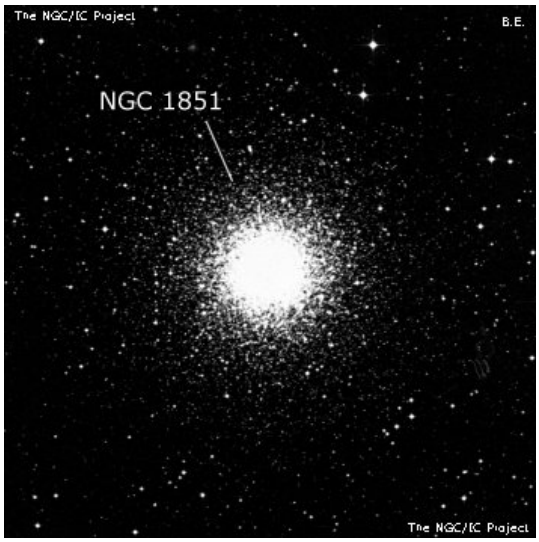
M	C72	**ID**	NGC55
Constellation	Scl	**Type**	Gx
Magnitude	8	**Size**	16.2 x 2.8
RA	00h 14m	**Dec**	-39d 10m
Name			
Description	vB, vL, vmE, triN		





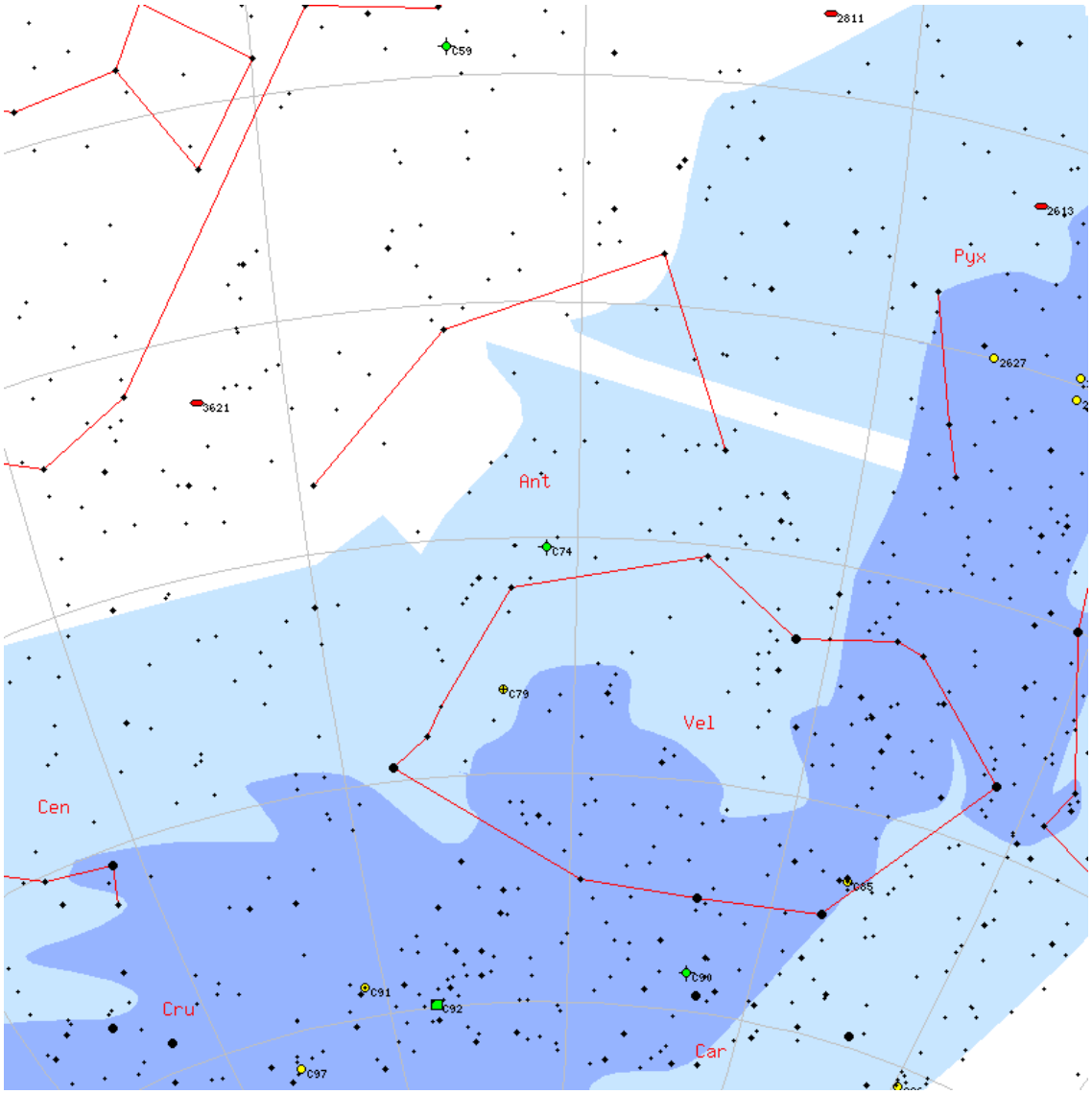
M	C73	**ID**	NGC1851
Constellation	Col	**Type**	Gb
Magnitude	7.3	**Size**	11 x 11
RA	05h 14m	**Dec**	-40d 02m
Name			
Description	glob. cl. ! vB, vL, R, vsvvbM, rrr		



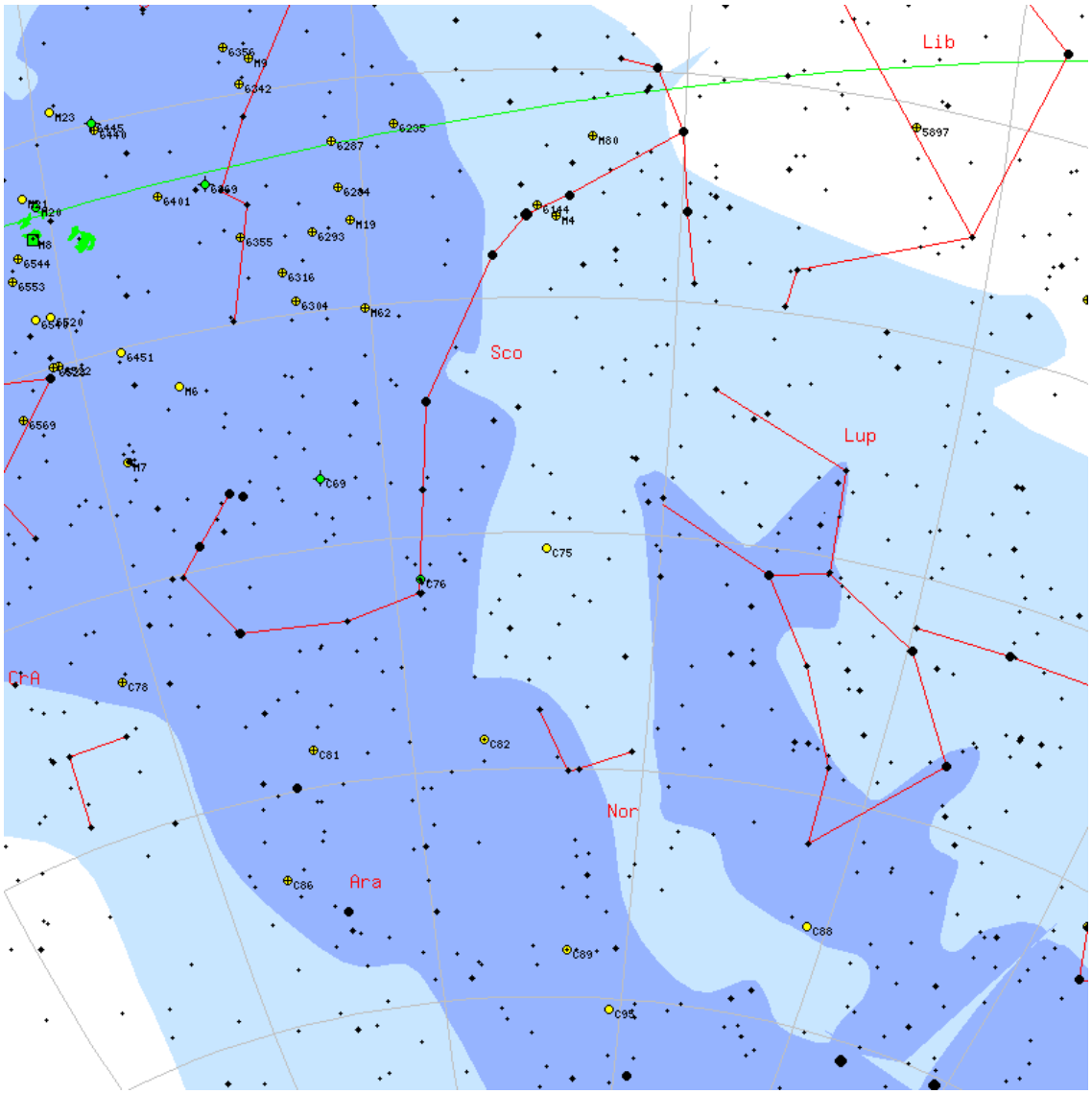


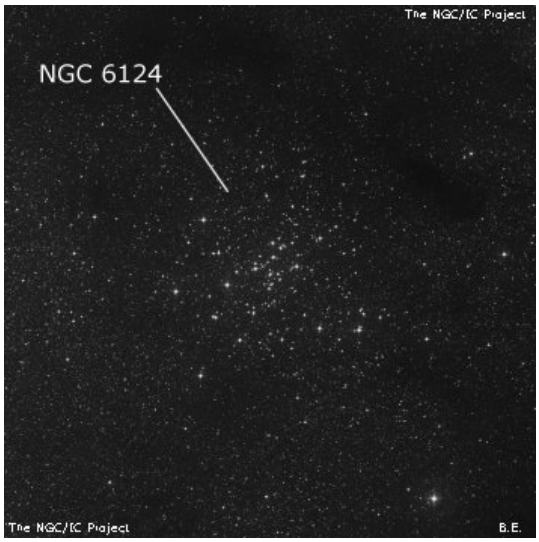
C74

M	C74	**ID**	NGC3132
Constellation	Vel	**Type**	Pl
Magnitude	8	**Size**	0.8 x 0.8
RA	10h 07m	**Dec**	-40d 25m
Name	Eight Burst Nebula/Southern Ring Nebula		
Description	!! PN , vB, vL, lE *9 M, 4s d		



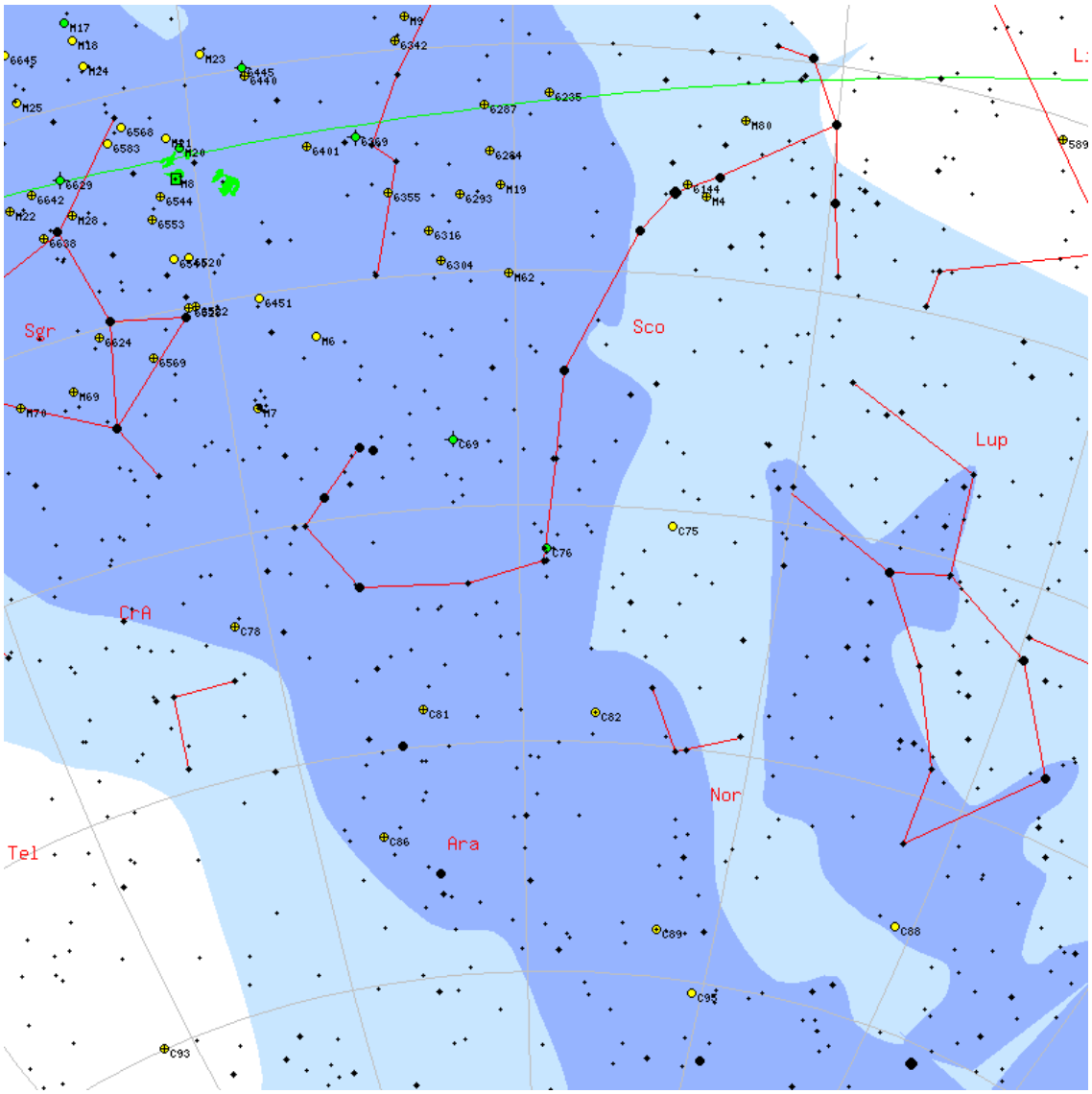
M	C75	**ID**	NGC6124
Constellation	Sco	**Type**	OC
Magnitude	5.8	**Size**	29 x 29
RA	16h 25m	**Dec**	-40d 40m
Name			
Description	Cl, B, L, pRi, ICM, st 9...11		



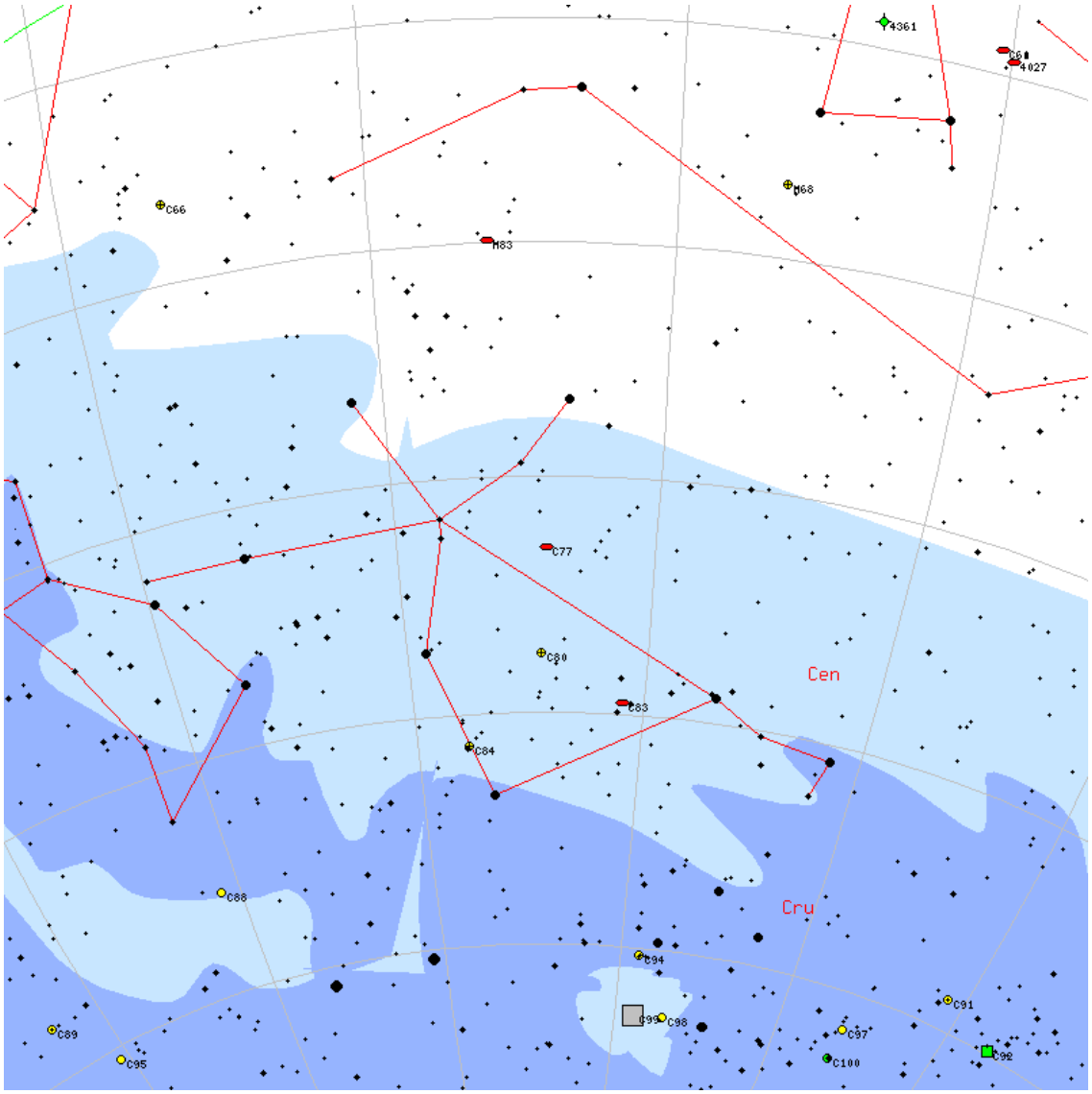


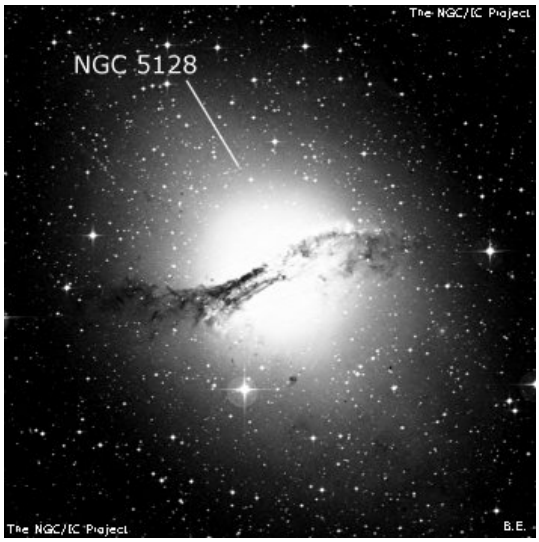
C76

M	C76	**ID**	NGC6231
Constellation	Sco	**Type**	CN
Magnitude	2.6	**Size**	15 x 15
RA	16h 53m	**Dec**	-41d 47m
Name	Table of scorpius/False Comet Cluster		
Description	Cl, B, cL, pRi, st 10...13		



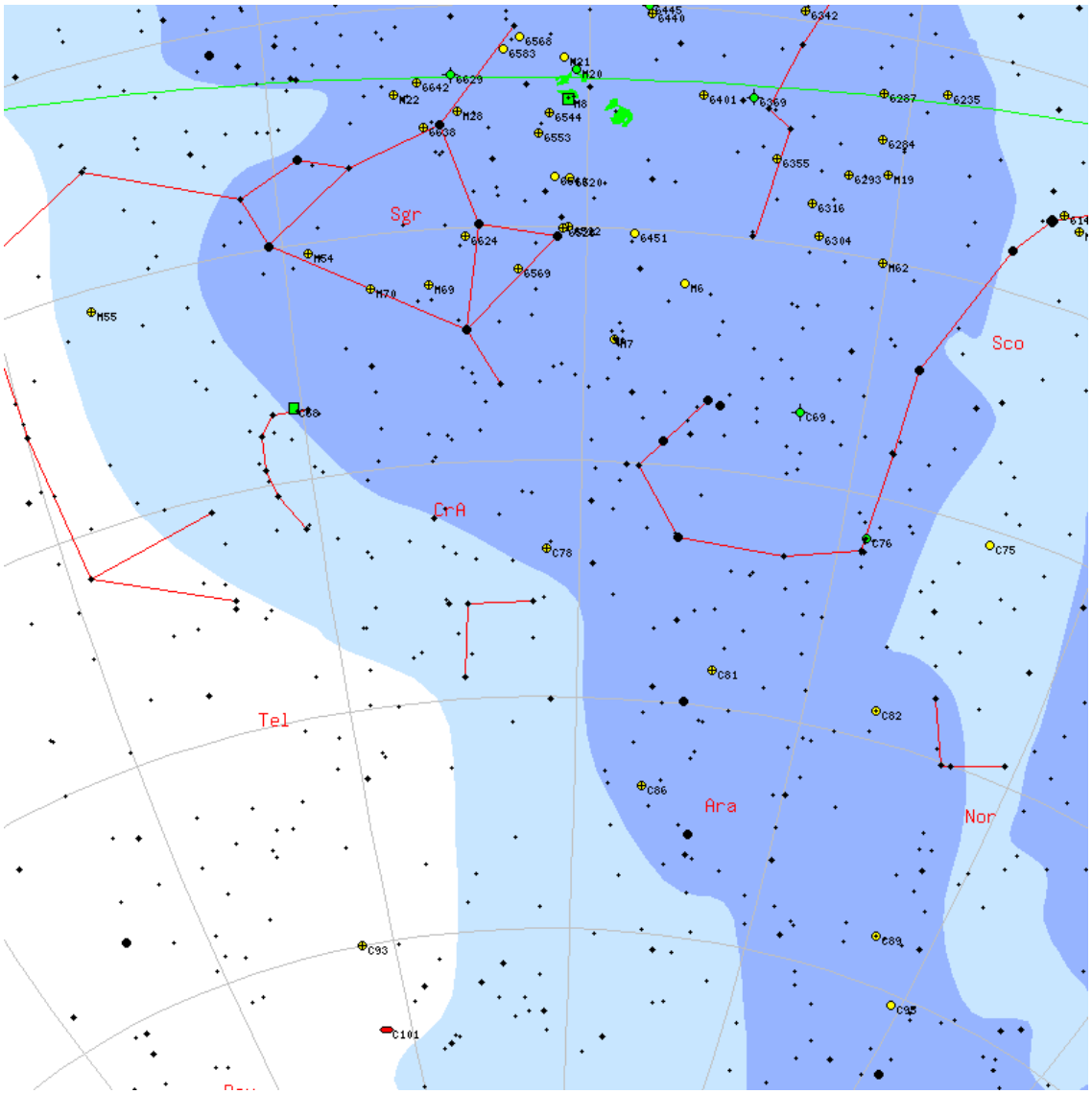
M	C77	**ID**	NGC5128
Constellation	Cen	**Type**	Gx
Magnitude	7	**Size**	12.9 x 10
RA	13h 25m	**Dec**	-43d 01m
Name	Centaurus A		
Description	!!, vB, vL, vmE 122deg , bifid		

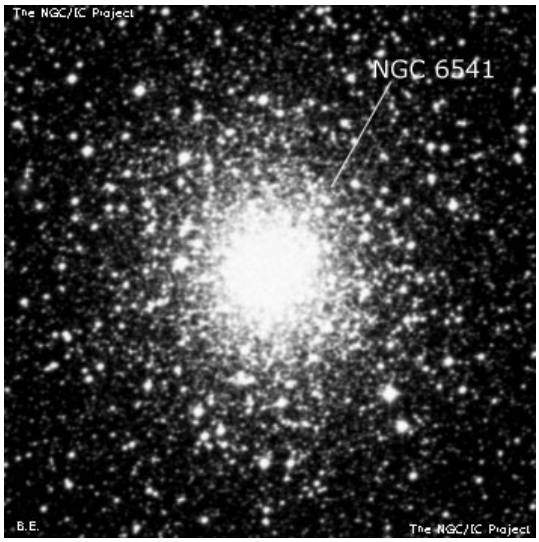




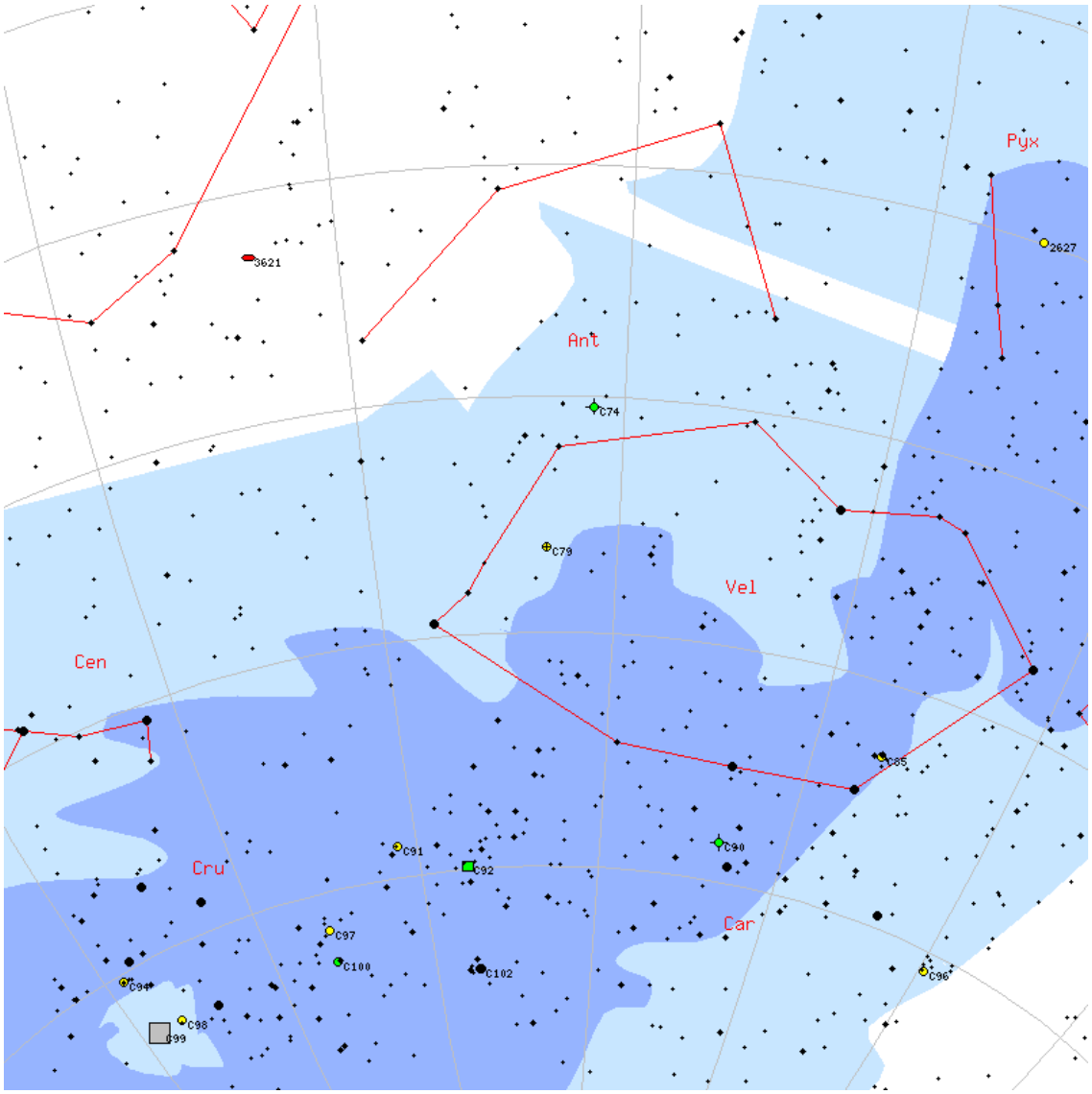
C78

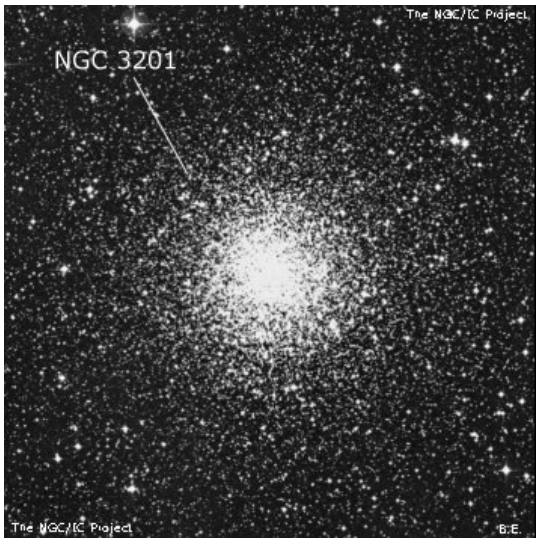
M	C78	**ID**	NGC6541
Constellation	CrA	**Type**	Gb
Magnitude	6.6	**Size**	13.1 x 13.1
RA	18h 07m	**Dec**	-43d 42m
Name			
Description	glob. cl. , B, R, eC, gbM, rrr, st 15...16		





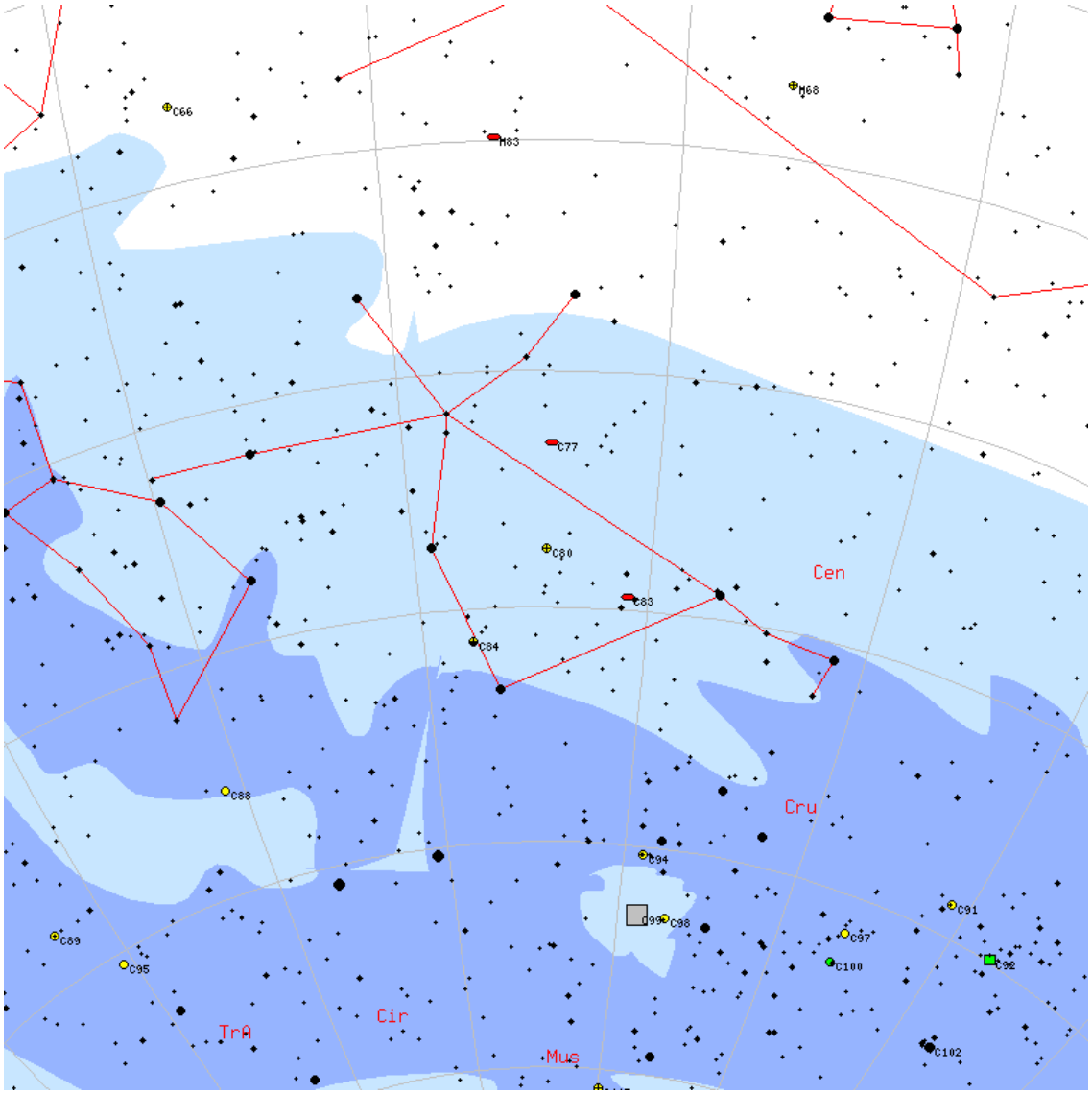
M	C79	**ID**	NGC3201
Constellation	Vel	**Type**	Gb
Magnitude	6.8	**Size**	18.2 x 18.2
RA	10h 17m	**Dec**	-46d 25m
Name			
Description	glob. cl. , vL, iR, ICM, st 13...16		

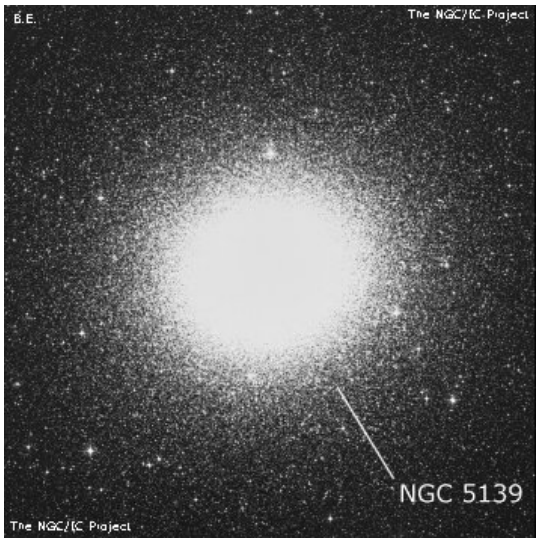




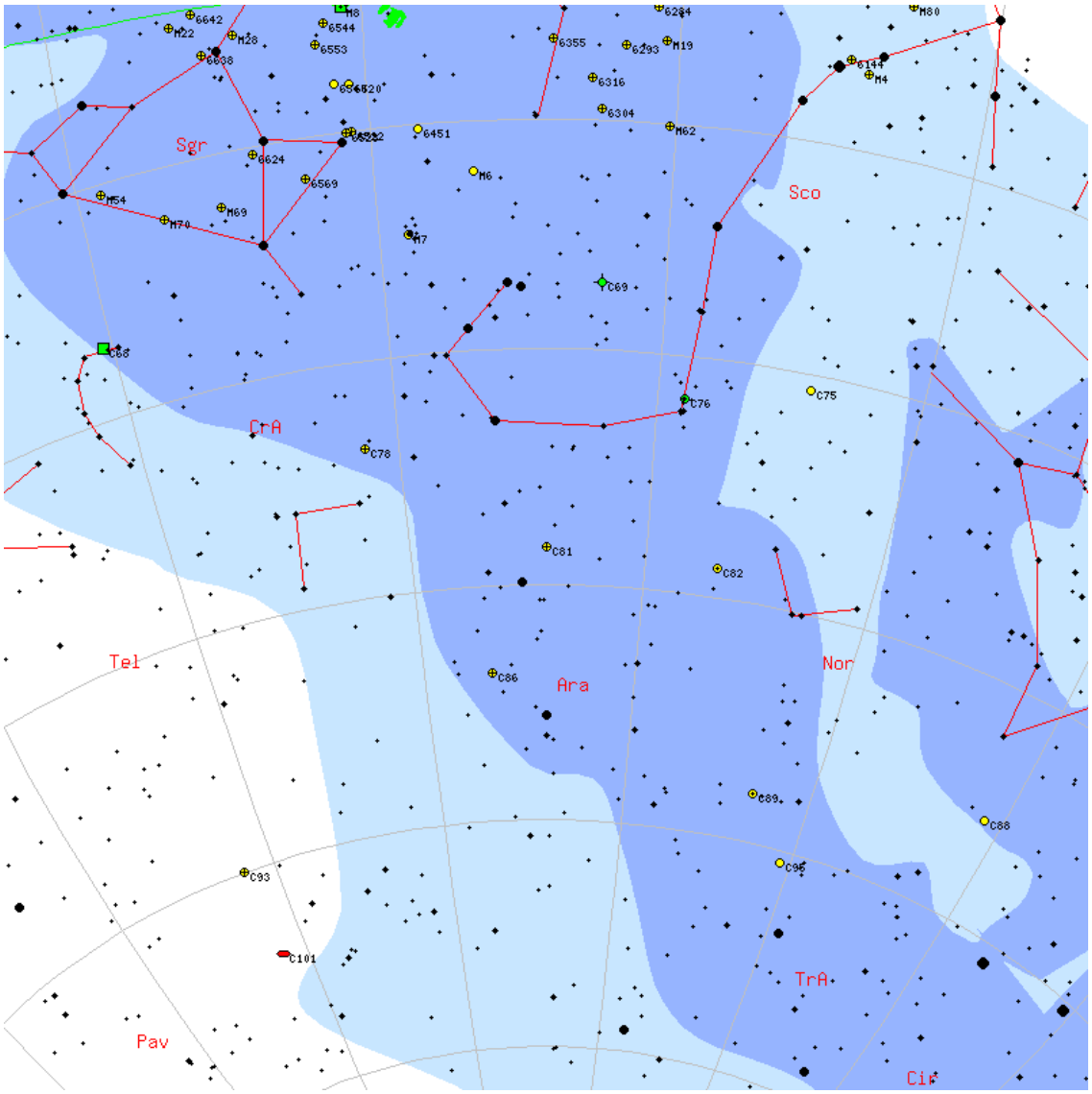
C80

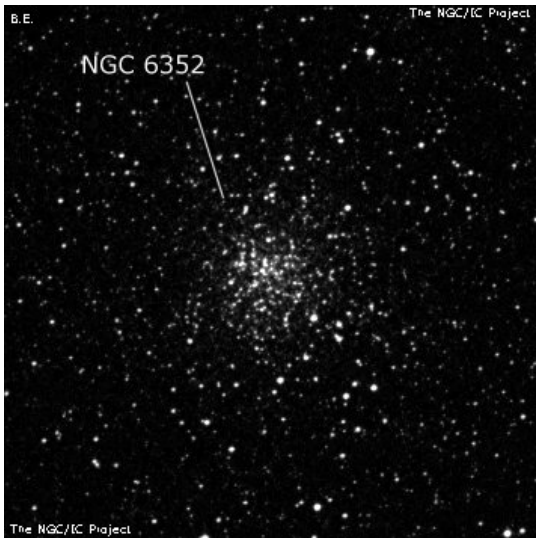
M	C80	**ID**	NGC5139
Constellation	Cen	**Type**	Gb
Magnitude	3.7	**Size**	36.3 x 36.3
RA	13h 26m	**Dec**	-47d 28m
Name	Omega Centauri		
Description	!!!, glob. cl. , omega Cen		





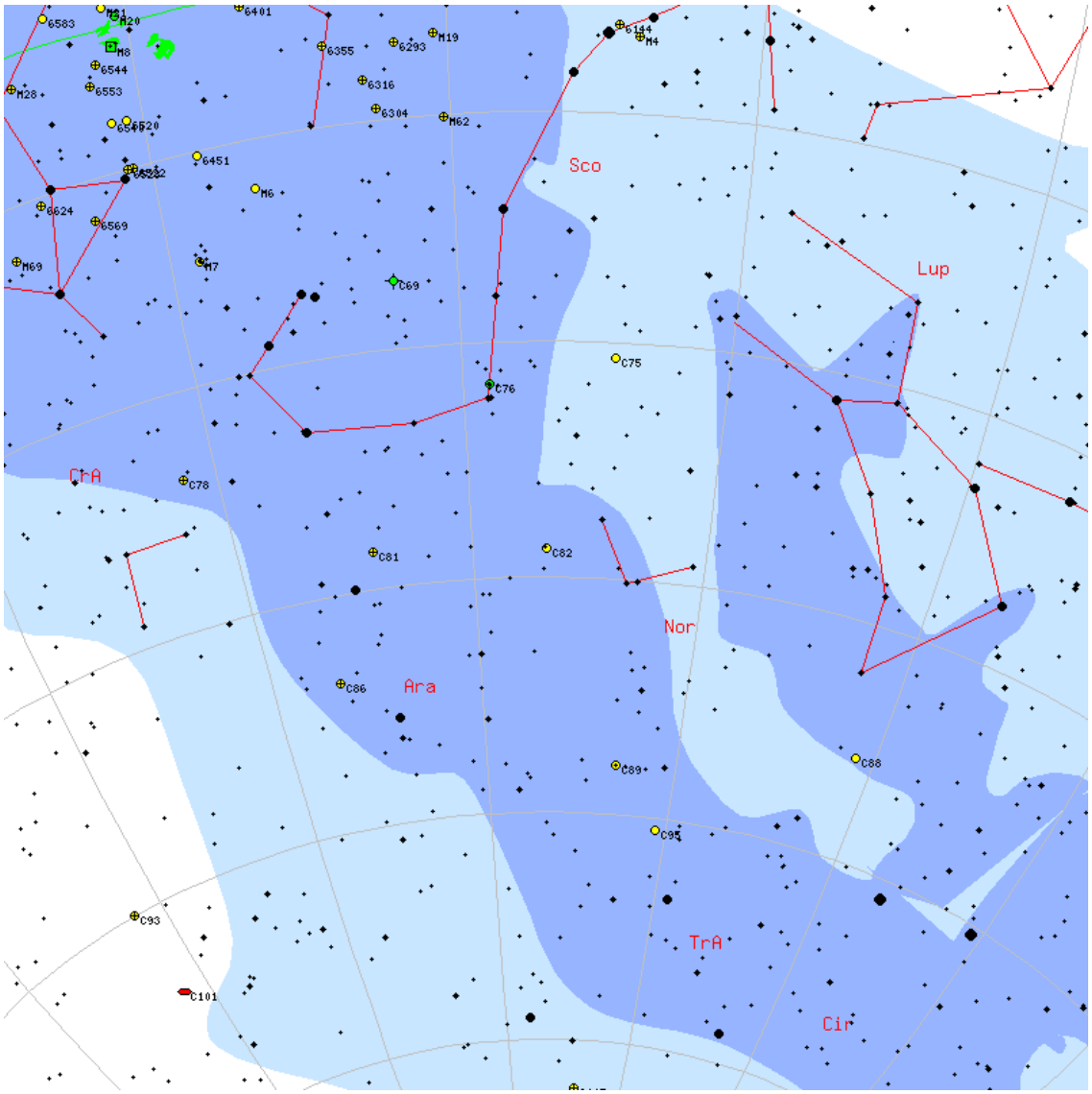
M	C81	**ID**	NGC6352
Constellation	Ara	**Type**	Gb
Magnitude	8.2	**Size**	7.1 x 7.1
RA	17h 25m	**Dec**	-48d 25m
Name			
Description	Cl (not neb), pF, L		

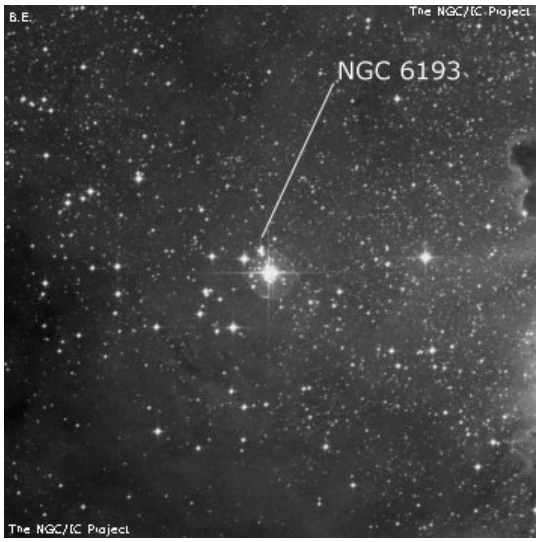




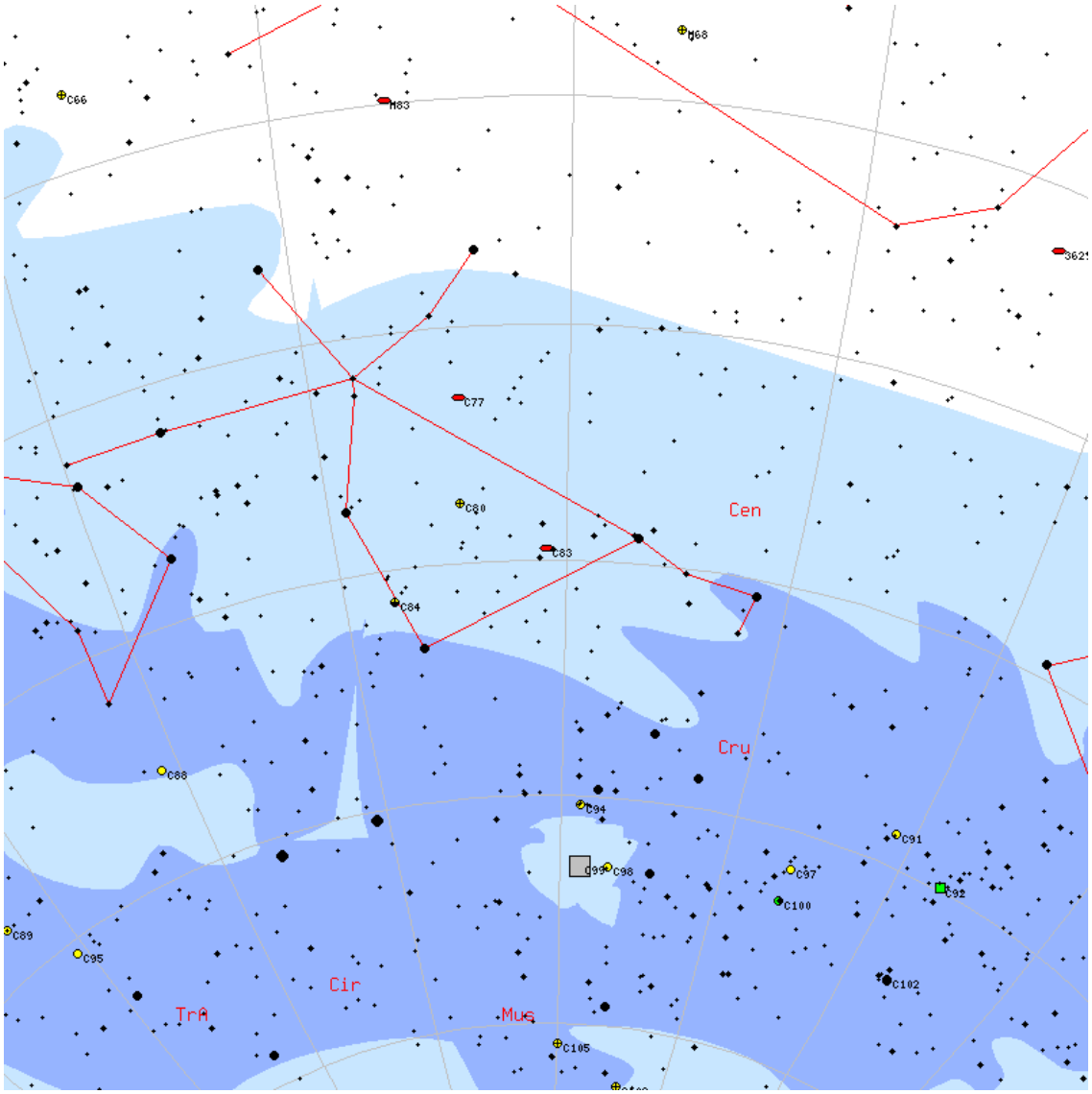
C82

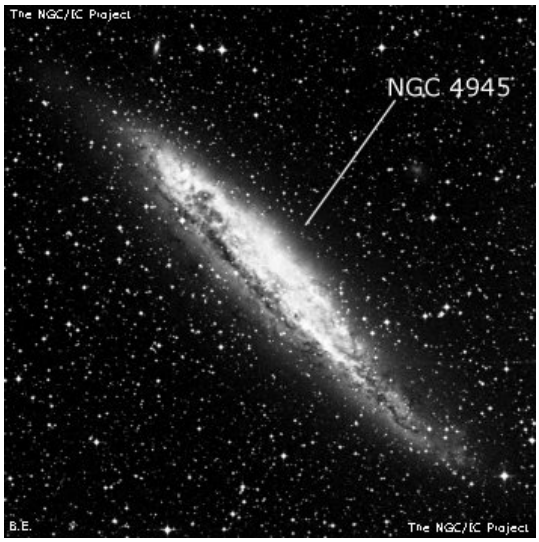
M	C82	**ID**	NGC6193
Constellation	Ara	**Type**	OC
Magnitude	5.2	**Size**	15 x 15
RA	16h 41m	**Dec**	-48d 46m
Name			
Description	Cl, vL, lRi, lC, rrr, F neb inv		





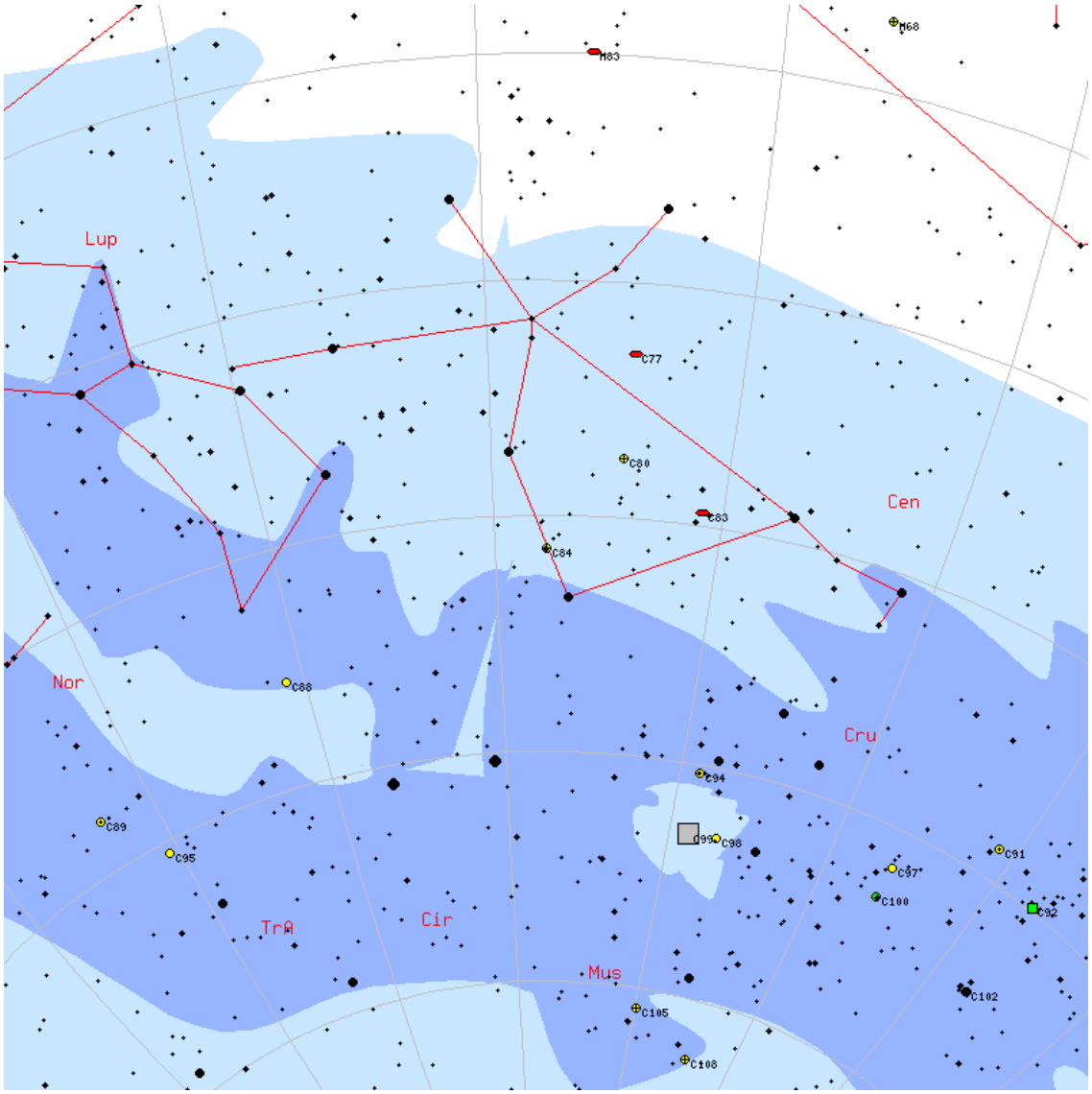
M	C83	**ID**	NGC4945
Constellation	Cen	**Type**	Gx
Magnitude	9	**Size**	1.3 x 0.7
RA	13h 05m	**Dec**	-49d 28m
Name	Tweezers Galaxy		
Description	B, vL, vmE 39deg		

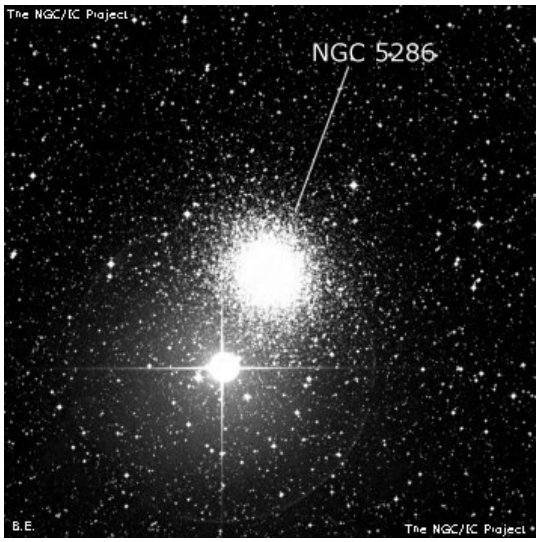




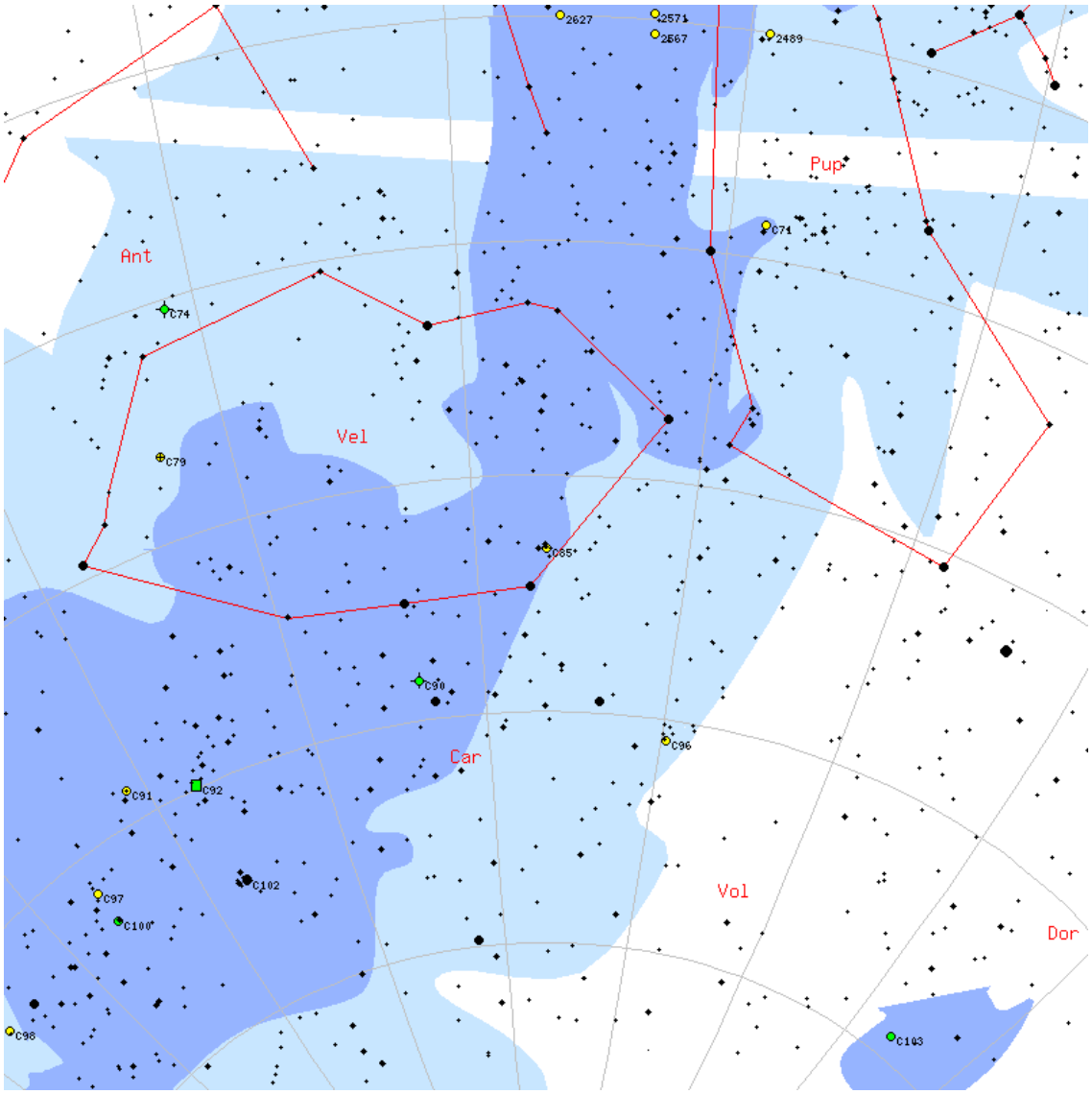
C84

M	C84	**ID**	NGC5286
Constellation	Cen	**Type**	Gb
Magnitude	7.6	**Size**	9.1 x 9.1
RA	13h 46m	**Dec**	-51d 22m
Name			
Description	glob. cl. , vB, pL, R, rrr, st 15		



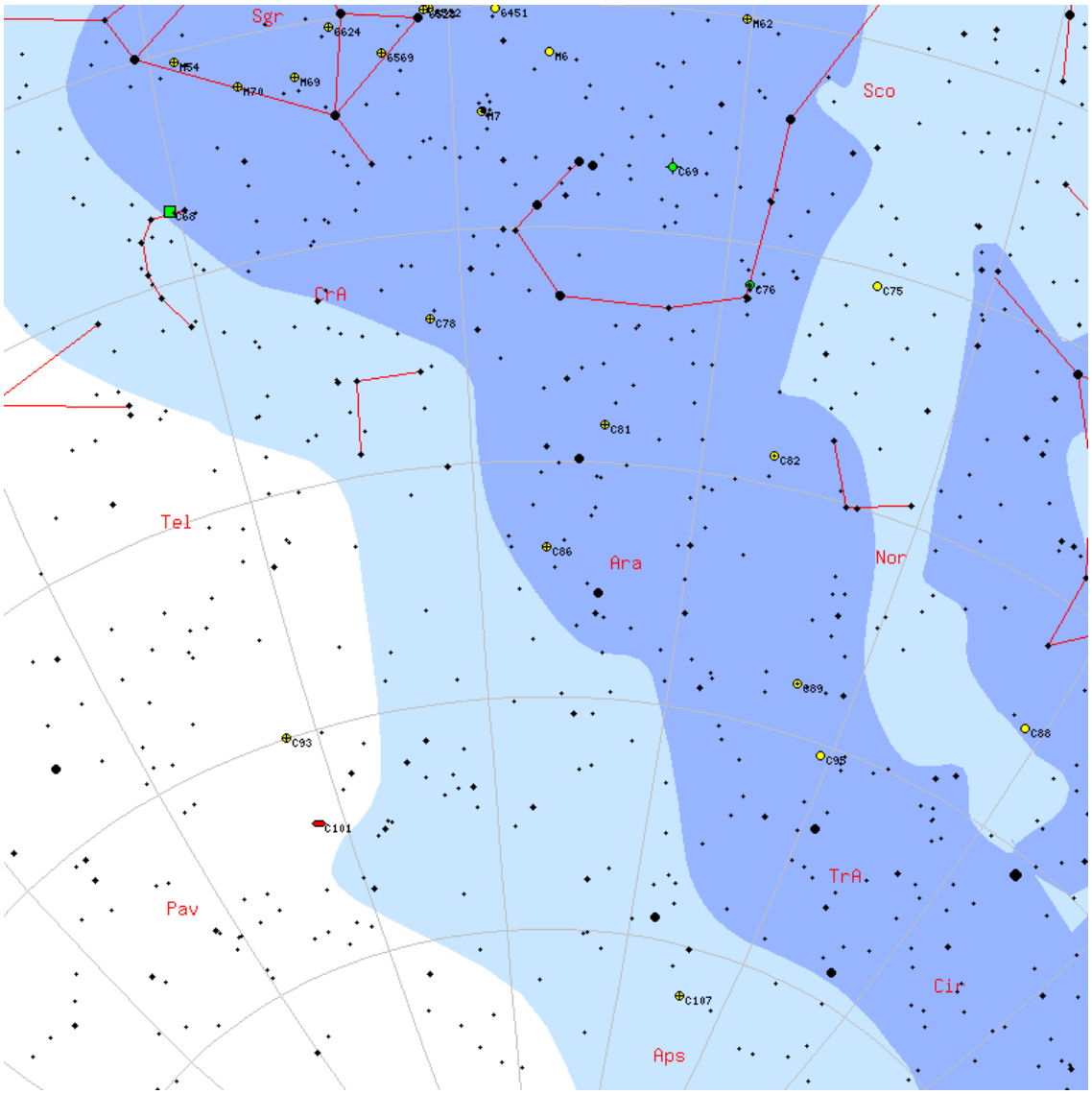


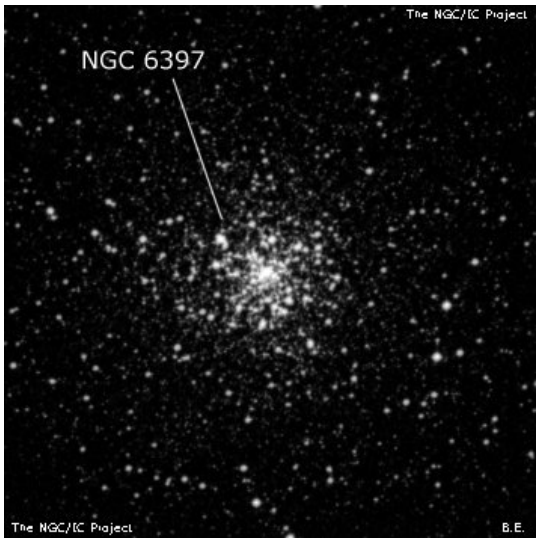
M	C85	**ID**	IC2391
Constellation	Vel	**Type**	OC
Magnitude	2.5	**Size**	50 x 50
RA	08h 40m	**Dec**	-53d 04m
Name	Omicron Vel Cluster		
Description	Cl, co, incl *3.7 (o Vel)		



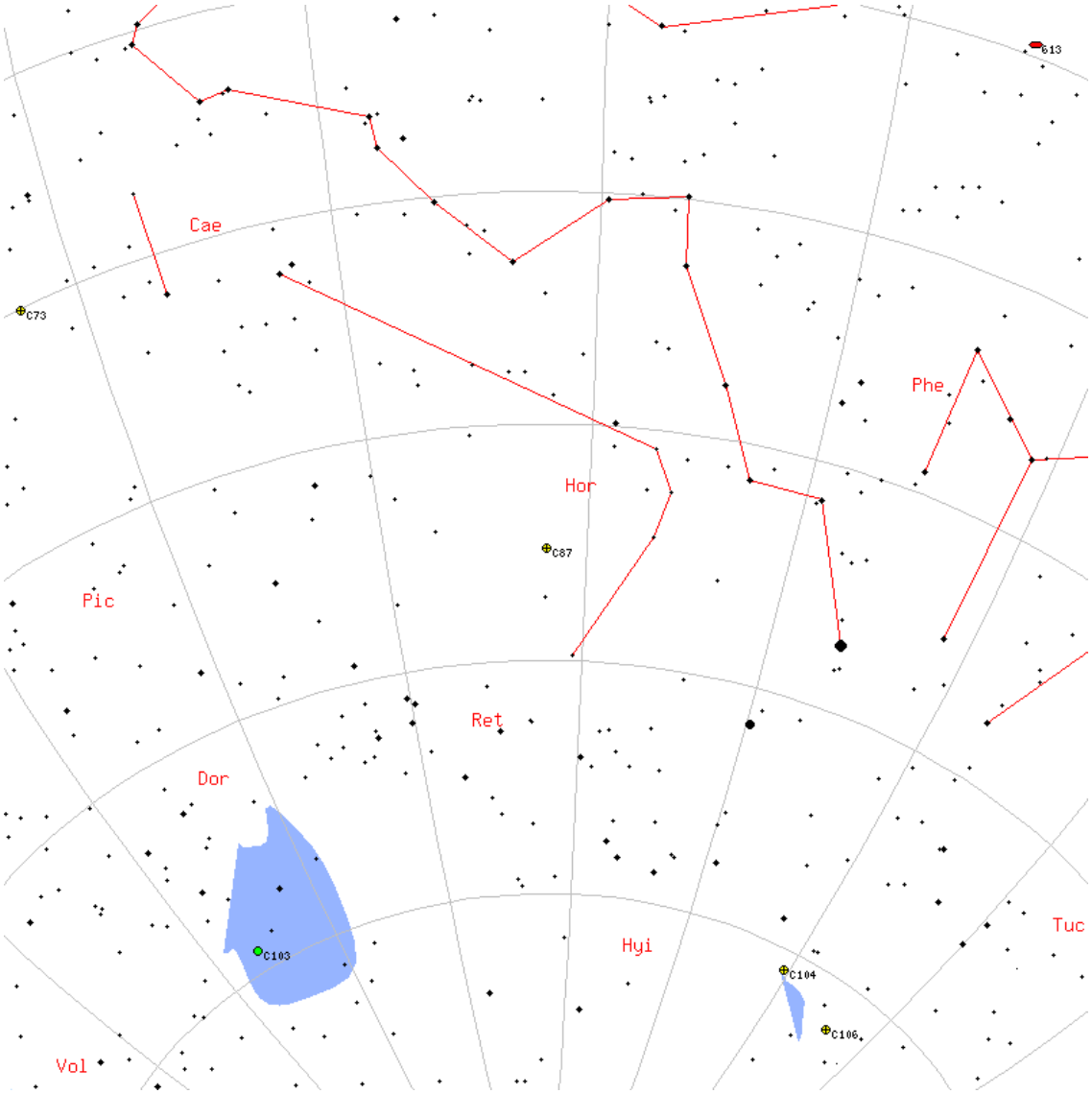
C86

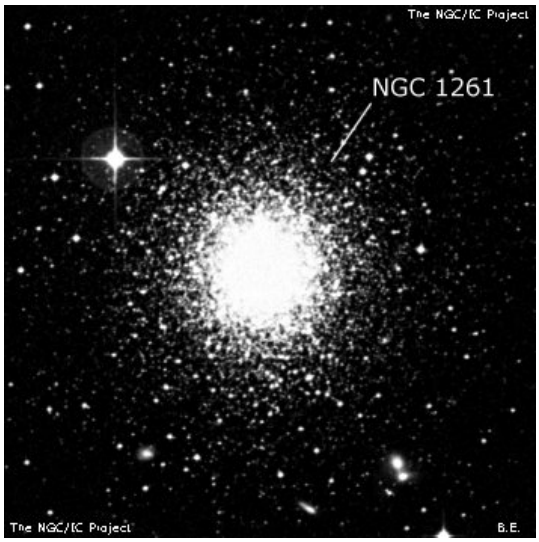
M	C86	**ID**	NGC6397
Constellation	Ara	**Type**	Gb
Magnitude	5.7	**Size**	25.7 x 25.7
RA	17h 40m	**Dec**	-53d 40m
Name			
Description	glob. cl. , B, vL, Ri, st 13		





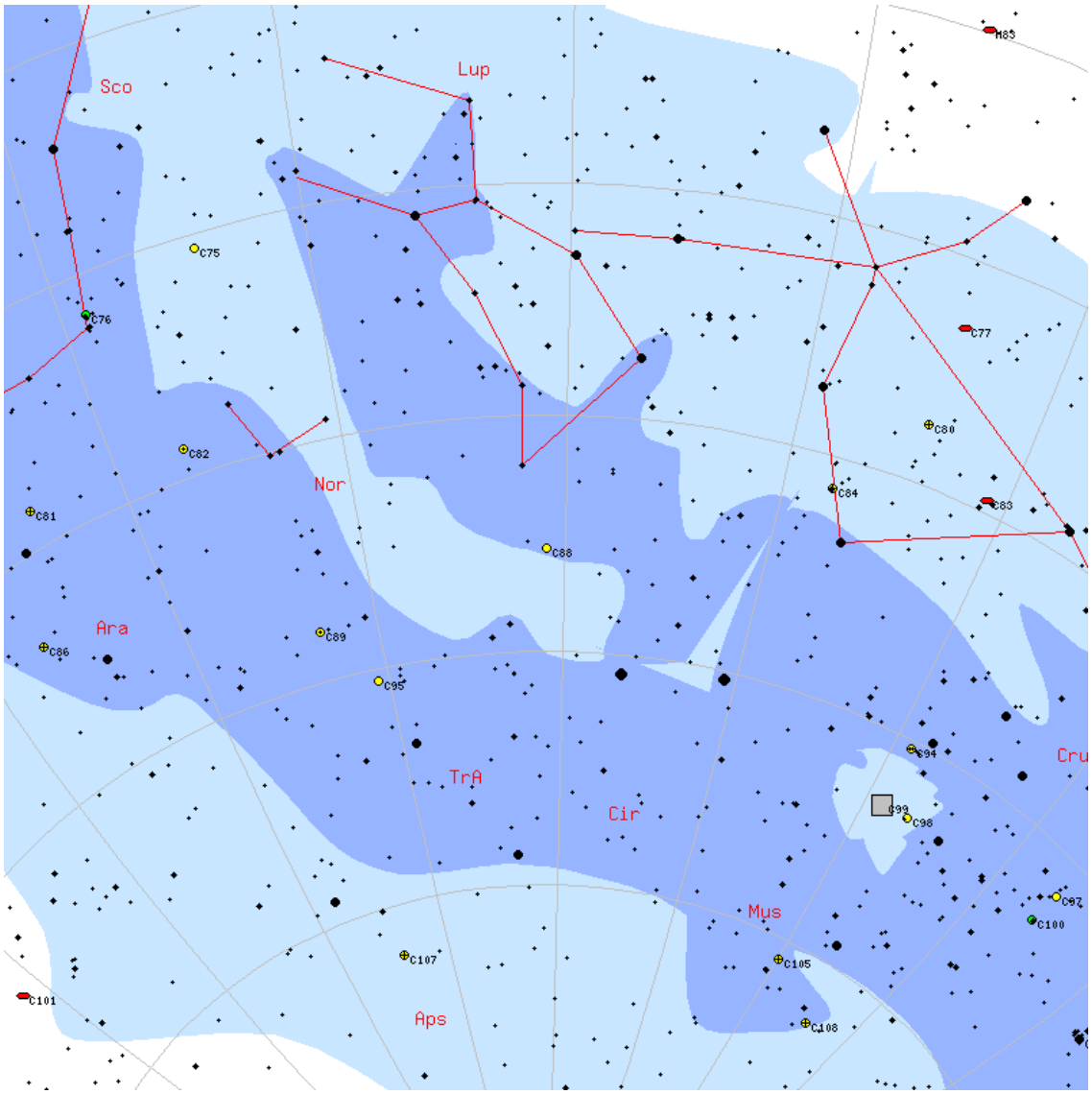
M	C87	**ID**	NGC1261
Constellation	Hor	**Type**	Gb
Magnitude	8.4	**Size**	6.9 x 6.9
RA	03h 12m	**Dec**	-55d 13m
Name			
Description	glob. cl. , B, L, R, rr		

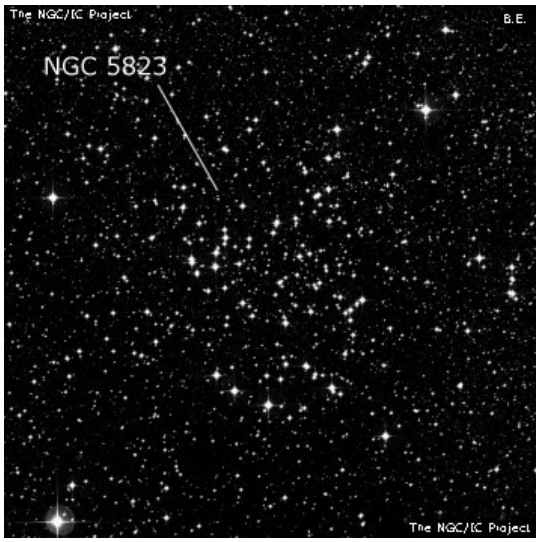




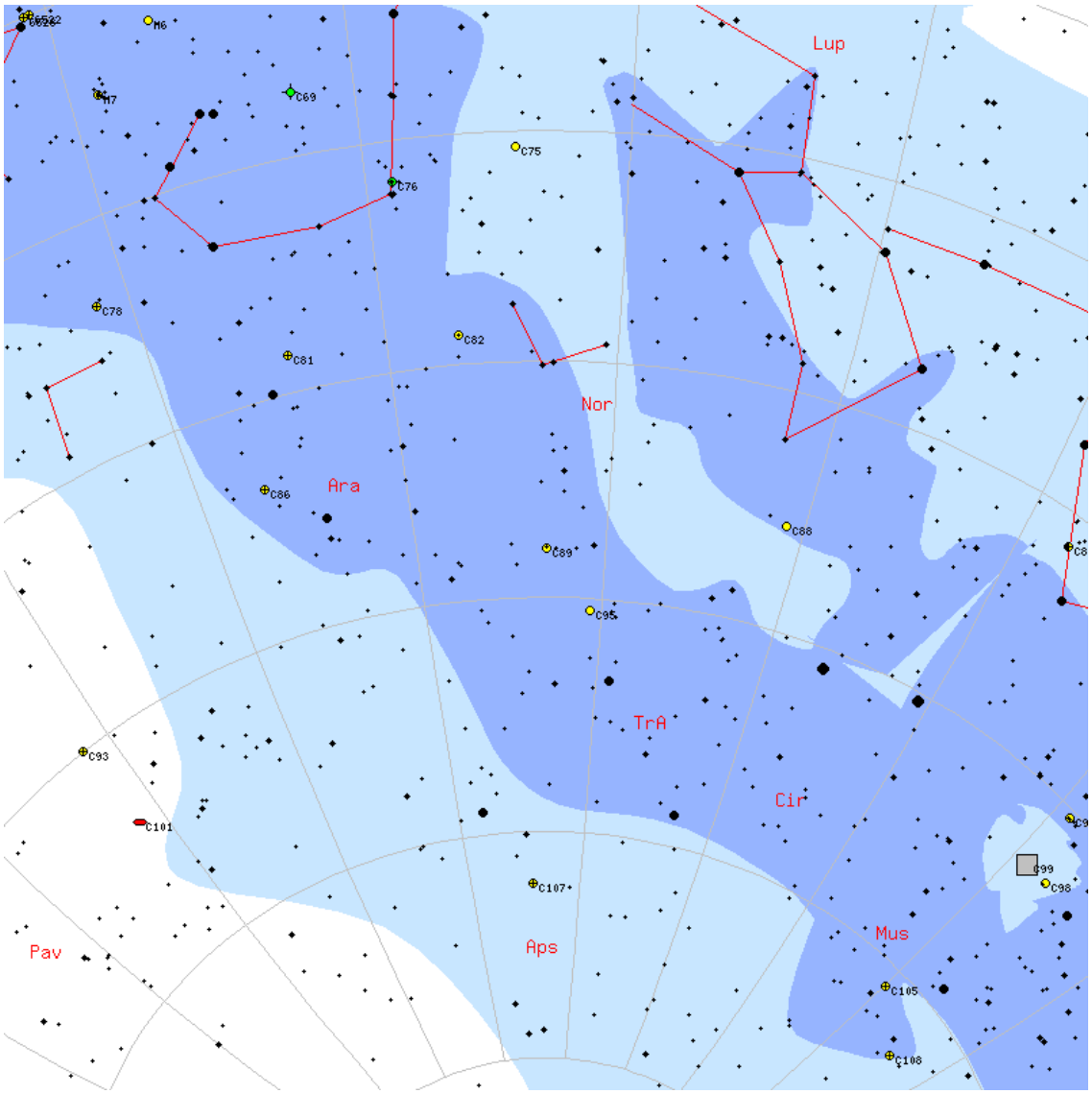
C88

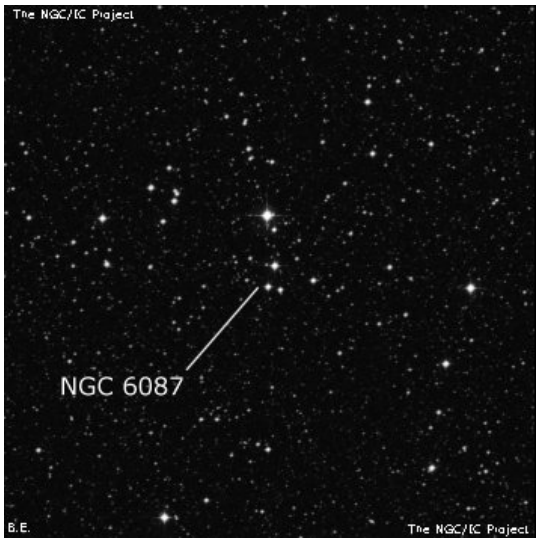
M	C88	**ID**	NGC5823
Constellation	Cir	**Type**	OC
Magnitude	7.9	**Size**	10 x 10
RA	15h 05m	**Dec**	-55d 36m
Name			
Description	Cl, cL, Ri, ICM, st 13...14		





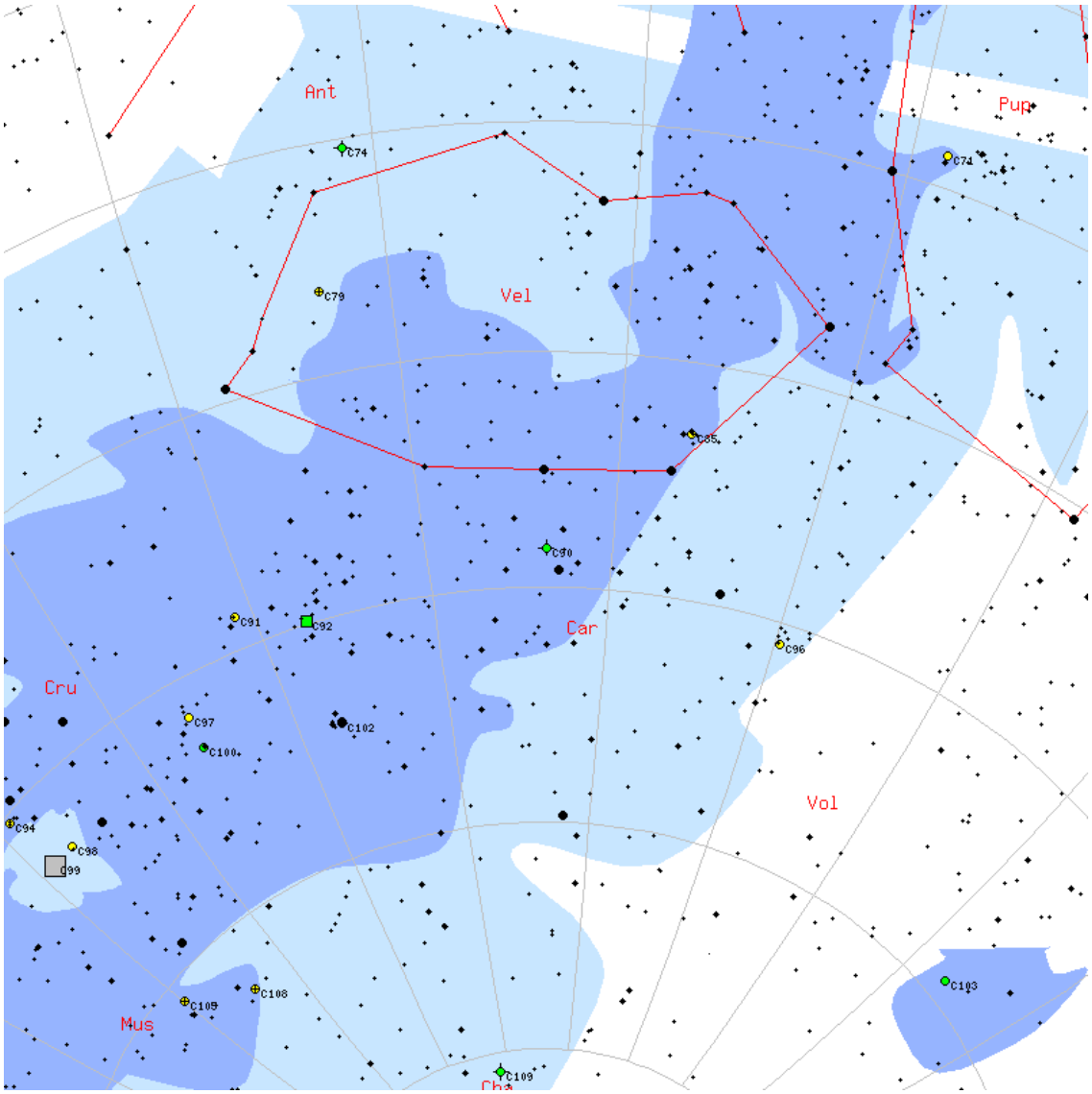
M	C89	**ID**	NGC6087
Constellation	Nor	**Type**	OC
Magnitude	5.4	**Size**	12 x 12
RA	16h 18m	**Dec**	-57d 53m
Name	S Normae Cluster		
Description	Cl, B, L, IC, st 7...10		



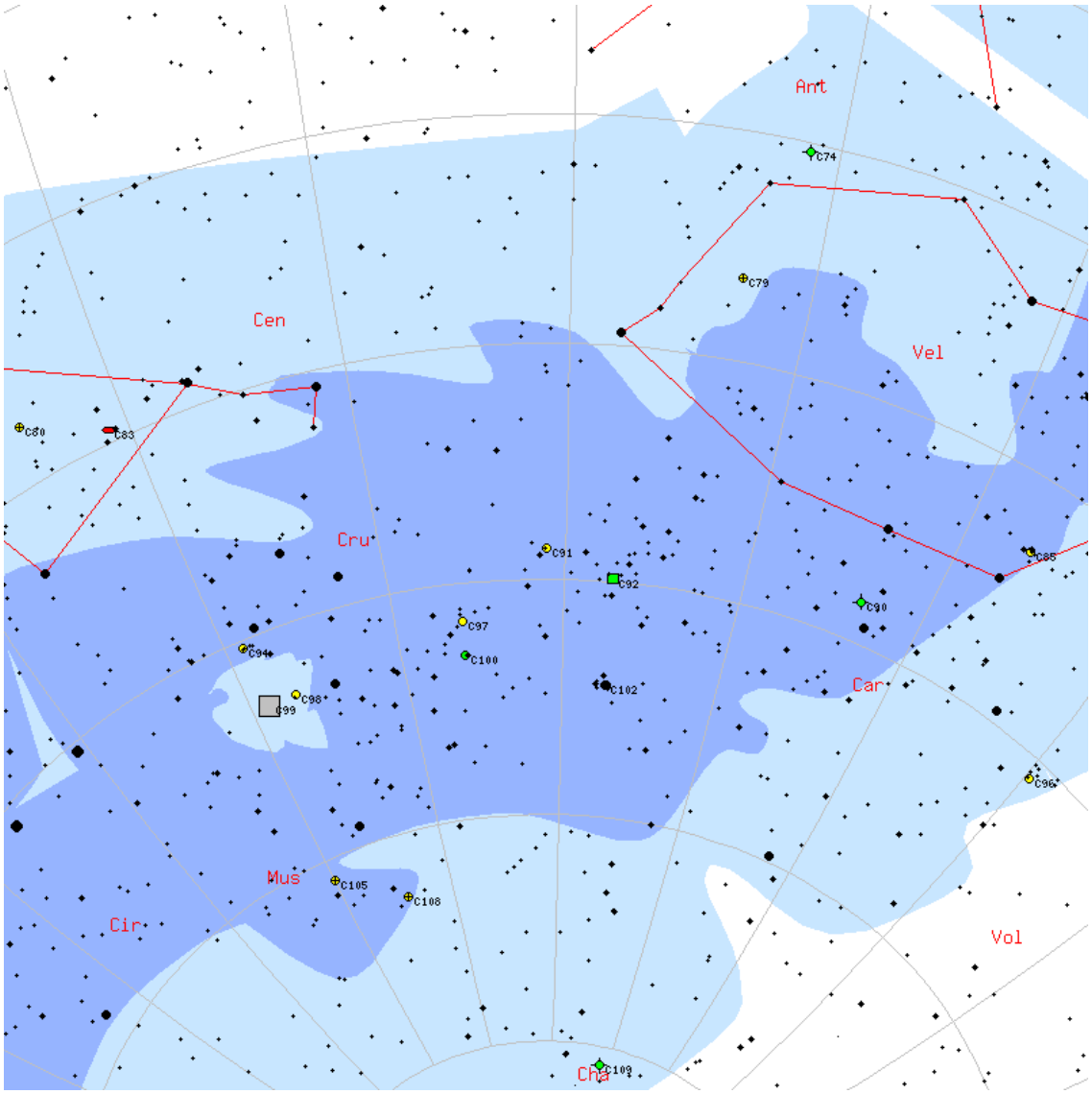


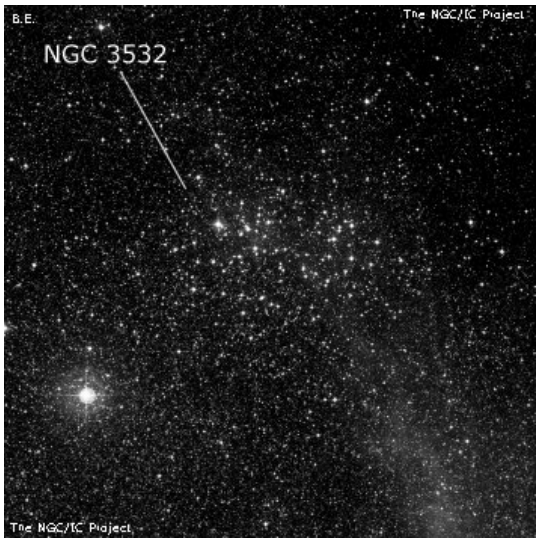
C90

M	C90	**ID**	NGC2867
Constellation	Car	**Type**	Pl
Magnitude	10	**Size**	0.2 x 0.2
RA	09h 21m	**Dec**	-58d 19m
Name			
Description	!! PN = *8, vS, R, *15, 59deg , 13"		



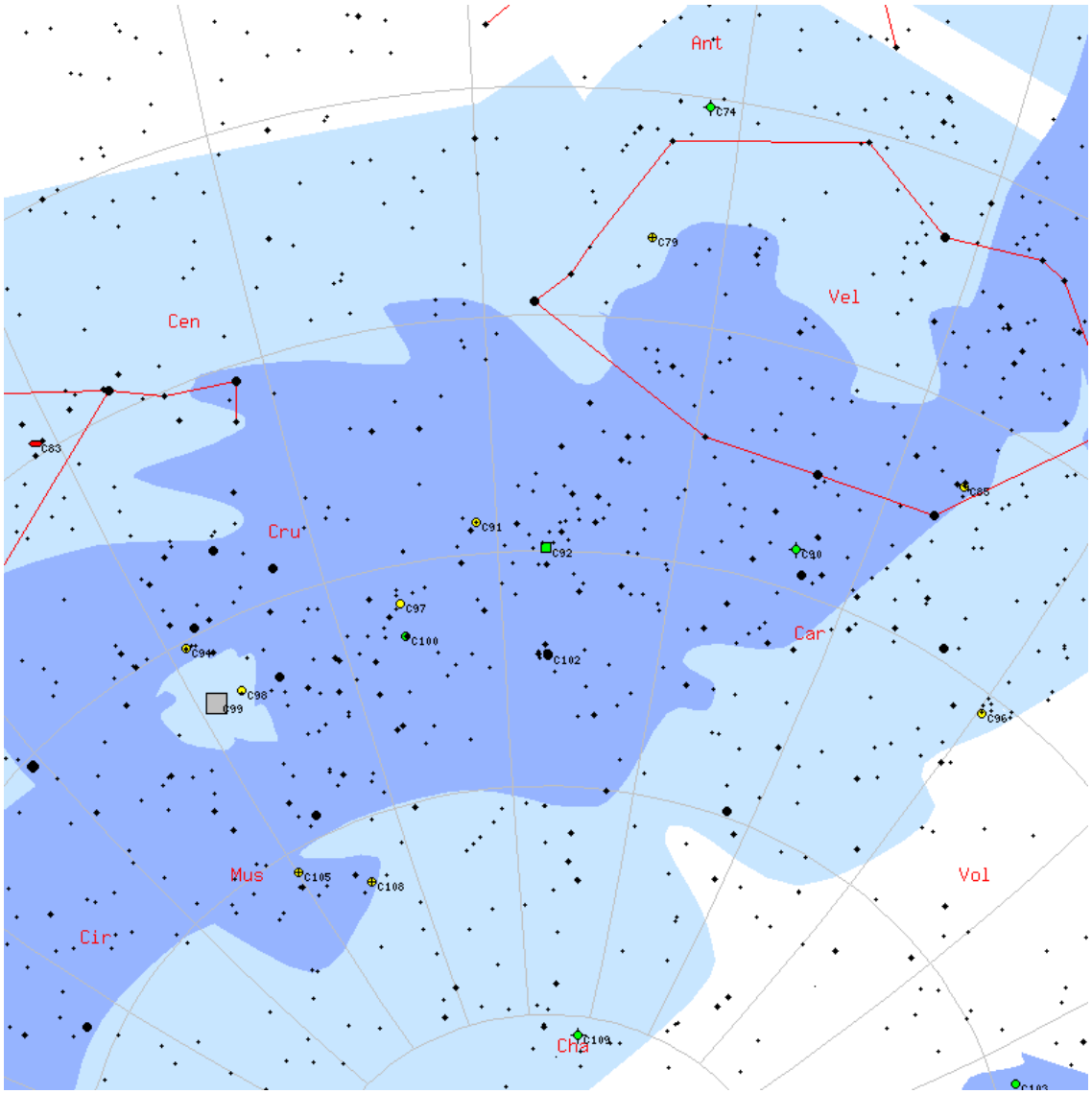
M	C91	**ID**	NGC3532
Constellation	Car	**Type**	OC
Magnitude	3	**Size**	55 x 55
RA	11h 06m	**Dec**	-58d 40m
Name	Pincushion Cluster		
Description	!!, Cl, eL, R, IC, st 8...12		

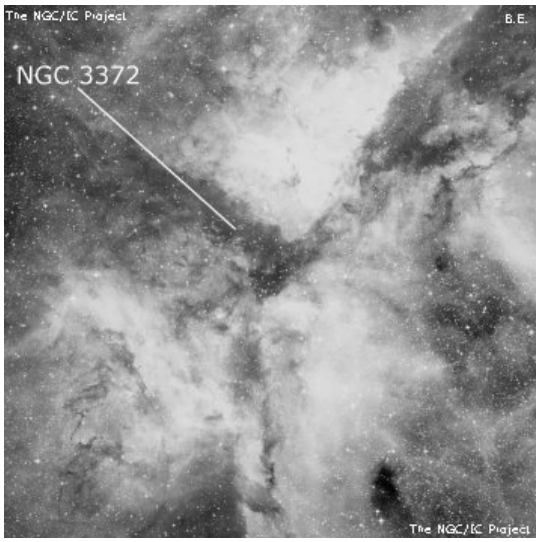




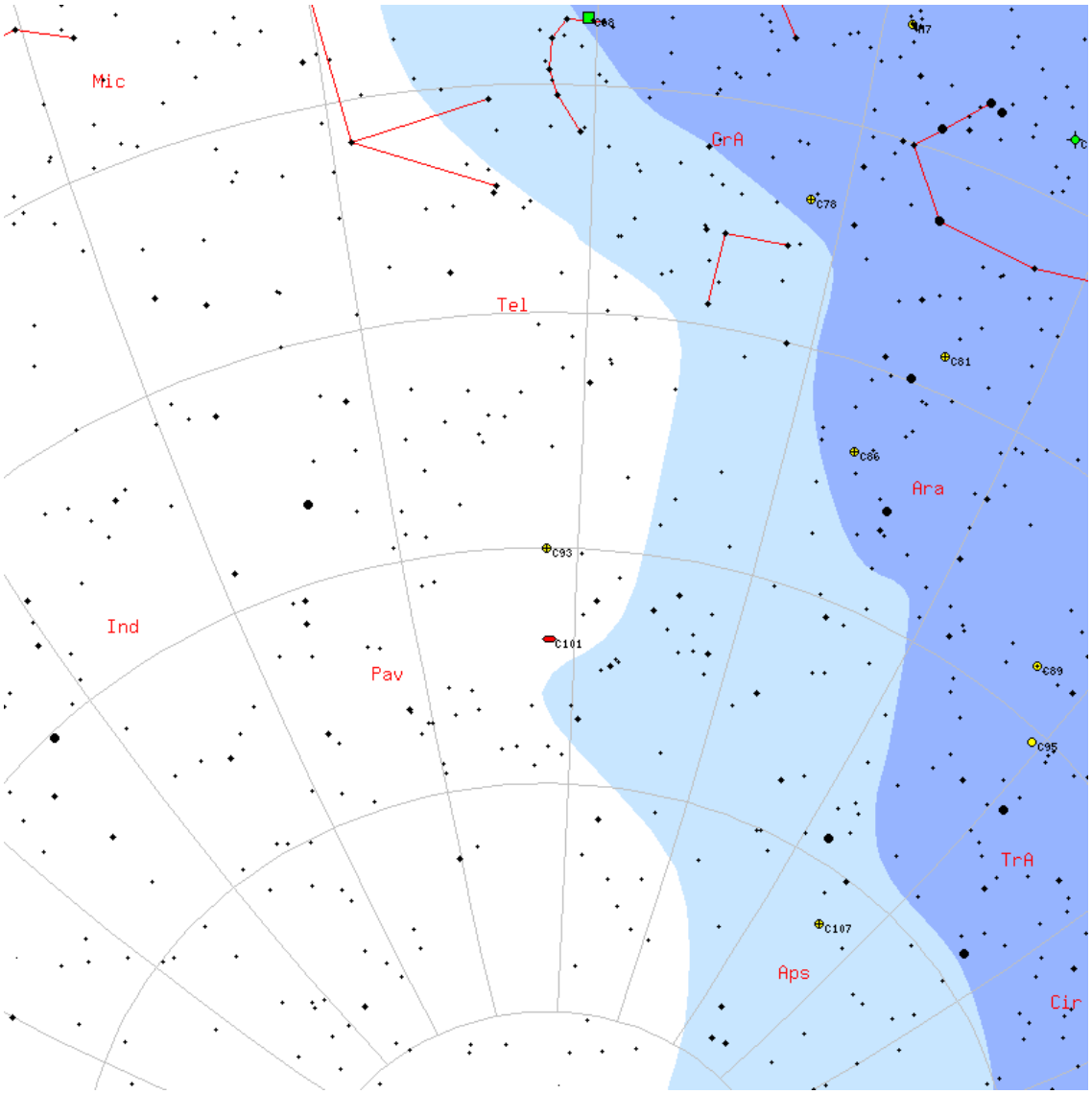
C92

M	C92	**ID**	NGC3372
Constellation	Car	**Type**	Nb
Magnitude	-	**Size**	120 x 120
RA	10h 43m	**Dec**	-59d 52m
Name	Eta Carinae Nebula/Keyhole nebula		
Description	! great neb, eta Car		



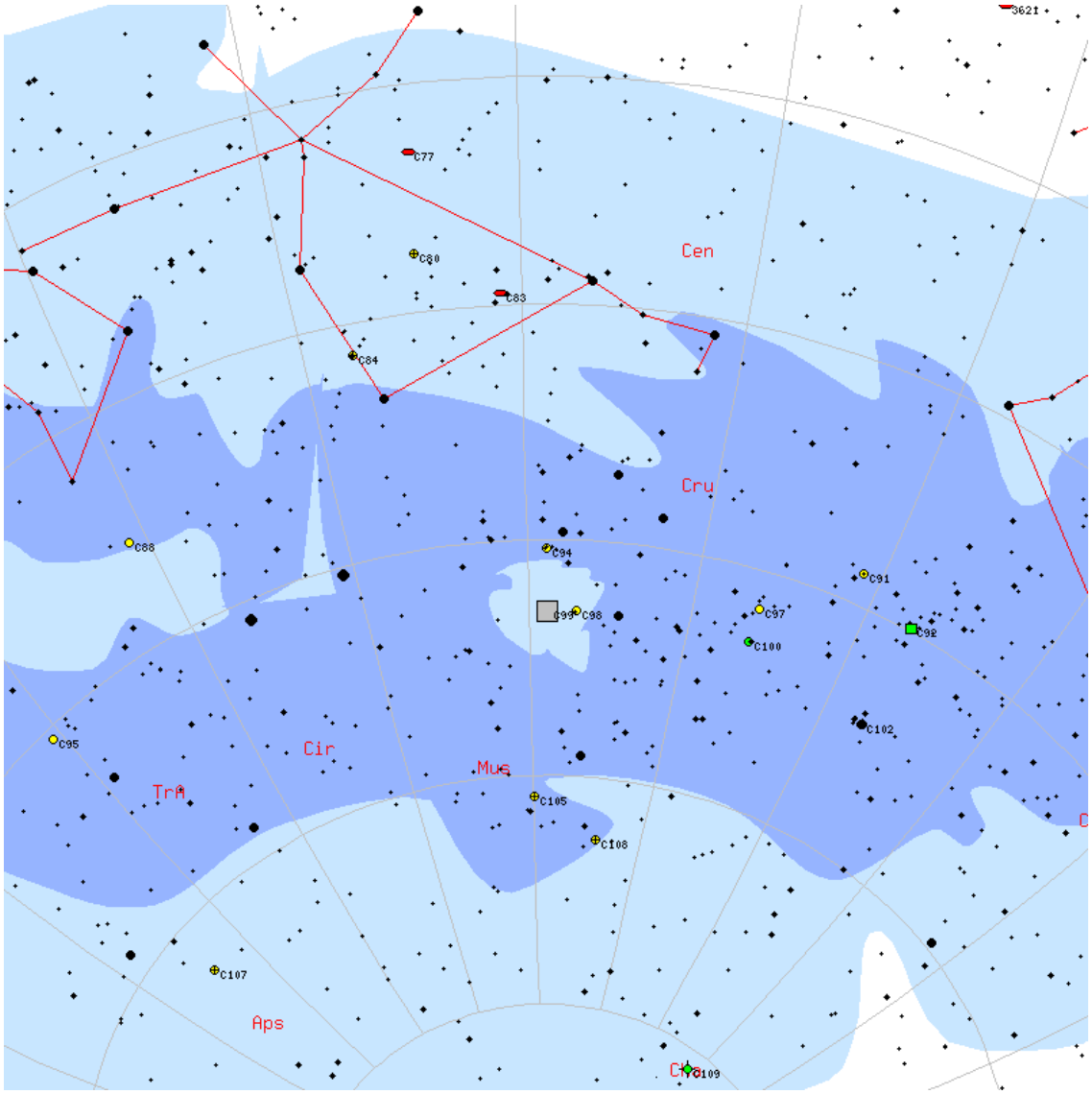


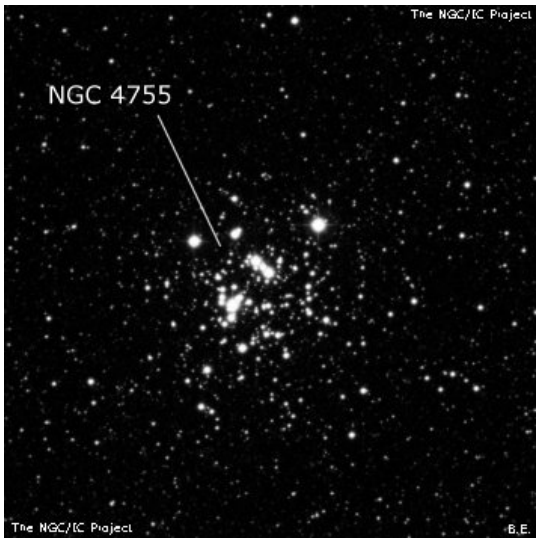
M	C93	**ID**	NGC6752
Constellation	Pav	**Type**	Gb
Magnitude	5.4	**Size**	20.4 x 20.4
RA	19h 10m	**Dec**	-59d 58m
Name	Starfish Cluster		
Description	glob. cl. , B, vL, iR, rrr, st 11...16		



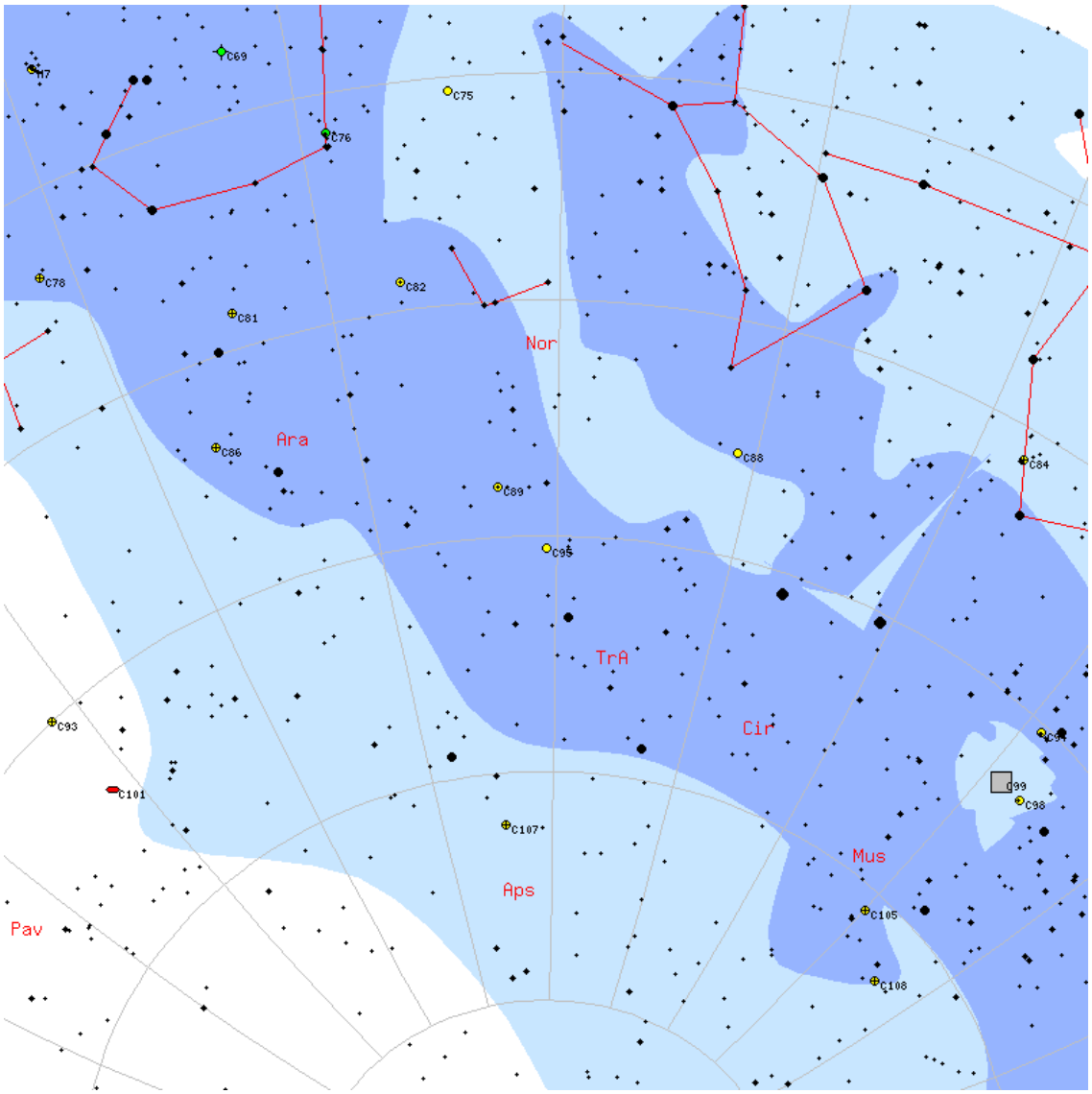
C94

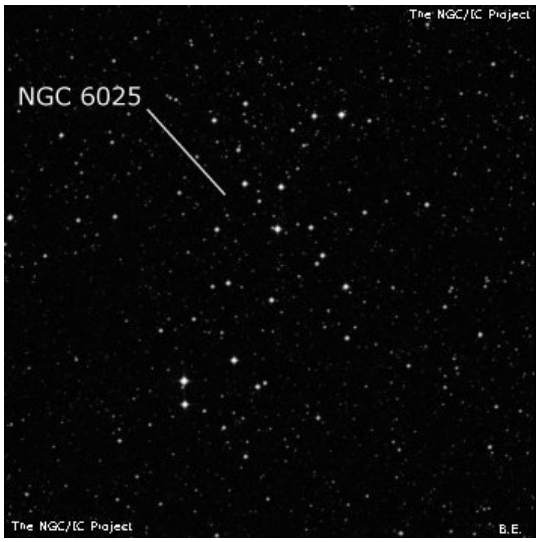
M	C94	**ID**	NGC4755
Constellation	Cru	**Type**	OC
Magnitude	4.2	**Size**	10 x 10
RA	12h 53m	**Dec**	-60d 19m
Name	Jewel Box/Kappa Cru Cluster		
Description	Cl, vL, st vB (kappa Cru)		





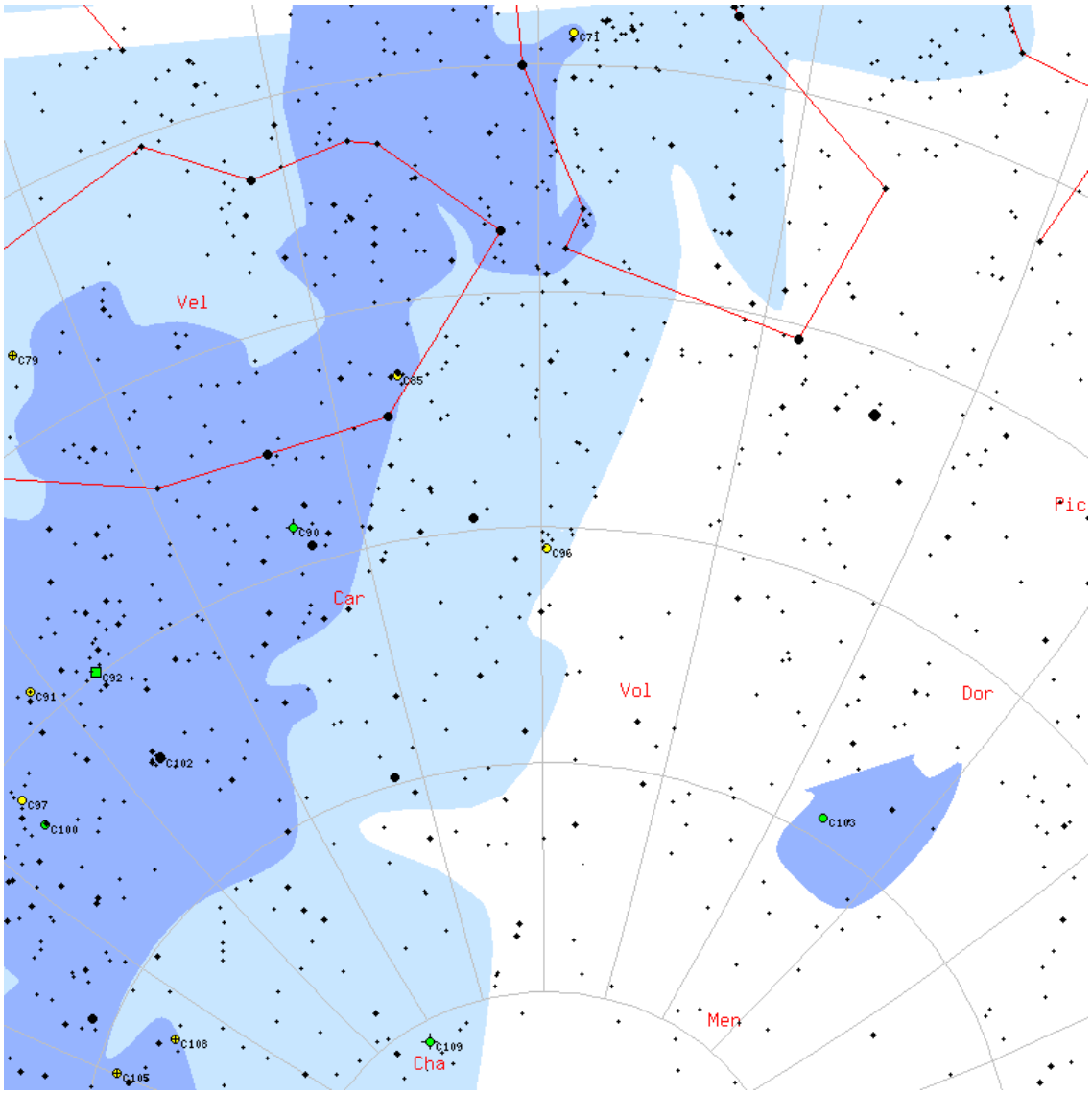
M	C95	**ID**	NGC6025
Constellation	TrA	**Type**	OC
Magnitude	5.1	**Size**	12 x 12
RA	16h 03m	**Dec**	-60d 30m
Name			
Description	Cl, B, vL, pRi, IC, st 7...		

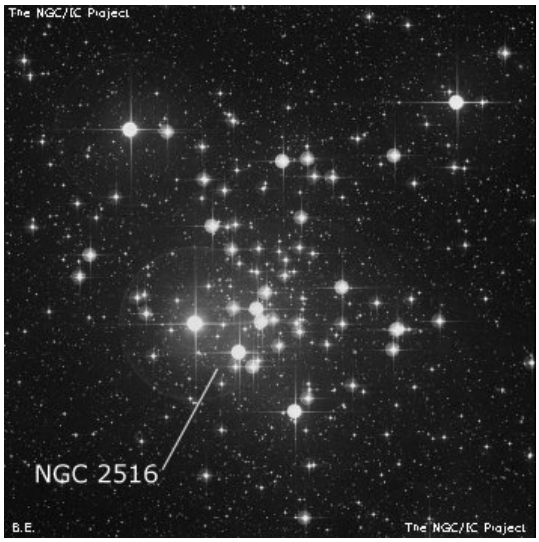




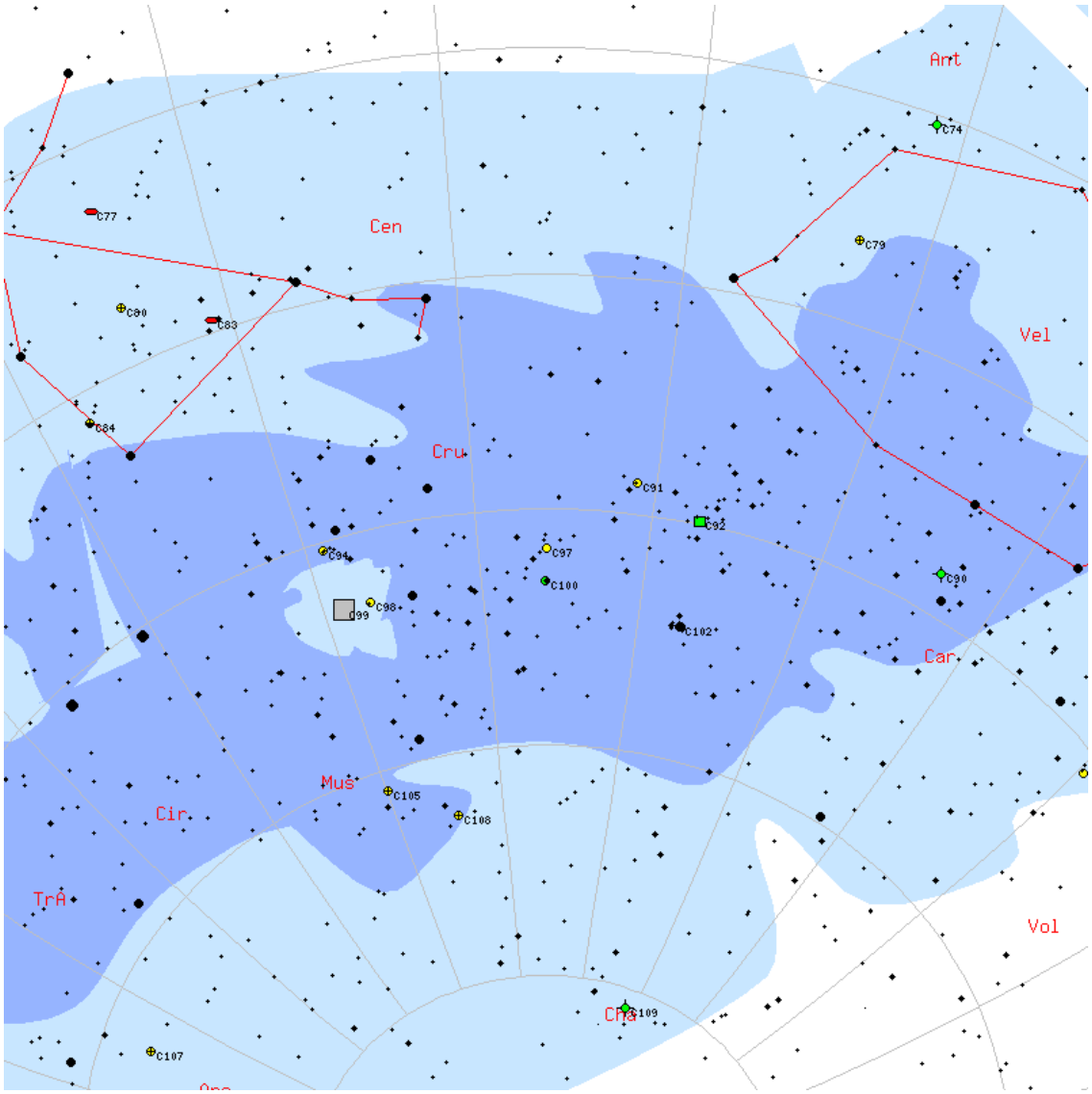
C96

M	C96	**ID**	NGC2516
Constellation	Car	**Type**	OC
Magnitude	3.8	**Size**	30 x 30
RA	07h 58m	**Dec**	-60d 52m
Name	Southern Beehive		
Description	Cl, vB, vL, pRi, st 7...13		



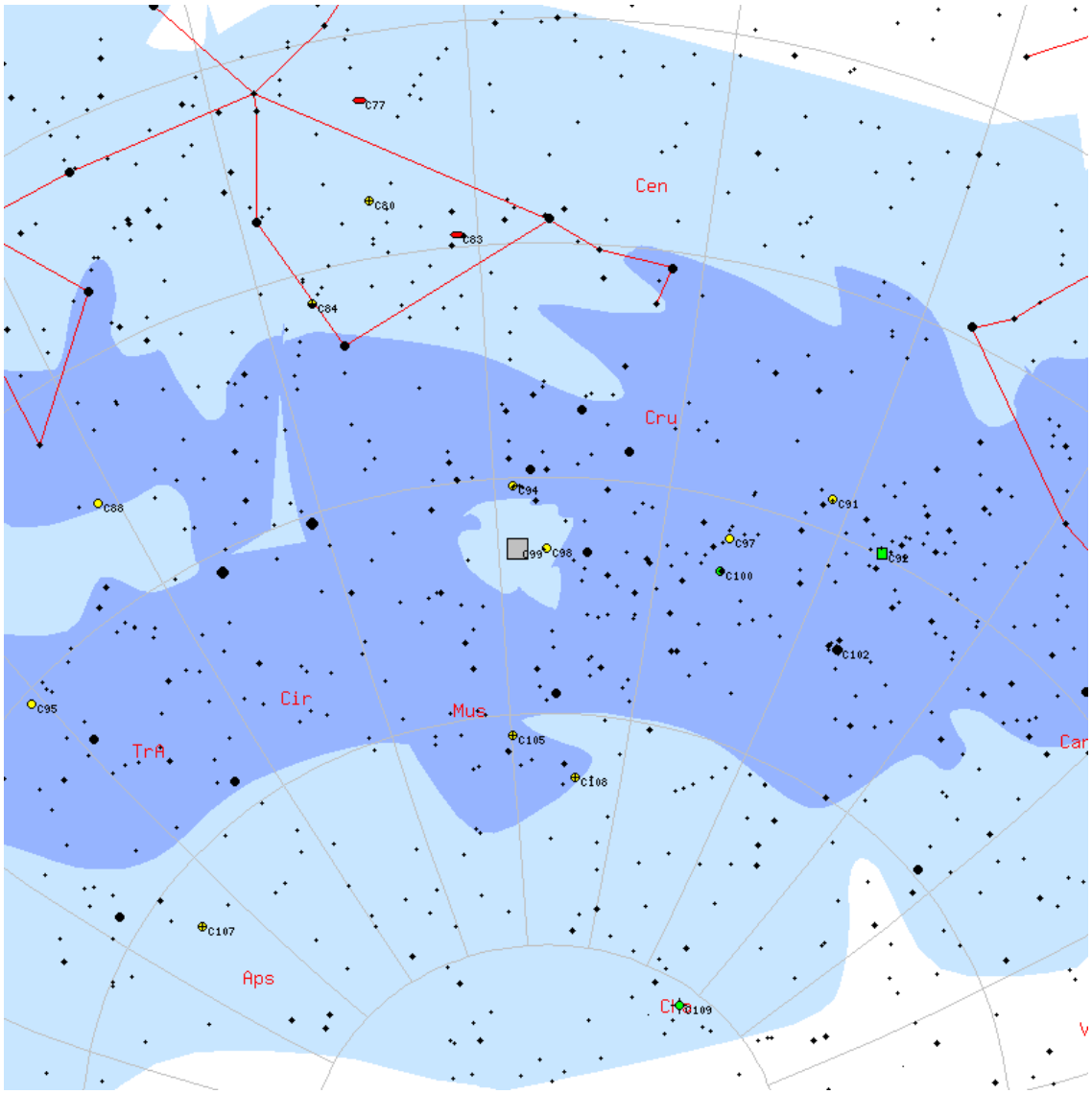


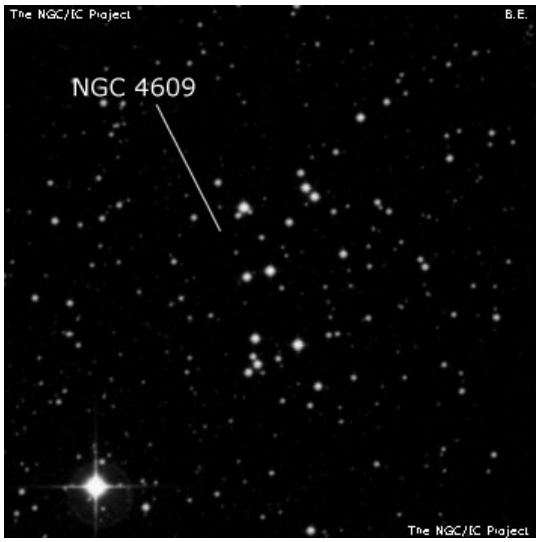
M	C97	**ID**	NGC3766
Constellation	Cen	**Type**	OC
Magnitude	5.3	**Size**	12 x 12
RA	11h 36m	**Dec**	-61d 37m
Name			
Description	Cl, pL, pRi, pC, st 8...13		



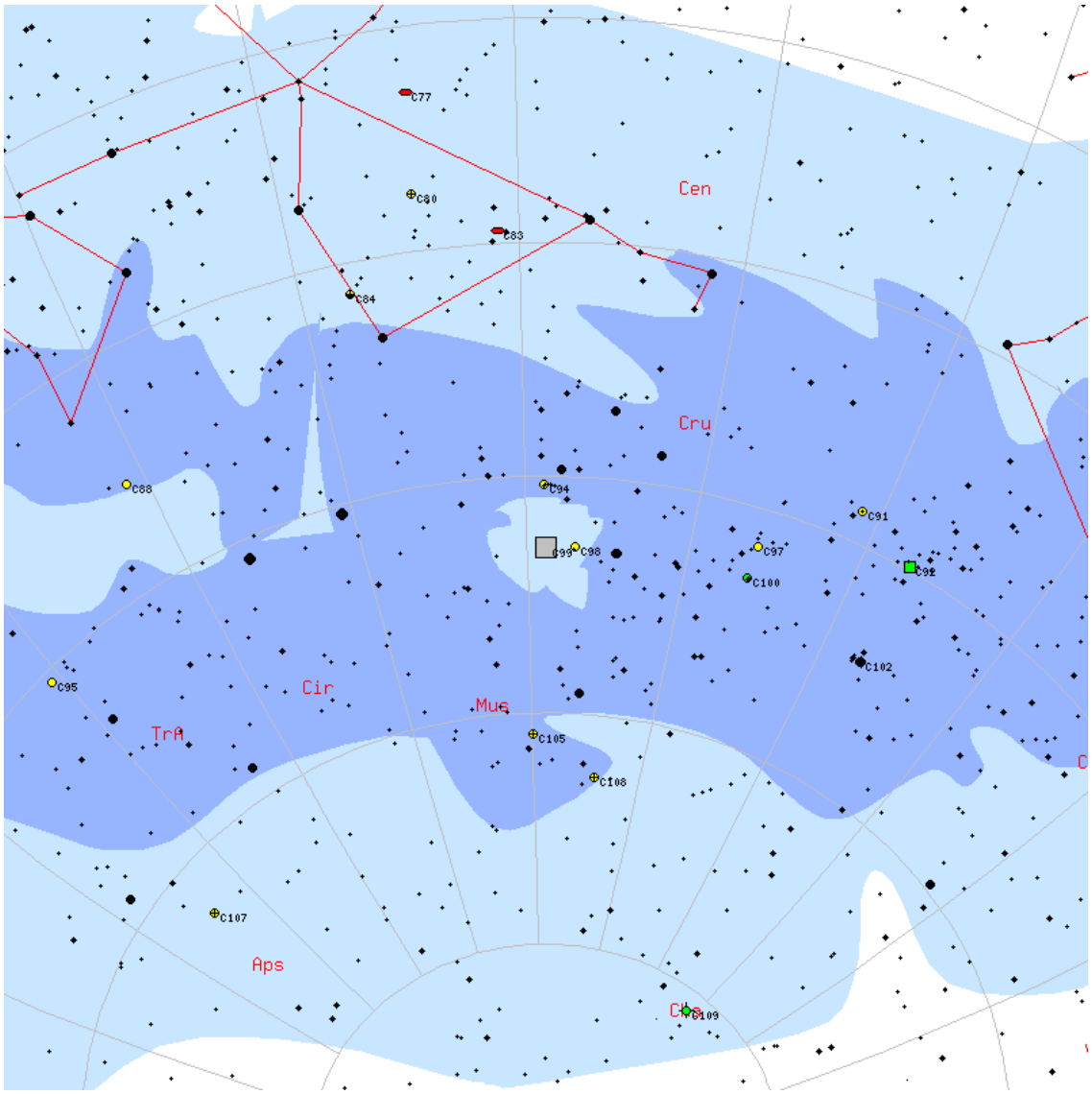
C98

M	C98	**ID**	NGC4609
Constellation	Cru	**Type**	OC
Magnitude	6.9	**Size**	5 x 5
RA	12h 42m	**Dec**	-62d 58m
Name			
Description	Cl, pL, pC, cE, st 10		



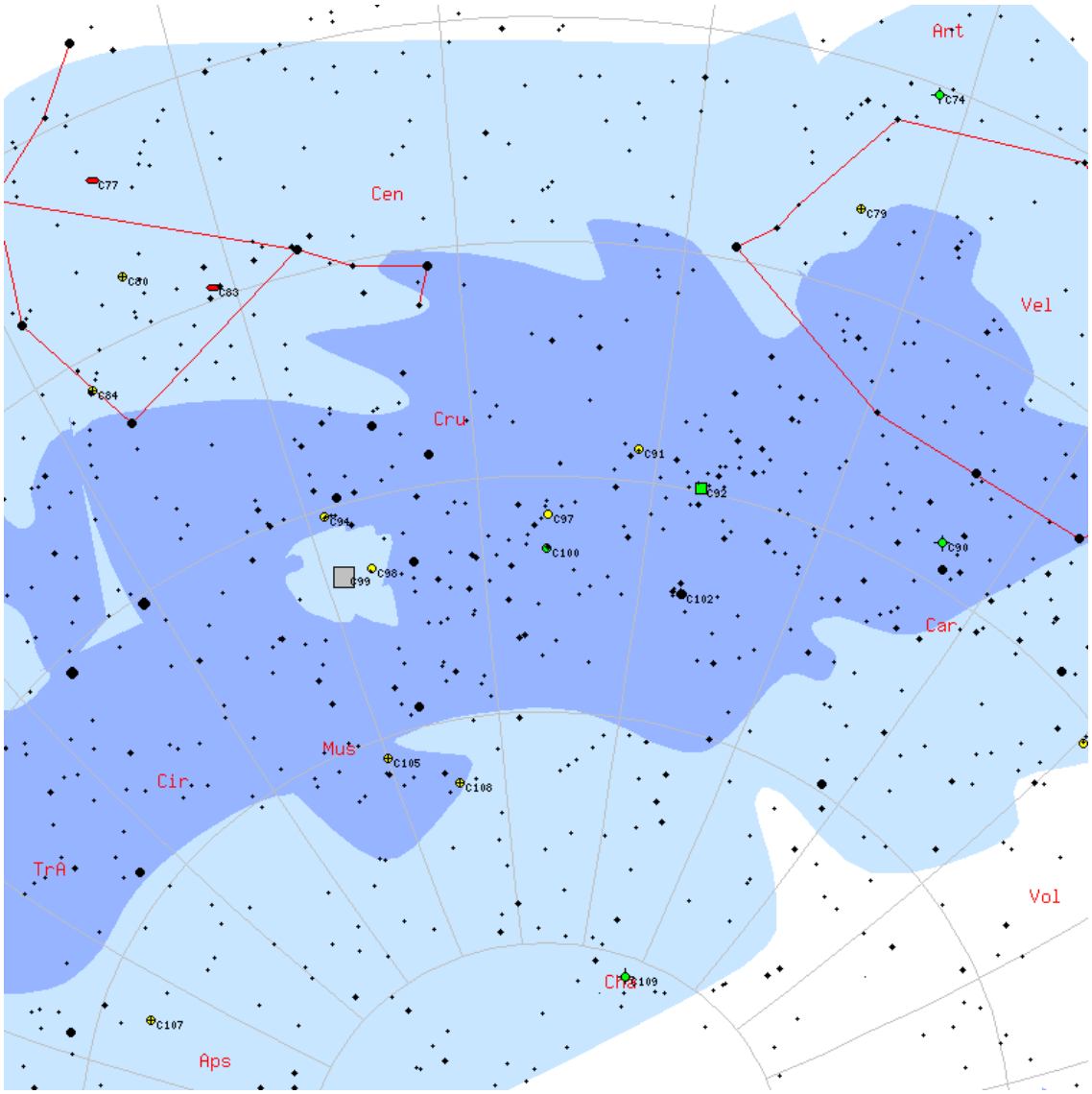


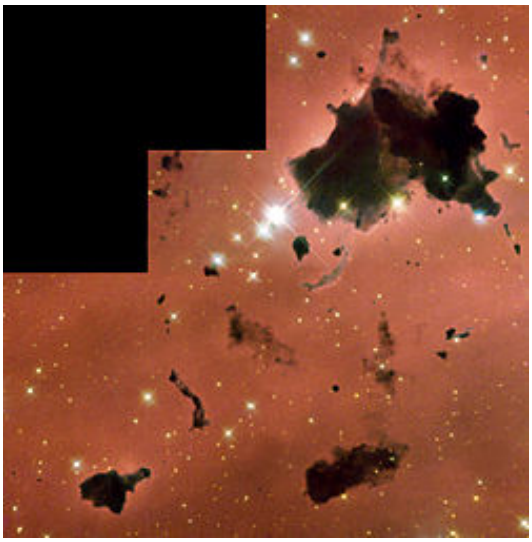
M	C99	**ID**	-
Constellation	Cru	**Type**	Dn
Magnitude	-	**Size**	400 x 300
RA	12h 52m	**Dec**	-63d 00m
Name	Coal Sack		
Description			



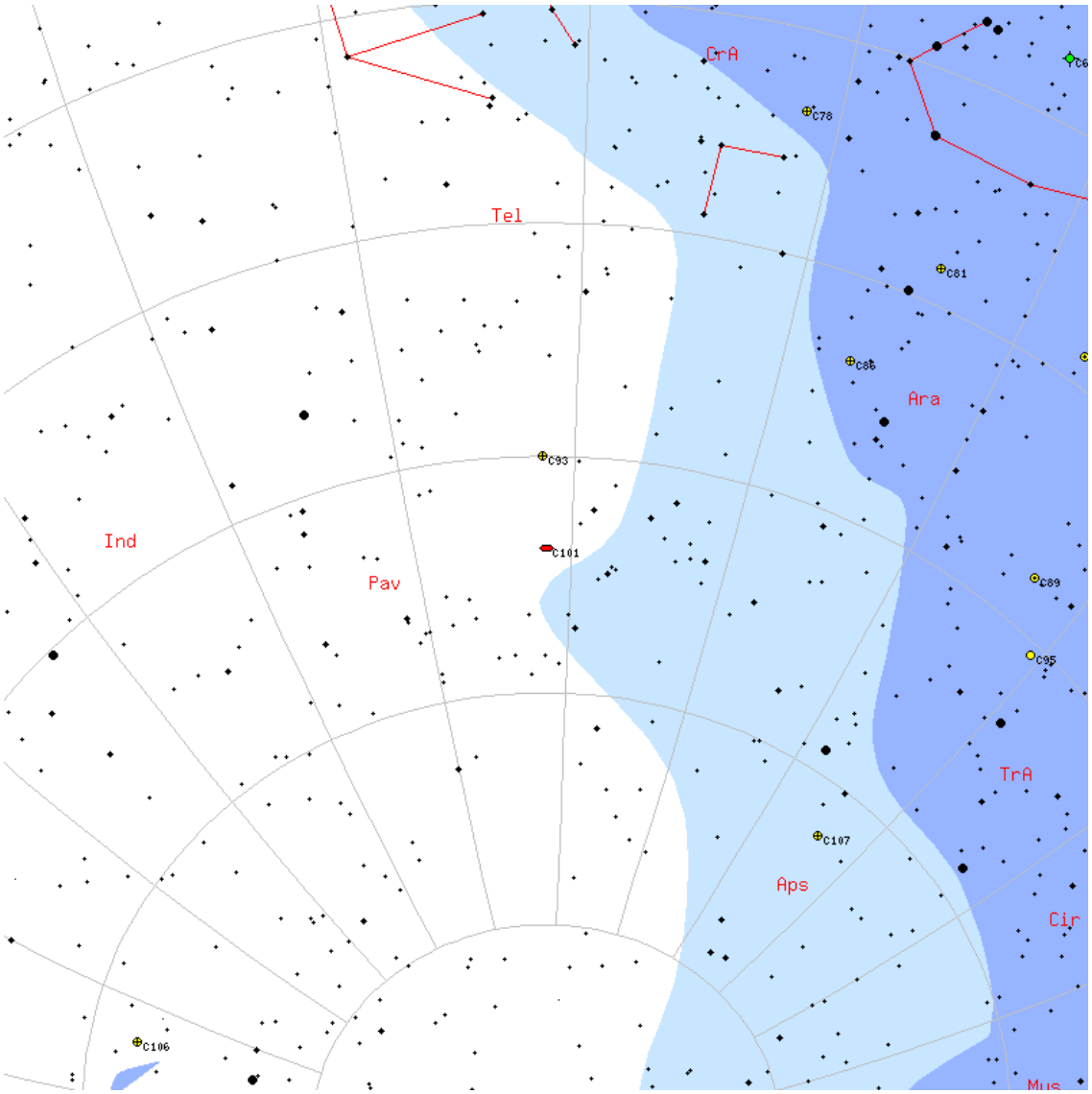
C100

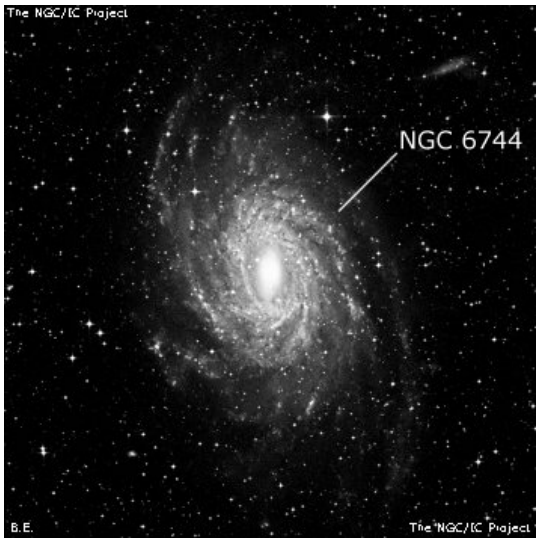
M	C100	**ID**	IC2944
Constellation	Cen	**Type**	CN
Magnitude	4.5	**Size**	75 x 75
RA	11h 36m	**Dec**	-63d 01m
Name	Lambda Cen Nebula, Running Chicken Nebula		
Description	*3.4 in eL neb		





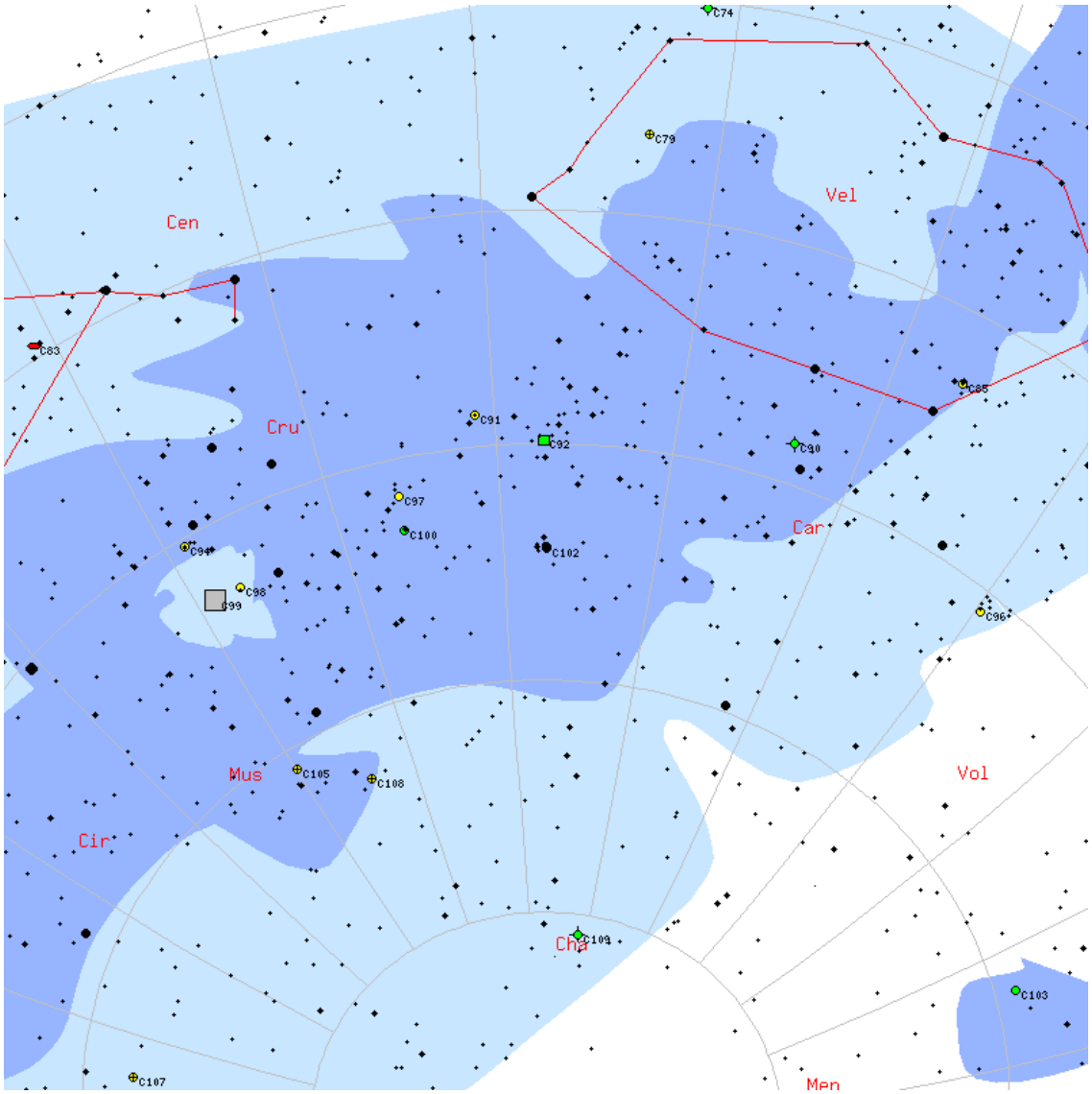
M	C101	**ID**	NGC6744
Constellation	Pav	**Type**	Gx
Magnitude	9	**Size**	0.9 x 0.4
RA	19h 09m	**Dec**	-63d 51m
Name			
Description	cB, cL, R, vg, svmbM, r		



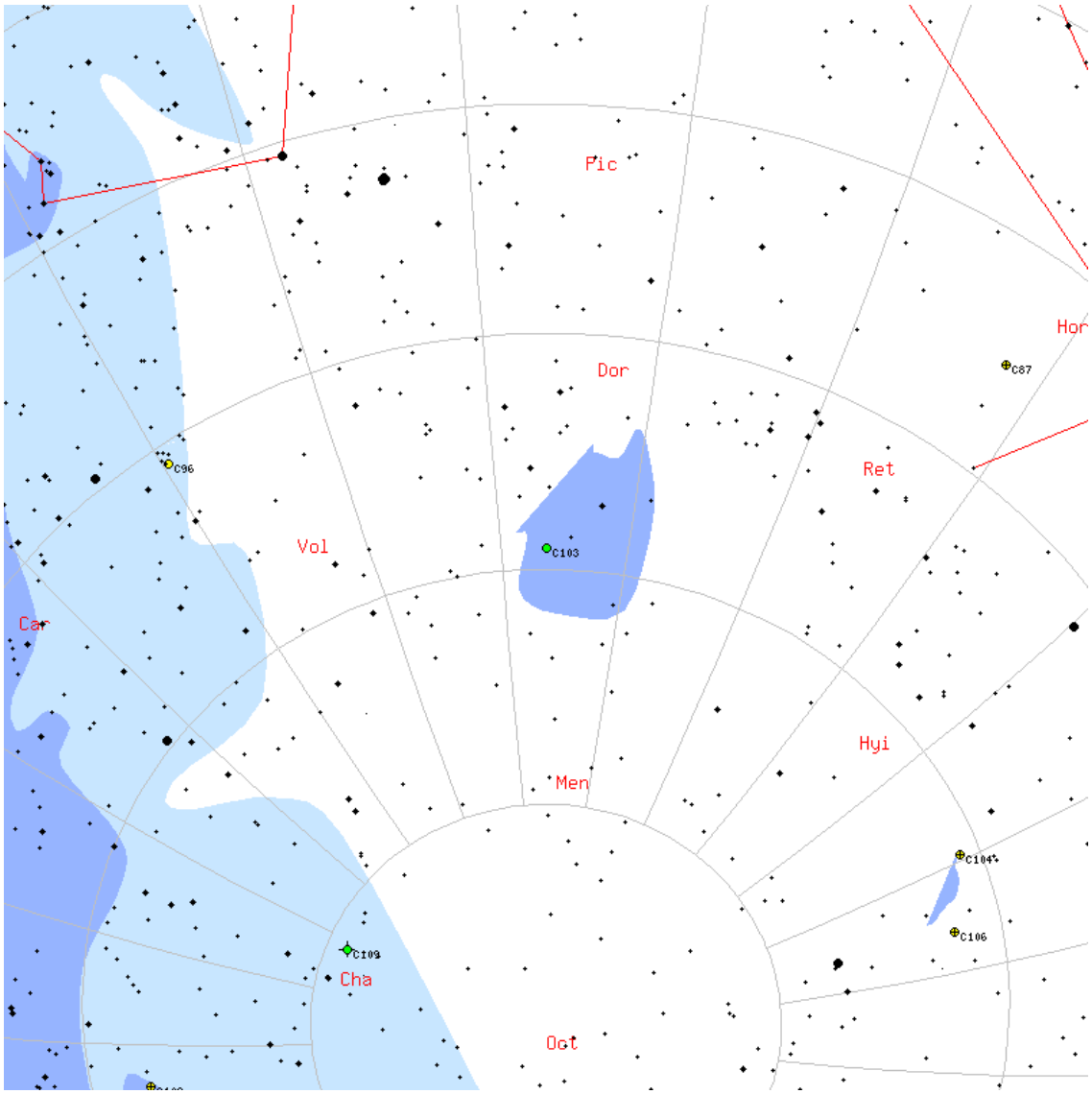


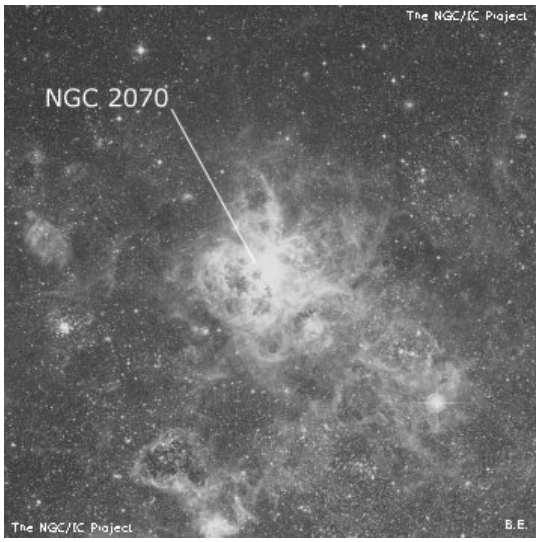
C102

M	C102	**ID**	IC2602
Constellation	Car	**Type**	OC
Magnitude	1.9	**Size**	50 x 50
RA	10h 43m	**Dec**	-64d 24m
Name	Southern Pleiades/Theta Car Cluster		
Description	Cl, co, incl theta Car		



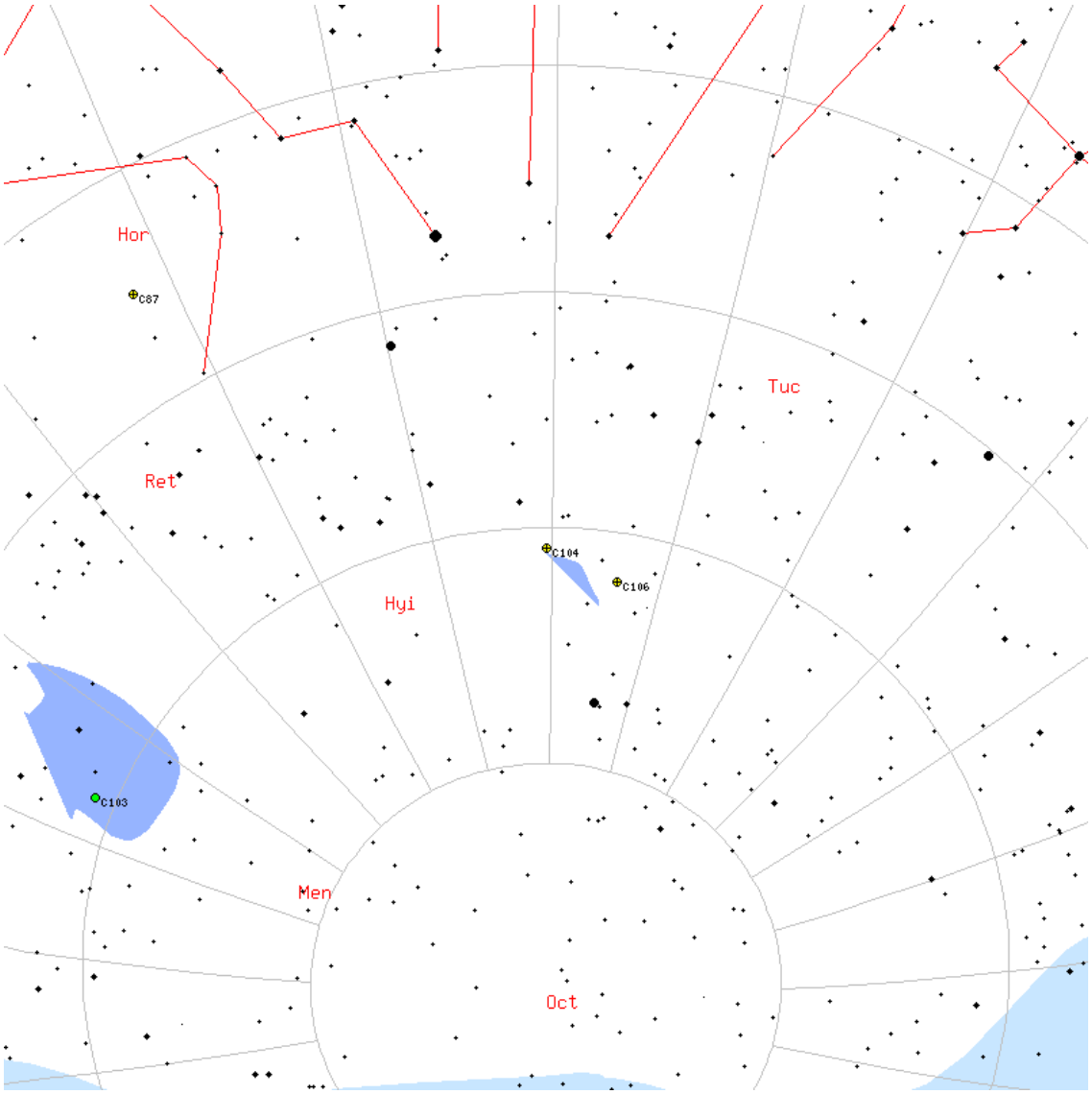
M	C103	**ID**	NGC2070
Constellation	Dor	**Type**	CN
Magnitude	8.2	**Size**	40 x 40
RA	05h 38m	**Dec**	-69d 04m
Name	Tarantula Nebula		
Description	!!! vB, vL, looped		

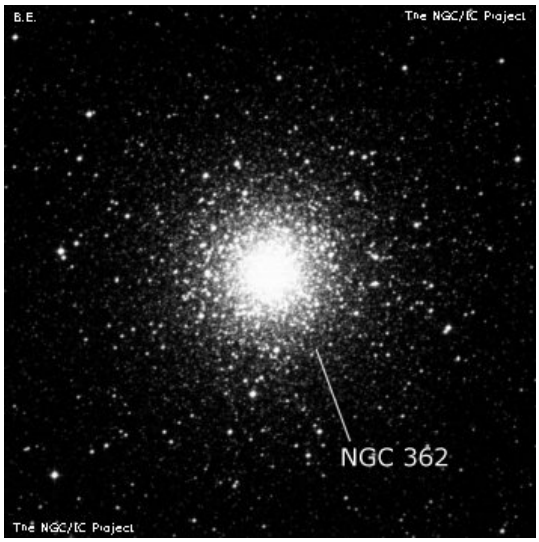




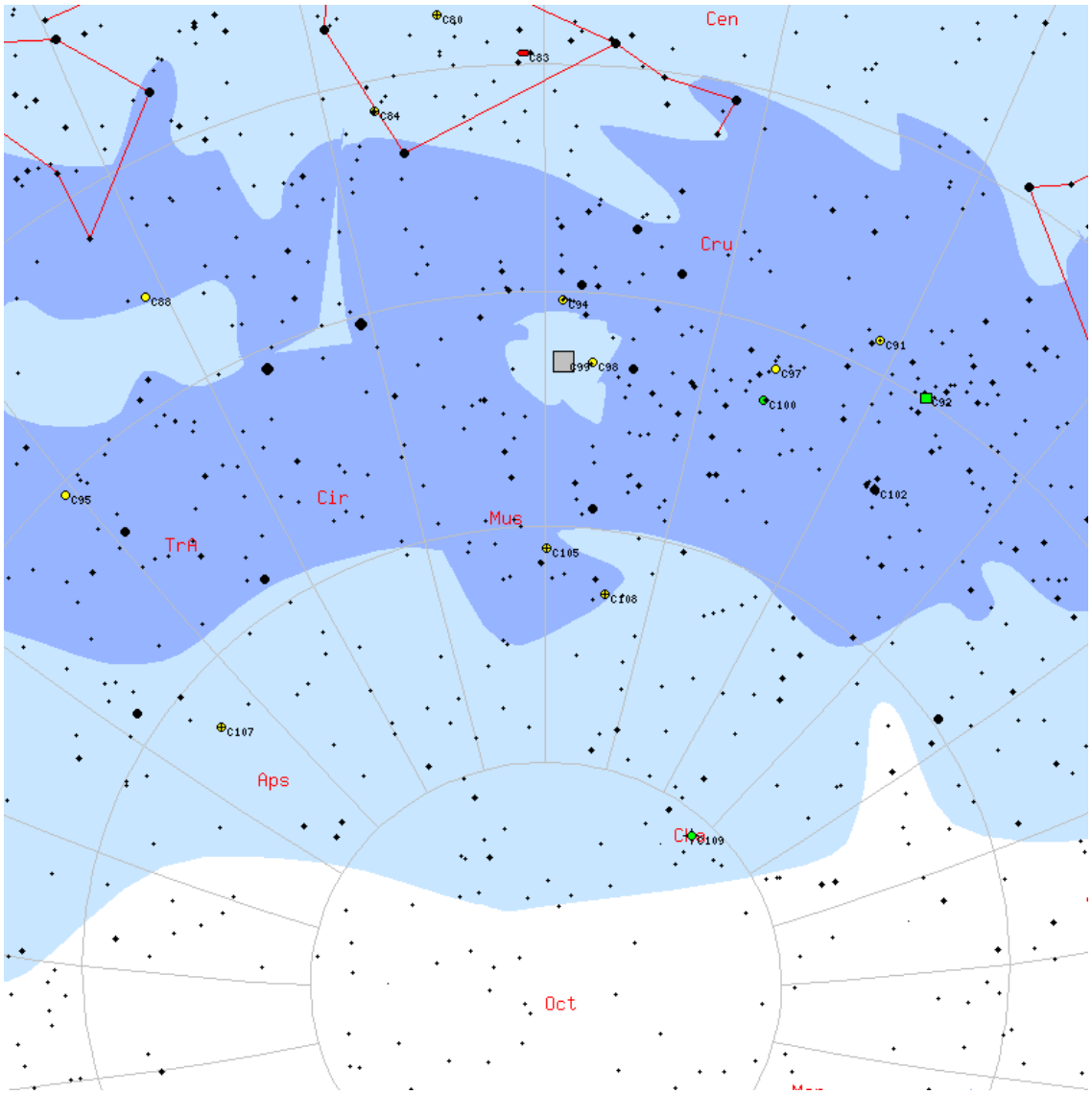
C104

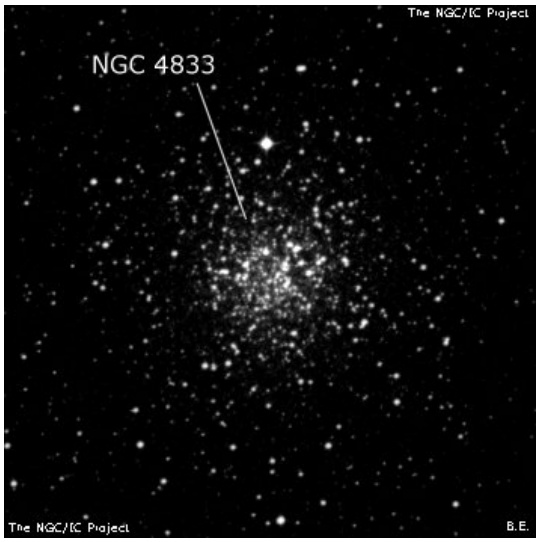
M	C104	**ID**	NGC362
Constellation	Tuc	**Type**	Gb
Magnitude	6.6	**Size**	12.9 x 12.9
RA	01h 03m	**Dec**	-70d 50m
Name			
Description	glob. cl. , vB, vL, vC, vmbM st 13-14		





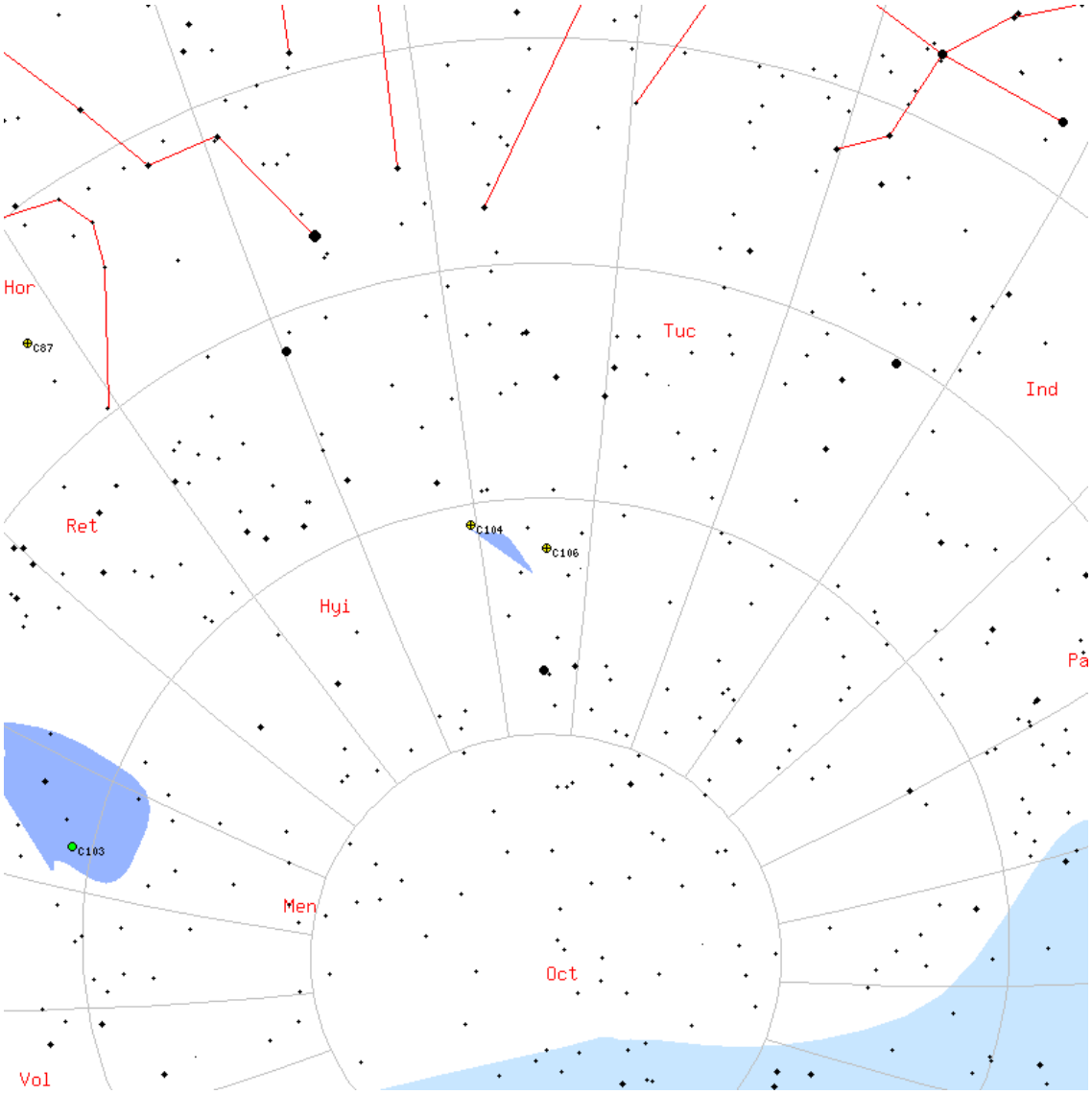
M	C105	**ID**	NGC4833
Constellation	Mus	**Type**	Gb
Magnitude	7.4	**Size**	13.5 x 13.5
RA	13h 00m	**Dec**	-70d 52m
Name	Southern Butterfly		
Description	glob. cl. , B, L, R, g, vsbM, st 12		

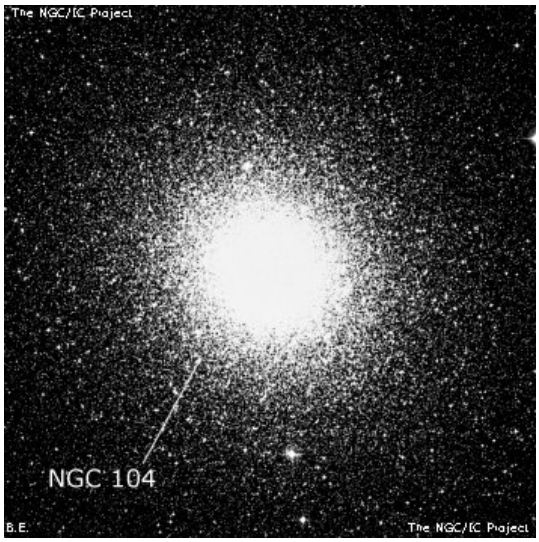




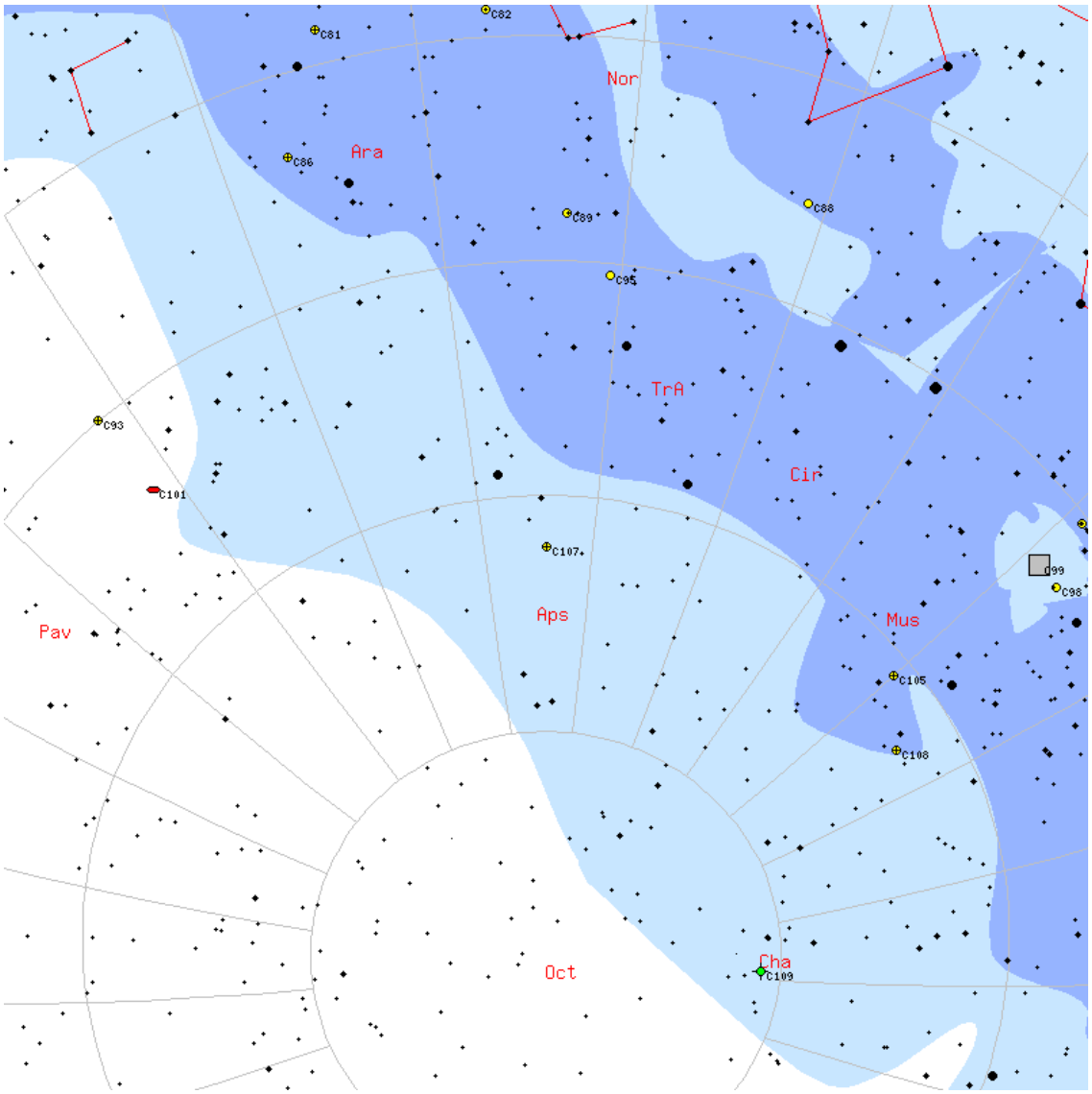
C106

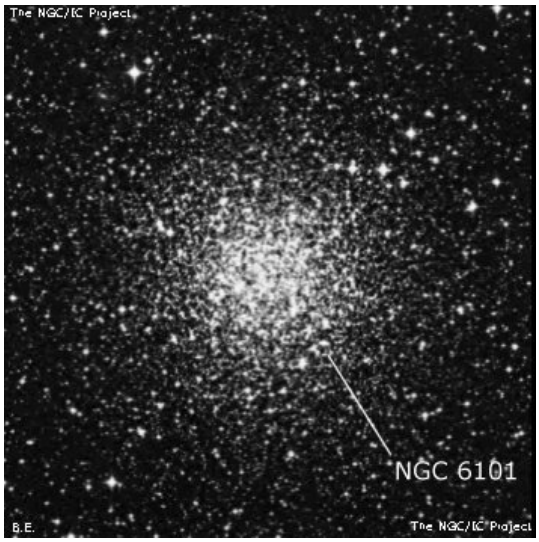
M	C106	**ID**	NGC104
Constellation	Tuc	**Type**	Gb
Magnitude	4	**Size**	30.9 x 30.9
RA	00h 24m	**Dec**	-72d 04m
Name	47 Tucanae		
Description	glob. cl. !! vB, vL, vmCM		





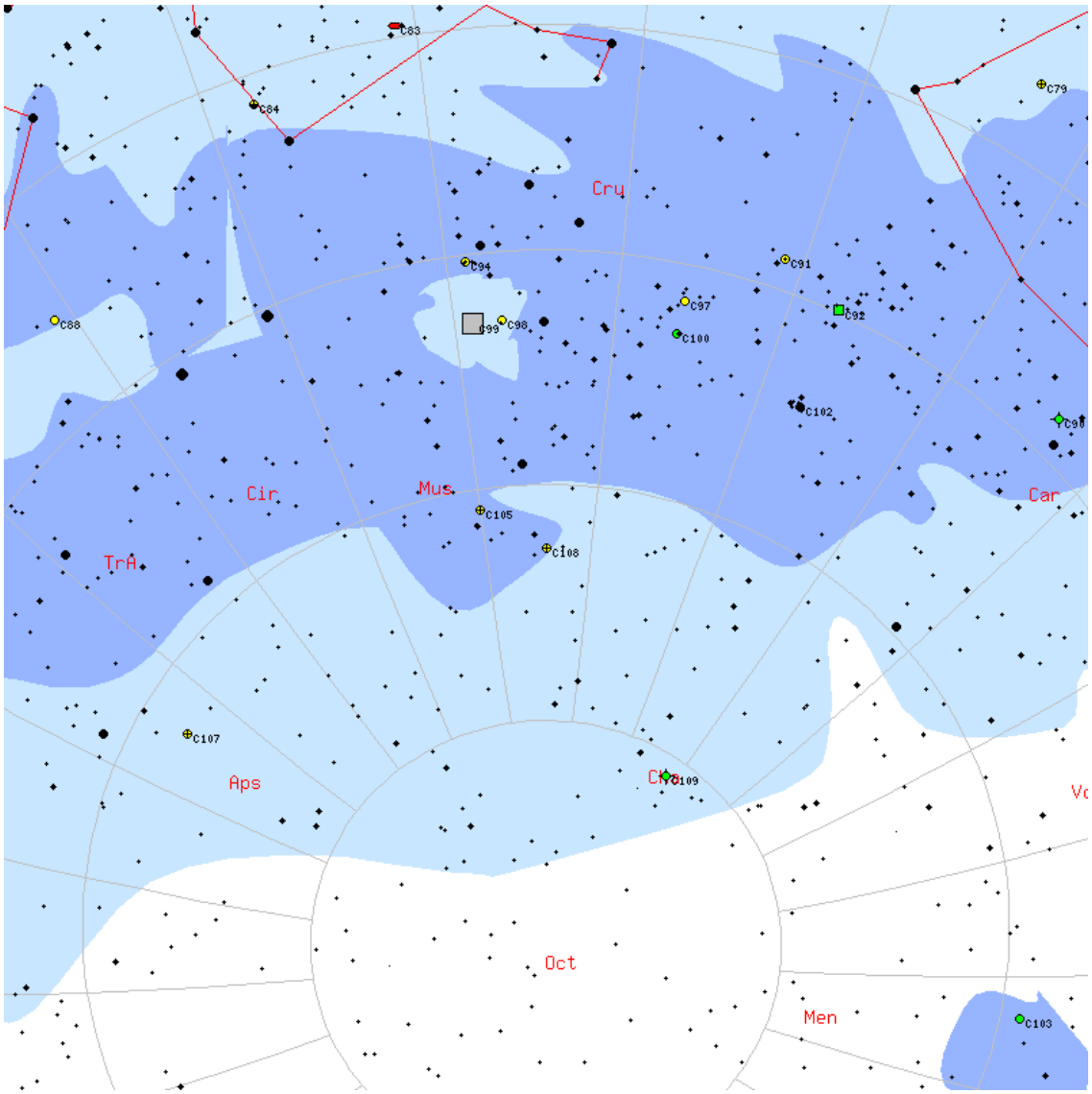
M	C107	**ID**	NGC6101
Constellation	Aps	**Type**	Gb
Magnitude	9.3	**Size**	10.7 x 10.7
RA	16h 25m	**Dec**	-72d 12m
Name			
Description	glob. cl. , pF, L, iR, vgbM, rr, st 14		

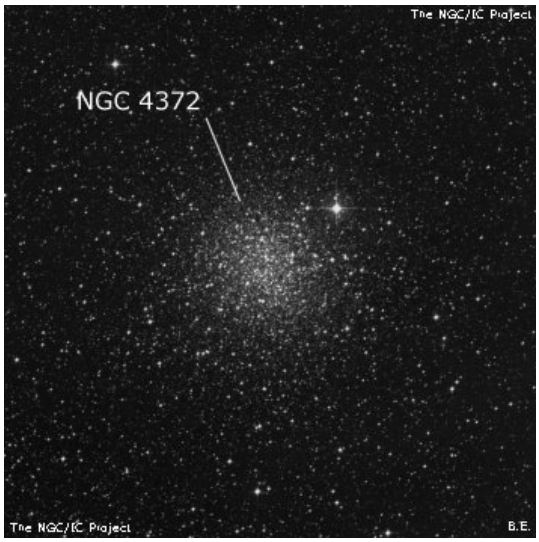
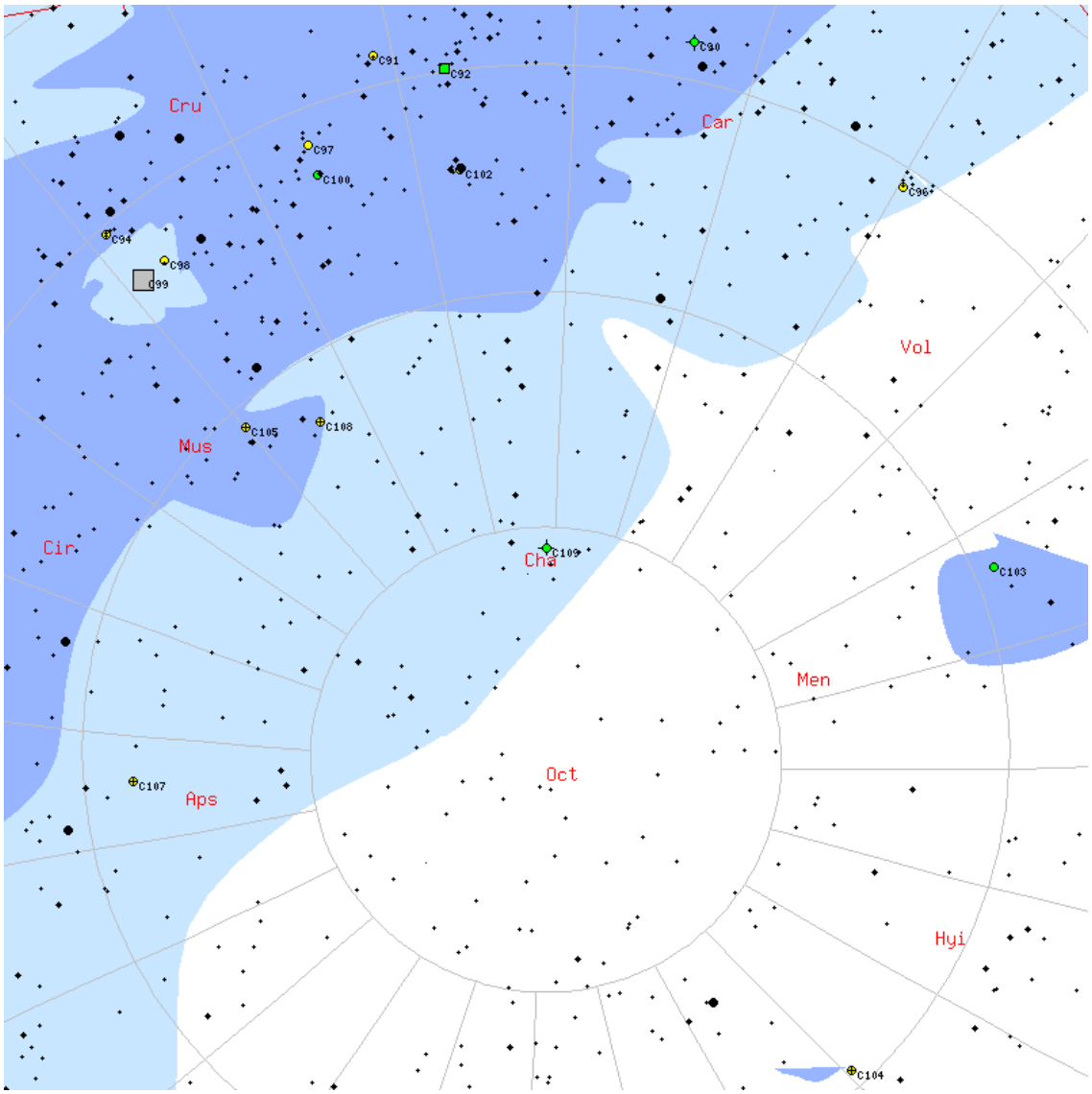




C108

M	C108	**ID**	NGC4372
Constellation	Mus	**Type**	Gb
Magnitude	7.8	**Size**	18.6 x 18.6
RA	12h 25m	**Dec**	-72d 40m
Name			
Description	glob. cl. , pF, L, R, st 12...16		





M	C109	**ID**	NGC3195
Constellation	Cha	**Type**	Pl
Magnitude	-	**Size**	0.6 x 0.6
RA	10h 09m	**Dec**	-80d 52m
Name			
Description	! PN , pB, S, lE, 13s d, 3 S st nr