Herschel 400 Deep Sky Catalogue

Jim Cornmell

v0.1 - January 2013

INTRODUCTION

Welcome to my Herschel 400 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:

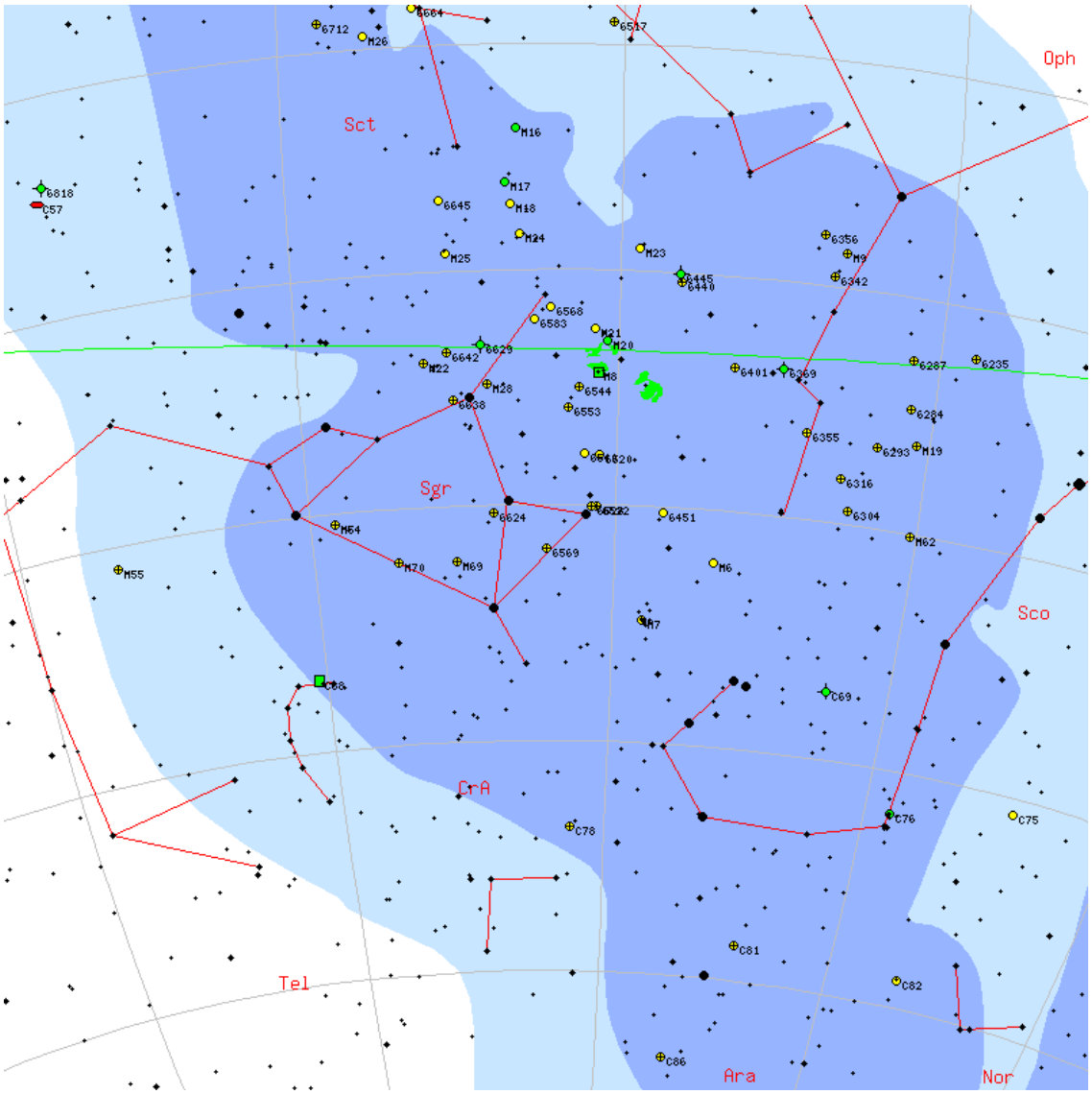
- The page number councides with the objects ID
- Each page has the same layout
- All information coincides with information from my website http://www.JimsCosmos.com/

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.

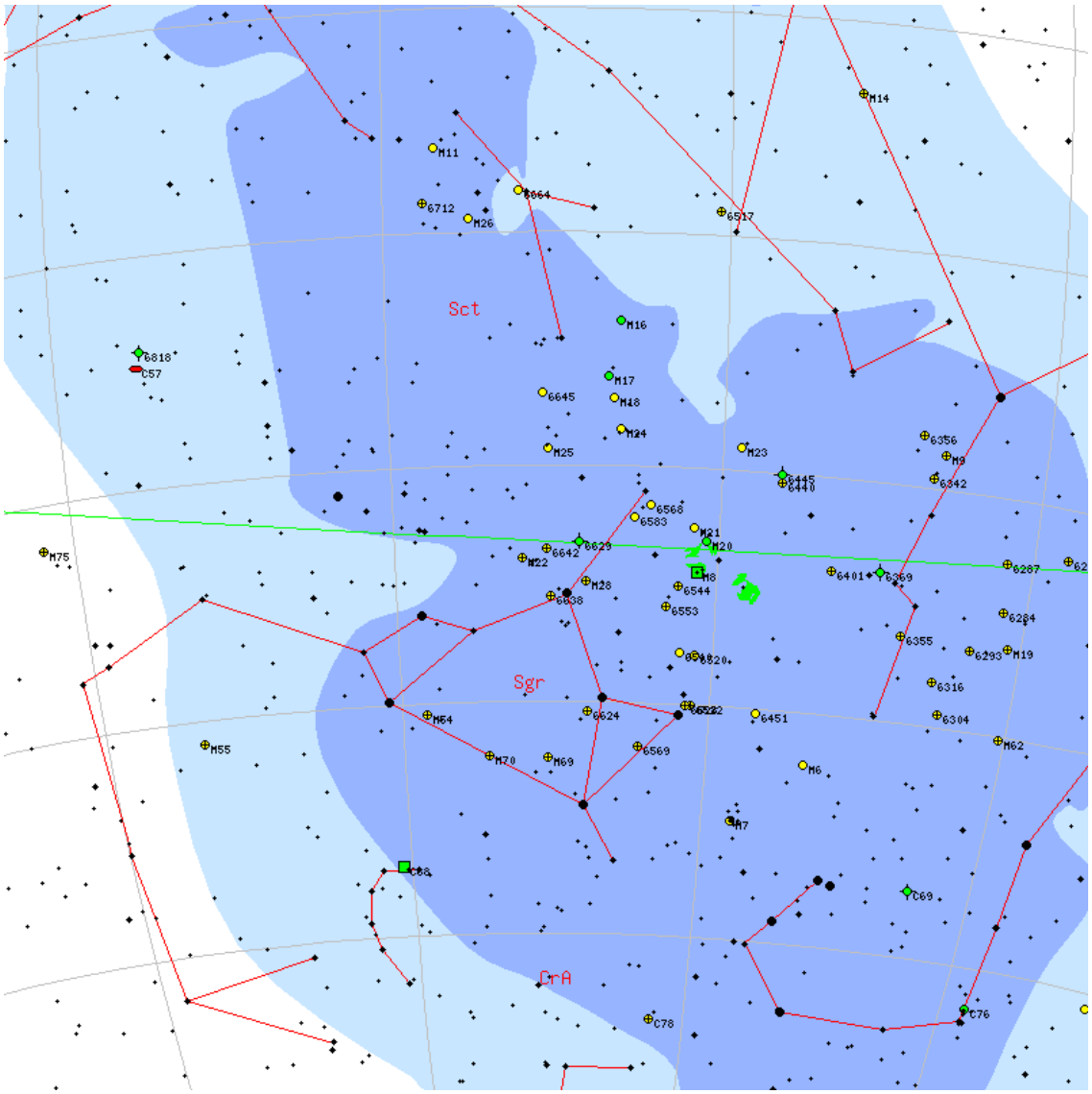
NGC6569

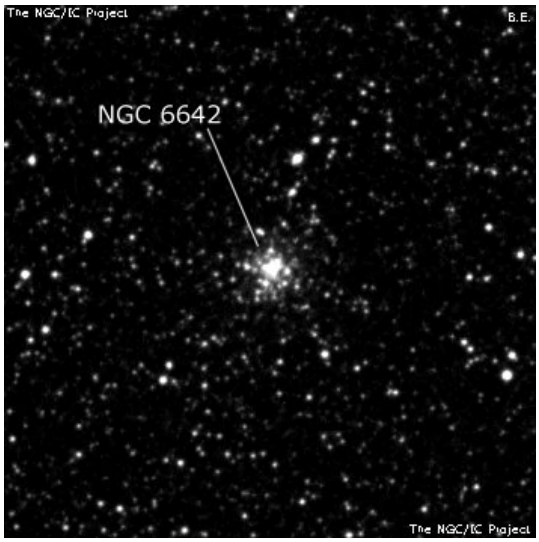
M	NGC6569	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	8.7	**Size**	5.8 x 5.8
RA	18h 13m	**Dec**	-31d 49m
Name			
Description	glob. cl. , cB, L, R, rrr, st 15...		



NGC6642

M	NGC6642	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	8.8	**Size**	4.5 x 4.5
RA	18h 31m	**Dec**	-23d 28m
Name			
Description	glob. cl. , pB, pL, iR, gpmbM rrr, st 16		



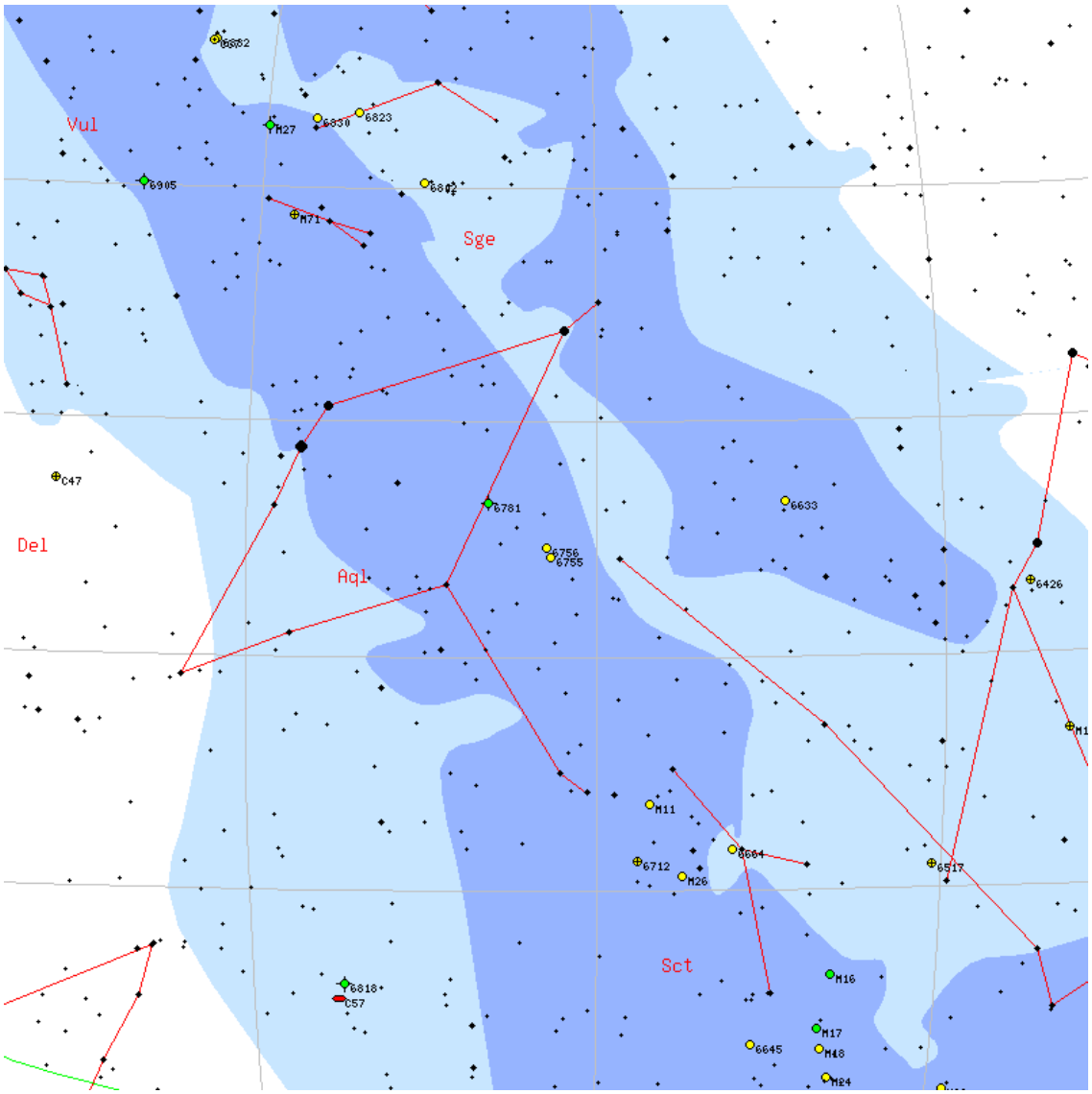


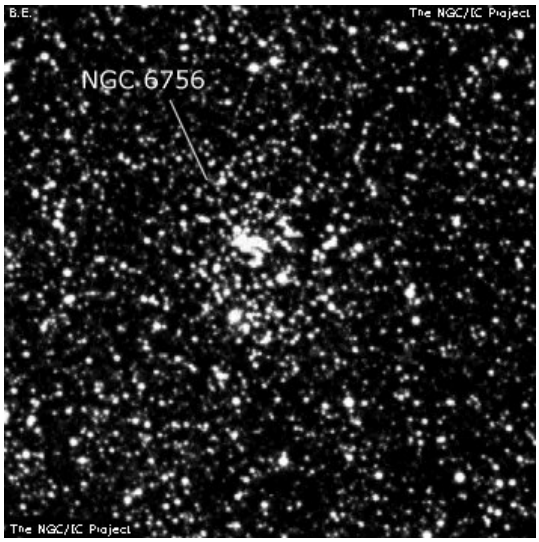
NGC40

M	NGC40	**ID**	-
Constellation	Cep	**Type**	PI
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		

NGC6756

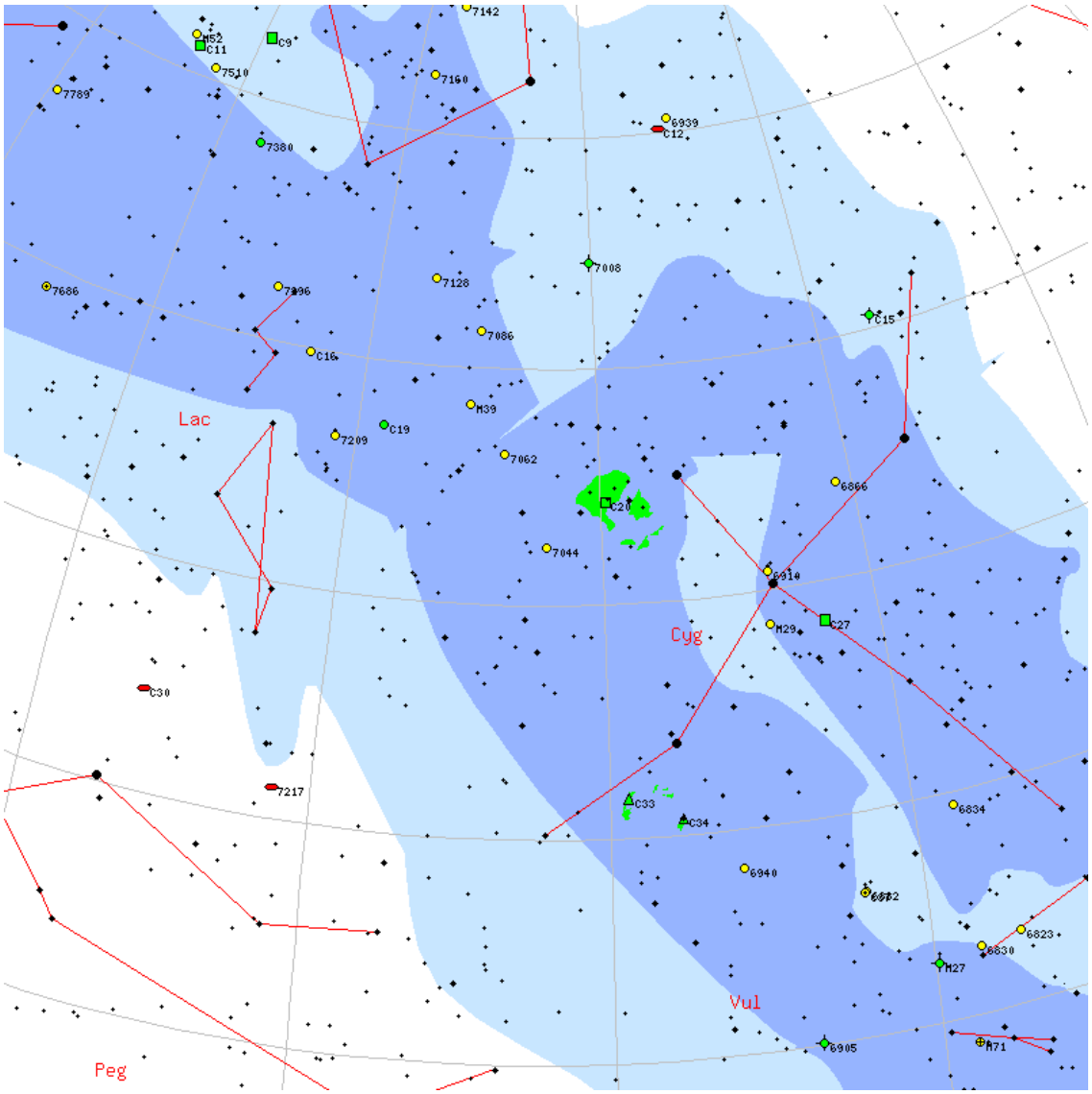
M	NGC6756	**ID**	-
Constellation	Aql	**Type**	OC
Magnitude	11	**Size**	4 x 4
RA	19h 08m	**Dec**	+04d 40m
Name			
Description	Cl, S, Ri, IC, st 11...12		

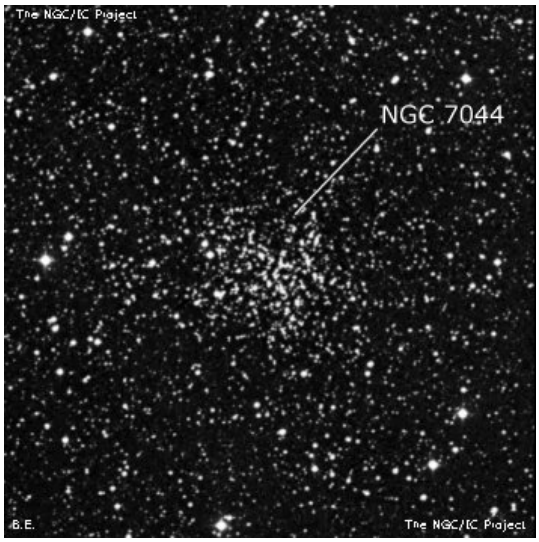




NGC7044

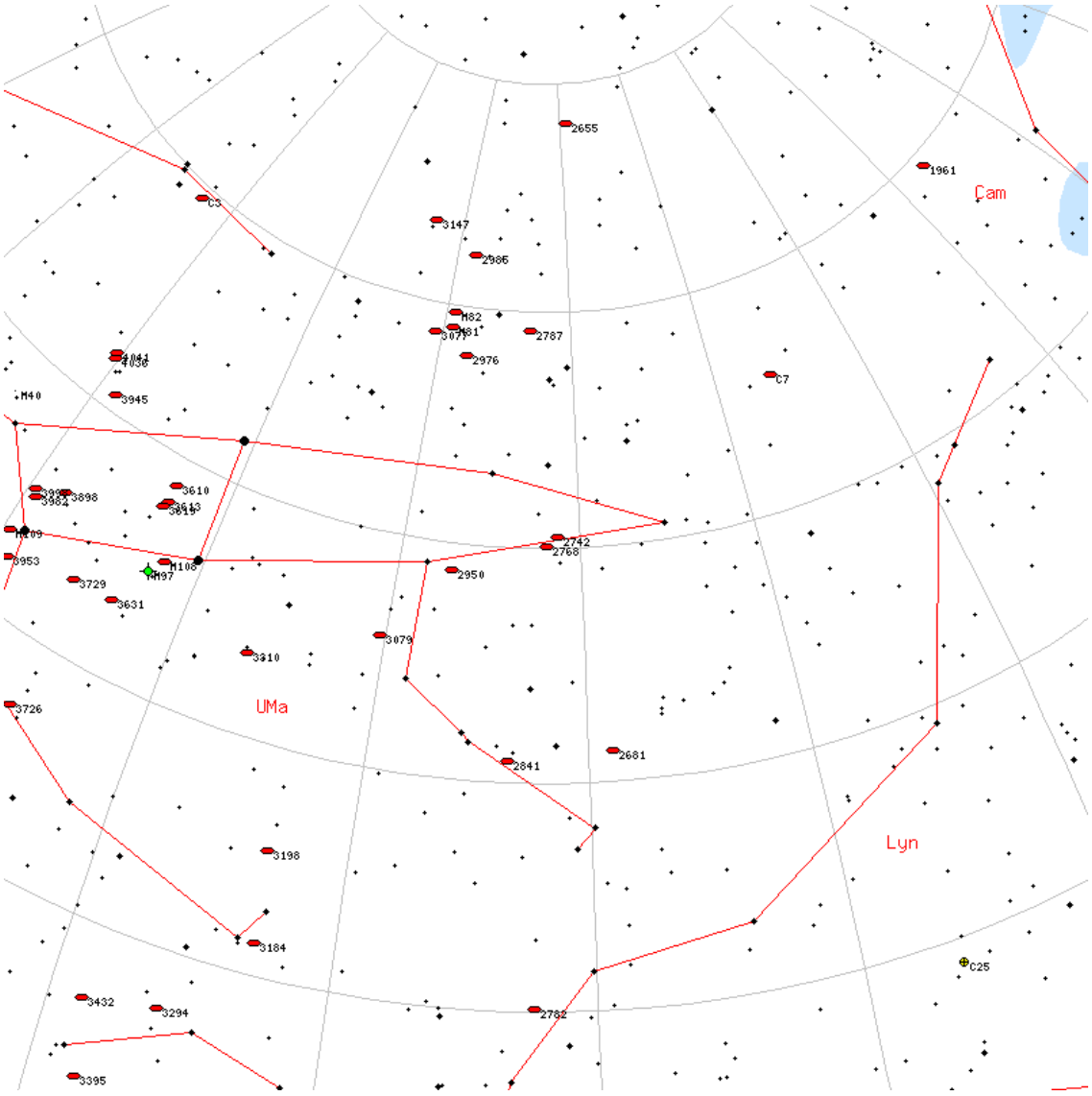
M	NGC7044	**ID**	-
Constellation	Cyg	**Type**	OC
Magnitude	11	**Size**	x
RA	21h 12m	**Dec**	+42d 28m
Name			
Description	Cl, vF, pL, vRi, vC st 15...18		

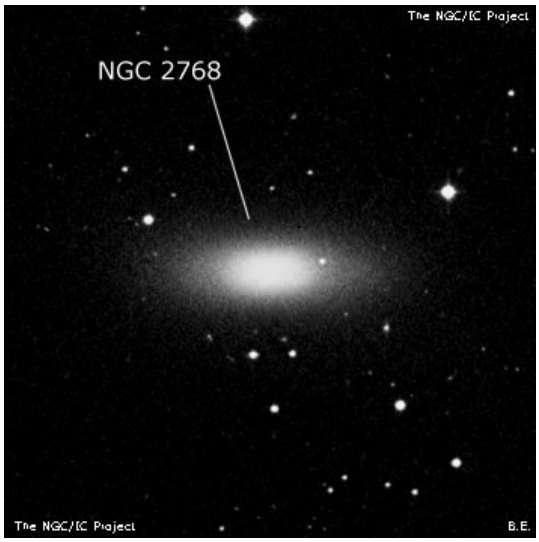




NGC2768

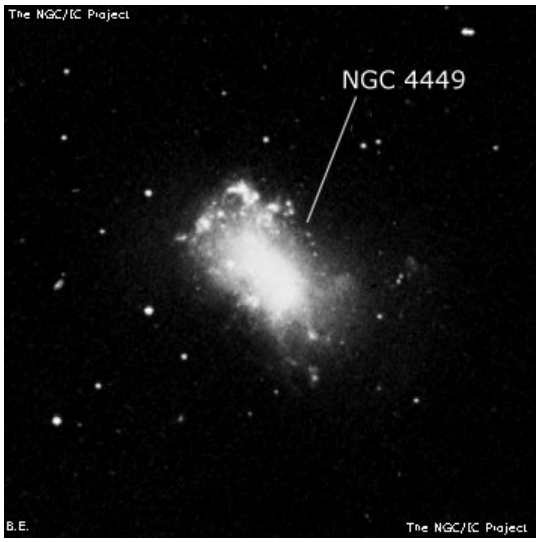
M	NGC2768	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10	**Size**	4.1 x 2.1
RA	09h 11m	**Dec**	+60d 01m
Name			
Description	cB, cL, IE, psbMLBN		





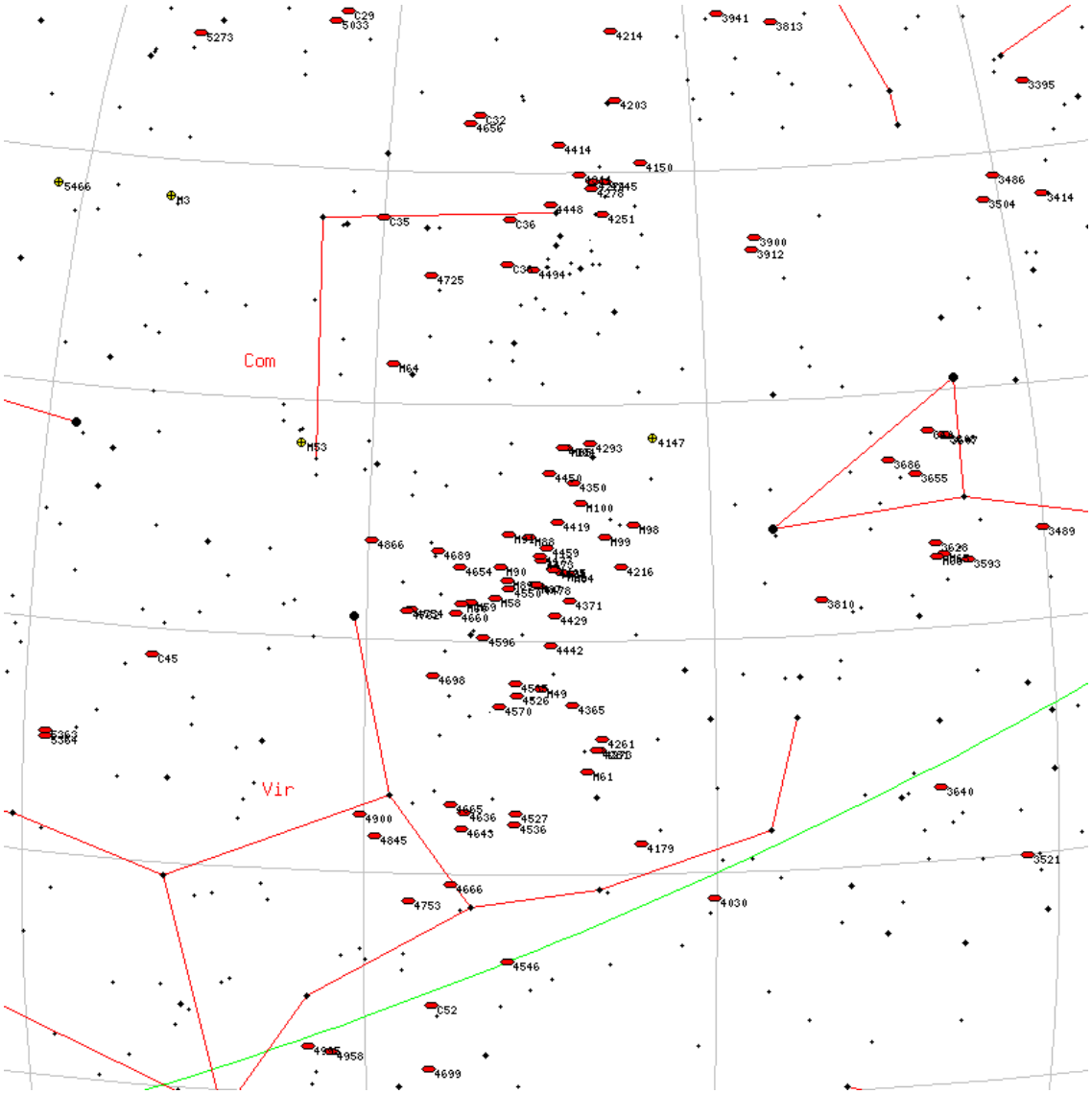
NGC4449

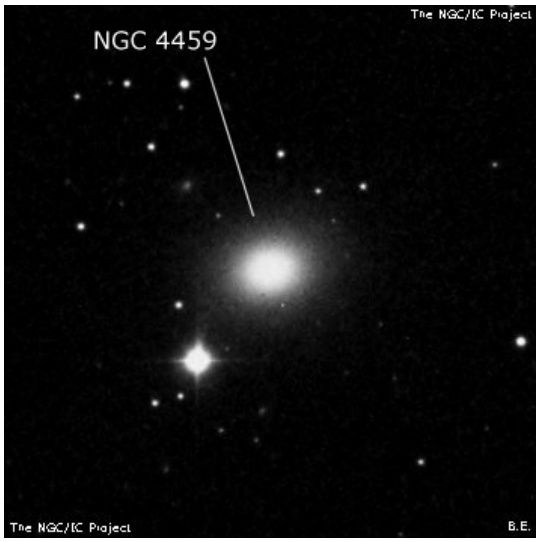
M	NGC4449	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	9.4	**Size**	3.1 x 2.2
RA	12h 28m	**Dec**	+44d 06m
Name	Box Galaxy		
Description	vB, cL, mE, D or bifid, rrr, *9 f 5'		



NGC4459

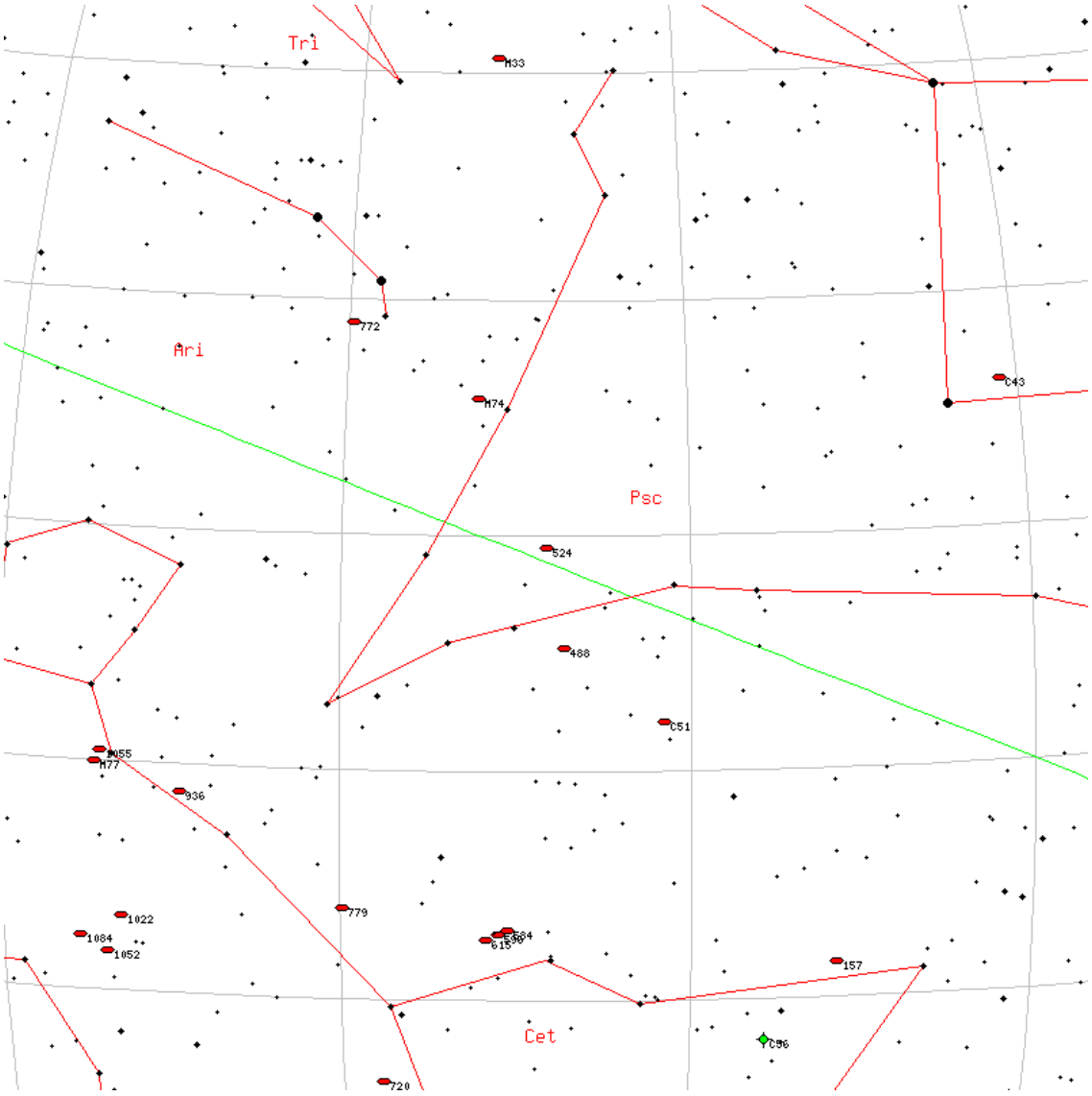
M	NGC4459	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.4	**Size**	1.8 x 1.4
RA	12h 28m	**Dec**	+13d 58m
Name			
Description	pB, pL, iR, bM, r, *8 sf 2'		





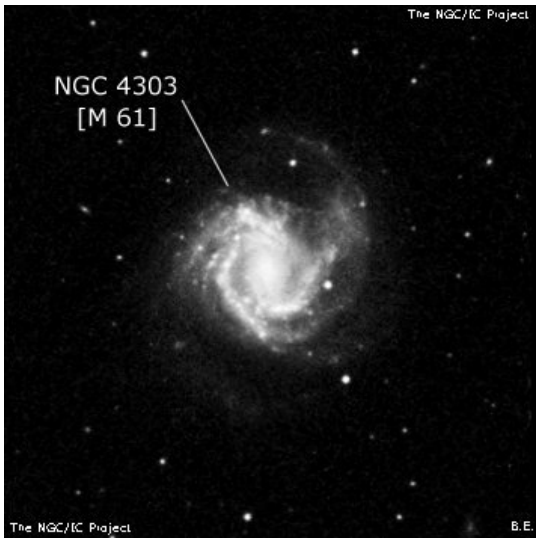
NGC524

M	NGC524	**ID**	-
Constellation	Psc	**Type**	Gx
Magnitude	10.6	**Size**	3.2 x 3.2
RA	01h 24m	**Dec**	+09d 31m
Name			
Description	vB, pL, mbM, 4 S st nr		



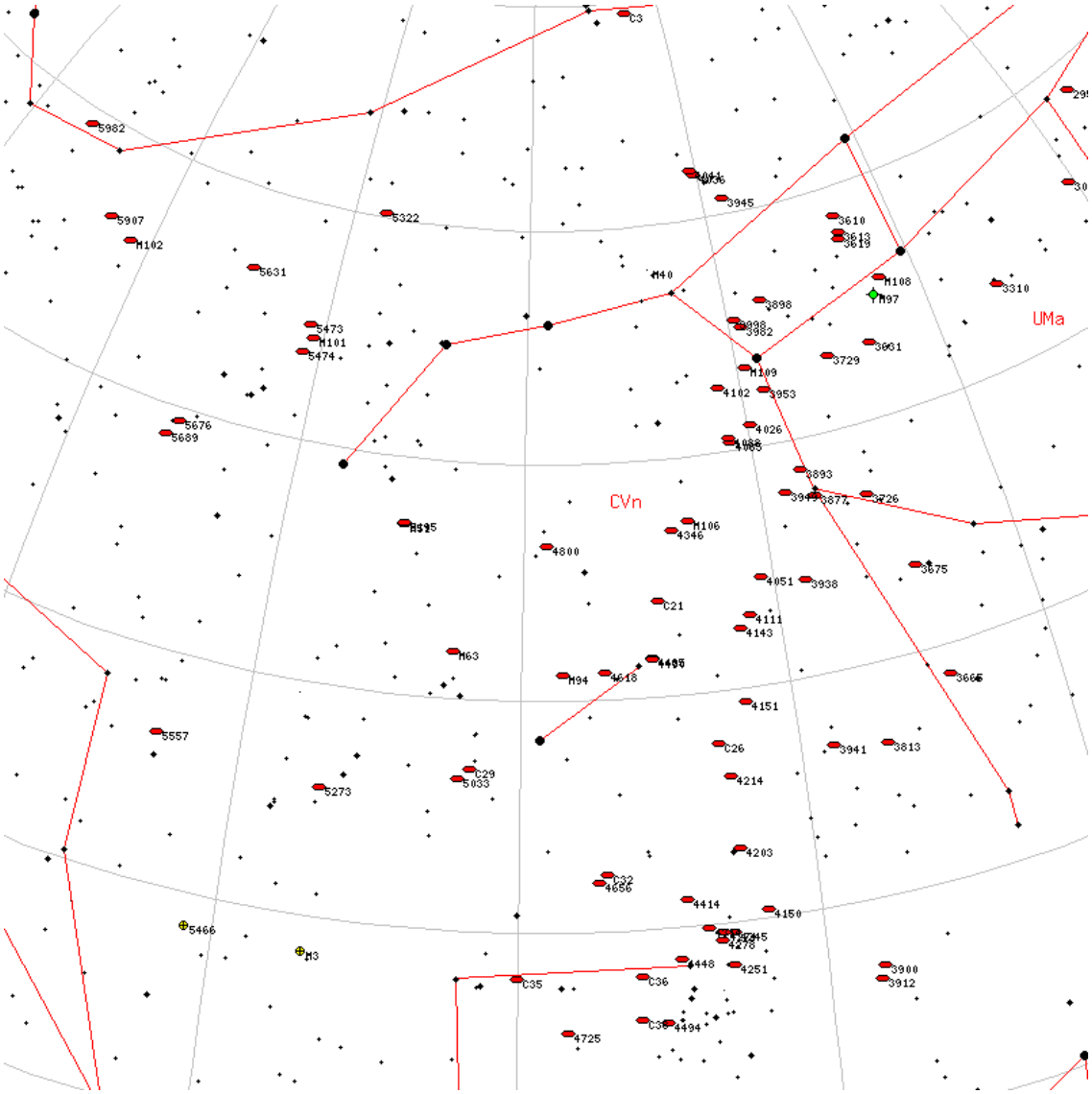
NGC4303

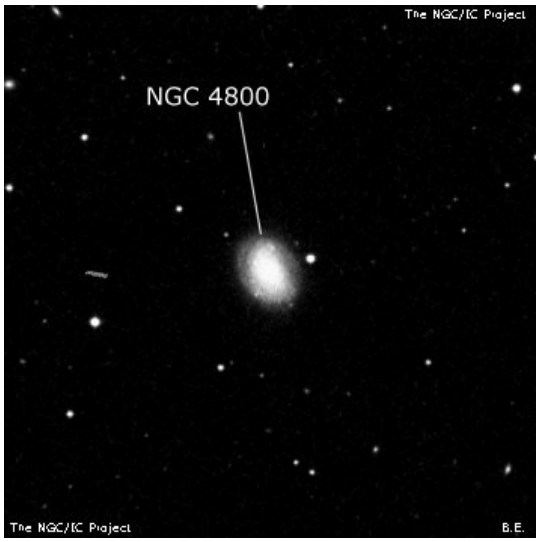
M	NGC4303	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	9.7	**Size**	6 x 6
RA	12h 21m	**Dec**	+04d 28m
Name			
Description	vB, vL, vsbM*, biN		



NGC4800

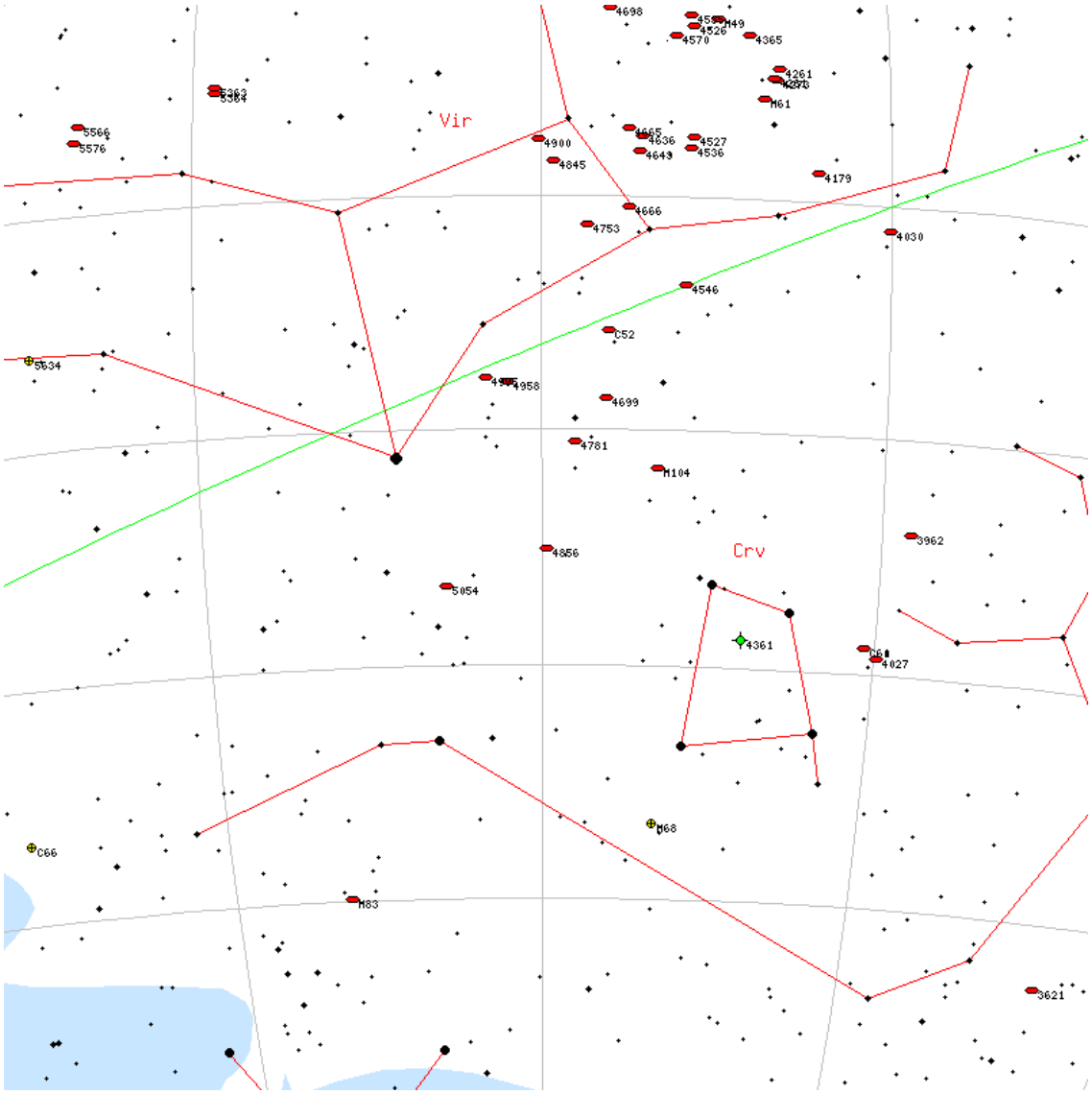
M	NGC4800	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	12	**Size**	0.8 x 0.6
RA	12h 54m	**Dec**	+46d 31m
Name			
Description	pB, cS, R, psbM, *14 p		

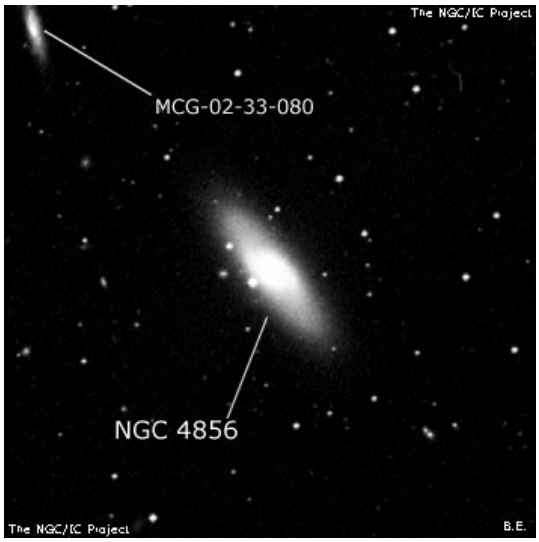




NGC4856

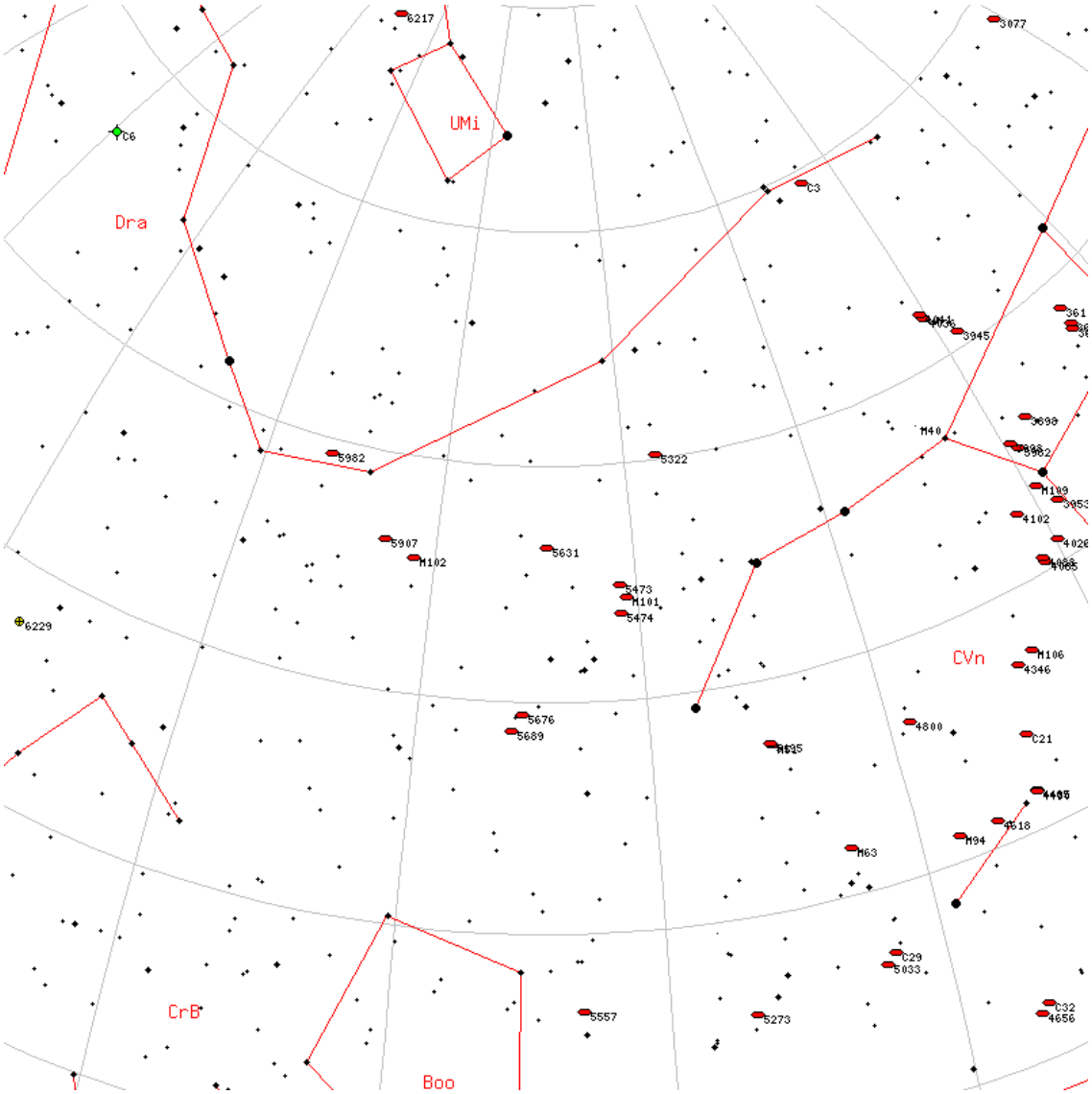
M	NGC4856	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.4	**Size**	2.1 x 0.6
RA	12h 59m	**Dec**	-15d 01m
Name			
Description	B, R, psmbM, *13 np		

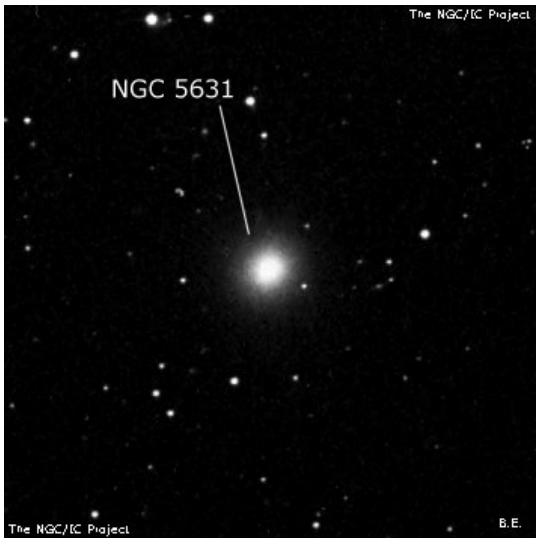




NGC5631

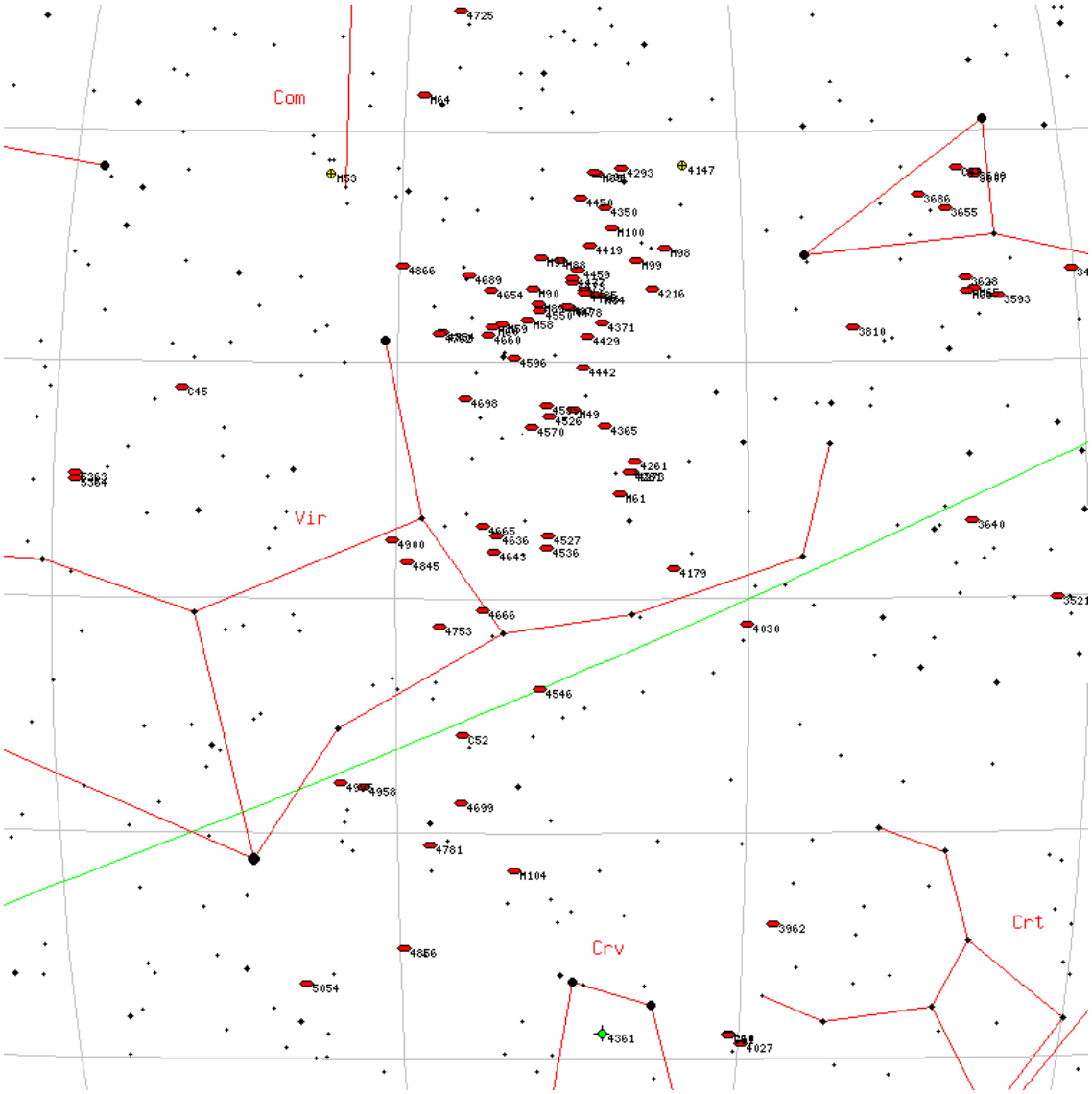
M	NGC5631	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	13	**Size**	2.2 x 2.2
RA	14h 26m	**Dec**	+56d 34m
Name			
Description	B, S, R, psbMN		

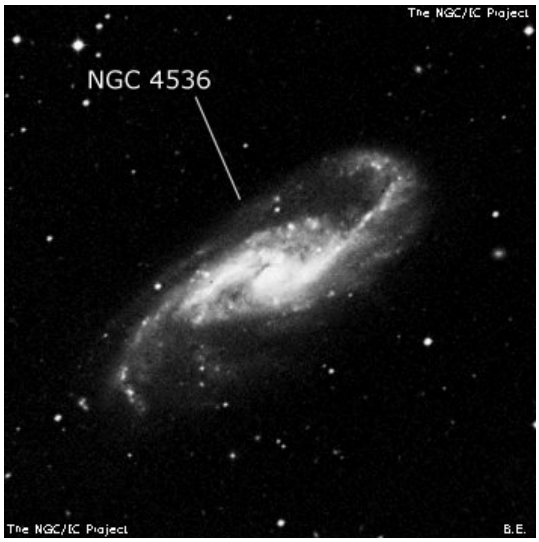




NGC4536

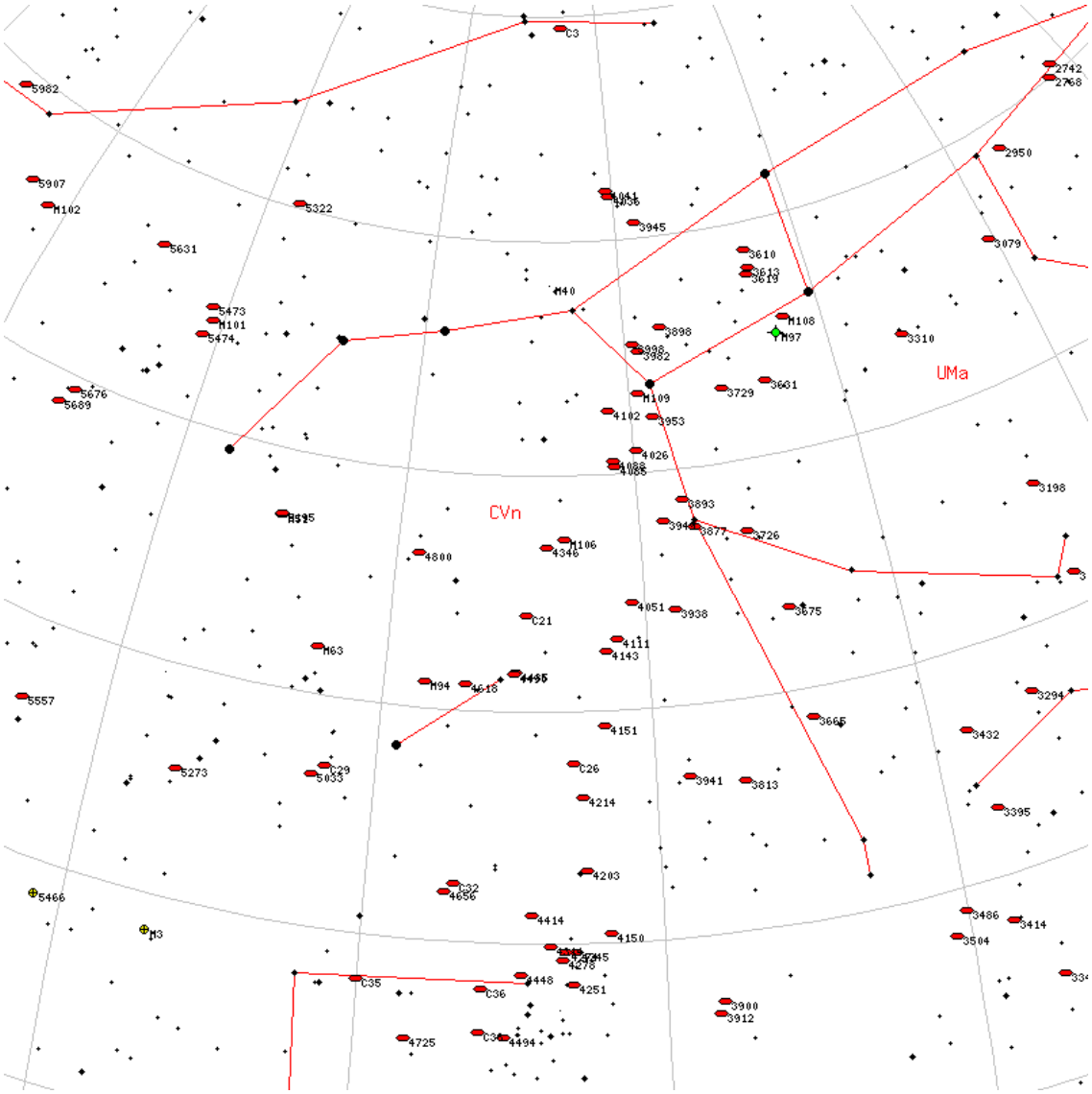
M	NGC4536	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.4	**Size**	3.8 x 1.6
RA	12h 34m	**Dec**	+02d 10m
Name			
Description	B, vL, mE 110deg , sbM, er		

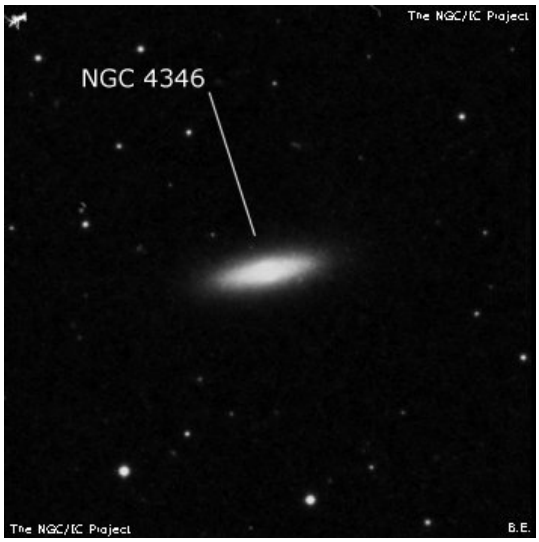




NGC4346

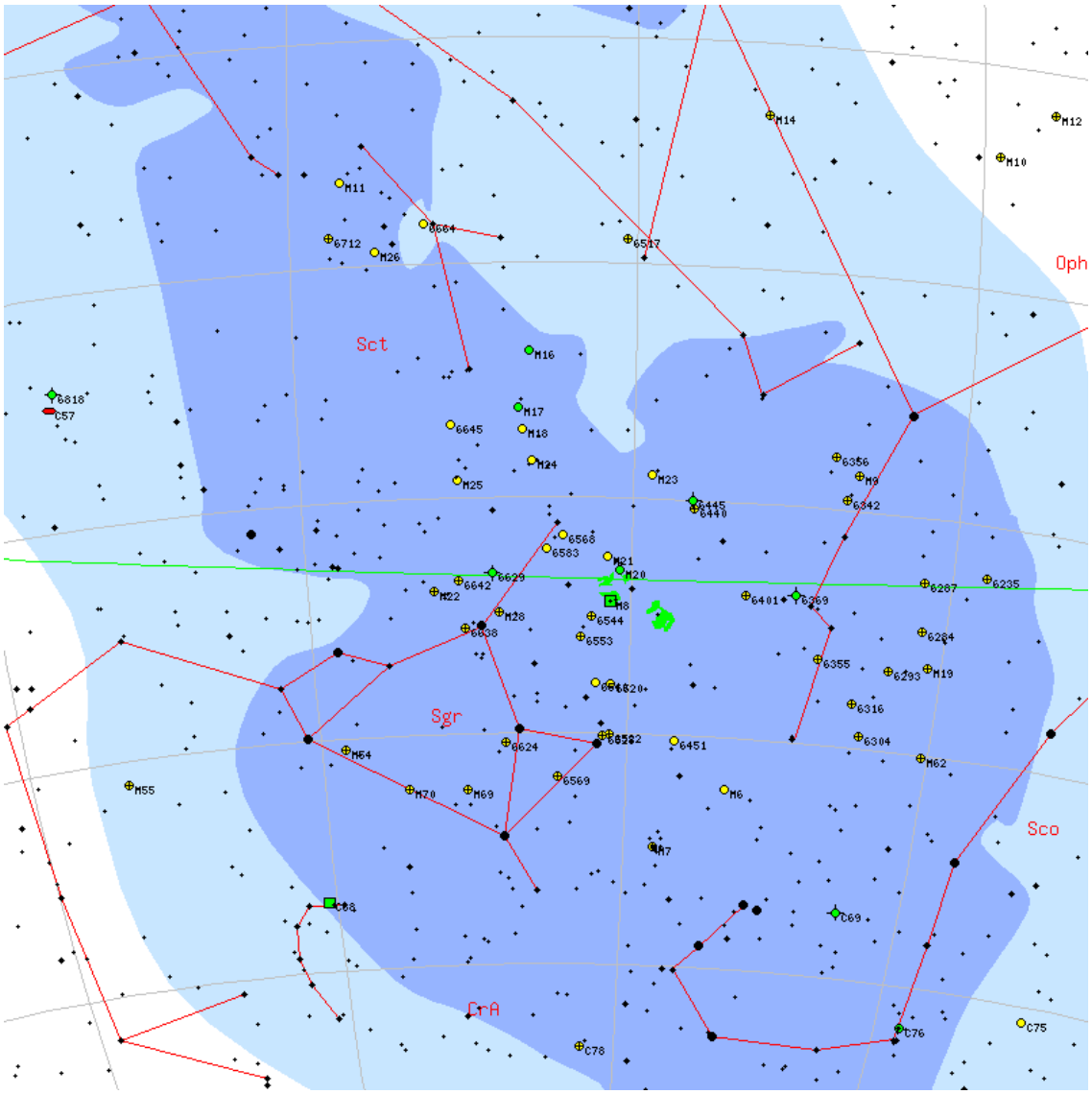
M	NGC4346	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	12	**Size**	1.7 x 0.6
RA	12h 23m	**Dec**	+47d 00m
Name			
Description	vF, S, mE 100deg +/- , vsmbMBN		





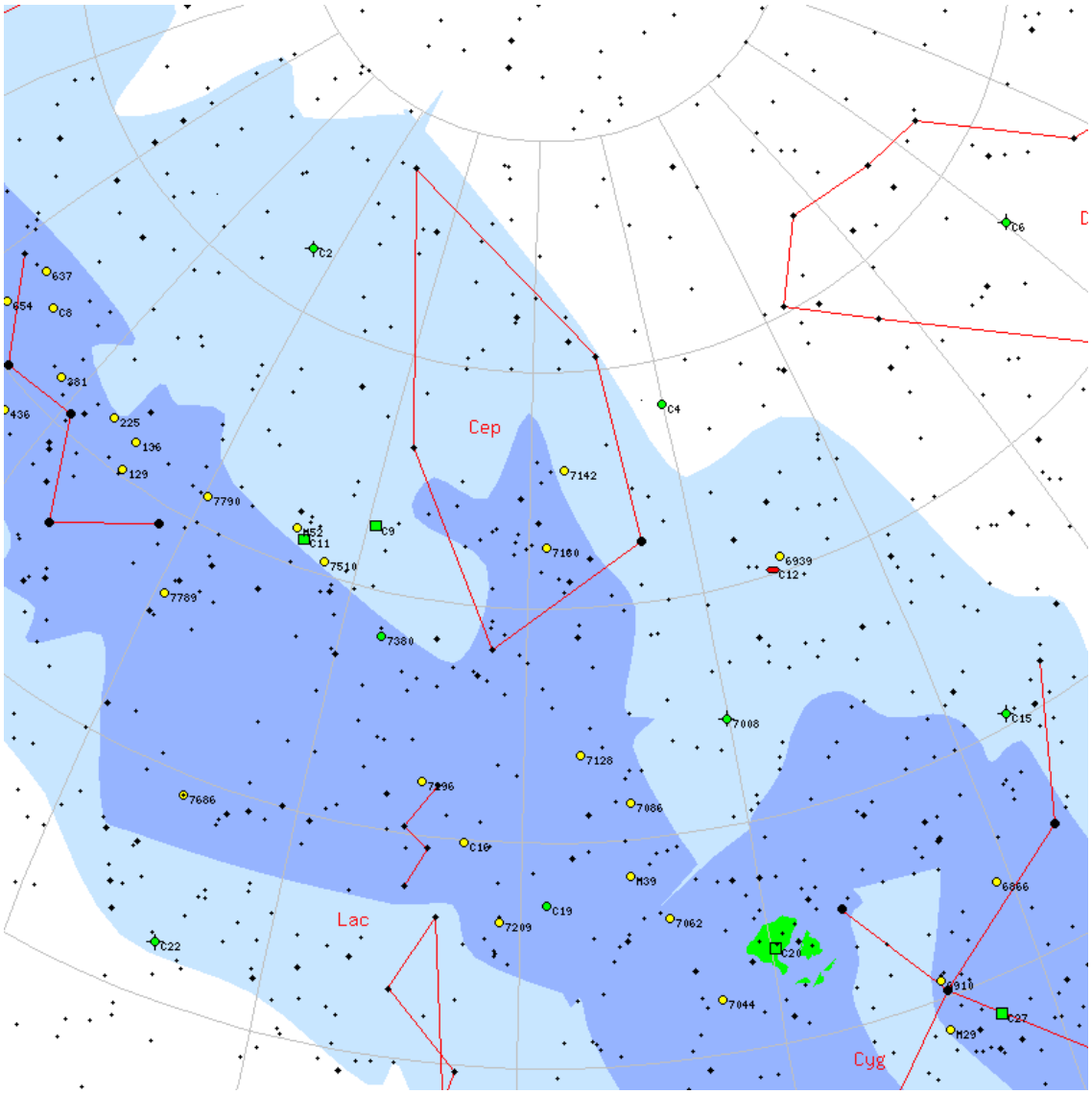
NGC6583

M	NGC6583	**ID**	-
Constellation	Sgr	**Type**	OC
Magnitude	10	**Size**	3 x 3
RA	18h 15m	**Dec**	-22d 07m
Name			
Description	Cl, pRi, pC, cE, st 13...		



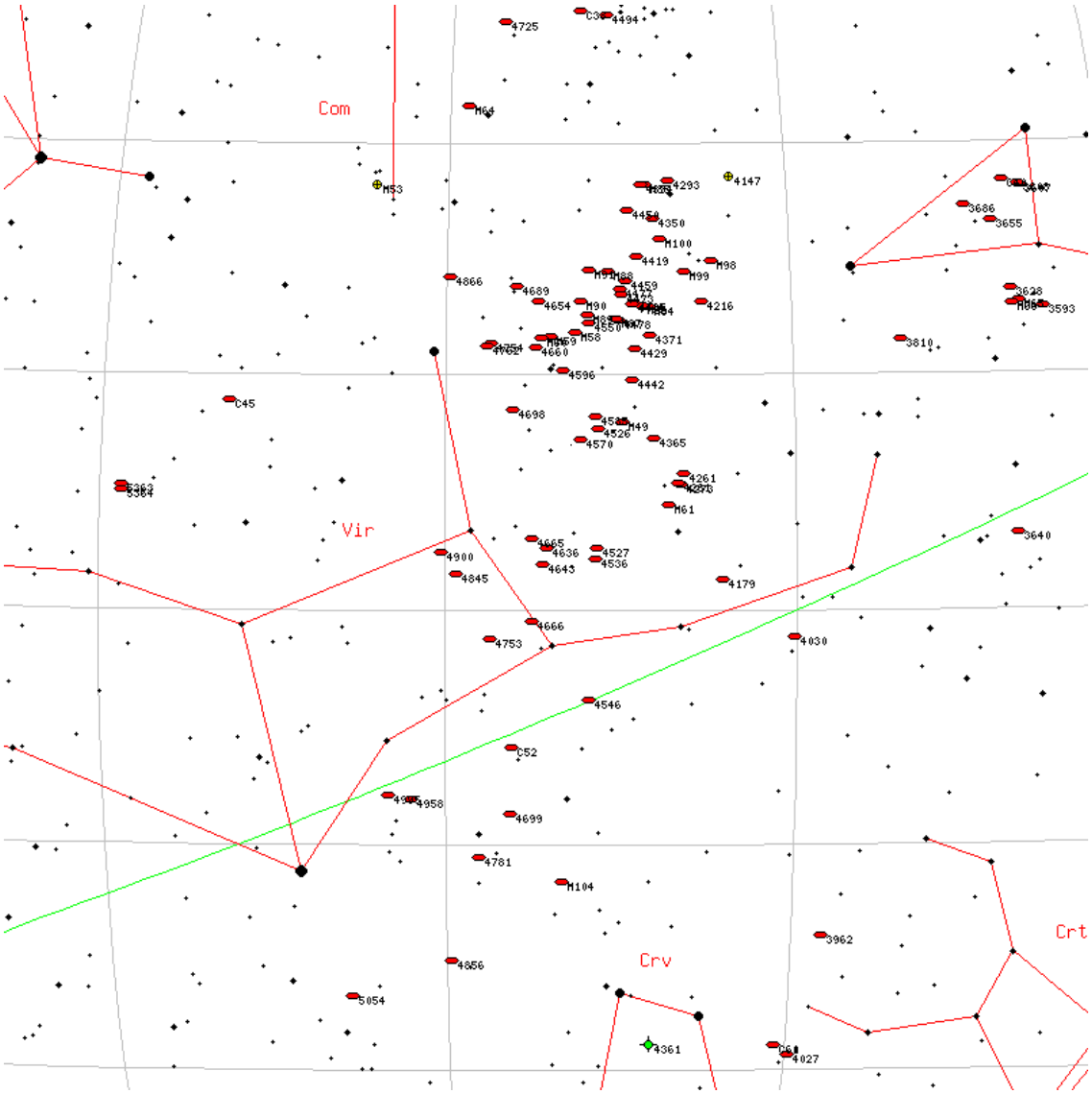
NGC7160

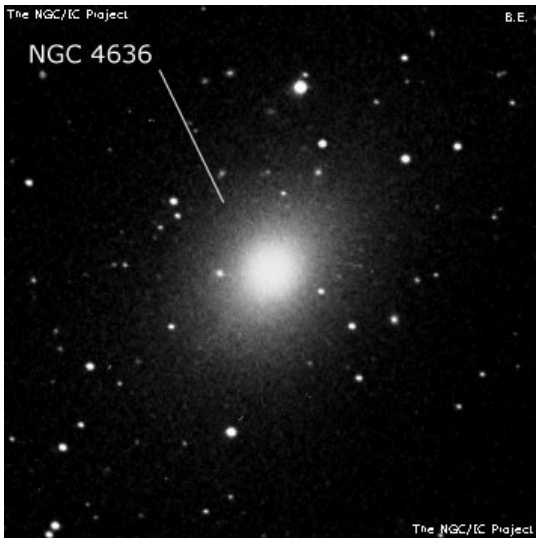
M	NGC7160	**ID**	-
Constellation	Cep	**Type**	OC
Magnitude	6.1	**Size**	7 x 7
RA	21h 53m	**Dec**	+62d 36m
Name			
Description	Cl, P, vlC		



NGC4636

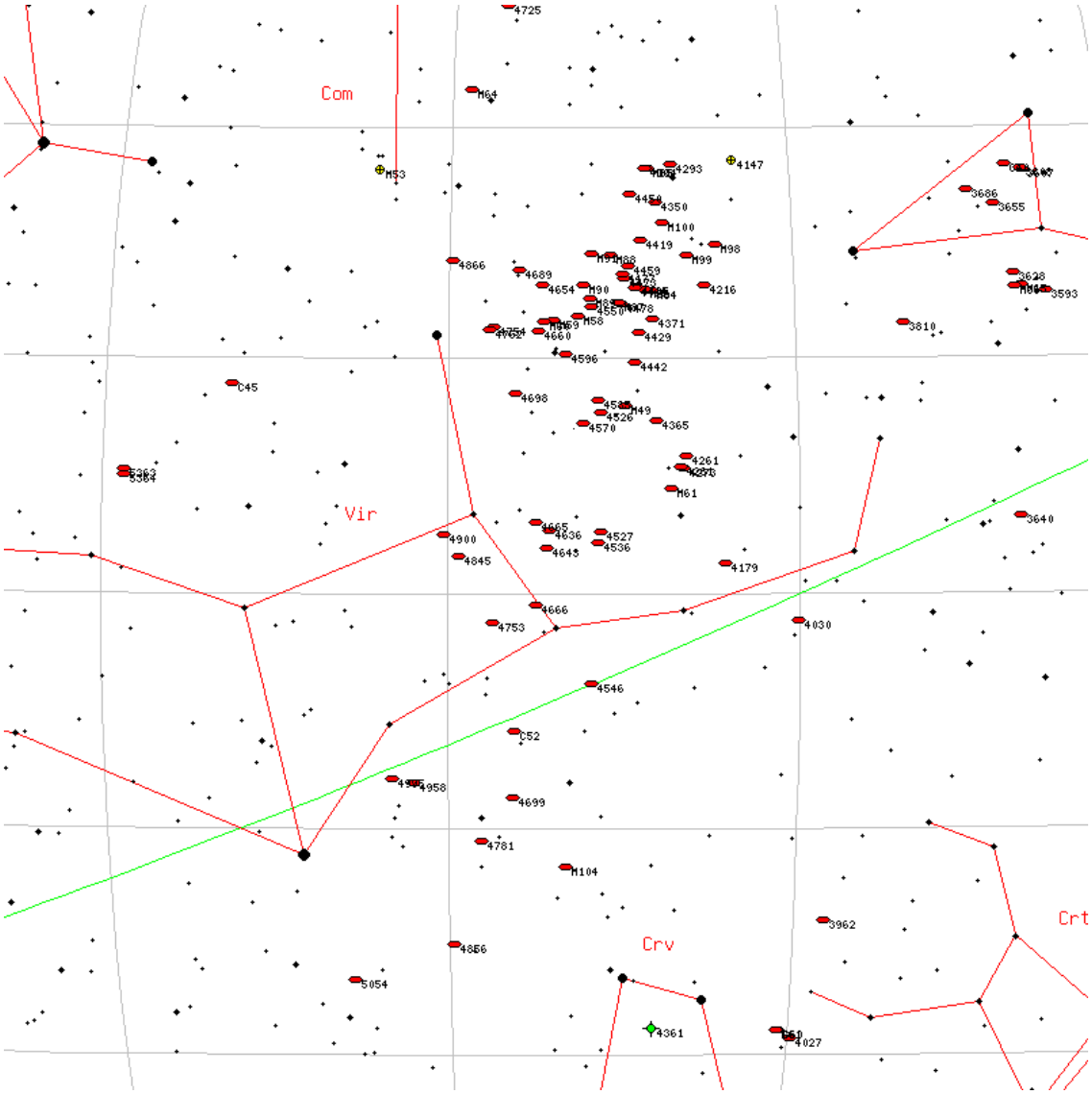
M	NGC4636	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	9.6	**Size**	3 x 2.3
RA	12h 42m	**Dec**	+02d 40m
Name			
Description	B, L, iR, vgvmbM, r		

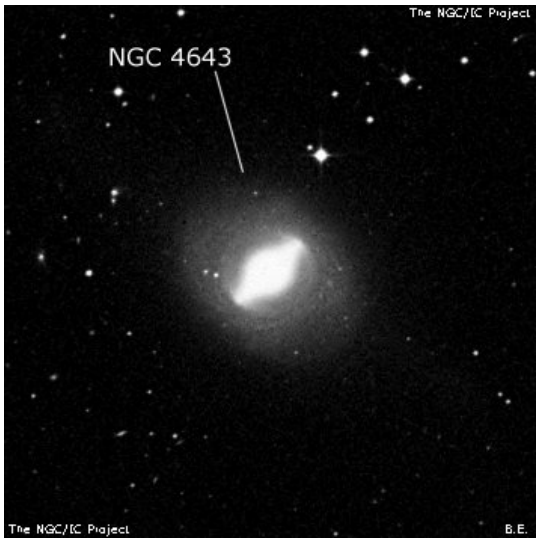




NGC4643

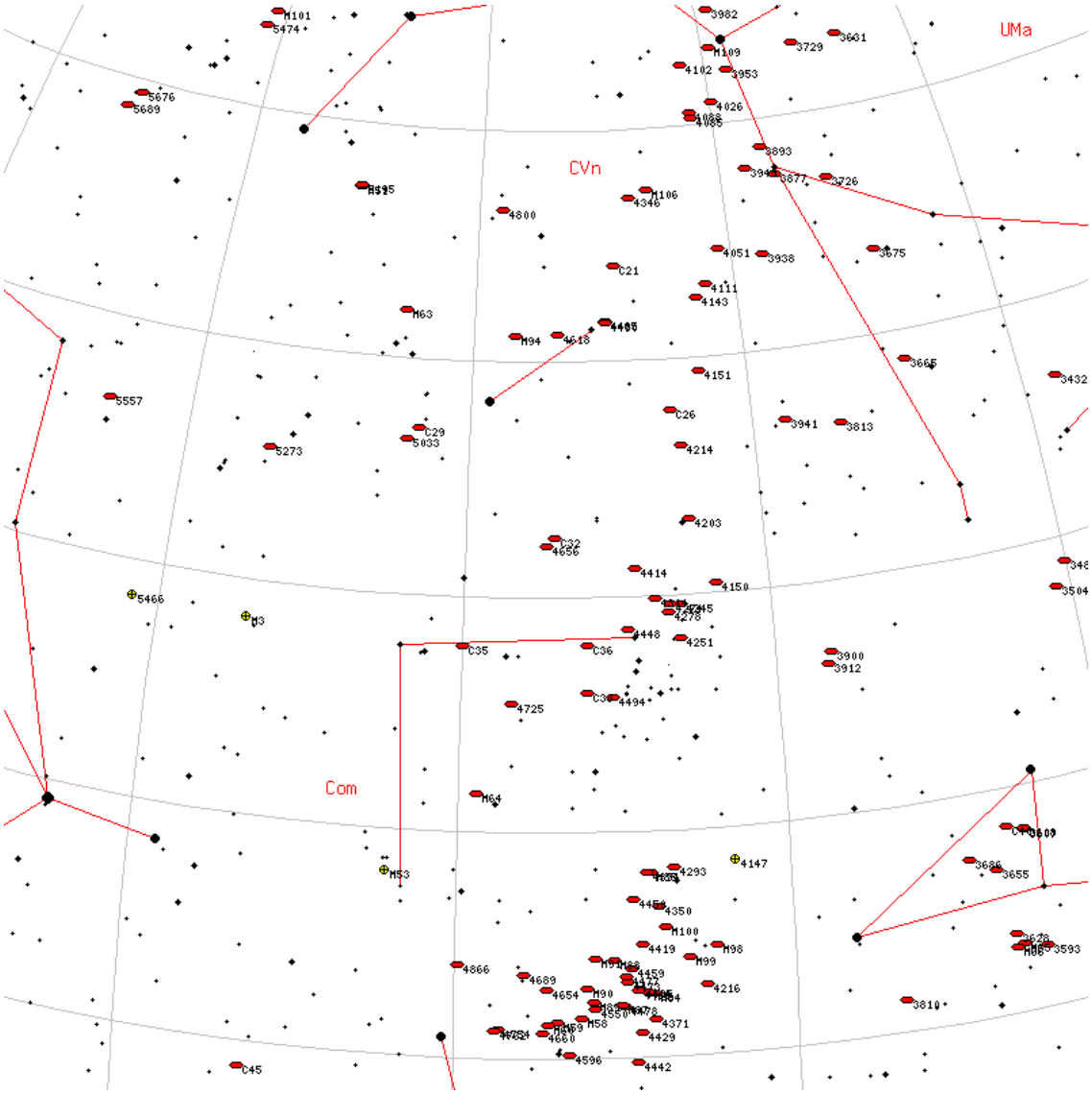
M	NGC4643	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.6	**Size**	1.6 x 1.1
RA	12h 43m	**Dec**	+01d 58m
Name			
Description	cB, pS, lE, mbM		

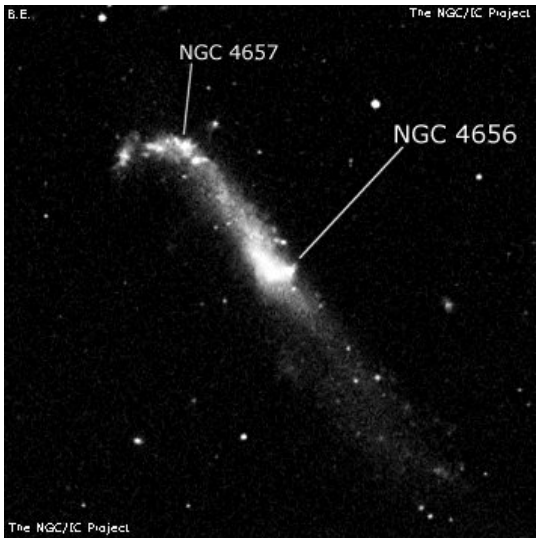




NGC4656

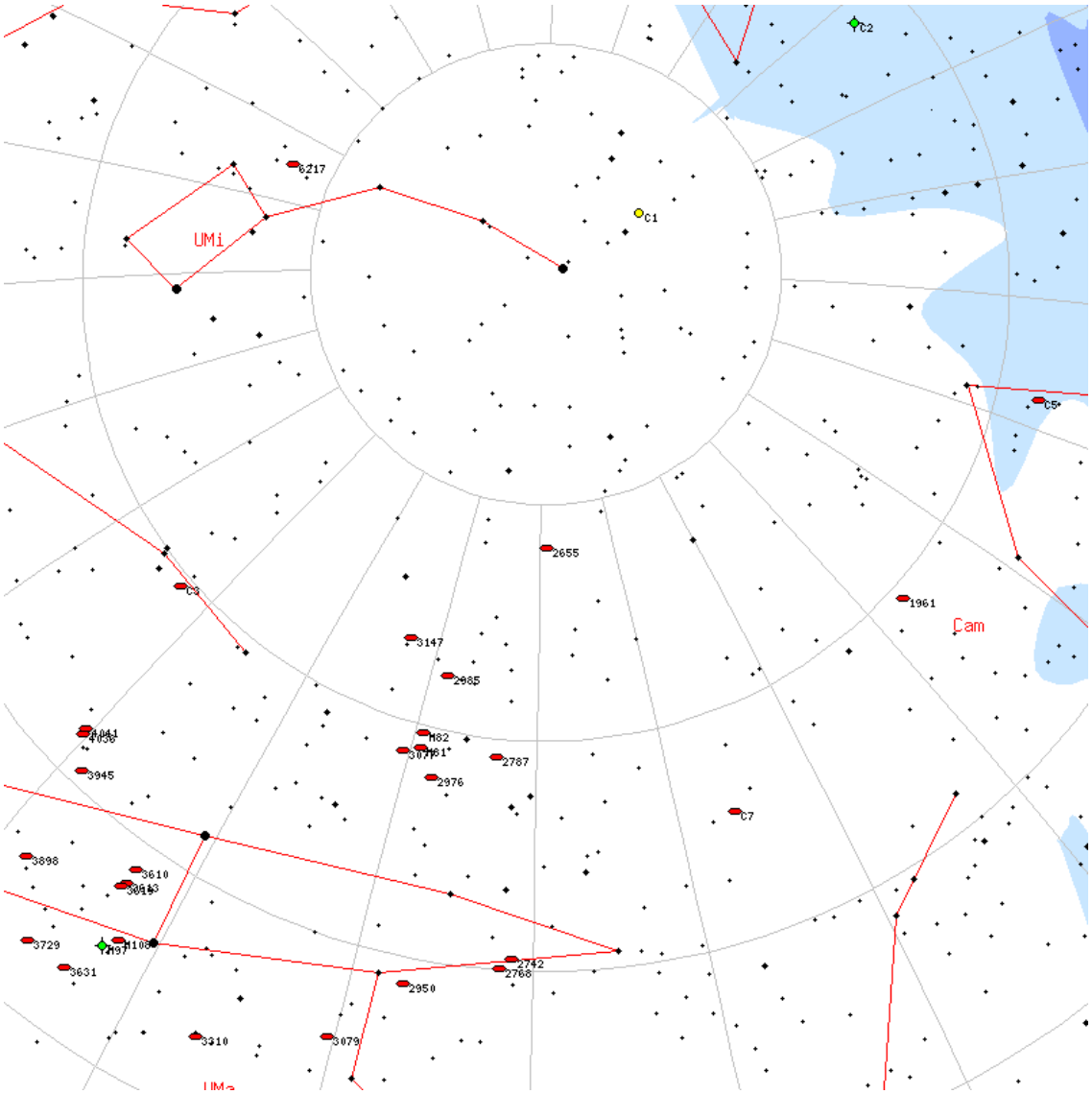
M	NGC4656	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	10.4	**Size**	7.6 x 1.5
RA	12h 43m	**Dec**	+32d 10m
Name			
Description	!, pB, L, vmE 34deg , sp of 2		





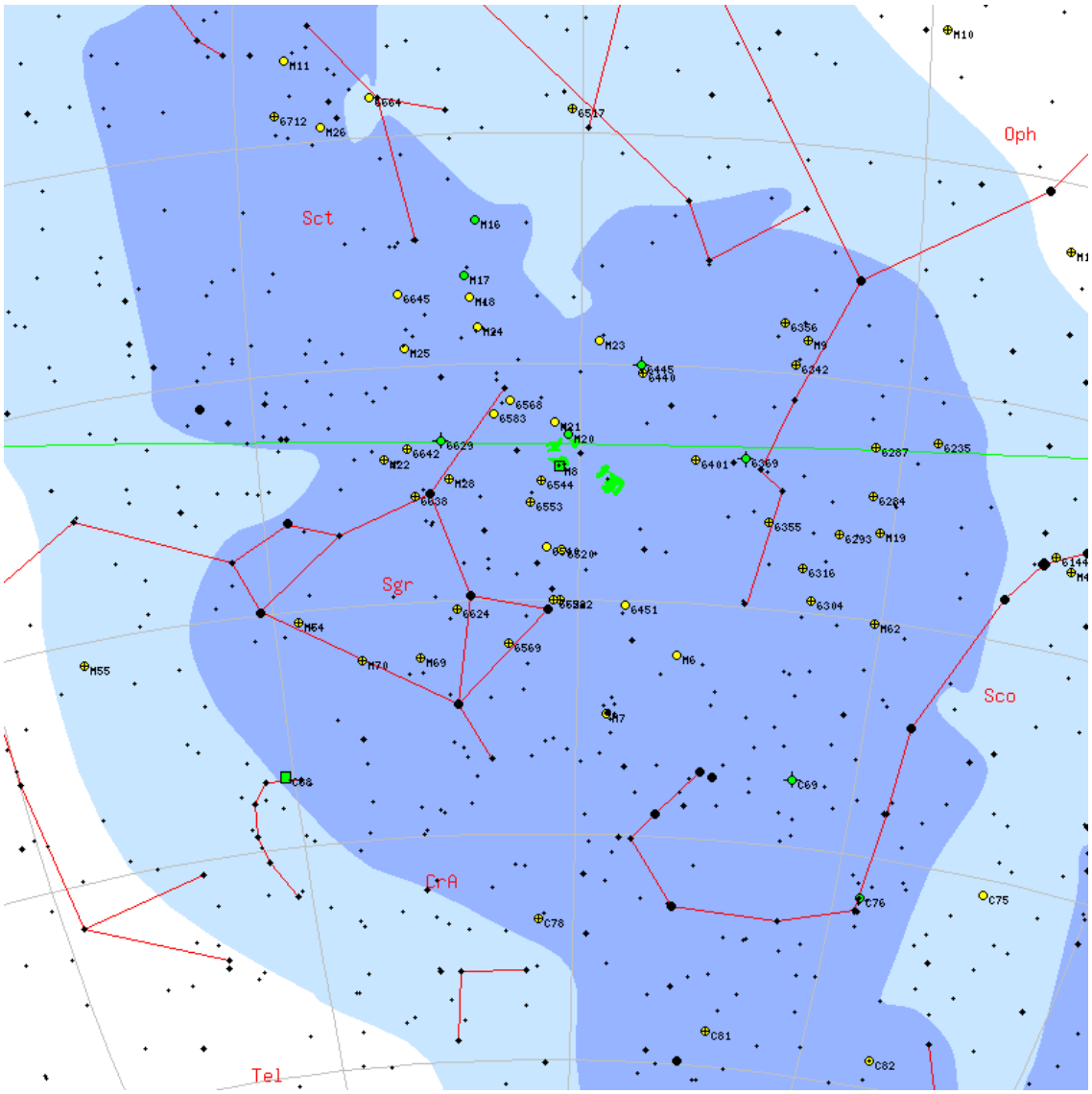
NGC2655

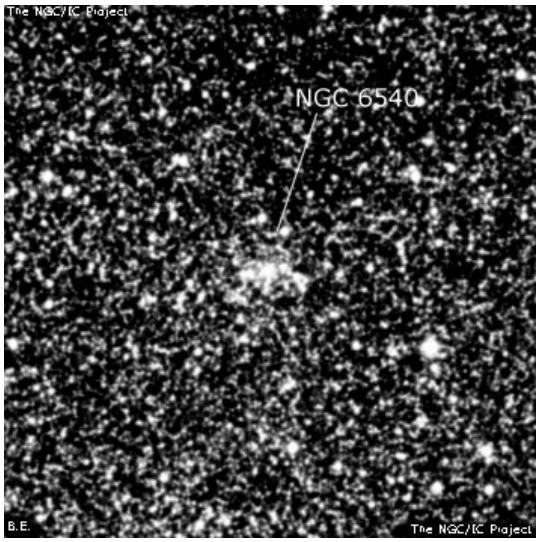
M	NGC2655	**ID**	-
Constellation	Cam	**Type**	Gx
Magnitude	10.1	**Size**	5.1 x 5.1
RA	08h 55m	**Dec**	+78d 13m
Name			
Description	vB, cL, IE 90deg , gsvmbM		



NGC6540

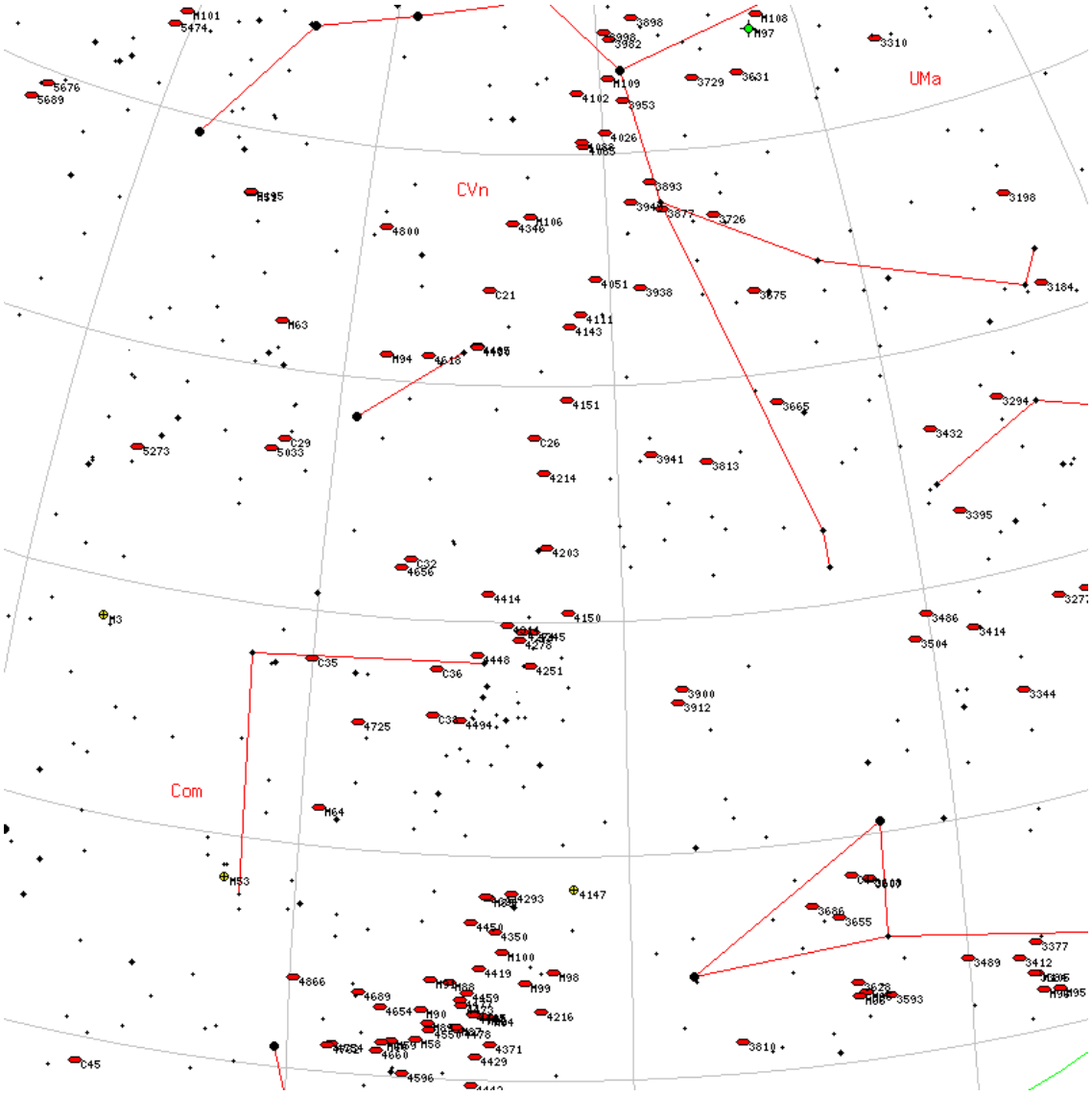
M	NGC6540	**ID**	-
Constellation	Sgr	**Type**	OC
Magnitude	15	**Size**	1 x 1
RA	18h 06m	**Dec**	-27d 49m
Name			
Description	pF, S, iE, er or Cl		

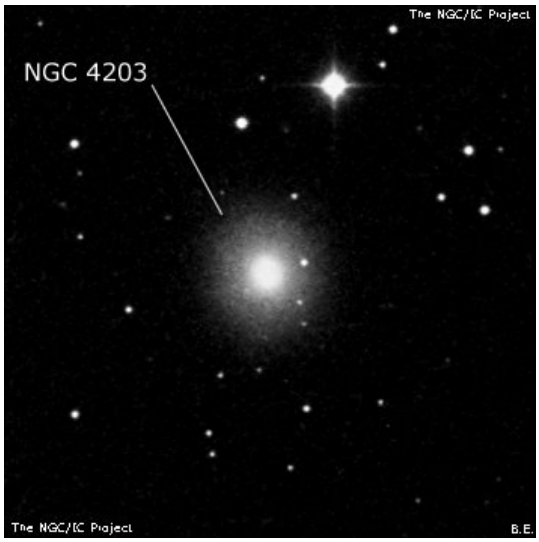




NGC4203

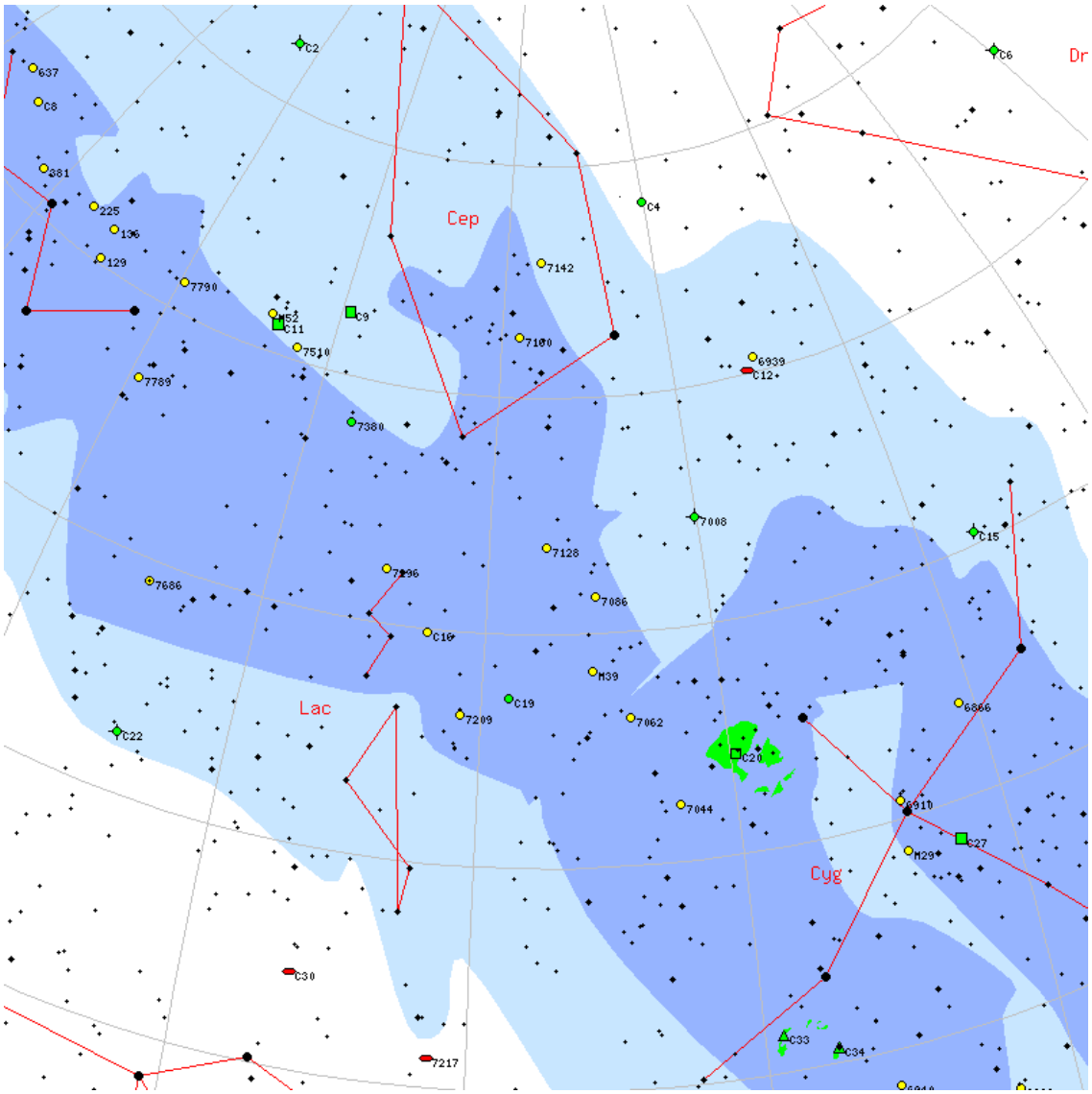
M	NGC4203	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.7	**Size**	1.7 x 1.6
RA	12h 15m	**Dec**	+33d 12m
Name			
Description	vB, S, R, psmbM		





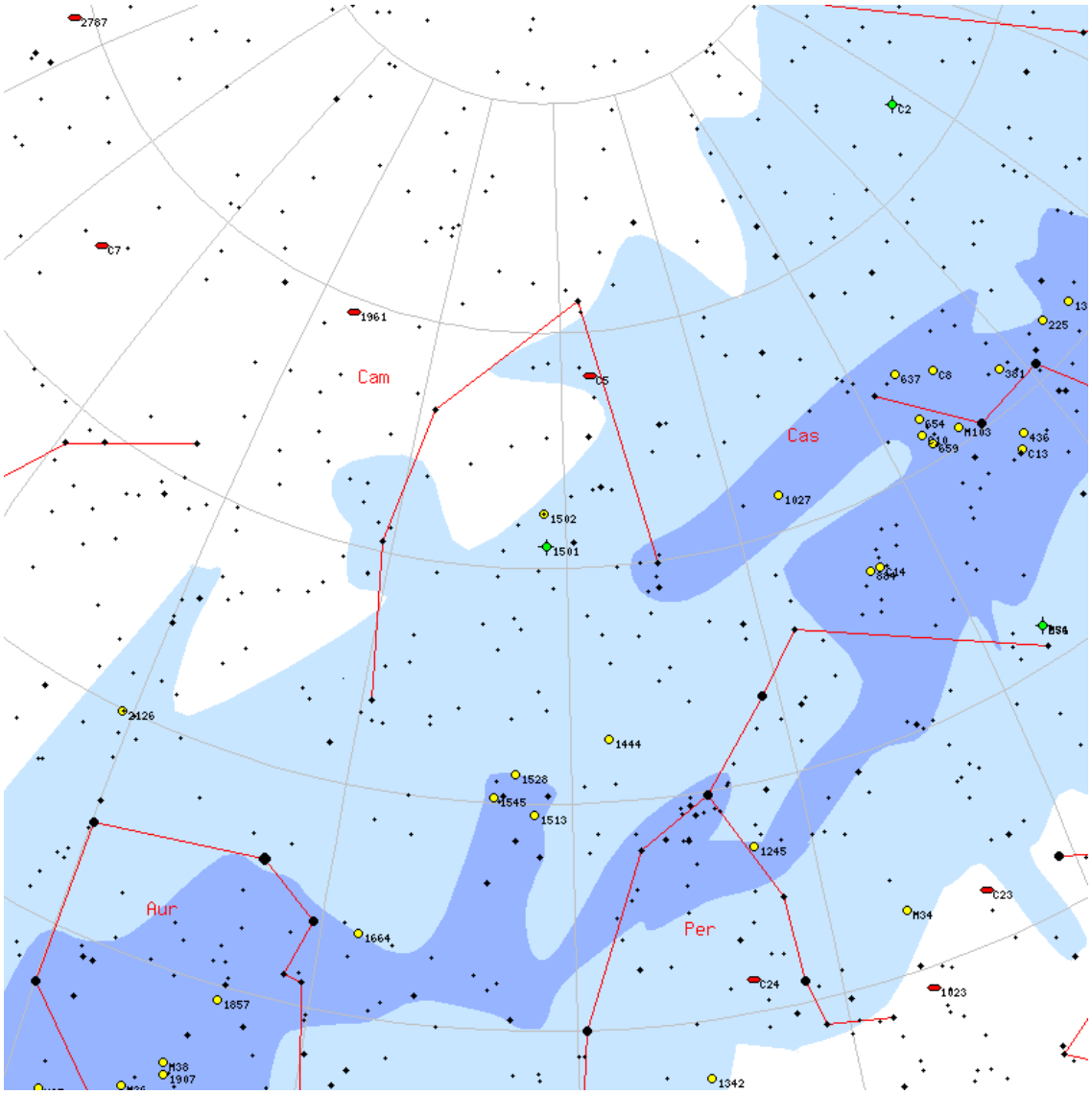
NGC7128

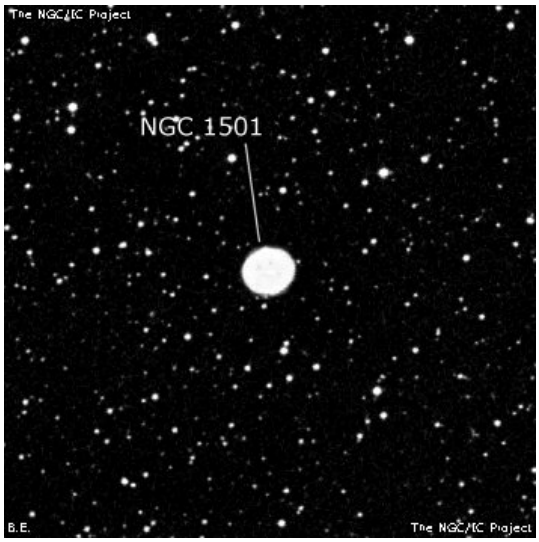
M	NGC7128	**ID**	-
Constellation	Cyg	**Type**	OC
Magnitude	9.7	**Size**	3 x 3
RA	21h 43m	**Dec**	+53d 43m
Name			
Description	Cl, S, pRi, has a ruby *9.5		



NGC1501

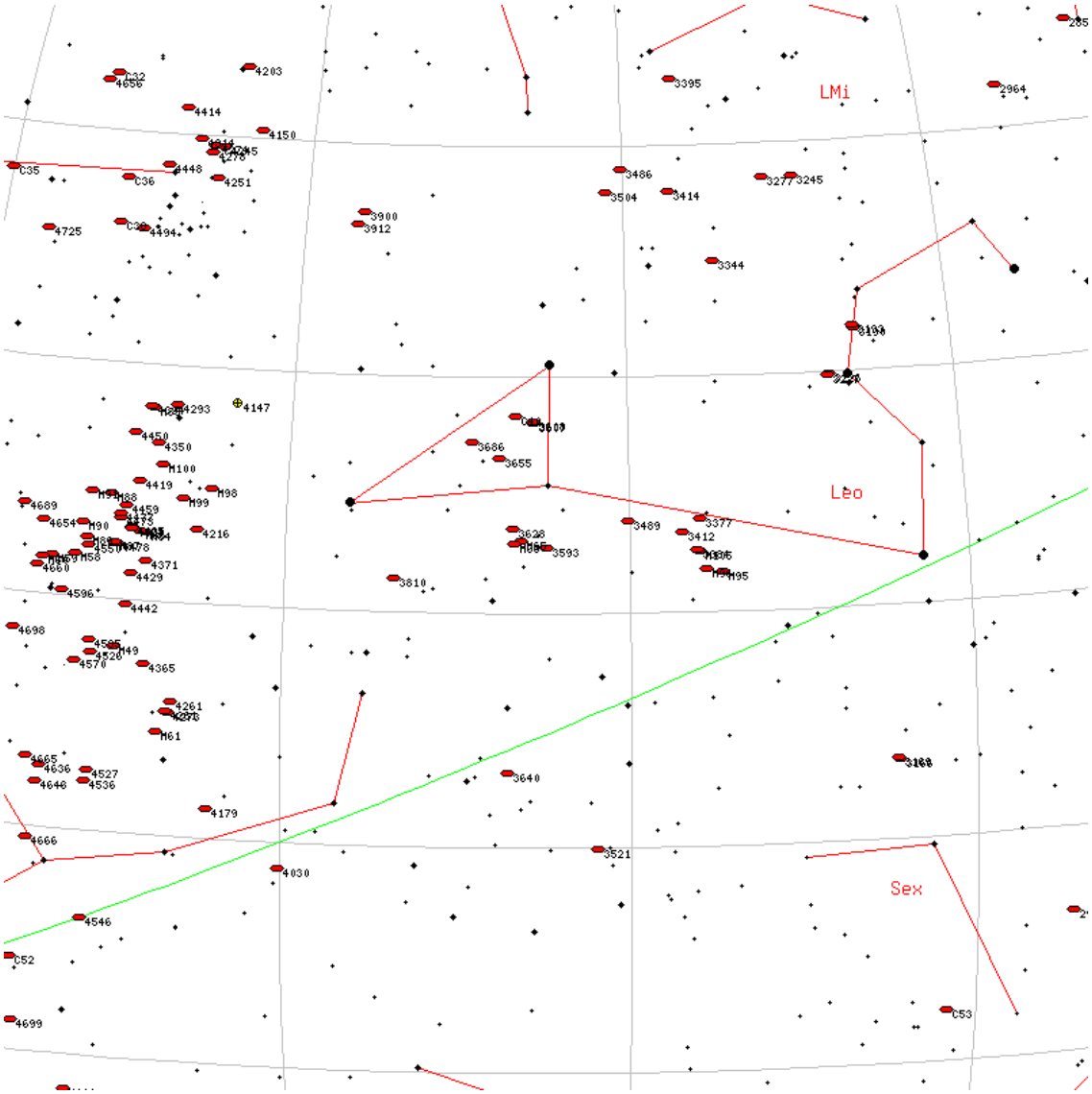
M	NGC1501	**ID**	-
Constellation	Cam	**Type**	PI
Magnitude	13	**Size**	0.9 x 0.9
RA	04h 07m	**Dec**	+60d 55m
Name	Camel's Eye/Oyster Nebula		
Description	PN , pB, pS, vIE, 1' diam		

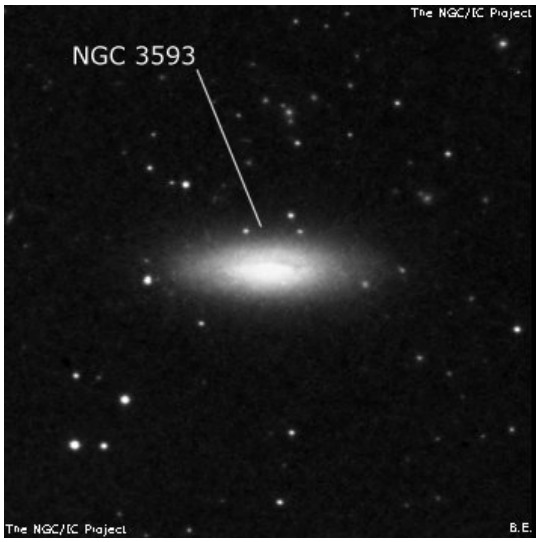




NGC3593

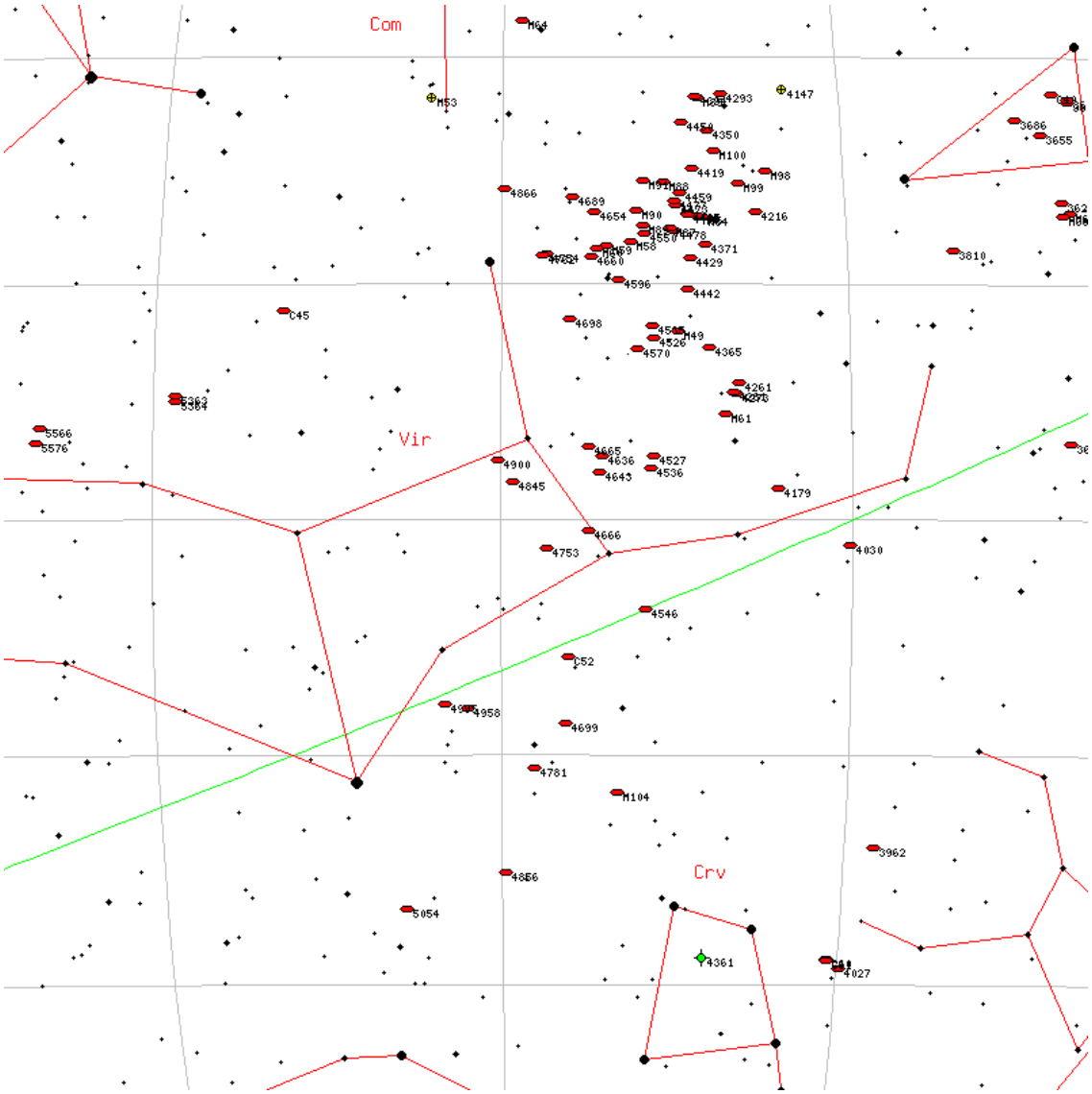
M	NGC3593	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	11	**Size**	2.6 x 1
RA	11h 14m	**Dec**	+12d 49m
Name			
Description	B, cL, E 90deg +/- , psmbM		

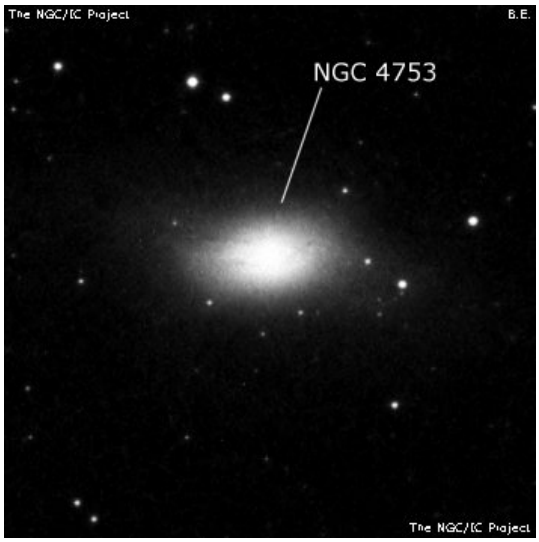




NGC4753

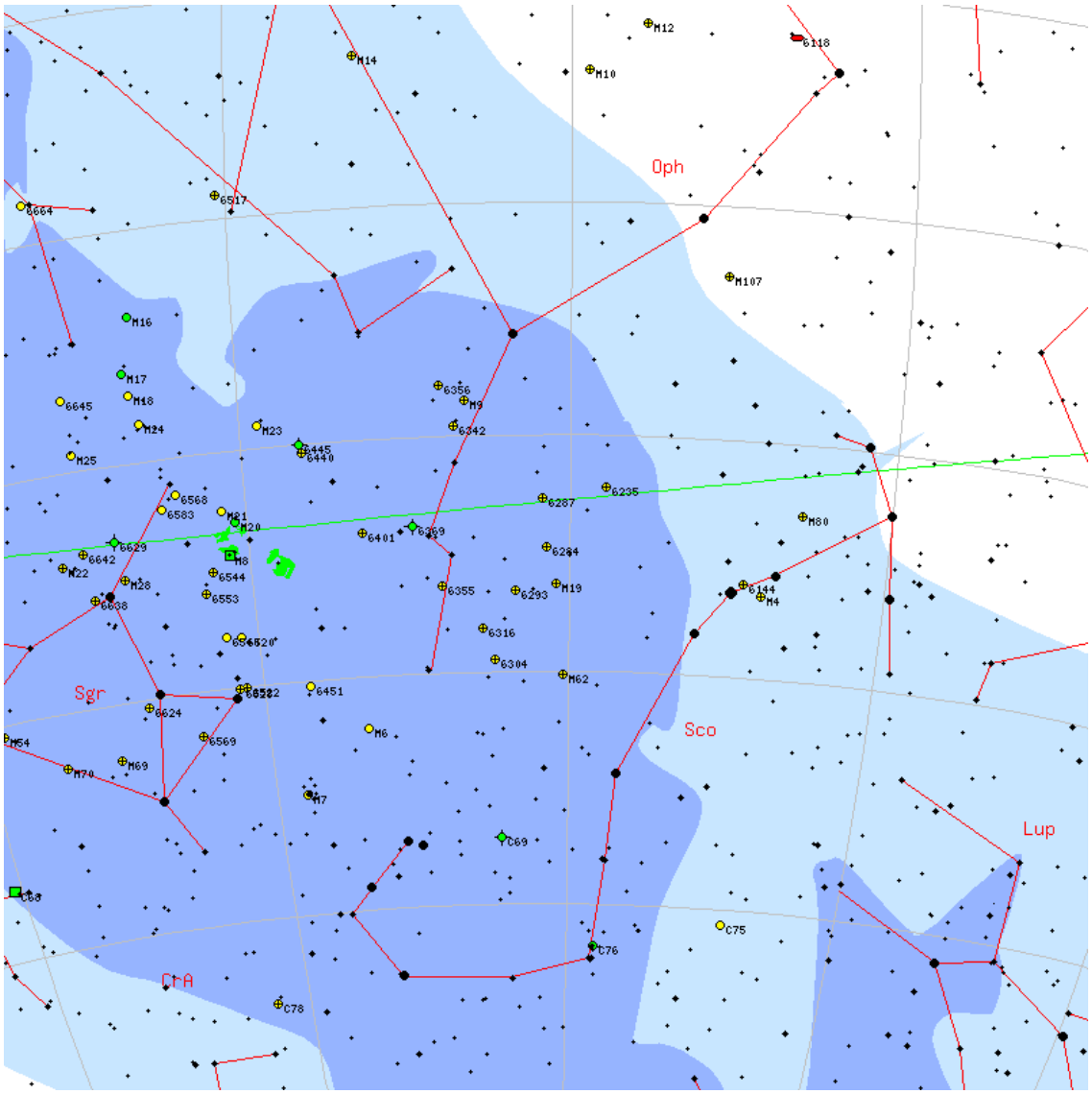
M	NGC4753	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	9.9	**Size**	3 x 1.4
RA	12h 52m	**Dec**	-01d 11m
Name			
Description	cB, L, vlE, vglbM		





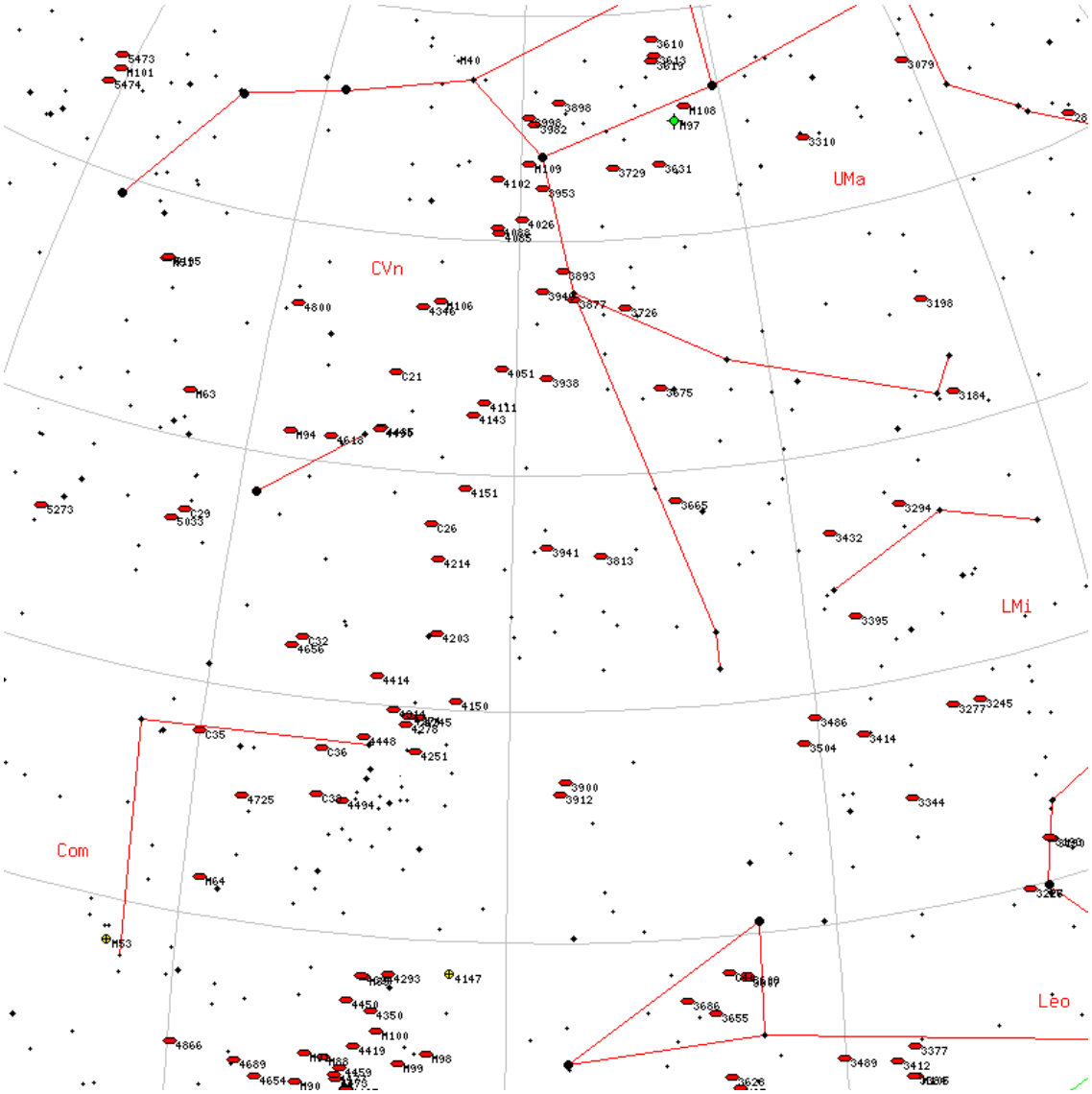
NGC6284

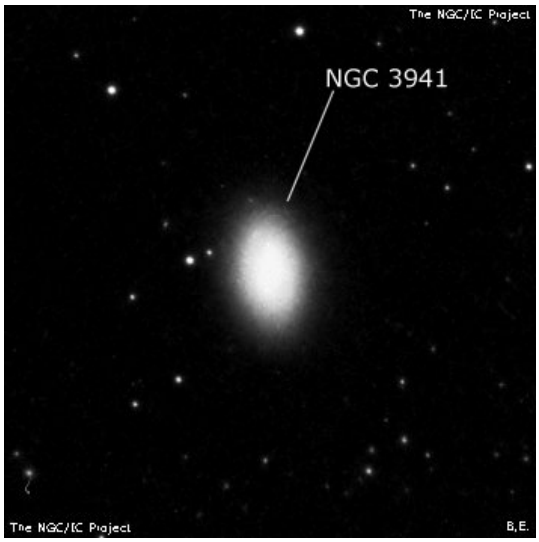
M	NGC6284	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	9	**Size**	5.6 x 5.6
RA	17h 04m	**Dec**	-24d 46m
Name			
Description	glob. cl. , B, L, R, CM, rrr, st 16...		



NGC3941

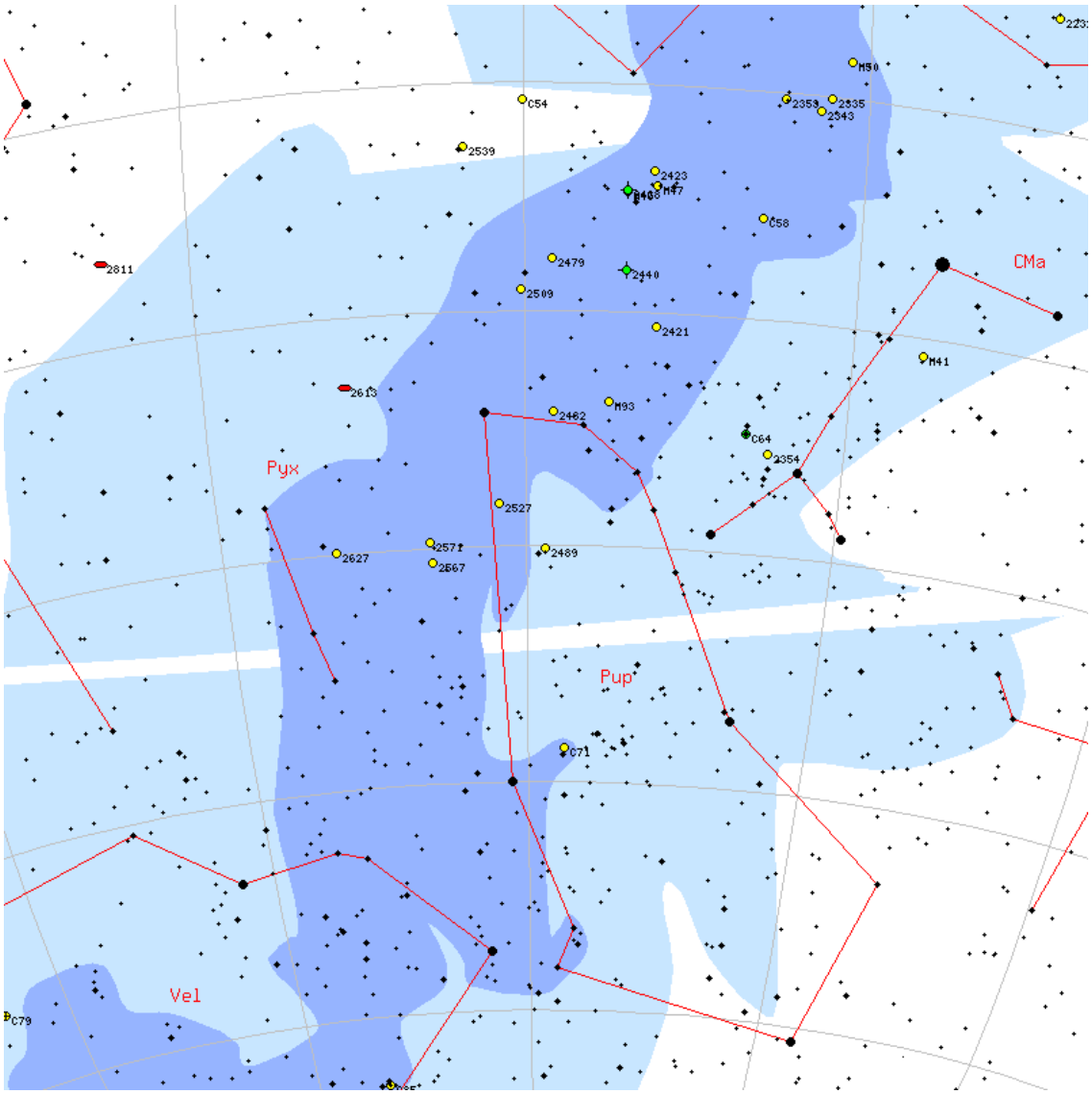
M	NGC3941	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11	**Size**	1.7 x 1.1
RA	11h 52m	**Dec**	+36d 58m
Name			
Description	vB, pL, R, smbM *9		

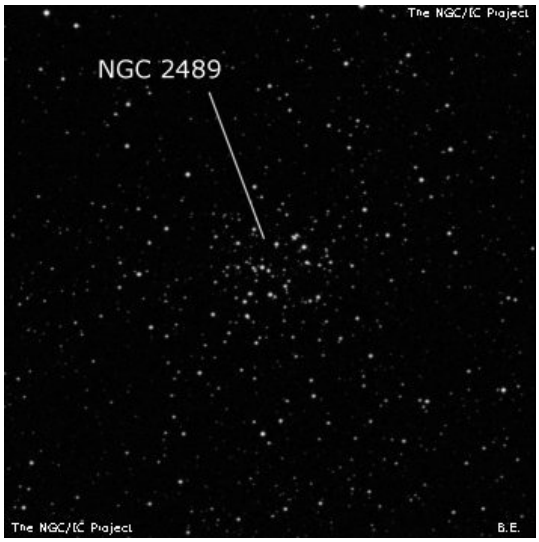




NGC2489

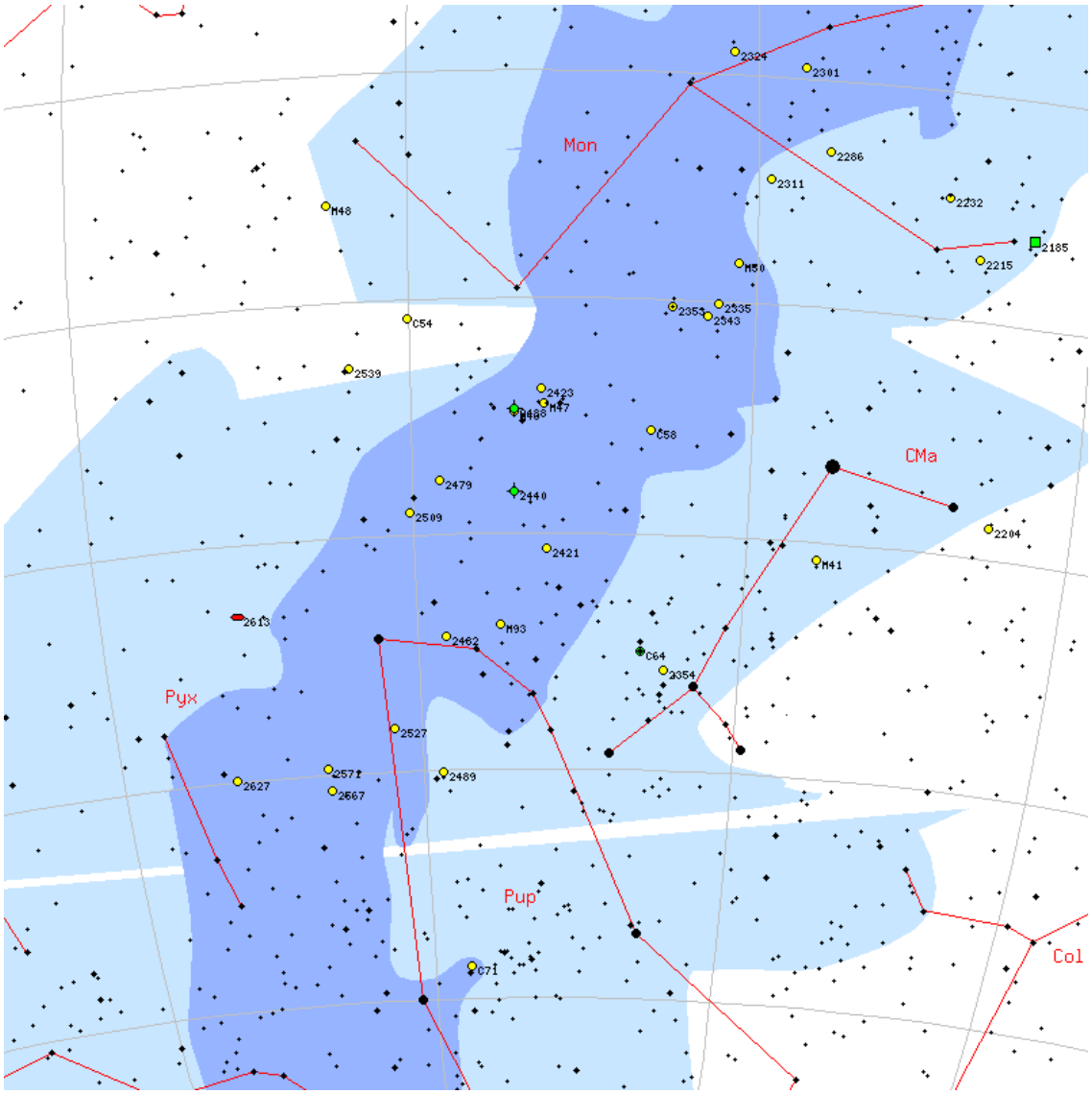
M	NGC2489	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	7.9	**Size**	8 x 8
RA	07h 56m	**Dec**	-30d 04m
Name			
Description	Cl, pL, cRi, pC, st 11...13		





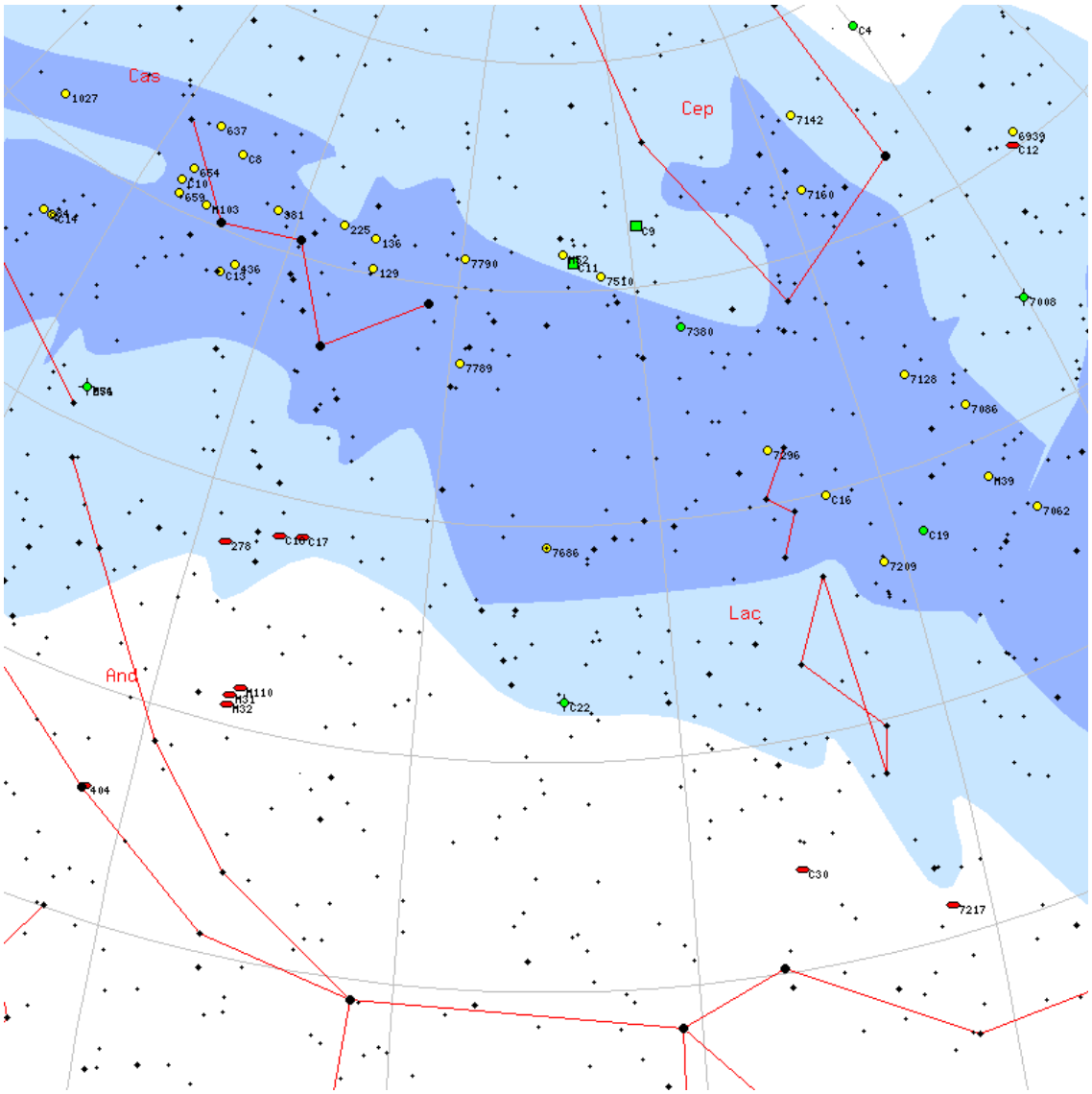
NGC2421

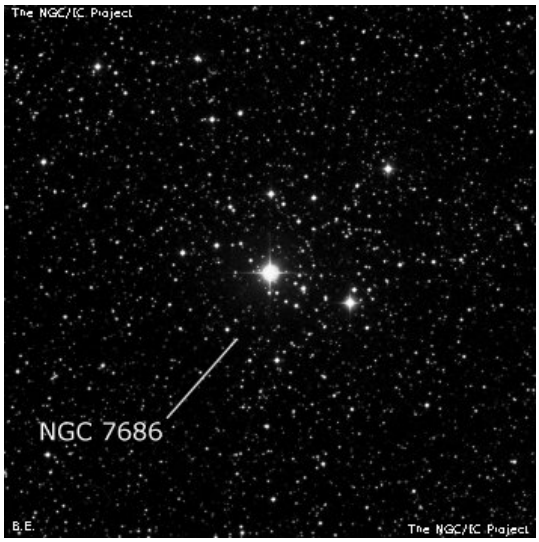
M	NGC2421	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	8.3	**Size**	10 x 10
RA	07h 36m	**Dec**	-20d 37m
Name			
Description	Cl, L, cRi, st 11...13		



NGC7686

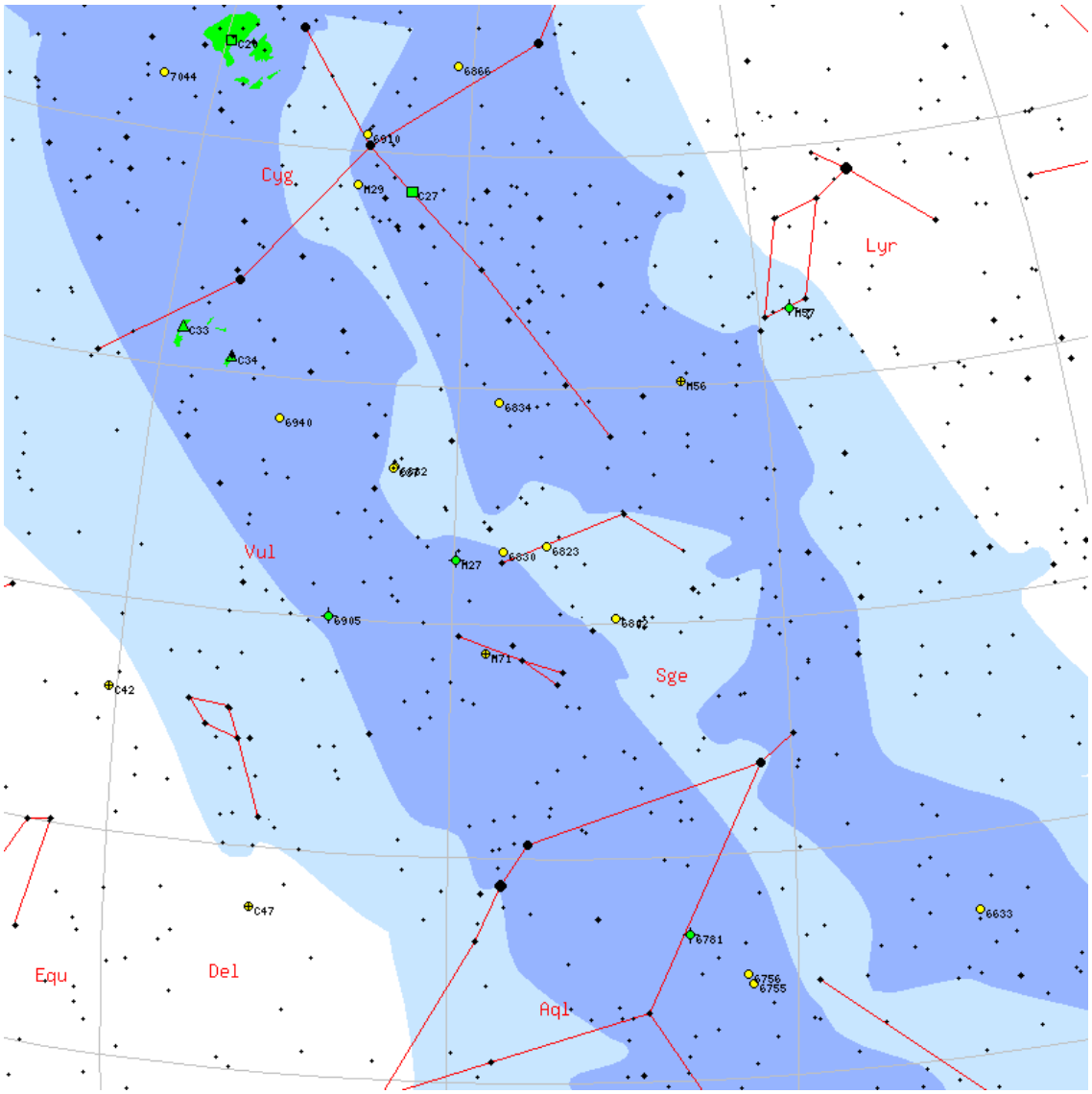
M	NGC7686	**ID**	-
Constellation	And	**Type**	OC
Magnitude	5.6	**Size**	15 x 15
RA	23h 30m	**Dec**	+49d 07m
Name			
Description	Cl, P, IC, st 7...11		

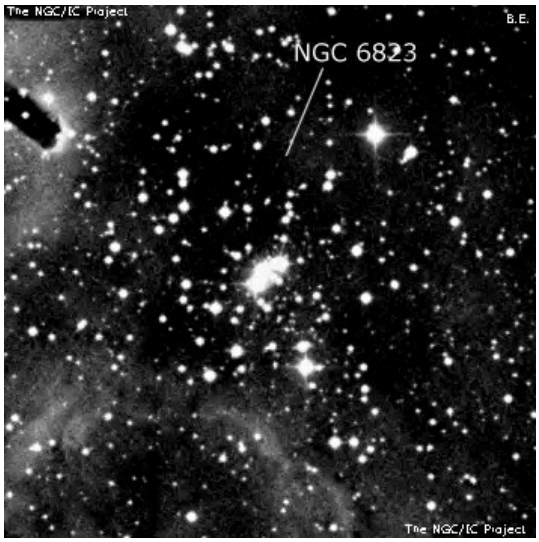




NGC6823

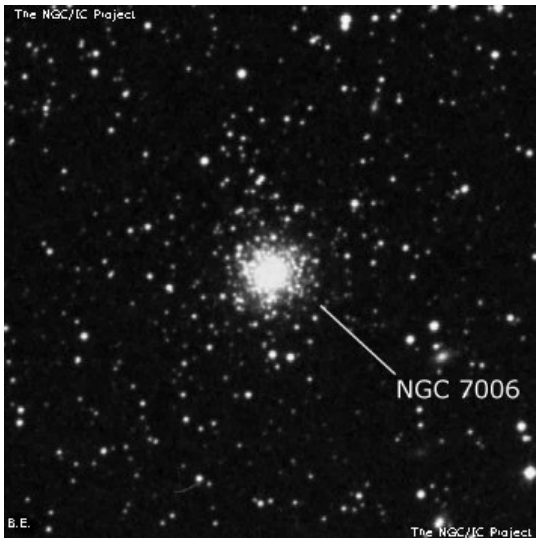
M	NGC6823	**ID**	-
Constellation	Vul	**Type**	OC
Magnitude	7.1	**Size**	12 x 12
RA	19h 43m	**Dec**	+23d 18m
Name			
Description	Cl, cRi, E, st 11...12		





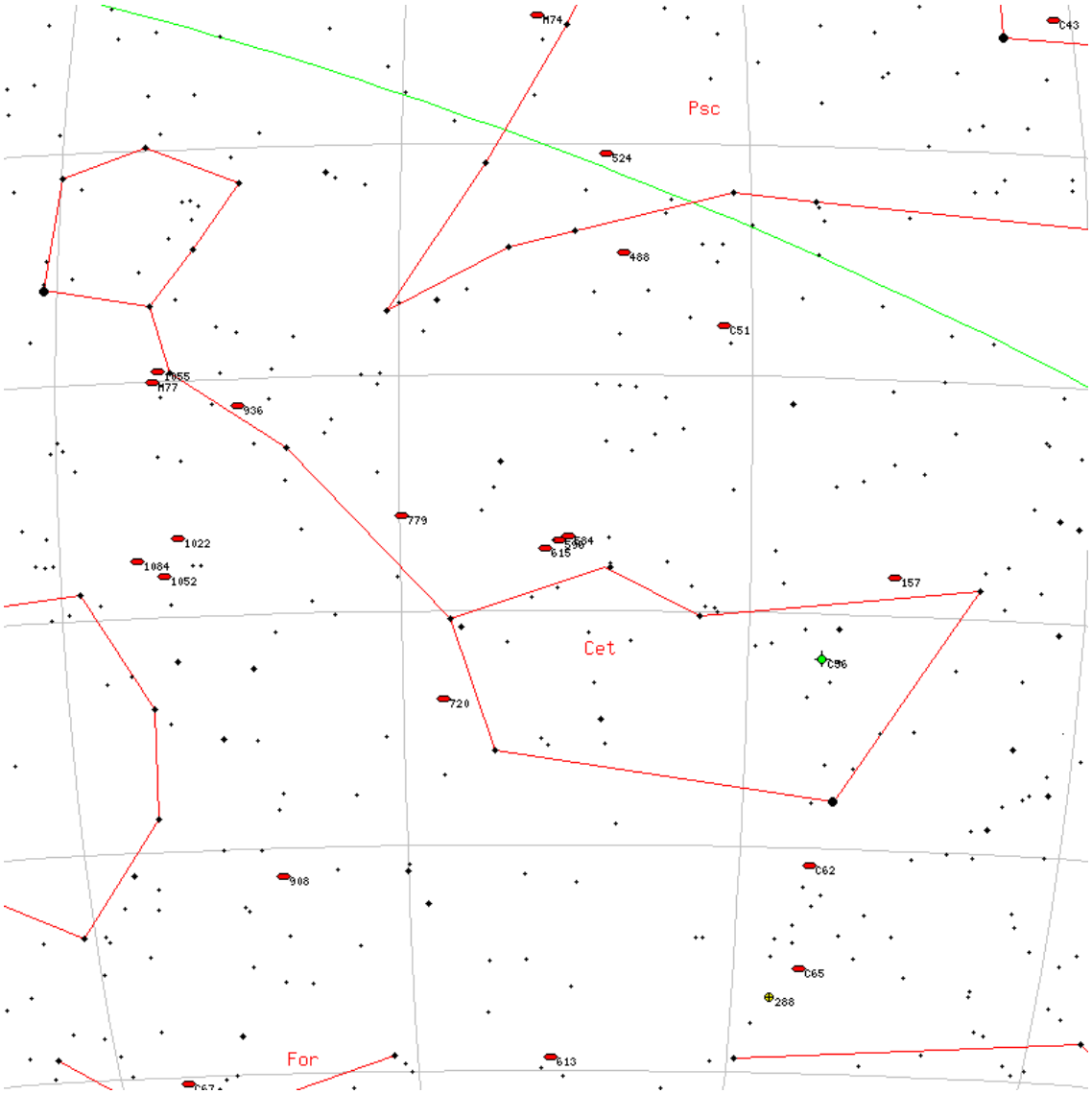
NGC7006

M	NGC7006	**ID**	-
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		



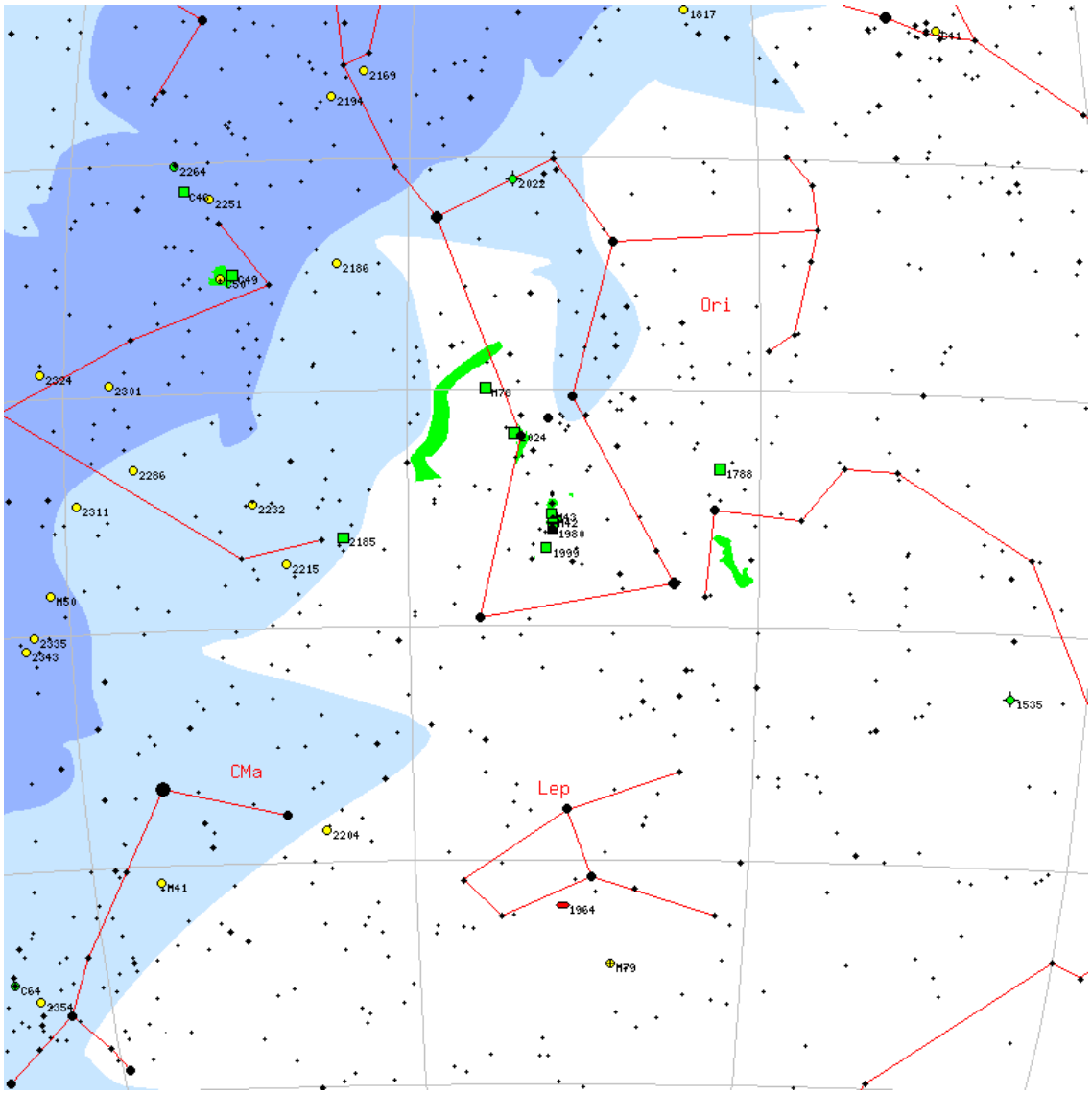
NGC615

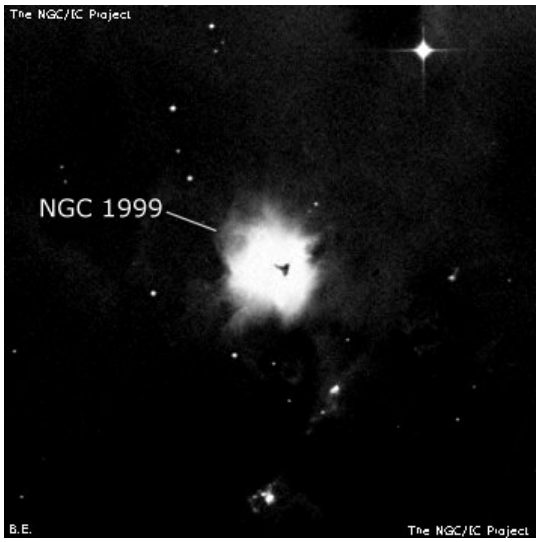
M	NGC615	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	11.5	**Size**	1.8 x 0.7
RA	01h 35m	**Dec**	-07d 19m
Name			
Description	pB, pL, iIE, gbM, r, *8 np 10'		



NGC1999

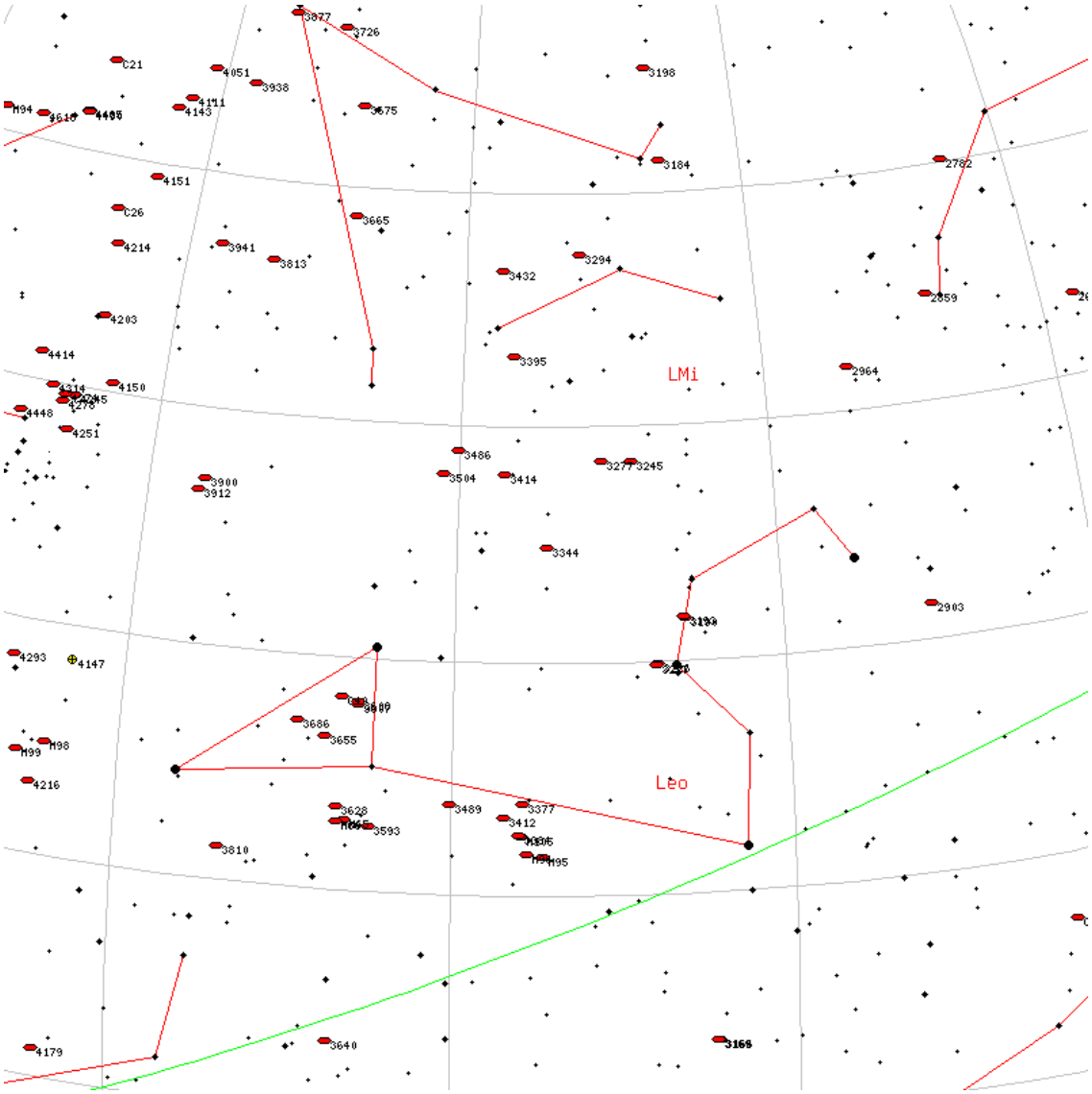
M	NGC1999	**ID**	-
Constellation	Ori	**Type**	Nb
Magnitude	-	**Size**	16 x 16
RA	05h 36m	**Dec**	-06d 42m
Name			
Description	*10-11 inv in neb		

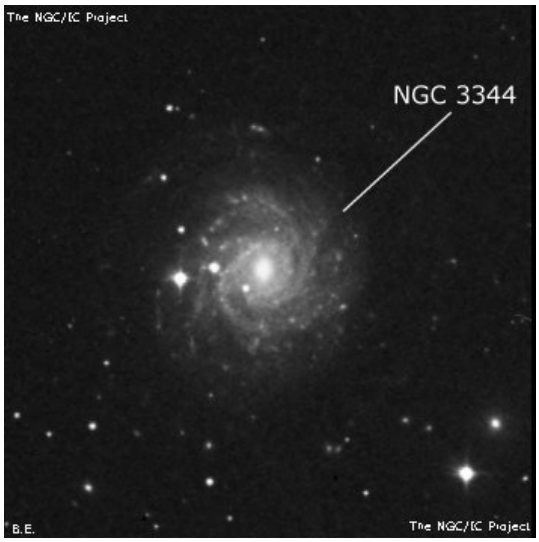




NGC3344

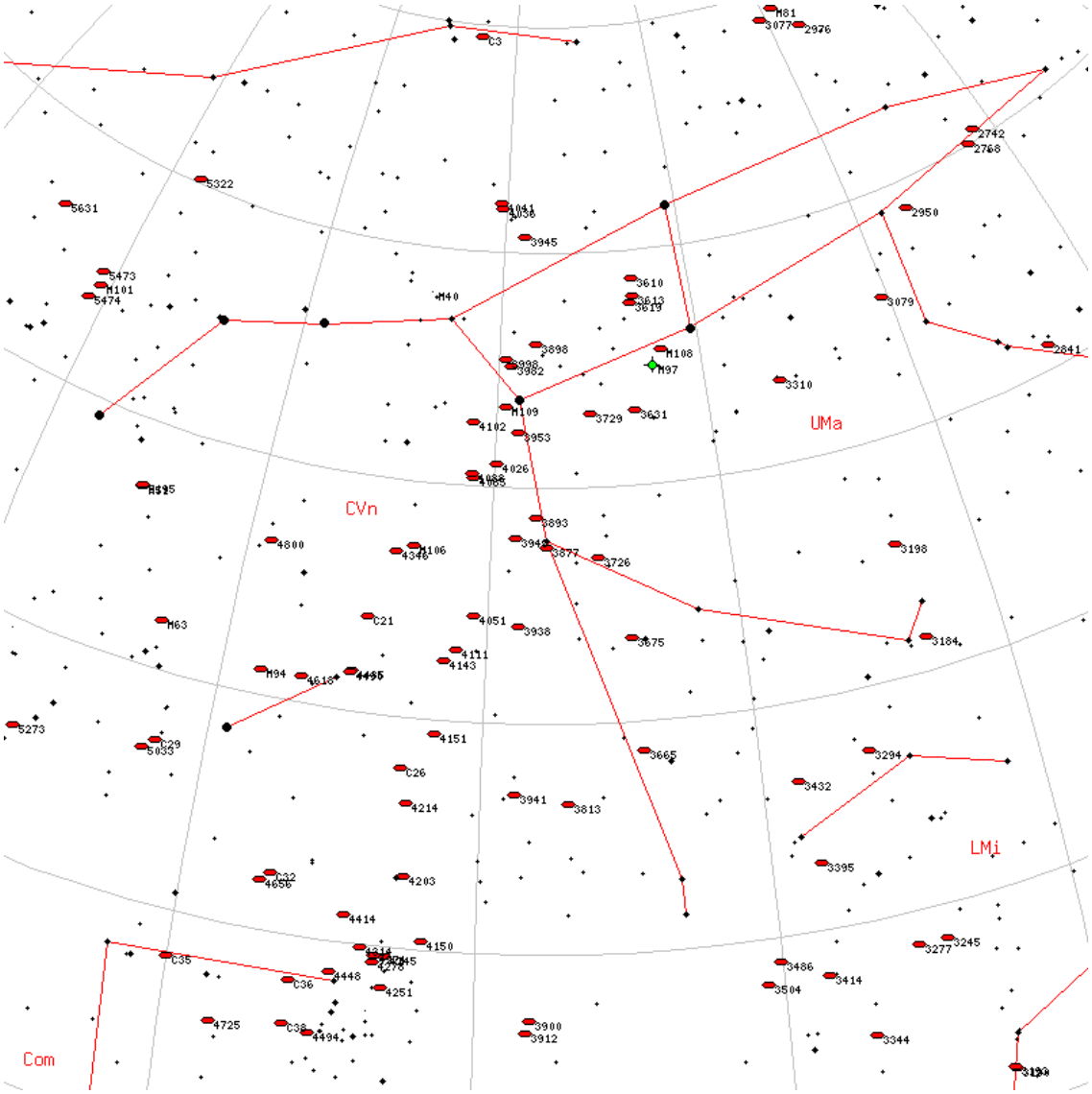
M	NGC3344	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	10	**Size**	6.9 x 6.9
RA	10h 43m	**Dec**	+24d 55m
Name			
Description	cB, L, gbM, * inv, 2 st f		

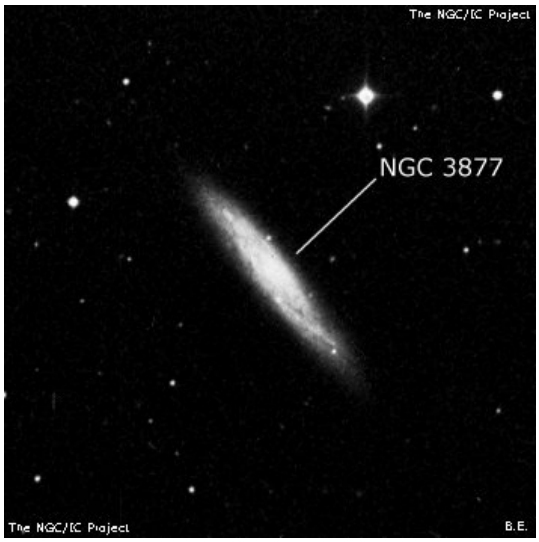




NGC3877

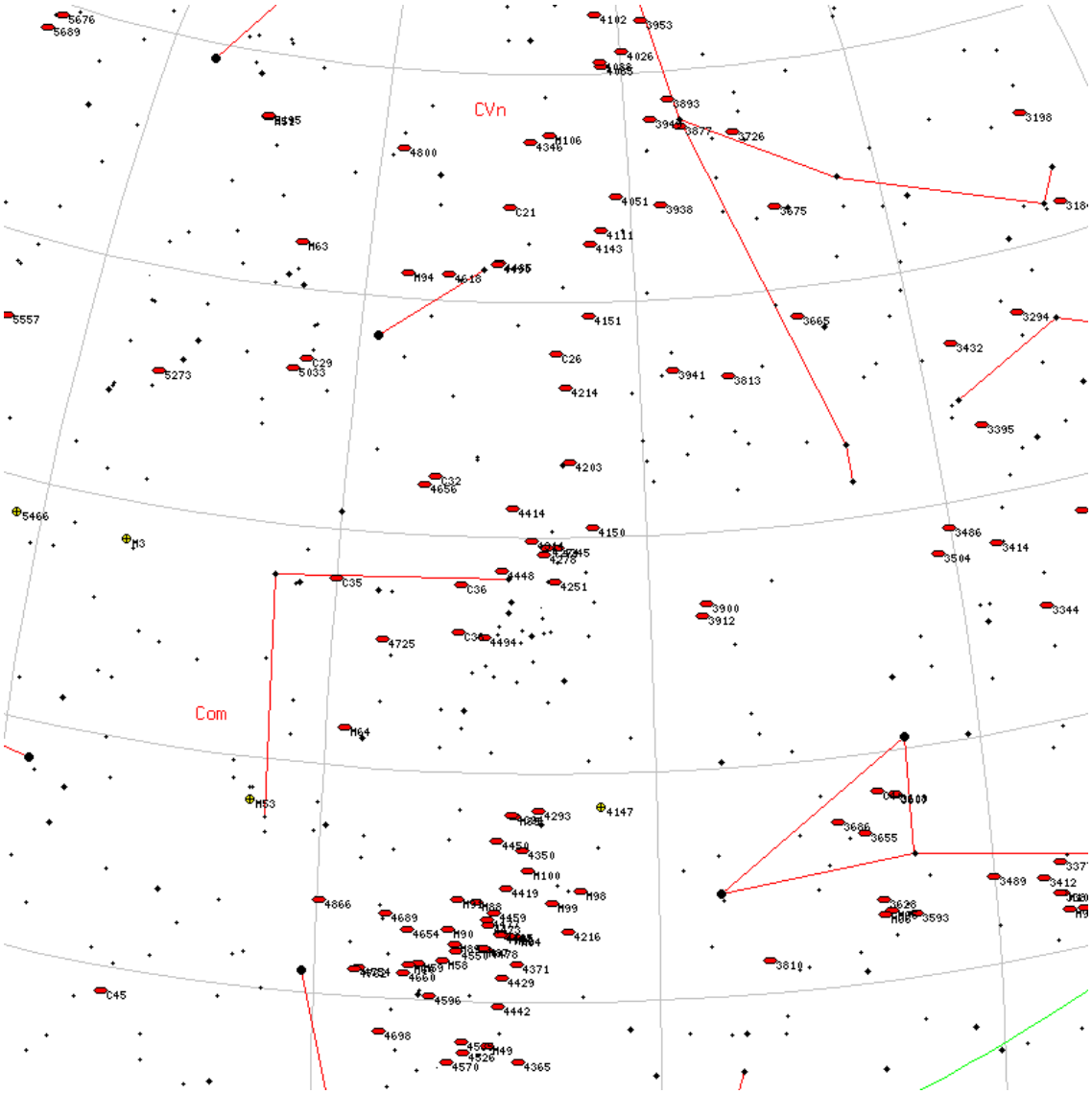
M	NGC3877	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	12	**Size**	2.8 x 0.6
RA	11h 46m	**Dec**	+47d 30m
Name			
Description	B, L, mE 37deg		

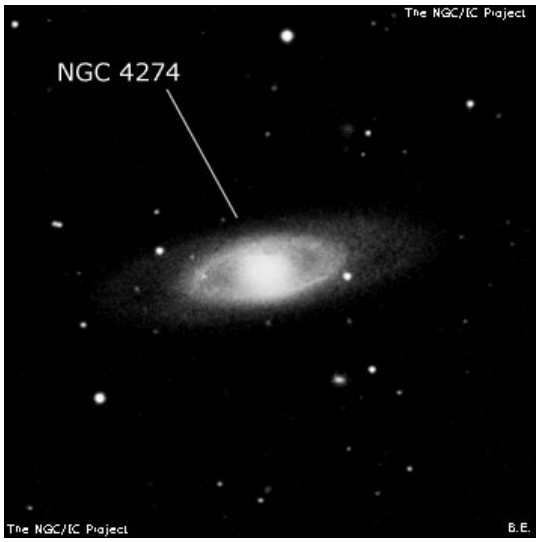




NGC4274

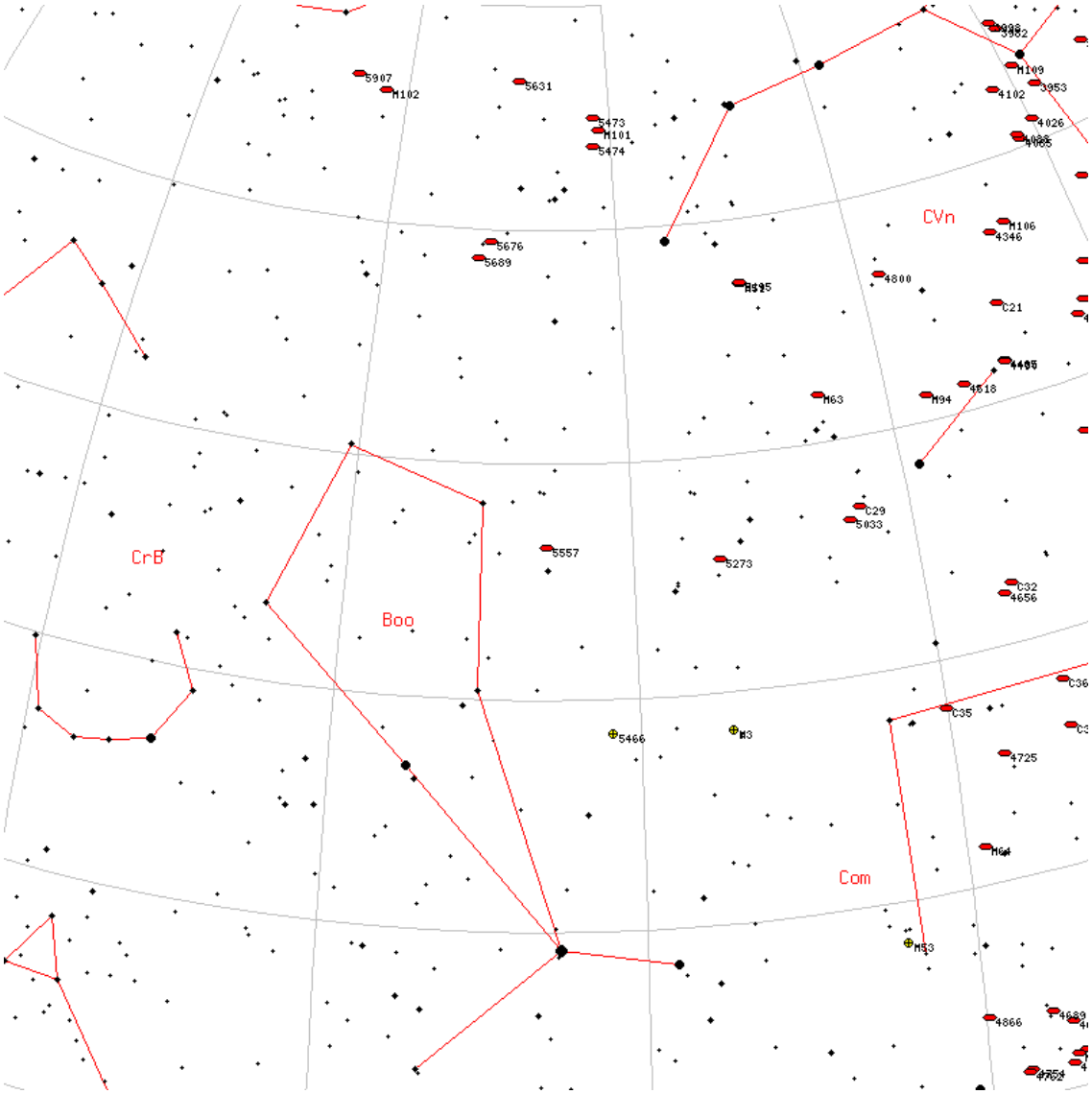
M	NGC4274	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.4	**Size**	3.4 x 1.3
RA	12h 19m	**Dec**	+29d 37m
Name			
Description	vB, vL, E 90deg , mbMN		

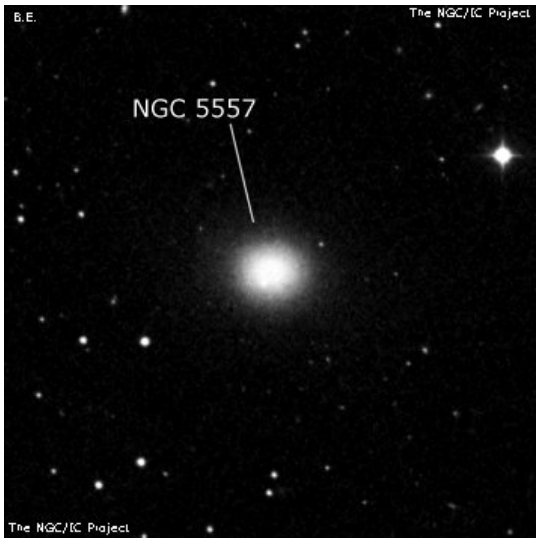




NGC5557

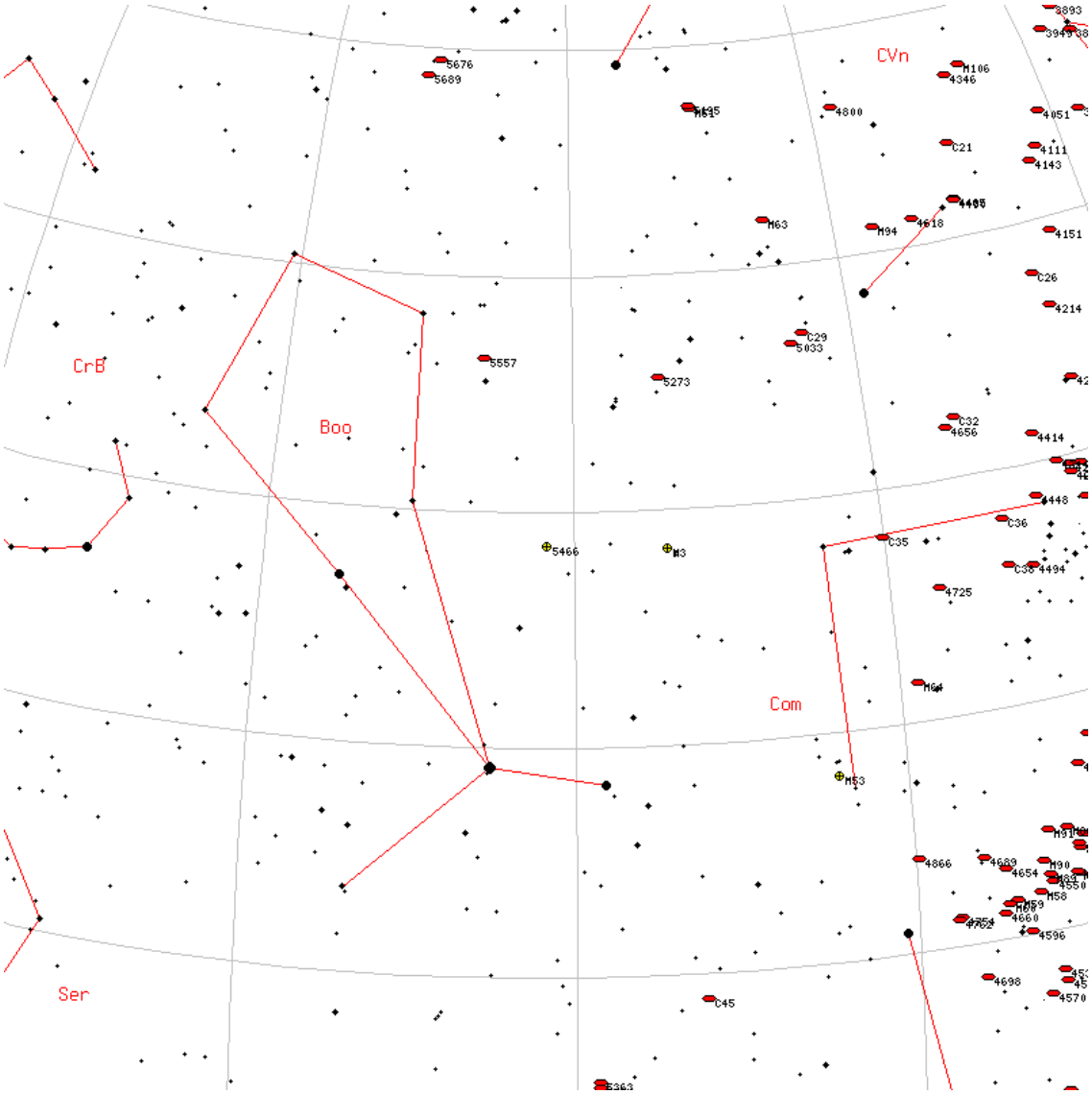
M	NGC5557	**ID**	-
Constellation	Boo	**Type**	Gx
Magnitude	11.1	**Size**	1.1 x 0.9
RA	14h 18m	**Dec**	+36d 30m
Name			
Description	cB, S, R, vsbM *		

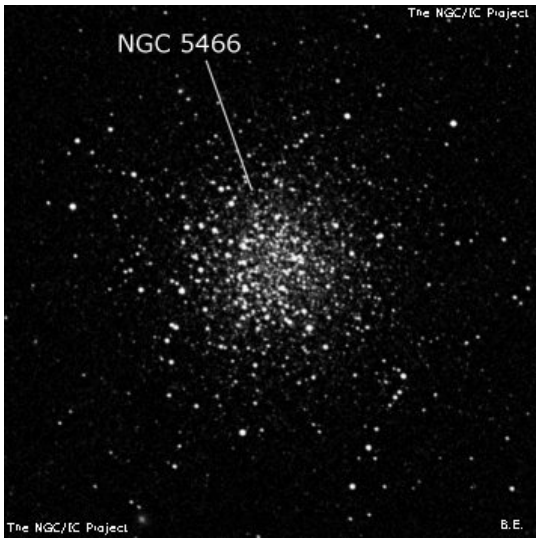




NGC5466

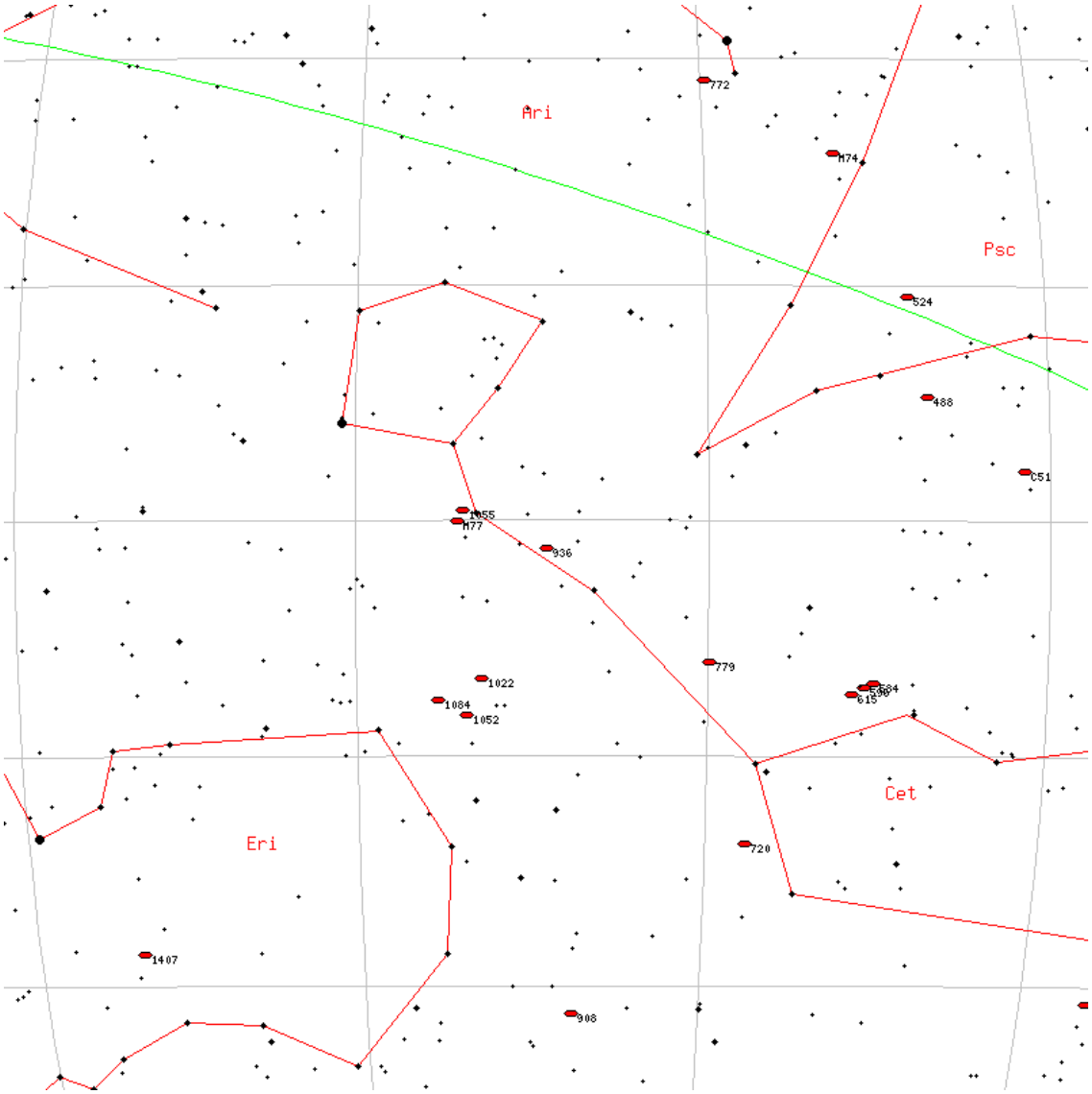
M	NGC5466	**ID**	-
Constellation	Boo	**Type**	Gb
Magnitude	9.1	**Size**	11 x 11
RA	14h 05m	**Dec**	+28d 31m
Name			
Description	Cl, L, vRi, vmC, st 11...		





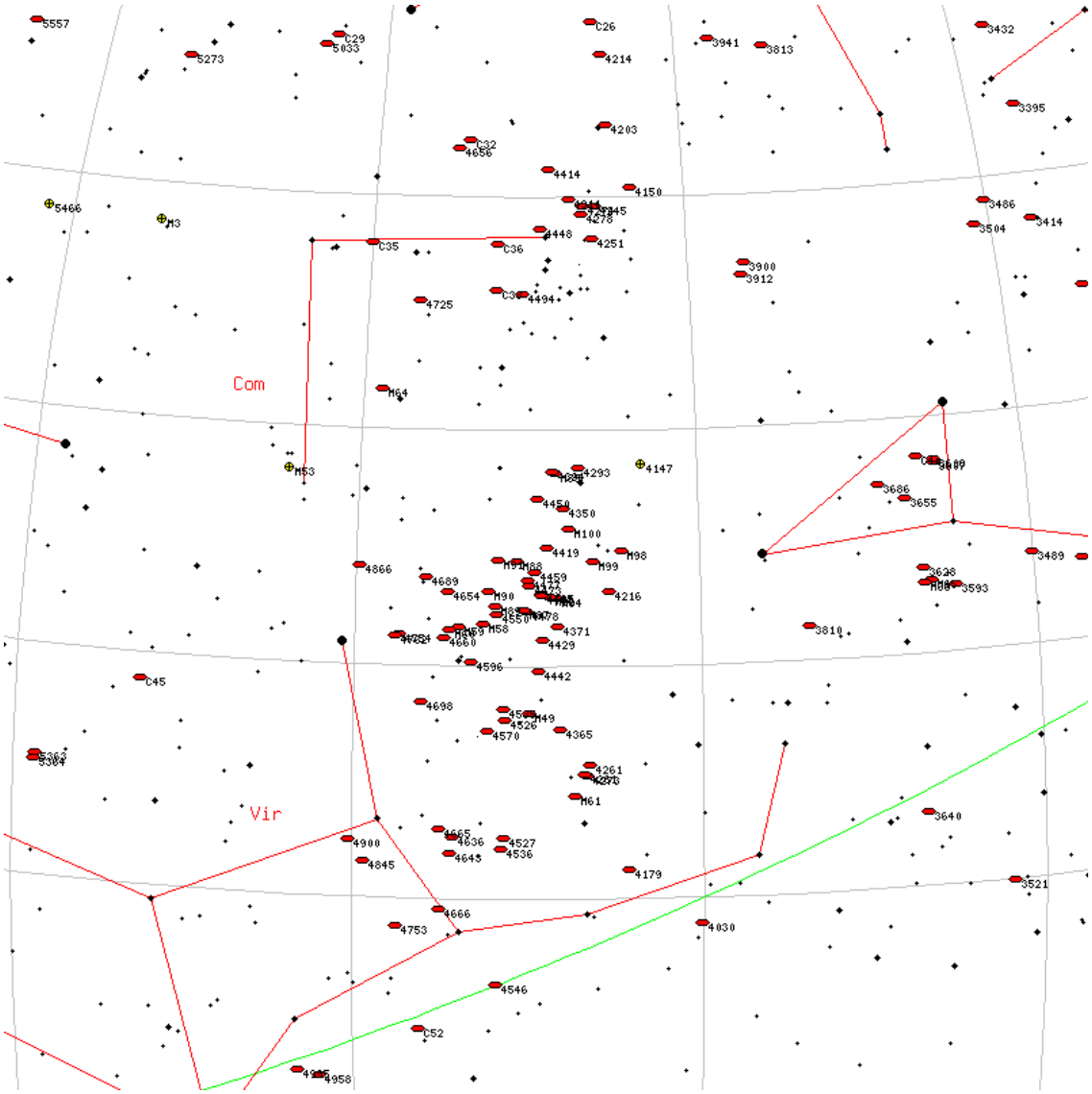
NGC936

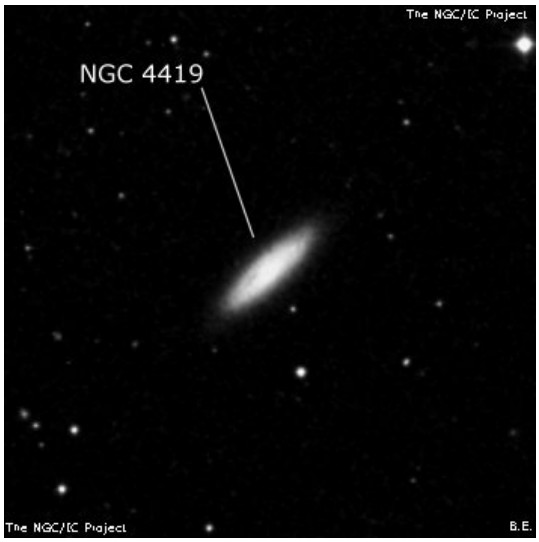
M	NGC936	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	10.1	**Size**	2.3 x 2
RA	02h 27m	**Dec**	-01d 08m
Name			
Description	vB, vL, R, mbMN, p of 2		



NGC4419

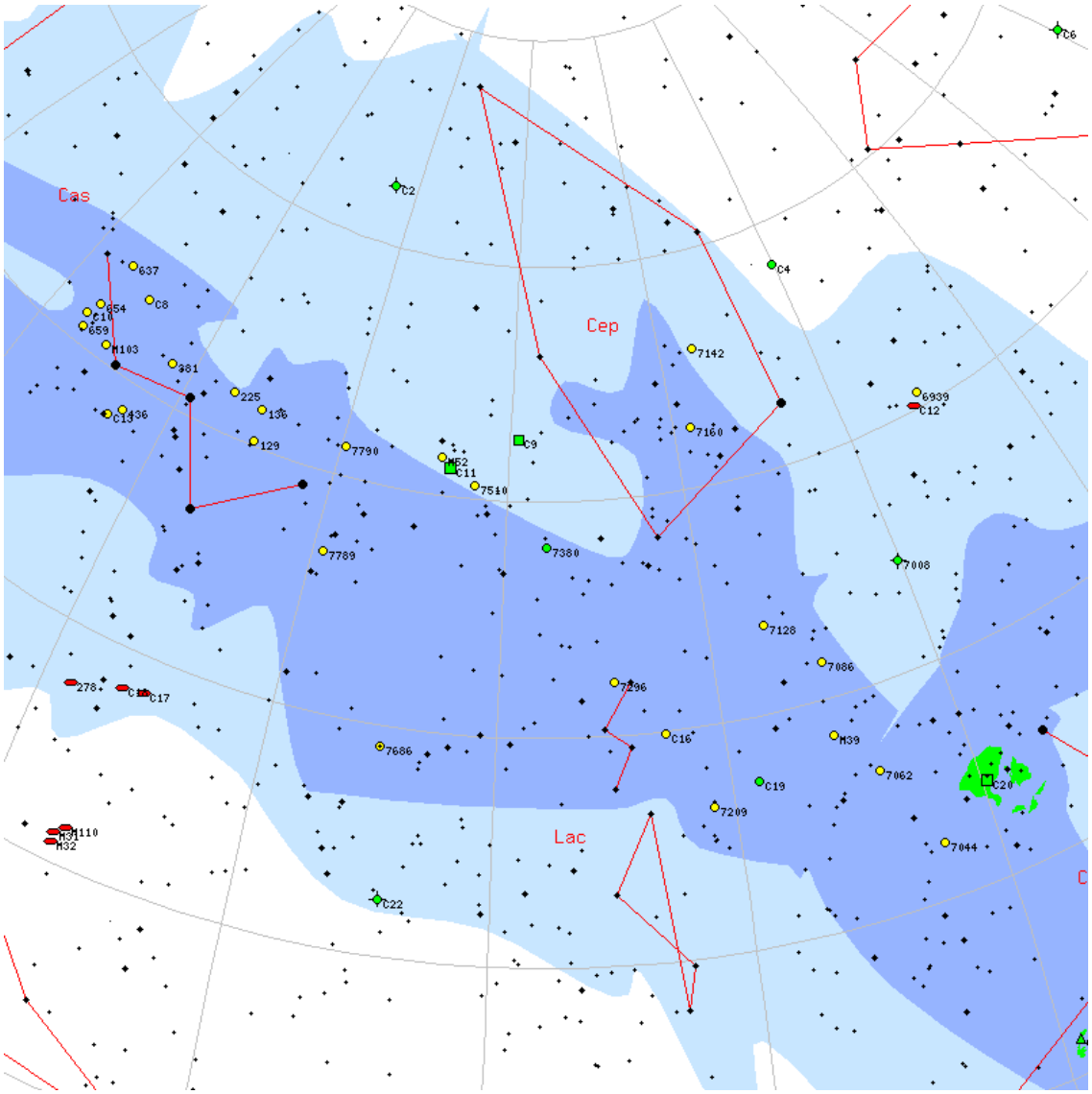
M	NGC4419	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	11.1	**Size**	1.7 x 0.6
RA	12h 26m	**Dec**	+15d 03m
Name			
Description	B, pmE 135deg +/- , sbM		

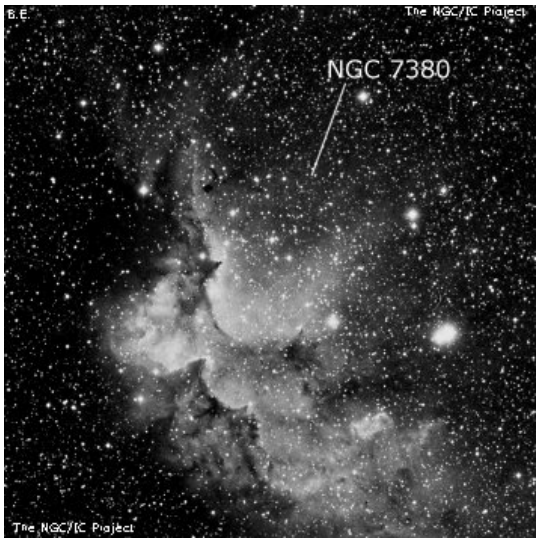




NGC7380

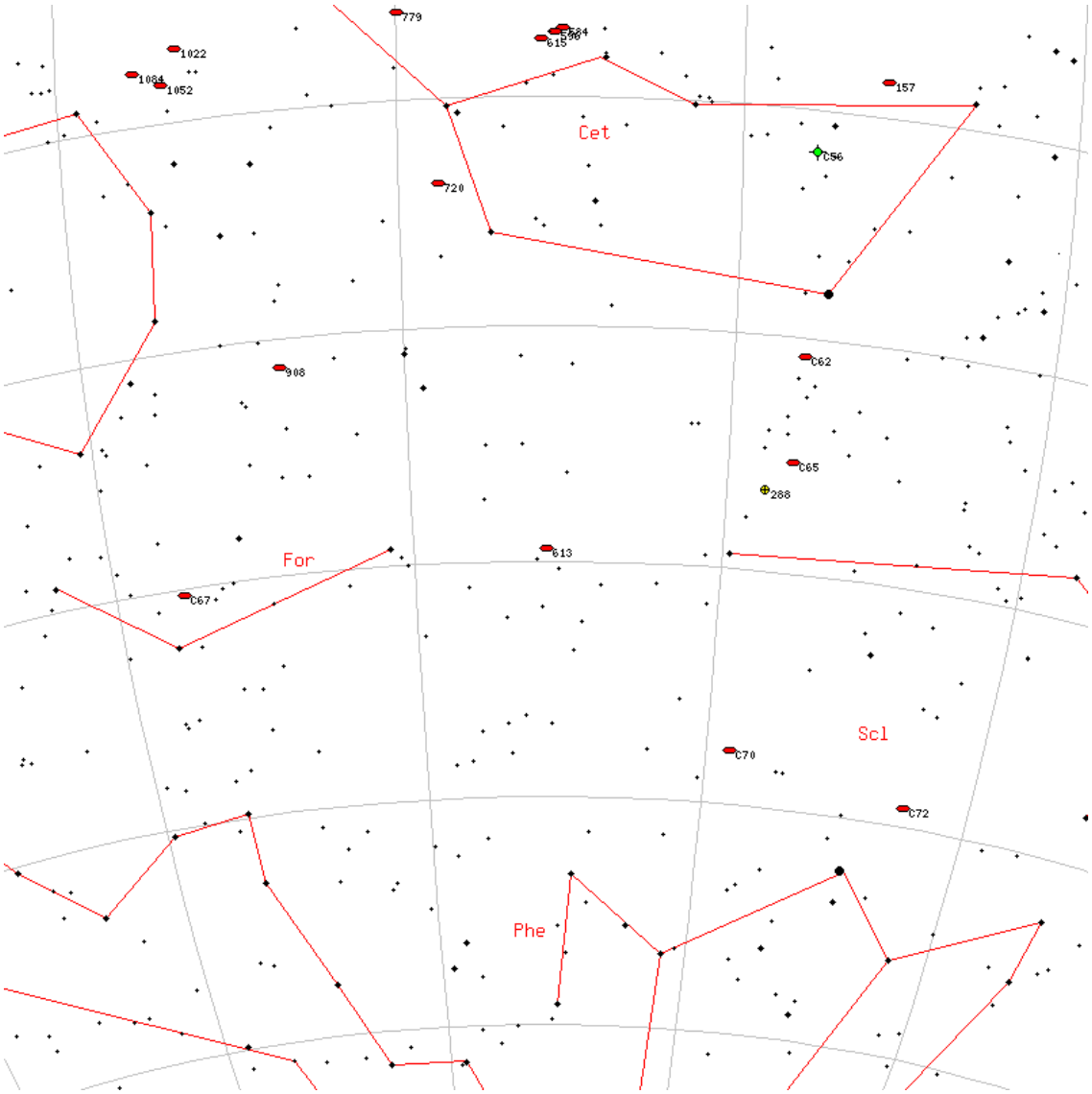
M	NGC7380	**ID**	-
Constellation	Cep	**Type**	CN
Magnitude	7.2	**Size**	25 x 25
RA	22h 46m	**Dec**	+58d 06m
Name			
Description	Cl, pL, pRi, IC, st 9...13		





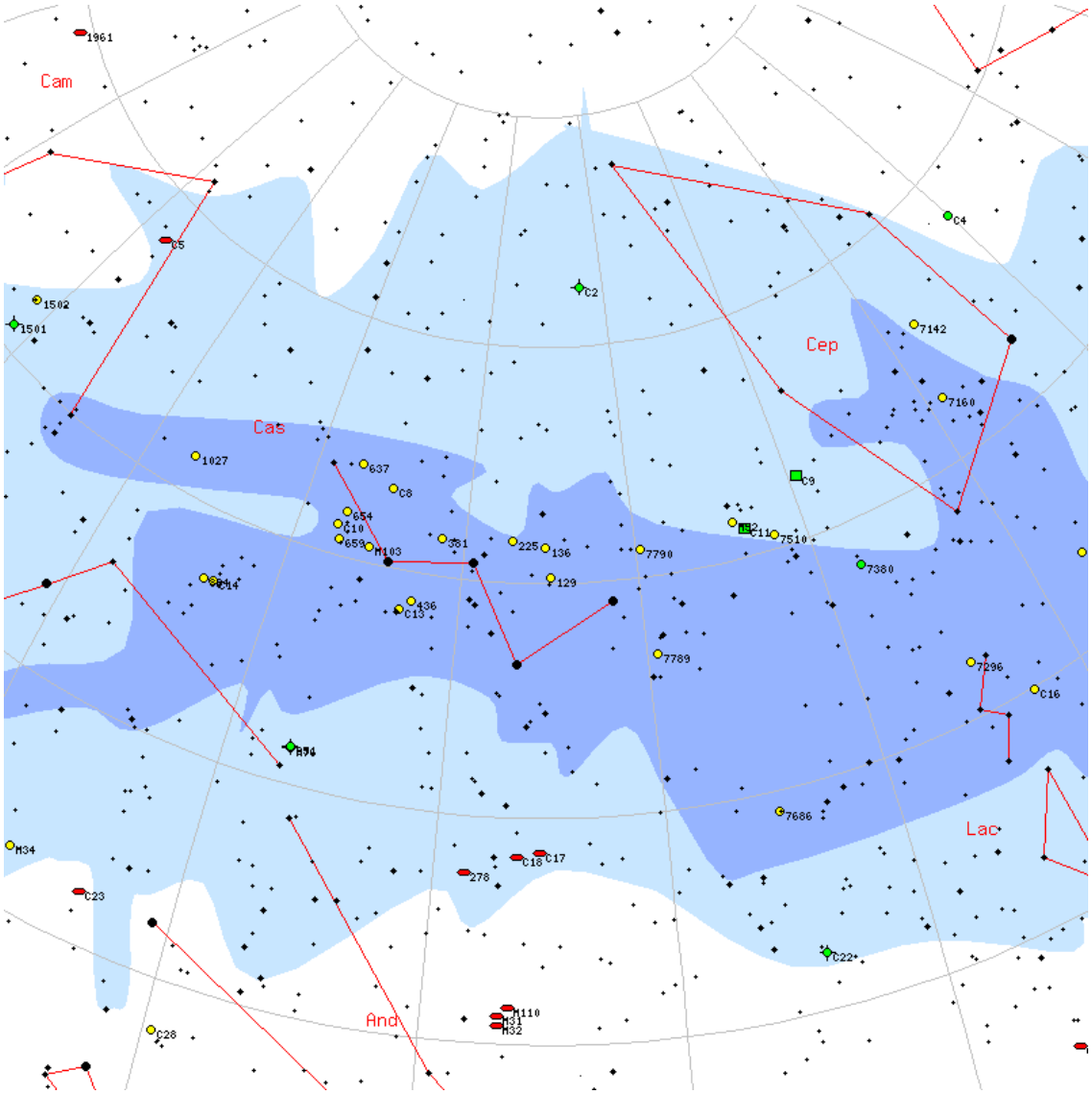
NGC613

M	NGC613	**ID**	-
Constellation	Scl	**Type**	Gx
Magnitude	10	**Size**	2.8 x 2.1
RA	01h 34m	**Dec**	-29d 25m
Name			
Description	vB, vL, vmE 118deg , sbM, *10 nf		



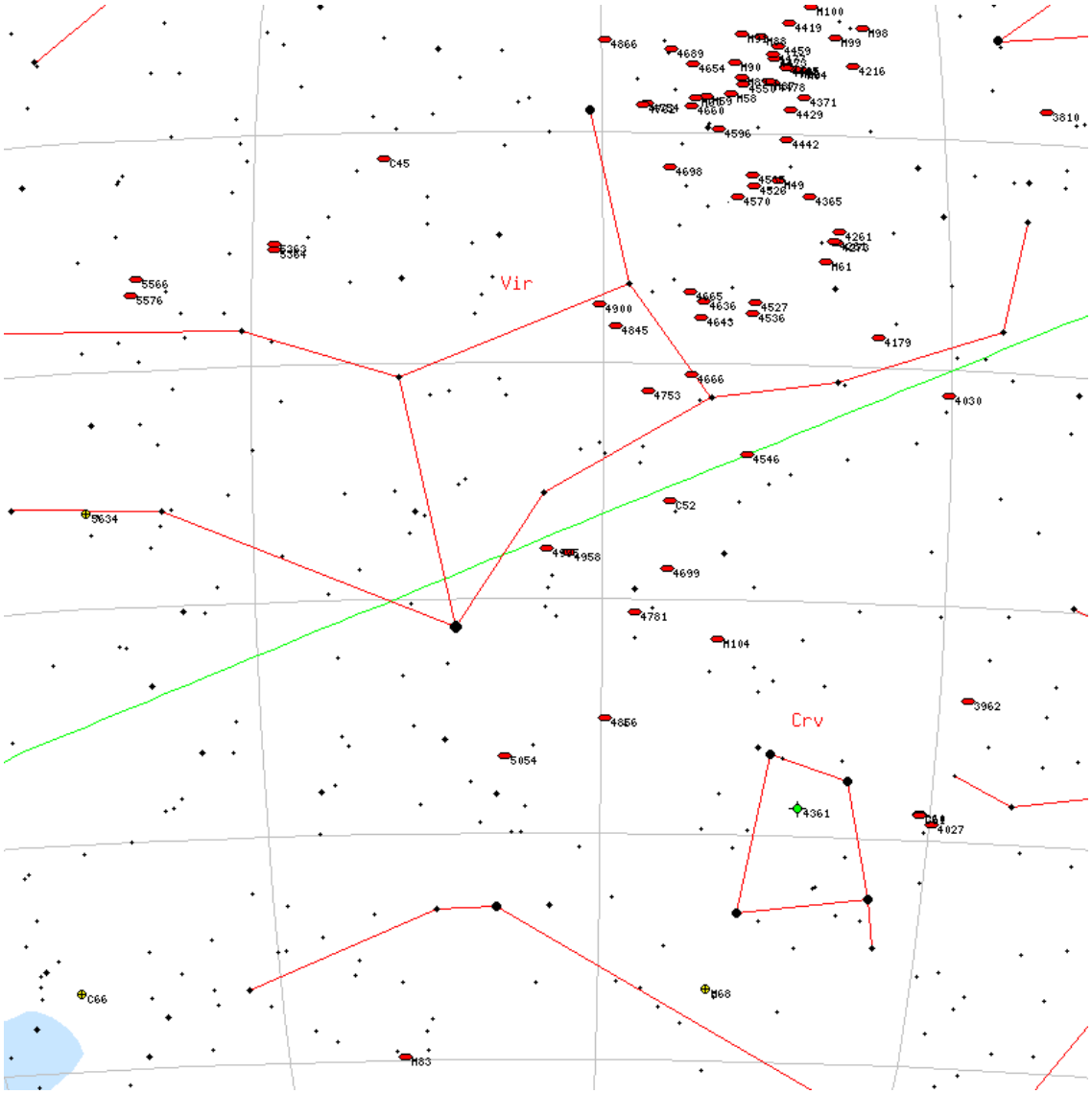
NGC136

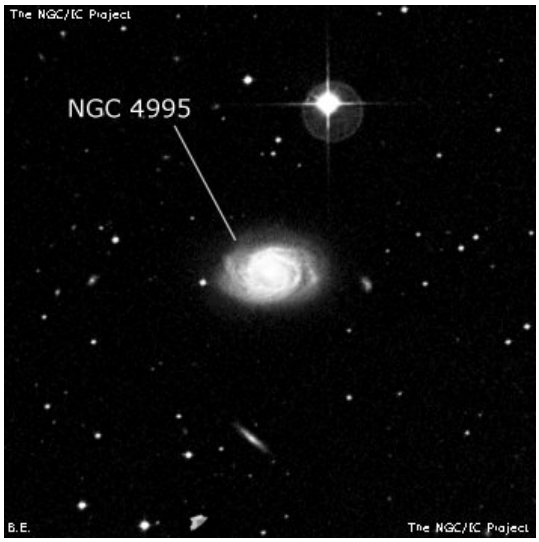
M	NGC136	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	-	**Size**	1 x 1
RA	00h 31m	**Dec**	+61d 31m
Name			
Description	glob. cl. , vF, S, eC		



NGC4995

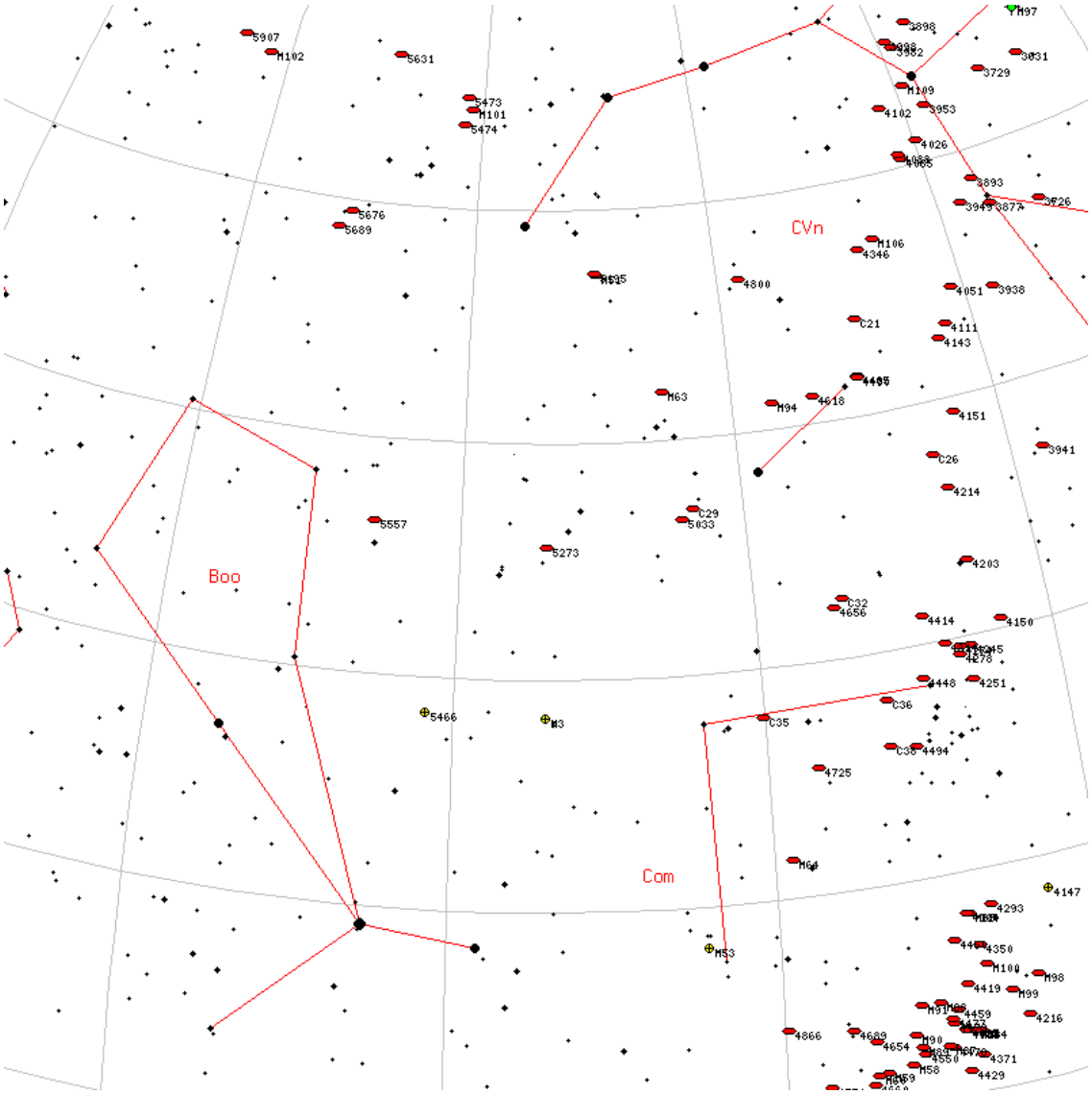
M	NGC4995	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11	**Size**	1.2 x 0.8
RA	13h 09m	**Dec**	-07d 49m
Name			
Description	pB, pL, R, vgpmbM, *8 np		

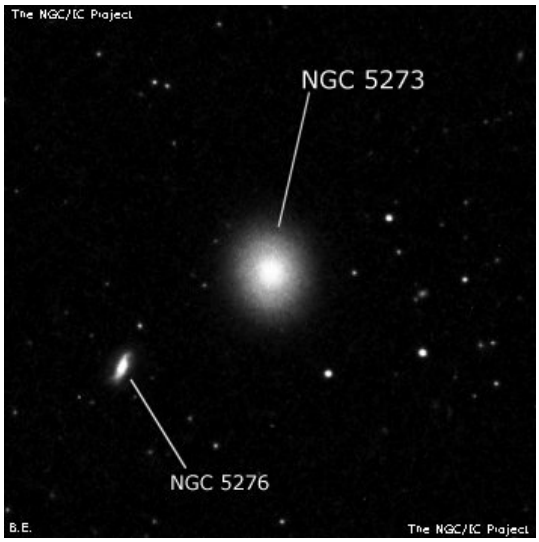




NGC5273

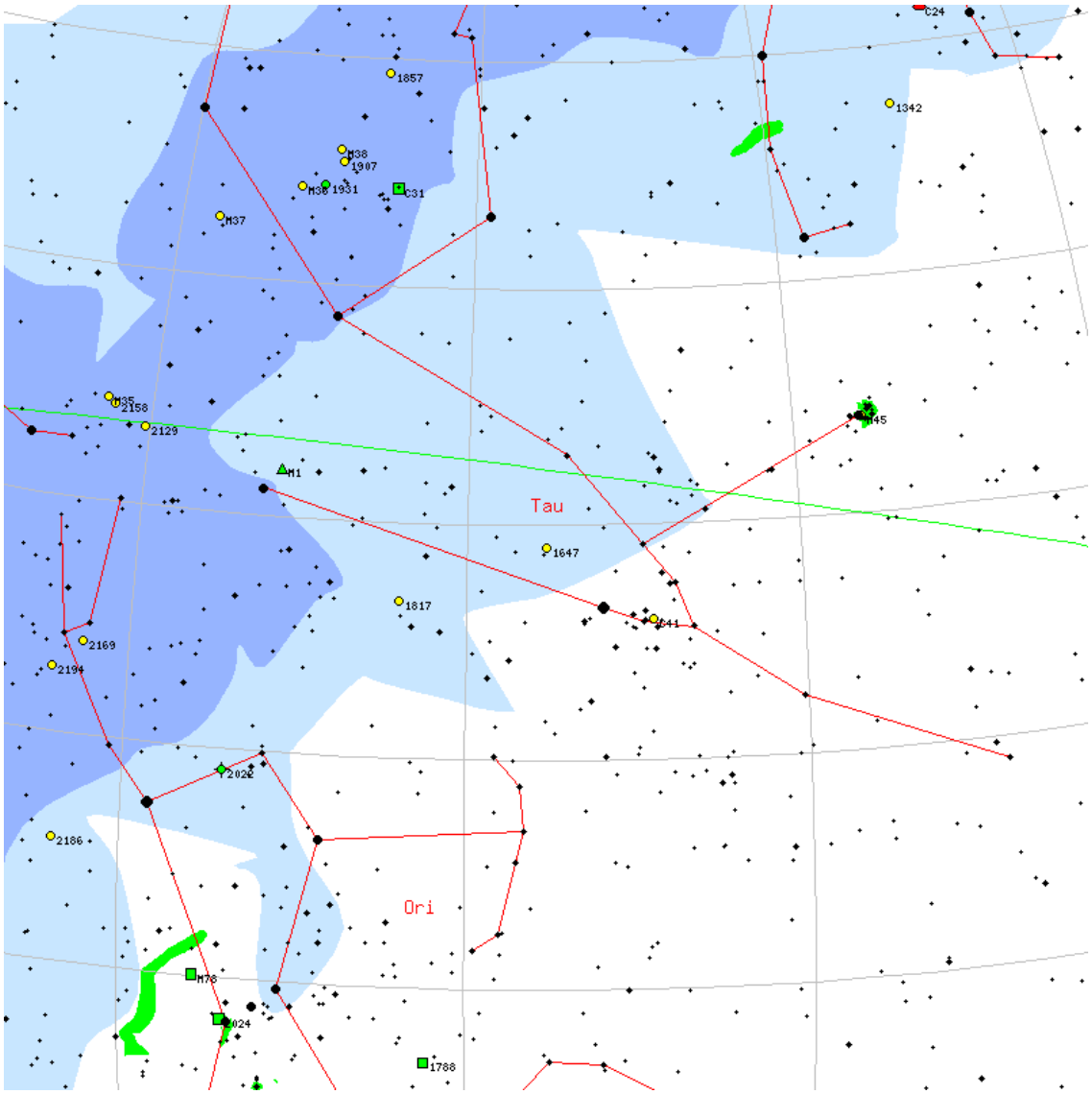
M	NGC5273	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	11.6	**Size**	1.4 x 1.3
RA	13h 42m	**Dec**	+35d 38m
Name			
Description	cB, pL, R, g, psmbM		

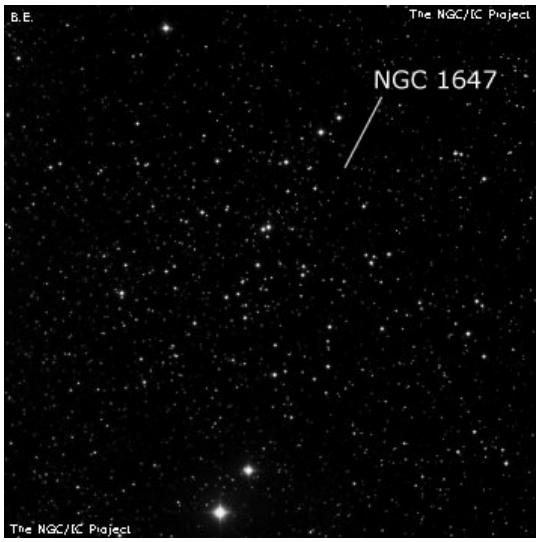




NGC1647

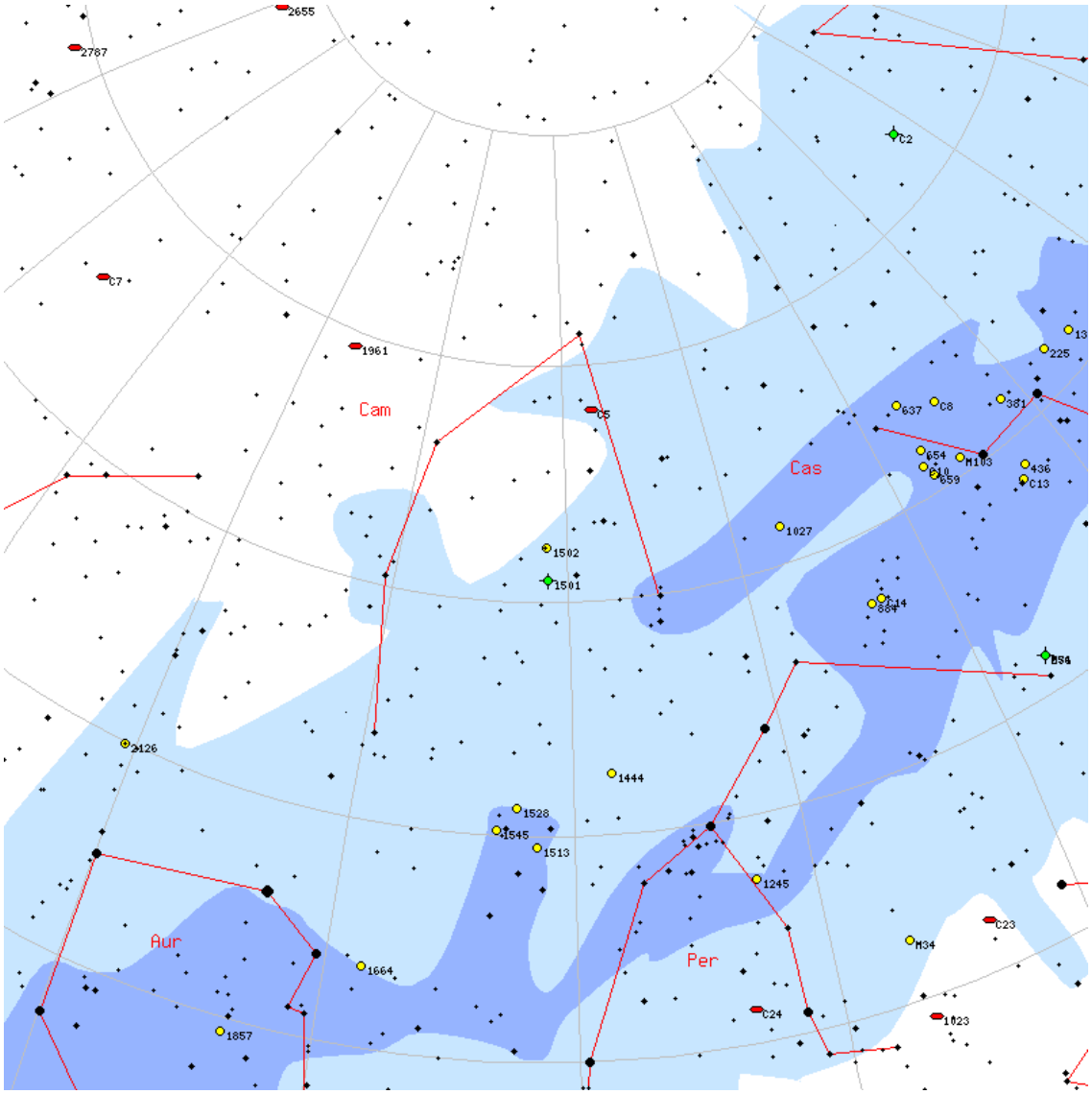
M	NGC1647	**ID**	-
Constellation	Tau	**Type**	OC
Magnitude	6.4	**Size**	45 x 45
RA	04h 46m	**Dec**	+19d 04m
Name			
Description	Cl, vL, st L, sc		

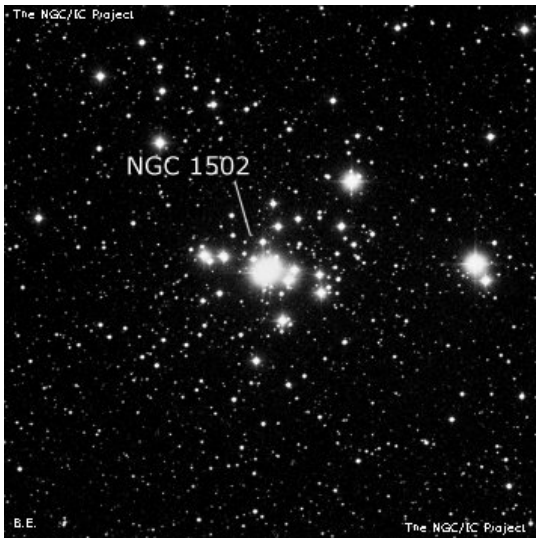




NGC1502

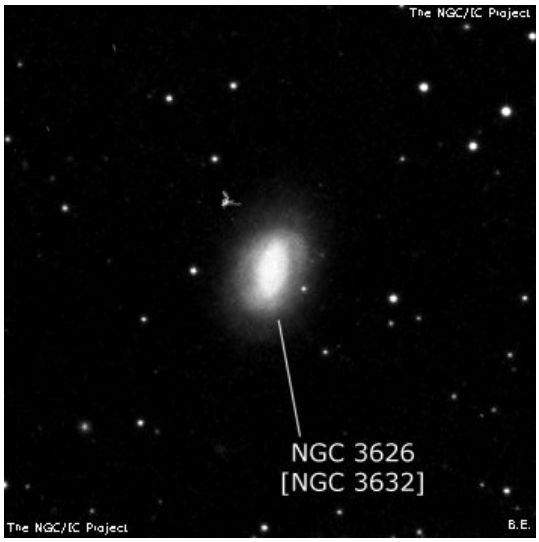
M	NGC1502	**ID**	-
Constellation	Cam	**Type**	OC
Magnitude	5.7	**Size**	8 x 8
RA	04h 07m	**Dec**	+62d 19m
Name			
Description	Cl, pRi, cC, iF		





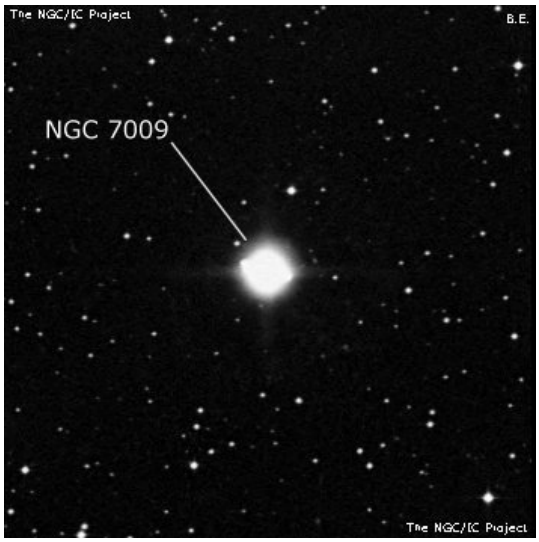
NGC3626

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



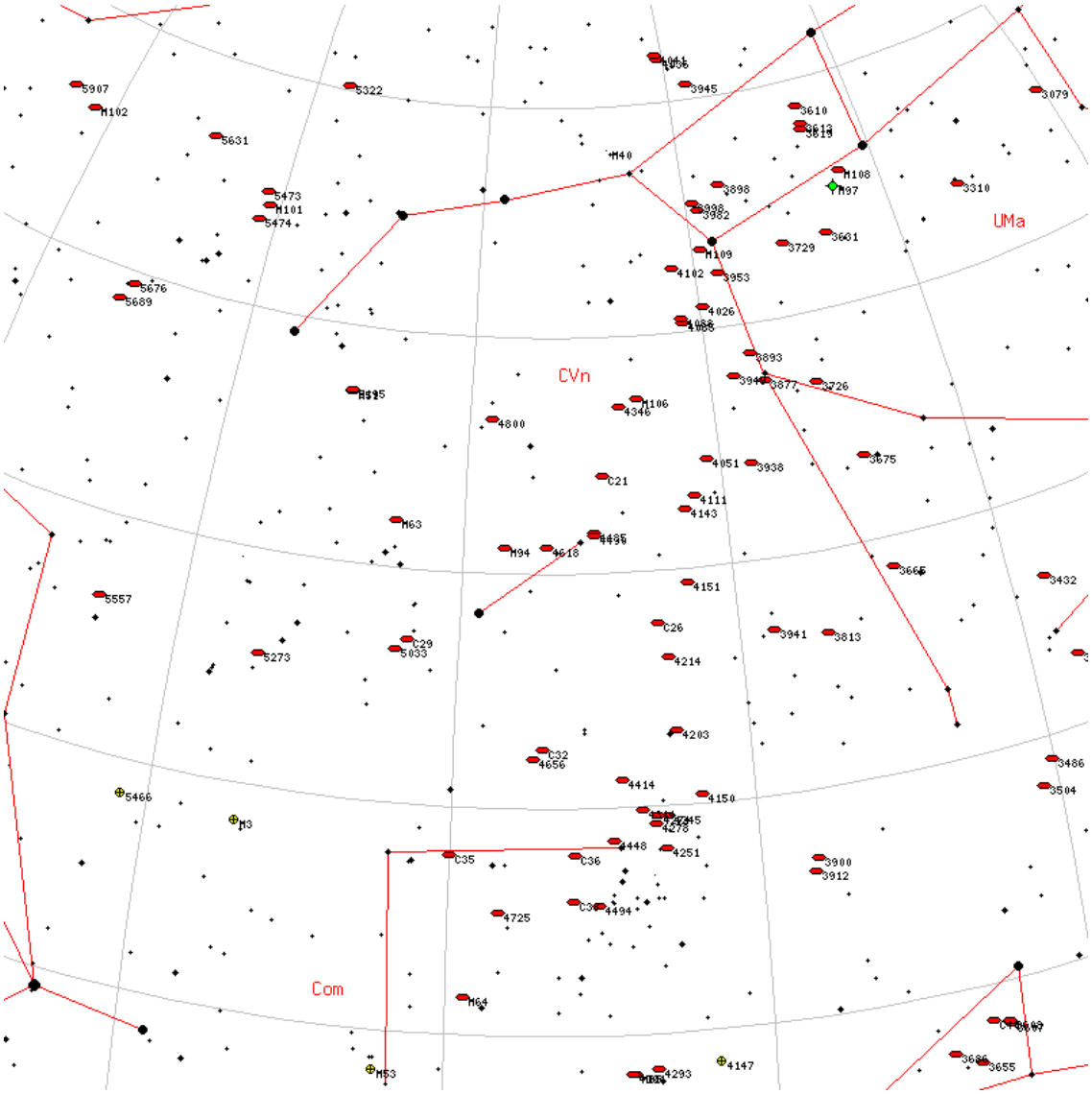
NGC7009

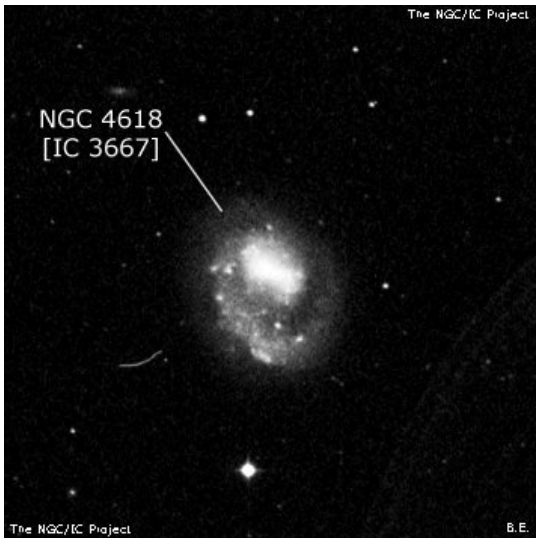
M	NGC7009	**ID**	-
Constellation	Aqr	**Type**	Pl
Magnitude	8	**Size**	1.7 x 1.7
RA	21h 04m	**Dec**	-11d 22m
Name	Saturn Nebula		
Description	!!!, PN , vB, S, elliptic		



NGC4618

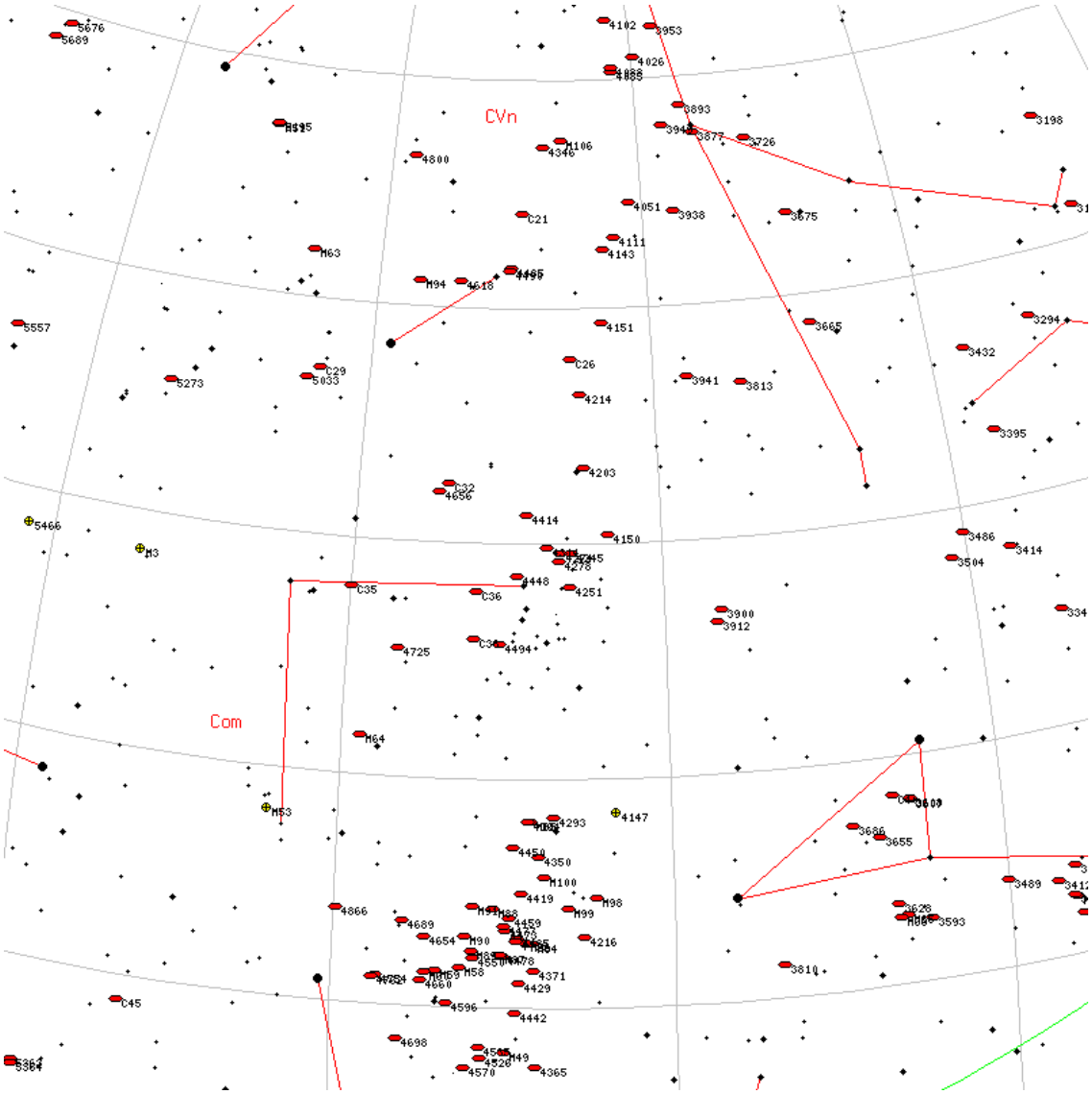
M	NGC4618	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	10.8	**Size**	2.1 x 1.7
RA	12h 41m	**Dec**	+41d 08m
Name			
Description	B, L, E, mbM, curved branch n		

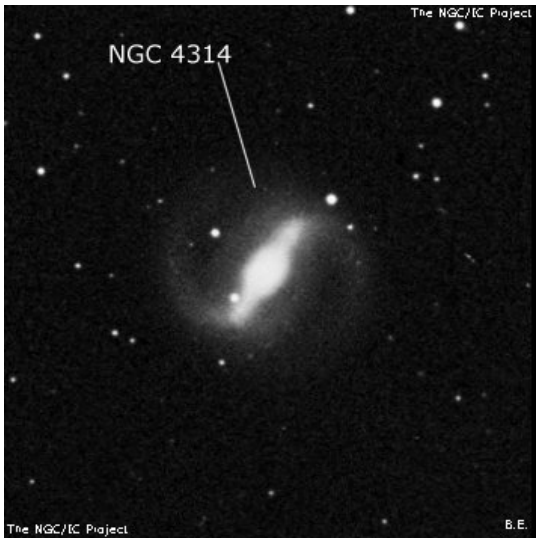




NGC4314

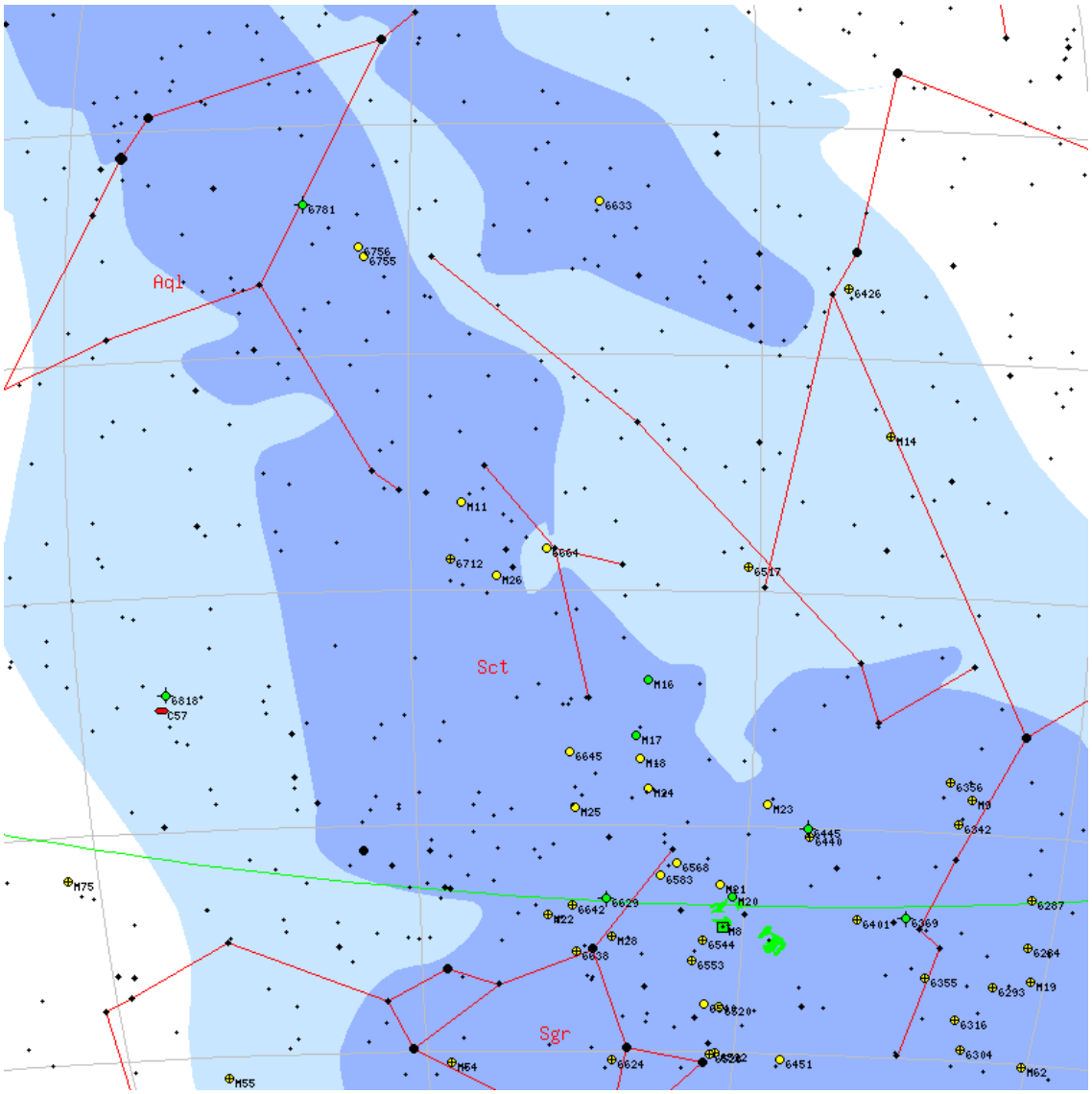
M	NGC4314	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.5	**Size**	4.8 x 4.8
RA	12h 22m	**Dec**	+29d 52m
Name			
Description	cB, L, E 150deg +/- , sbM, * np		

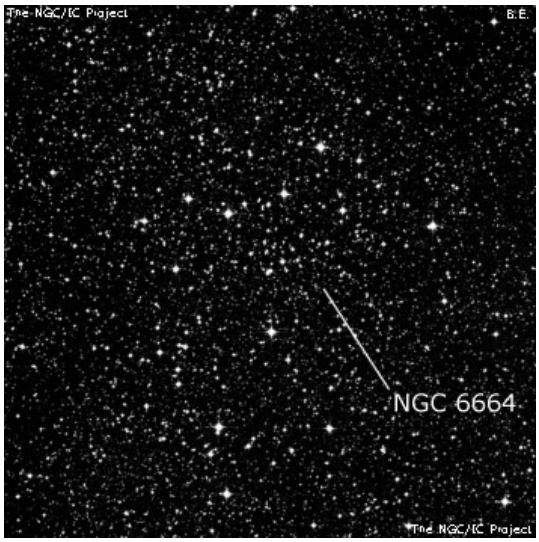




NGC6664

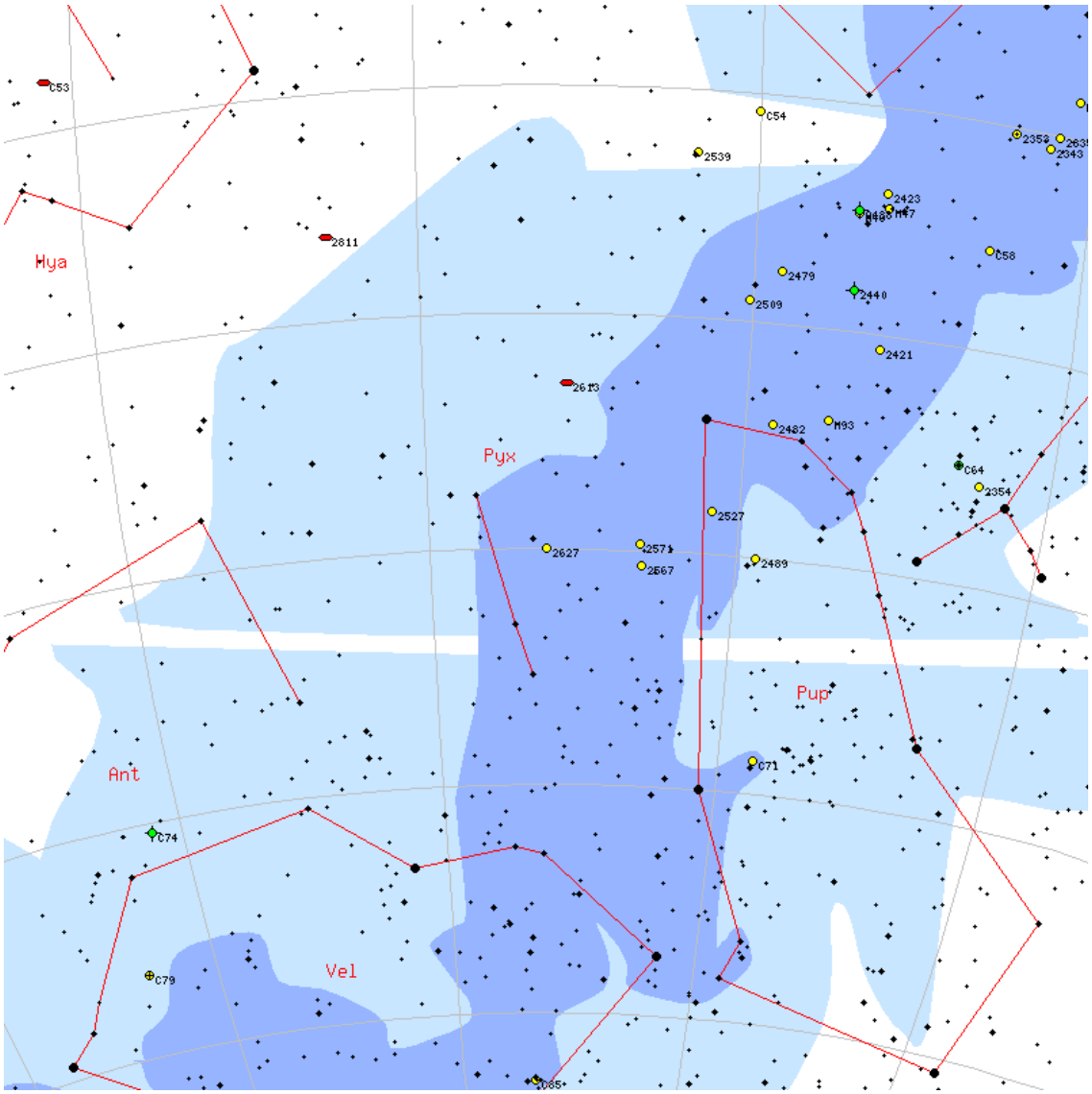
M	NGC6664	**ID**	-
Constellation	Sct	**Type**	OC
Magnitude	7.8	**Size**	16 x 16
RA	18h 36m	**Dec**	-08d 13m
Name			
Description	Cl, L, pRi, vIC		





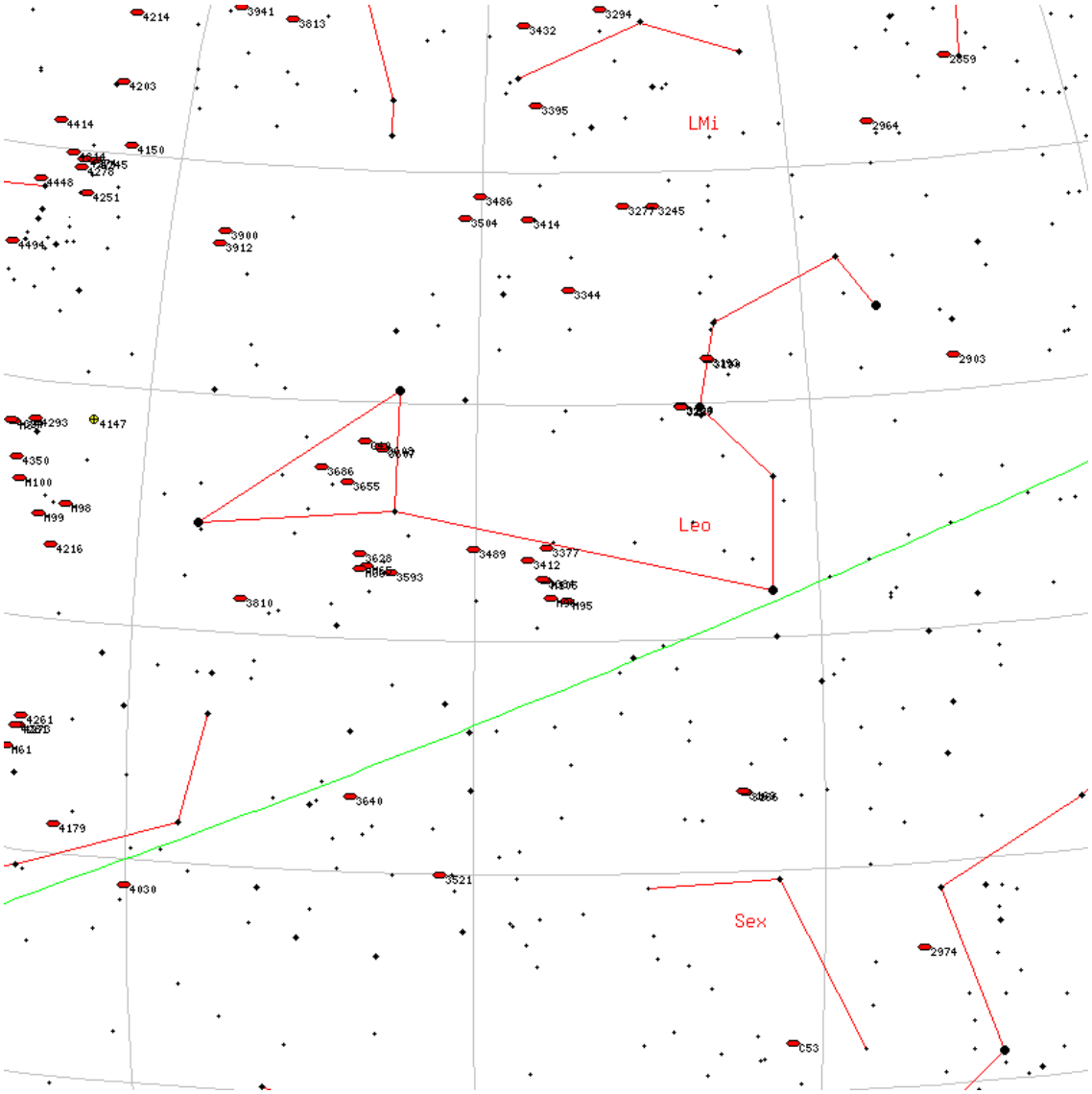
NGC2627

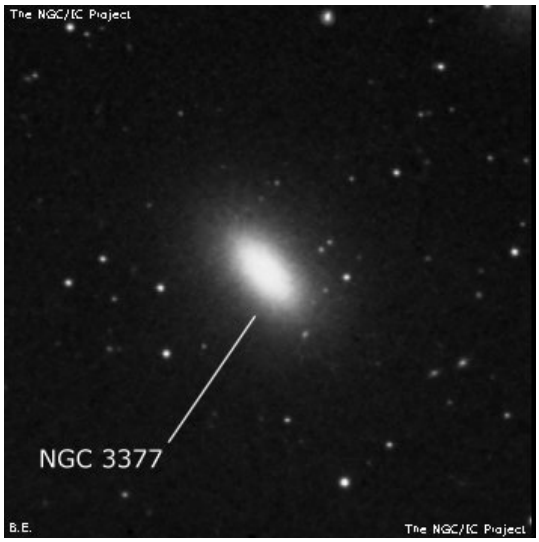
M	NGC2627	**ID**	-
Constellation	Pyx	**Type**	OC
Magnitude	8	**Size**	11 x 11
RA	08h 37m	**Dec**	-29d 56m
Name			
Description	Cl, cL, pRi, pC, st 11...13		



NGC3377

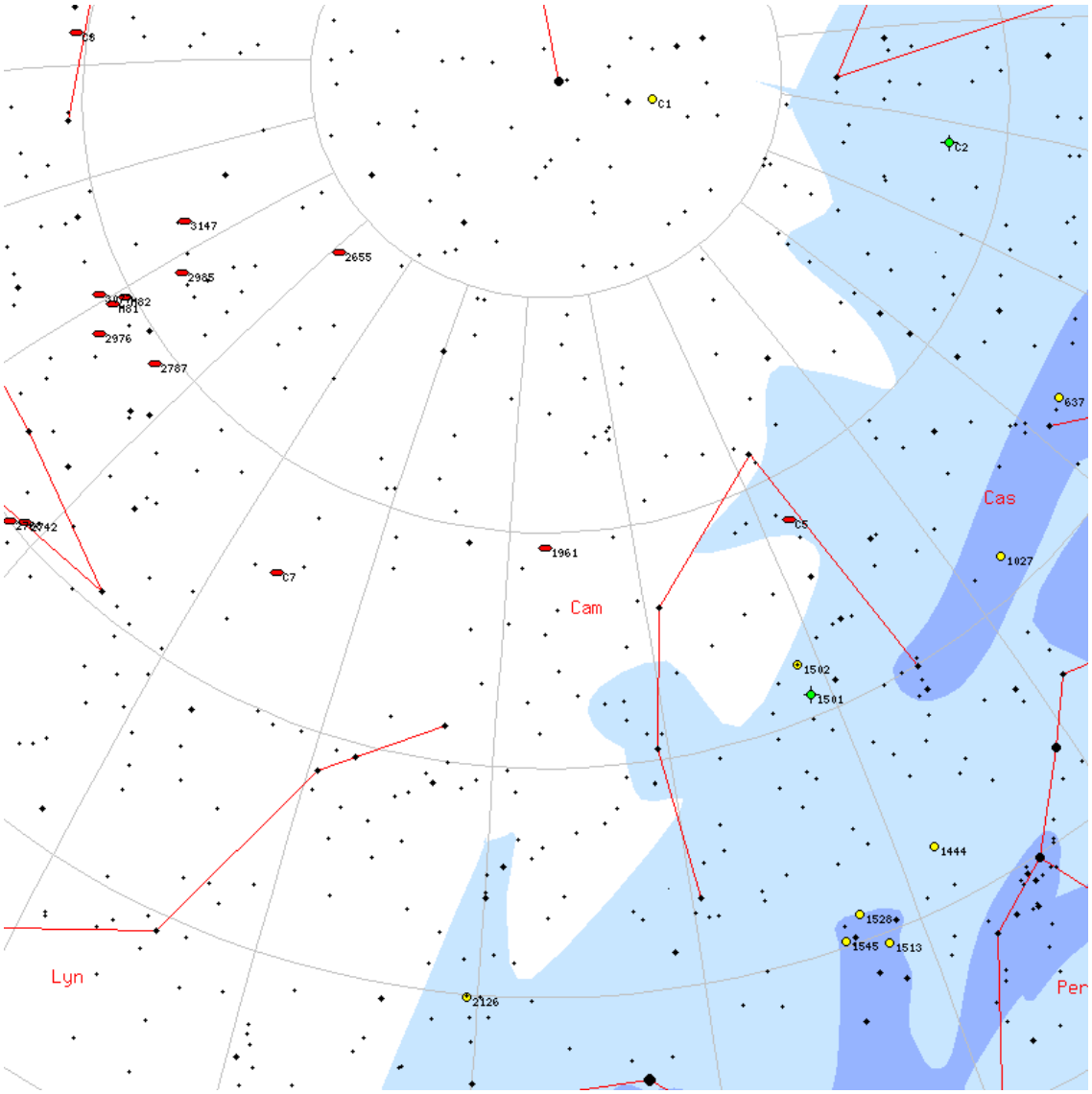
M	NGC3377	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10.2	**Size**	2.6 x 1.5
RA	10h 47m	**Dec**	+13d 58m
Name			
Description	vB, cL, IE, svmbMBN		

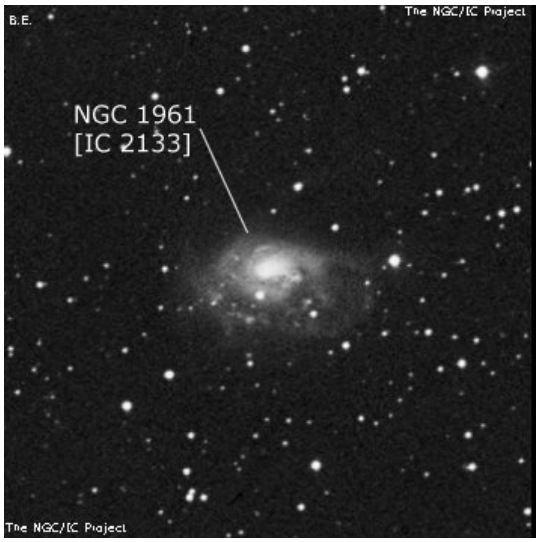




NGC1961

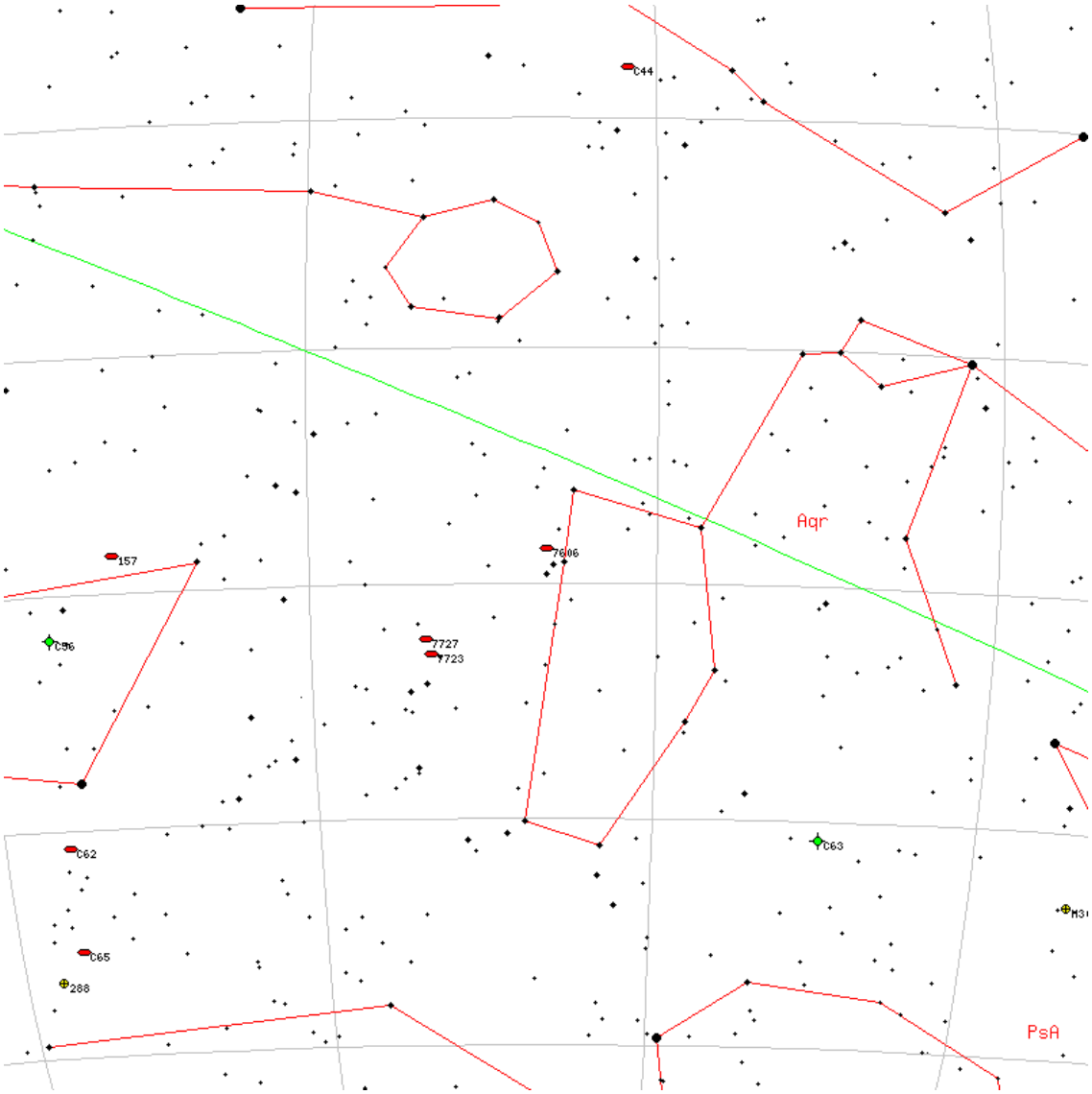
M	NGC1961	**ID**	-
Constellation	Cam	**Type**	Gx
Magnitude	11.1	**Size**	2.3 x 1.5
RA	05h 42m	**Dec**	+69d 22m
Name			
Description	cF, pL, iF, mbM, er, * inv; (decl?)		

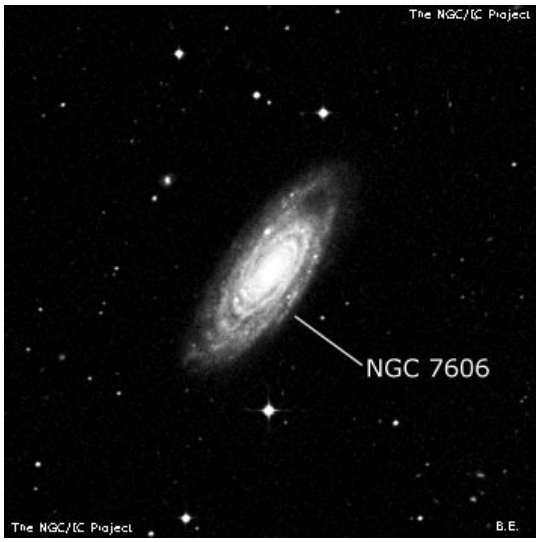




NGC7606

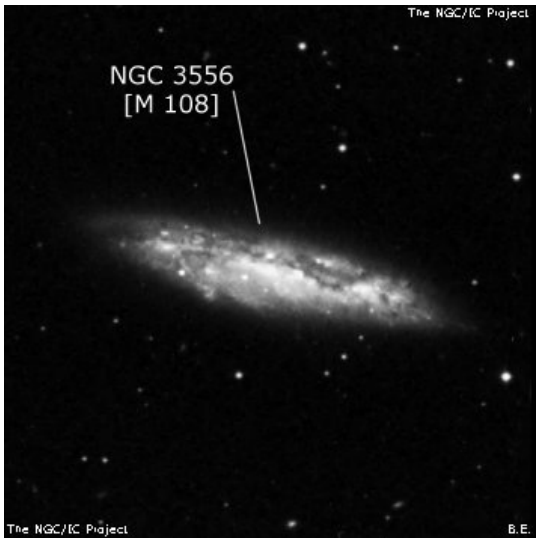
M	NGC7606	**ID**	-
Constellation	Aqr	**Type**	Gx
Magnitude	10.8	**Size**	2.7 x 1.1
RA	23h 19m	**Dec**	-08d 28m
Name			
Description	pF, cL, pmE 0deg +/-		





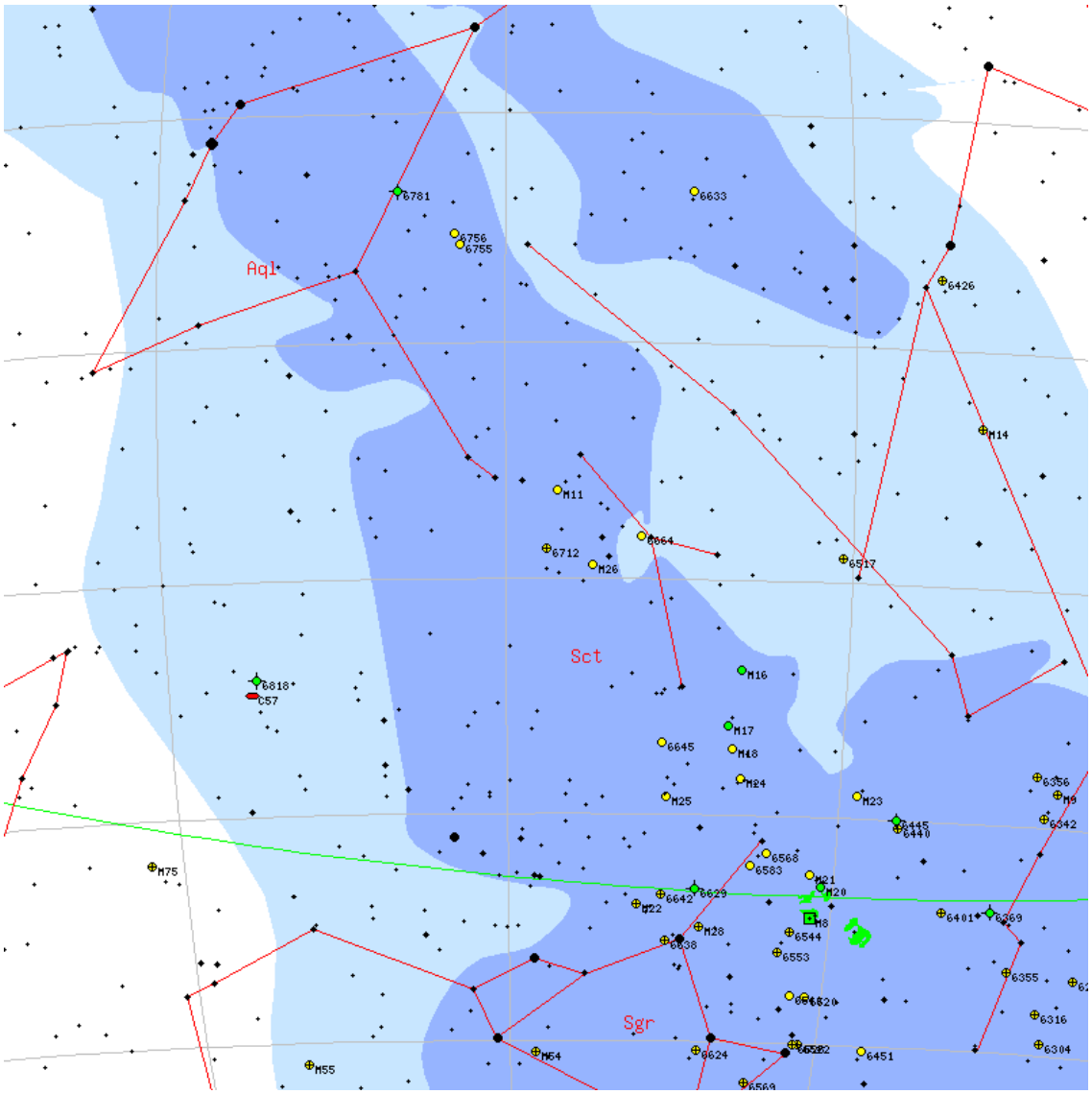
NGC3556

M	NGC3556	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.1	**Size**	4.3 x 1.1
RA	11h 11m	**Dec**	+55d 40m
Name	Surfboard Galaxy		
Description	cB, vL, vmE 79deg , pbM, r		



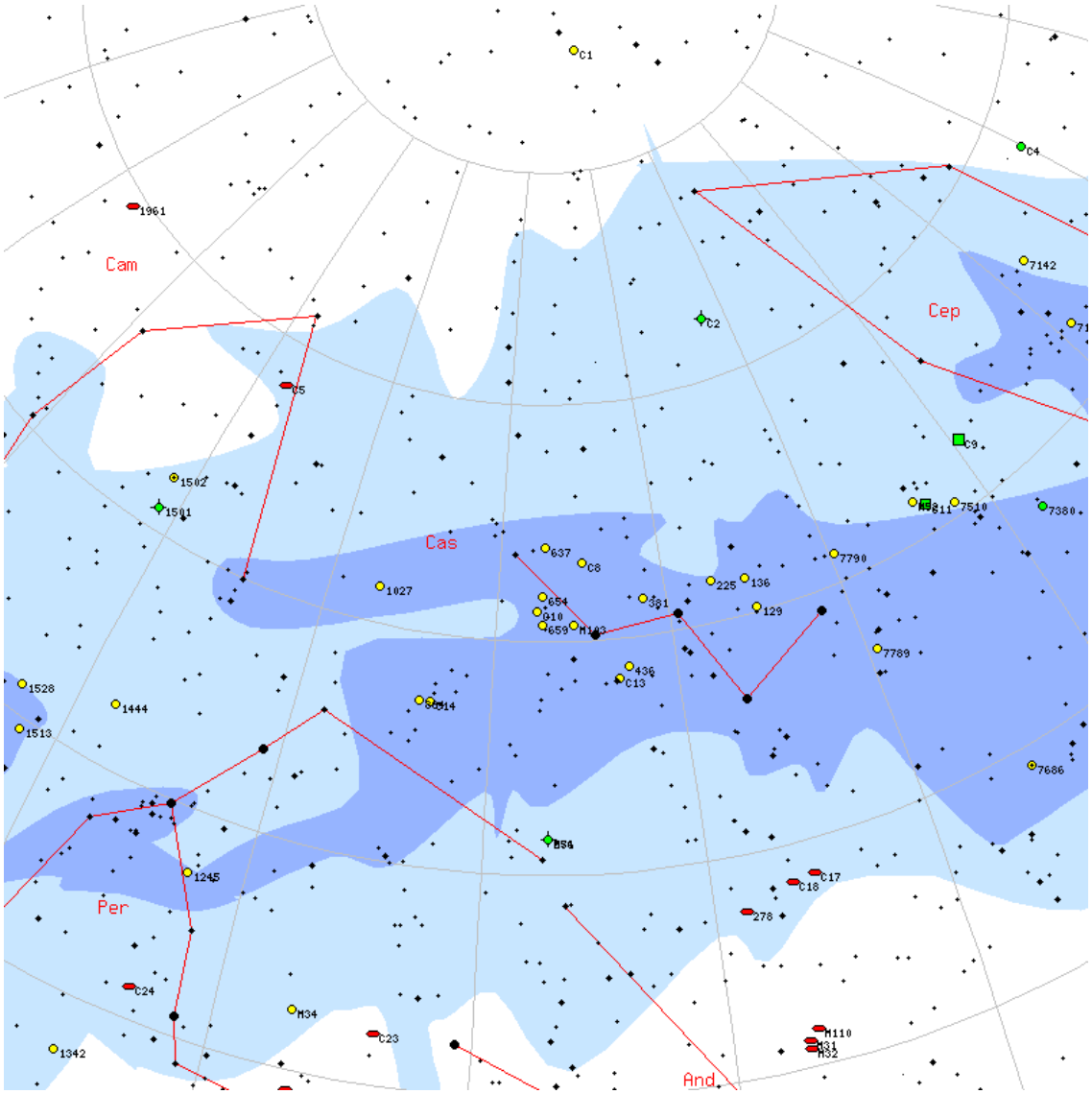
NGC6712

M	NGC6712	**ID**	-
Constellation	Sct	**Type**	Gb
Magnitude	8.2	**Size**	7.2 x 7.2
RA	18h 53m	**Dec**	-08d 41m
Name			
Description	glob. cl. , pB, vL, irr, vglbM, rrr		



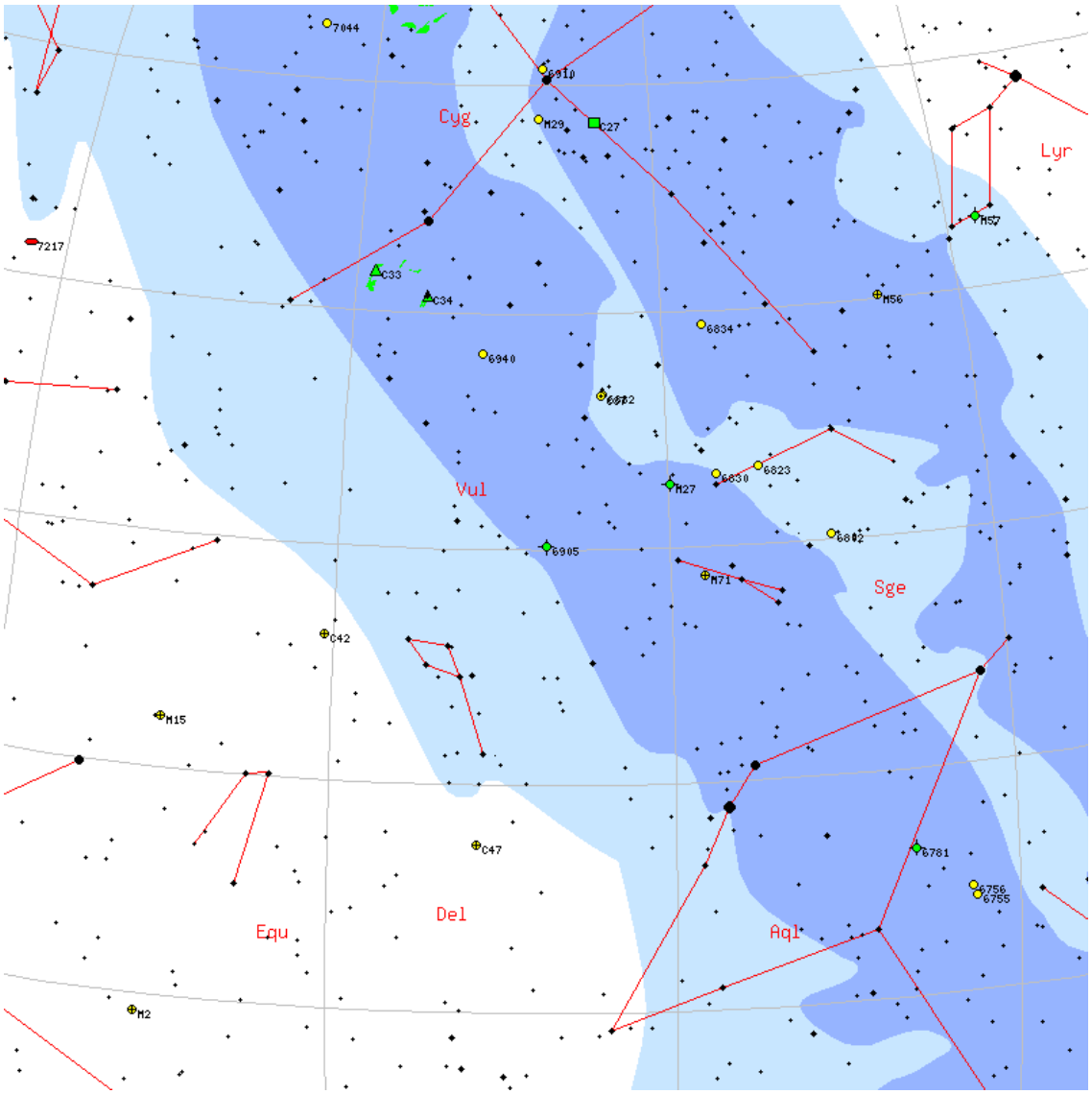
NGC637

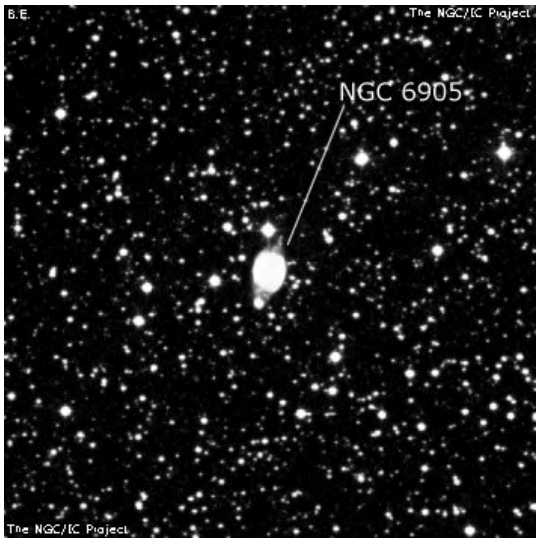
M	NGC637	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	8.2	**Size**	4 x 4
RA	01h 42m	**Dec**	+64d 00m
Name			
Description	Cl, pS, B & vF st		



NGC6905

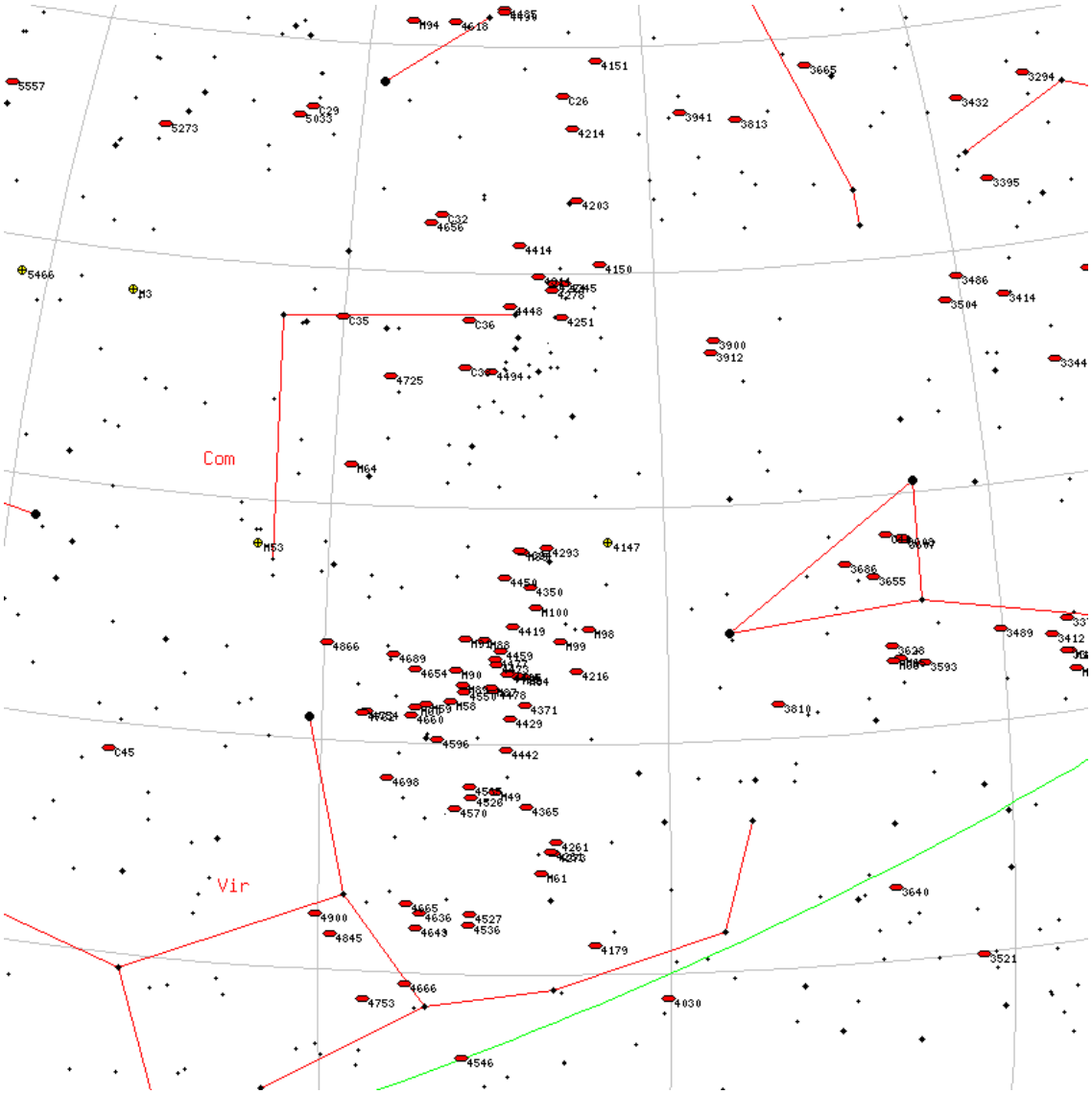
M	NGC6905	**ID**	-
Constellation	Del	**Type**	Pl
Magnitude	12	**Size**	1.7 x 1.7
RA	20h 22m	**Dec**	+20d 07m
Name	Blue Flash Nebula		
Description	!!, PN , B, pS, R, 4 S st nr		

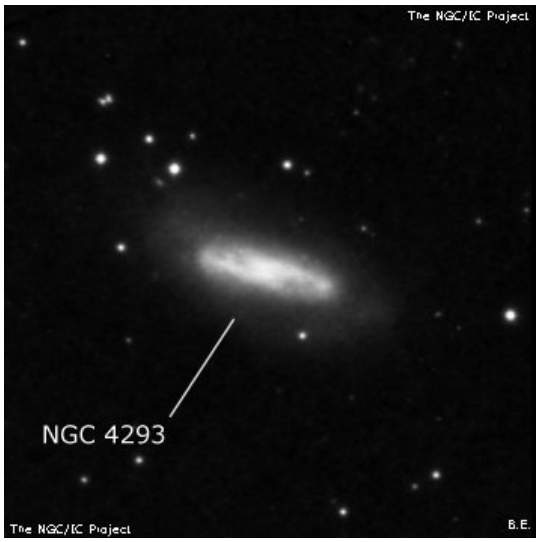




NGC4293

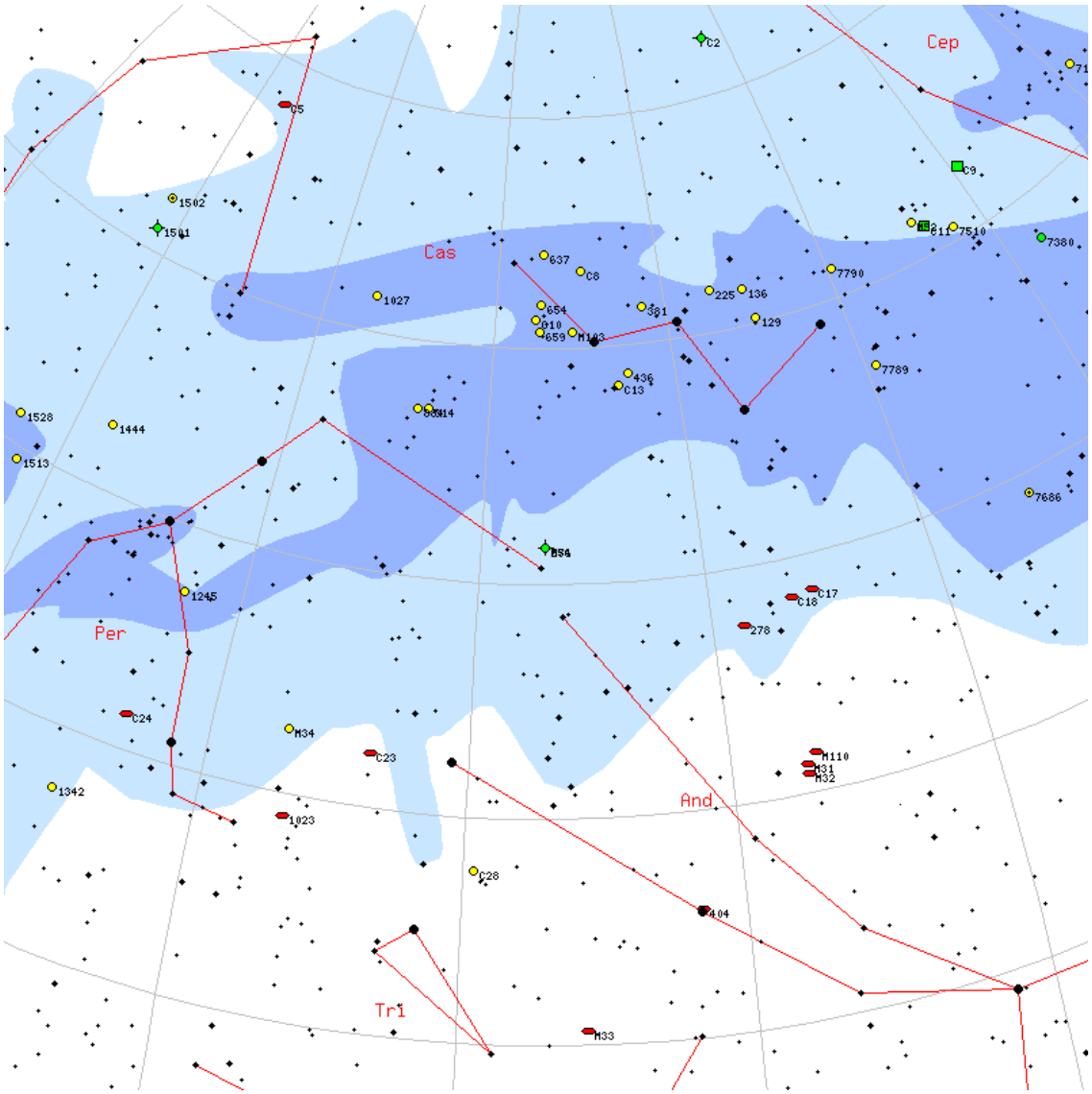
M	NGC4293	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	11	**Size**	2.8 x 1.3
RA	12h 21m	**Dec**	+18d 22m
Name			
Description	F, vL, E, lbM, r		





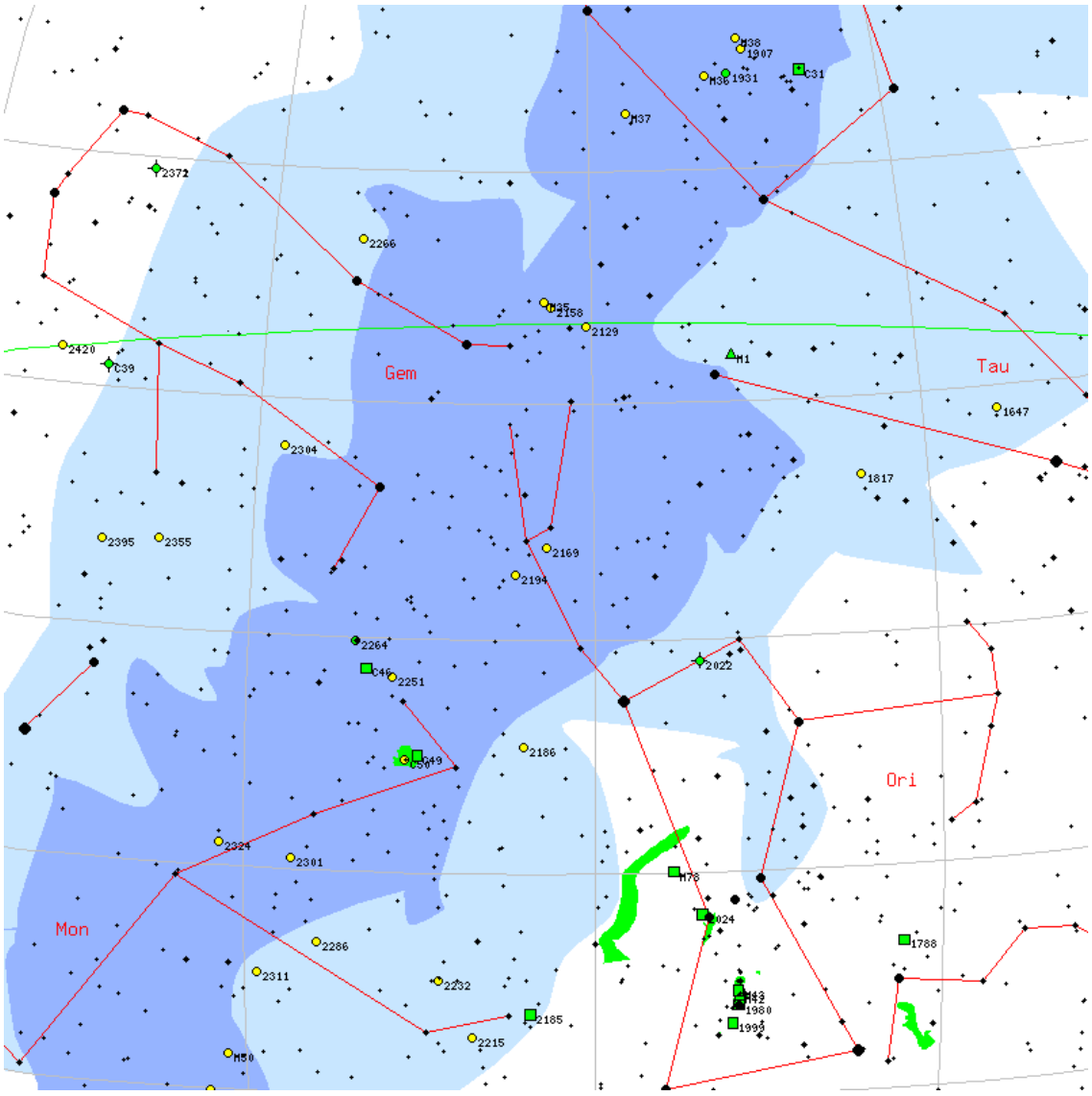
NGC651

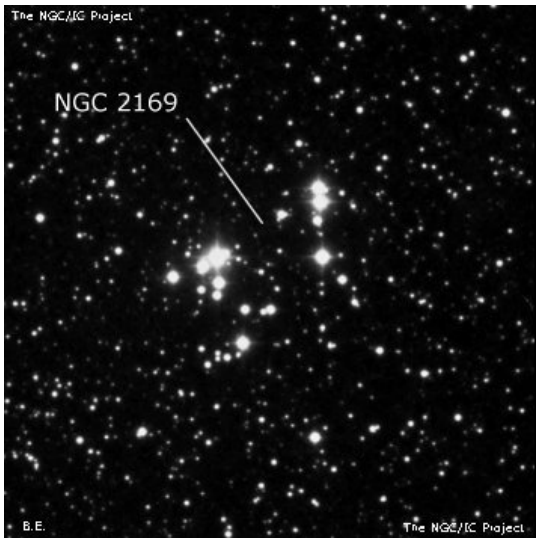
M	NGC651	**ID**	-
Constellation	Per	**Type**	Pl
Magnitude	12	**Size**	x
RA	01h 42m	**Dec**	+51d 34m
Name	Butterfly Nebula/Little Dumbbell Nebula/Barbell Nebula/Cork Nebula		
Description	vB, f of Dneb =M76		



NGC2169

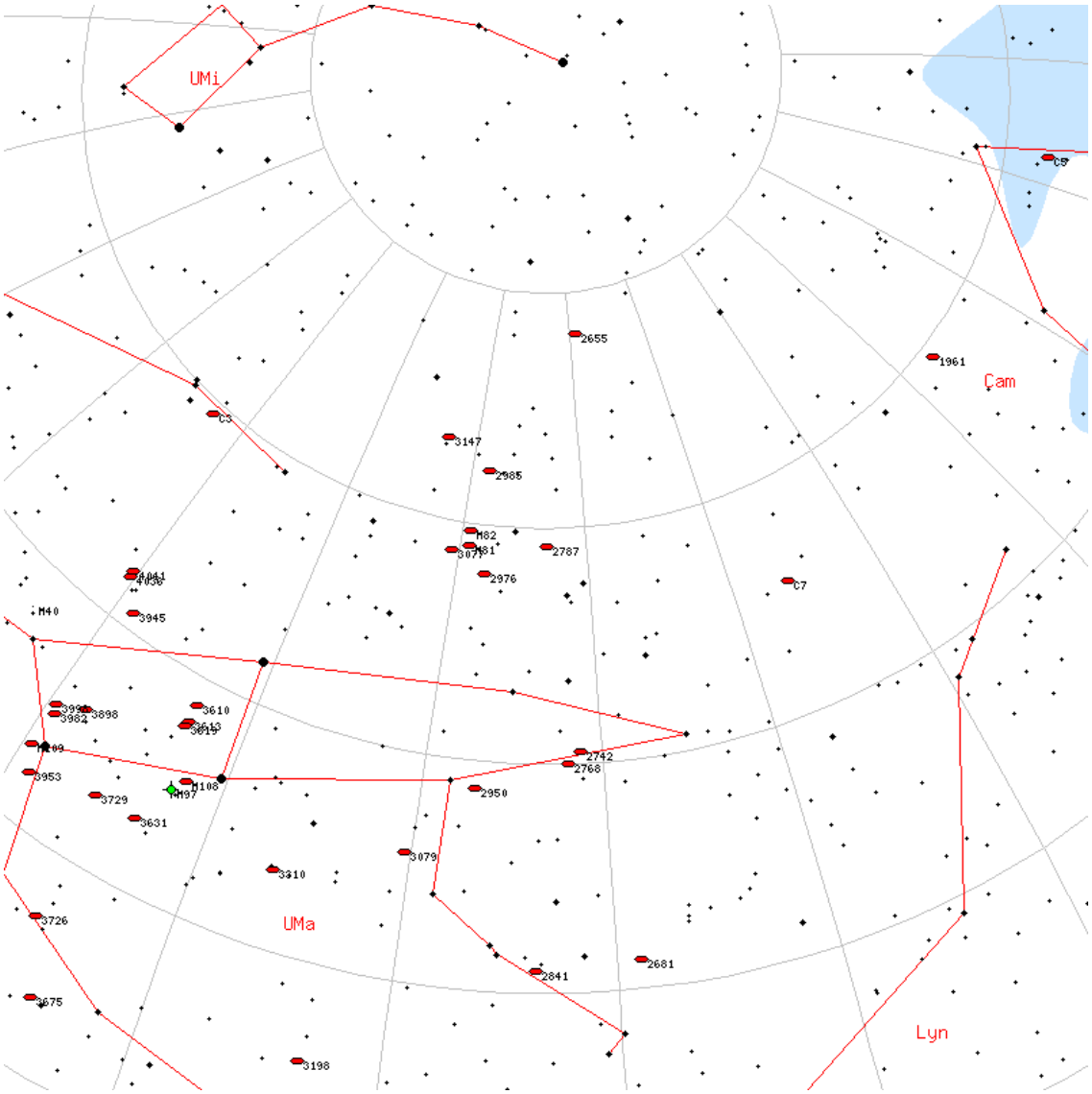
M	NGC2169	**ID**	-
Constellation	Ori	**Type**	OC
Magnitude	5.9	**Size**	7 x 7
RA	06h 08m	**Dec**	+13d 56m
Name			
Description	Cl, S, lRi, pmC, ** (ADS 4728)		

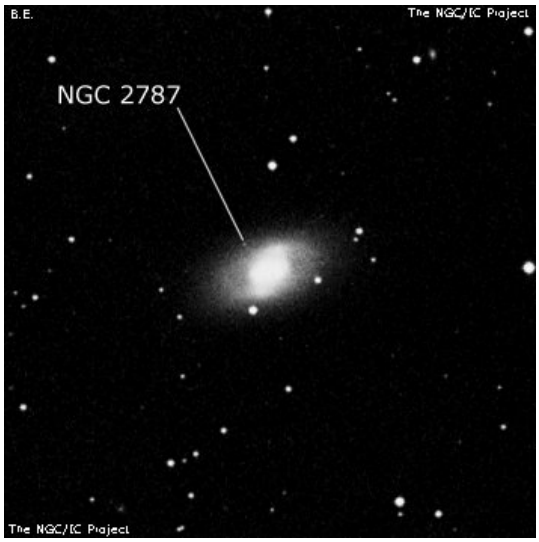




NGC2787

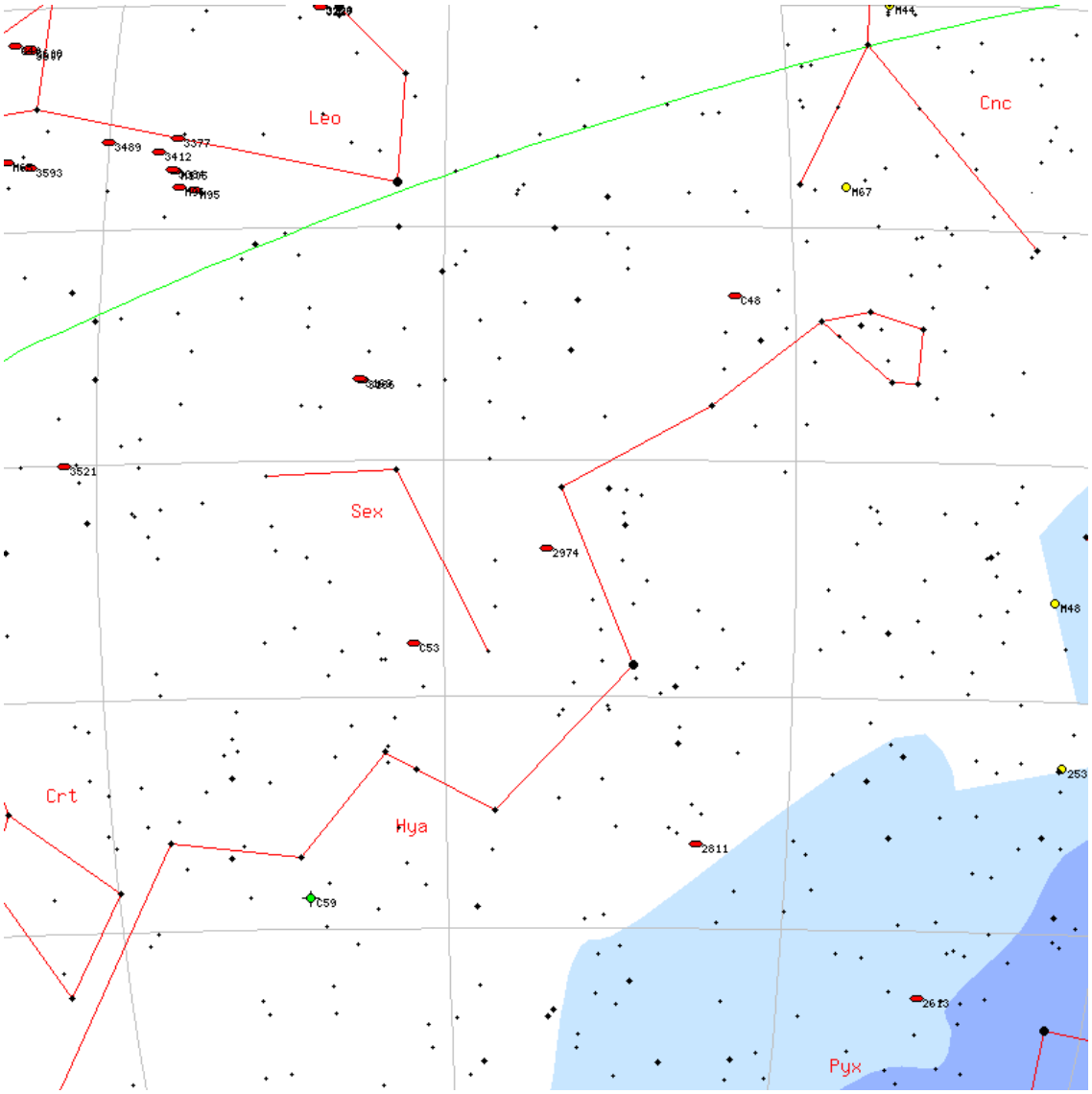
M	NGC2787	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.8	**Size**	1.6 x 1
RA	09h 19m	**Dec**	+69d 12m
Name			
Description	B, pL, IE 90deg , mbM, r, vS* sf inv		





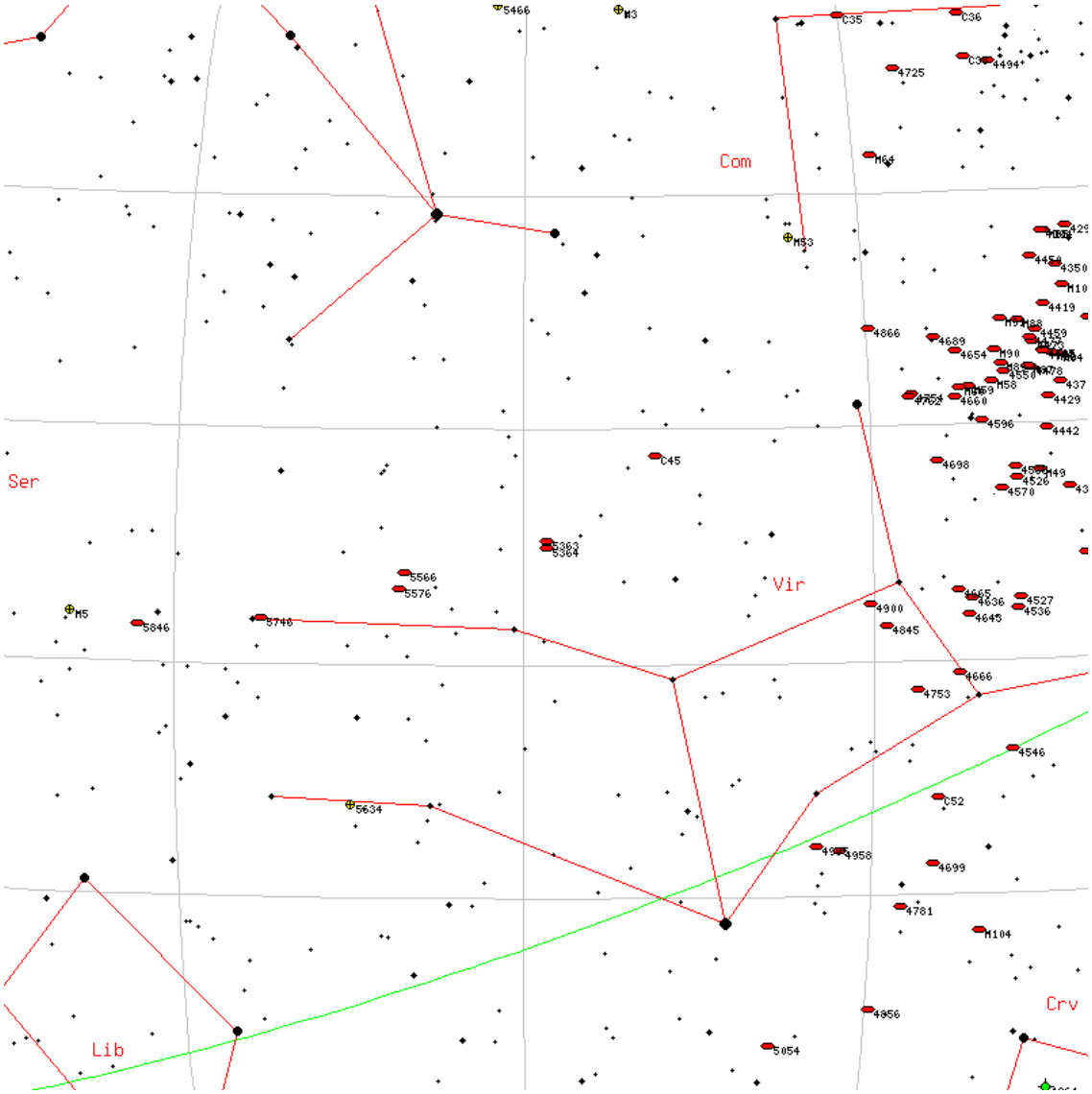
NGC2974

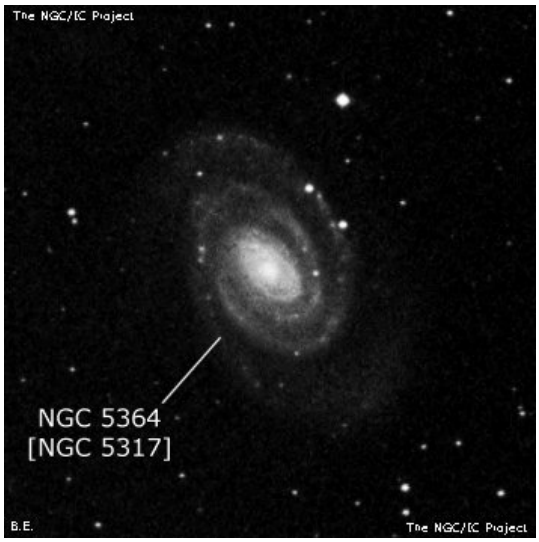
M	NGC2974	**ID**	-
Constellation	Sex	**Type**	Gx
Magnitude	10.8	**Size**	1.7 x 1
RA	09h 42m	**Dec**	-03d 42m
Name			
Description	B, cS, iR, bM, *9 sp 43"		



NGC5364

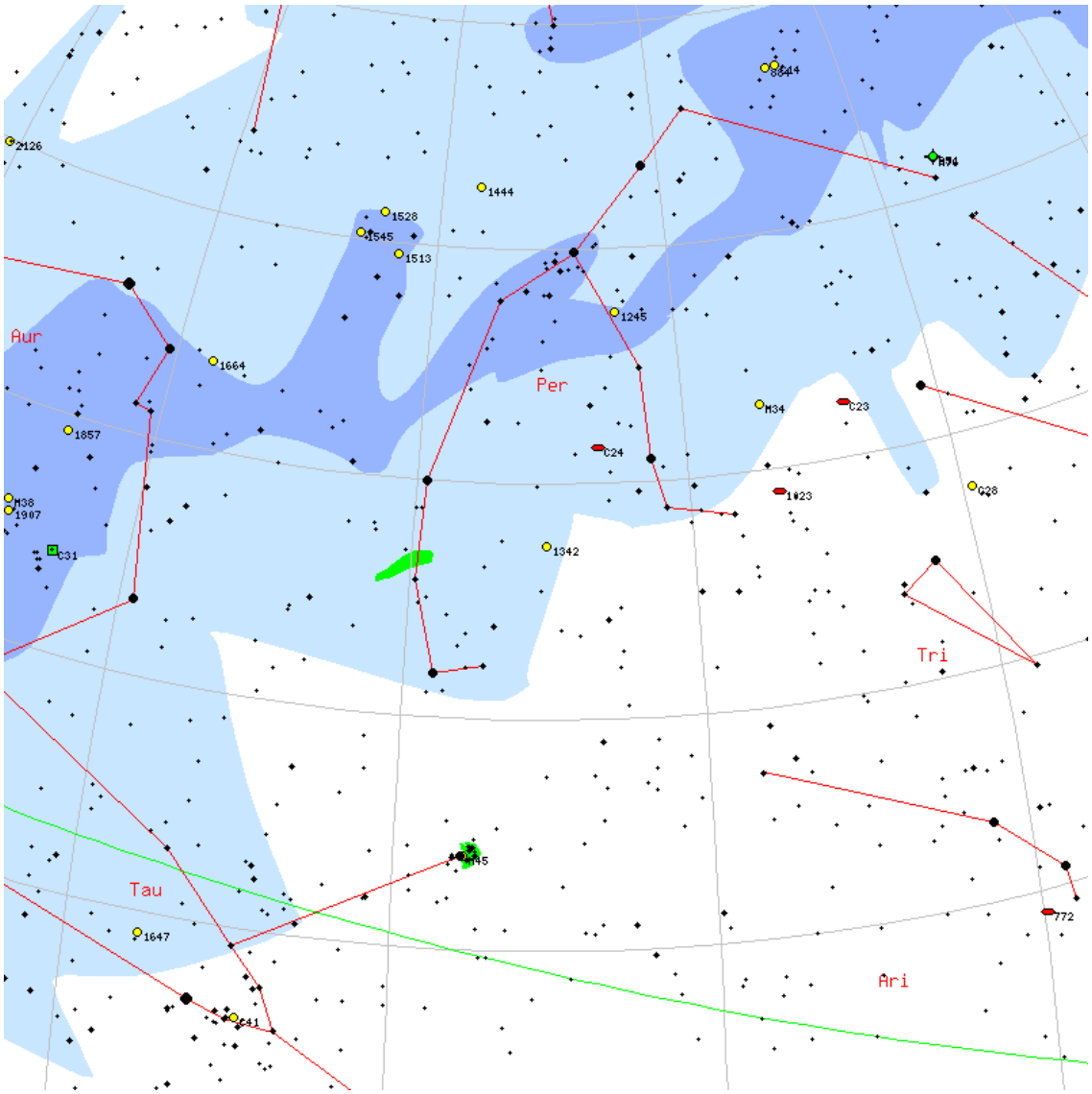
M	NGC5364	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.4	**Size**	3.4 x 2.2
RA	13h 56m	**Dec**	+05d 01m
Name			
Description	cF, L, R, gbM		

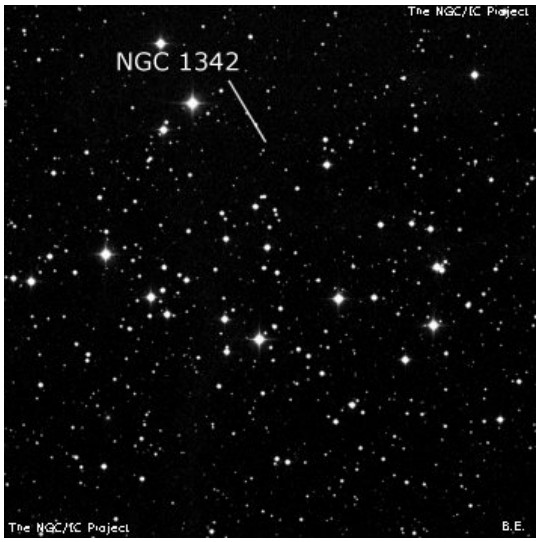




NGC1342

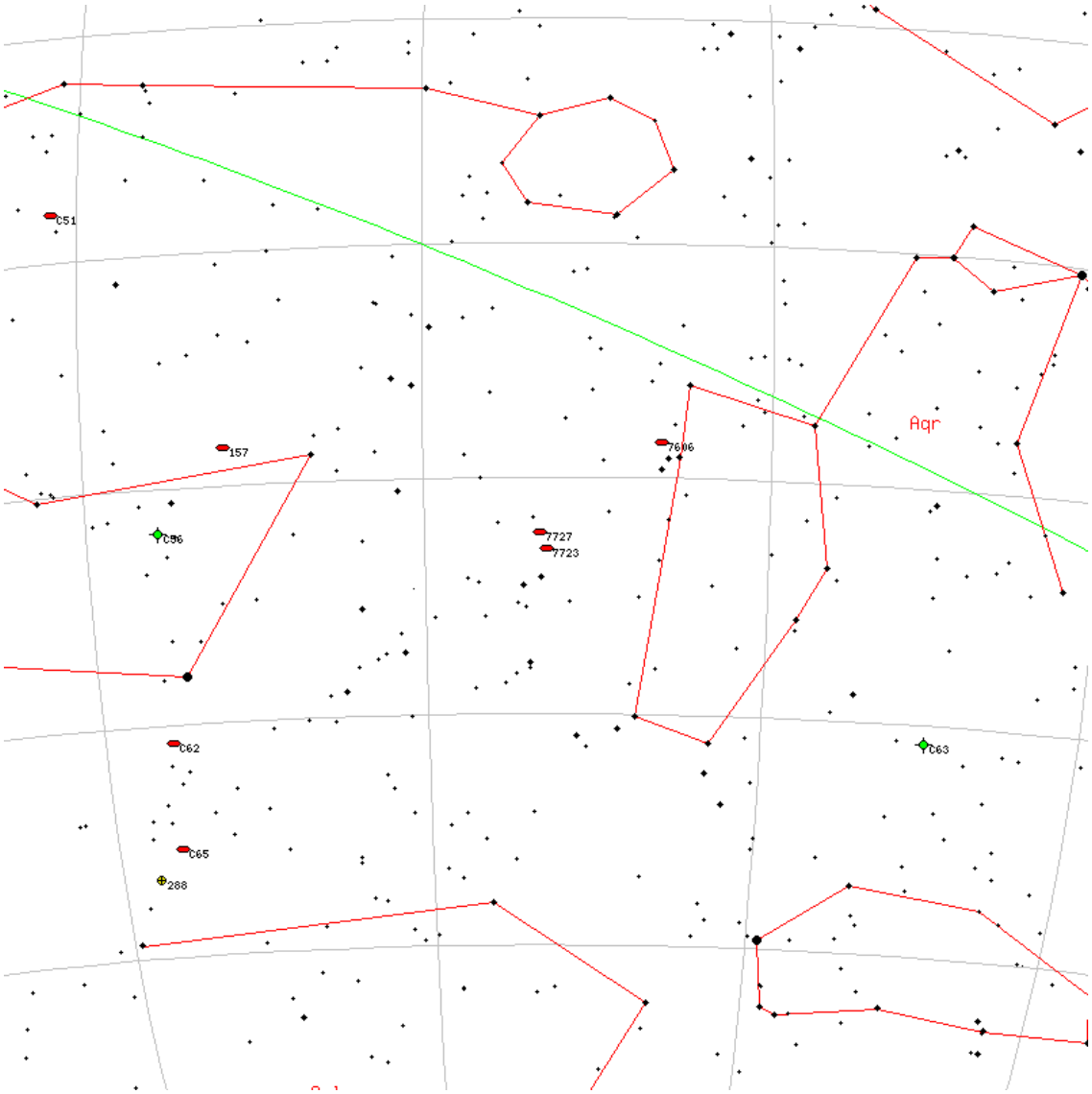
M	NGC1342	**ID**	-
Constellation	Per	**Type**	OC
Magnitude	6.7	**Size**	14 x 14
RA	03h 31m	**Dec**	+37d 19m
Name			
Description	Cl, vL, ab 60 st		

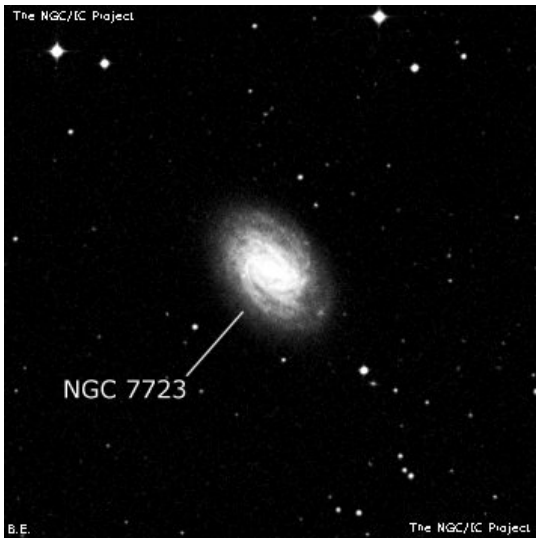




NGC7723

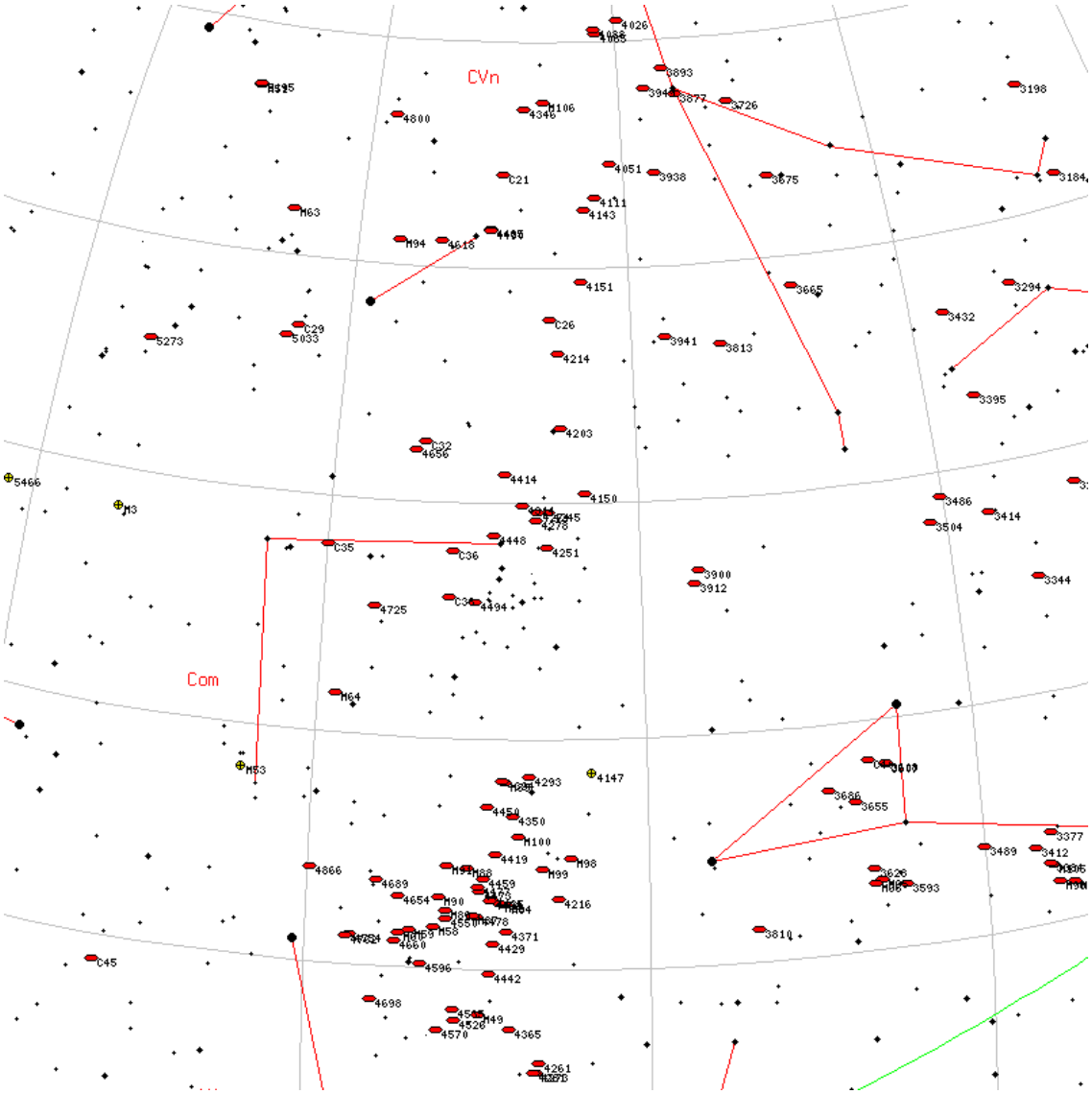
M	NGC7723	**ID**	-
Constellation	Aqr	**Type**	Gx
Magnitude	11.1	**Size**	1.7 x 1.2
RA	23h 38m	**Dec**	-12d 58m
Name			
Description	cB, cL, E, gmbM, r		

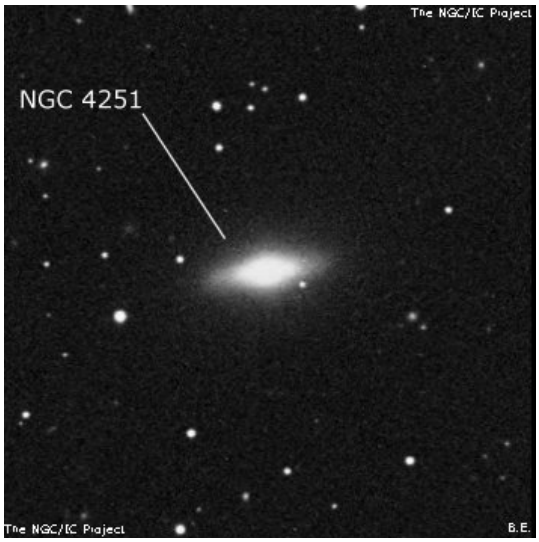




NGC4251

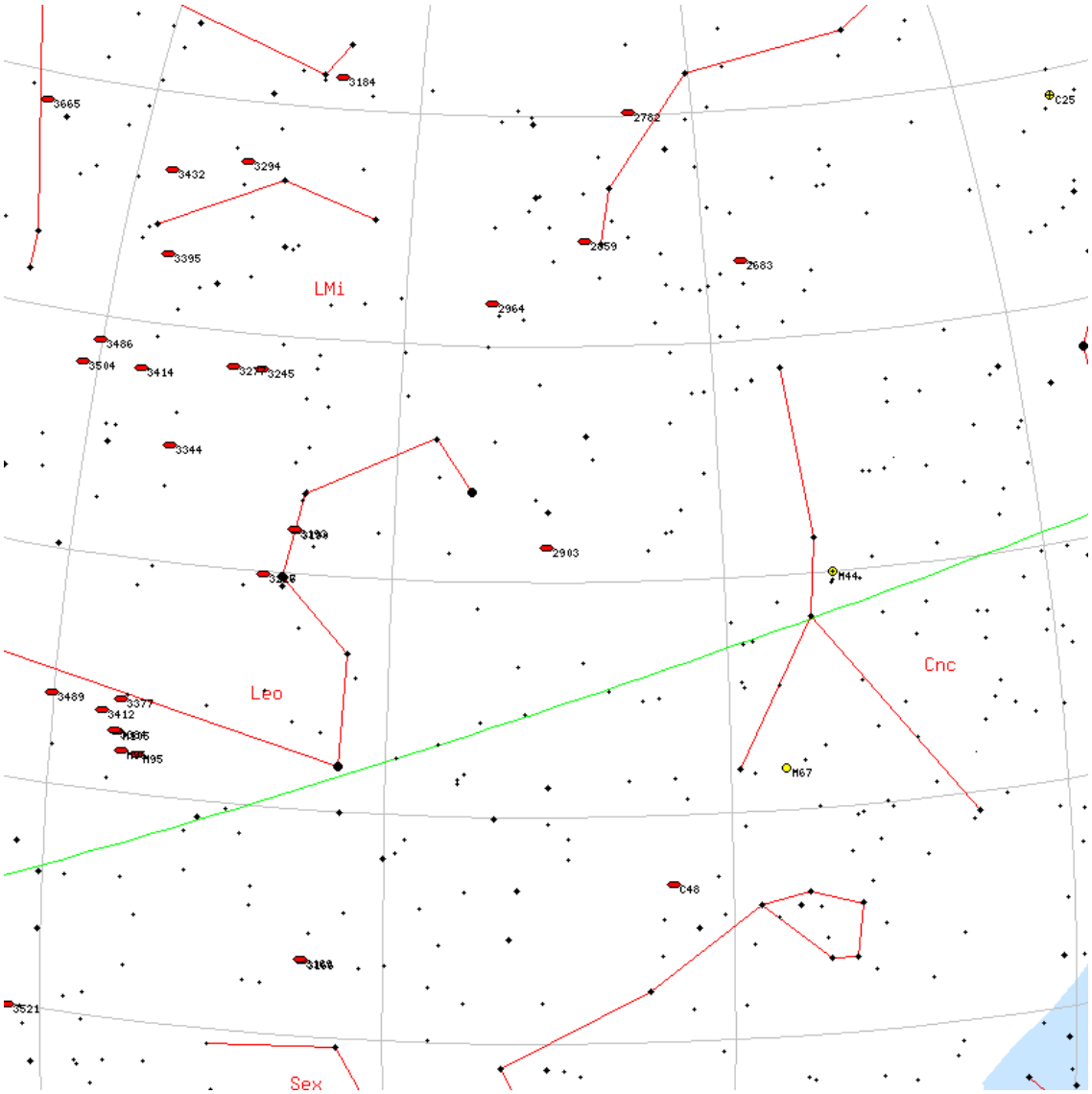
M	NGC4251	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	12	**Size**	1.8 x 0.7
RA	12h 18m	**Dec**	+28d 10m
Name			
Description	vB, S, E, vsvmbMN, *6-7 f 90s		

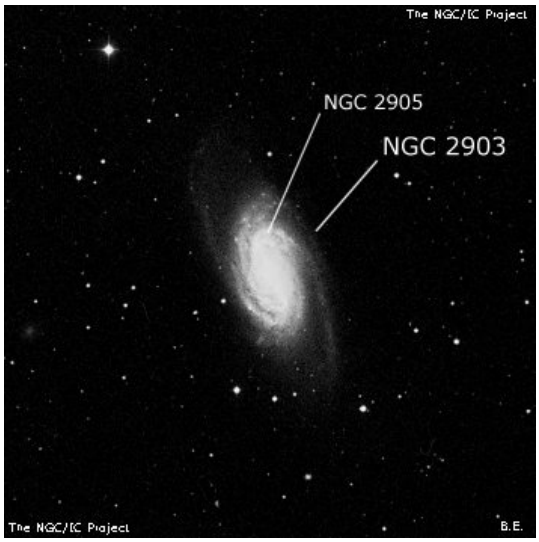




NGC2903

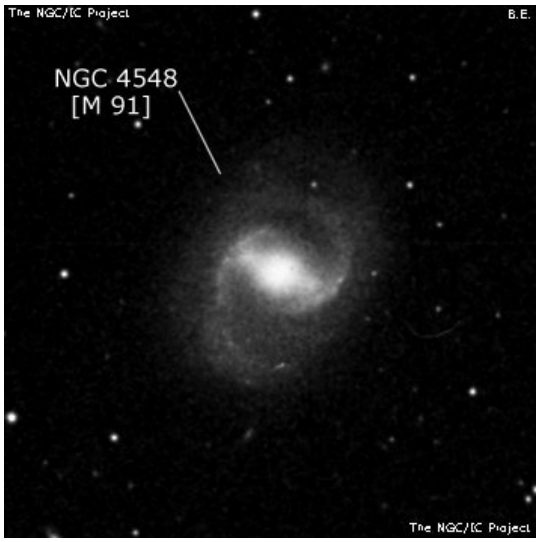
M	NGC2903	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	8.9	**Size**	6.3 x 3
RA	09h 32m	**Dec**	+21d 30m
Name			
Description	cB, vL, E, gmbM, r, sp of 2		





NGC4548

M	NGC4548	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.2	**Size**	2.7 x 2.1
RA	12h 35m	**Dec**	+14d 30m
Name			
Description	B, L, IE, IbM		

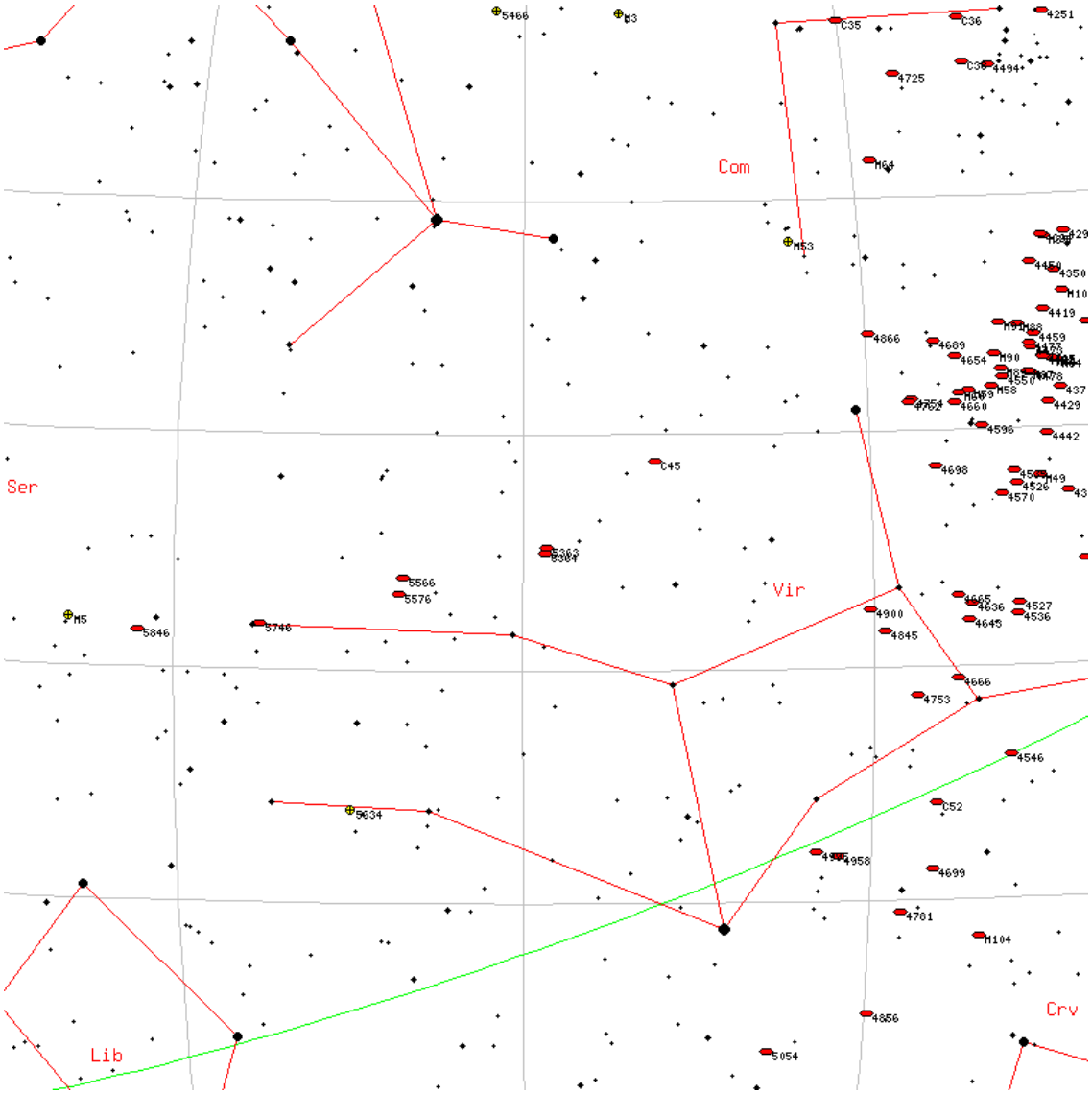


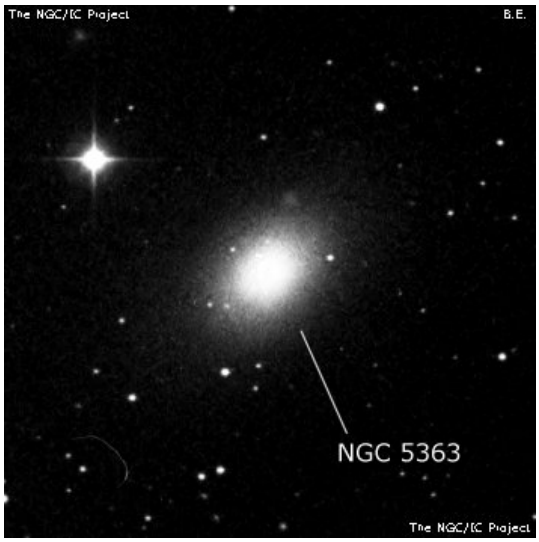
NGC6885

M	NGC6885	**ID**	-
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		

NGC5363

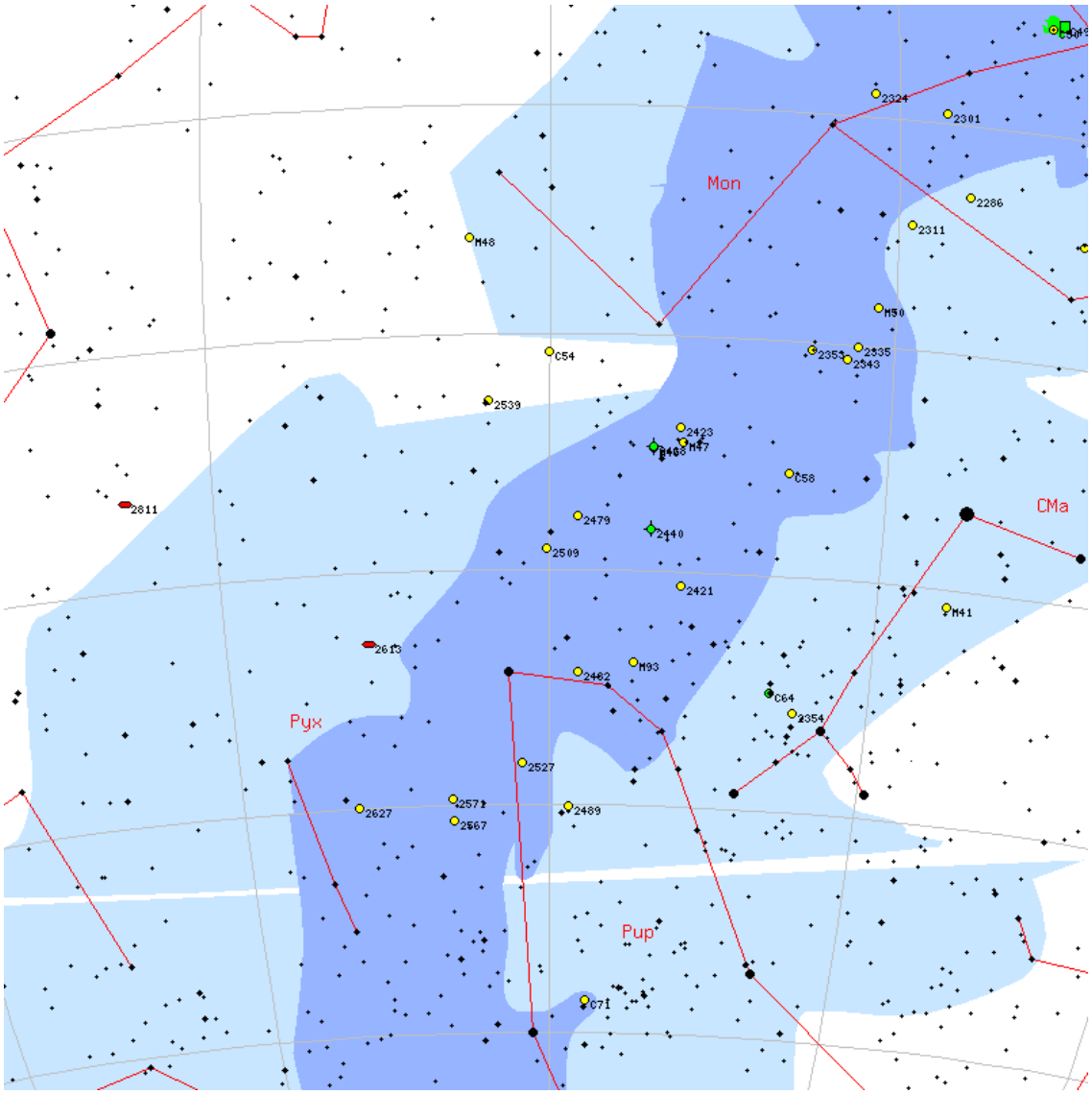
M	NGC5363	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.2	**Size**	2 x 1.3
RA	13h 56m	**Dec**	+05d 15m
Name			
Description	B, pL, R, psbM, *8 nf		

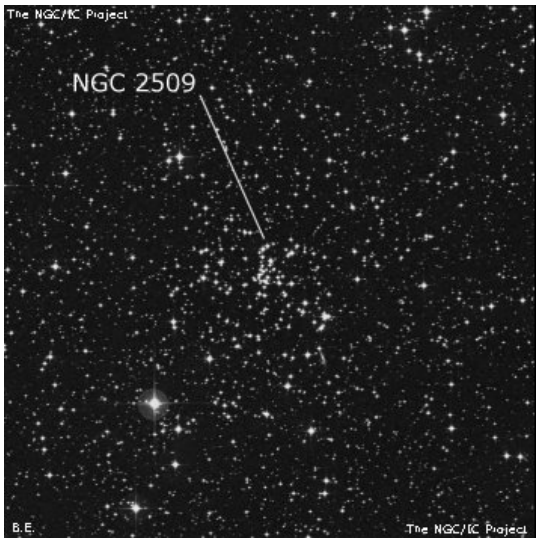




NGC2509

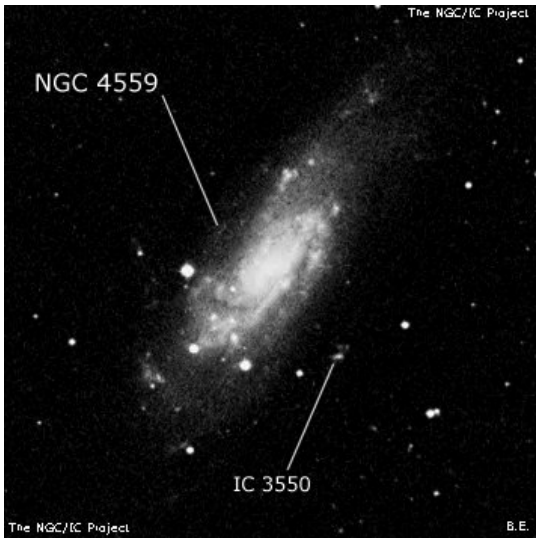
M	NGC2509	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	9	**Size**	8 x 8
RA	08h 00m	**Dec**	-19d 04m
Name			
Description	Cl, B, pRi, IC, st S		





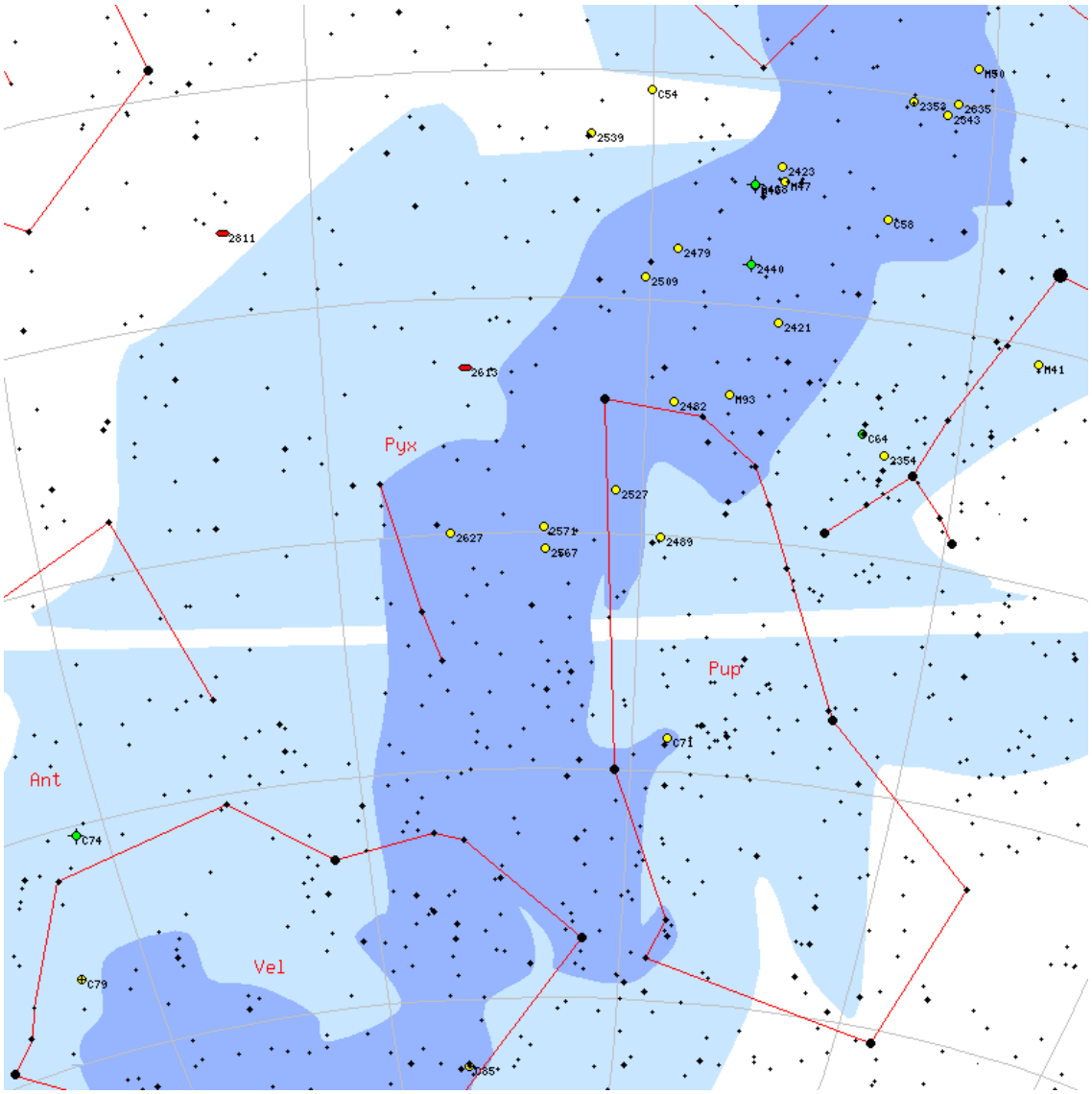
NGC4559

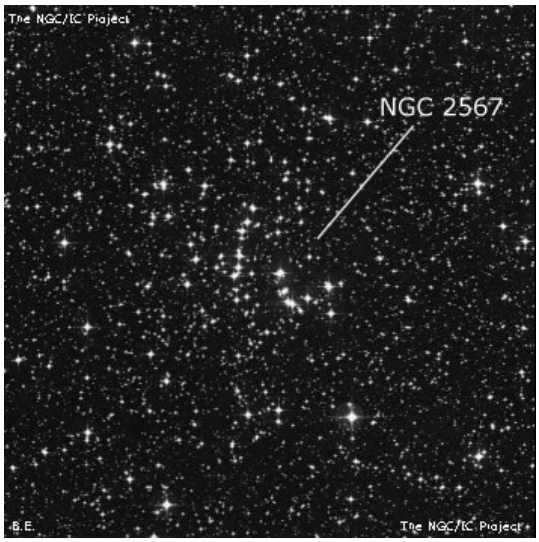
M	NGC4559	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	9.9	**Size**	5.4 x 2.2
RA	12h 35m	**Dec**	+27d 58m
Name			
Description	vB, vL, mE 150deg , gbM, 3 st f		



NGC2567

M	NGC2567	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	7.4	**Size**	10 x 10
RA	08h 18m	**Dec**	-30d 37m
Name			
Description	Cl, pL, pRi, lC, iR, st 11...14		



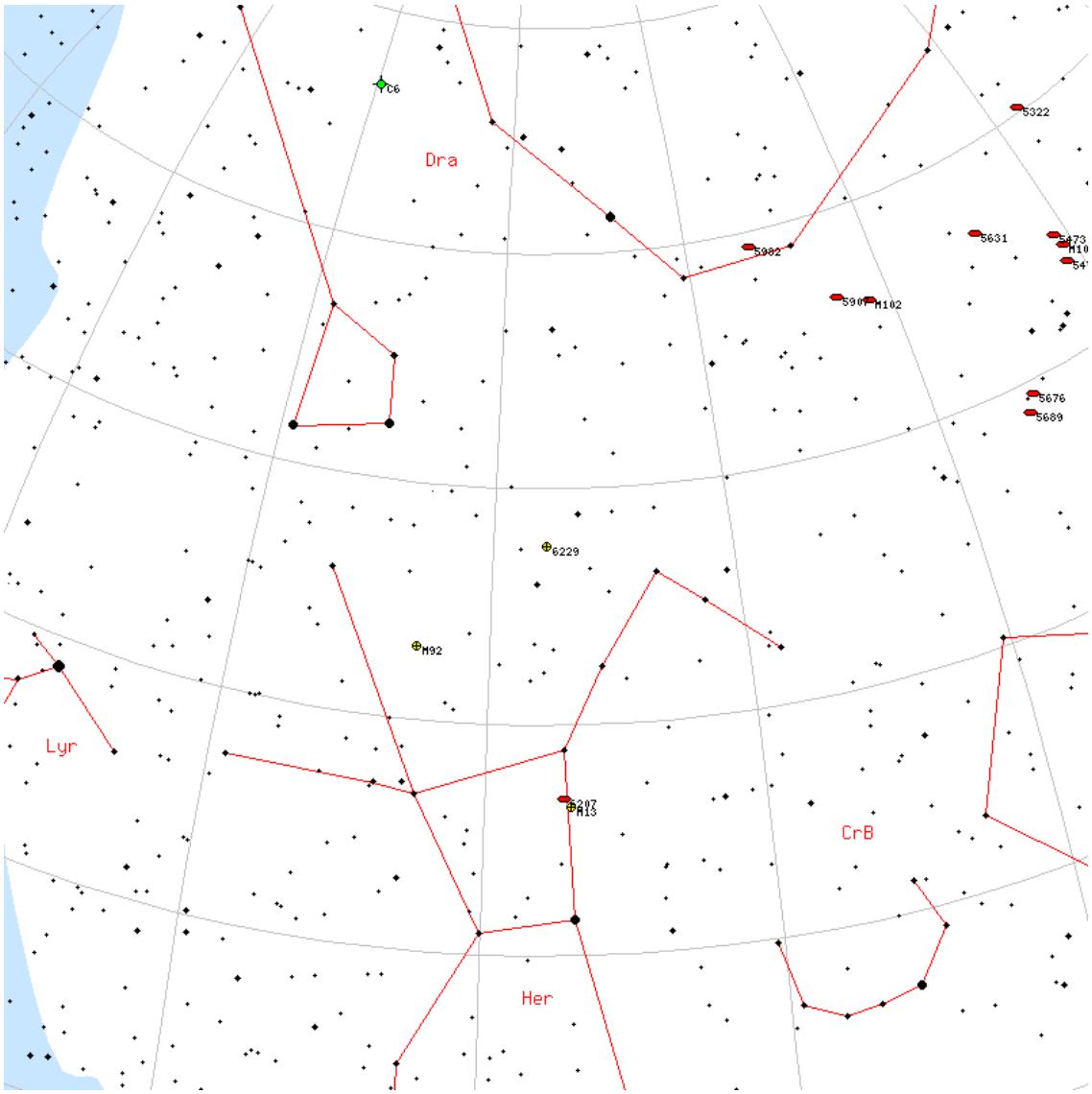


NGC185

M	NGC185	**ID**	-
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		

NGC6229

M	NGC6229	**ID**	-
Constellation	Her	**Type**	Gb
Magnitude	9.4	**Size**	4.5 x 4.5
RA	16h 46m	**Dec**	+47d 31m
Name			
Description	glob. cl. , vB, L, R, disc & F border, r		

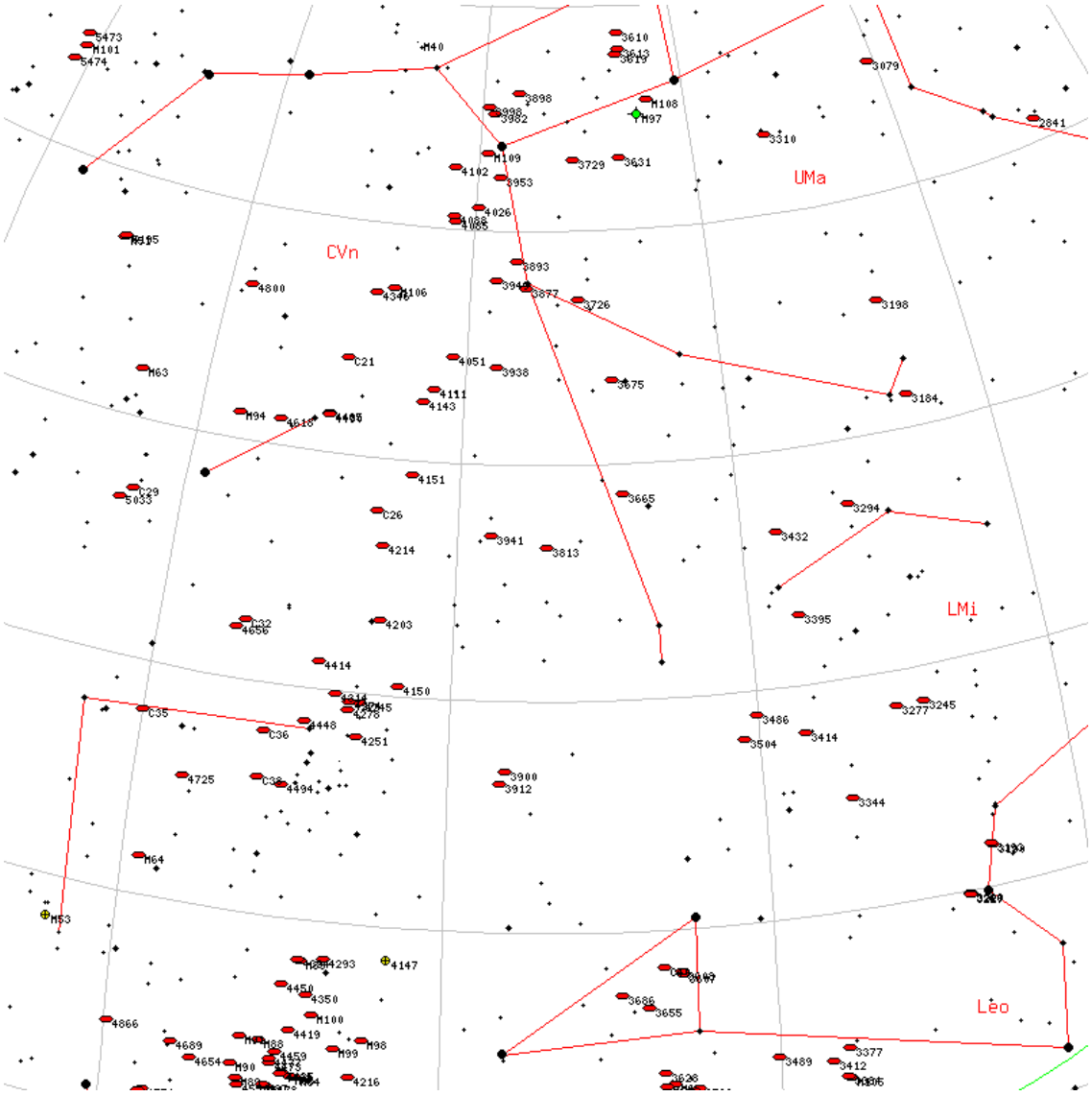


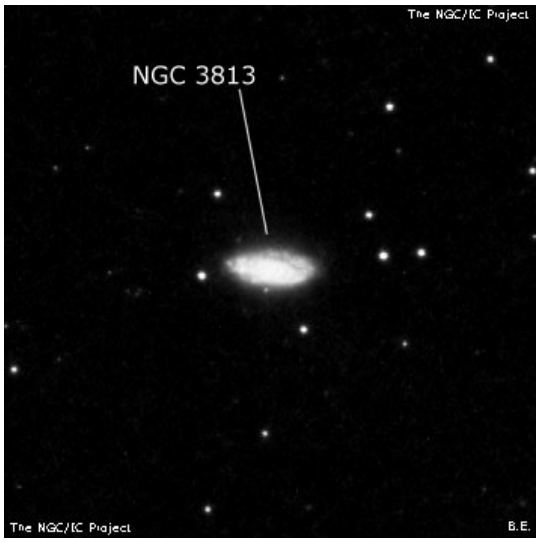
NGC6934

M	NGC6934	**ID**	-
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		

NGC3813

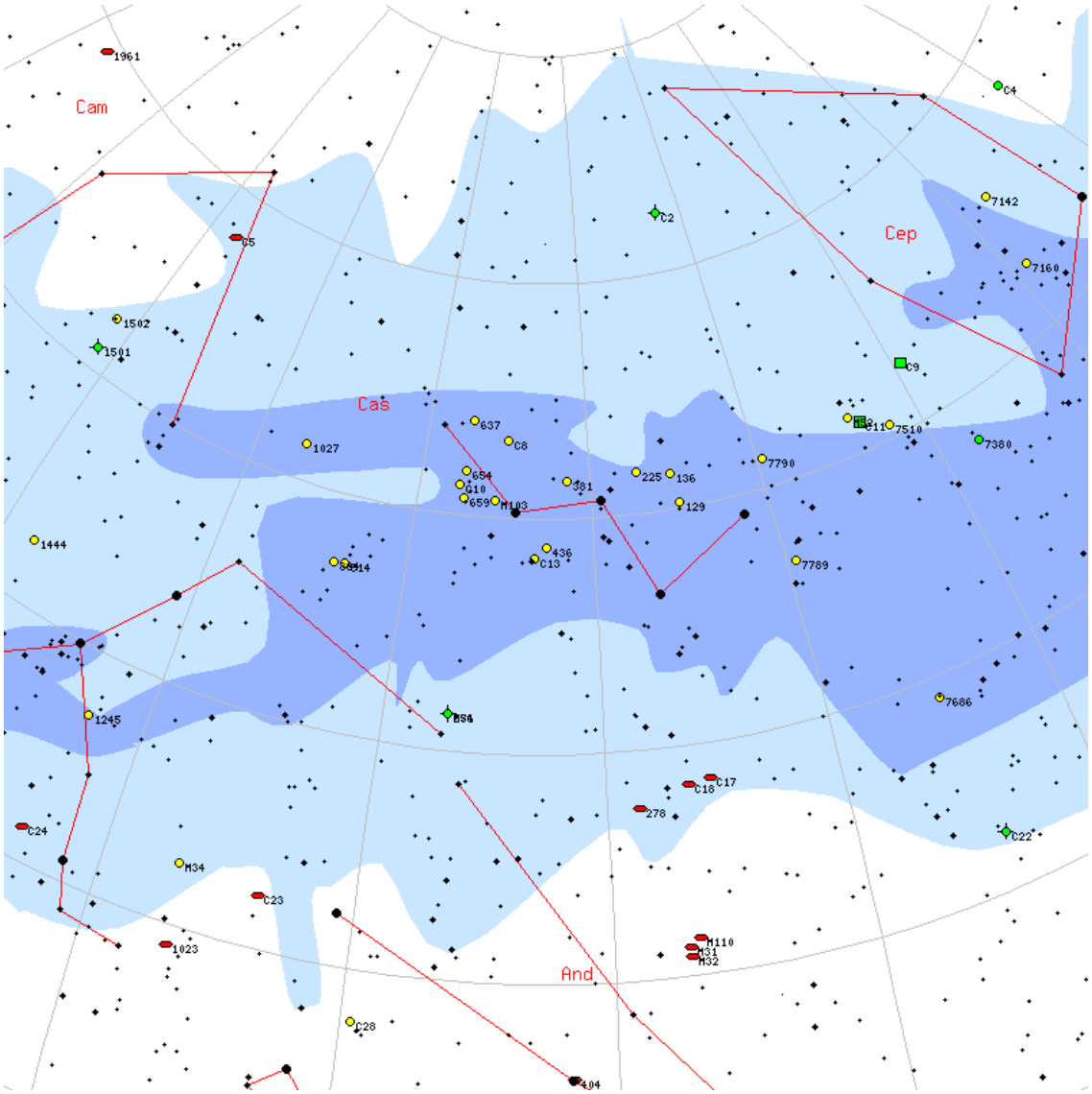
M	NGC3813	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11.7	**Size**	1.1 x 0.6
RA	11h 41m	**Dec**	+36d 32m
Name			
Description	cB, pL, pmE 83deg , bM		





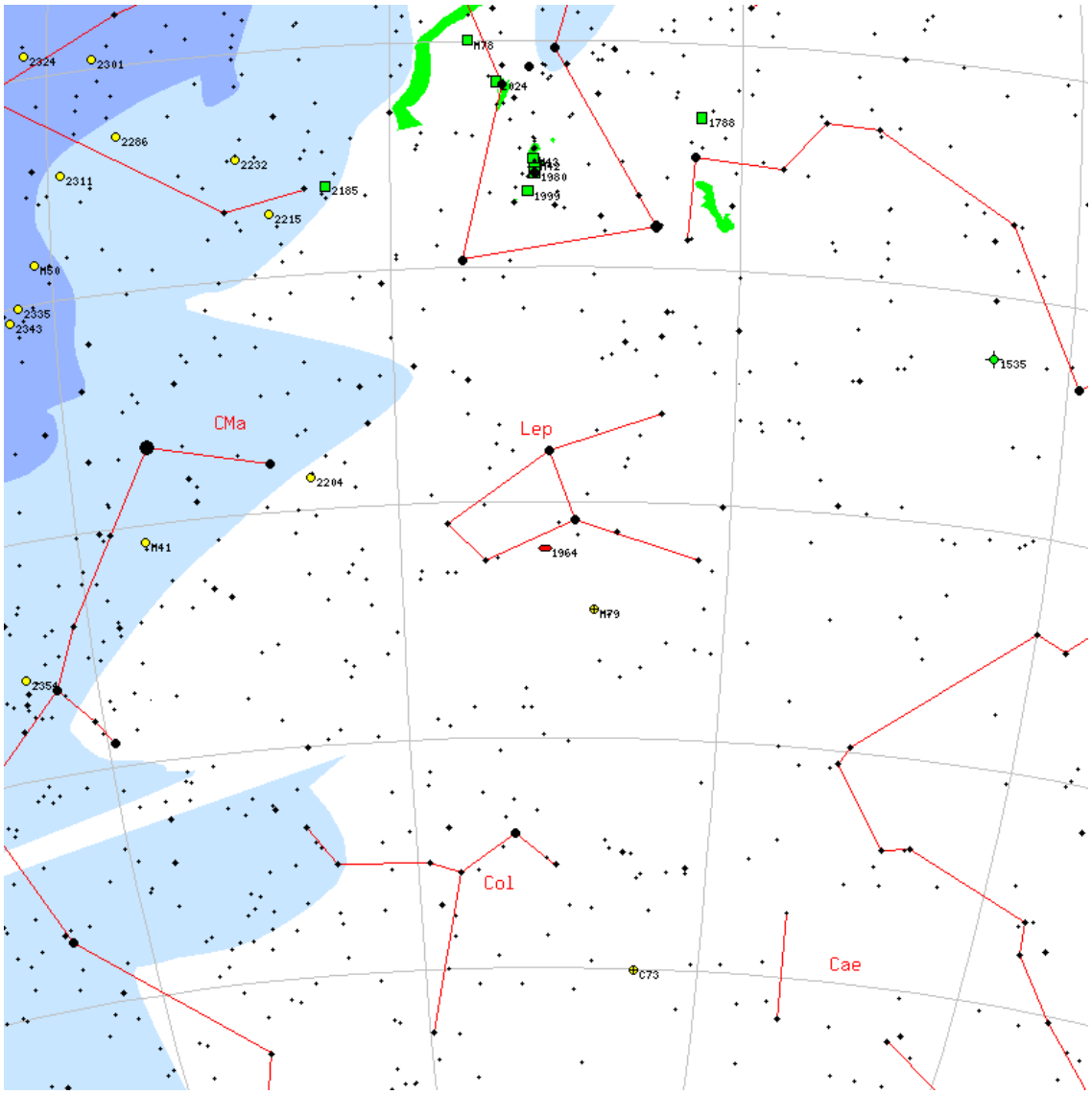
NGC436

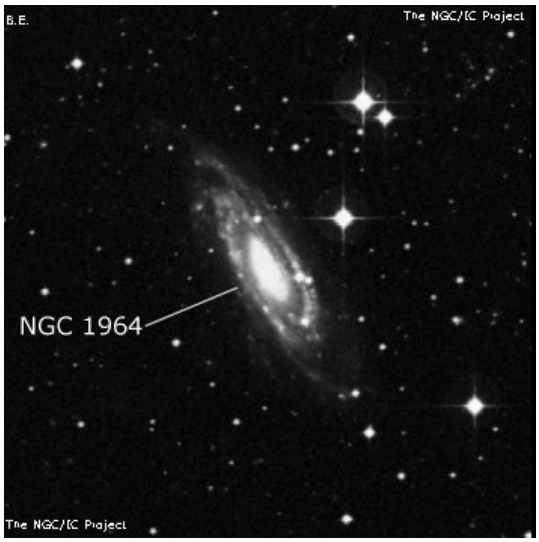
M	NGC436	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	8.8	**Size**	6 x 6
RA	01h 15m	**Dec**	+58d 49m
Name			
Description	Cl, S, iF, pC		



NGC1964

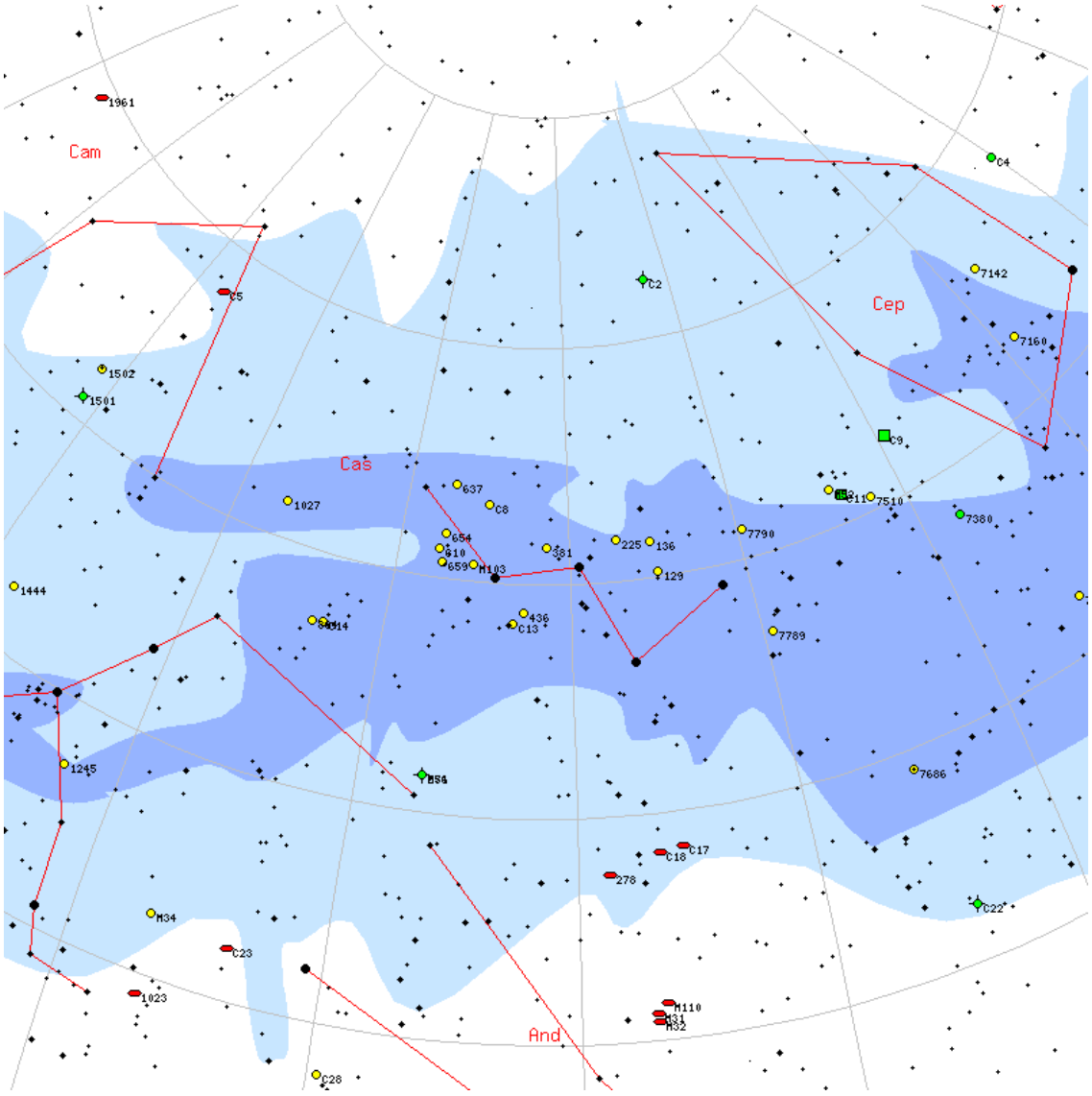
M	NGC1964	ID	-
Constellation	Lep	Type	Gx
Magnitude	10.8	Size	2.8 x 1.1
RA	05h 33m	Dec	-21d 56m
Name			
Description	F, L, R, vsvmbM *12, 3 st inv		





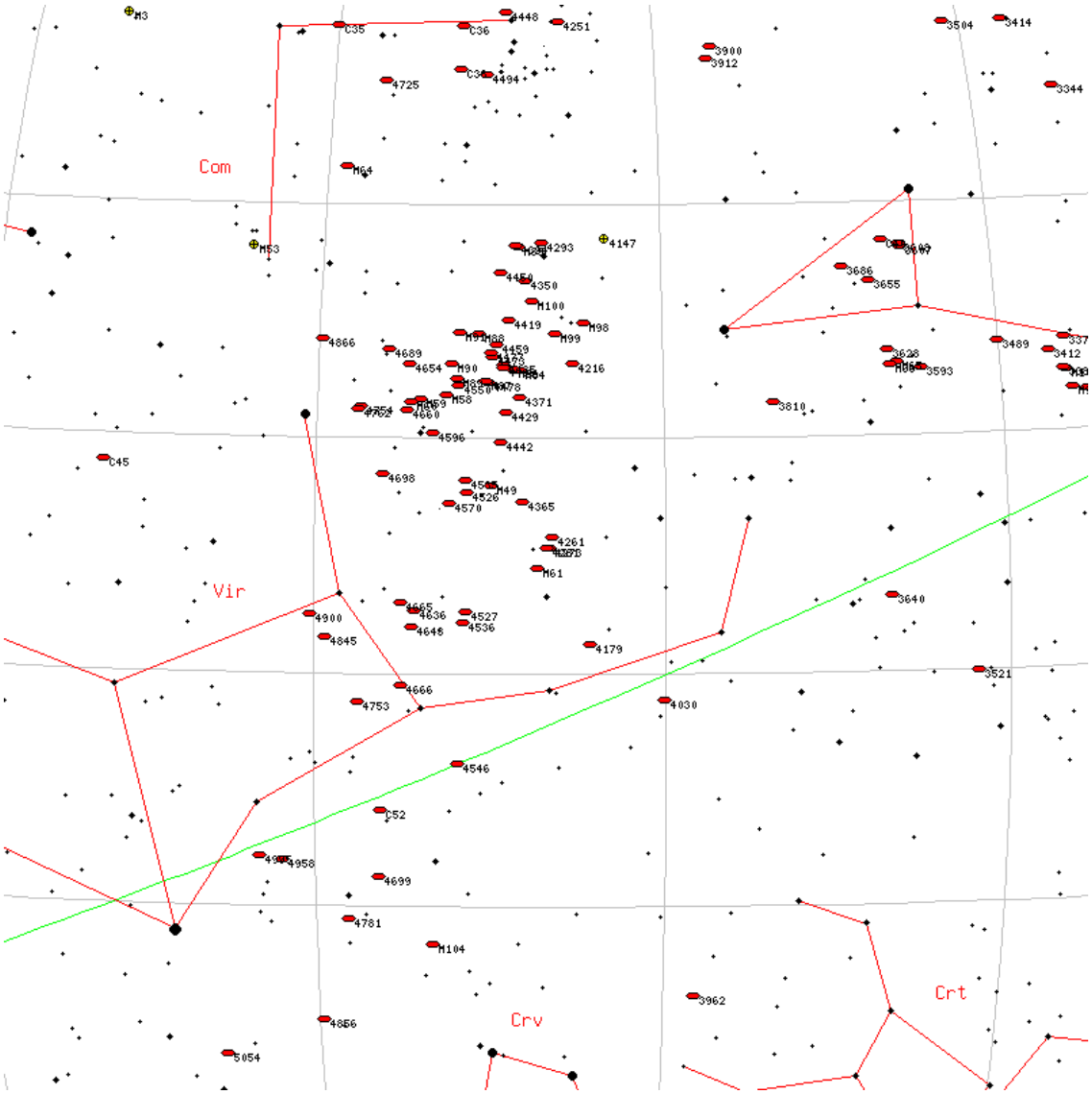
NGC381

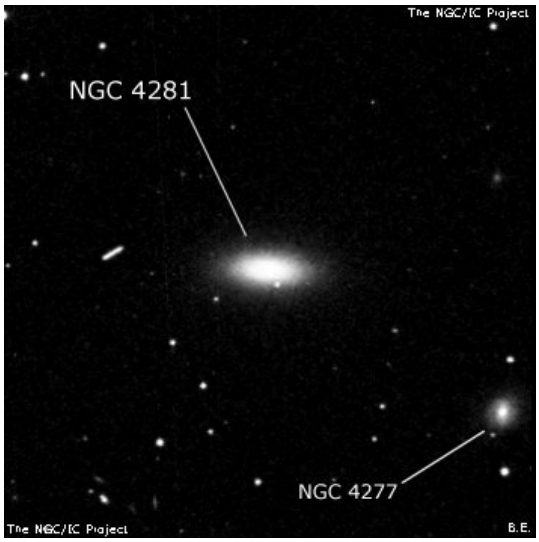
M	NGC381	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	9	**Size**	6 x 6
RA	01h 08m	**Dec**	+61d 34m
Name			
Description	Cl, pC		



NGC4281

M	NGC4281	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11.3	**Size**	1.5 x 0.7
RA	12h 20m	**Dec**	+05d 22m
Name			
Description	B, vL, R, pgbM		

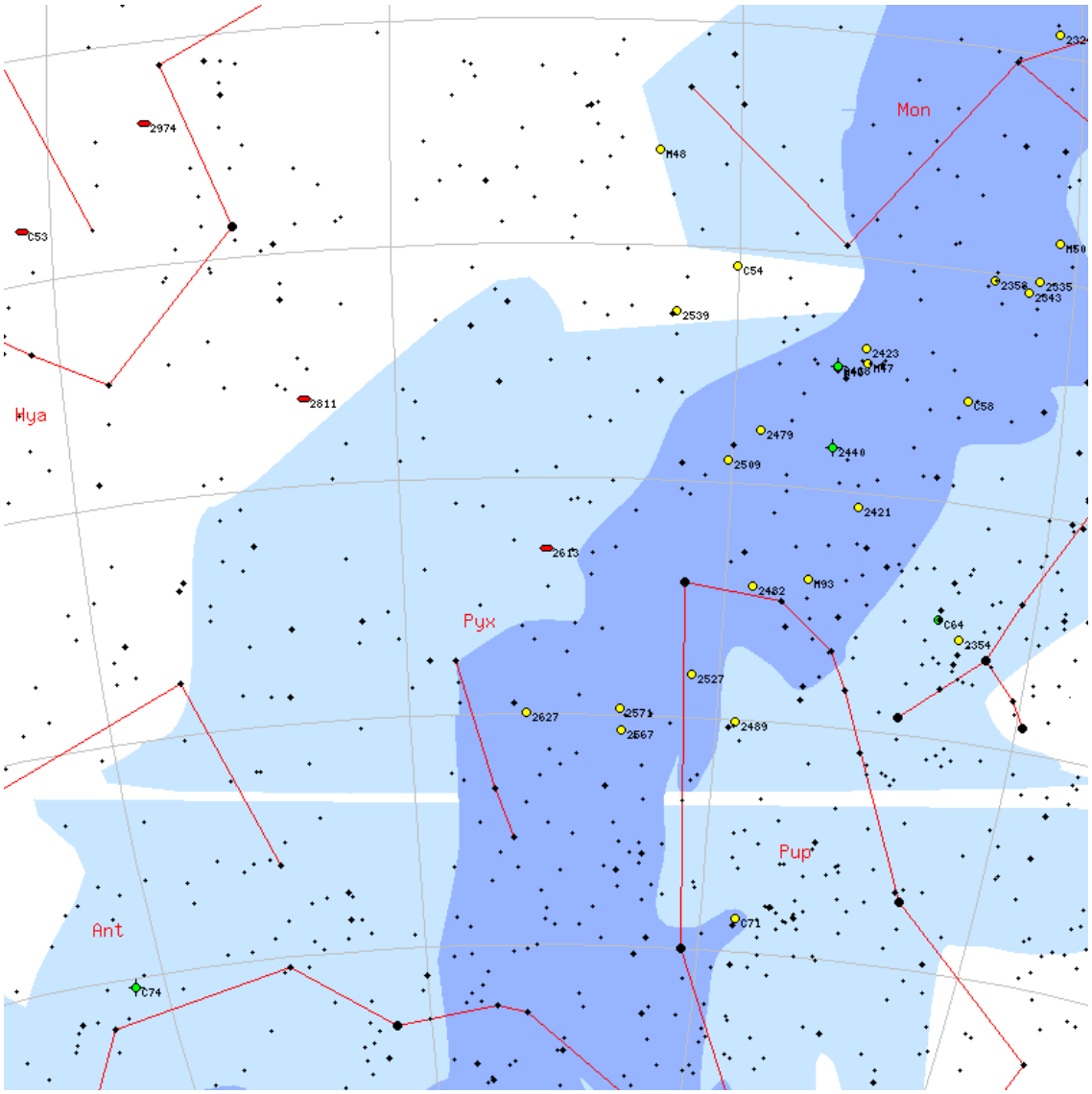




NGC253

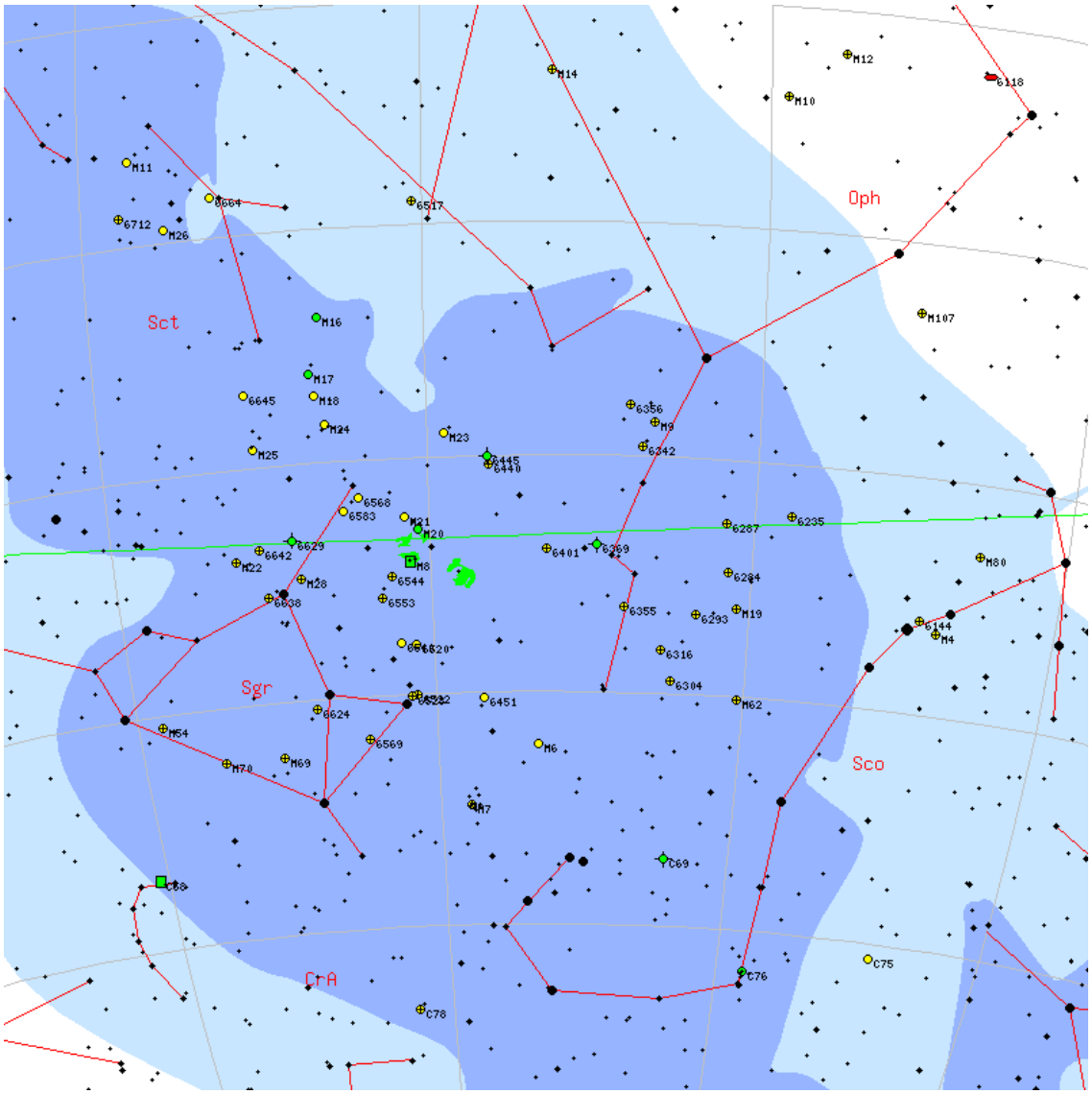
M	NGC253	**ID**	-
Constellation	Scl	**Type**	Gx
Magnitude	7.1	**Size**	13.8 x 3.4
RA	00h 47m	**Dec**	-25d 16m
Name	Sculptor Galaxy/Silver Coin Galaxy		
Description	!! vvB, vvL, vmE 54deg , gbM		

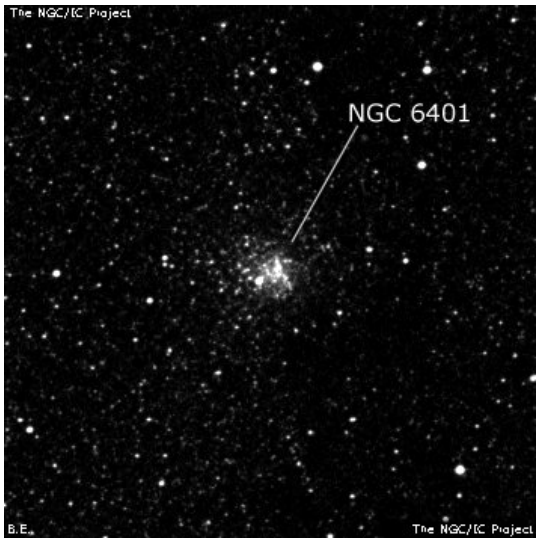
M	NGC2613	**ID**	-
Constellation	Pyx	**Type**	Gx
Magnitude	10.4	**Size**	3.6 x 0.9
RA	08h 33m	**Dec**	-22d 58m
Name			
Description	cB, L, vmE 110deg		



NGC6401

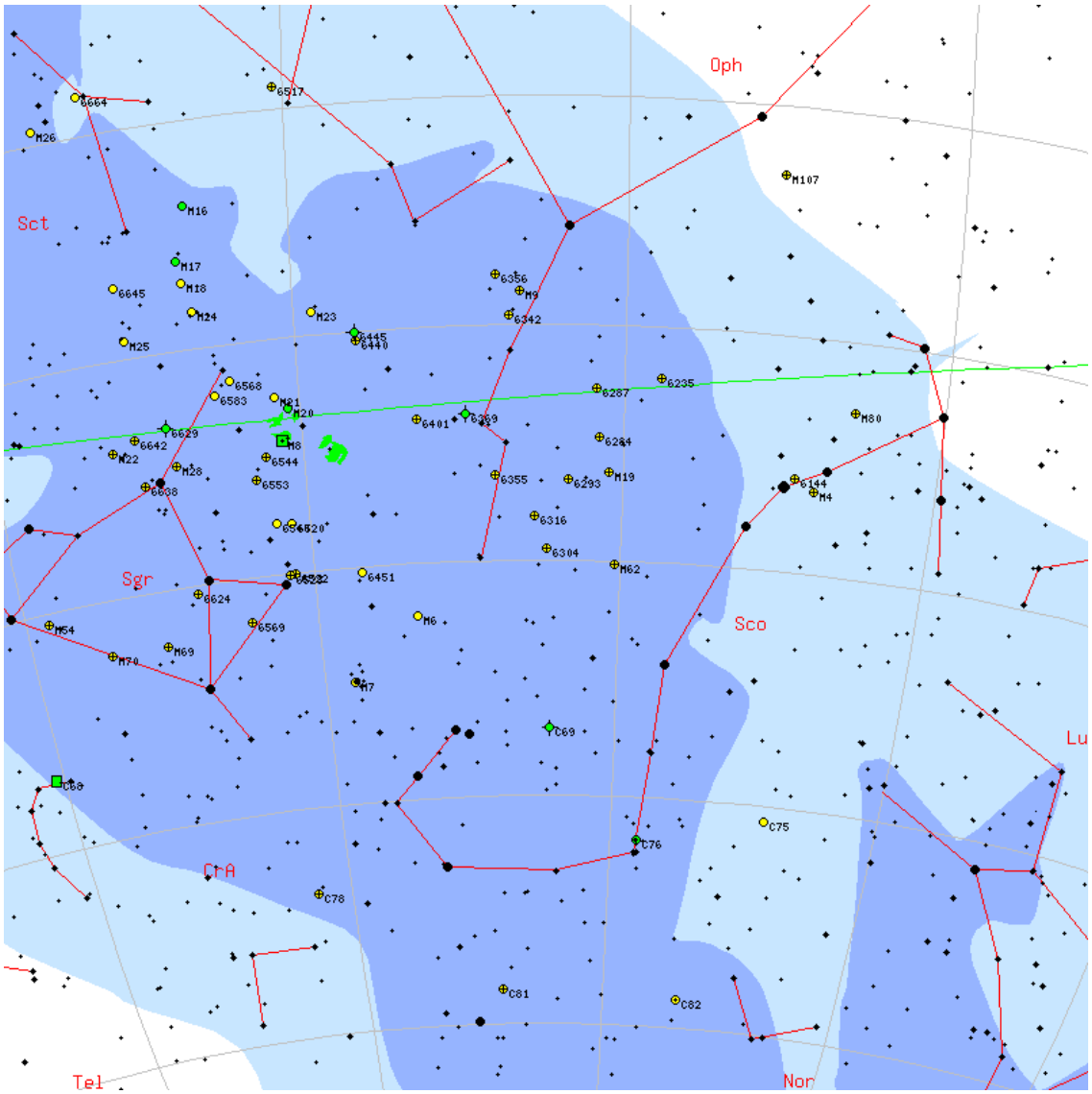
M	NGC6401	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	9.5	**Size**	5.6 x 5.6
RA	17h 38m	**Dec**	-23d 55m
Name			
Description	pB, pL, R, *12 f inv		





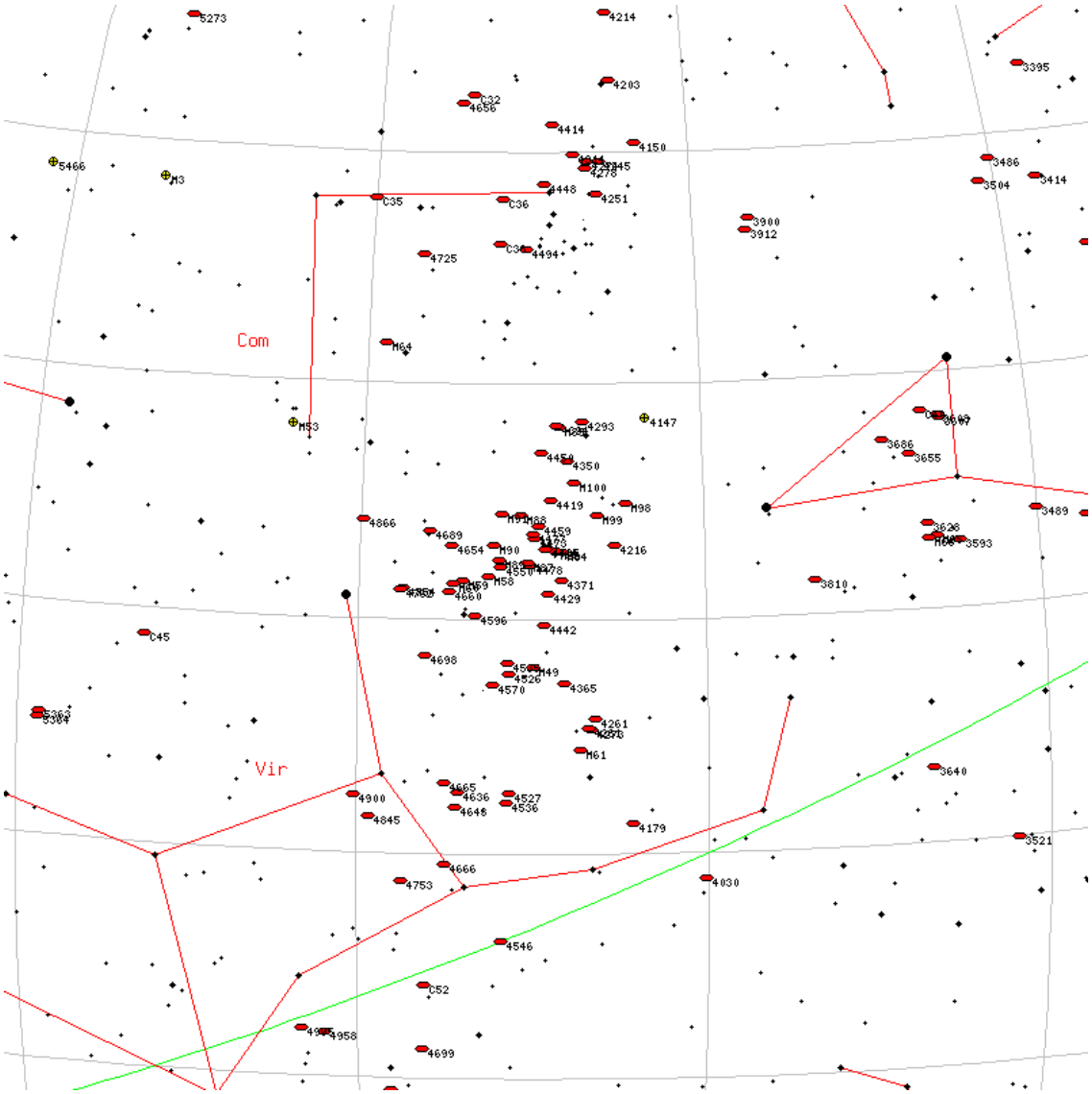
NGC6304

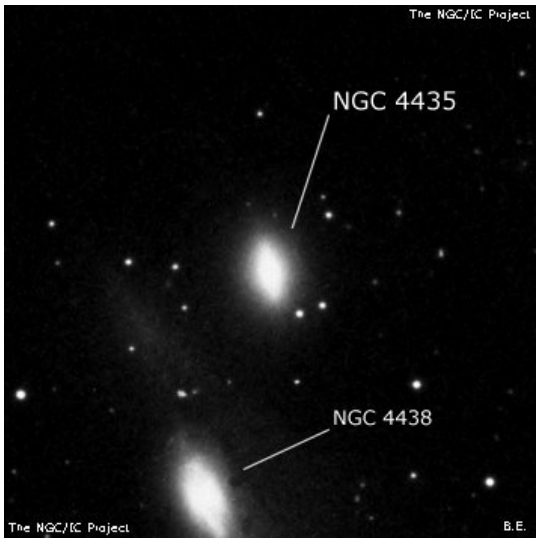
M	NGC6304	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	8.4	**Size**	6.8 x 6.8
RA	17h 14m	**Dec**	-29d 28m
Name			
Description	glob. cl. , B, cL, R, lbM, rrr, st 16		



NGC4435

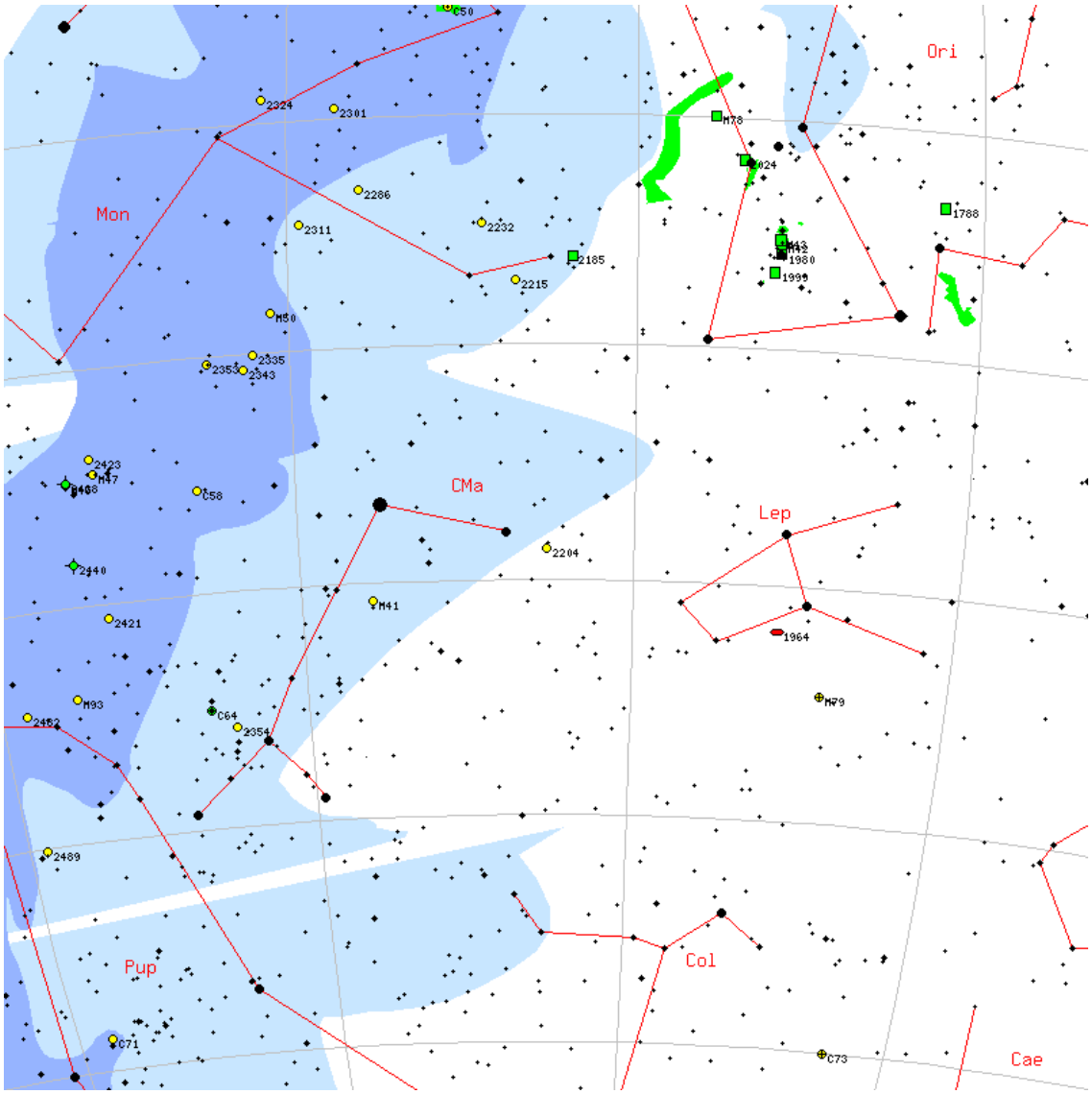
M	NGC4435	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.9	**Size**	1.4 x 1
RA	12h 27m	**Dec**	+13d 04m
Name	The Eyes		
Description	vB, cL, R, np of 2		

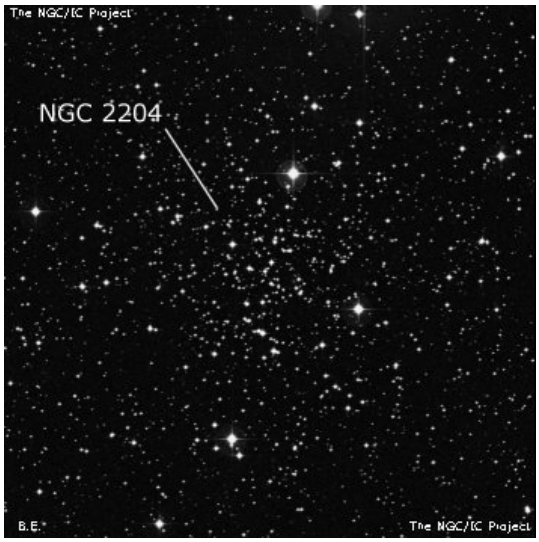




NGC2204

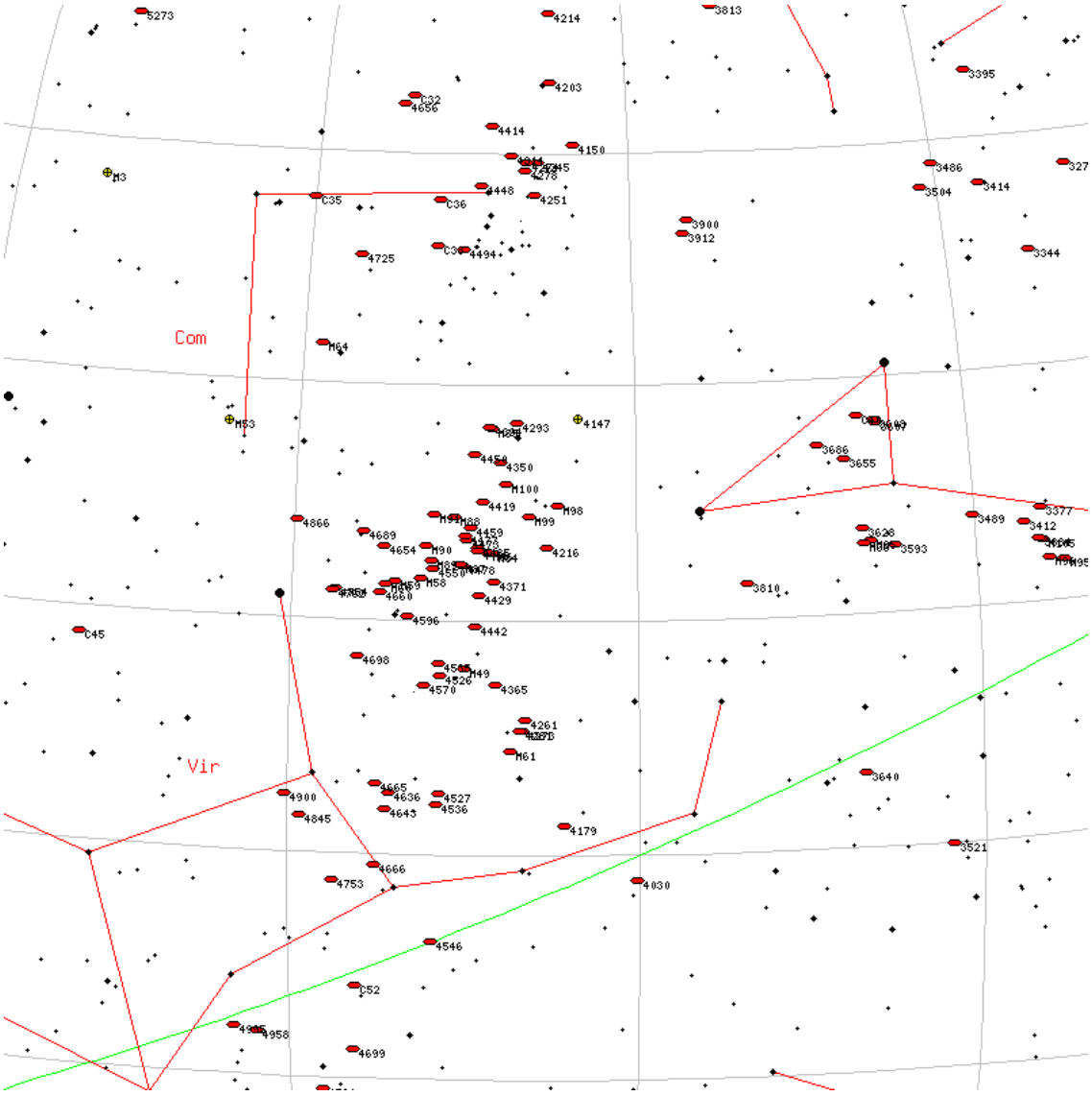
M	NGC2204	**ID**	-
Constellation	CMa	**Type**	OC
Magnitude	8.6	**Size**	13 x 13
RA	06h 15m	**Dec**	-18d 38m
Name			
Description	Cl, L, pRi, IC		

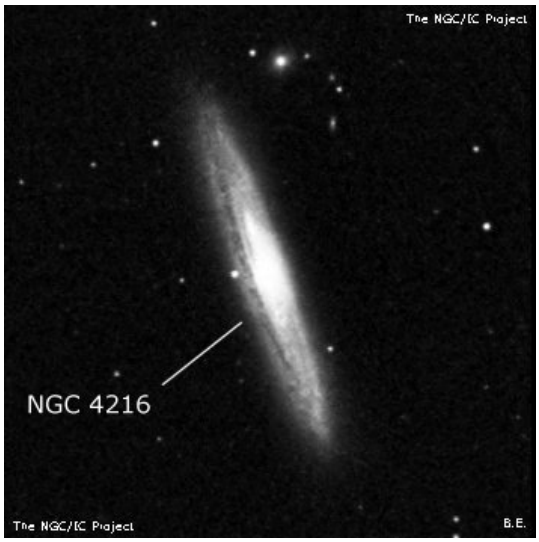




NGC4216

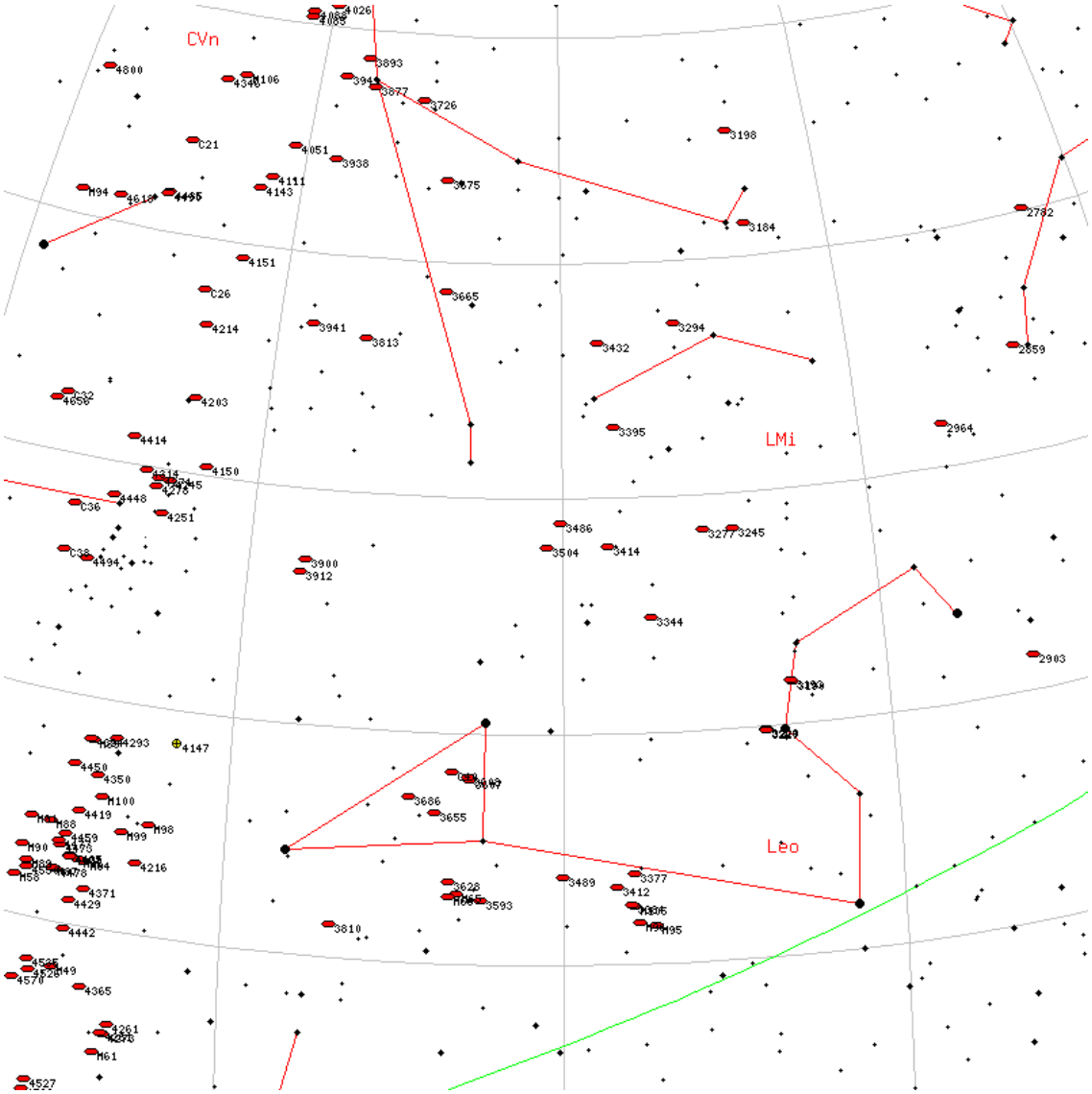
M	NGC4216	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10	**Size**	4.1 x 0.9
RA	12h 15m	**Dec**	+13d 09m
Name			
Description	vB, vL, vmE 17deg , sbMN		

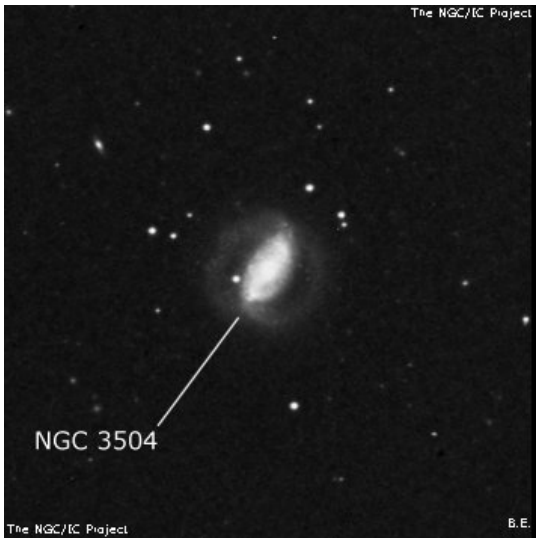




NGC3504

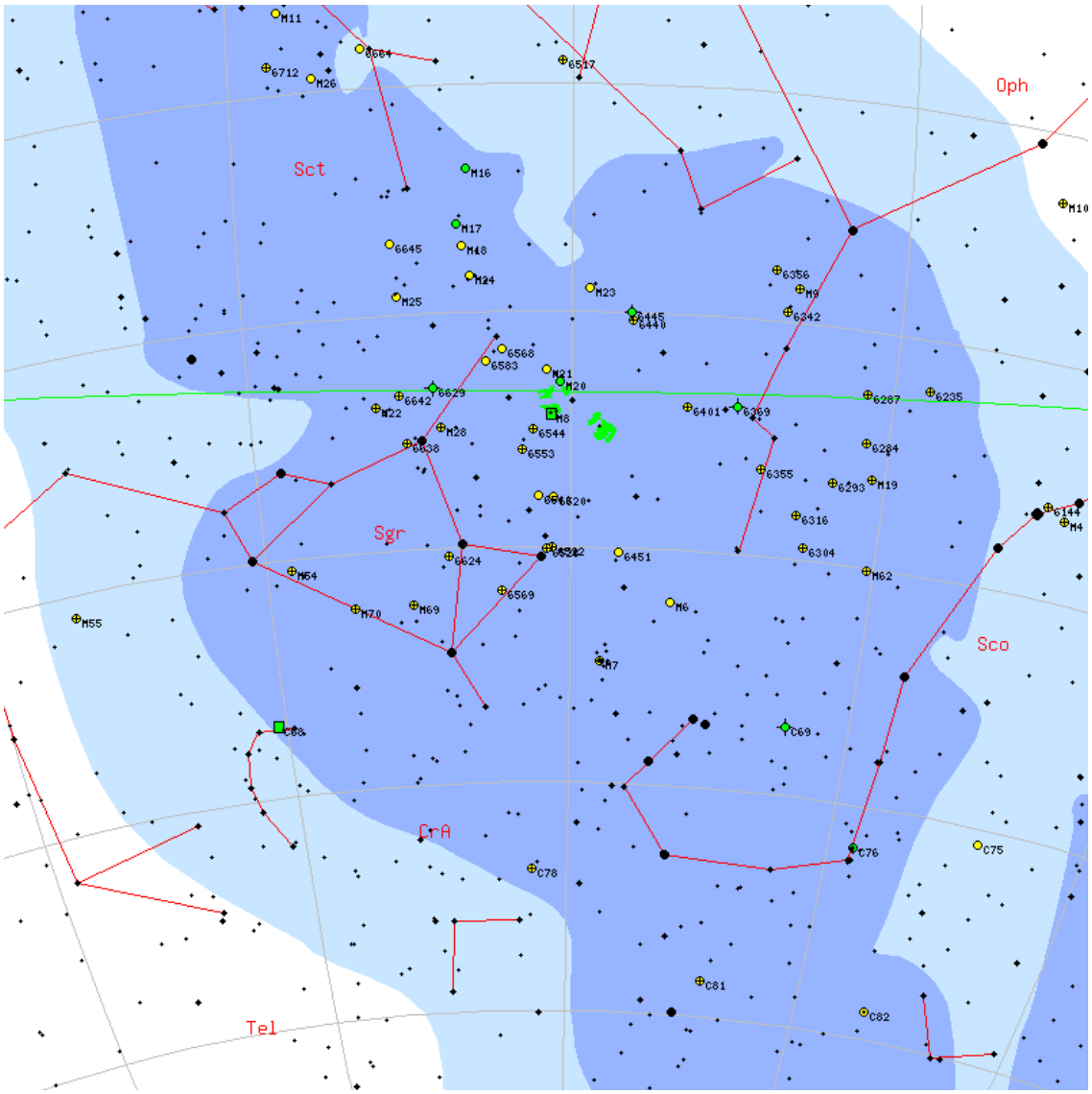
M	NGC3504	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	11.1	**Size**	2.7 x 2.7
RA	11h 03m	**Dec**	+27d 58m
Name			
Description	B, L, E, mbMN, rr, p of 2		





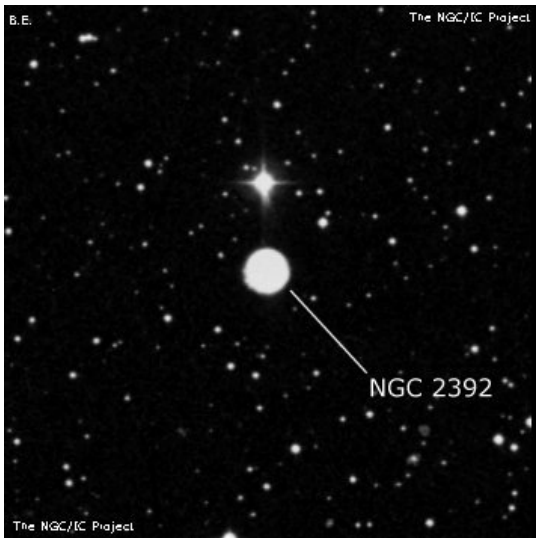
NGC6528

M	NGC6528	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	9.5	**Size**	3.7 x 3.7
RA	18h 04m	**Dec**	-30d 03m
Name			
Description	glob. cl. , pF, cS, R, gbM, rrr, st 16		



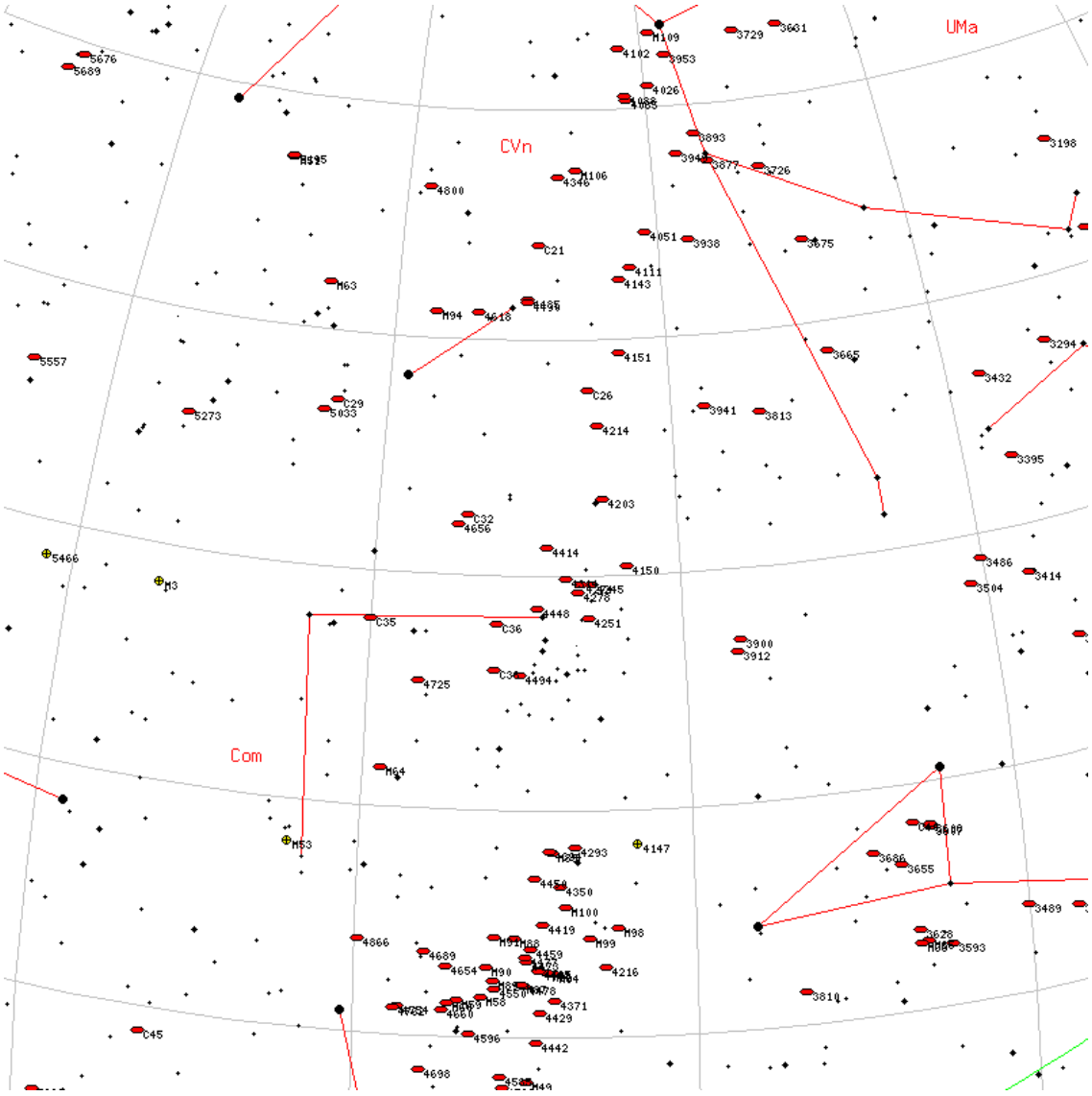
NGC2392

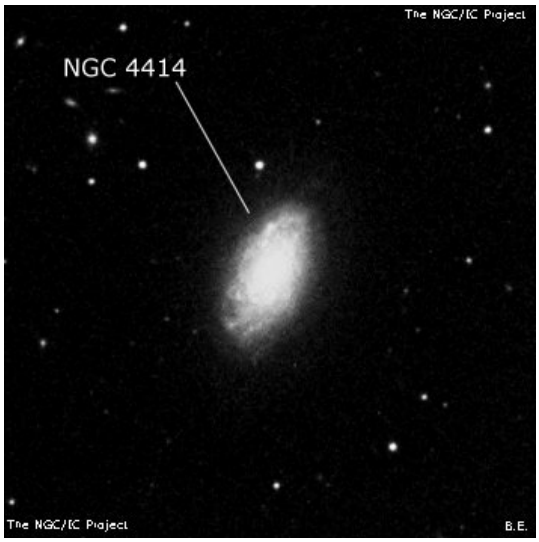
M	NGC2392	**ID**	-
Constellation	Gem	**Type**	Pl
Magnitude	10	**Size**	0.7 x 0.7
RA	07h 29m	**Dec**	+20d 55m
Name	Eskimo Nebula/Clown Face Nebula		
Description	B, S, R, *9 M, *8 nf 100"		



NGC4414

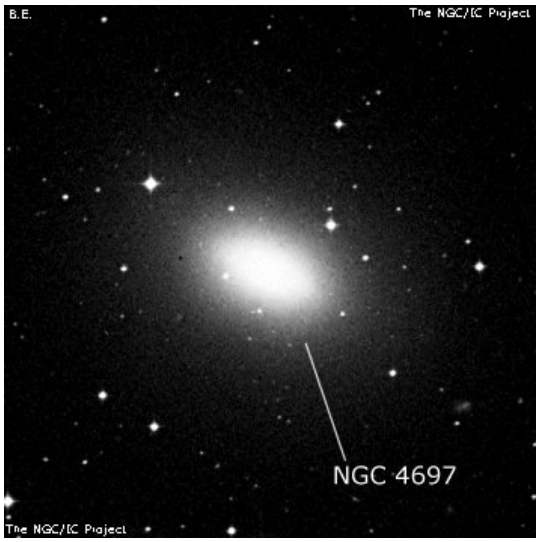
M	NGC4414	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.3	**Size**	1.8 x 1
RA	12h 26m	**Dec**	+31d 13m
Name			
Description	vB, L, E, g, vsmbM *		





NGC4697

M	NGC4697	**ID**	-
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		

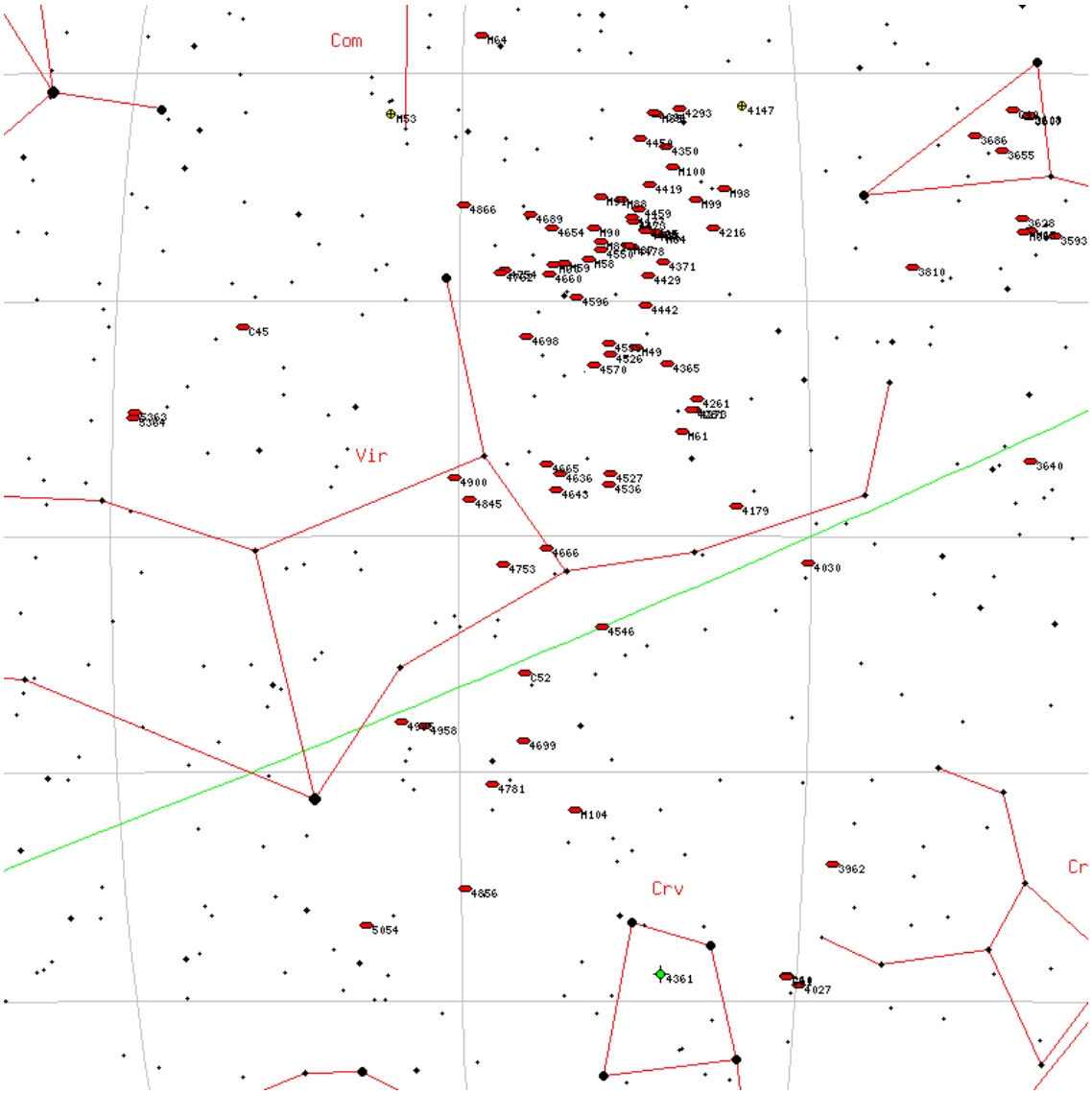


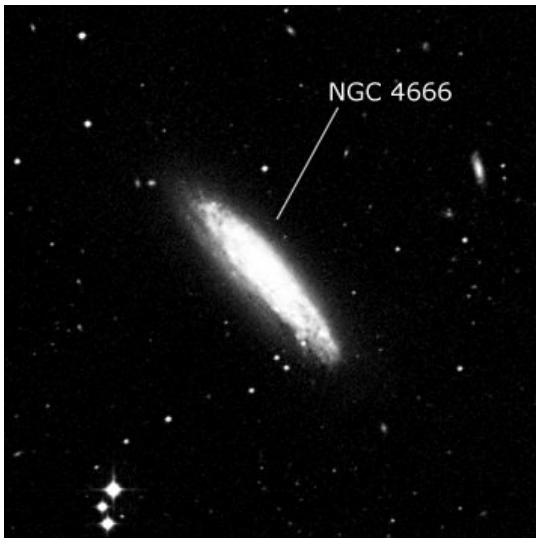
NGC457

M	NGC457	**ID**	-
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		

NGC4666

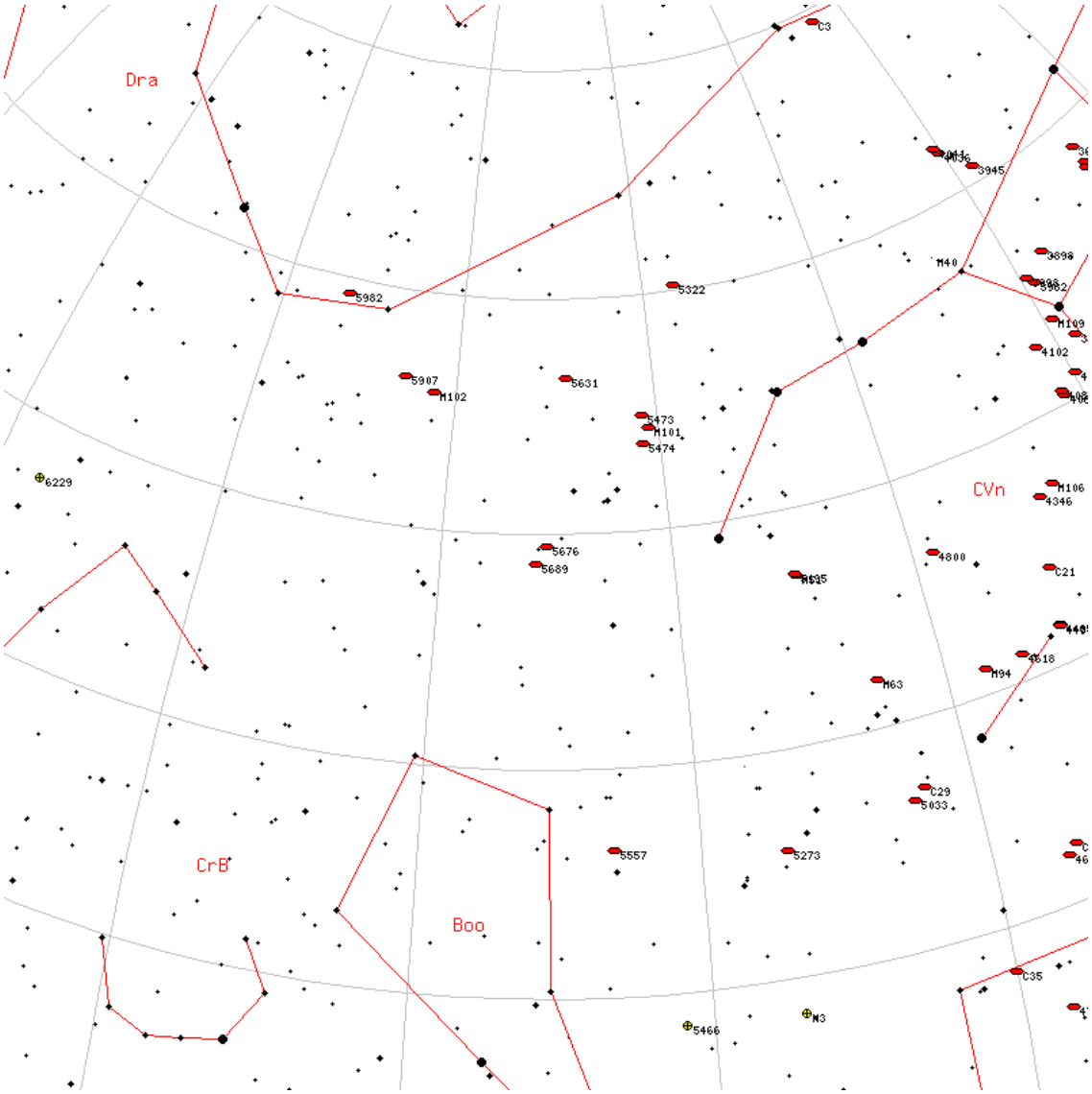
M	NGC4666	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.8	**Size**	2.3 x 0.6
RA	12h 45m	**Dec**	-00d 28m
Name			
Description	B, vL, mE 45deg +/- , psbM		

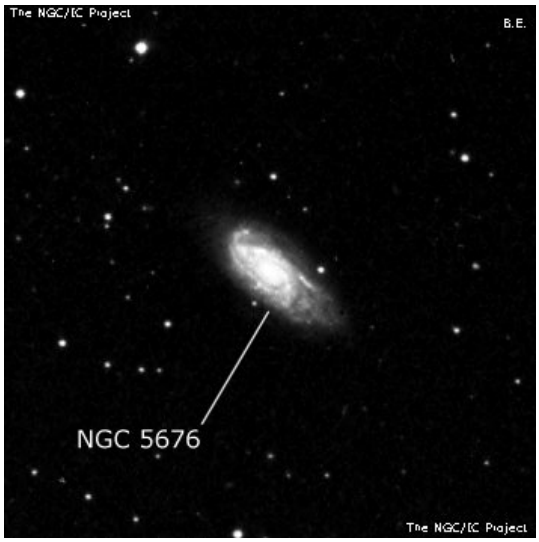




NGC5676

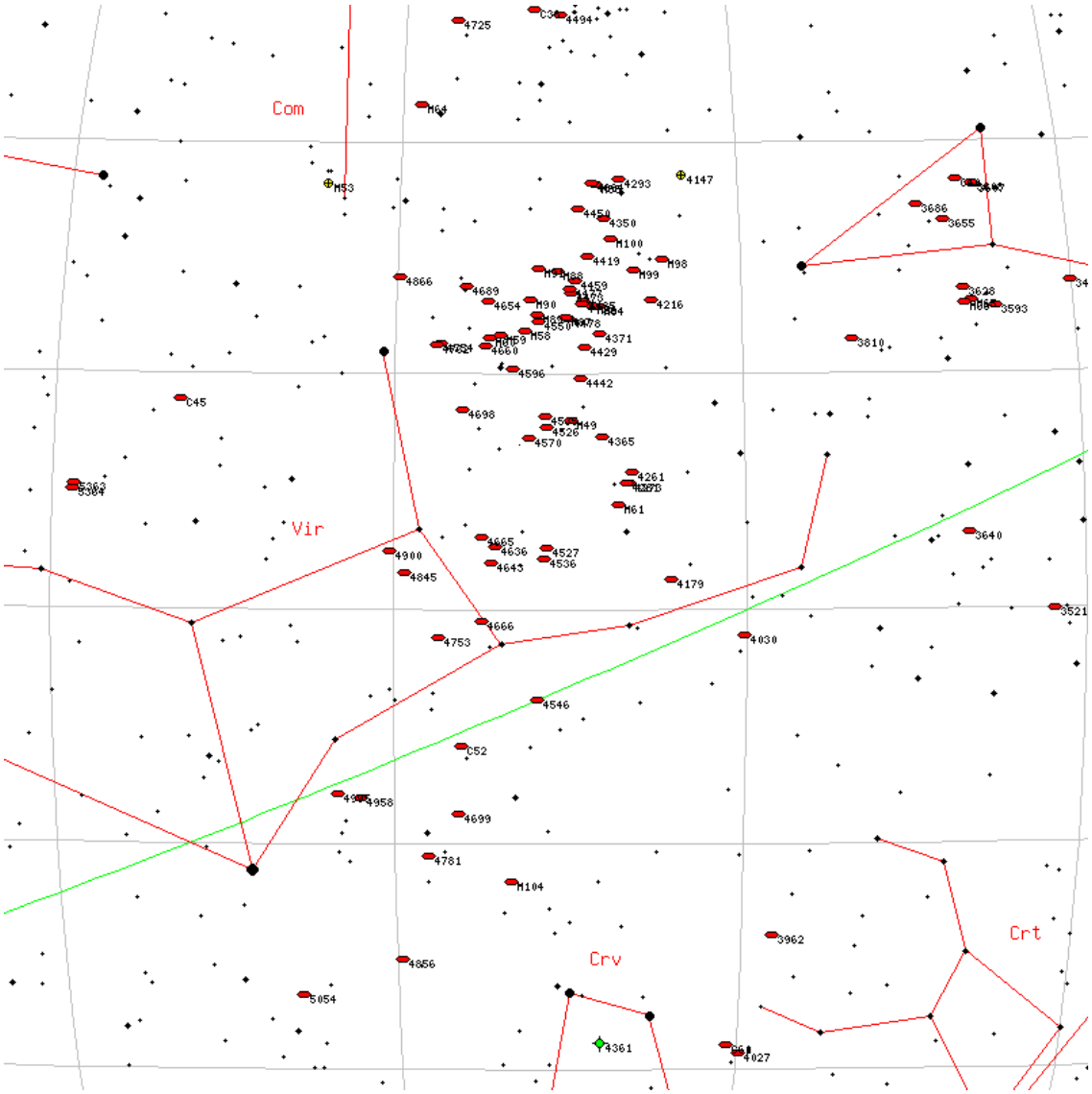
M	NGC5676	**ID**	-
Constellation	Boo	**Type**	Gx
Magnitude	10.9	**Size**	2 x 0.9
RA	14h 32m	**Dec**	+49d 28m
Name			
Description	B, L, E 45deg +/- , pgbM, r		

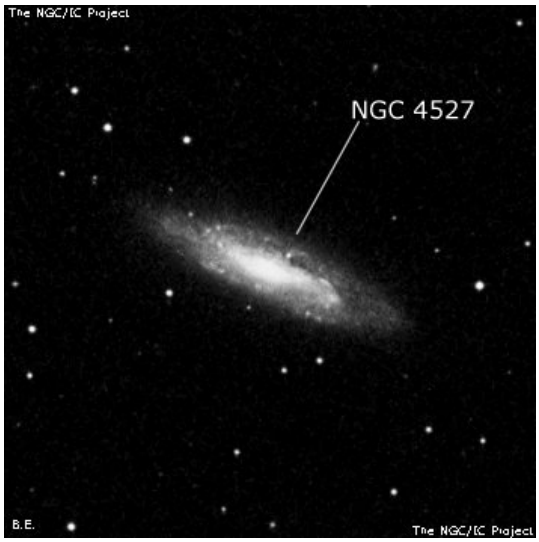




NGC4527

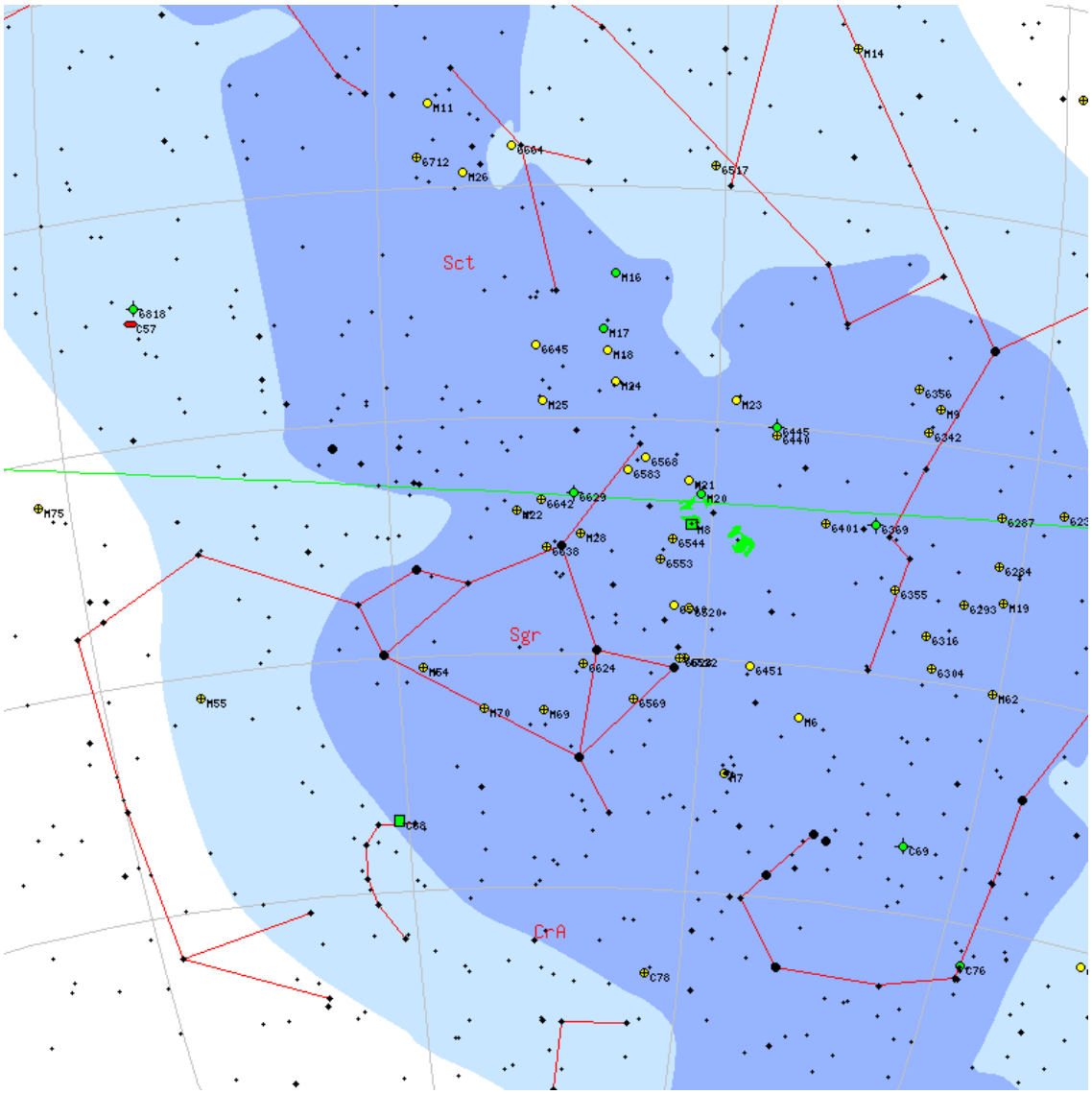
M	NGC4527	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.4	**Size**	3.1 x 1
RA	12h 34m	**Dec**	+02d 38m
Name			
Description	pB, L, pmE 69deg , mbM		





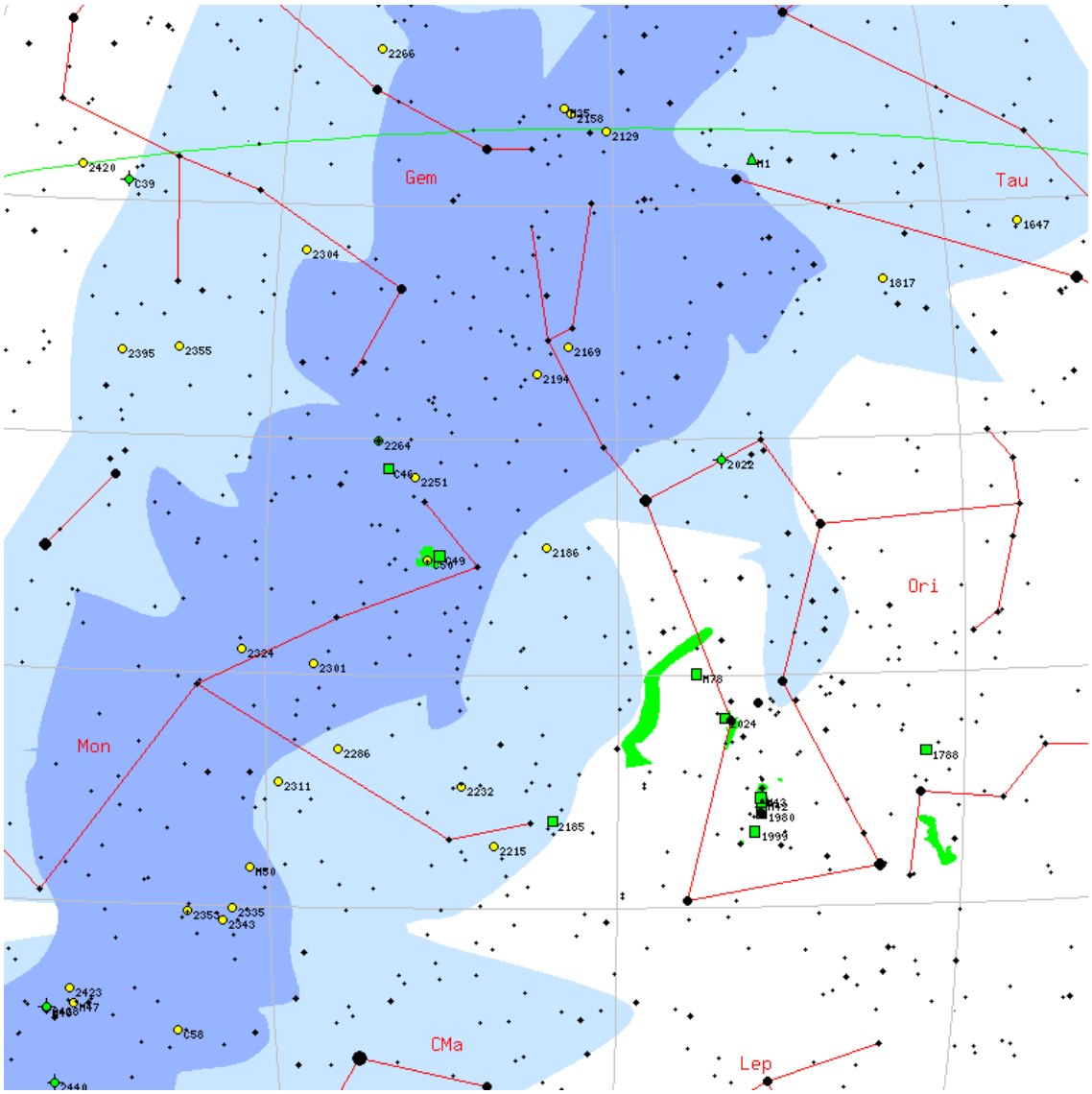
NGC6638

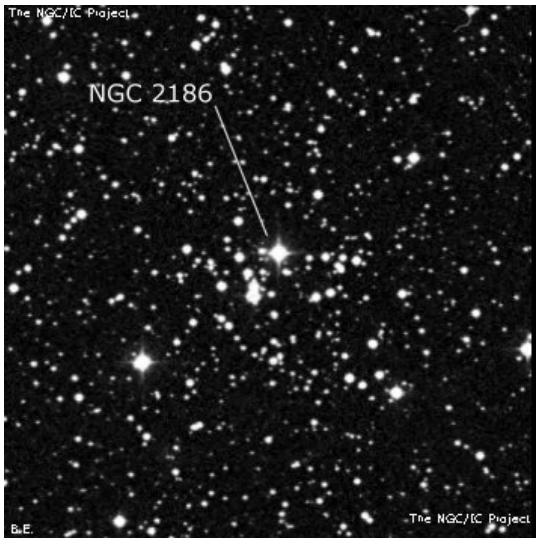
M	NGC6638	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	9.2	**Size**	5 x 5
RA	18h 30m	**Dec**	-25d 30m
Name			
Description	glob. cl. , B, S, R, rr		



NGC2186

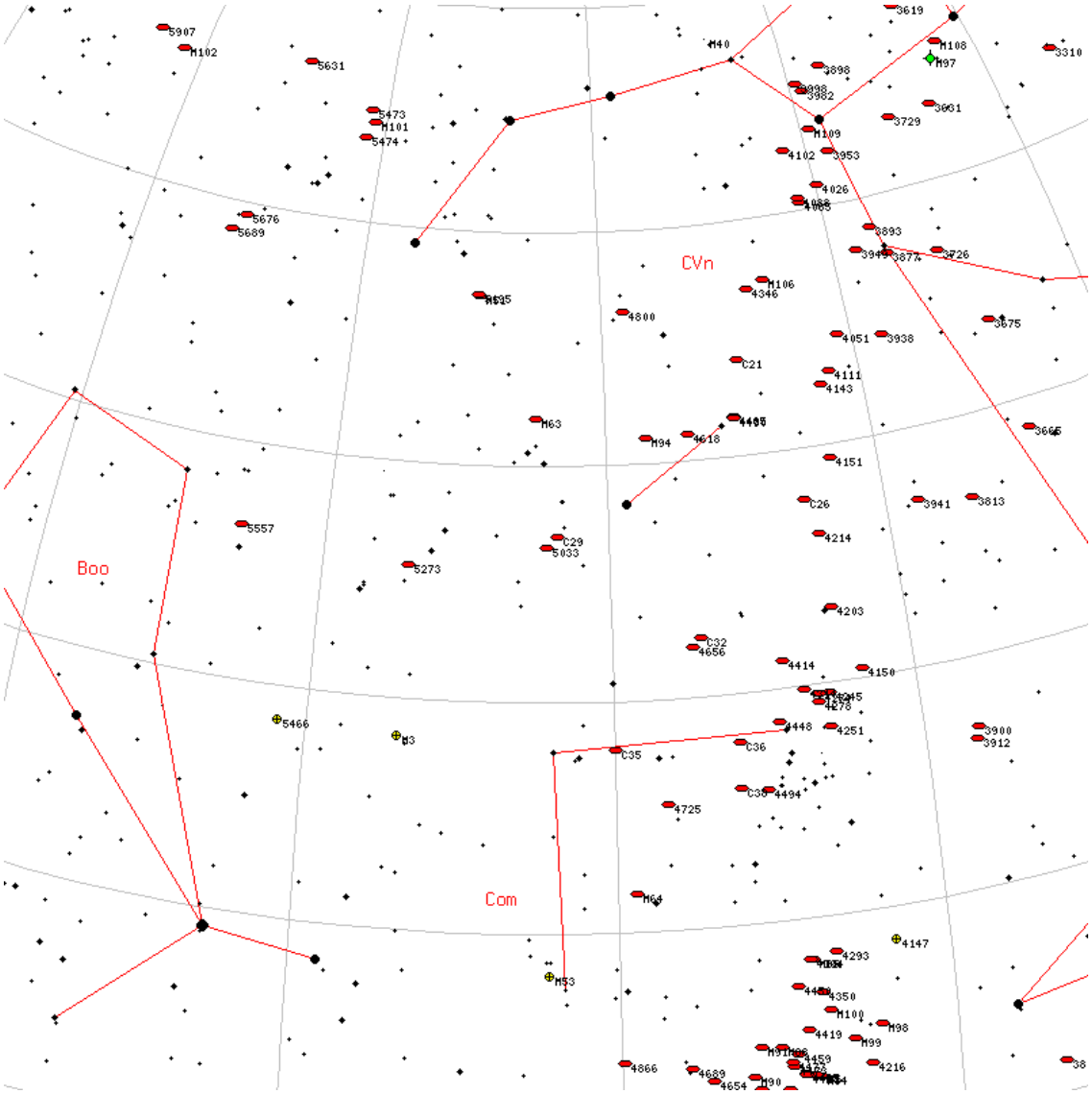
M	NGC2186	**ID**	-
Constellation	Ori	**Type**	OC
Magnitude	8.7	**Size**	4 x 4
RA	06h 12m	**Dec**	+05d 27m
Name			
Description	Cl, pL, pRi, pC, st L and S		

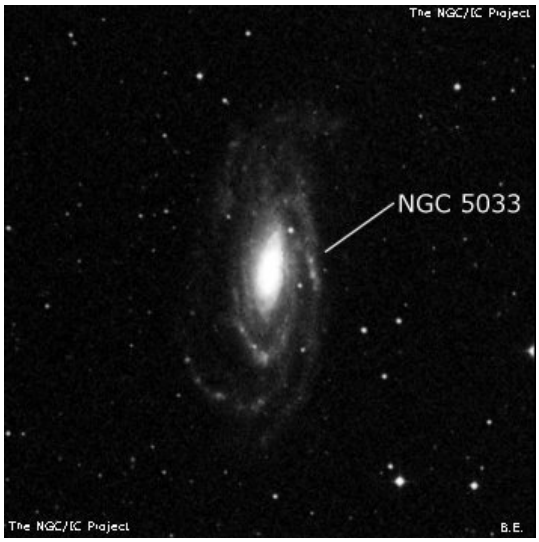




NGC5033

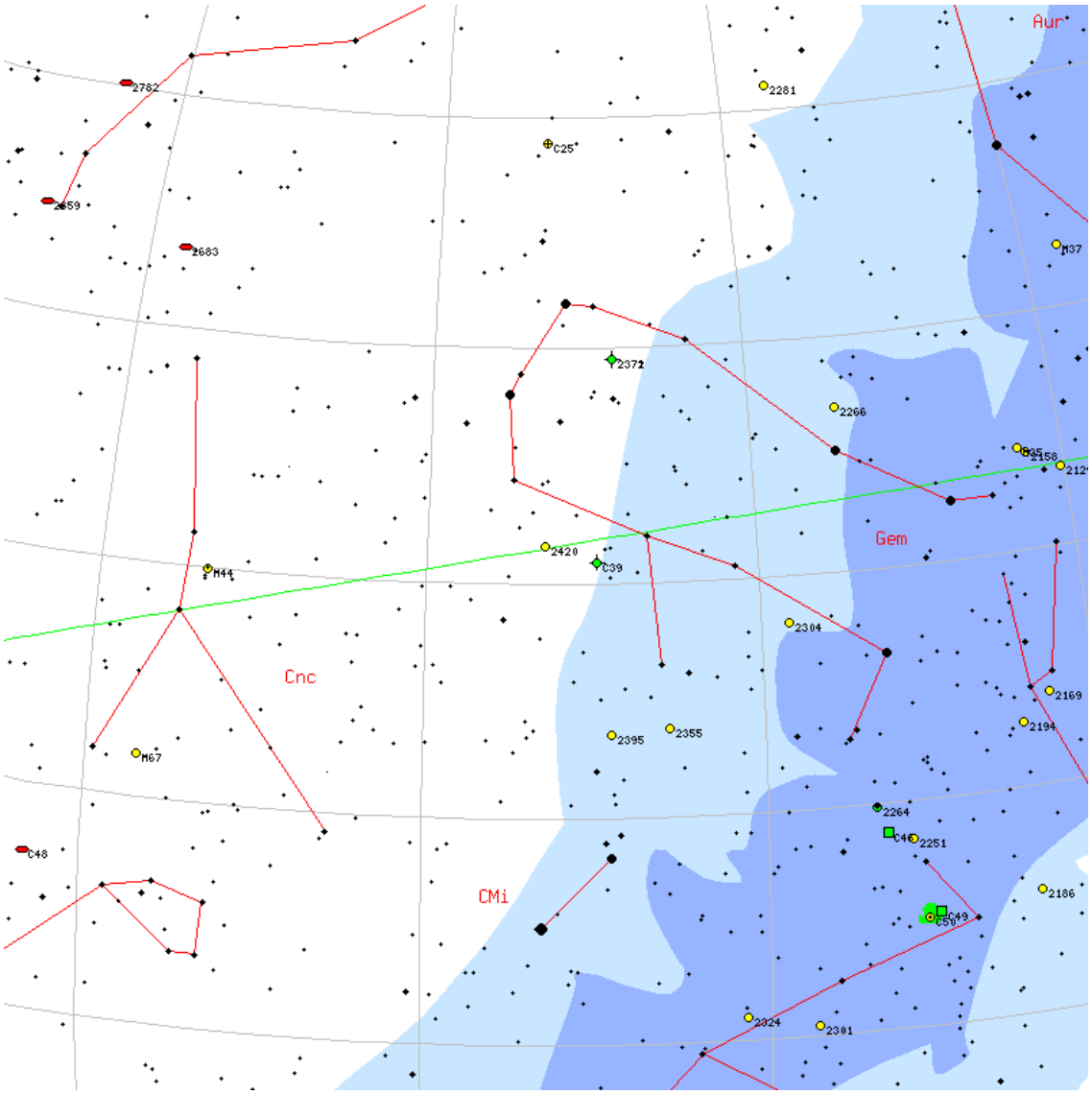
M	NGC5033	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	10.1	**Size**	5.4 x 2.5
RA	13h 13m	**Dec**	+36d 36m
Name			
Description	vB, pL, E 167deg , smbMvBN, * np		

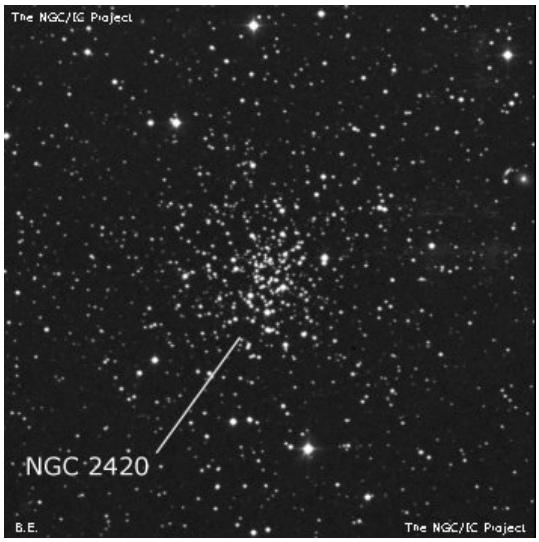




NGC2420

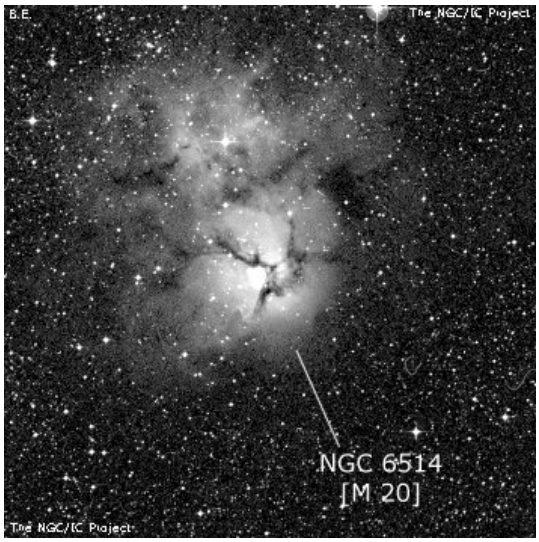
M	NGC2420	**ID**	-
Constellation	Gem	**Type**	OC
Magnitude	8.3	**Size**	10 x 10
RA	07h 38m	**Dec**	+21d 34m
Name			
Description	Cl, cL, Ri, C, st 11...18		





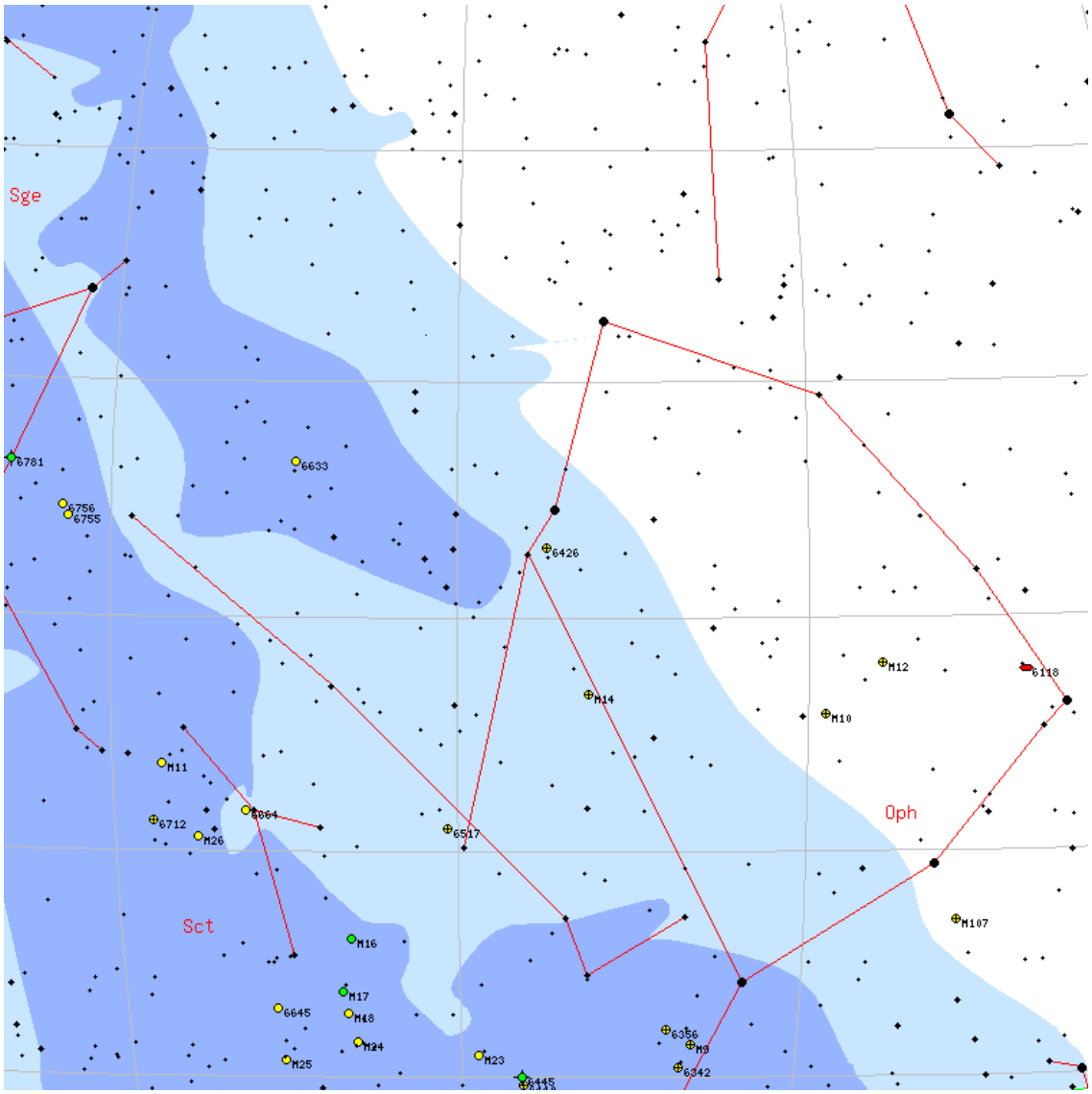
NGC6514

M	NGC6514	**ID**	-
Constellation	Sgr	**Type**	CN
Magnitude	6.3	**Size**	29 x 29
RA	18h 02m	**Dec**	-23d 01m
Name	Trifid Nebula		
Description	!!! vB, vL, trifid, D* inv		



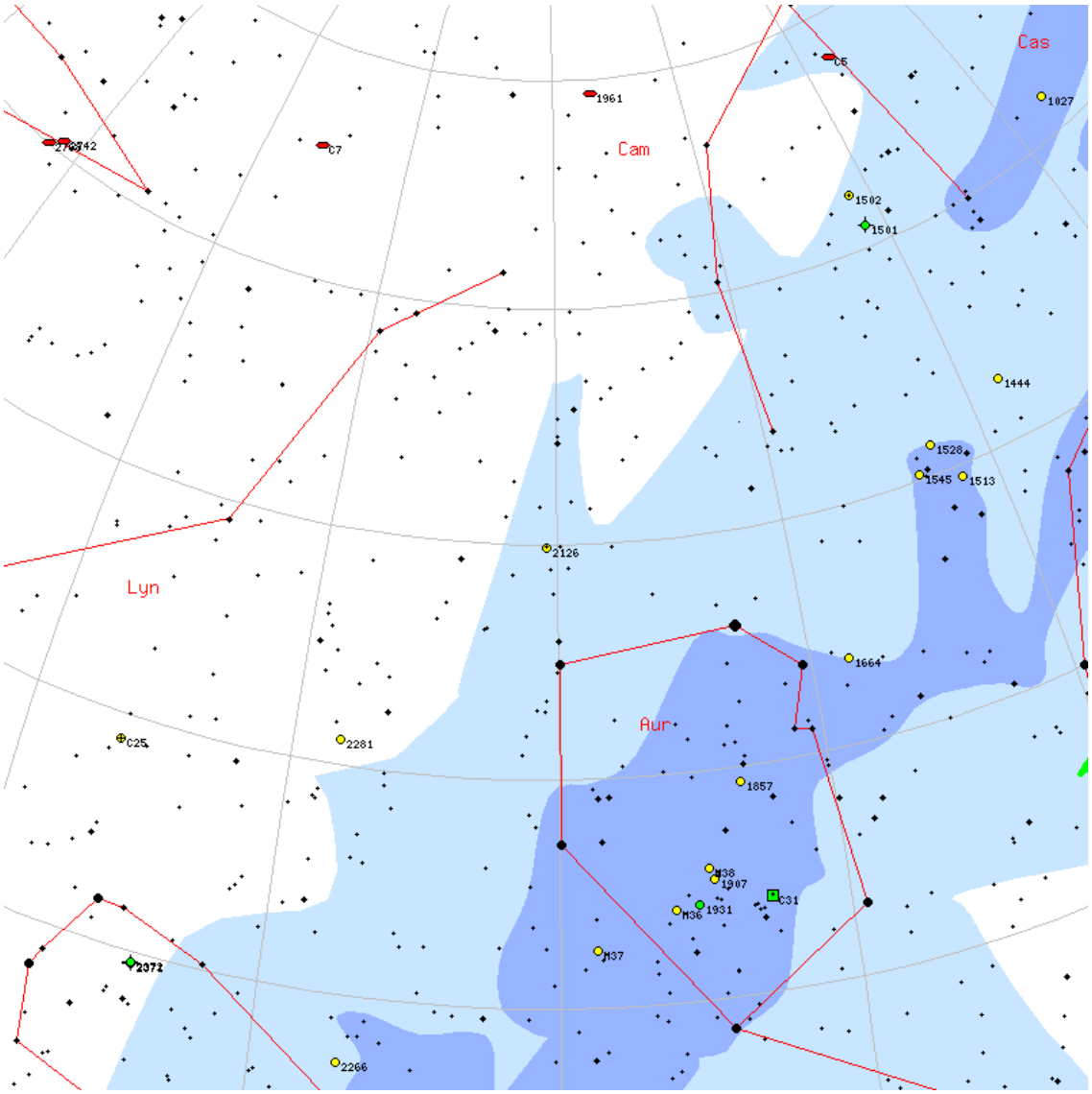
NGC6426

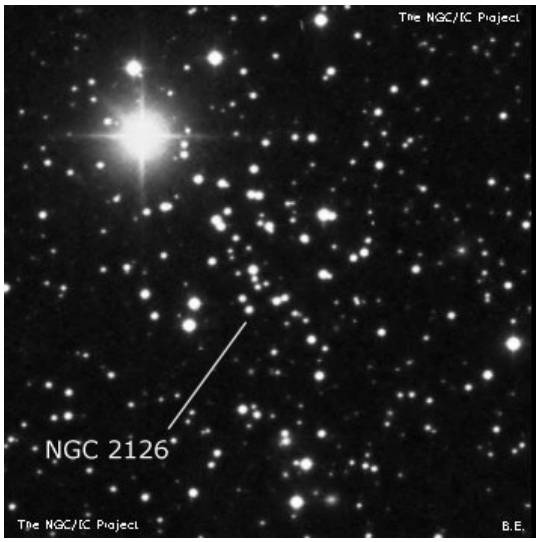
M	NGC6426	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	11.2	**Size**	3.2 x 3.2
RA	17h 44m	**Dec**	+03d 00m
Name			
Description	vF, cL, E, vlbM		



NGC2126

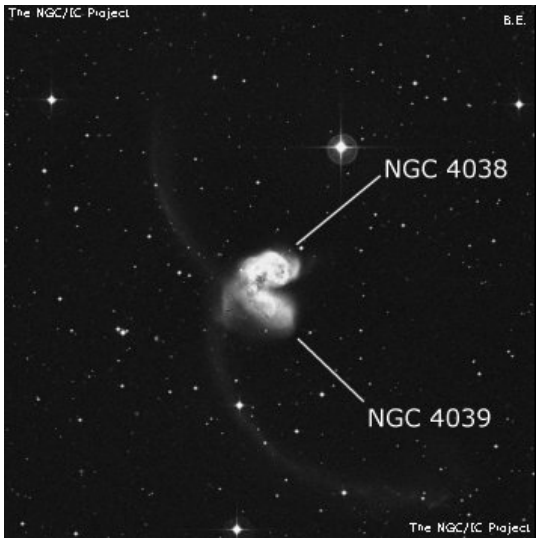
M	NGC2126	**ID**	-
Constellation	Aur	**Type**	OC
Magnitude	10	**Size**	6 x 6
RA	06h 02m	**Dec**	+49d 53m
Name			
Description	Cl, not Ri, *7 n		





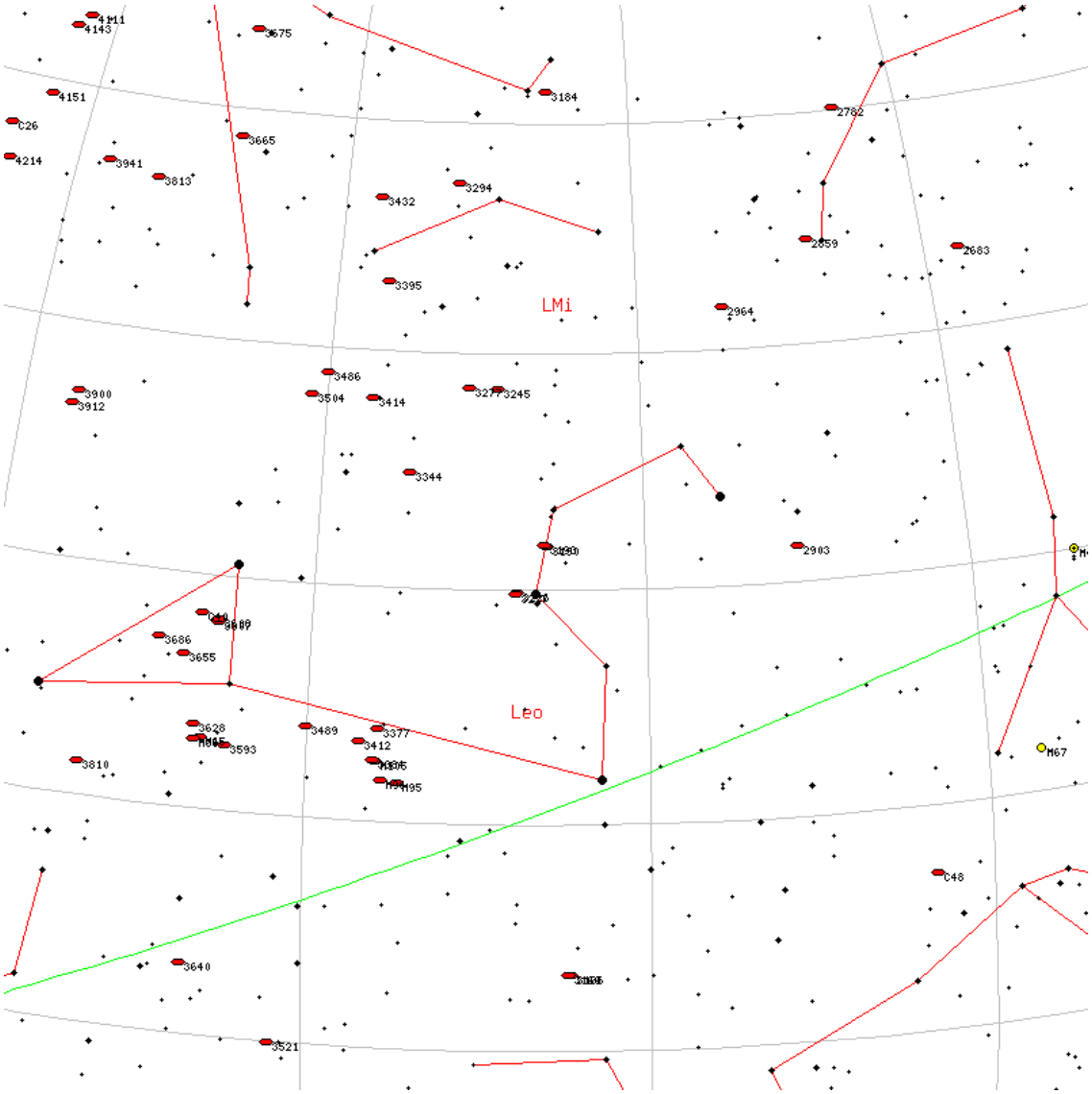
NGC4038

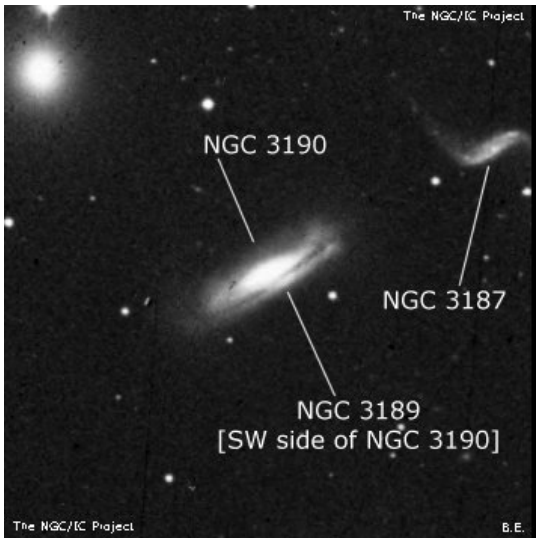
M	NGC4038	**ID**	-
Constellation	Crv	**Type**	Gx
Magnitude	10.7	**Size**	2.6 x 1.6
RA	12h 01m	**Dec**	-18d 52m
Name	Antennae or Ring-Tail galaxy		
Description	pB, cL, R, vgbM		



NGC3190

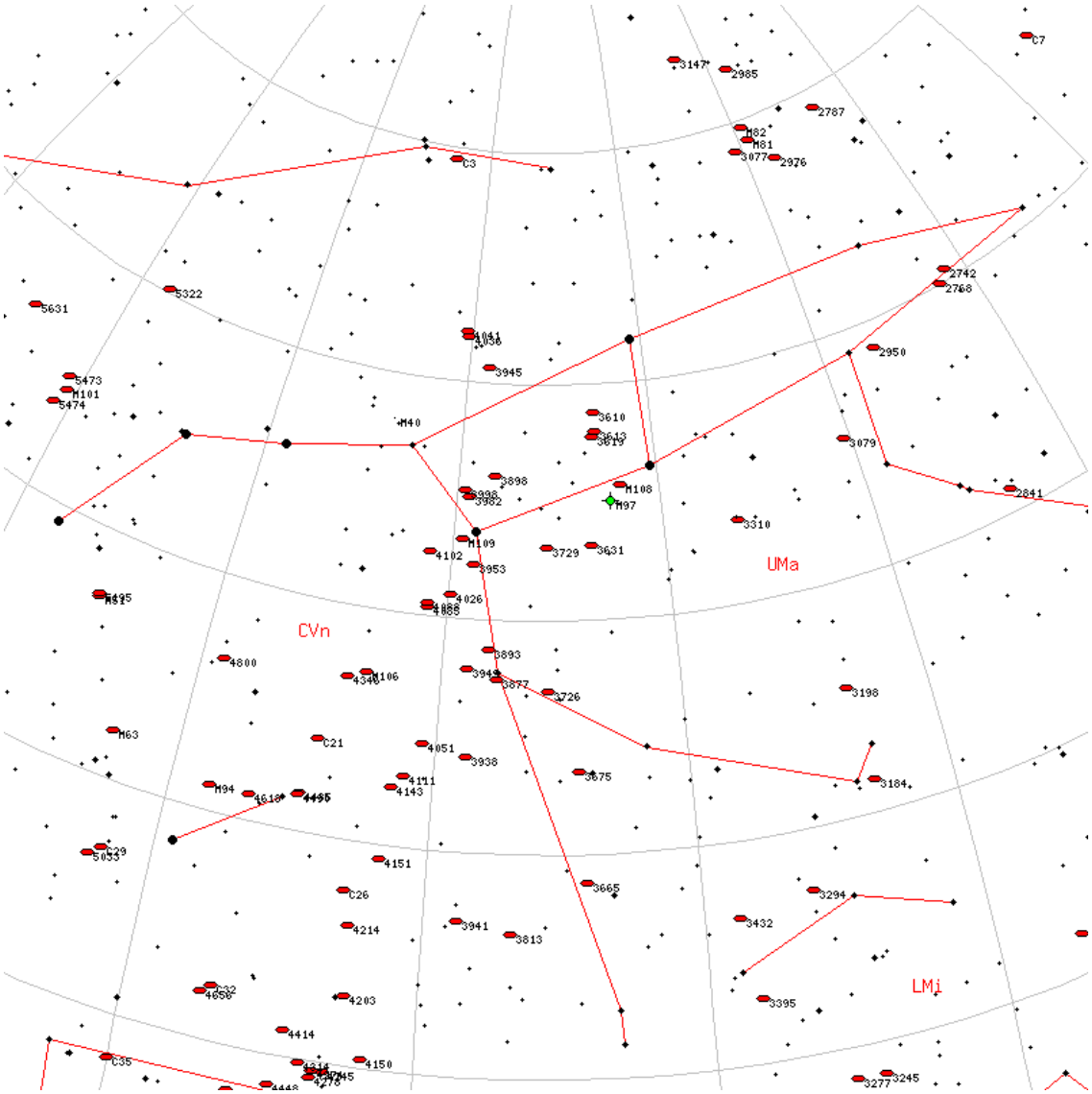
M	NGC3190	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	11	**Size**	2.2 x 0.8
RA	10h 18m	**Dec**	+21d 49m
Name			
Description	B, pS, E, psbMN		

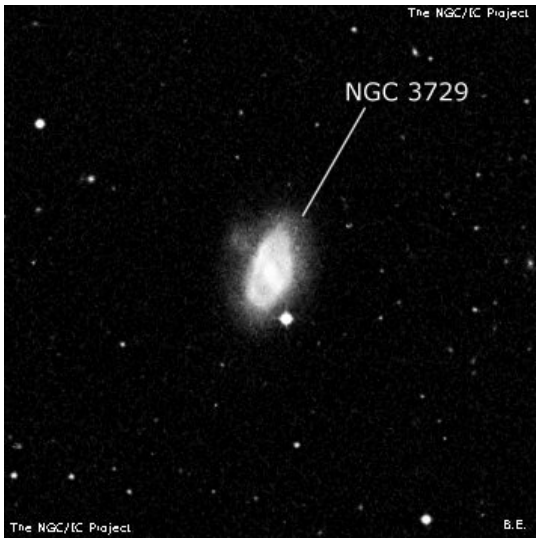




NGC3729

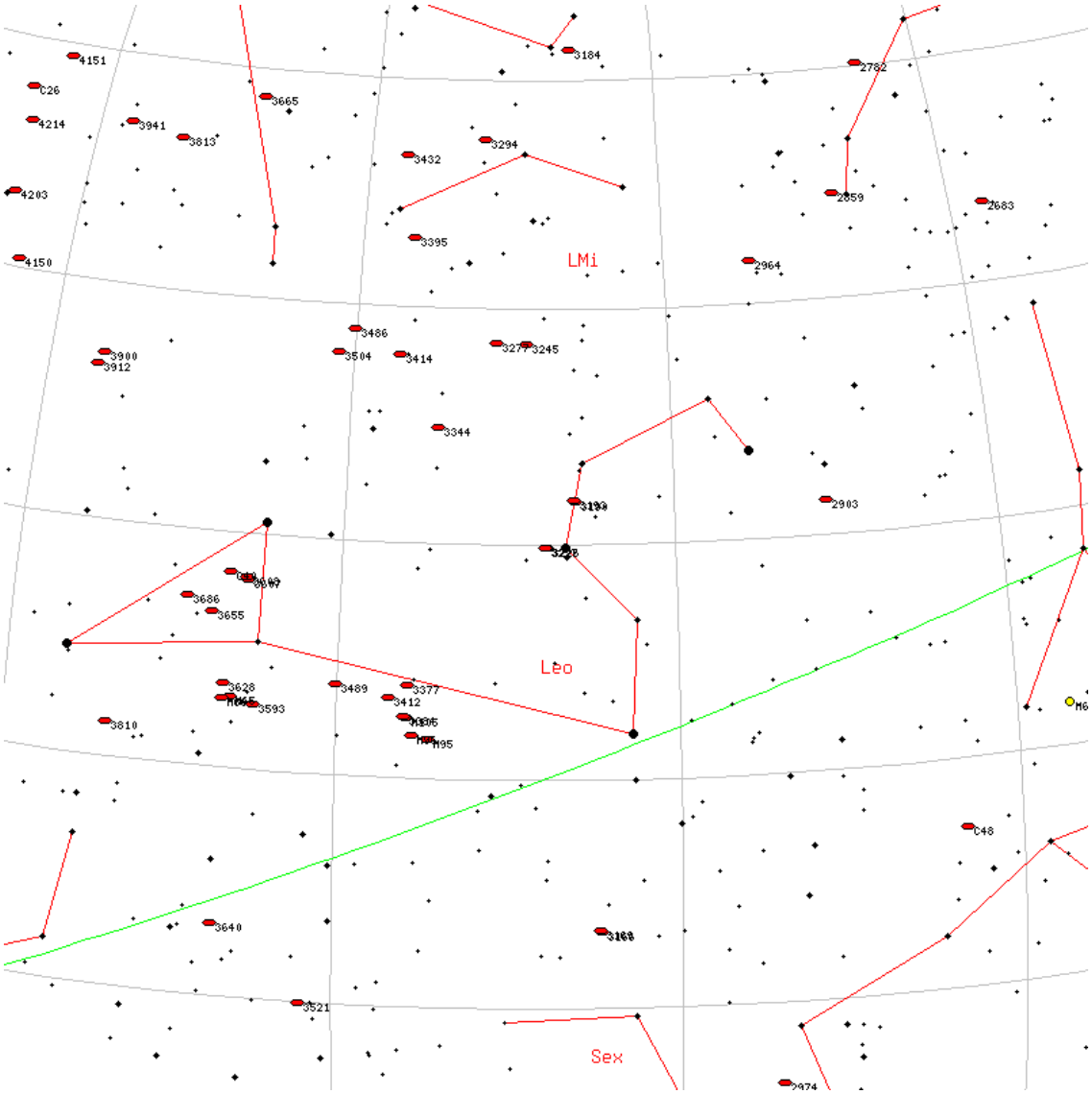
M	NGC3729	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11.4	**Size**	1.4 x 0.9
RA	11h 33m	**Dec**	+53d 07m
Name			
Description	pB, pL, IE 0deg +/- , gbM, *12 nr		

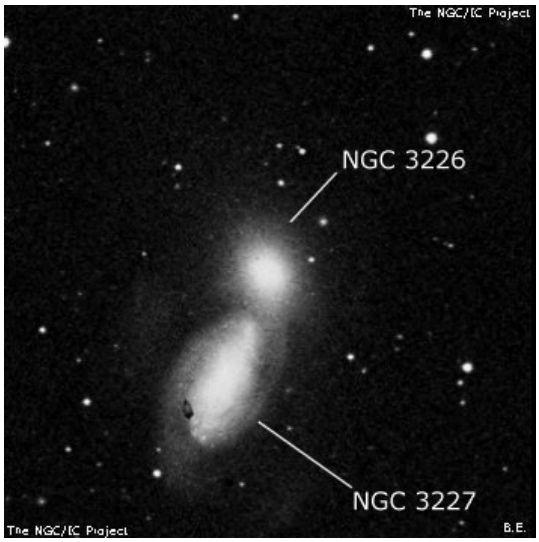




NGC3226

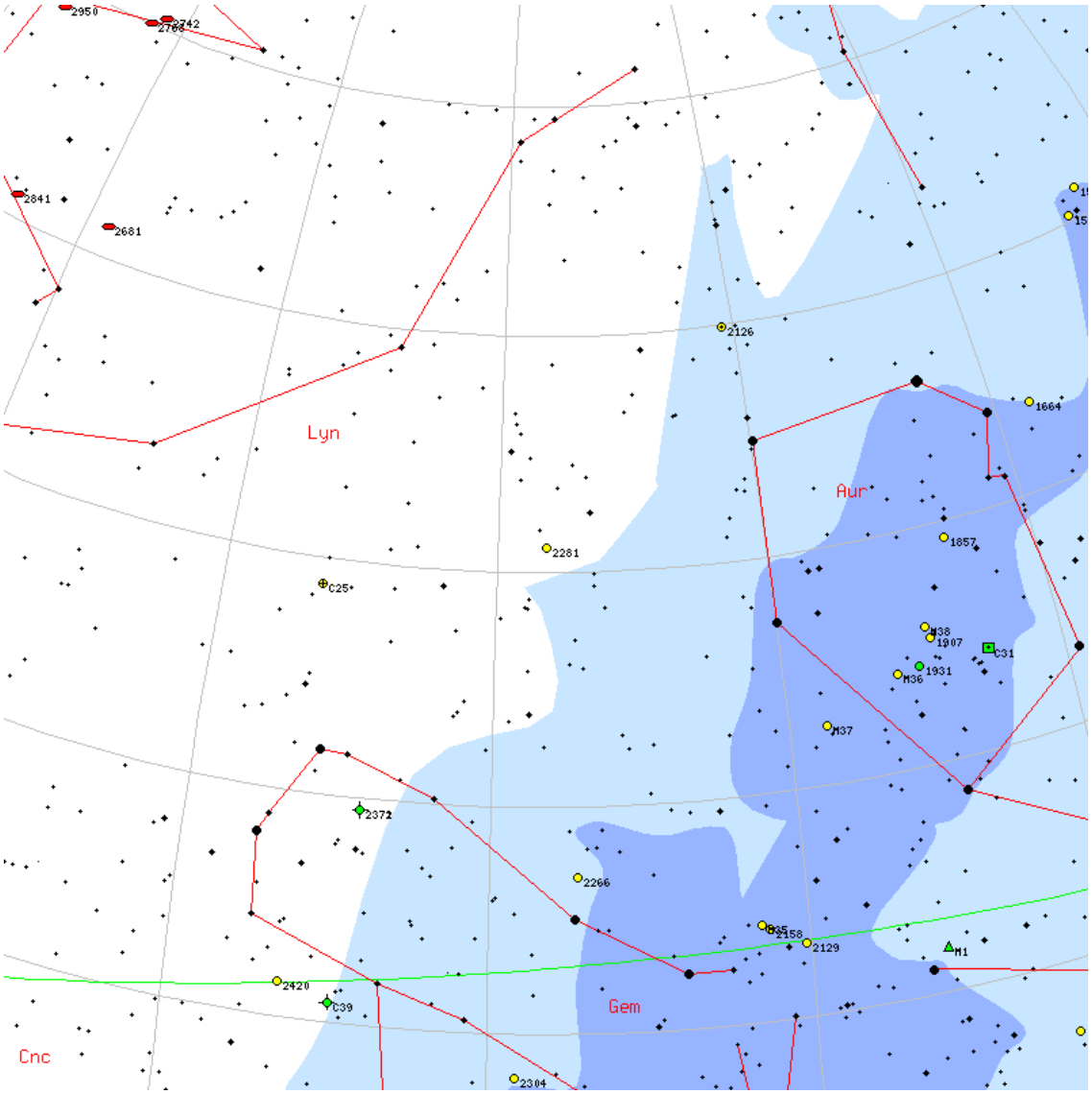
M	NGC3226	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	11.4	**Size**	1.6 x 1.4
RA	10h 23m	**Dec**	+19d 53m
Name			
Description	pB, cL, R, D with 3227, pos 159deg , 138"		

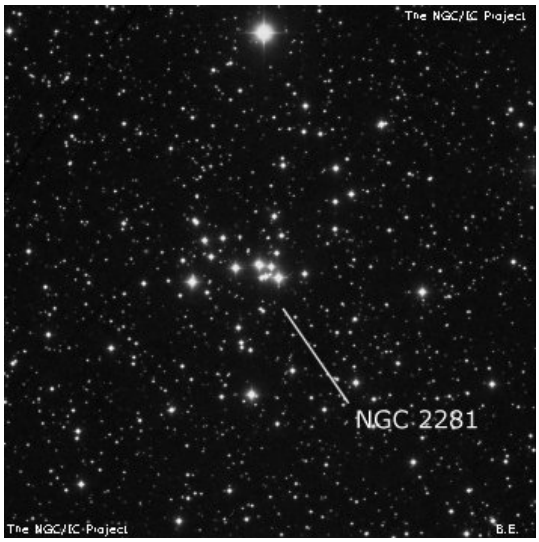




NGC2281

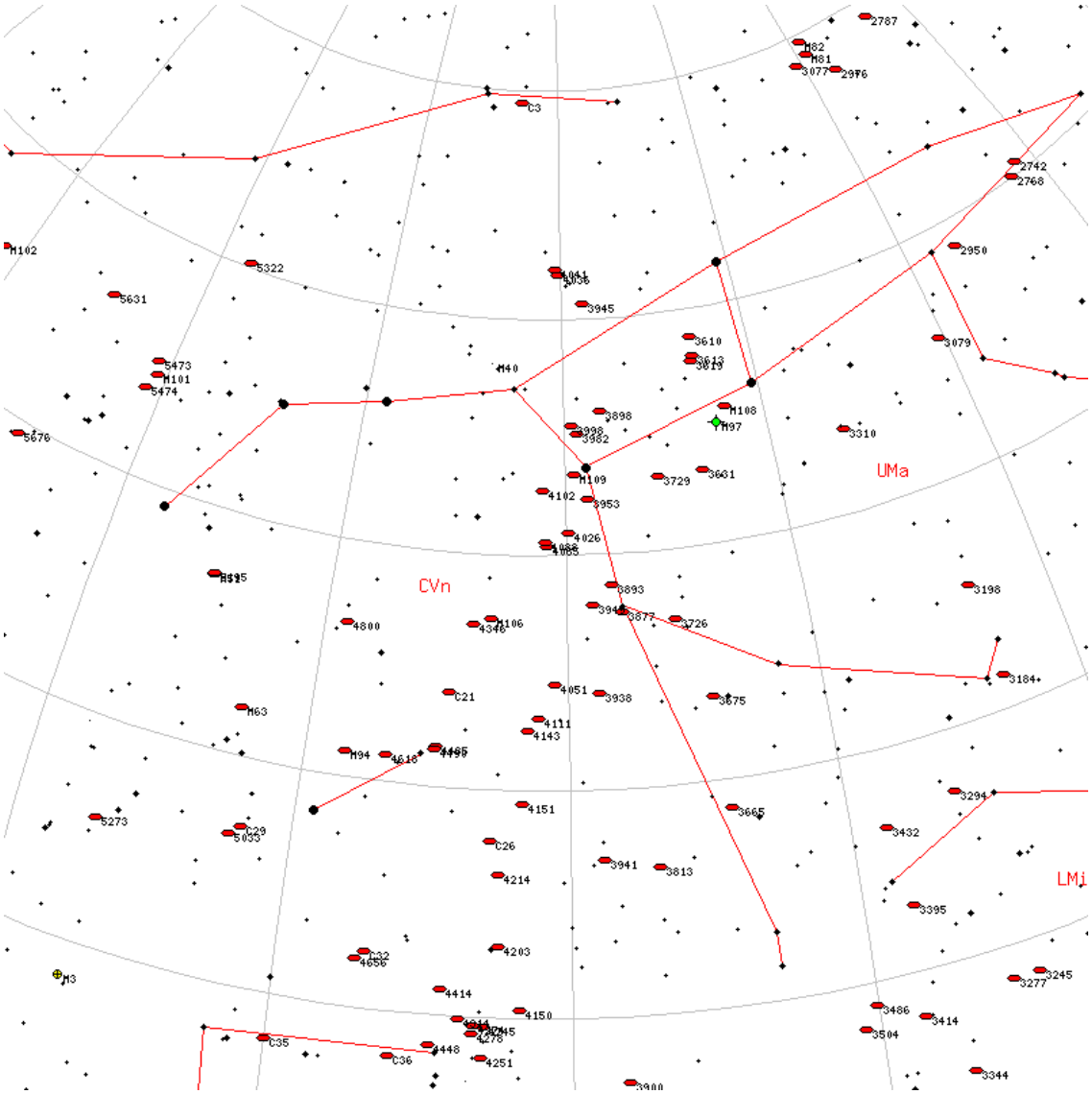
M	NGC2281	**ID**	-
Constellation	Aur	**Type**	OC
Magnitude	5.4	**Size**	15 x 15
RA	06h 49m	**Dec**	+41d 04m
Name			
Description	Cl, pRi, vIC, st pL		

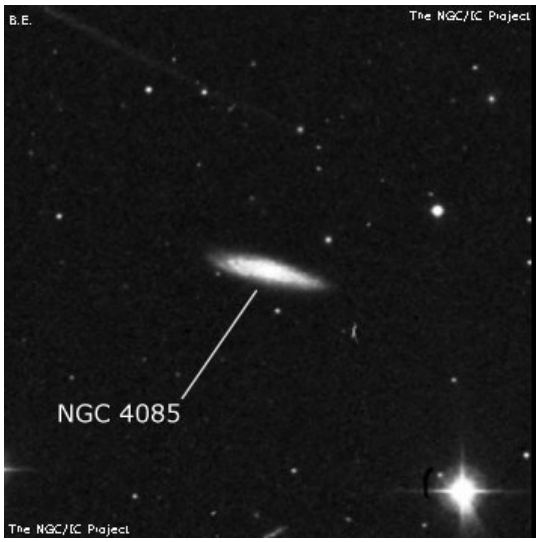




NGC4085

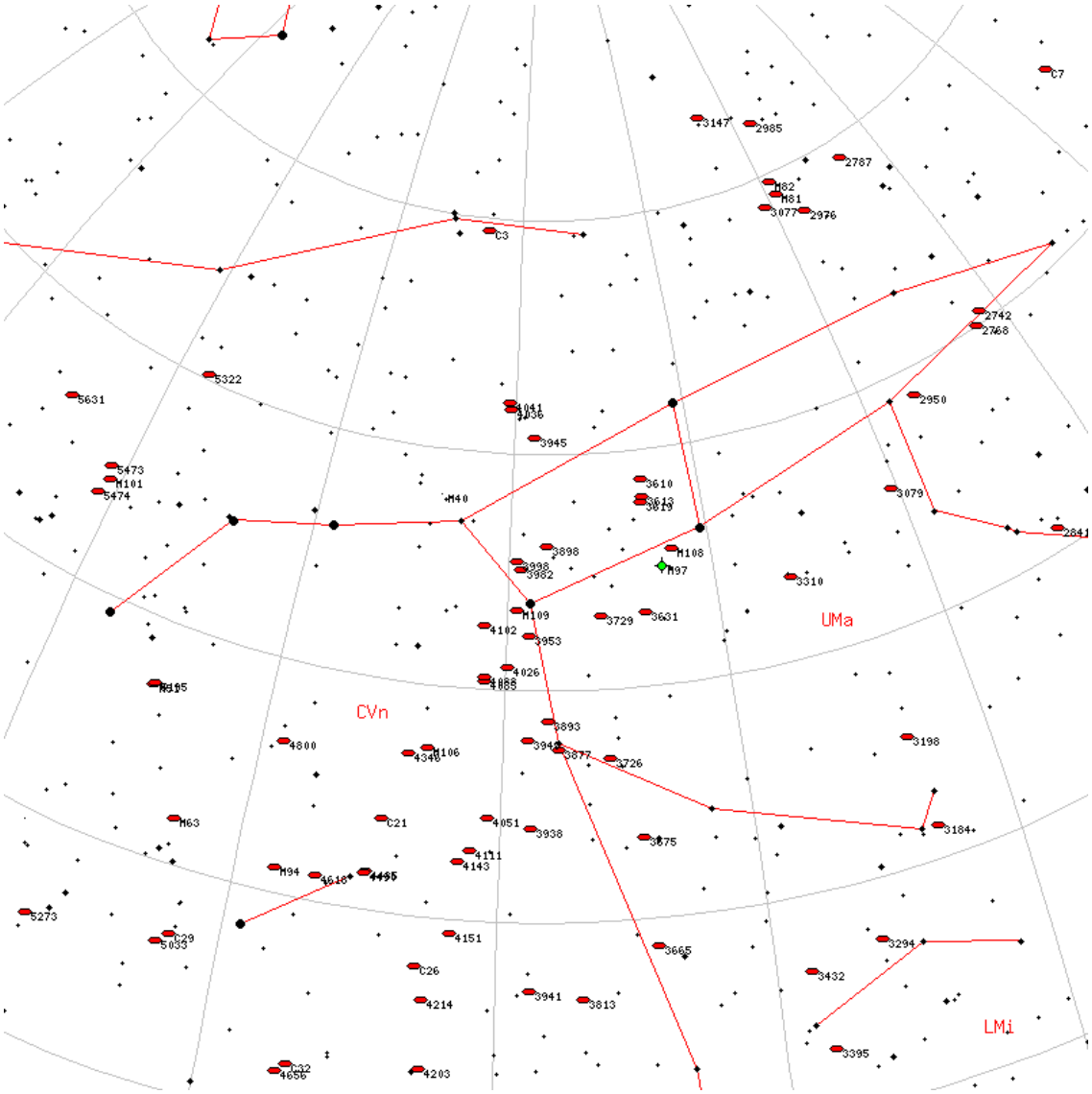
M	NGC4085	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	12.3	**Size**	1.4 x 0.4
RA	12h 05m	**Dec**	+50d 21m
Name			
Description	B, pL, pmE 78deg , vsbM		

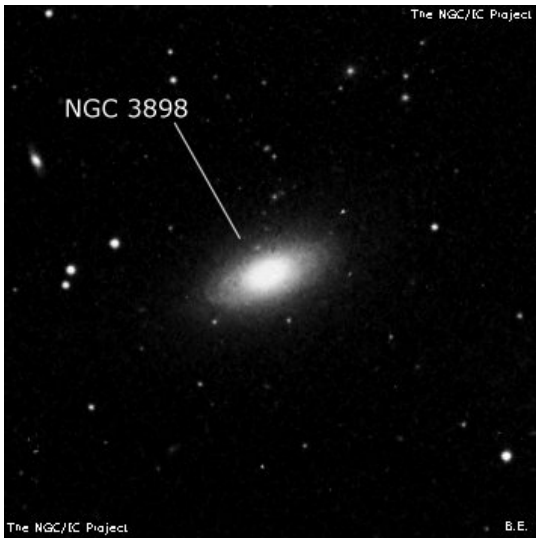




NGC3898

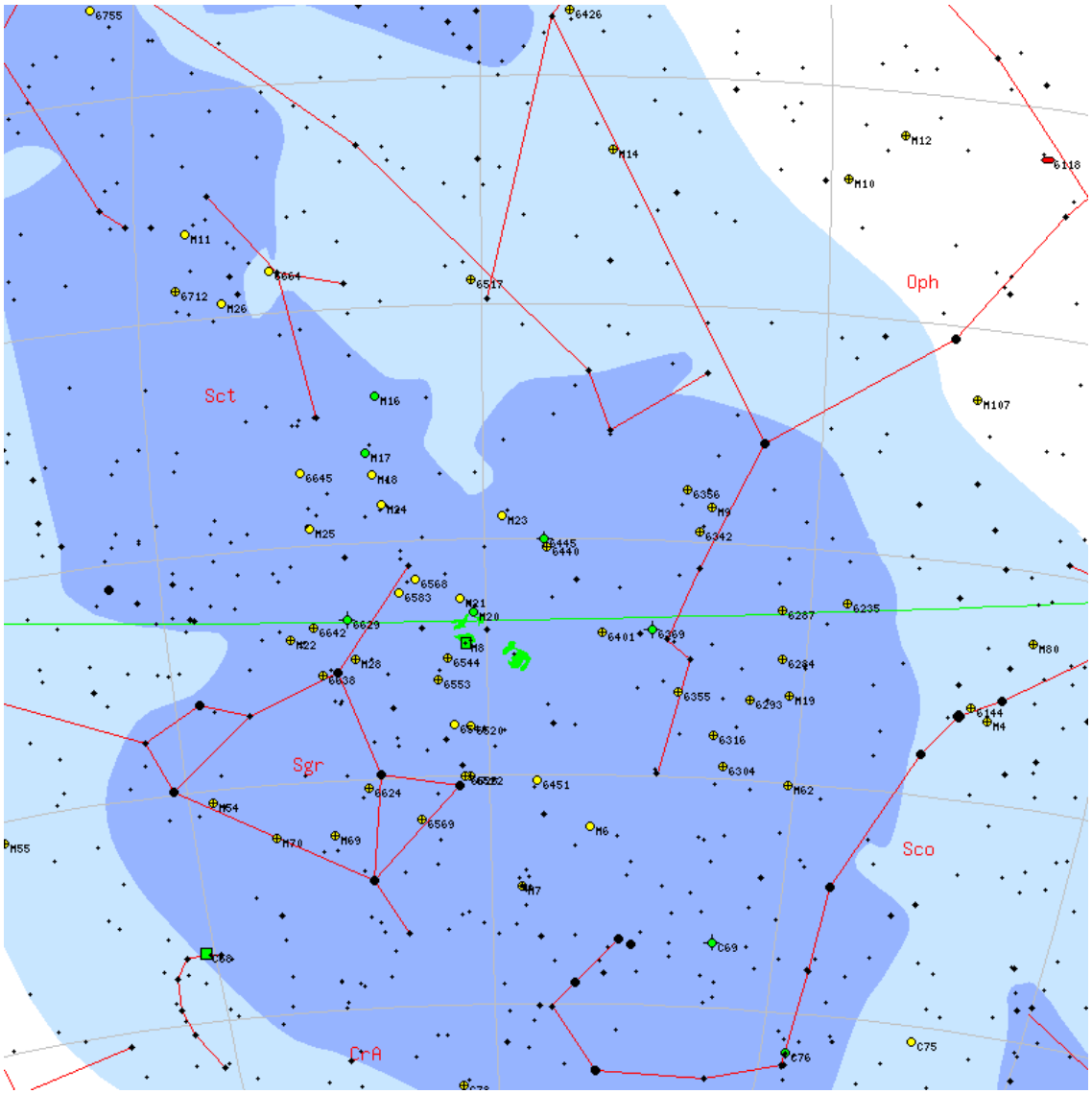
M	NGC3898	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.8	**Size**	2.2 x 1.3
RA	11h 49m	**Dec**	+56d 04m
Name			
Description	B, pL, IE, svmbM		

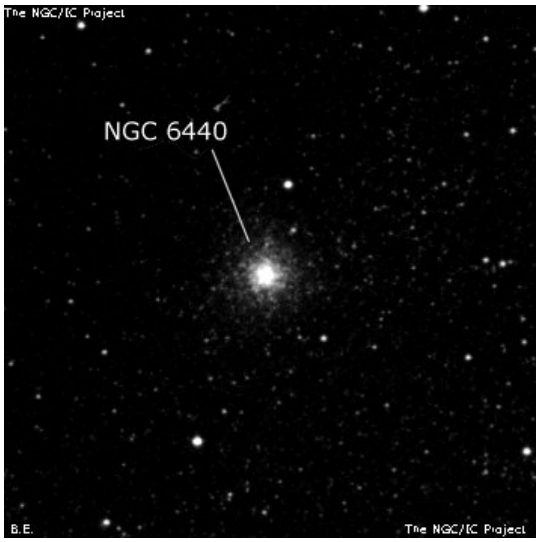




NGC6440

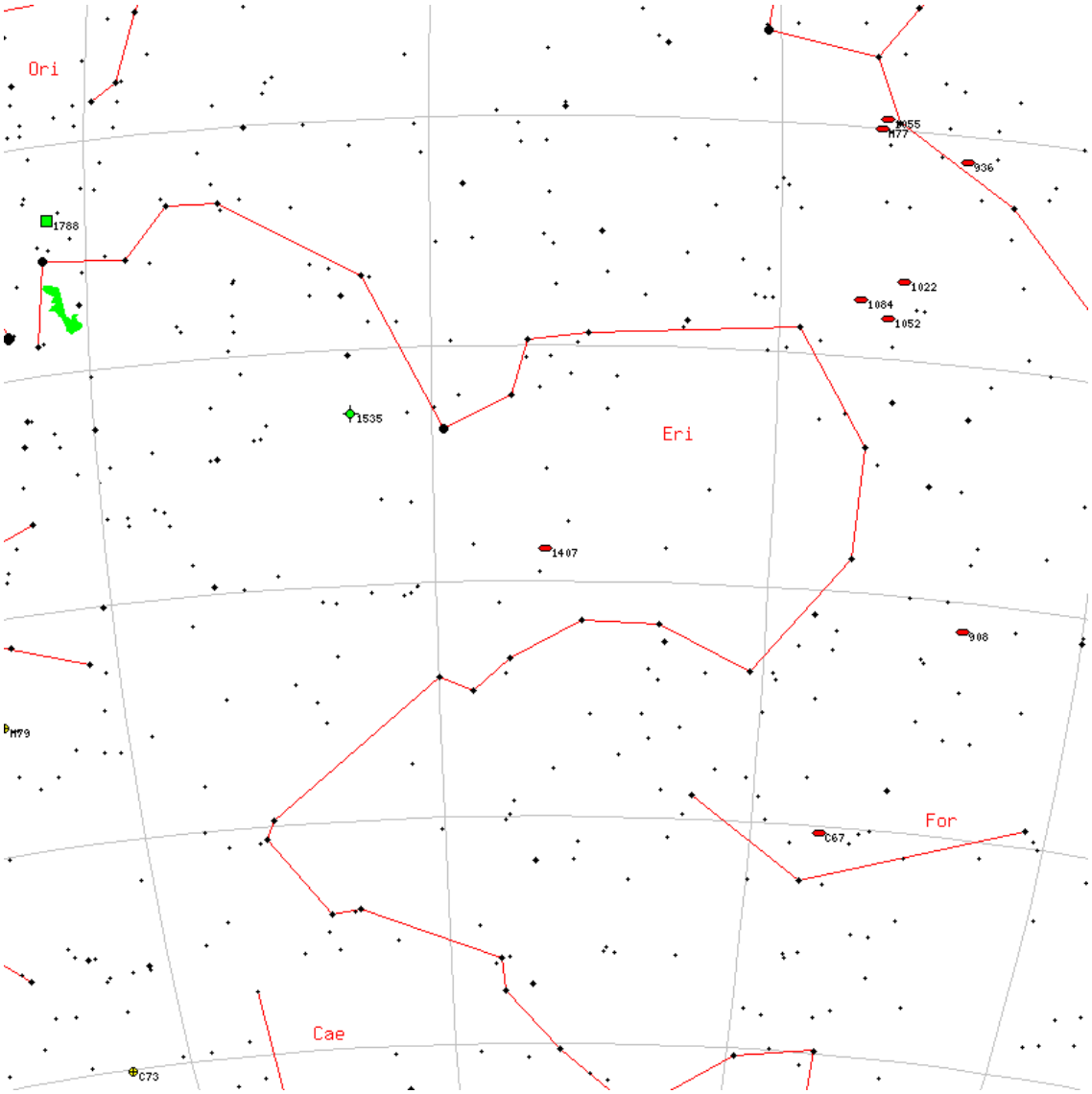
M	NGC6440	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	9.7	**Size**	5.4 x 5.4
RA	17h 48m	**Dec**	-20d 22m
Name			
Description	pB, pL, R, bM		

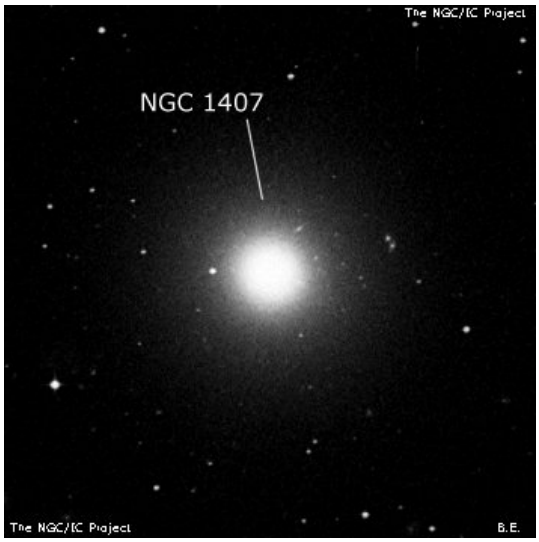




NGC1407

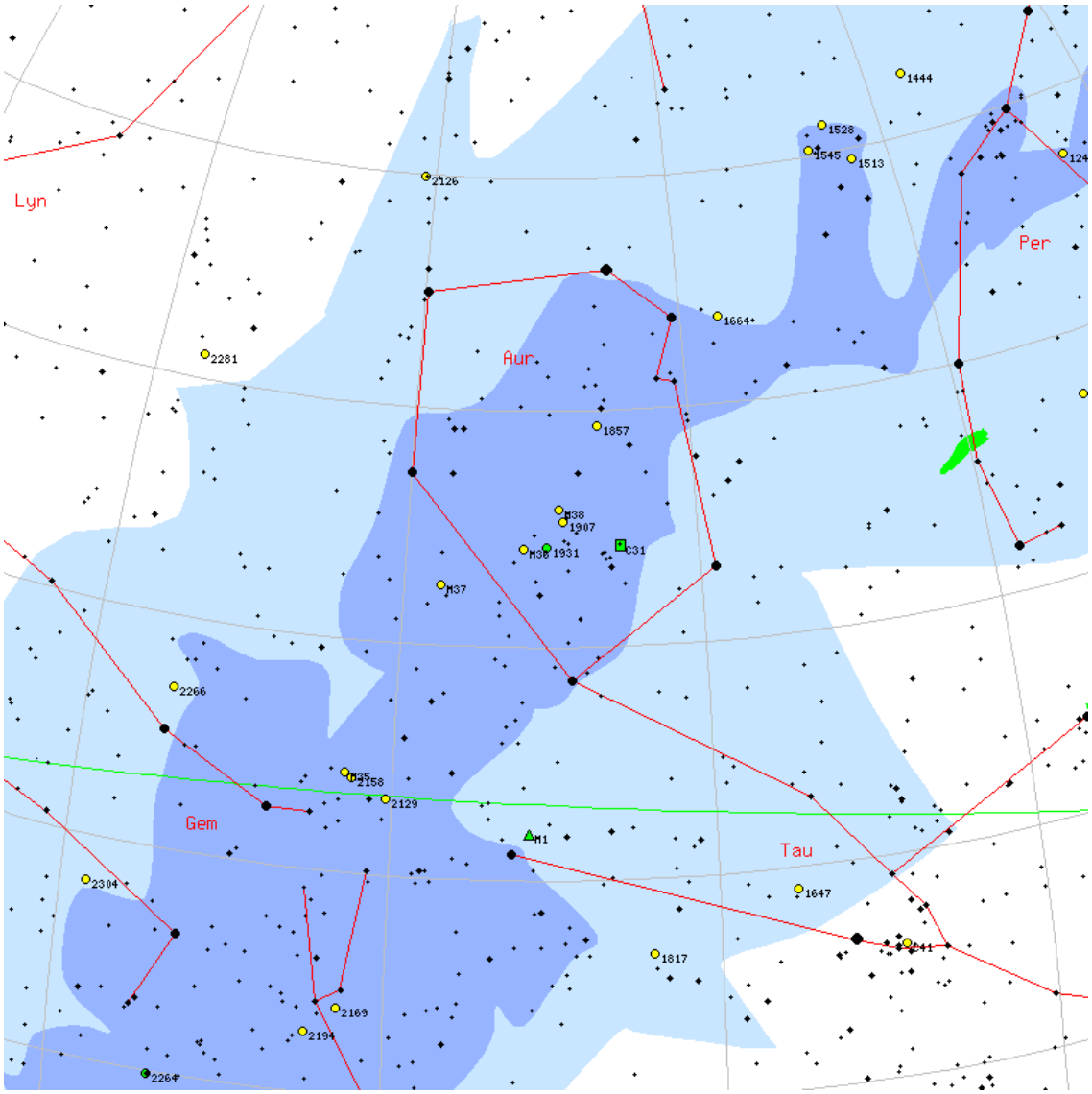
M	NGC1407	**ID**	-
Constellation	Eri	**Type**	Gx
Magnitude	9.8	**Size**	2.3 x 2.1
RA	03h 40m	**Dec**	-18d 34m
Name			
Description	vB, L, R, svmbMN		

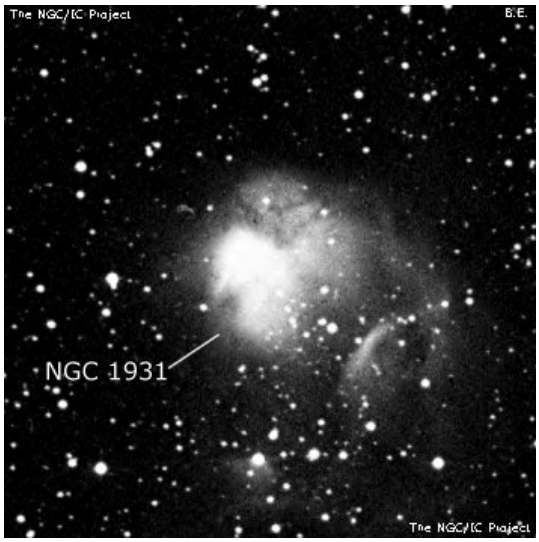




NGC1931

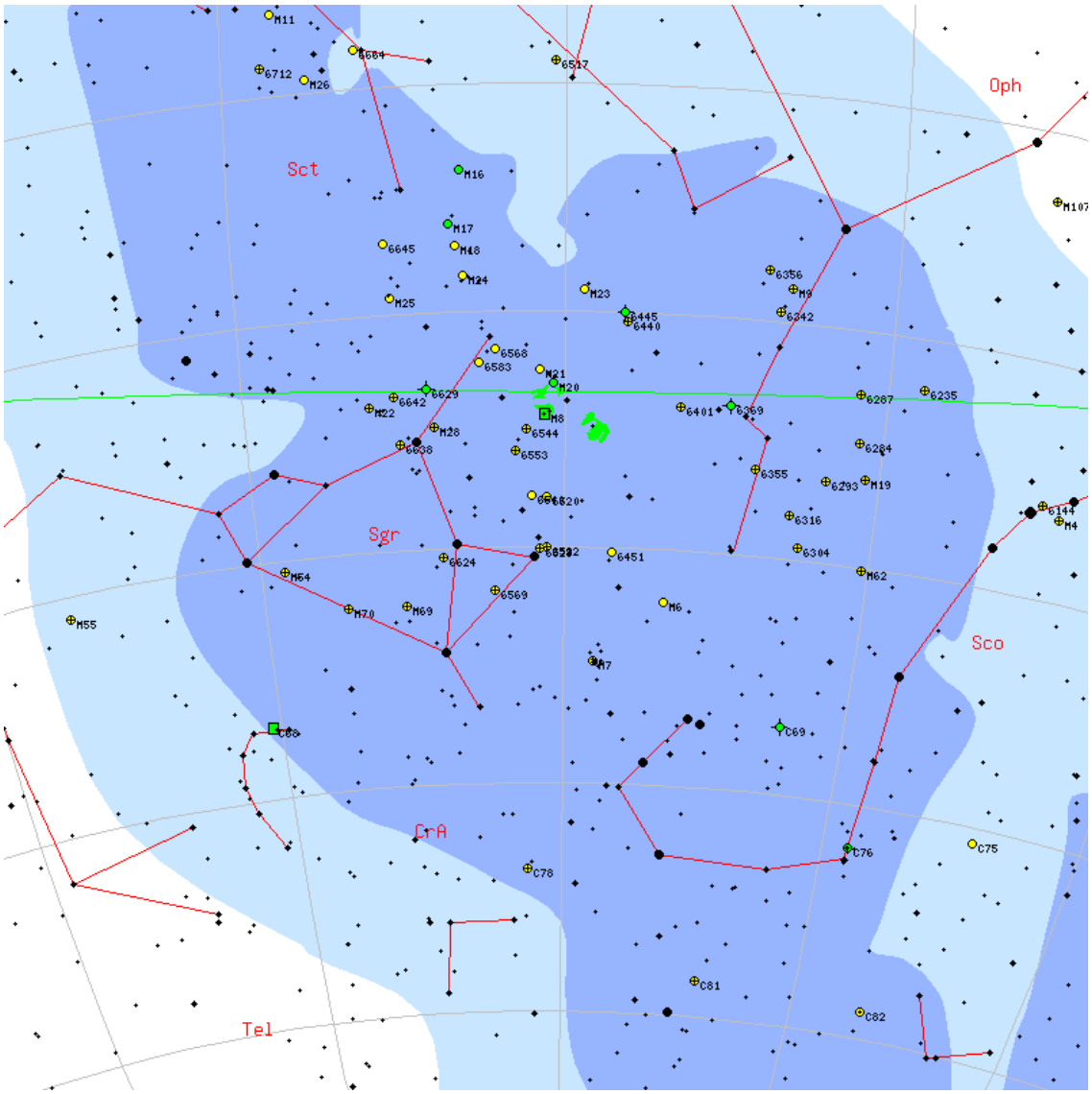
M	NGC1931	**ID**	-
Constellation	Aur	**Type**	CN
Magnitude	11.3	**Size**	3 x 3
RA	05h 31m	**Dec**	+34d 15m
Name			
Description	vB, L, R, B*** in M		





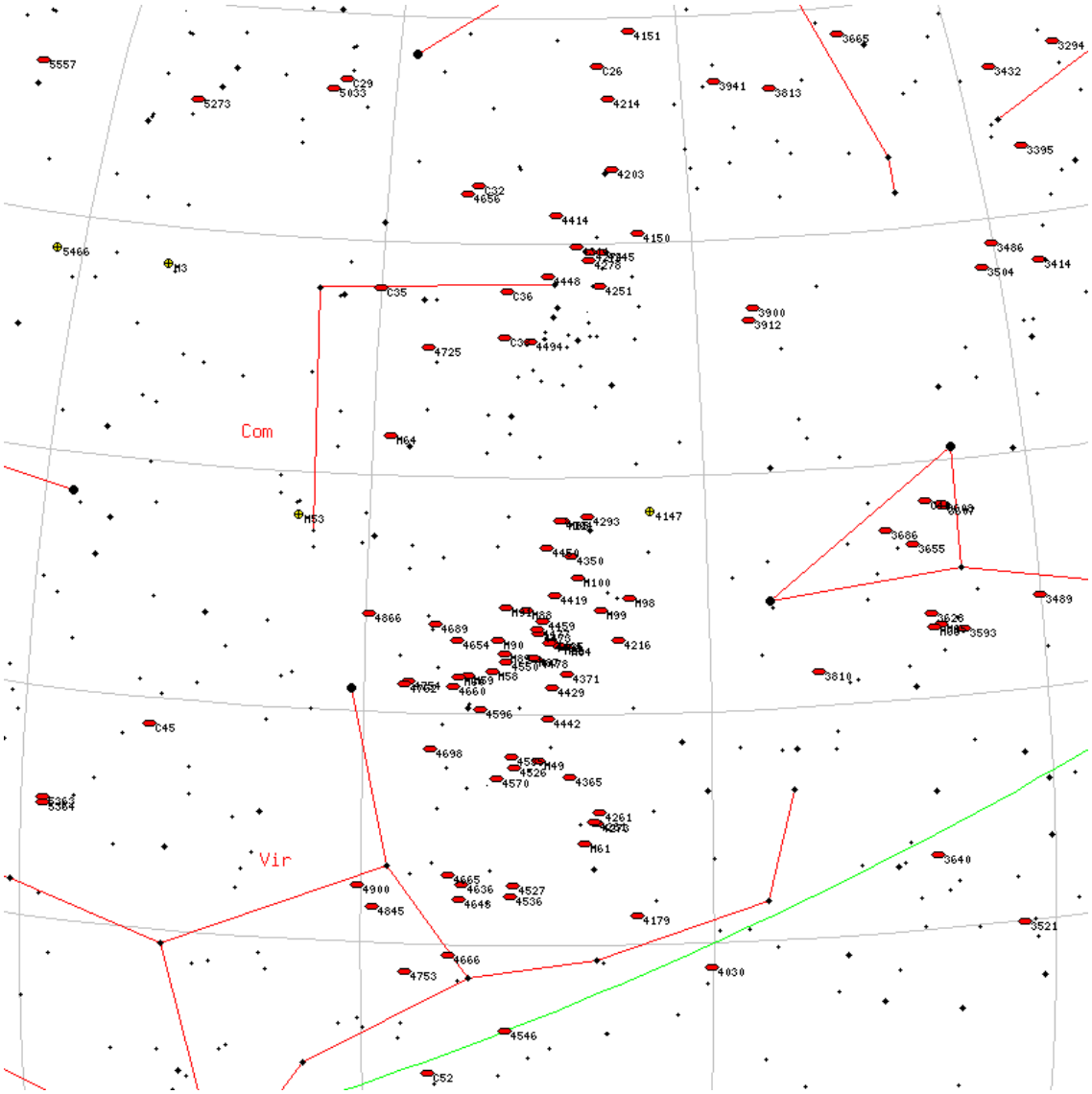
NGC6522

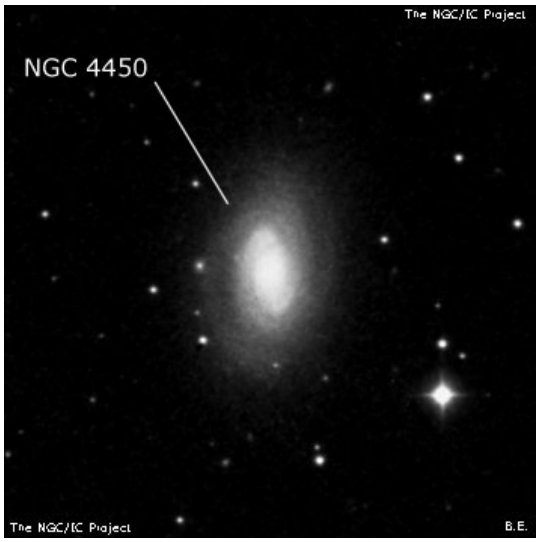
M	NGC6522	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	8.6	**Size**	5.6 x 5.6
RA	18h 03m	**Dec**	-30d 01m
Name			
Description	glob. cl. , B, pL, R, gvmbM, rrr, st 16		



NGC4450

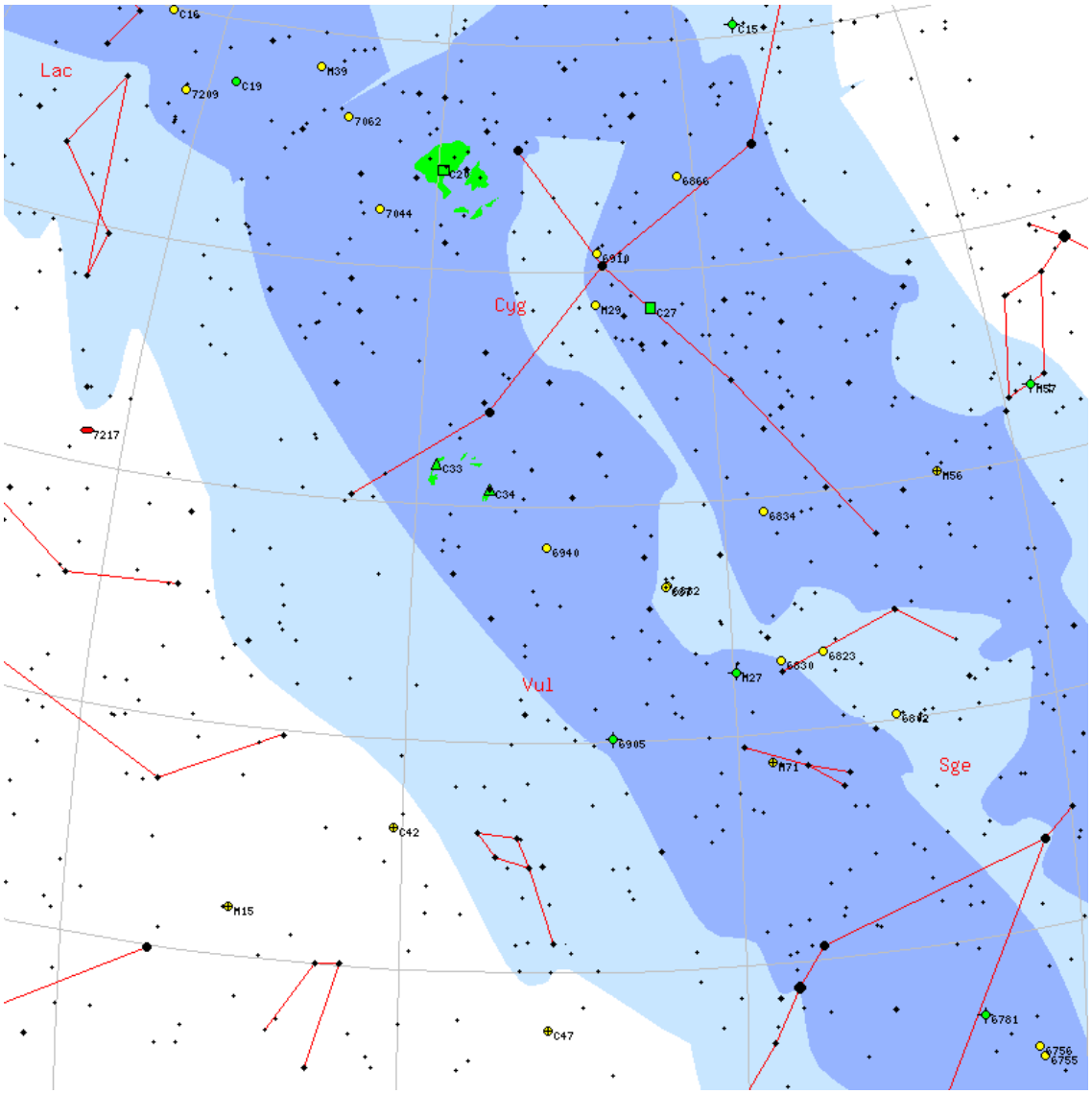
M	NGC4450	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.1	**Size**	2.6 x 2
RA	12h 28m	**Dec**	+17d 04m
Name			
Description	B, L, R, gvmbM *, r, B* sp		

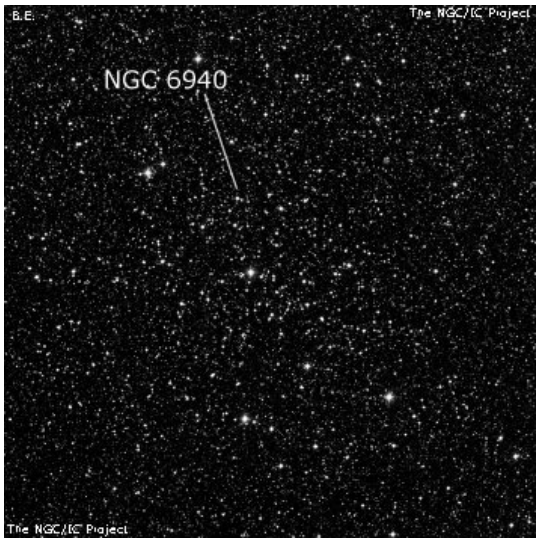




NGC6940

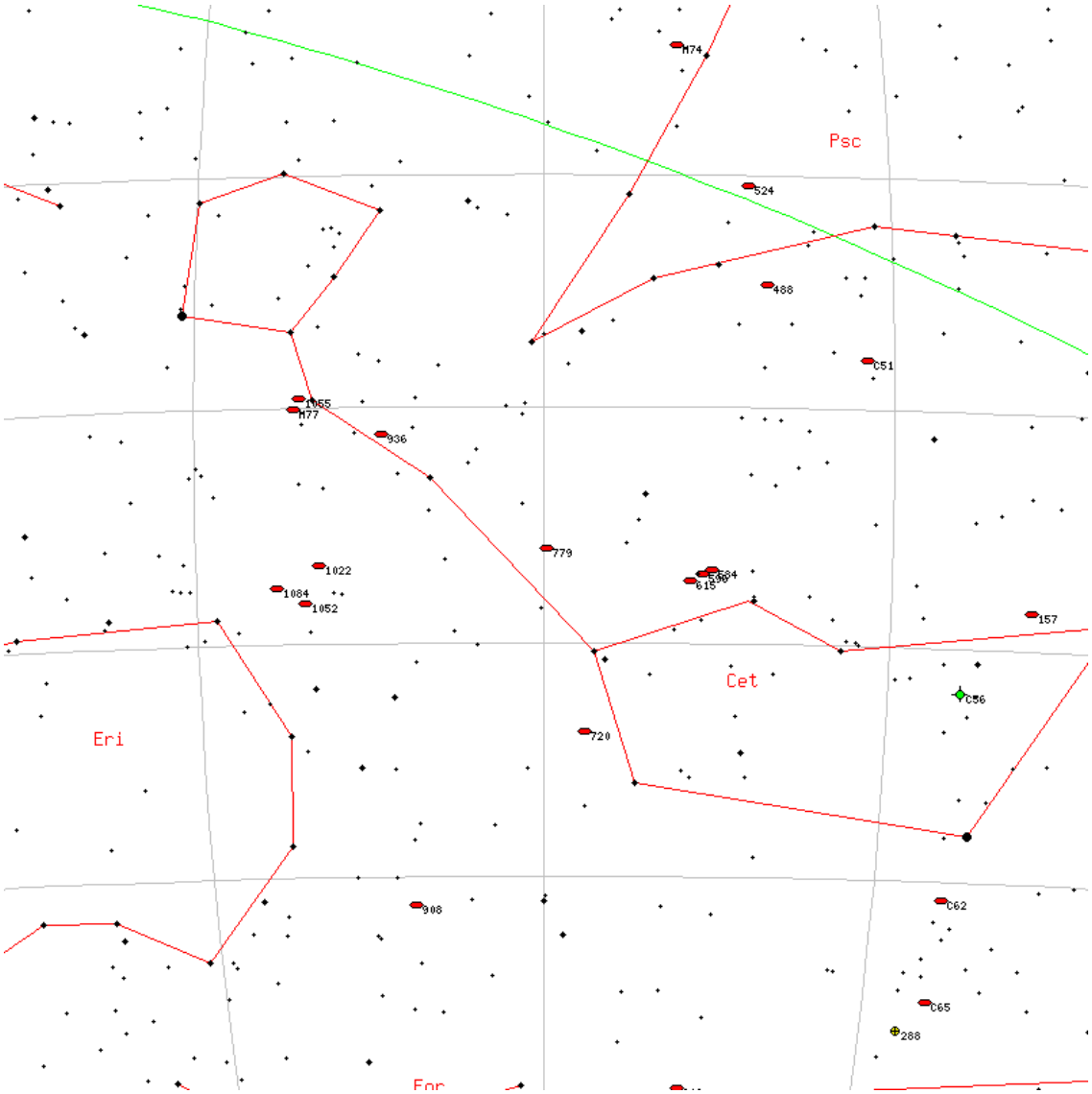
M	NGC6940	**ID**	-
Constellation	Vul	**Type**	OC
Magnitude	6.3	**Size**	31 x 31
RA	20h 34m	**Dec**	+28d 18m
Name			
Description	Cl, vB, vL, vRi, cC, st pL		





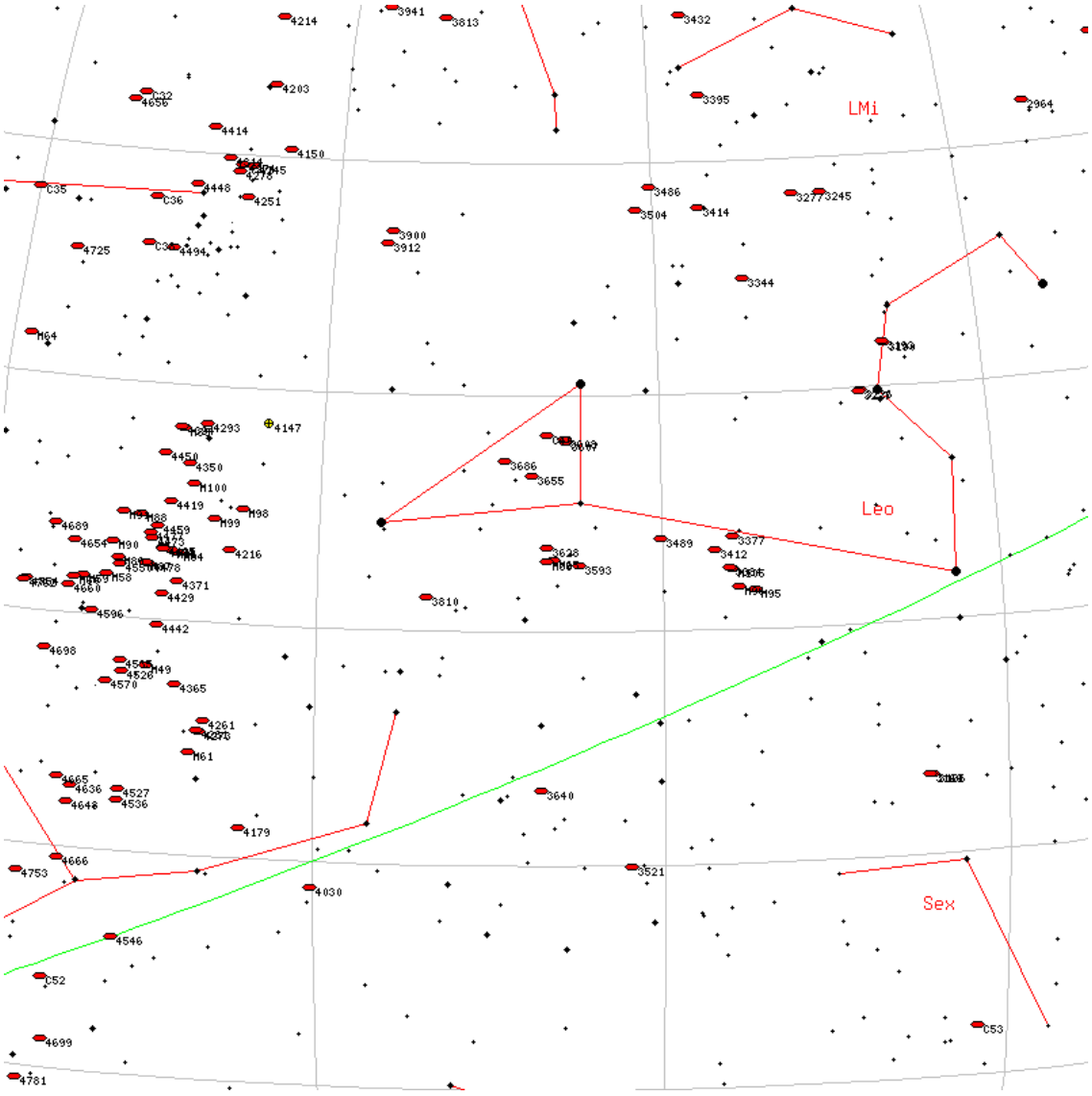
NGC779

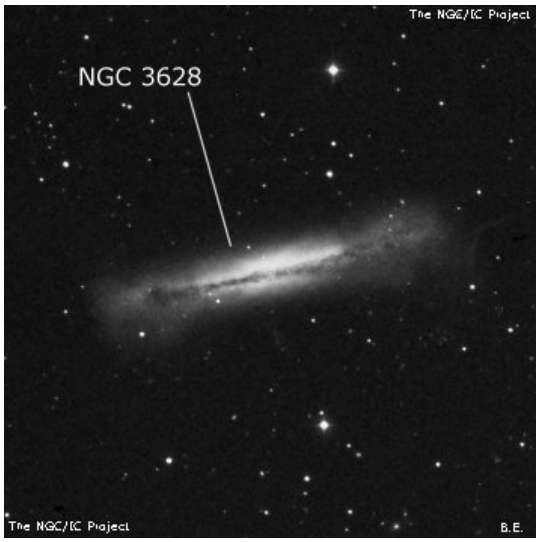
M	NGC779	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	11	**Size**	2 x 0.6
RA	02h 00m	**Dec**	-05d 58m
Name			
Description	cB, L, mE 162deg , mbM		



NGC3628

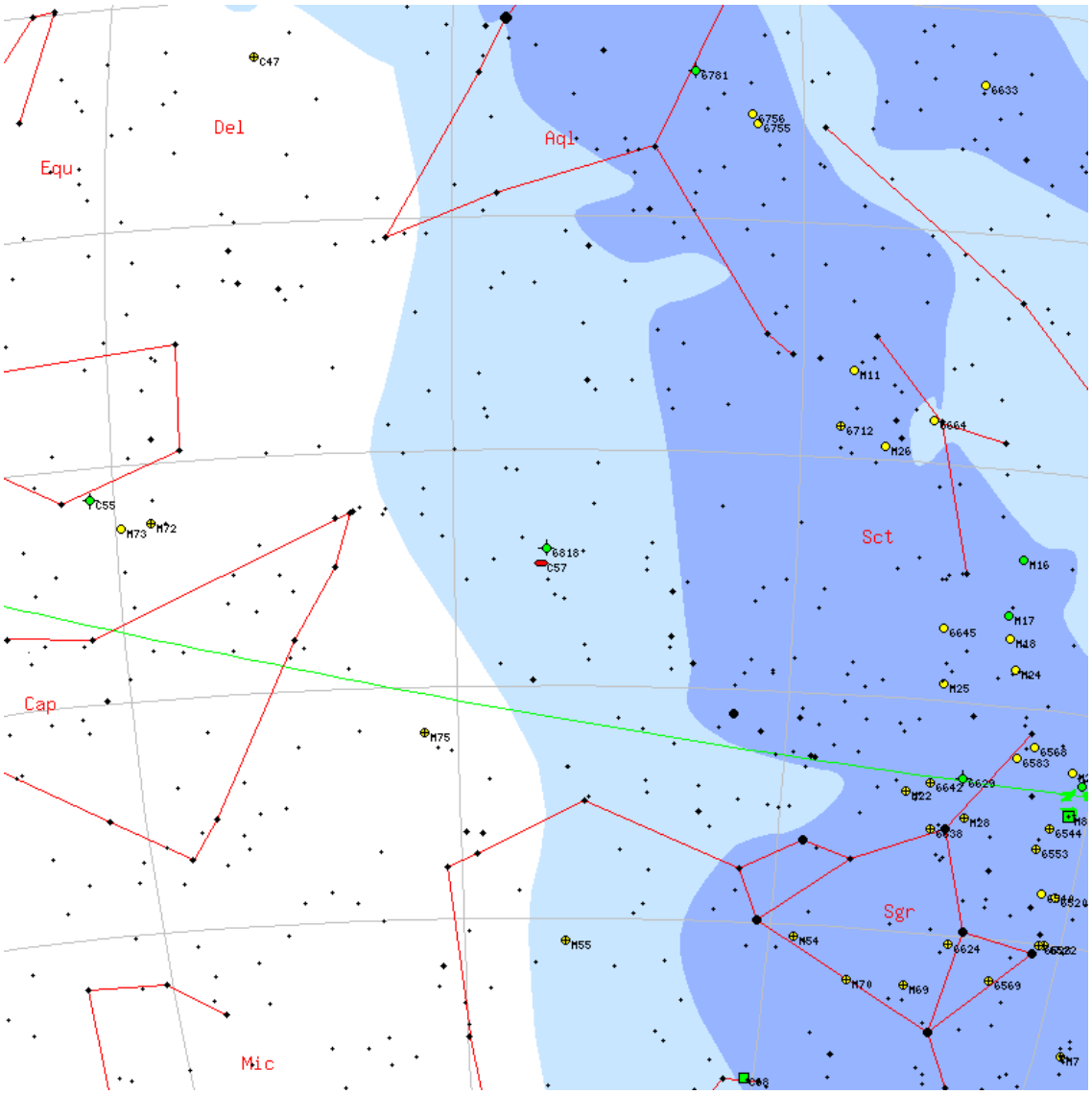
M	NGC3628	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	9.5	**Size**	7.4 x 1.5
RA	11h 20m	**Dec**	+13d 35m
Name	Leo Triplet		
Description	pB, vL, vmE 102deg		

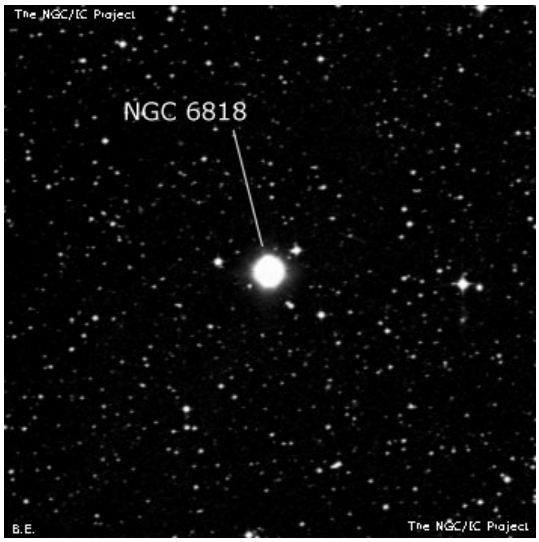




NGC6818

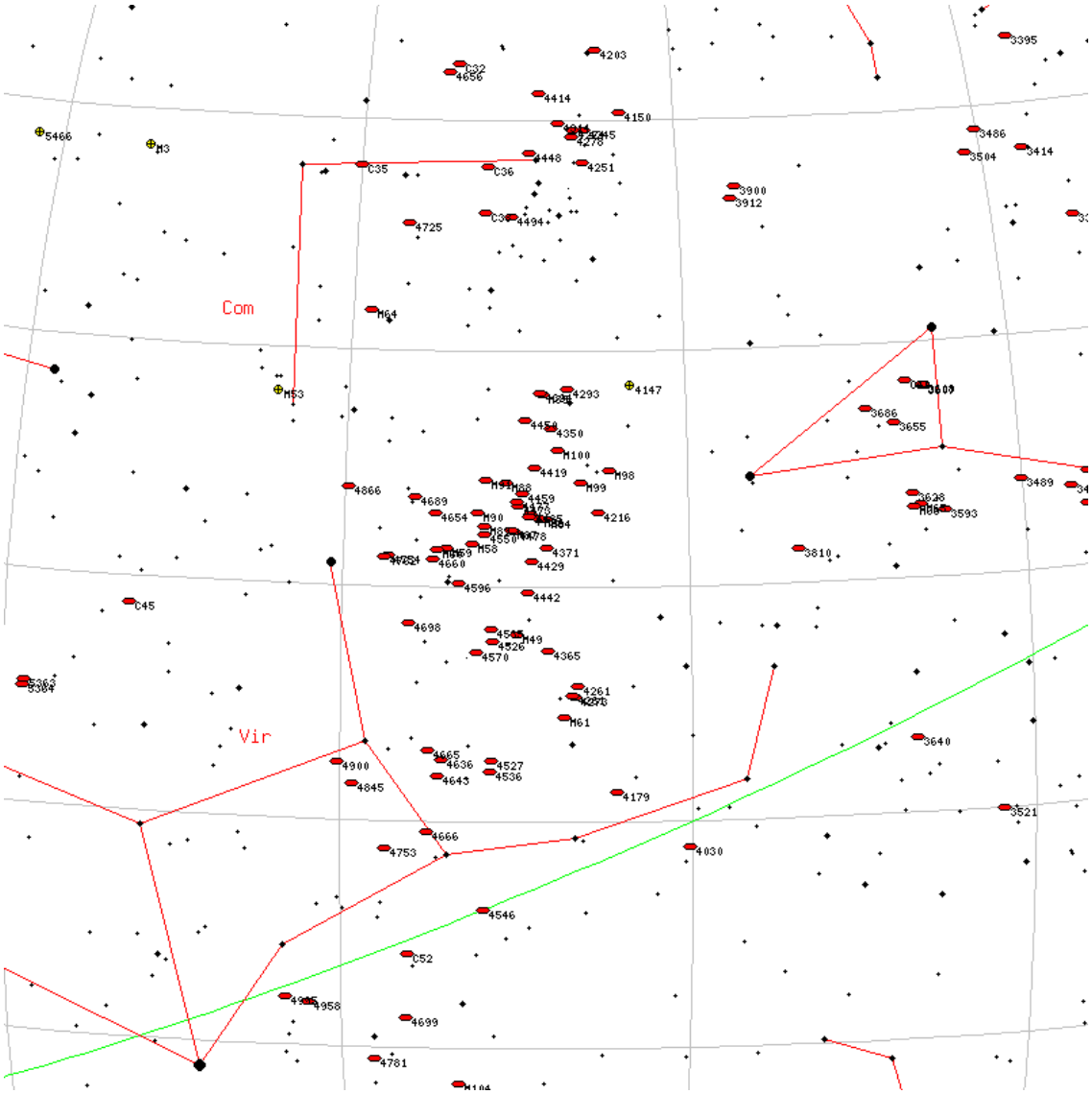
M	NGC6818	**ID**	-
Constellation	Sgr	**Type**	Pl
Magnitude	10	**Size**	0.3 x 0.3
RA	19h 43m	**Dec**	-14d 09m
Name	Little Gem		
Description	PN , B, vS, R		

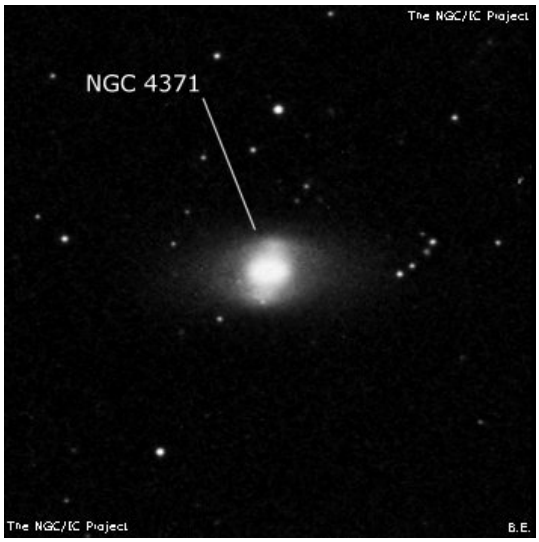




NGC4371

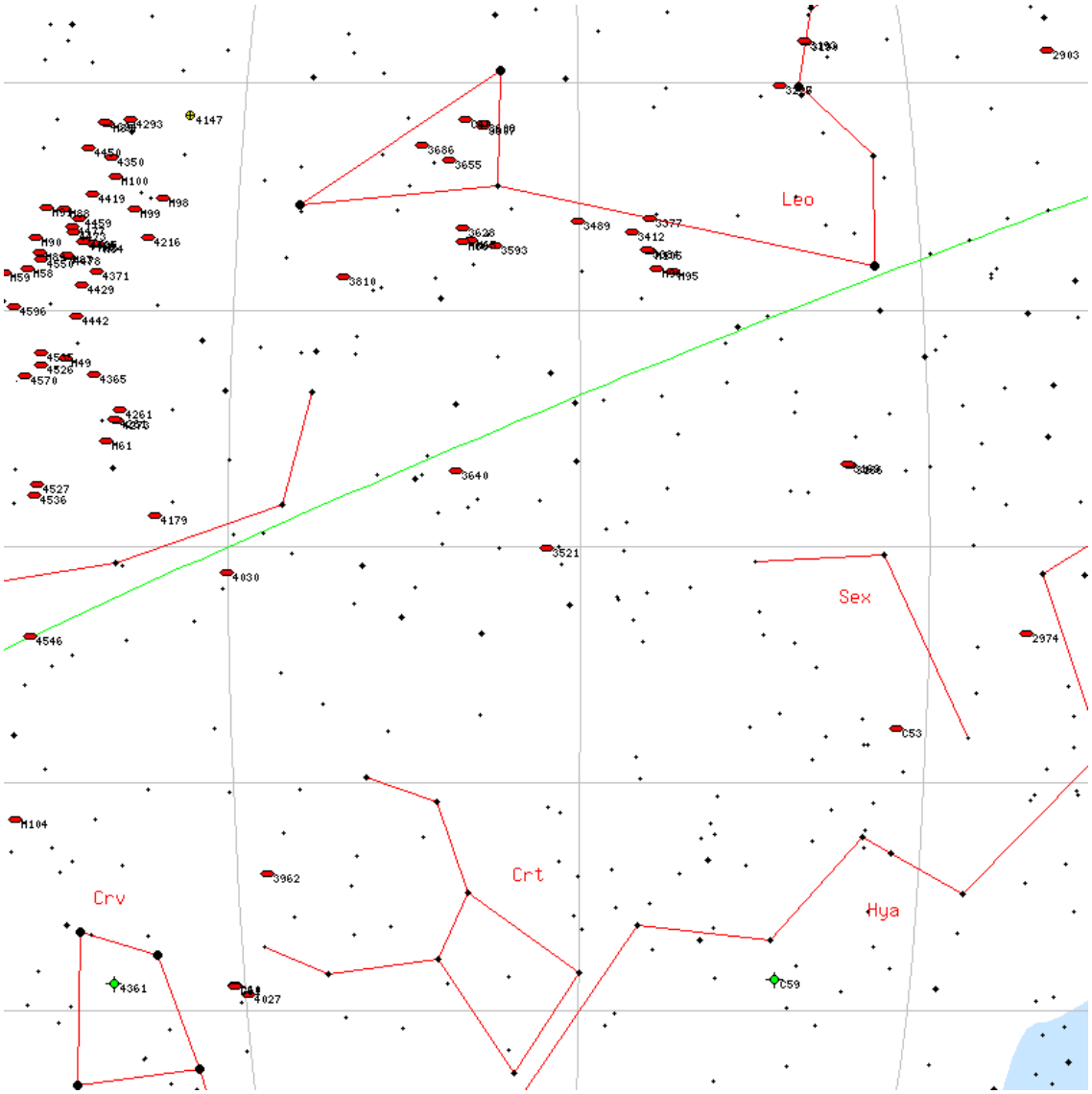
M	NGC4371	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.8	**Size**	2 x 1.1
RA	12h 24m	**Dec**	+11d 41m
Name			
Description	B, pS, R, gbM		

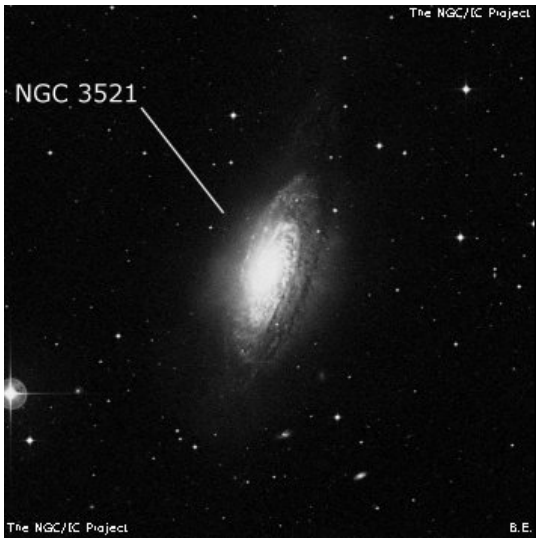




NGC3521

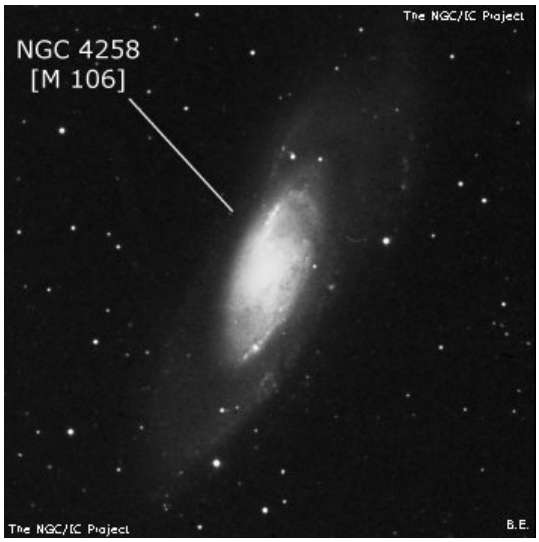
M	NGC3521	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	8.9	**Size**	5.5 x 2.6
RA	11h 05m	**Dec**	-00d 01m
Name			
Description	cB, cL, mE 140deg +/- , vsmbMN		





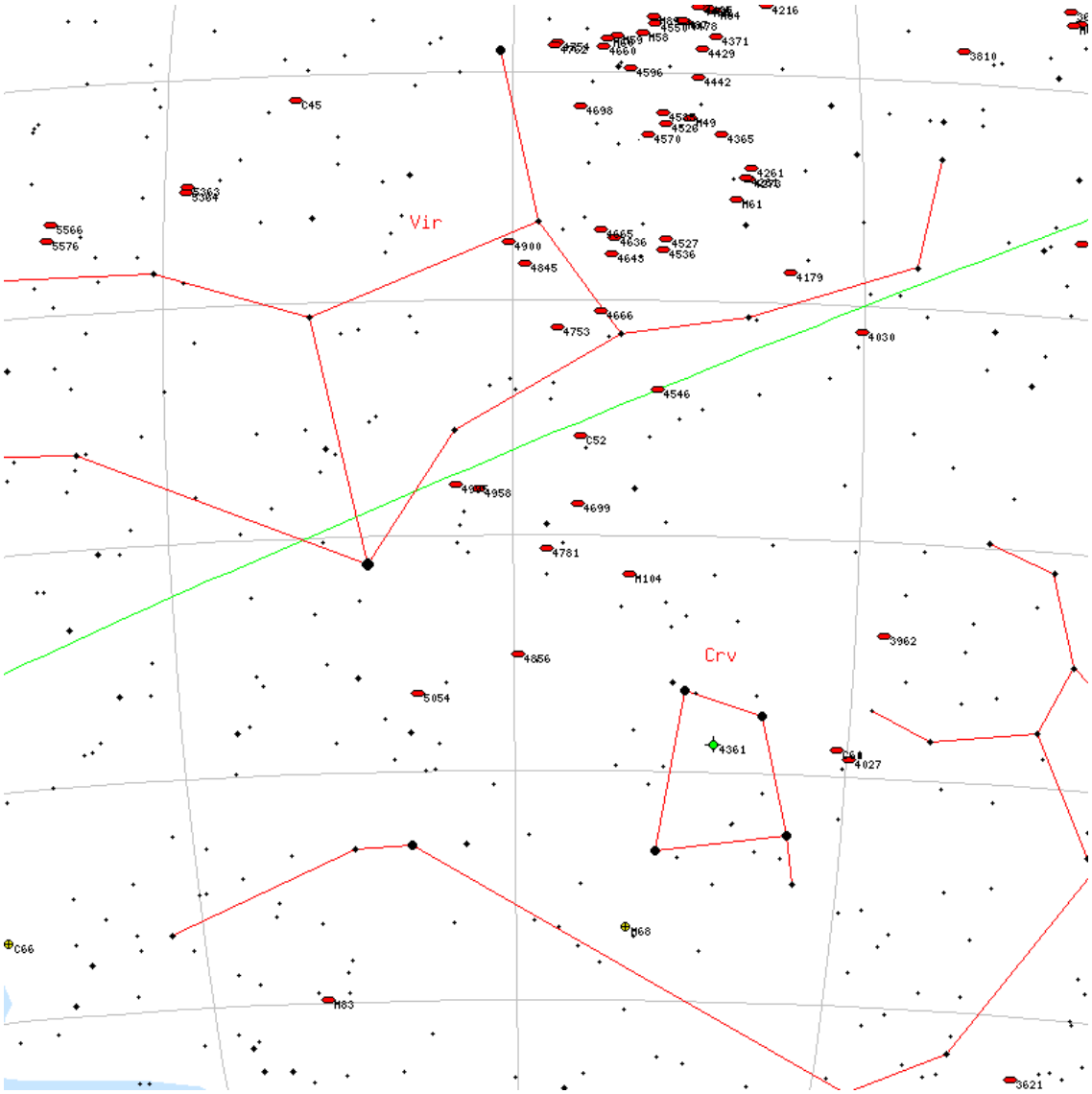
NGC4258

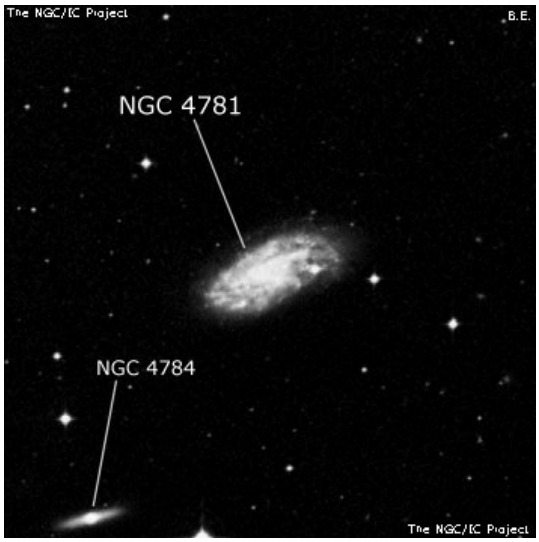
M	NGC4258	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	8.3	**Size**	9.3 x 3.6
RA	12h 19m	**Dec**	+47d 17m
Name			
Description	vB, vL, vmE 0deg , sbMBN		



NGC4781

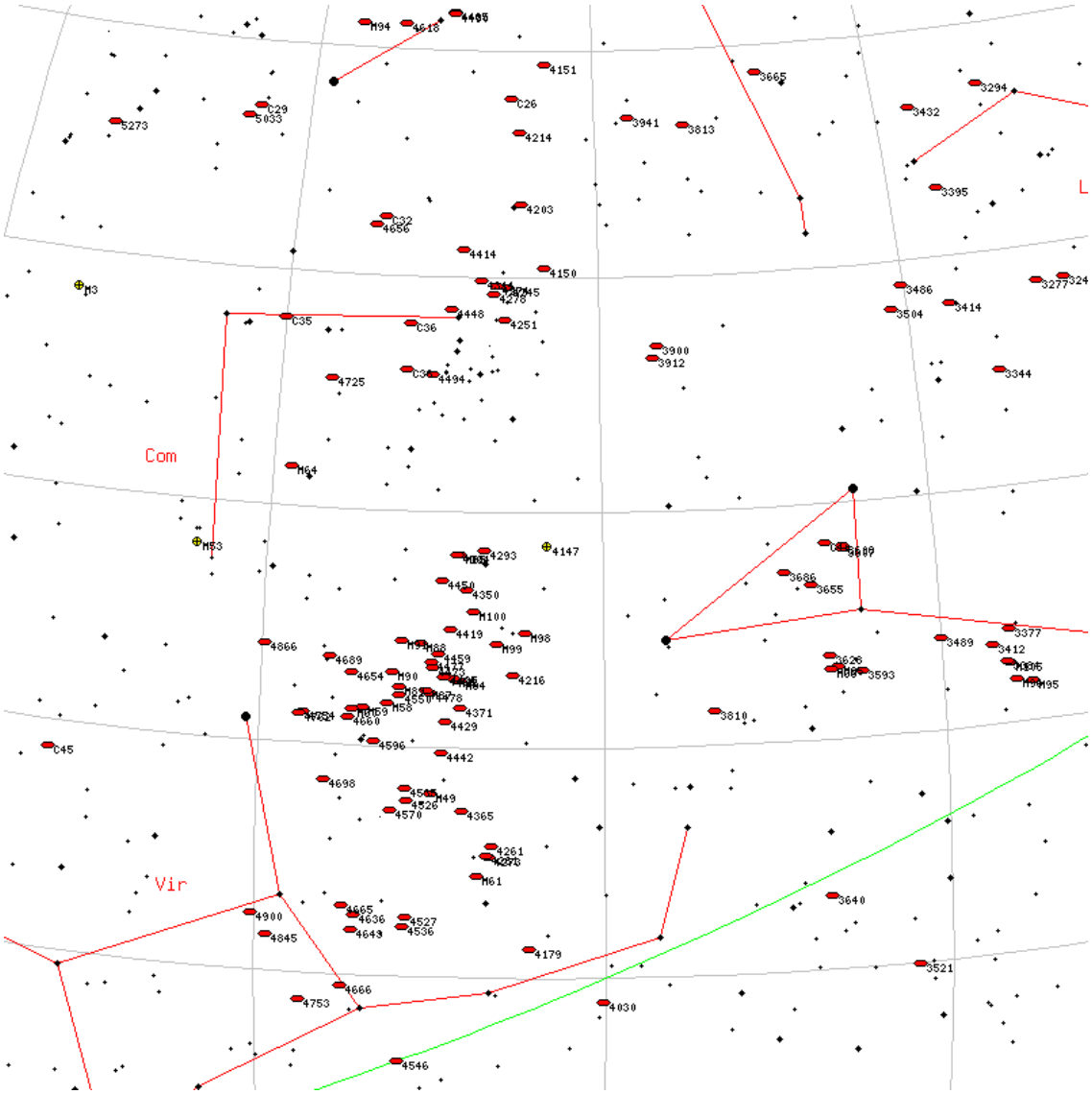
M	NGC4781	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	12	**Size**	1.7 x 0.8
RA	12h 54m	**Dec**	-10d 31m
Name			
Description	cB, vL, mE		

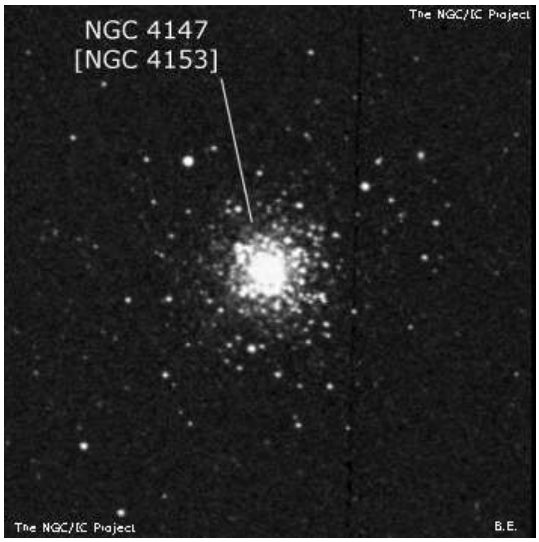




NGC4147

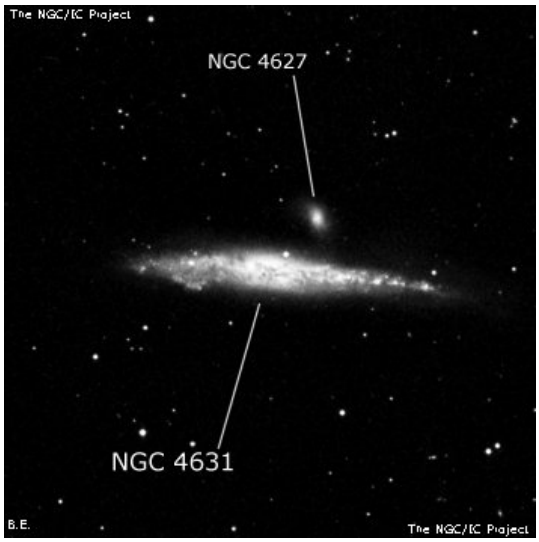
M	NGC4147	**ID**	-
Constellation	Com	**Type**	Gb
Magnitude	10.3	**Size**	4 x 4
RA	12h 10m	**Dec**	+18d 33m
Name			
Description	glob. cl. , vB, pL, R, gbM, rrr		





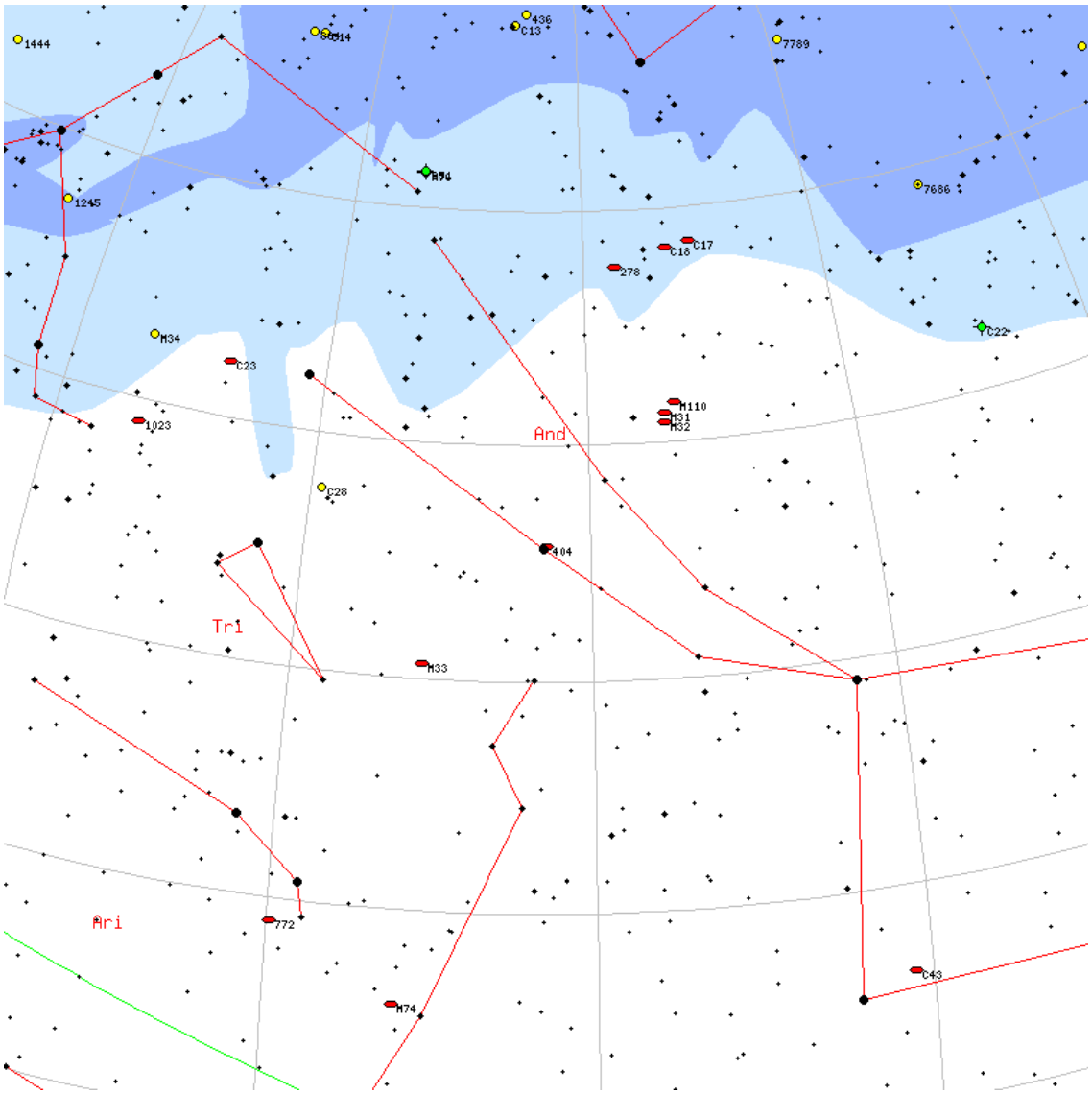
NGC4631

M	NGC4631	**ID**	-
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		



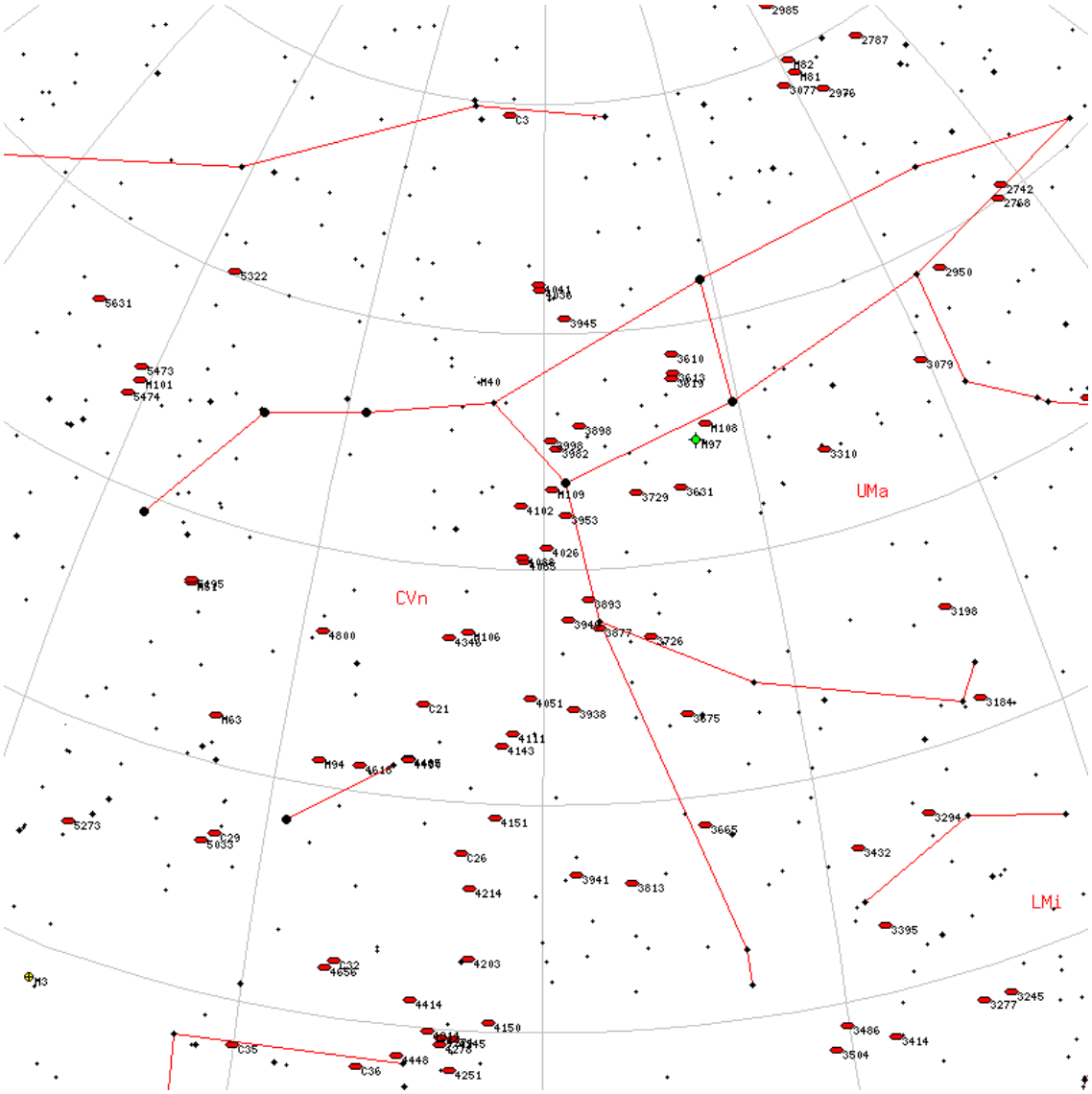
NGC404

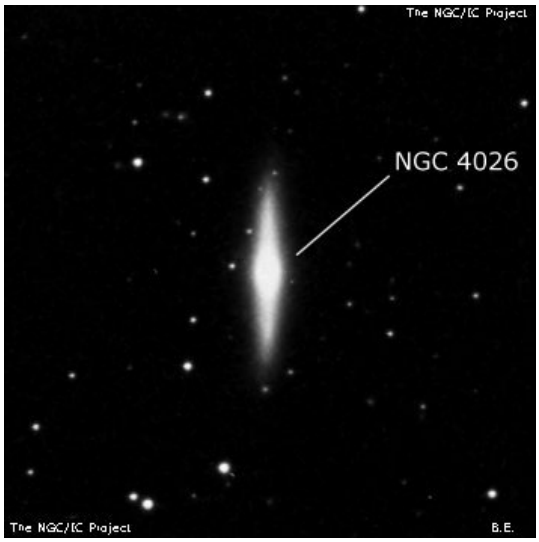
M	NGC404	**ID**	-
Constellation	And	**Type**	Gx
Magnitude	10.1	**Size**	4.4 x 4.4
RA	01h 09m	**Dec**	+35d 43m
Name			
Description	pB, cL, R, gbM, beta And sf		



NGC4026

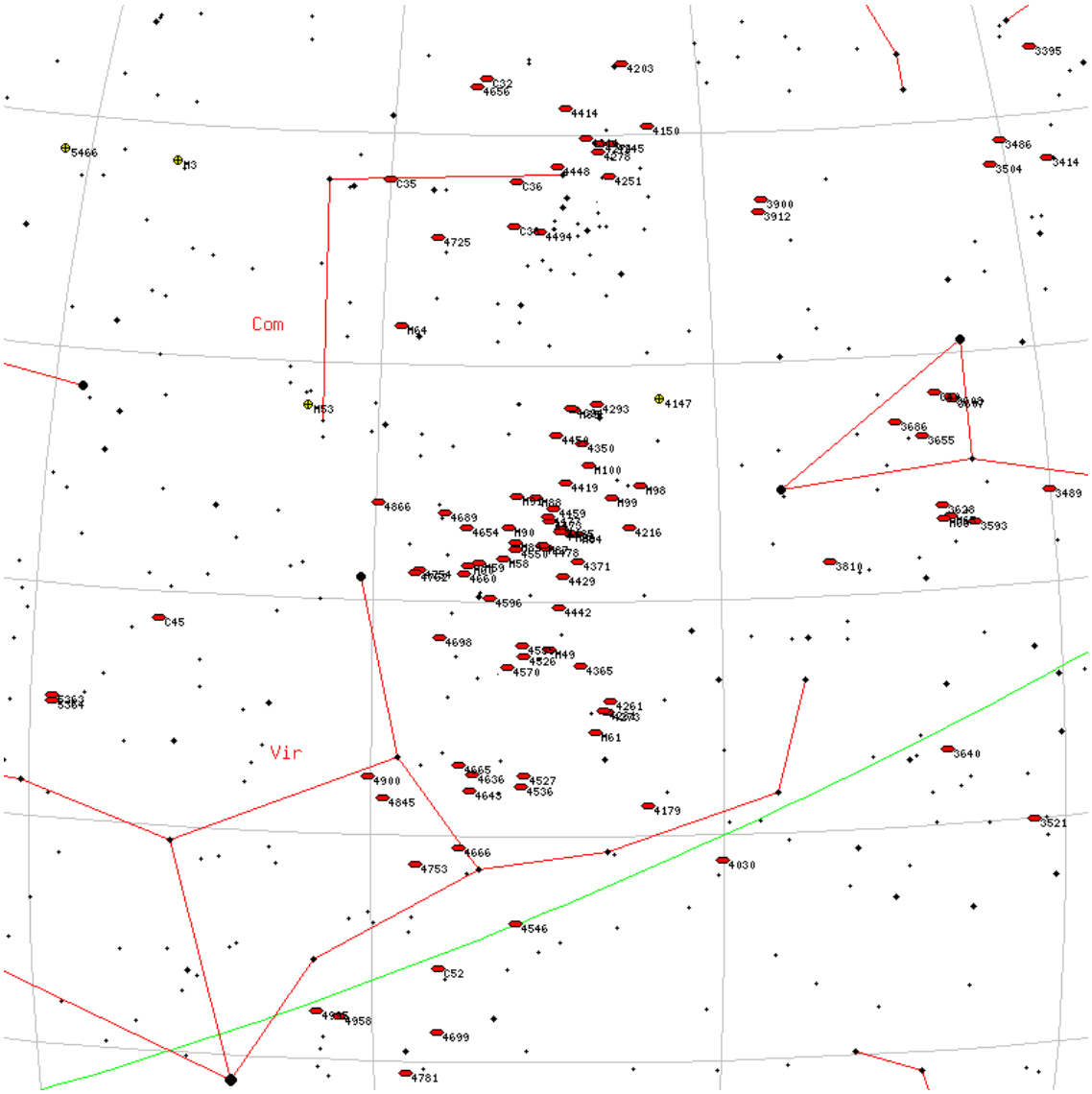
M	NGC4026	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	12	**Size**	2.6 x 0.6
RA	11h 59m	**Dec**	+50d 58m
Name			
Description	vB, cL, mE 176deg , vsvmbMBN		

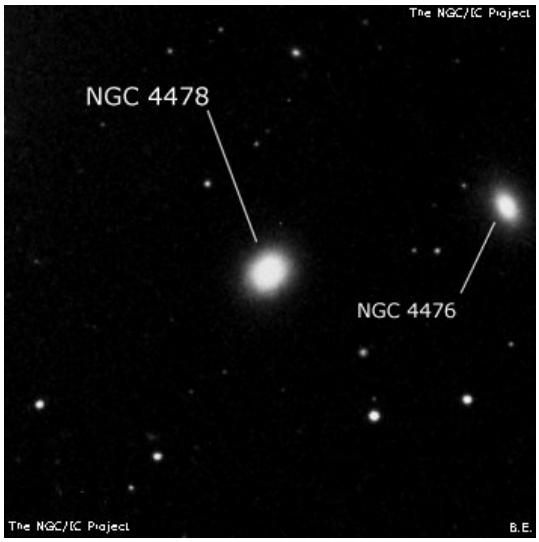




NGC4478

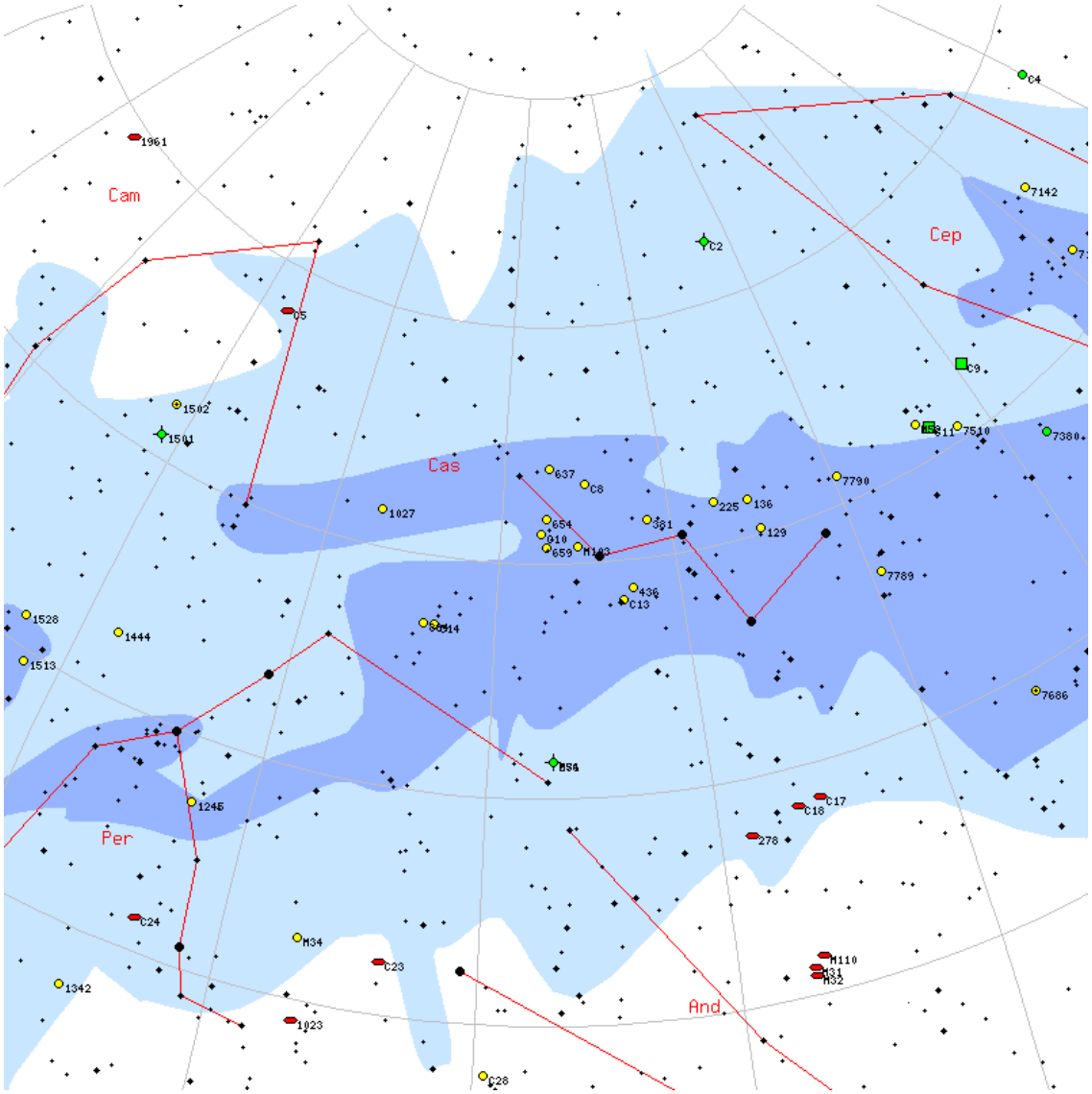
M	NGC4478	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11.2	**Size**	0.9 x 0.8
RA	12h 30m	**Dec**	+12d 19m
Name			
Description	pB, S, R, psbM, 2nd of 3		





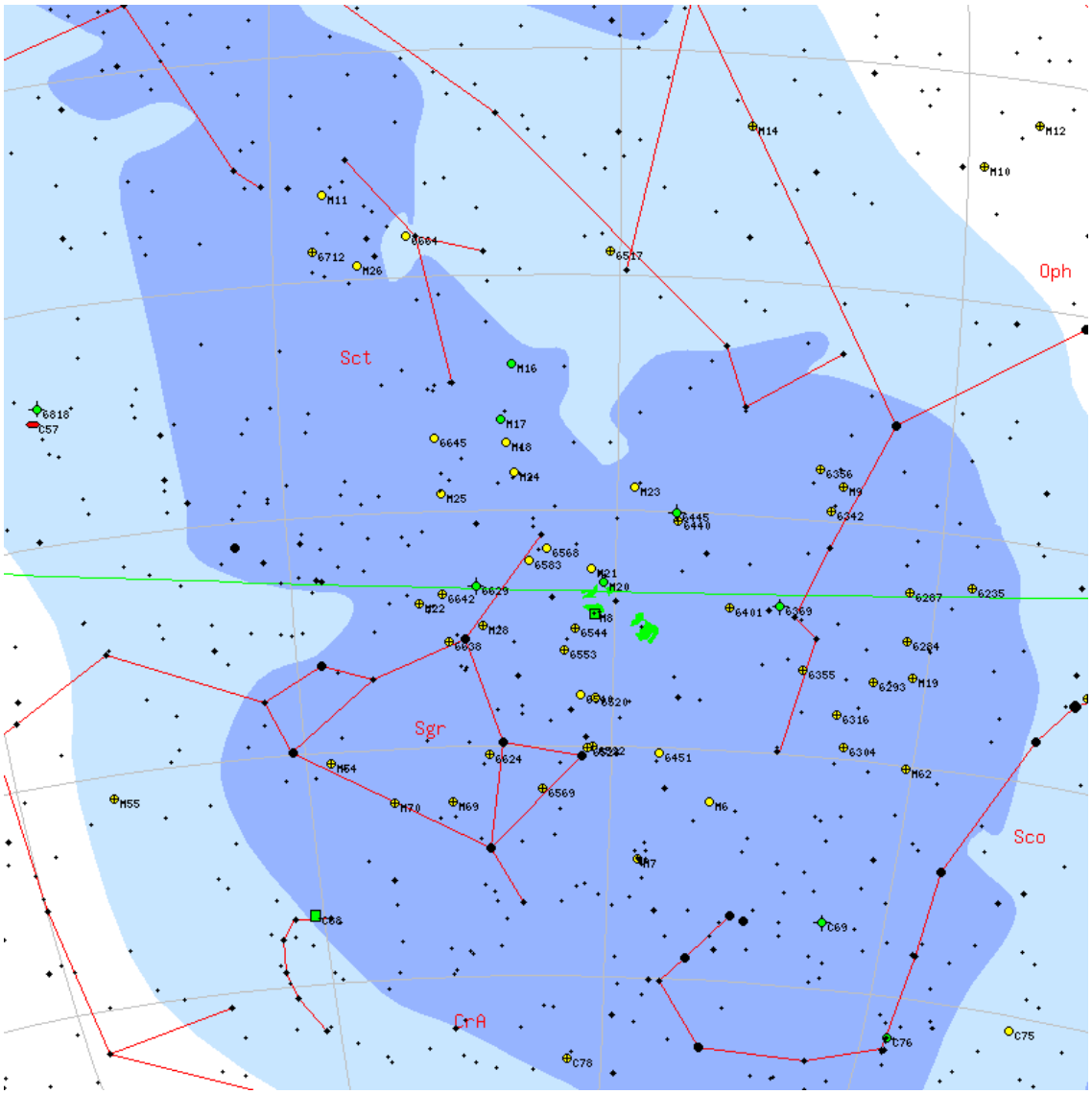
NGC659

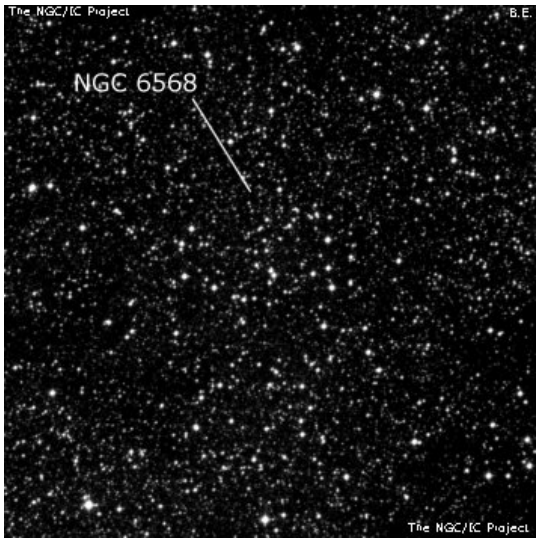
M	NGC659	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	7.9	**Size**	5 x 5
RA	01h 44m	**Dec**	+60d 42m
Name			
Description	Cl, IRi, st B		



NGC6568

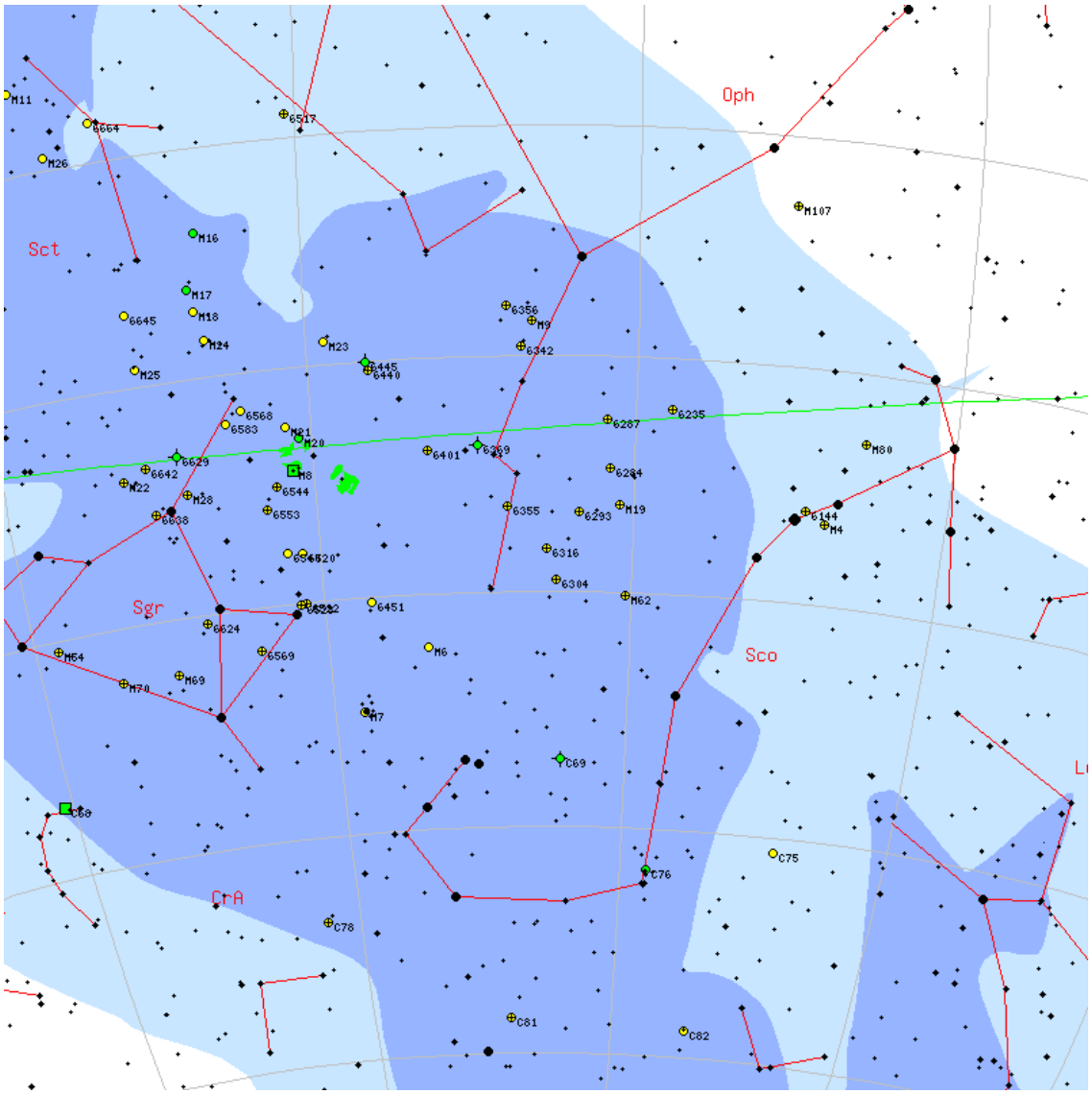
M	NGC6568	**ID**	-
Constellation	Sgr	**Type**	OC
Magnitude	9	**Size**	13 x 13
RA	18h 12m	**Dec**	-21d 36m
Name			
Description	Cl, vL, IC		





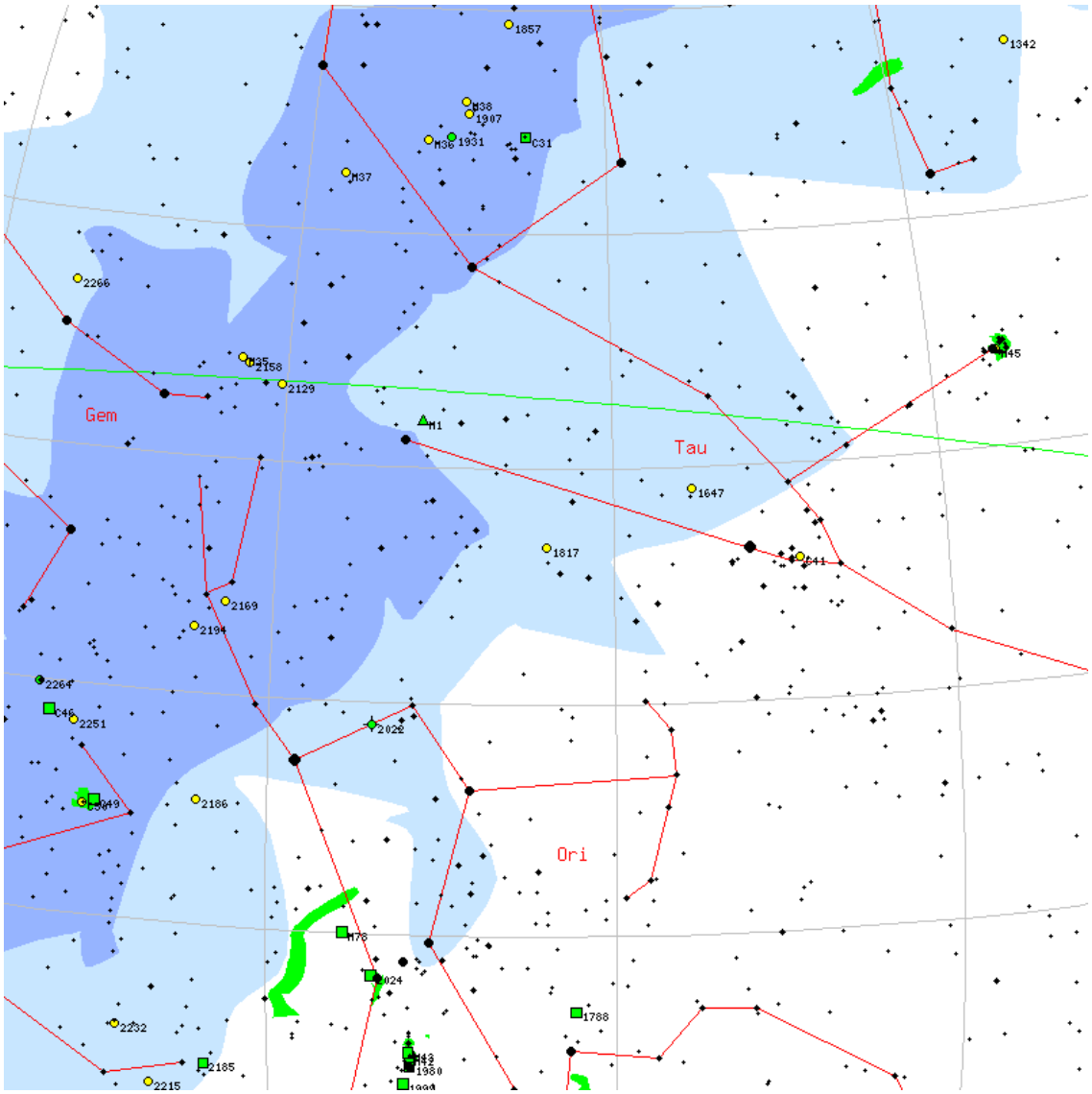
NGC6316

M	NGC6316	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	9	**Size**	4.9 x 4.9
RA	17h 16m	**Dec**	-28d 07m
Name			
Description	glob. cl. , cB, pS, R, gvmbM, rrr, st 16		



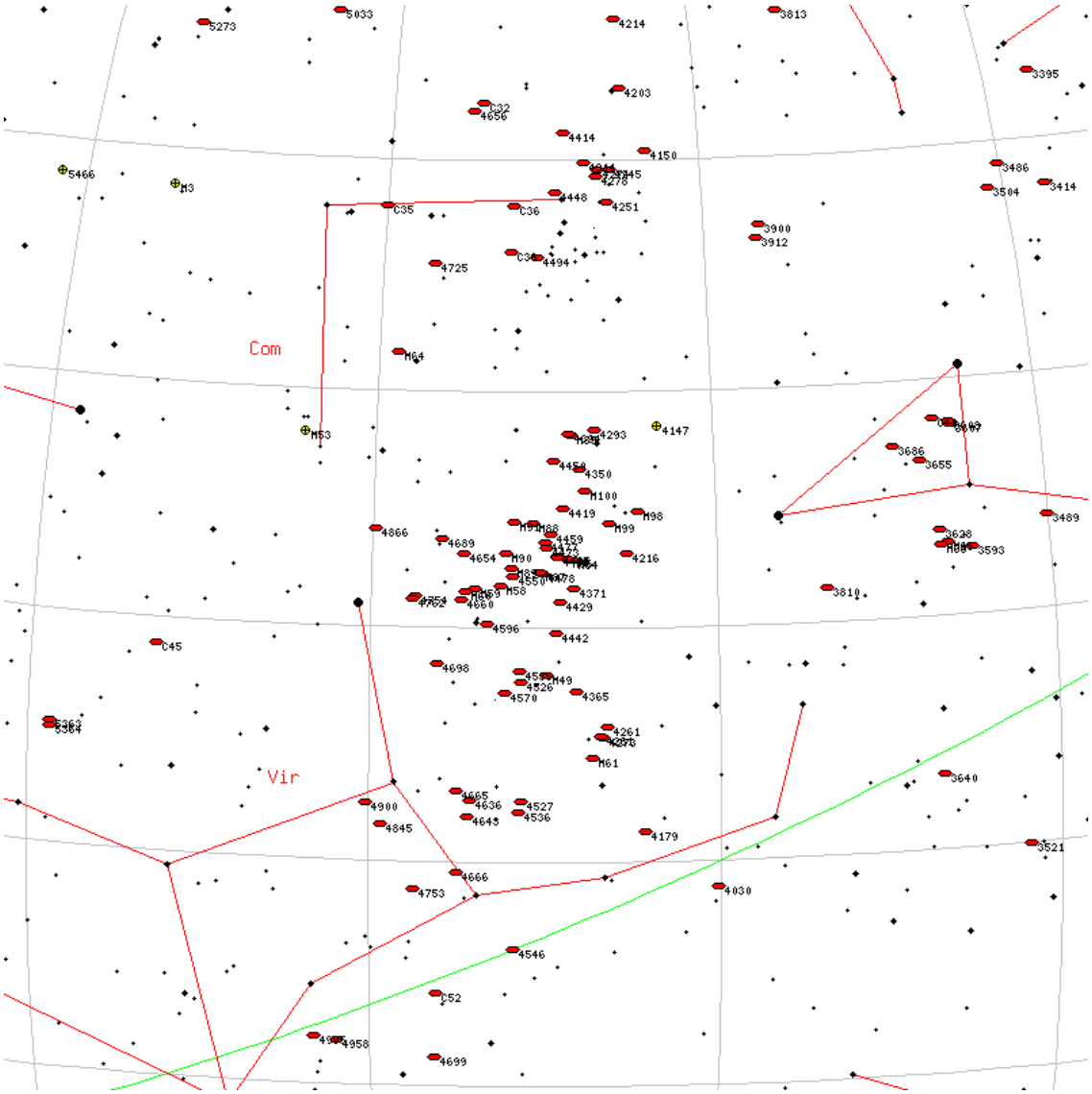
NGC1817

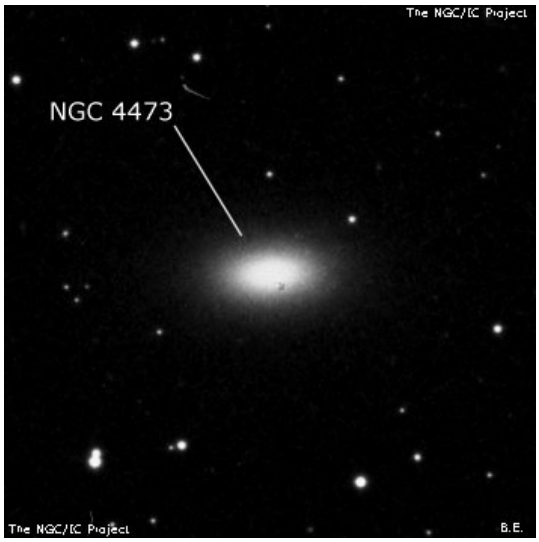
M	NGC1817	**ID**	-
Constellation	Tau	**Type**	OC
Magnitude	7.7	**Size**	16 x 16
RA	05h 12m	**Dec**	+16d 41m
Name			
Description	Cl, L, Ri, IC, st 11...14		



NGC4473

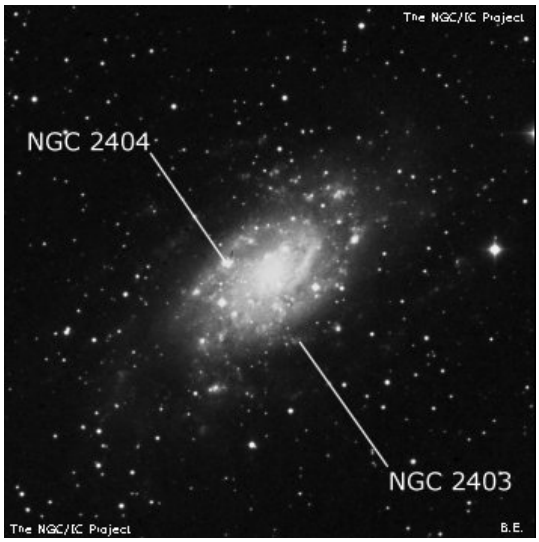
M	NGC4473	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.2	**Size**	2.2 x 1.3
RA	12h 29m	**Dec**	+13d 25m
Name			
Description	pB		





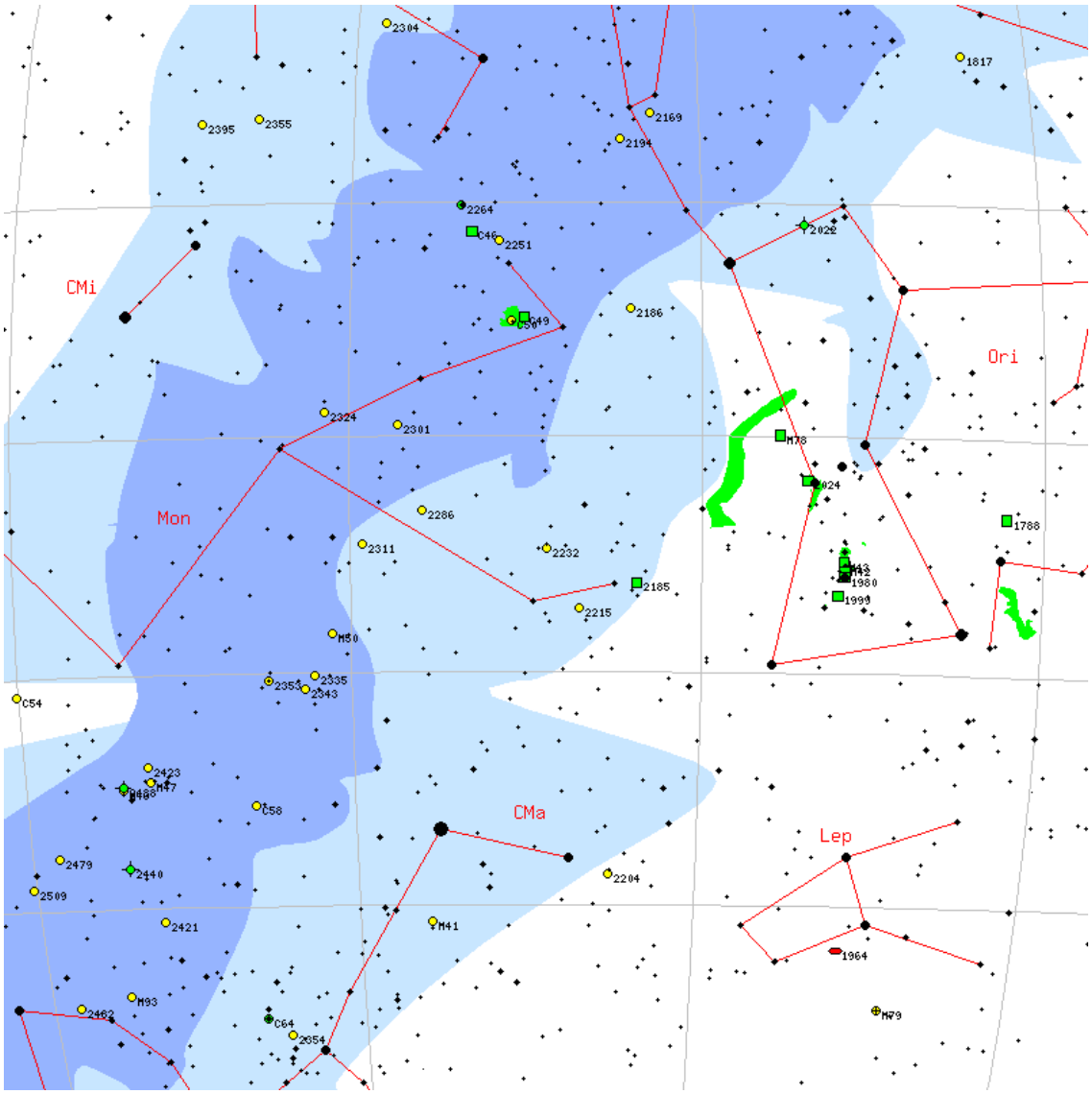
NGC2403

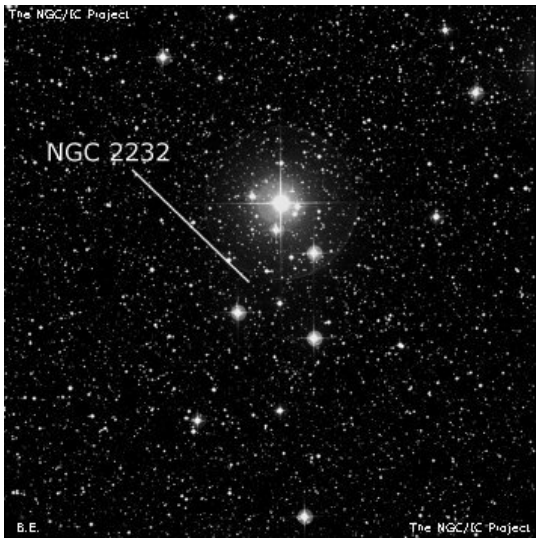
M	NGC2403	**ID**	-
Constellation	Cam	**Type**	Gx
Magnitude	8.4	**Size**	10.9 x 6.2
RA	07h 36m	**Dec**	+65d 35m
Name			
Description	!! cB, eL, vmE, vgmbMN		



NGC2232

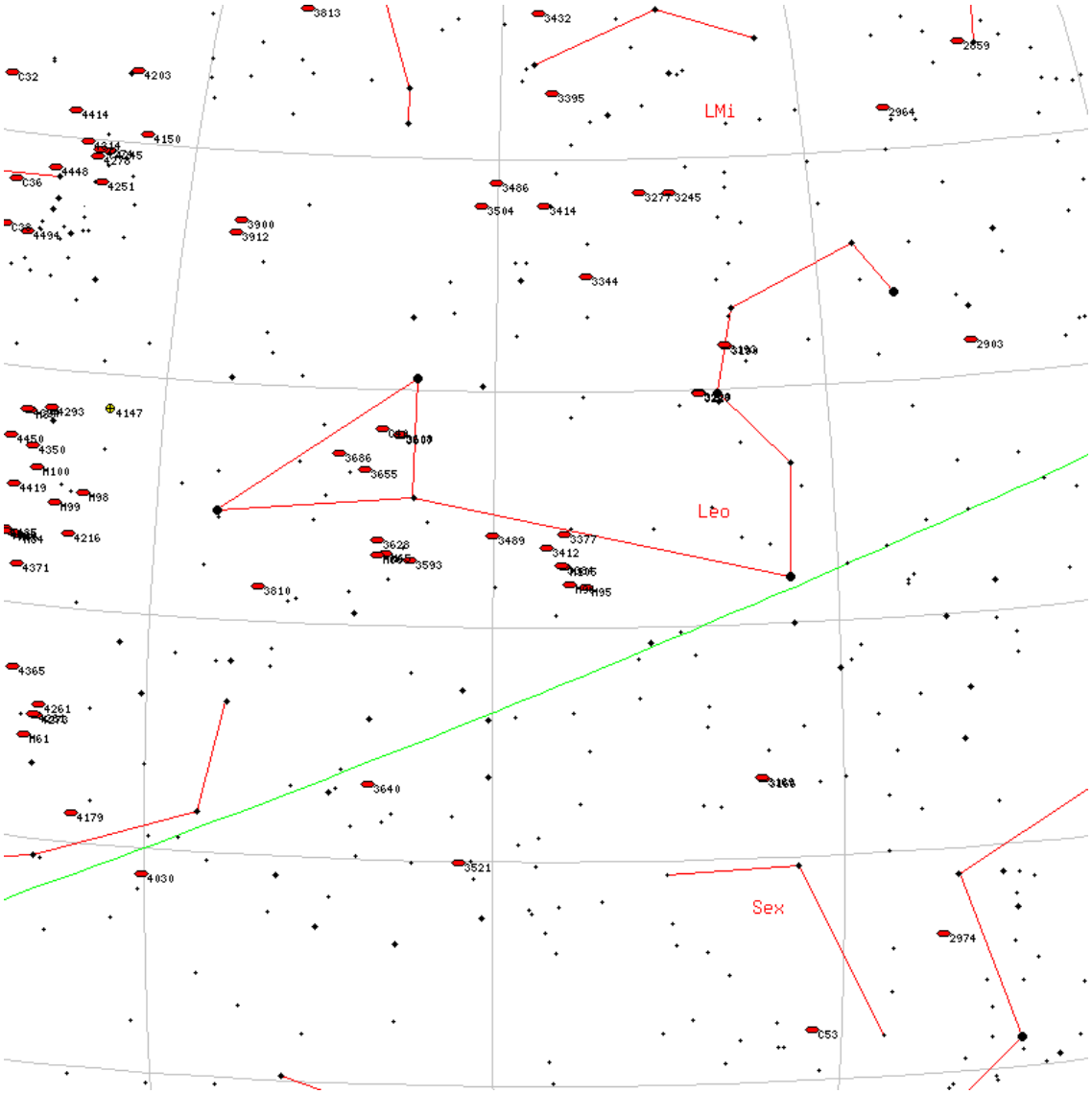
M	NGC2232	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	3.9	**Size**	30 x 30
RA	06h 26m	**Dec**	-04d 45m
Name			
Description	B* (10 Mon) + Cl		

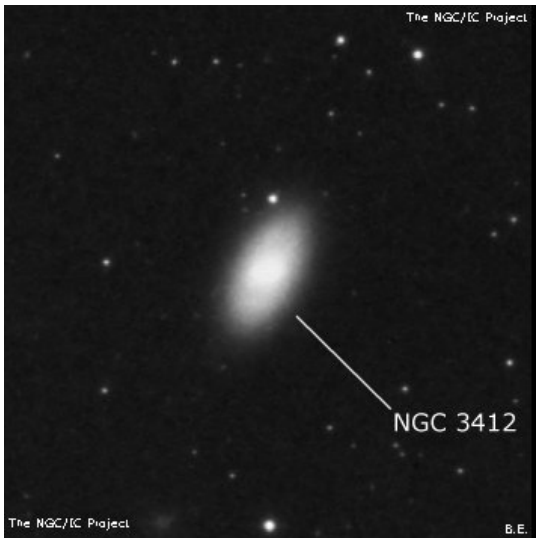




NGC3412

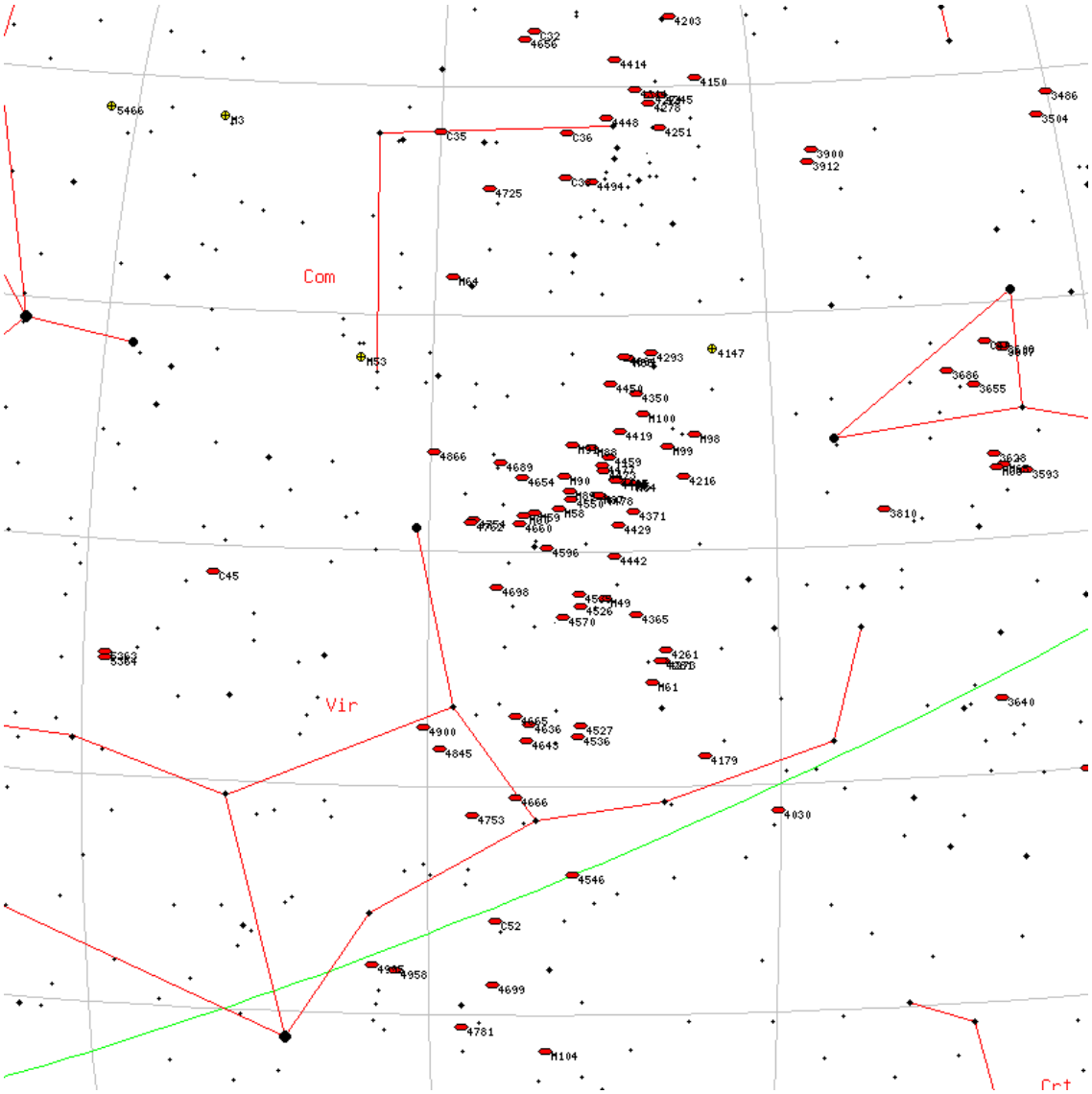
M	NGC3412	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10.6	**Size**	1.8 x 1
RA	10h 50m	**Dec**	+13d 25m
Name			
Description	B, S, IE 135deg +/- , smbMN		

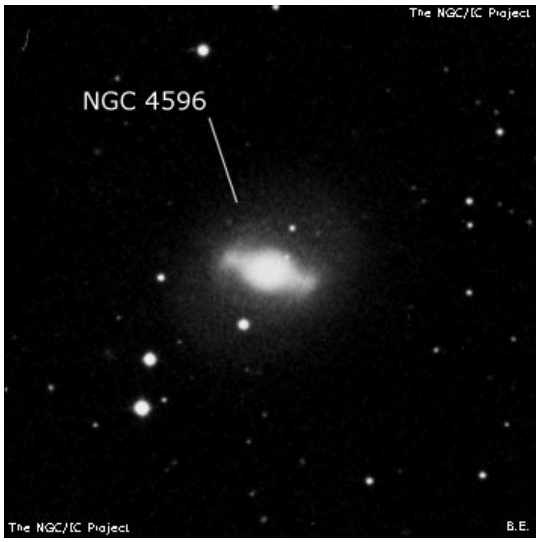




NGC4596

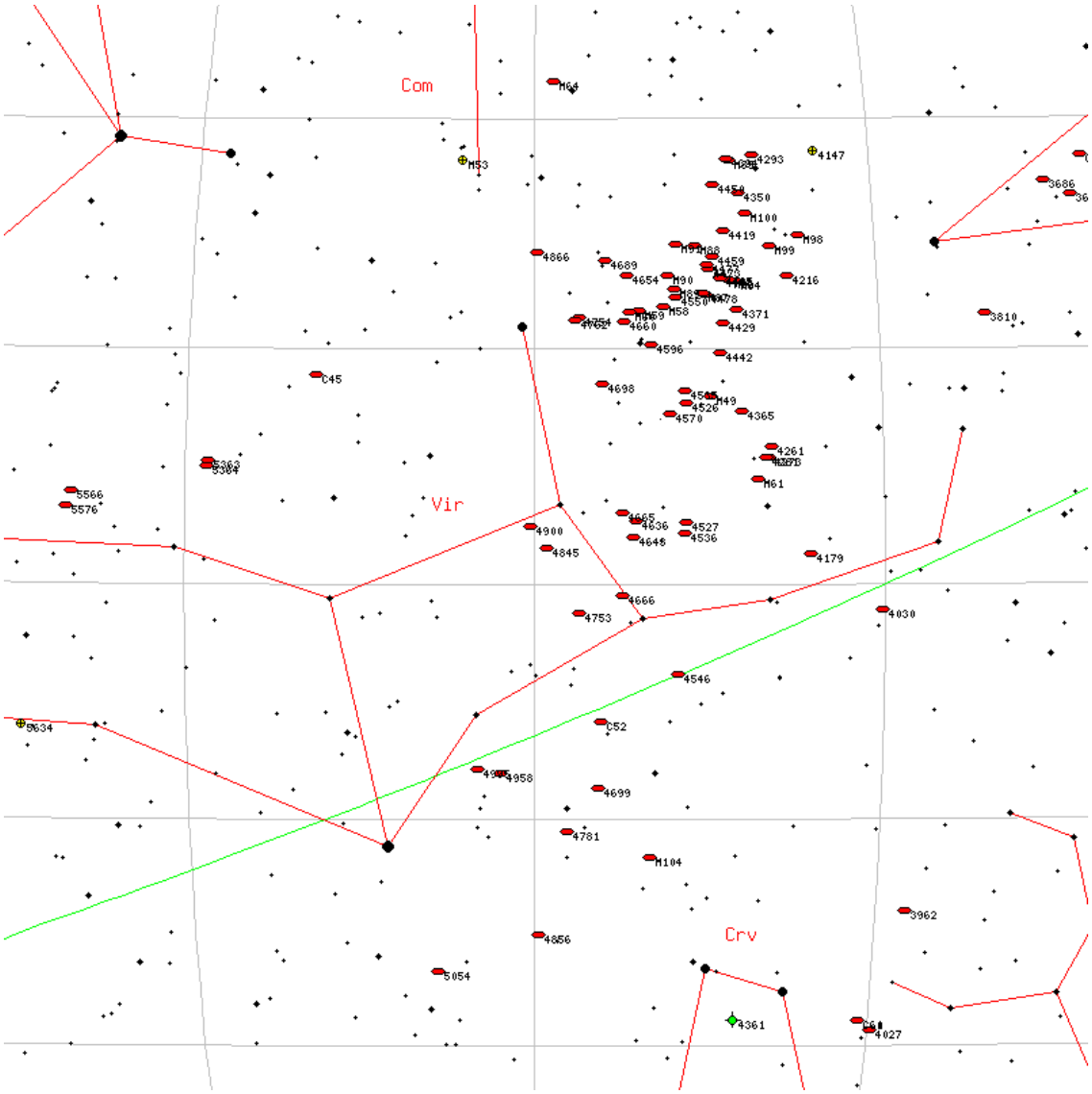
M	NGC4596	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.5	**Size**	2 x 1.5
RA	12h 39m	**Dec**	+10d 10m
Name			
Description	B, pS, R, gmbM, r, 3 st f		

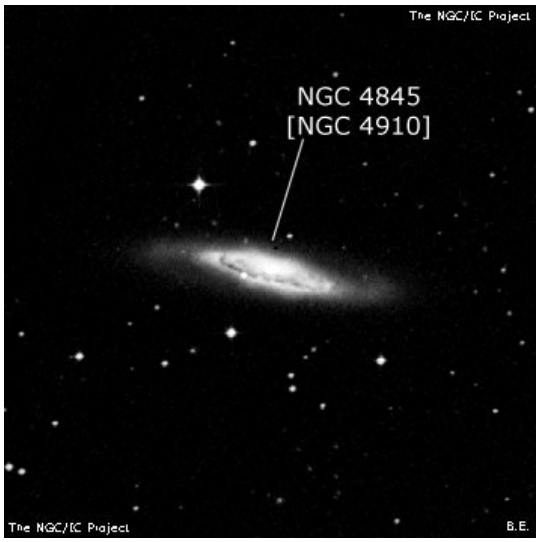




NGC4845

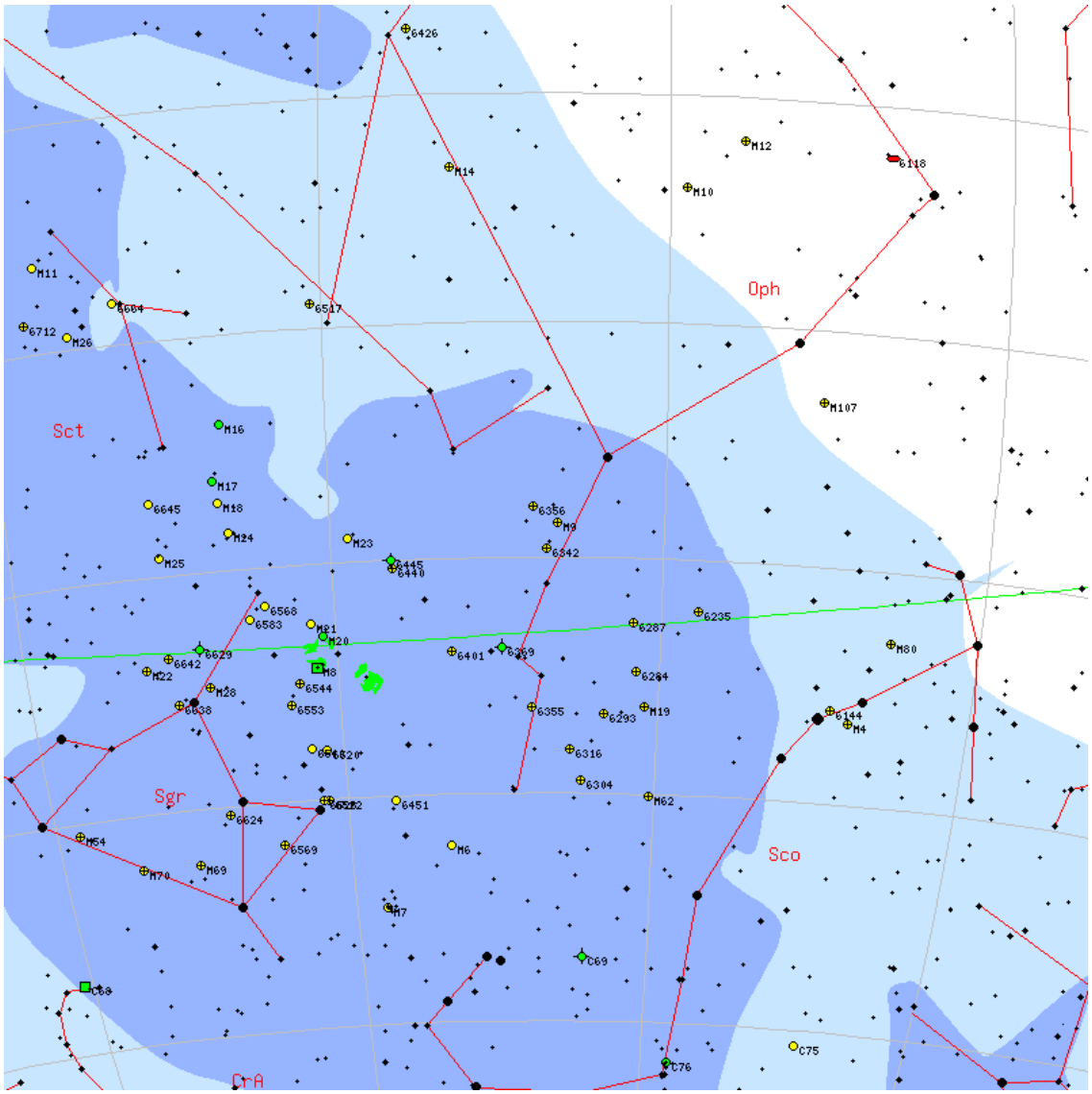
M	NGC4845	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	12	**Size**	2.5 x 0.7
RA	12h 58m	**Dec**	+01d 34m
Name			
Description	pF, pL, pmE, vgbM, * nf 30deg		





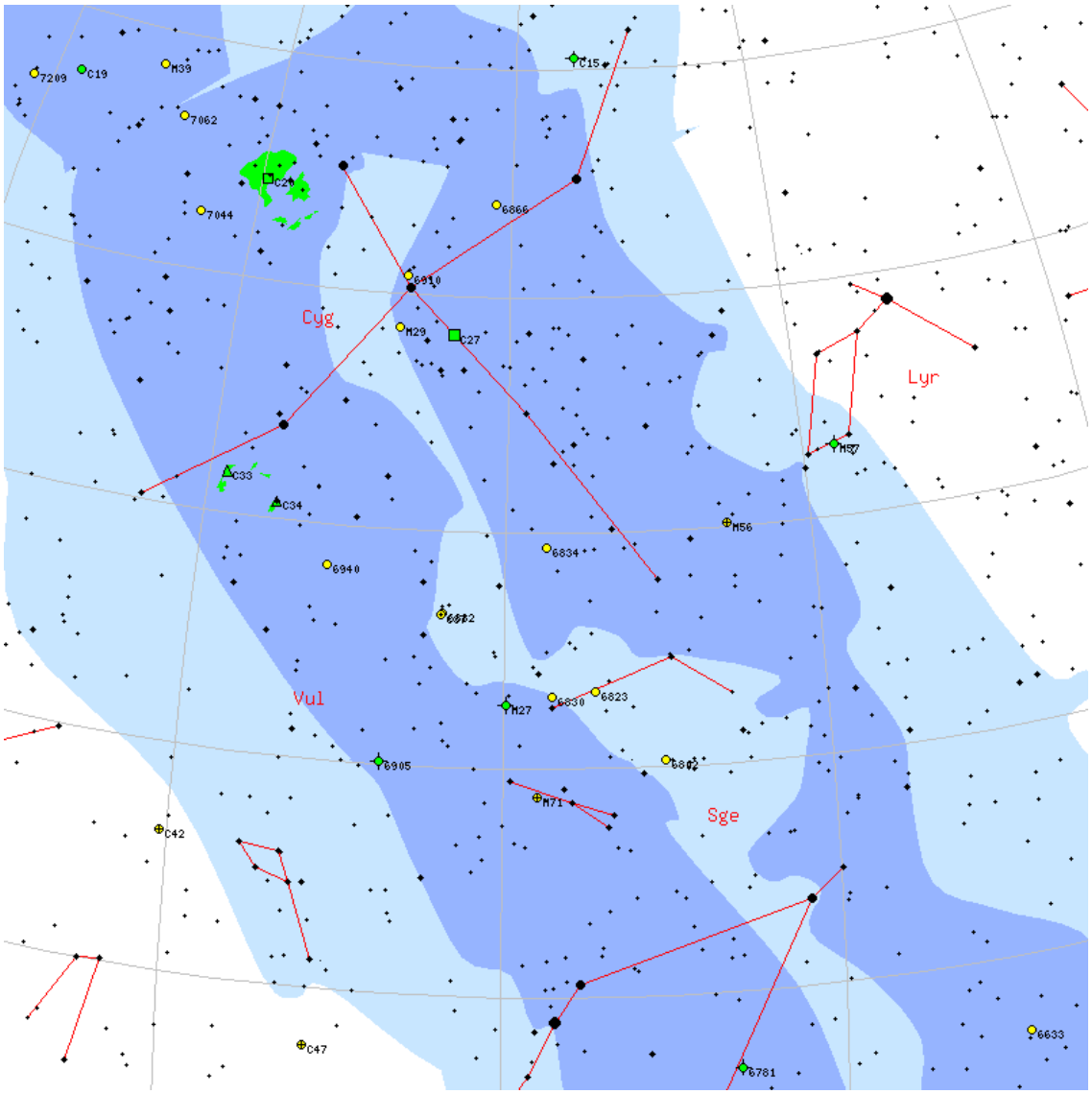
NGC6342

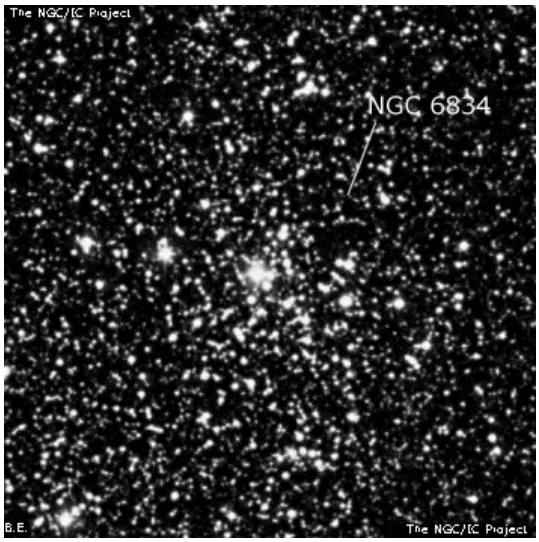
M	NGC6342	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	9.9	**Size**	3 x 3
RA	17h 21m	**Dec**	-19d 34m
Name			
Description	cB, pS, lE, er		



NGC6834

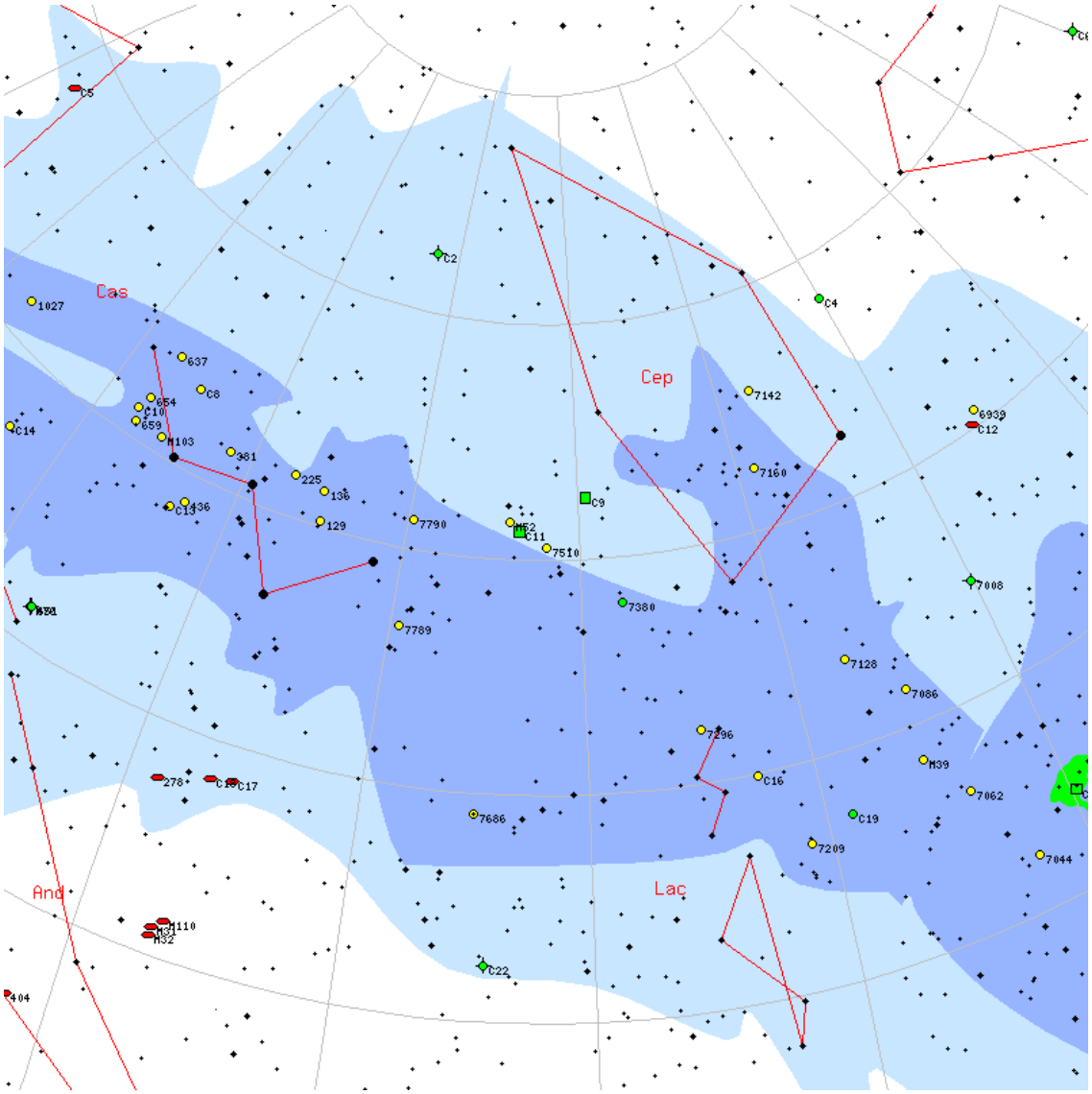
M	NGC6834	**ID**	-
Constellation	Cyg	**Type**	OC
Magnitude	7.8	**Size**	5 x 5
RA	19h 52m	**Dec**	+29d 25m
Name			
Description	Cl, P, IC, st 11...12		





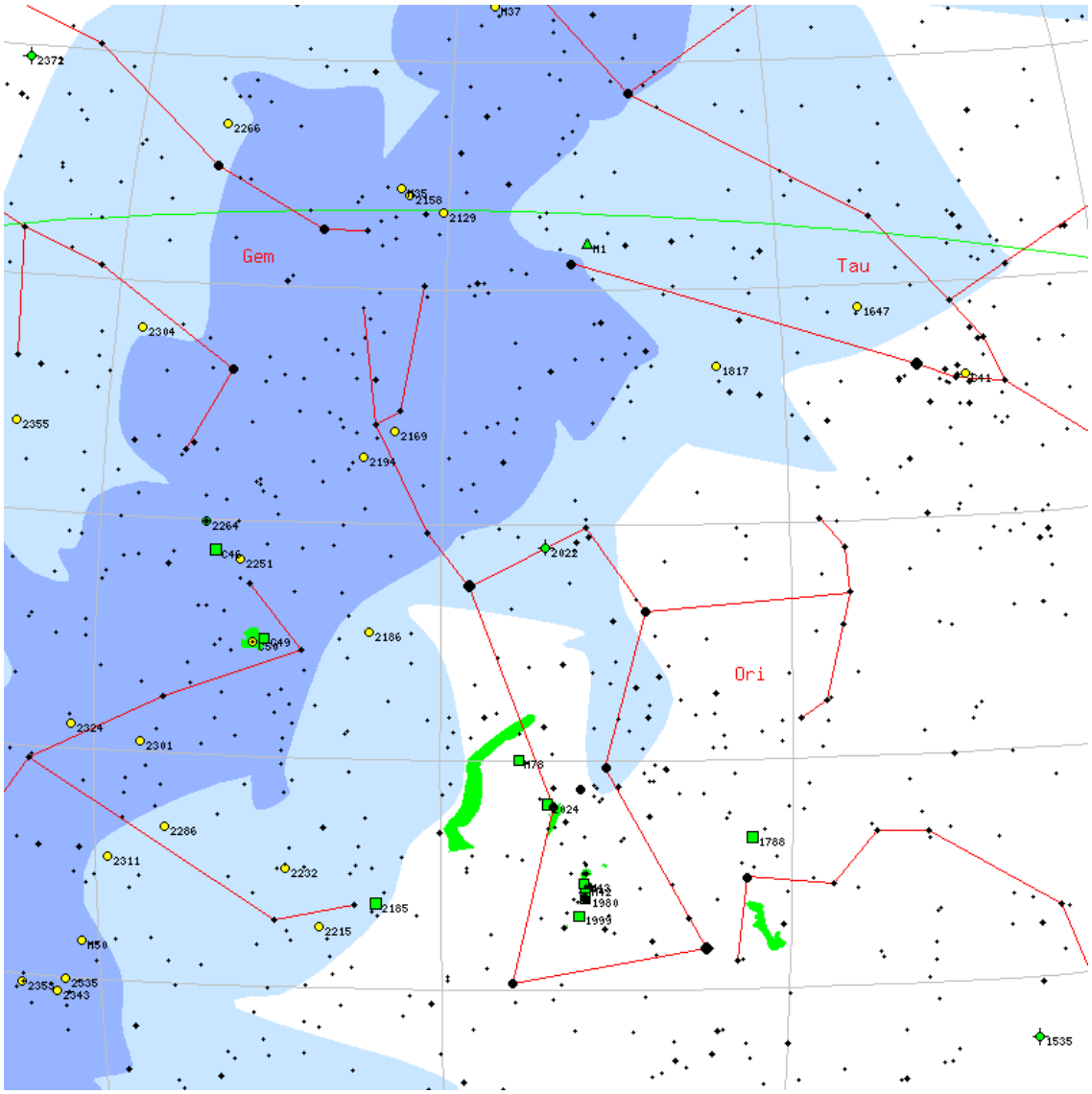
NGC7510

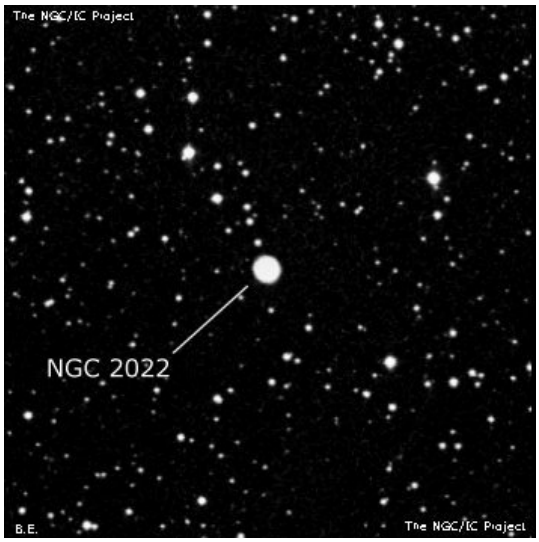
M	NGC7510	**ID**	-
Constellation	Cep	**Type**	OC
Magnitude	7.9	**Size**	4 x 4
RA	23h 11m	**Dec**	+60d 34m
Name			
Description	Cl, pRi, pC, fan-sh, st pB		



NGC2022

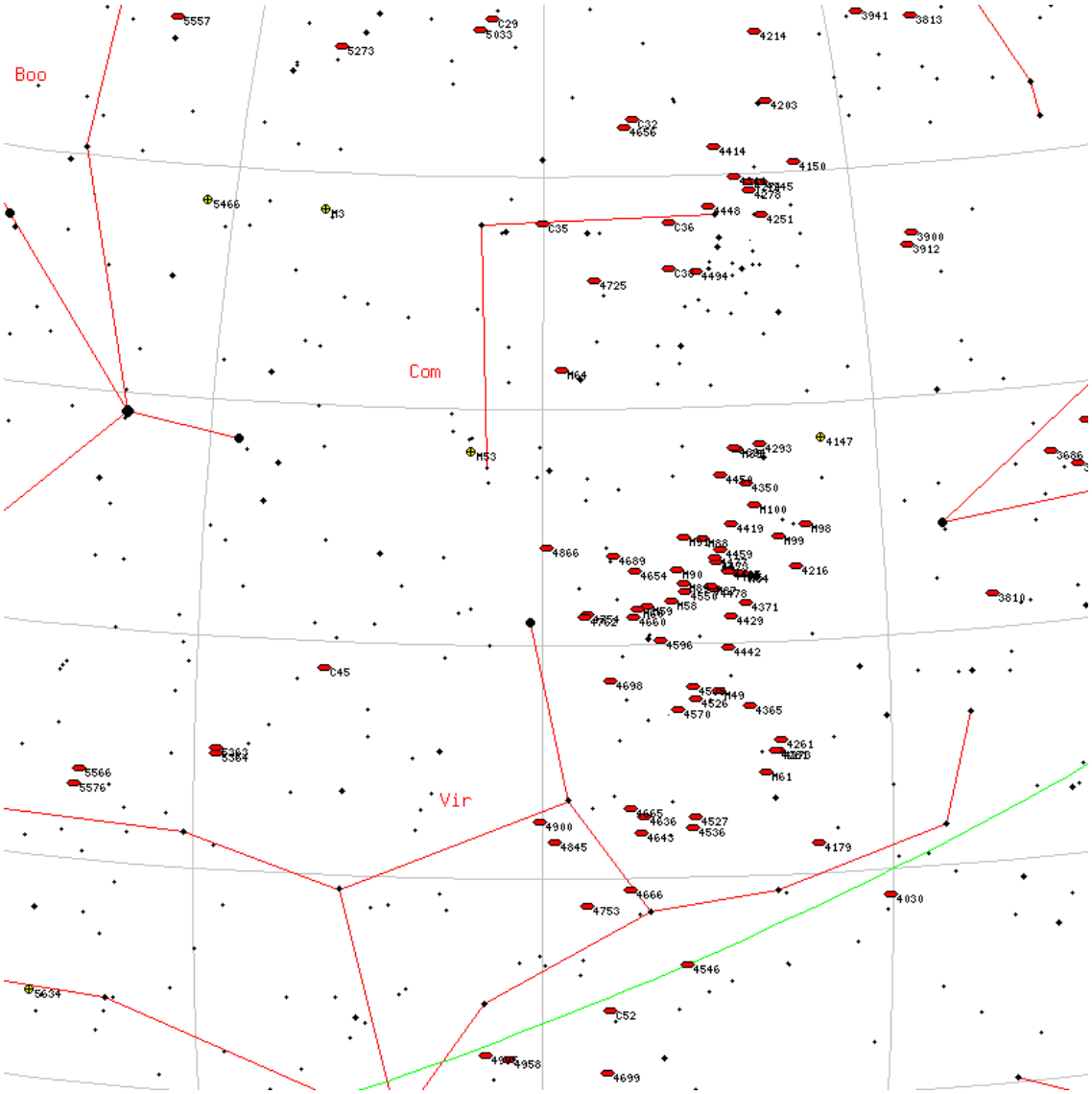
M	NGC2022	**ID**	-
Constellation	Ori	**Type**	Pl
Magnitude	12	**Size**	0.3 x 0.3
RA	05h 42m	**Dec**	+09d 04m
Name			
Description	PN , pB, vS, vlE		

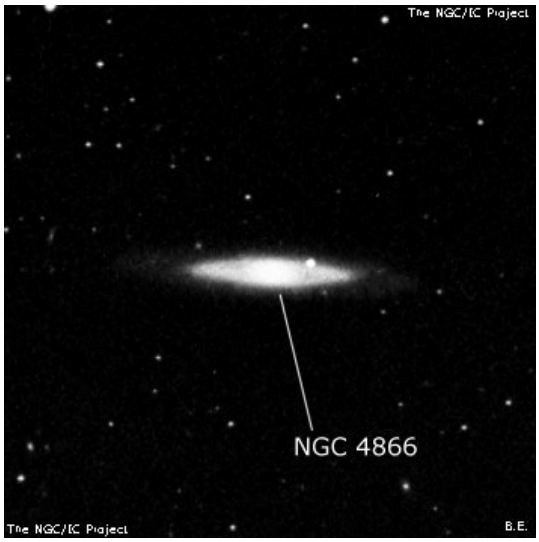




NGC4866

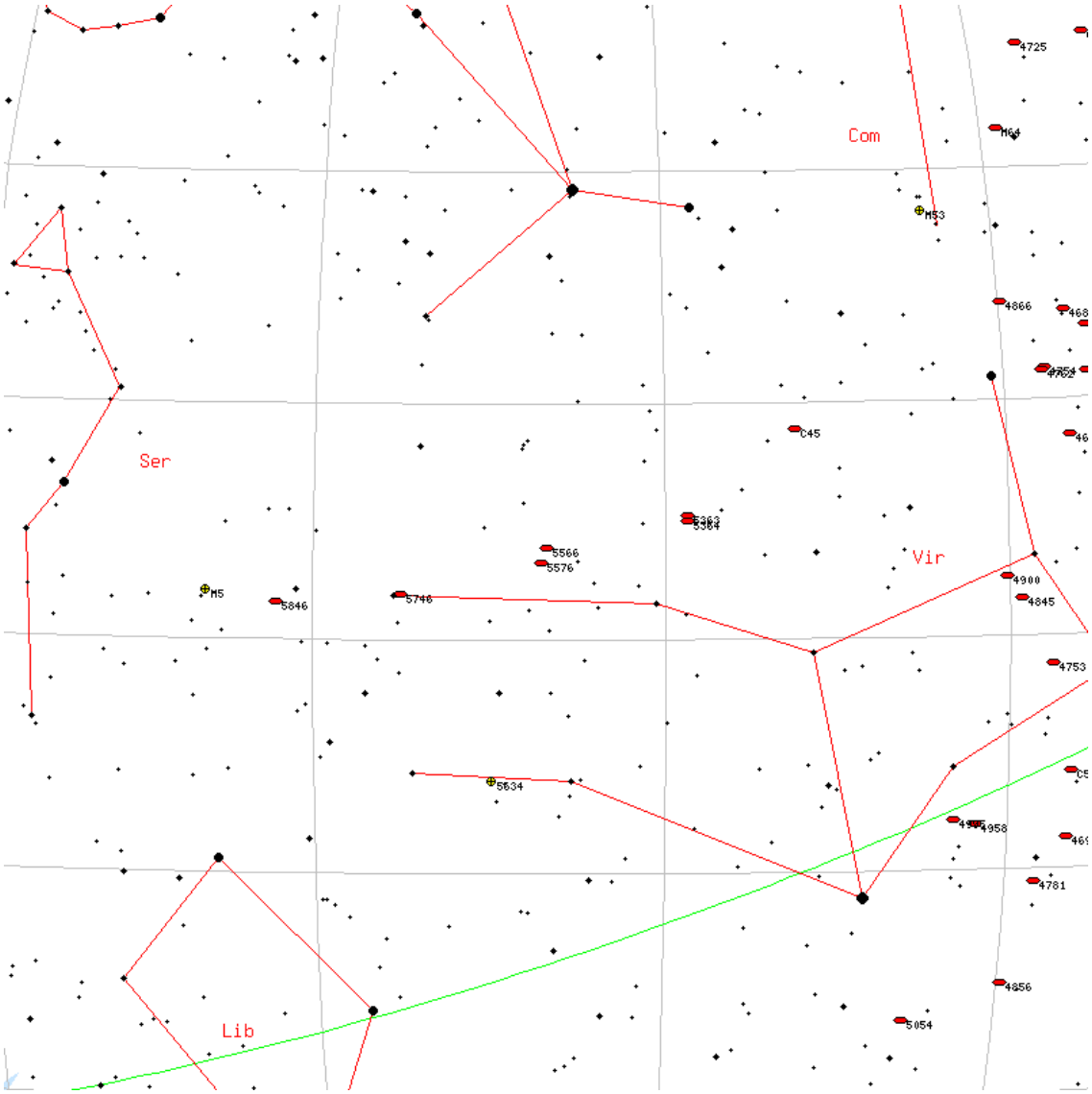
M	NGC4866	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11	**Size**	3.1 x 0.7
RA	13h 00m	**Dec**	+14d 10m
Name			
Description	B, pL, mE 90deg , sbMN, S* inv		

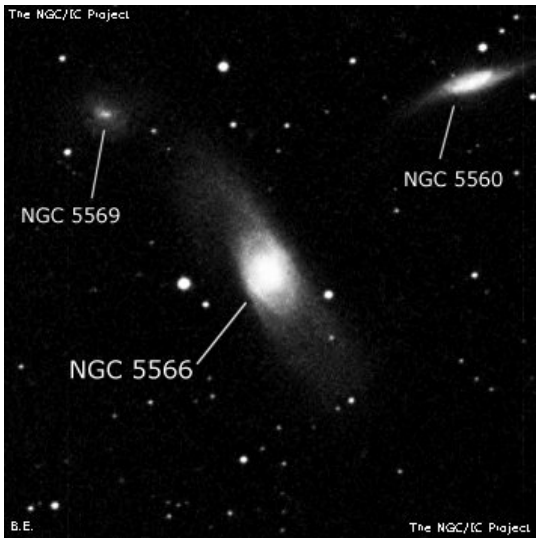




NGC5566

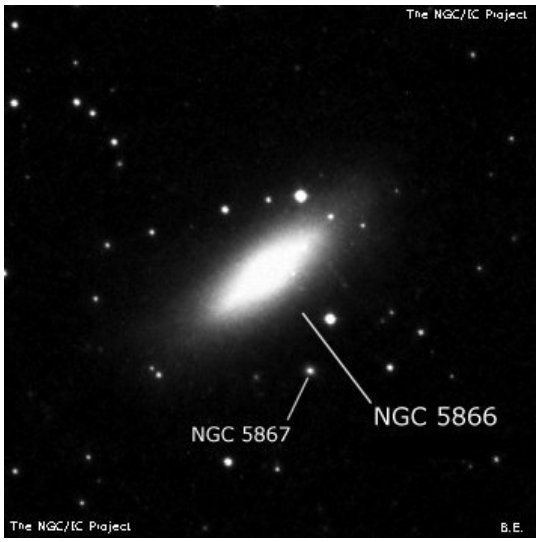
M	NGC5566	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.5	**Size**	3.3 x 1.1
RA	14h 20m	**Dec**	+03d 55m
Name			
Description	B, pL, R, psbM, r, *12 f 1'.5		





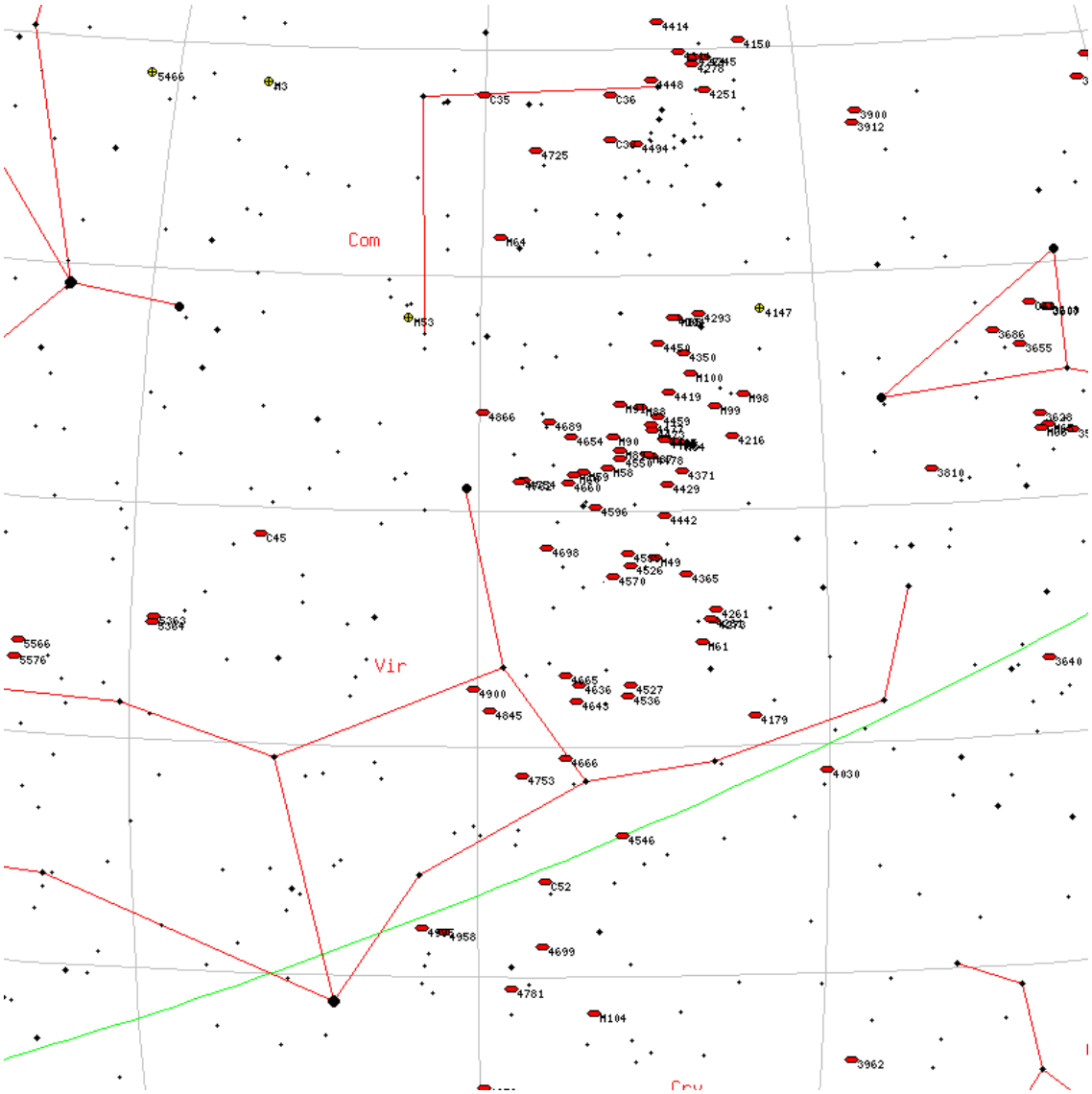
NGC5866

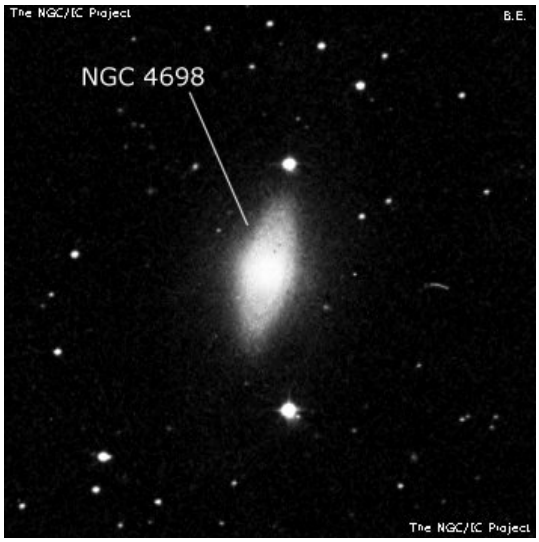
M	NGC5866	**ID**	-
Constellation	Dra	**Type**	Gx
Magnitude	10	**Size**	1.4 x 0.9
RA	15h 06m	**Dec**	+55d 46m
Name	This is NOT M102, included however for completeness		
Description	vB, cL, pmE 146deg , gbM		



NGC4698

M	NGC4698	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.7	**Size**	2 x 1.2
RA	12h 48m	**Dec**	+08d 28m
Name			
Description	cB, pL, iR, bM, r		



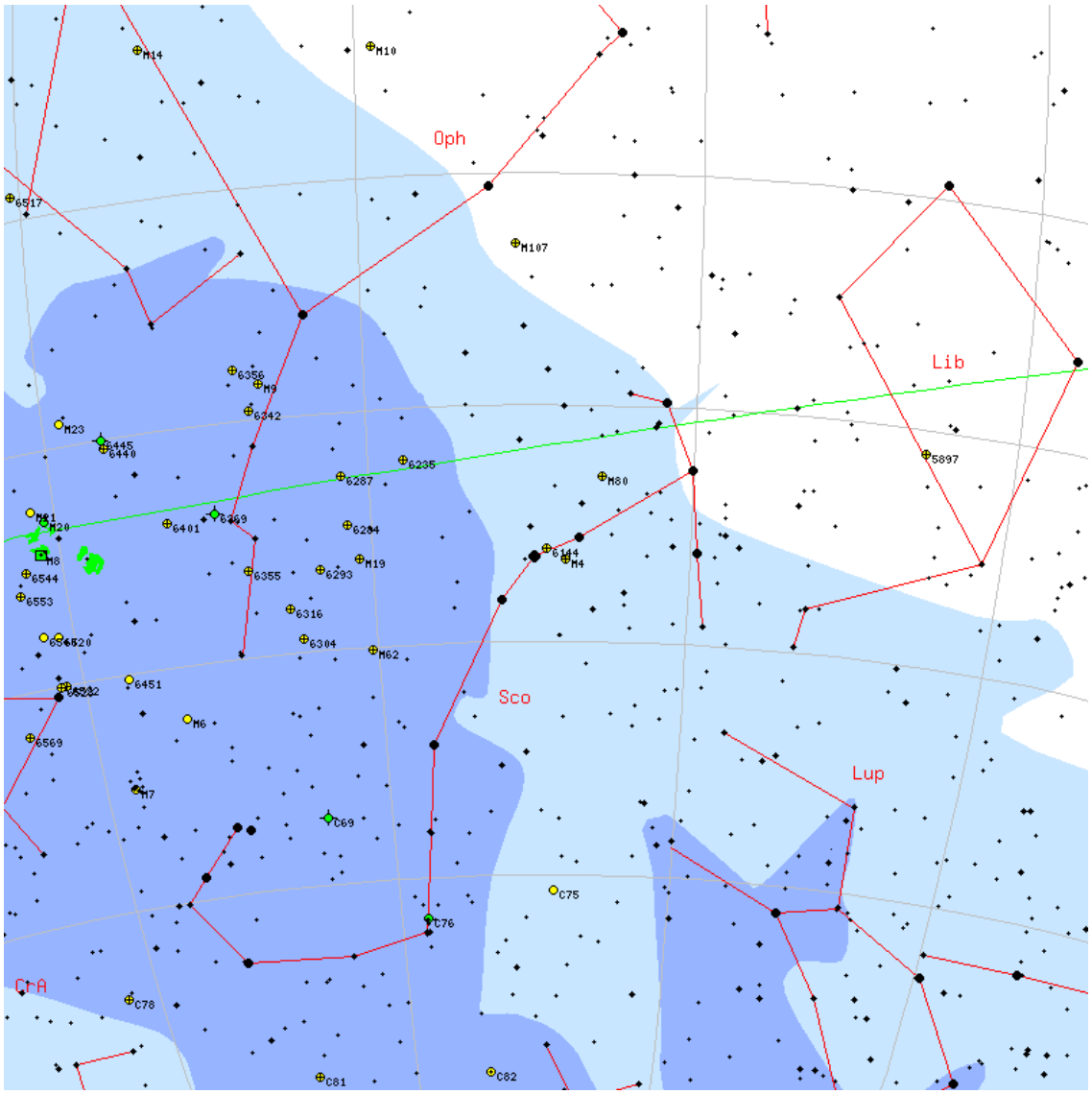


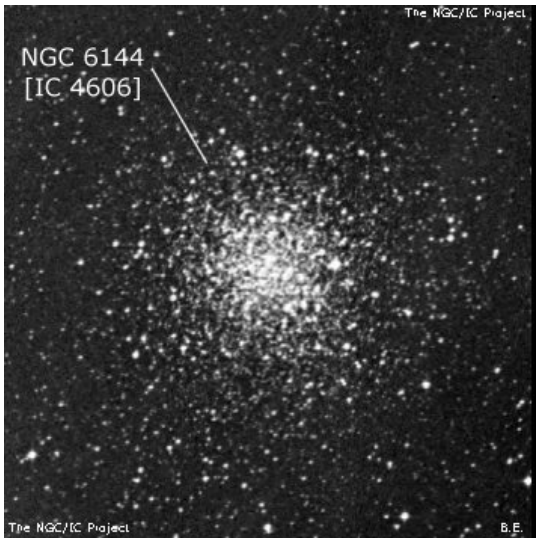
NGC891

M	NGC891	**ID**	-
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		

NGC6144

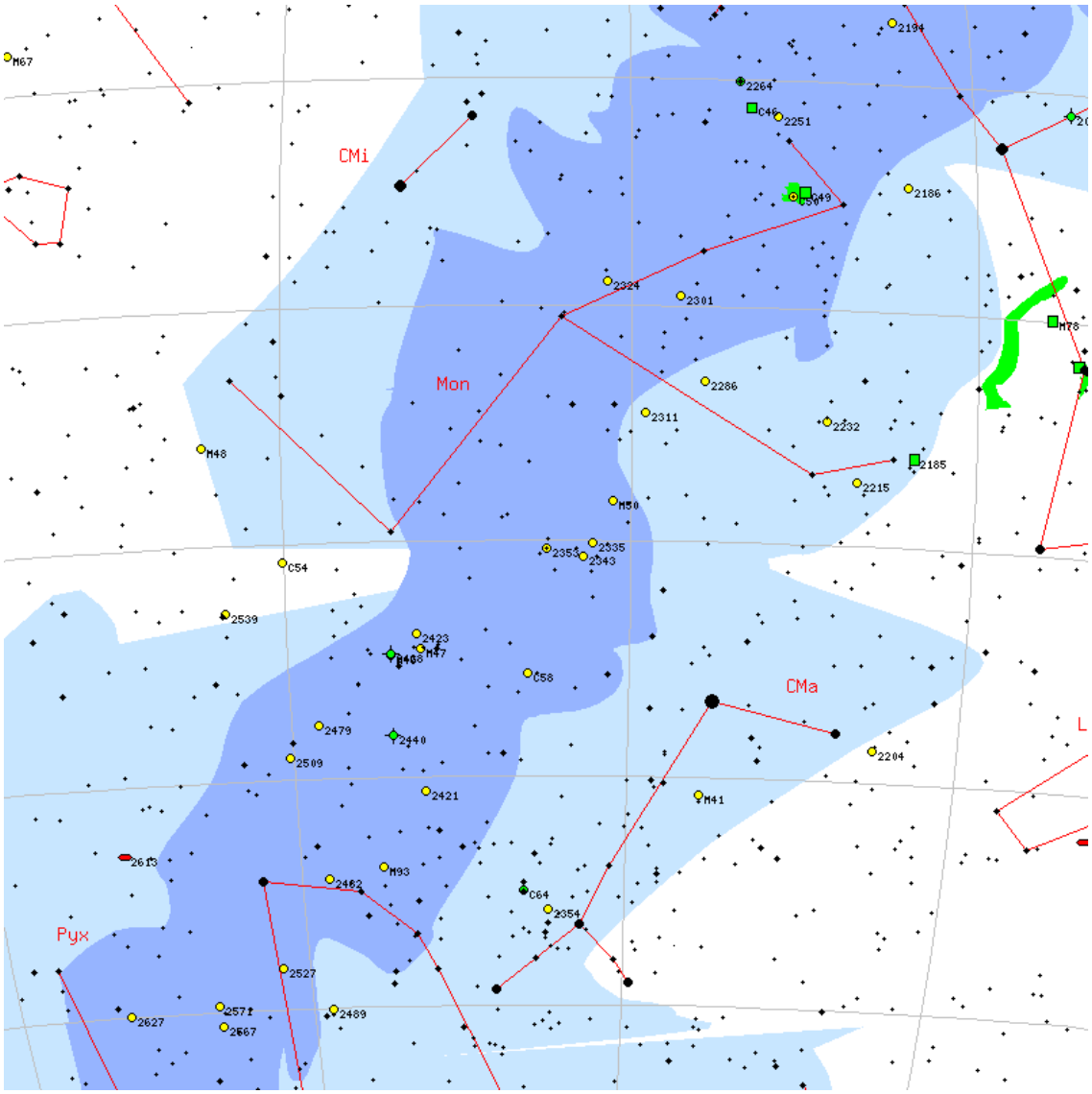
M	NGC6144	**ID**	-
Constellation	Sco	**Type**	Gb
Magnitude	9.1	**Size**	9.3 x 9.3
RA	16h 27m	**Dec**	-26d 01m
Name			
Description	Cl, cL, mC, gbM, rrr		

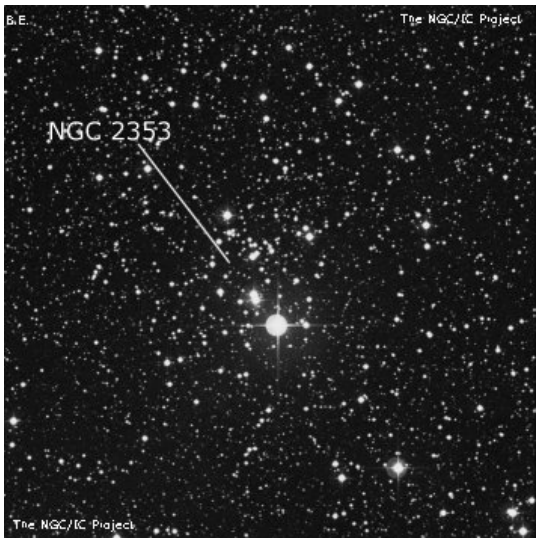




NGC2353

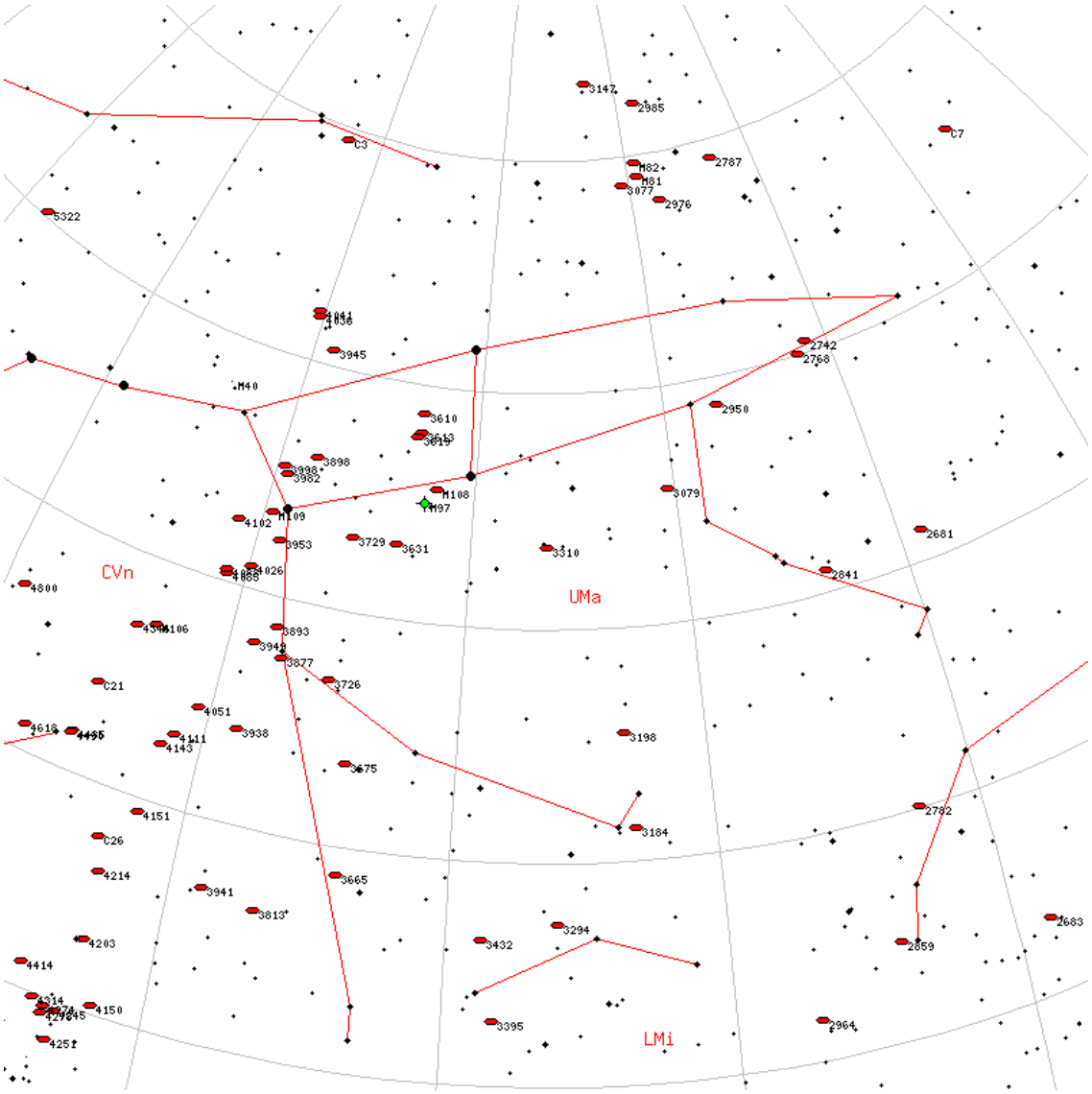
M	NGC2353	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	7.1	**Size**	20 x 20
RA	07h 14m	**Dec**	-10d 18m
Name			
Description	Cl, L, IC, one vB*		

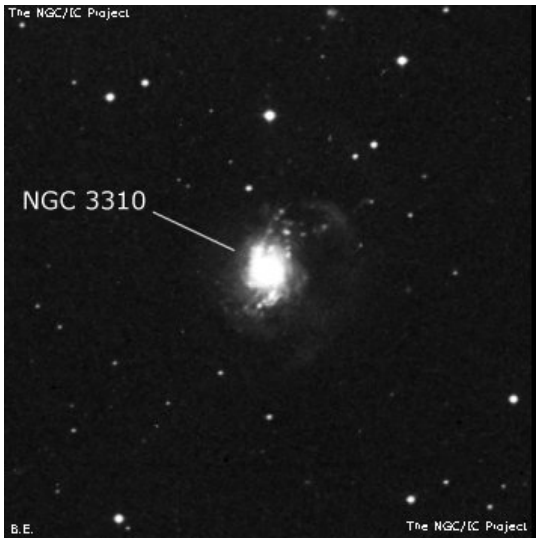




NGC3310

M	NGC3310	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.9	**Size**	3.6 x 3.6
RA	10h 38m	**Dec**	+53d 30m
Name			
Description	cB, pL, R, vg, vsmbMN 15"		



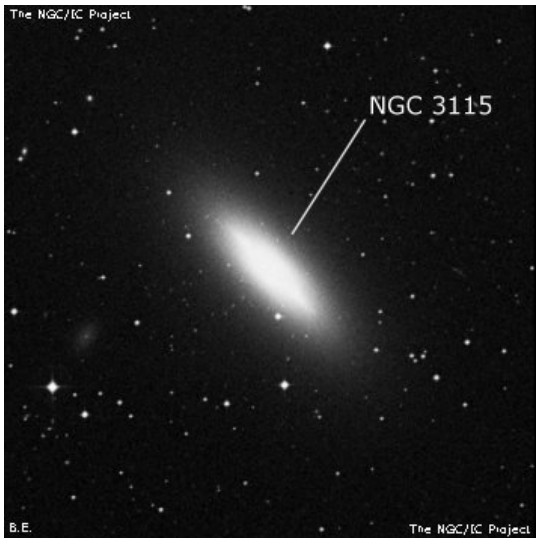


NGC7662

M	NGC7662	**ID**	-
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		

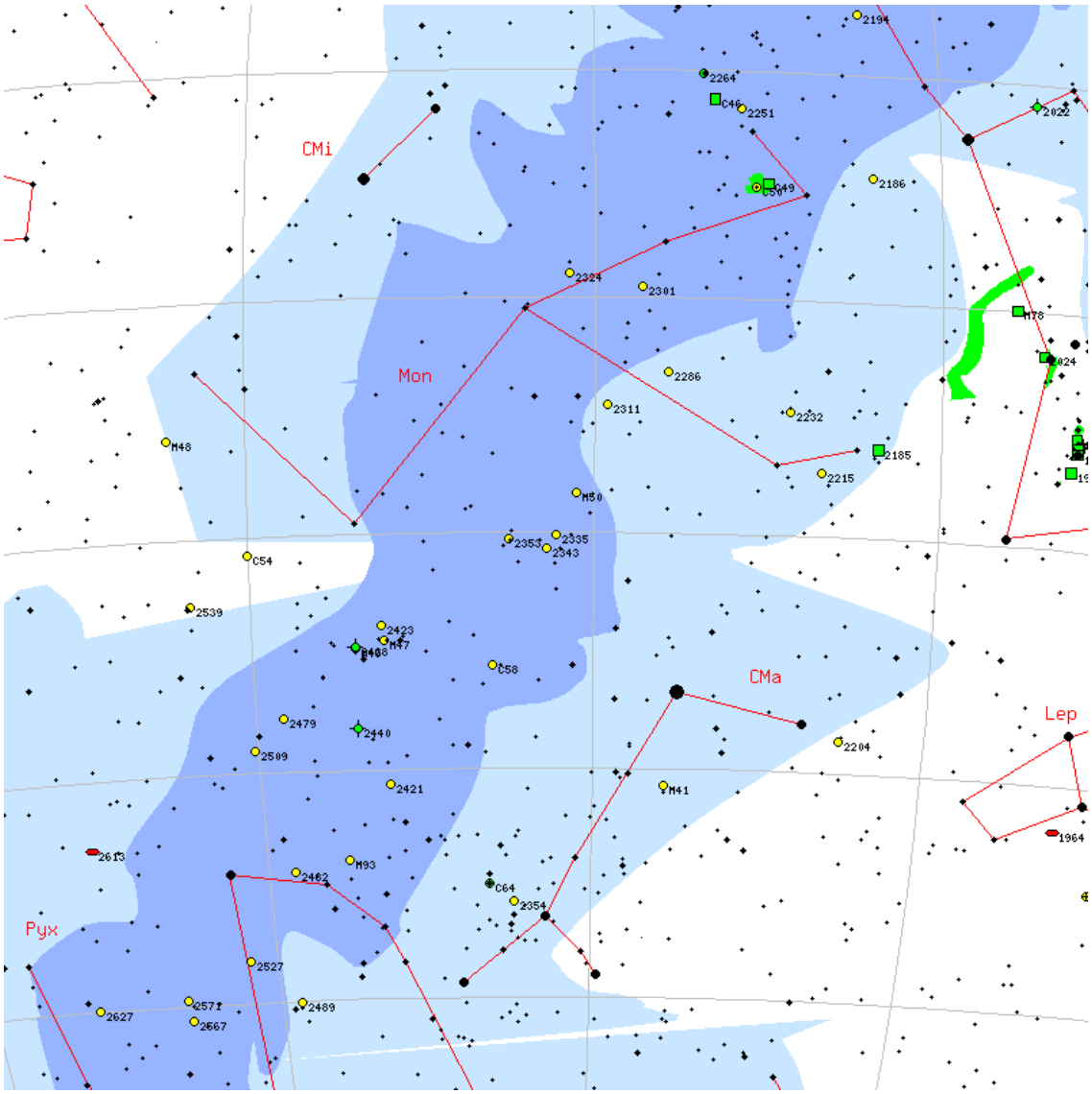
NGC3115

M	NGC3115	**ID**	-
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		



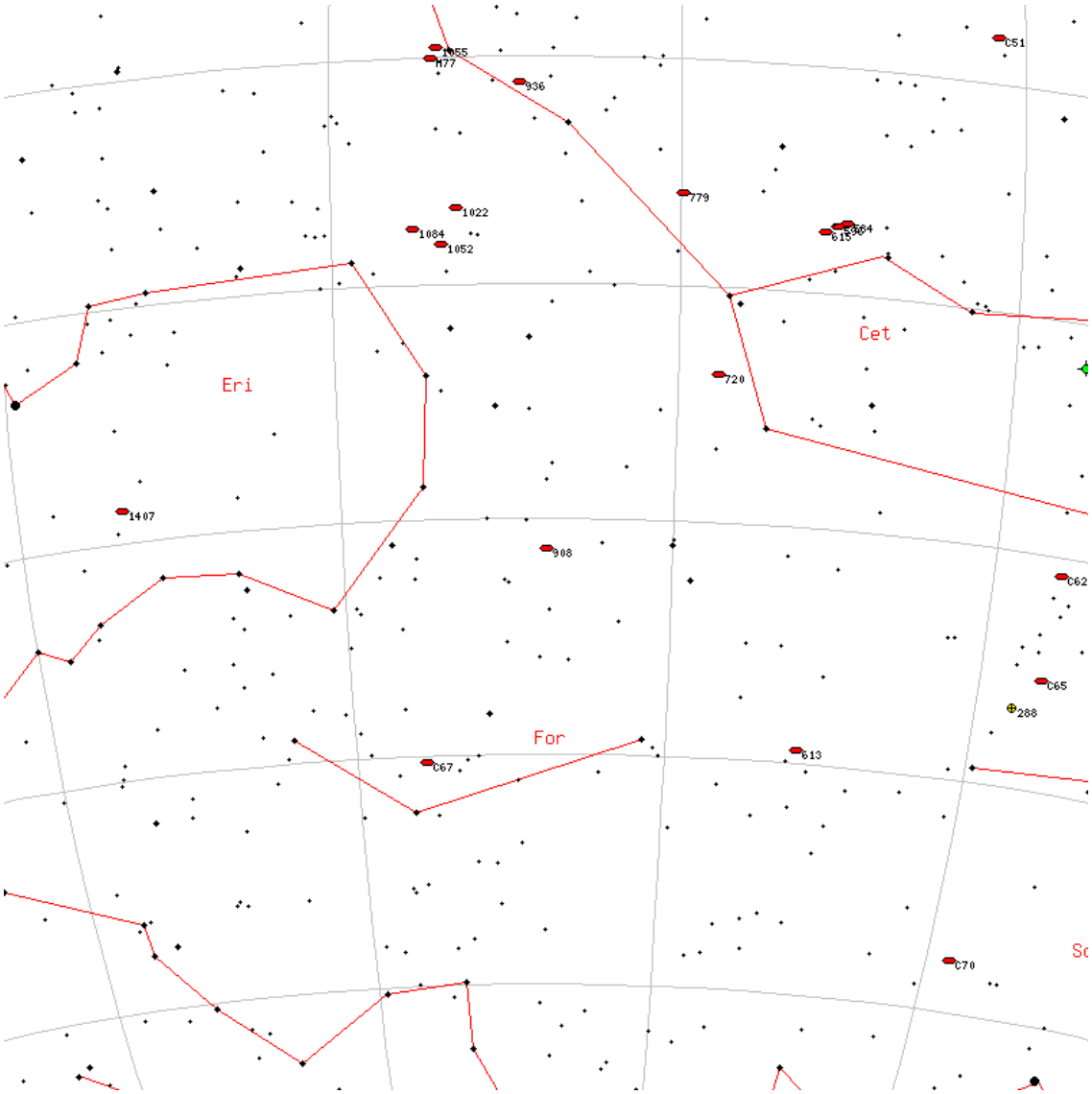
NGC2343

M	NGC2343	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	6.7	**Size**	7 x 7
RA	07h 08m	**Dec**	-10d 39m
Name			
Description	Cl, cL, P, IC		



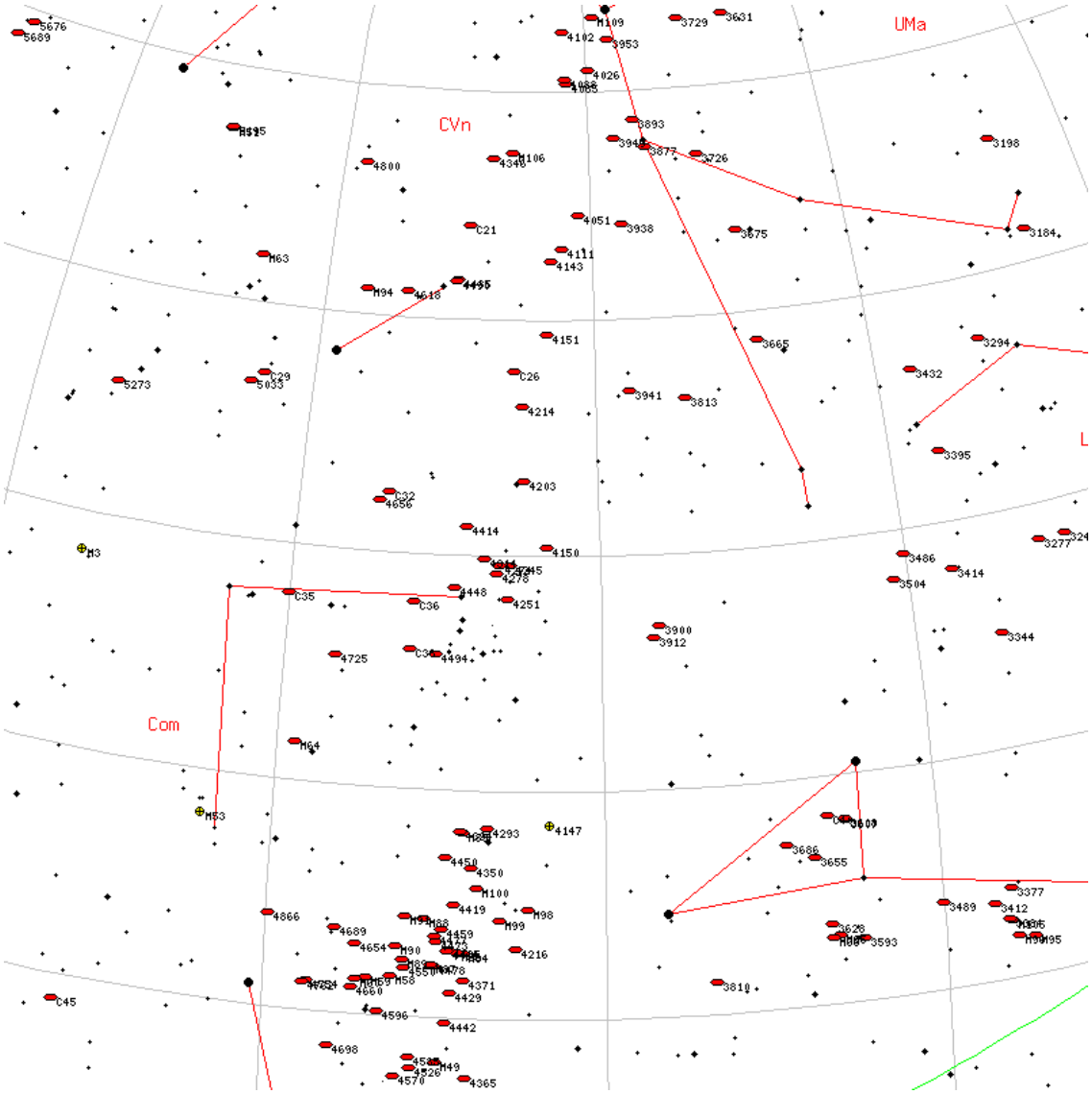
NGC908

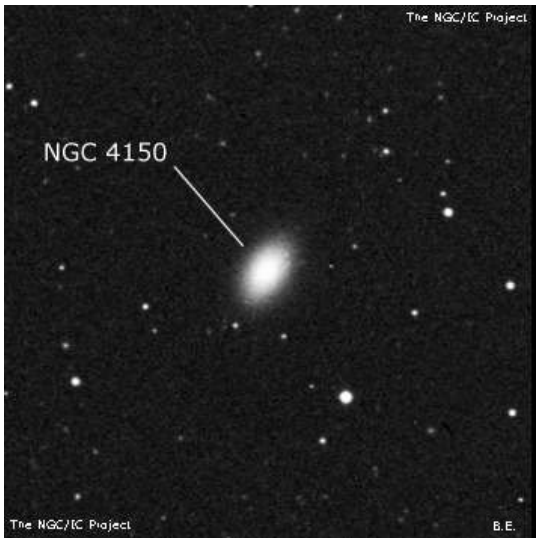
M	NGC908	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	10.2	**Size**	3 x 1.3
RA	02h 23m	**Dec**	-21d 13m
Name			
Description	cB, vL, E		



NGC4150

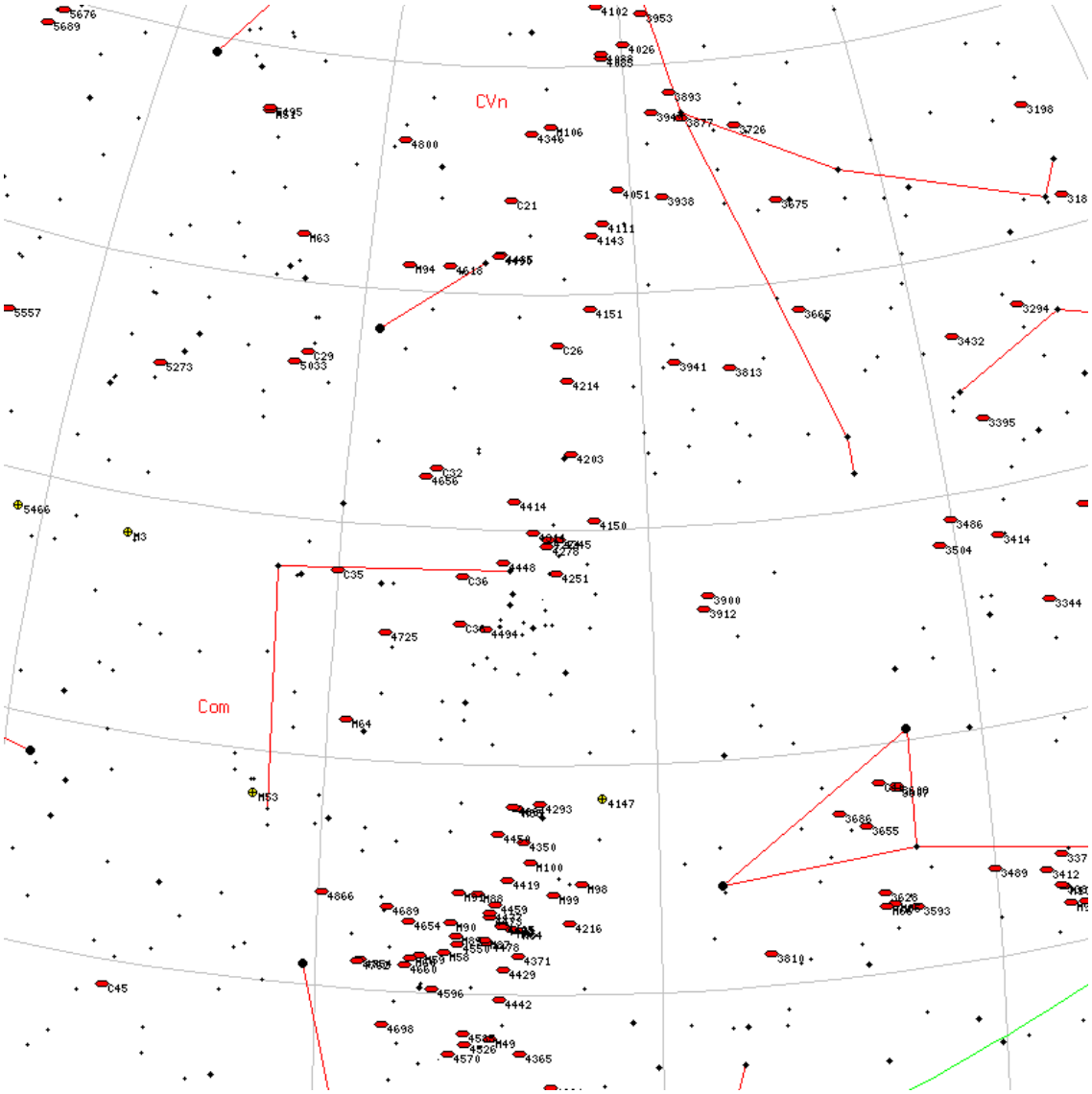
M	NGC4150	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	11.7	**Size**	1.2 x 0.8
RA	12h 10m	**Dec**	+30d 23m
Name			
Description	B, S, R, pgmbM		

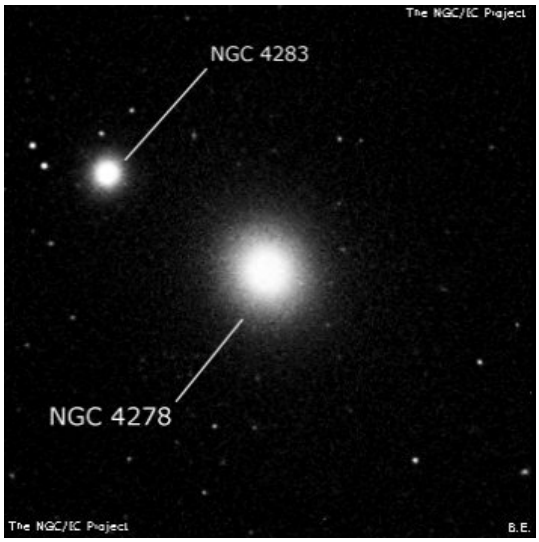




NGC4278

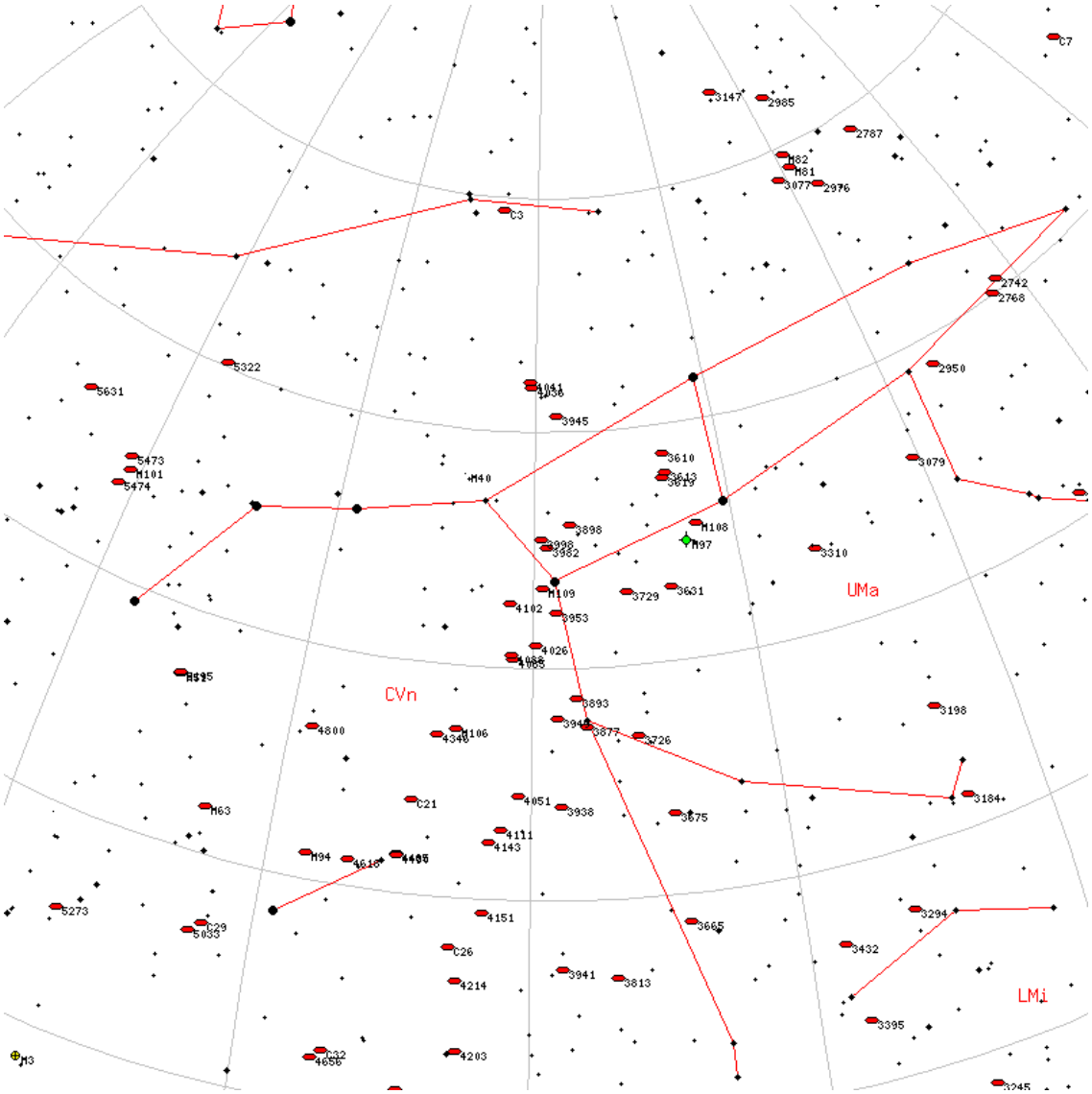
M	NGC4278	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.2	**Size**	3.6 x 3.6
RA	12h 20m	**Dec**	+29d 16m
Name			
Description	vB, pL, R, mbM, r, 1st of 3		

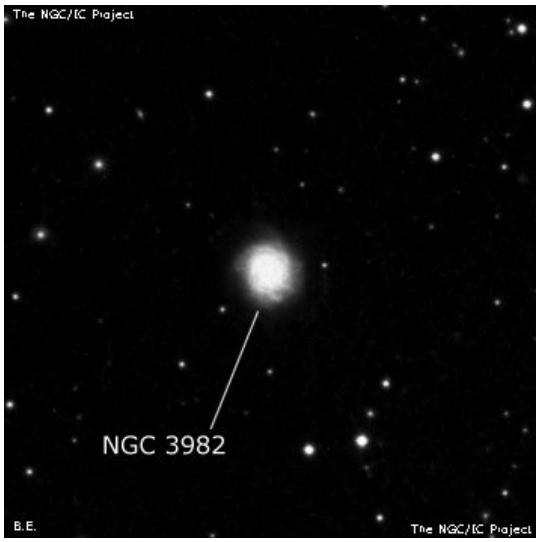




NGC3982

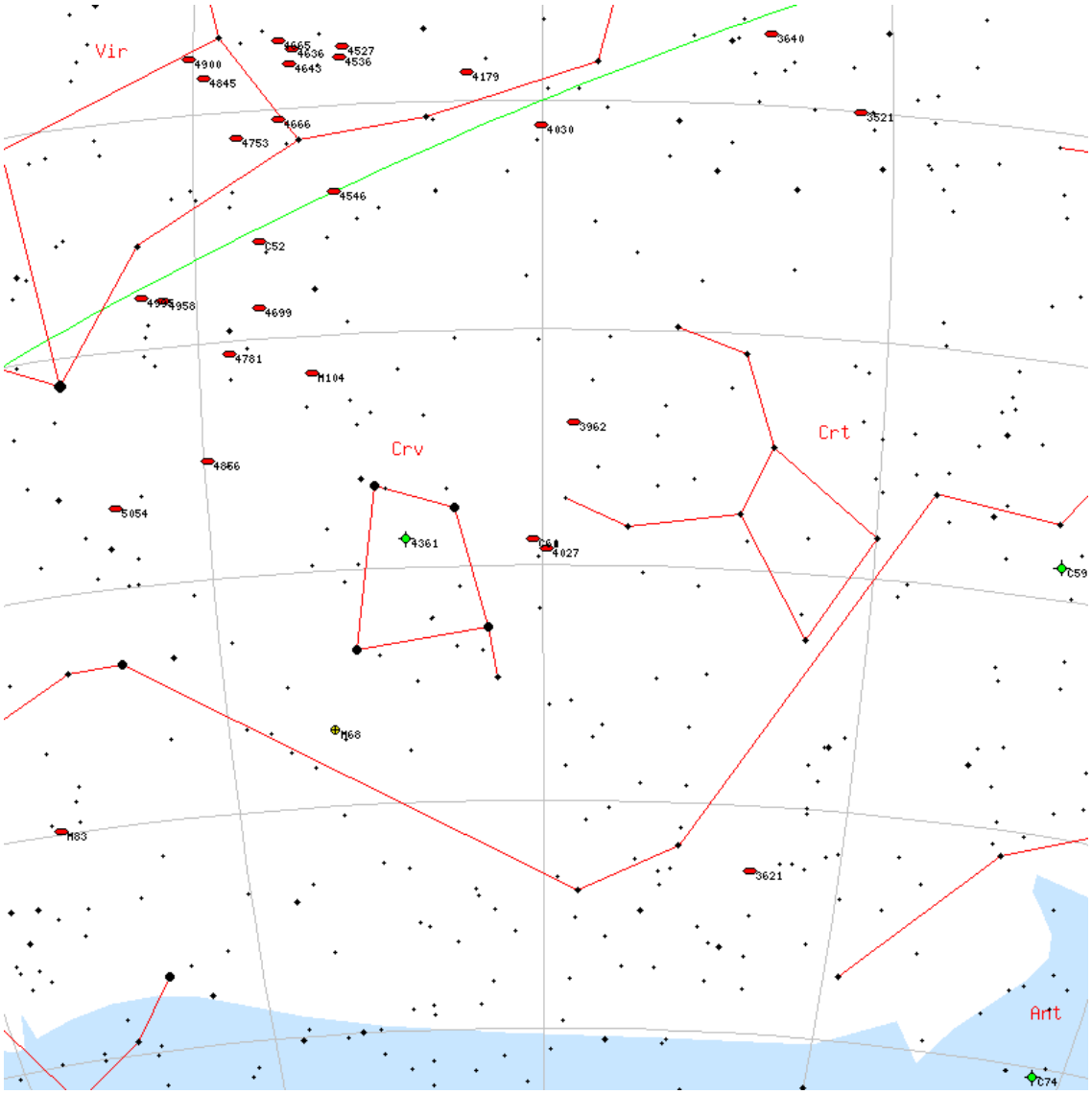
M	NGC3982	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	12	**Size**	2.5 x 2.5
RA	11h 56m	**Dec**	+55d 07m
Name			
Description	B, pL, R, g, sbM disc		

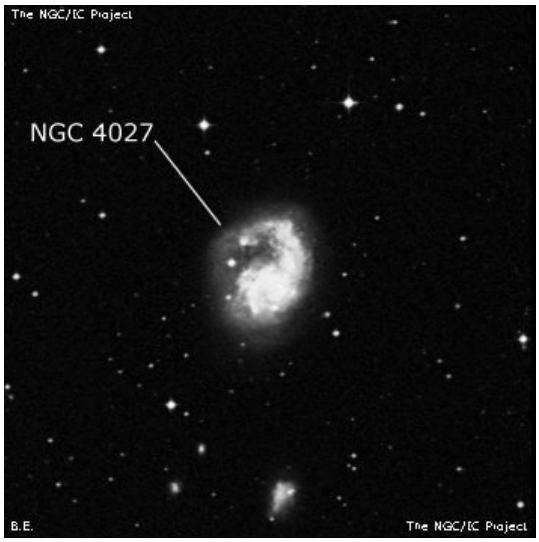




NGC4027

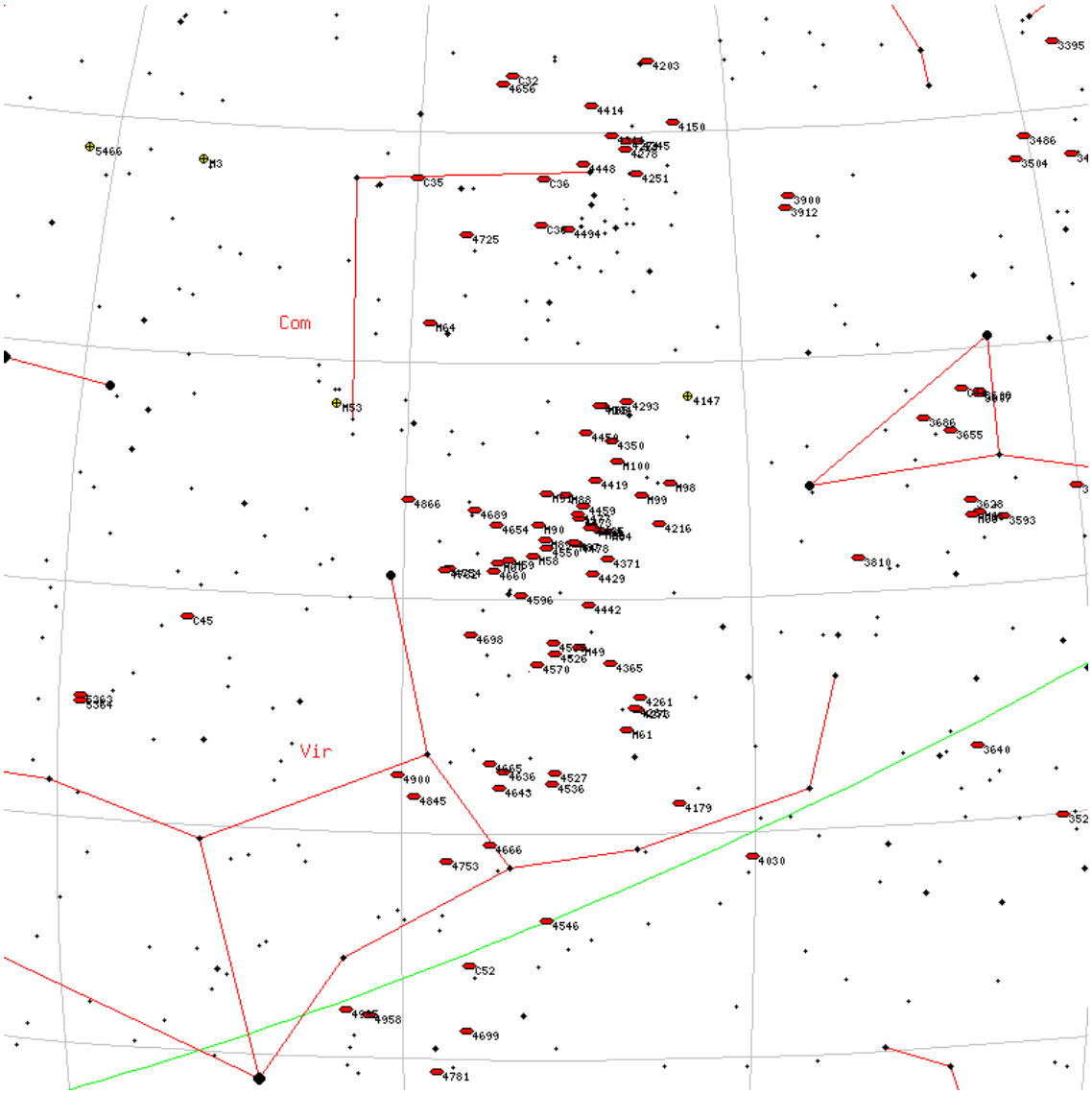
M	NGC4027	**ID**	-
Constellation	Crv	**Type**	Gx
Magnitude	11.1	**Size**	0.5 x 0.3
RA	12h 00m	**Dec**	-19d 16m
Name			
Description	glob. cl. , pF, pL, R, rr, st 16		

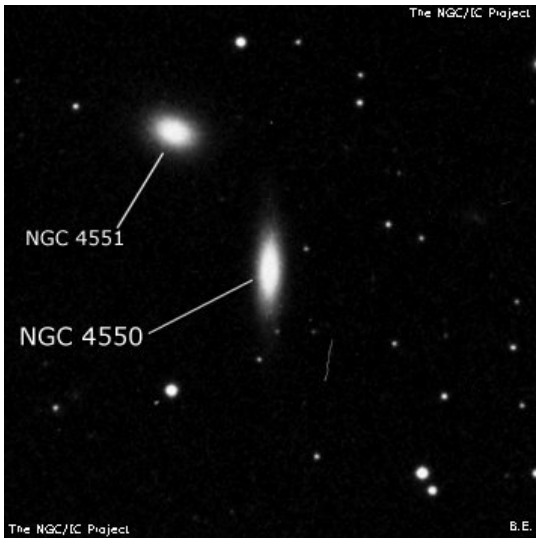




NGC4550

M	NGC4550	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11.6	**Size**	1.7 x 0.5
RA	12h 35m	**Dec**	+12d 13m
Name			
Description	pB, S, vlE, sp of 2		



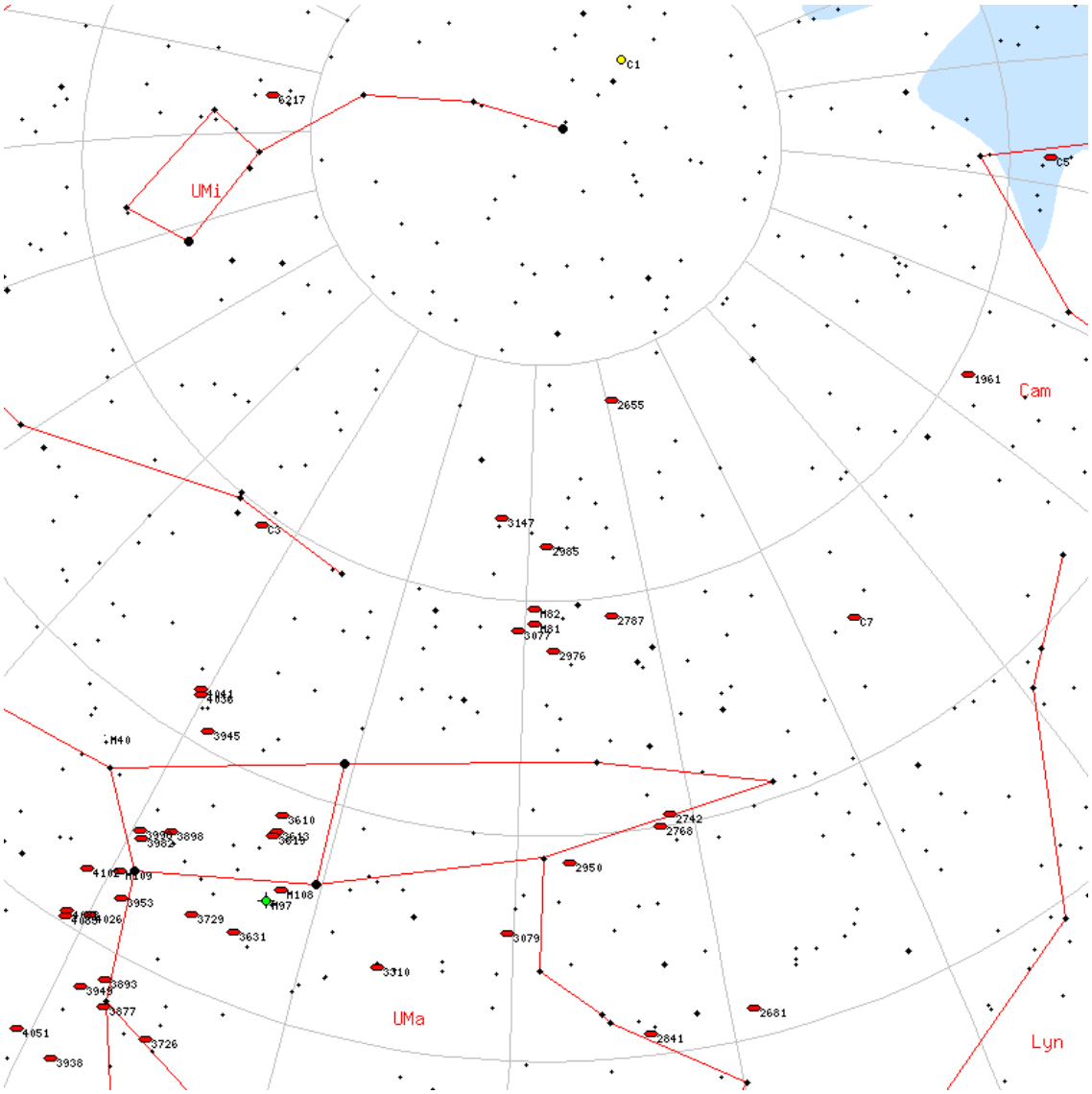


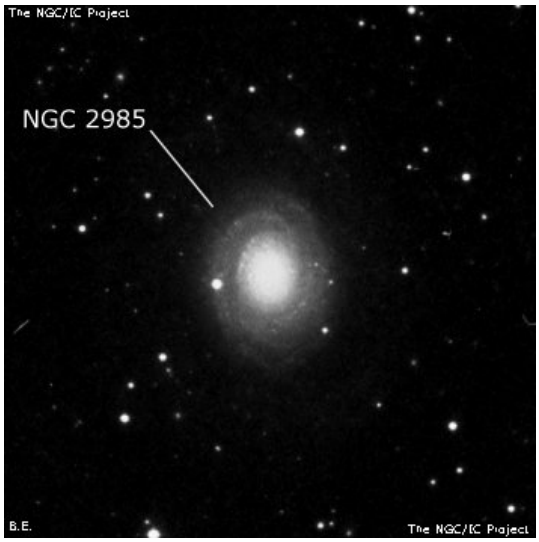
NGC2422

M	NGC2422	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	4.4	**Size**	30 x 30
RA	07h 36m	**Dec**	-14d 30m
Name			
Description	Cl, B, vL, pRi, st L and S		

NGC2985

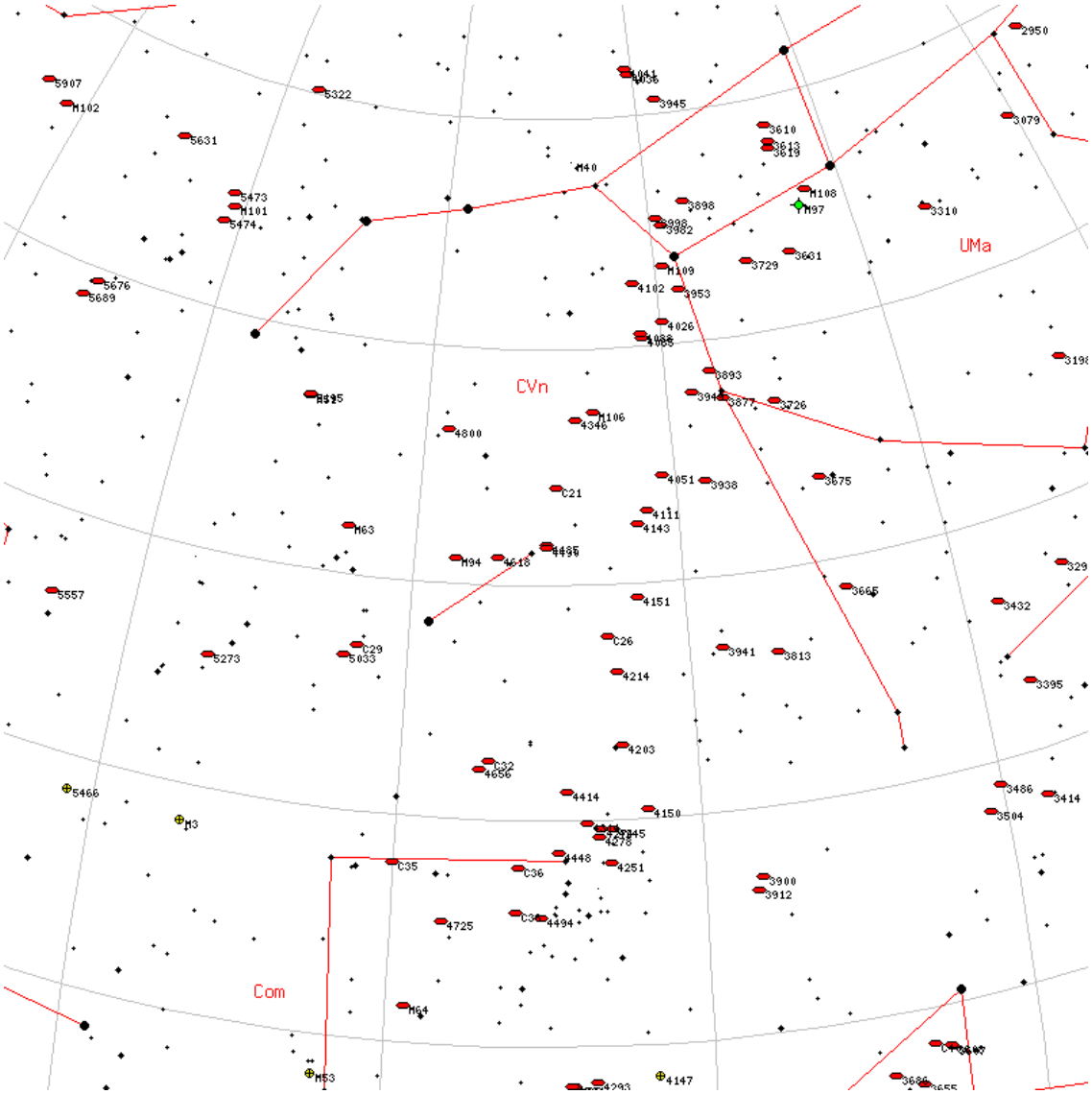
M	NGC2985	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.5	**Size**	2.3 x 1.8
RA	09h 50m	**Dec**	+72d 16m
Name			
Description	vB, cL, R, psmbM, * inv f		

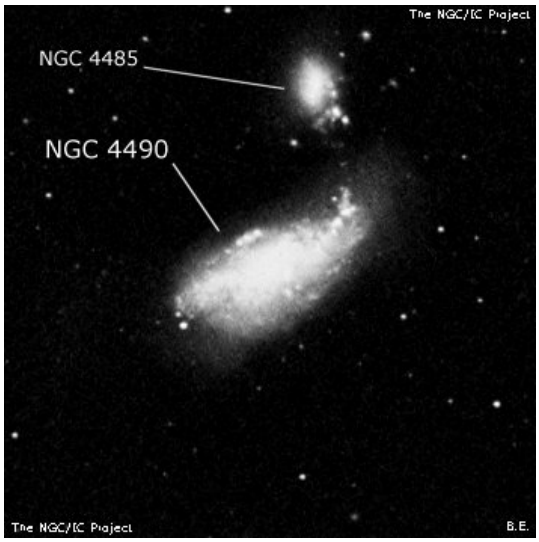




NGC4490

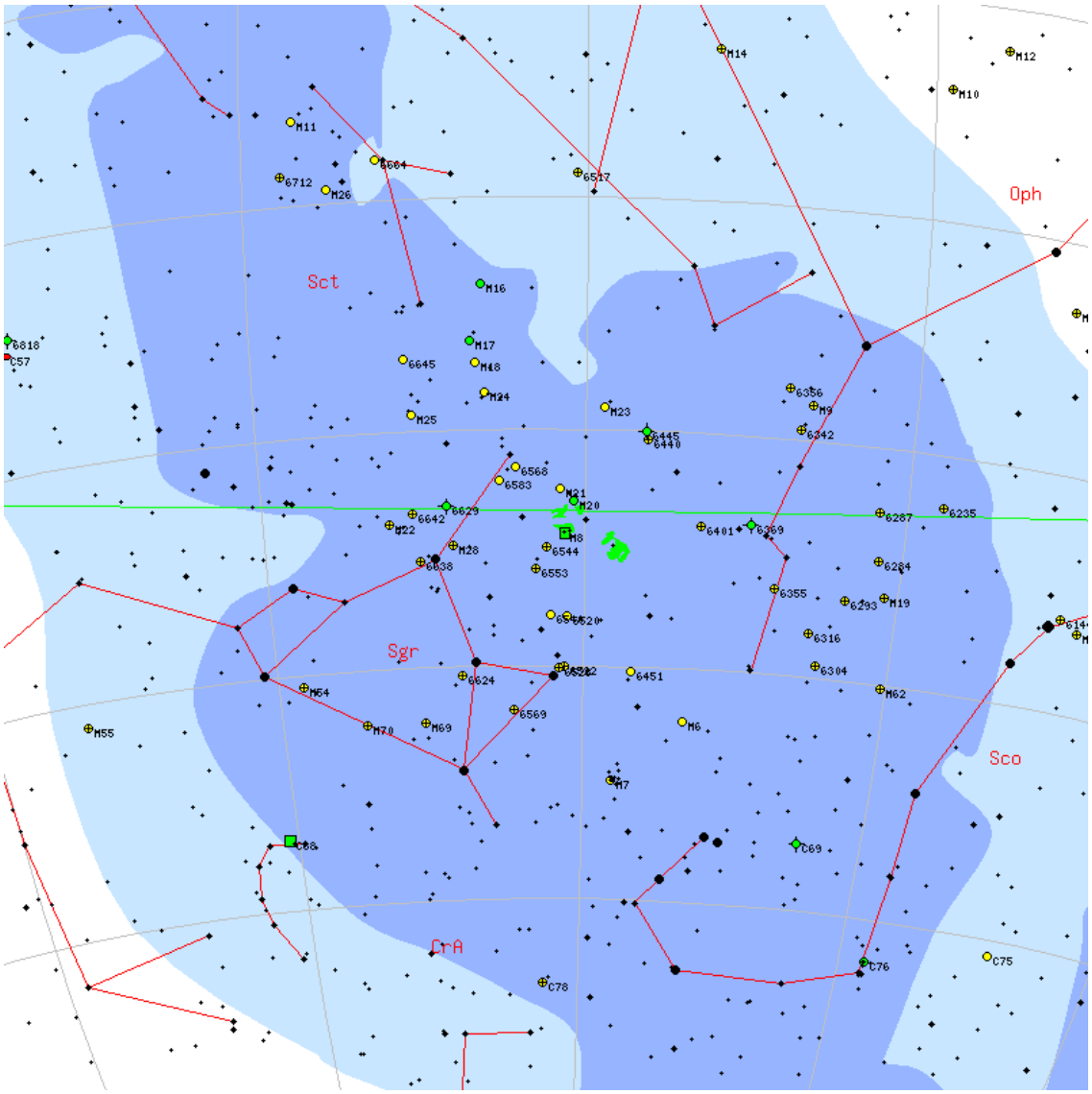
M	NGC4490	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	9.8	**Size**	3.1 x 1.6
RA	12h 30m	**Dec**	+41d 37m
Name			
Description	vB, vL, mE 130deg , r, sf of 2		

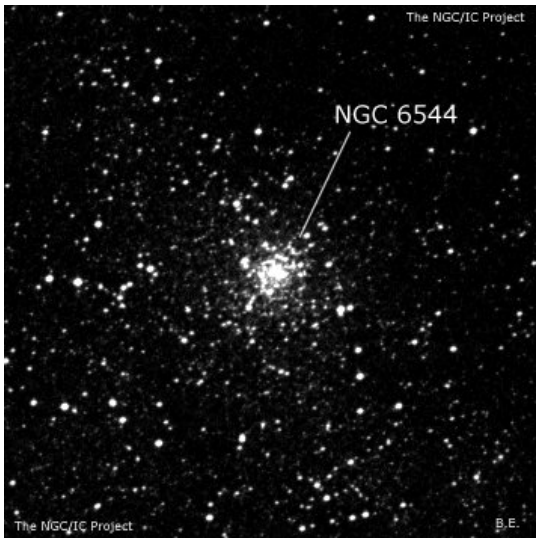




NGC6544

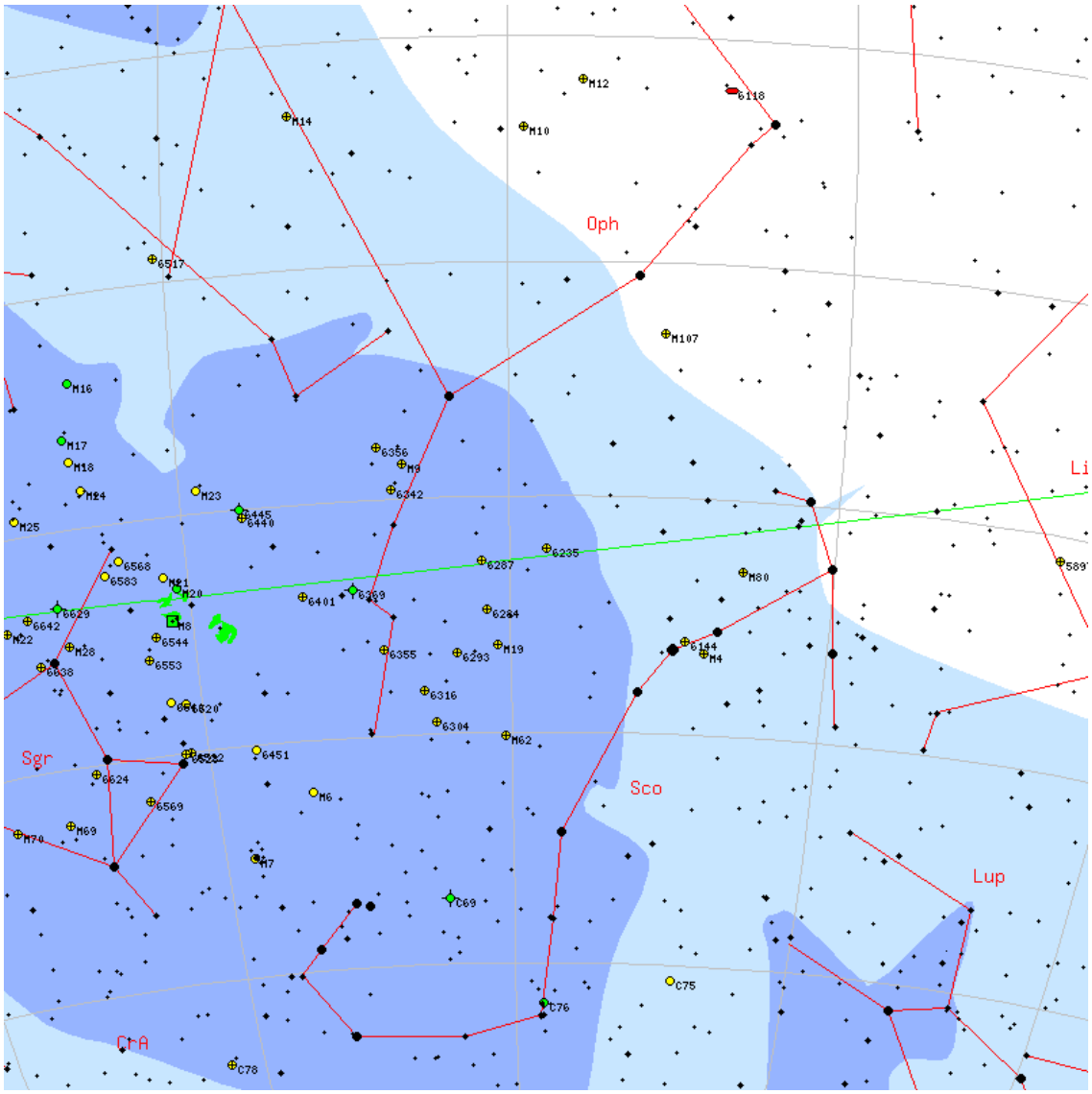
M	NGC6544	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	8.3	**Size**	8.9 x 8.9
RA	18h 07m	**Dec**	-25d 00m
Name			
Description	cF, pL, iR, r		





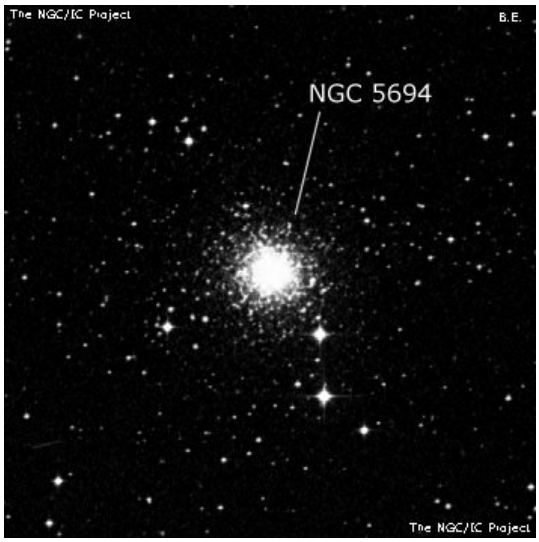
NGC6235

M	NGC6235	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	10.2	**Size**	5 x 5
RA	16h 53m	**Dec**	-22d 10m
Name			
Description	pB, cL, iR, rrr, st 14...16		



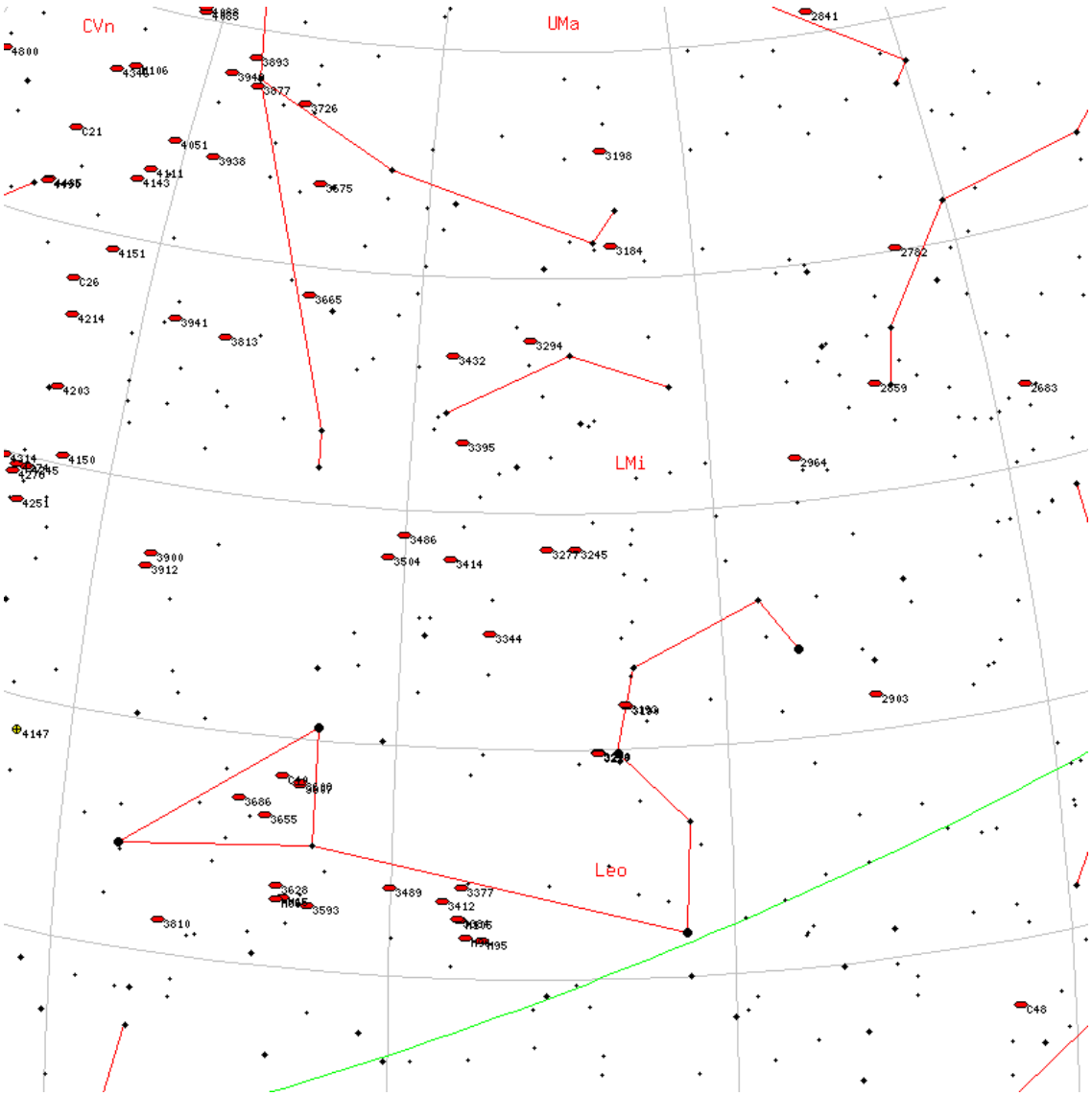
NGC5694

M	NGC5694	**ID**	-
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		



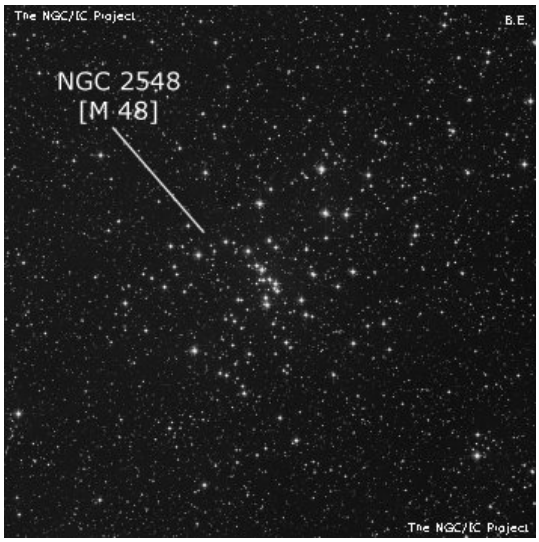
NGC3277

M	NGC3277	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	11.7	**Size**	2 x 2
RA	10h 32m	**Dec**	+28d 31m
Name			
Description	cB, cS, R, pgmbM		



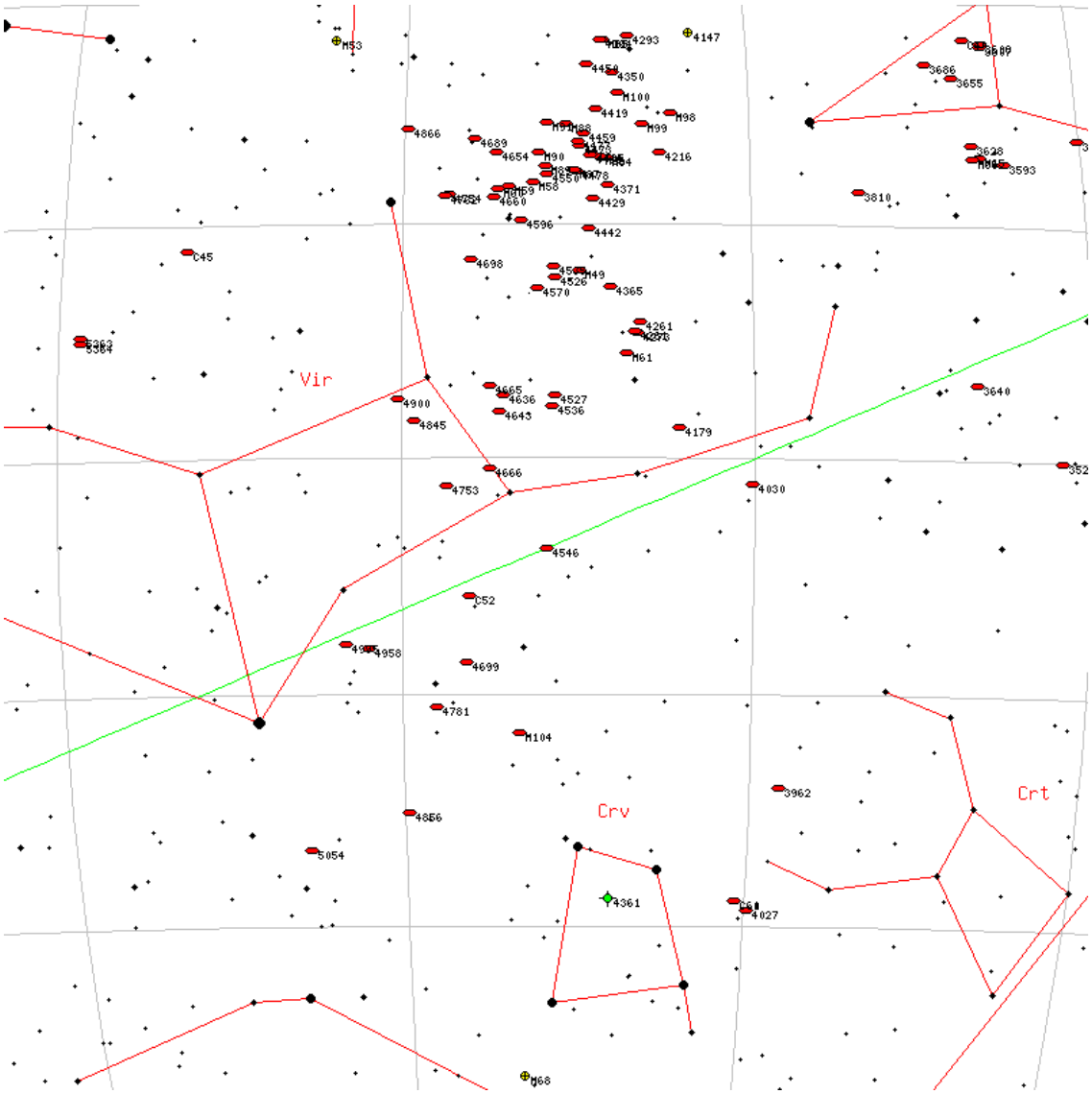
NGC2548

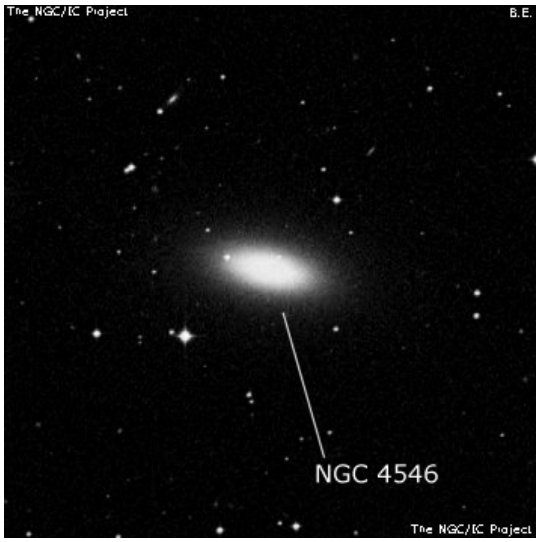
M	NGC2548	**ID**	-
Constellation	Hya	**Type**	OC
Magnitude	5.8	**Size**	54 x 54
RA	08h 13m	**Dec**	-05d 47m
Name			
Description	Cl, vL, pRi, pmC, st 9...13		



NGC4546

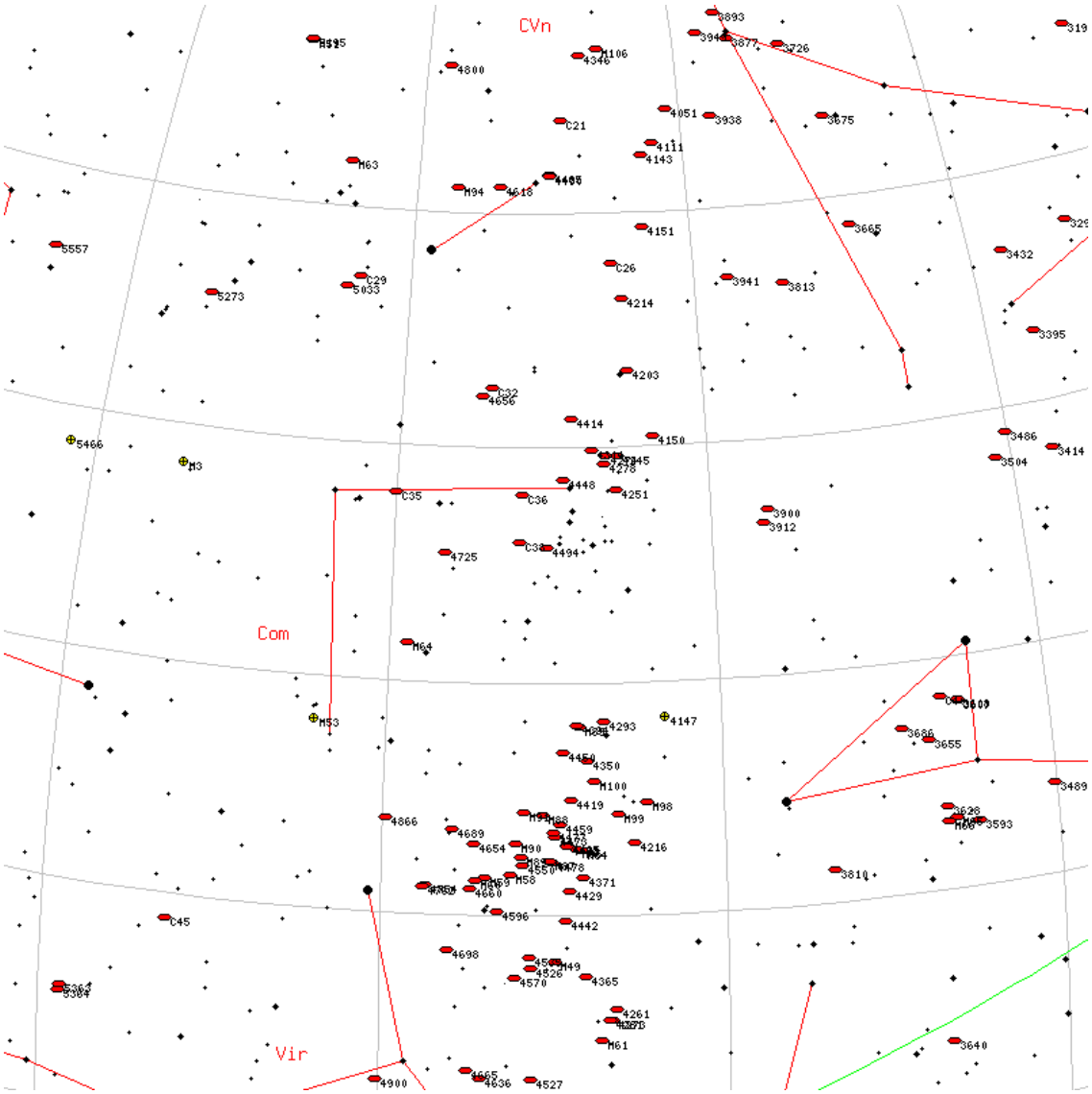
M	NGC4546	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.3	**Size**	1.7 x 0.7
RA	12h 35m	**Dec**	-03d 47m
Name			
Description	vB, cL, pmE 78deg , vsmbMN		

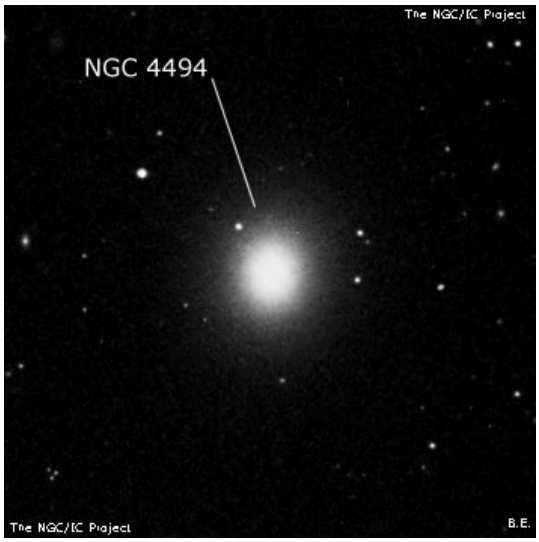




NGC4494

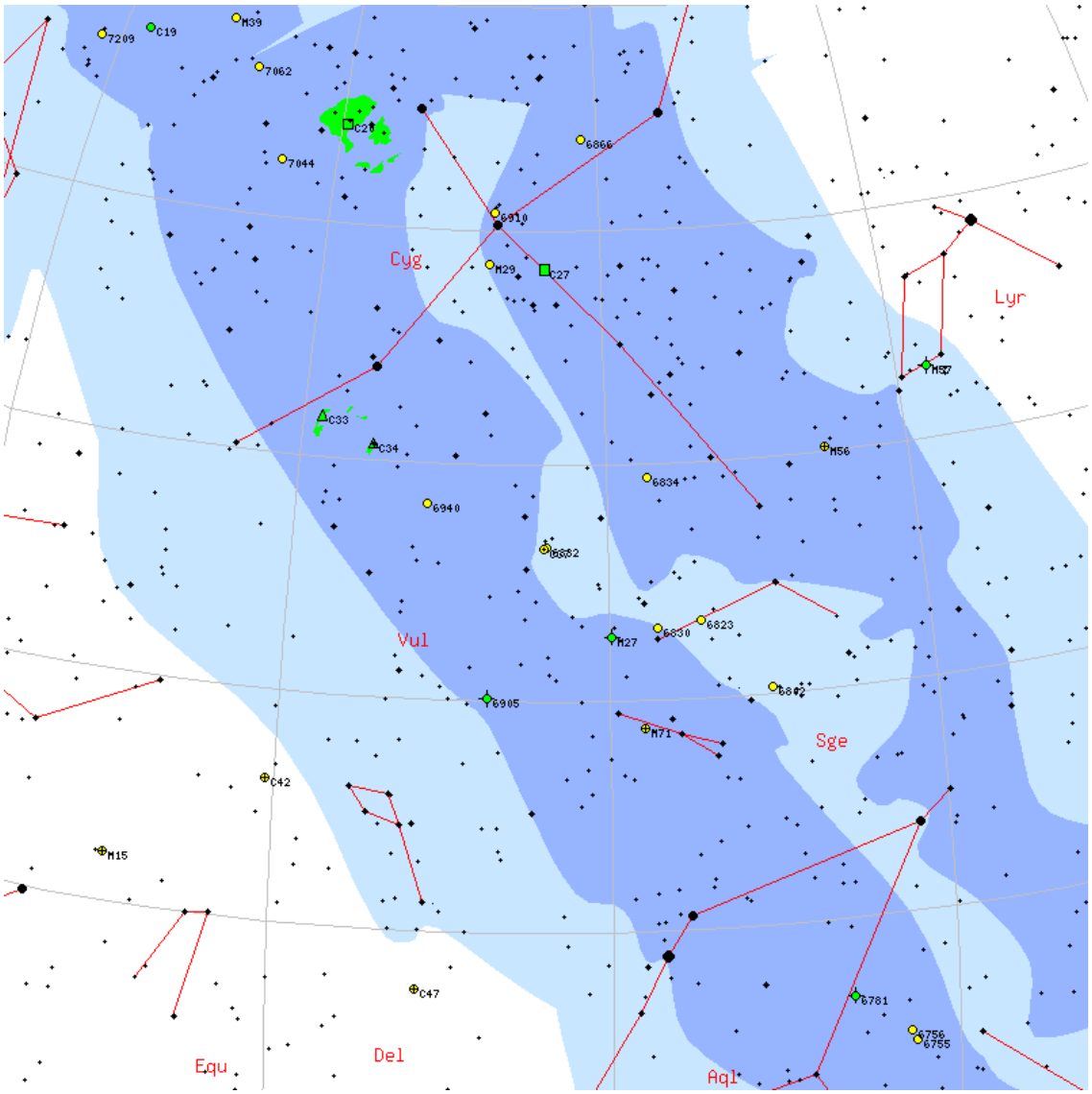
M	NGC4494	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	9.9	**Size**	4.8 x 4.8
RA	12h 31m	**Dec**	+25d 46m
Name			
Description	vB, pL, R, vsmbMN		





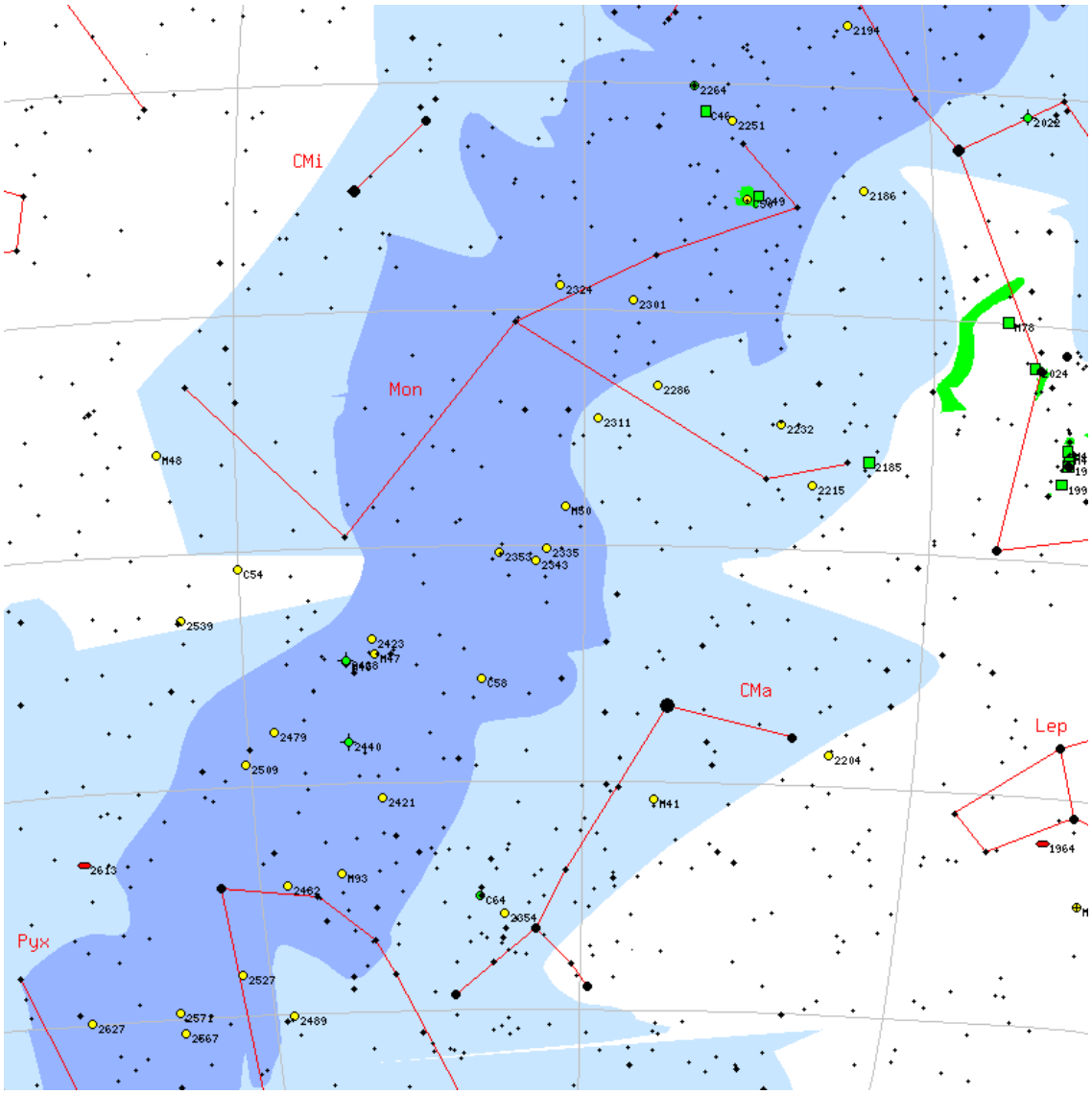
NGC6882

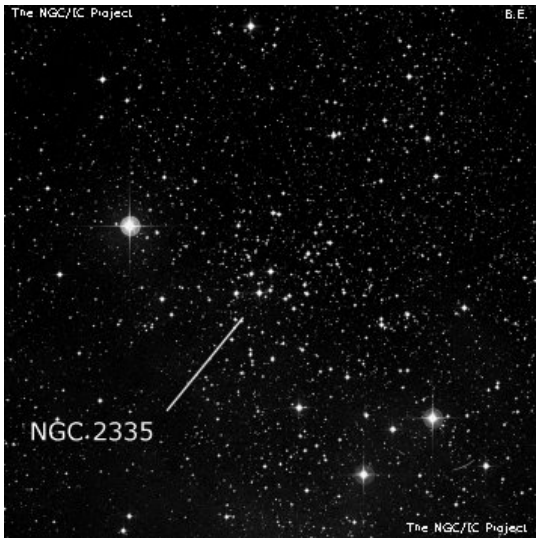
M	NGC6882	**ID**	-
Constellation	Vul	**Type**	OC
Magnitude	8.1	**Size**	18 x 18
RA	20h 11m	**Dec**	+26d 33m
Name			
Description	Cl, P, IC		



NGC2335

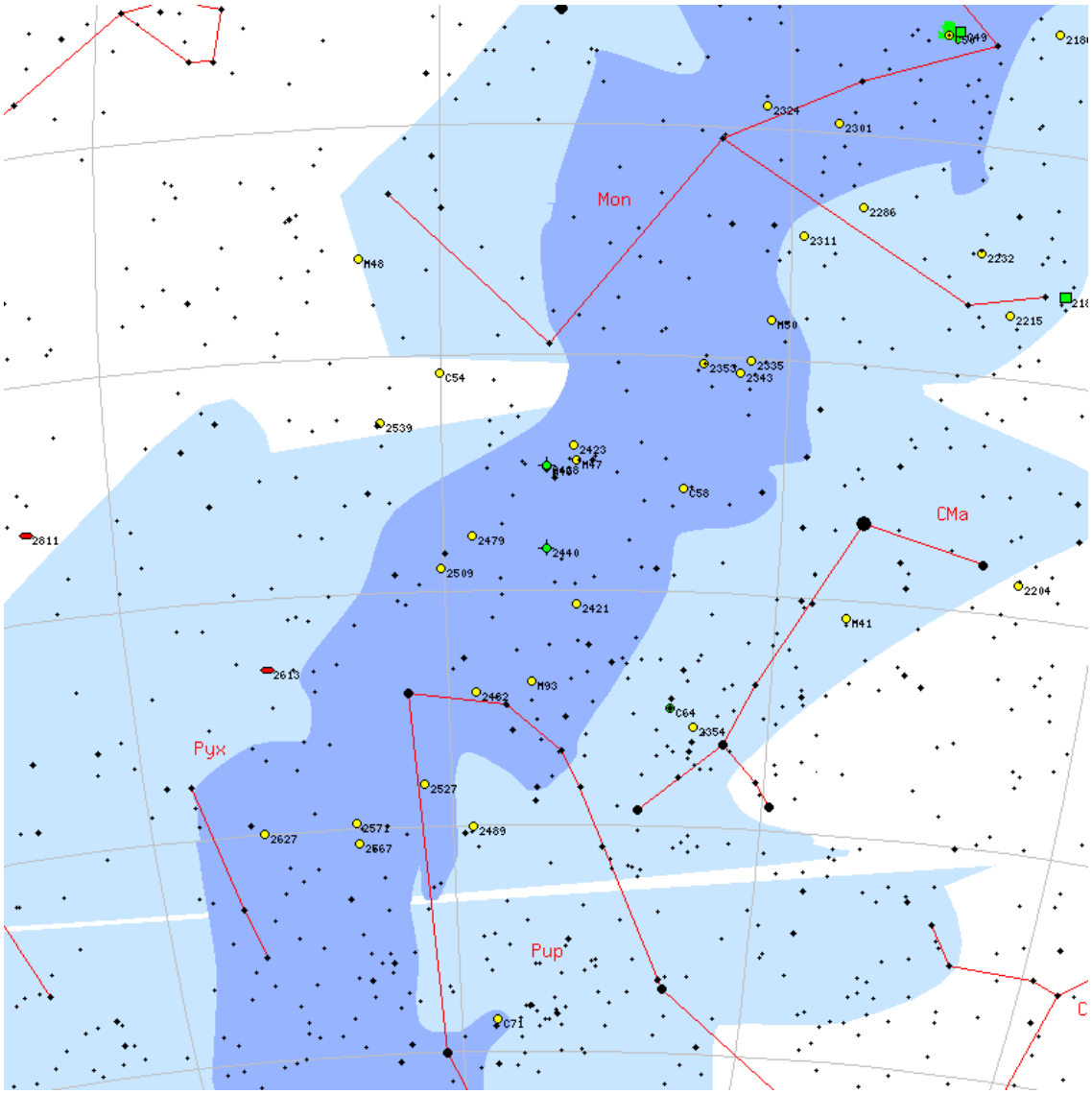
M	NGC2335	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	7.2	**Size**	12 x 12
RA	07h 06m	**Dec**	-10d 04m
Name			
Description	Cl, L, IC		

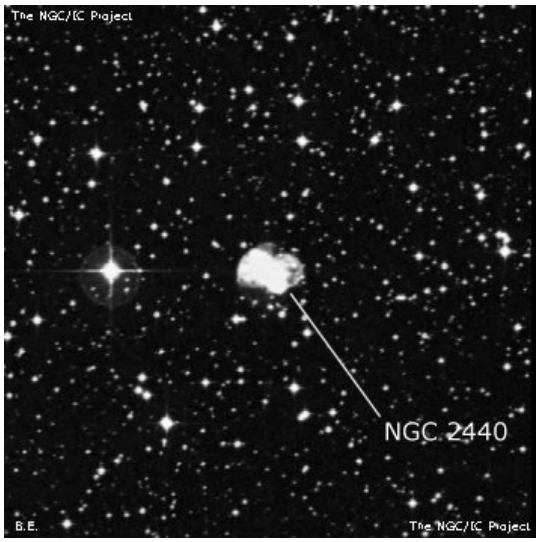




NGC2440

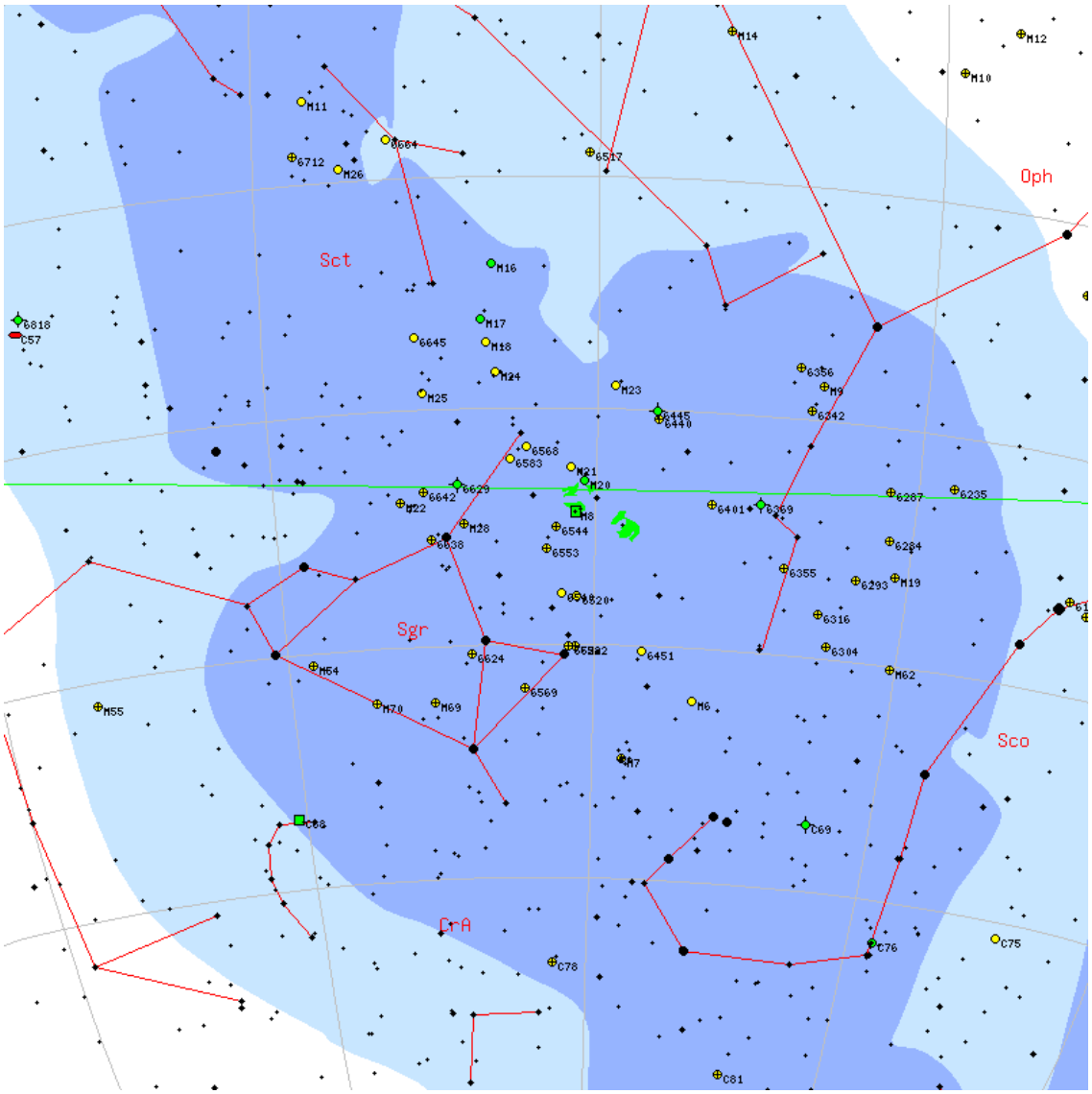
M	NGC2440	**ID**	-
Constellation	Pup	**Type**	Pl
Magnitude	11	**Size**	0.5 x 0.5
RA	07h 41m	**Dec**	-18d 13m
Name			
Description	PN , cB, not v well def		





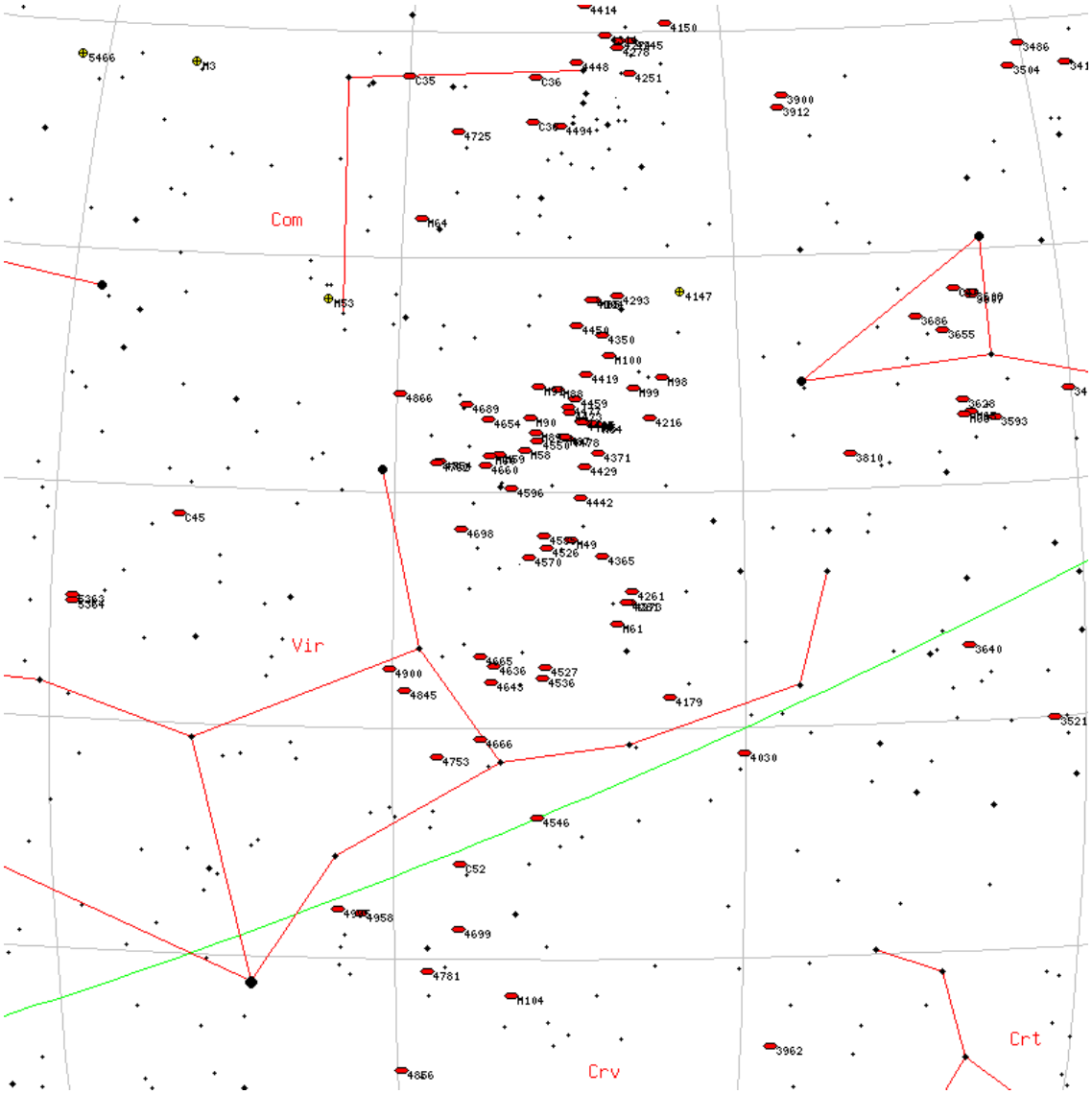
NGC6553

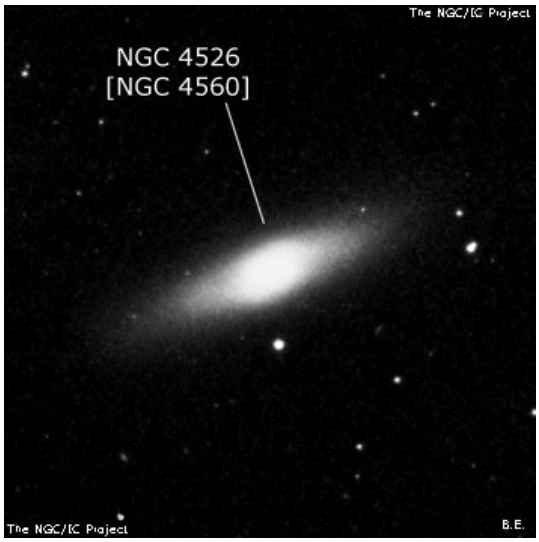
M	NGC6553	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	8.3	**Size**	8.1 x 8.1
RA	18h 09m	**Dec**	-25d 53m
Name			
Description	glob. cl. , F, L, IE, vglbM, rr, st 20		



NGC4526

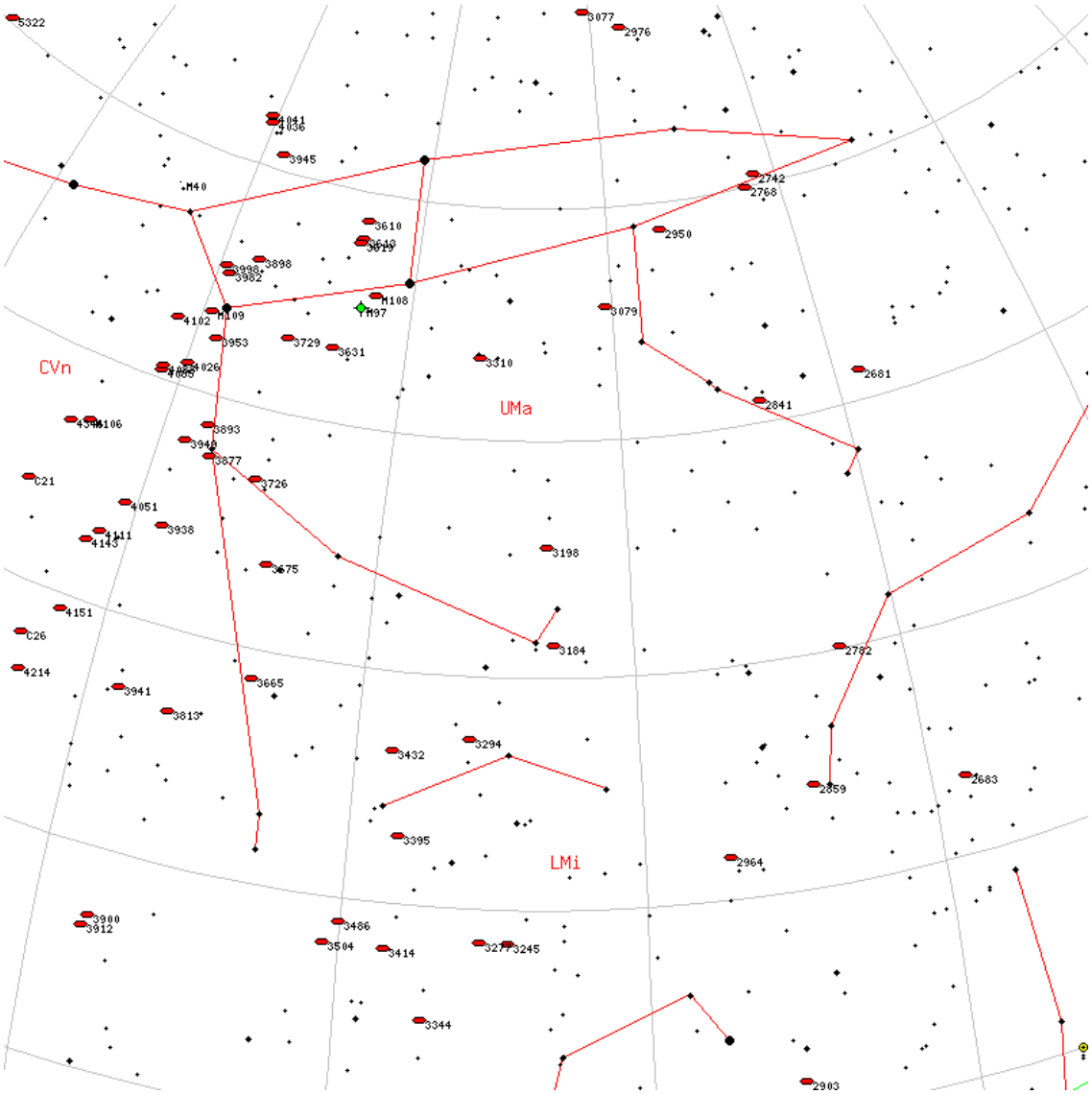
M	NGC4526	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	9.6	**Size**	3.6 x 1.2
RA	12h 34m	**Dec**	+07d 42m
Name			
Description	vB, vL, mE 120deg +/- , psmbM, bet 2 st 7m		

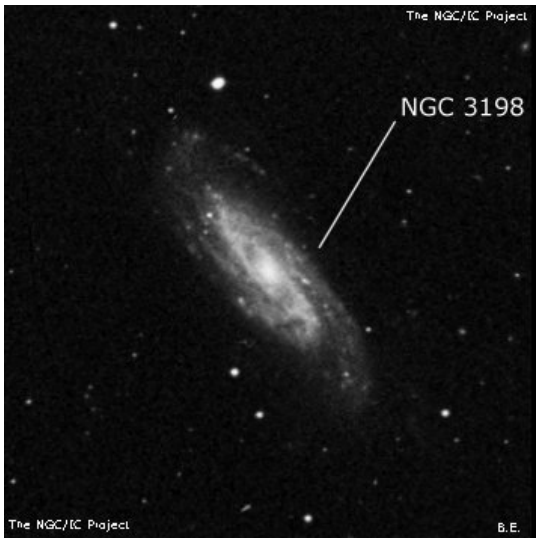




NGC3198

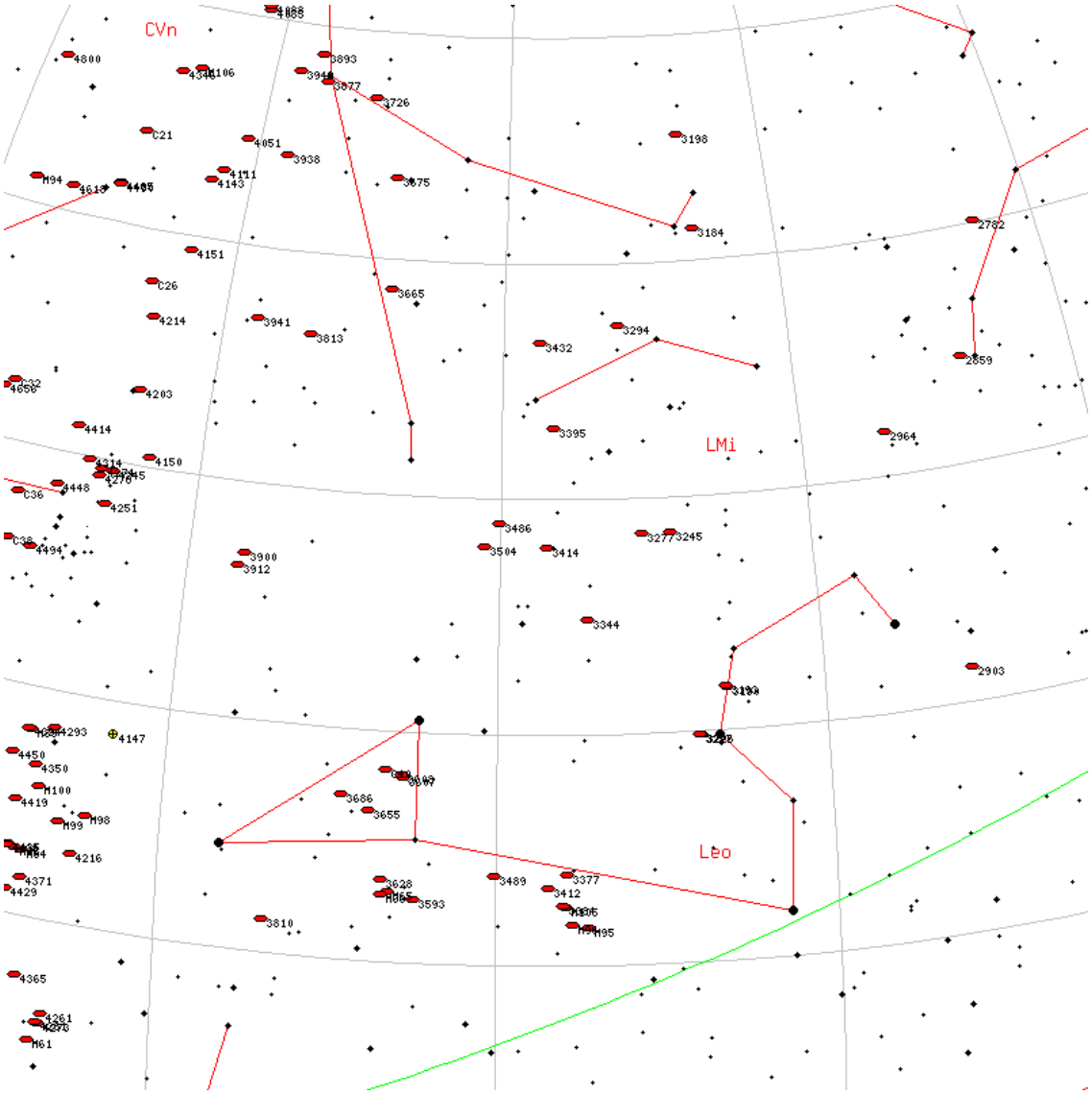
M	NGC3198	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.4	**Size**	4.3 x 1.7
RA	10h 19m	**Dec**	+45d 32m
Name			
Description	pB, vL, mE 45deg , vgbM		

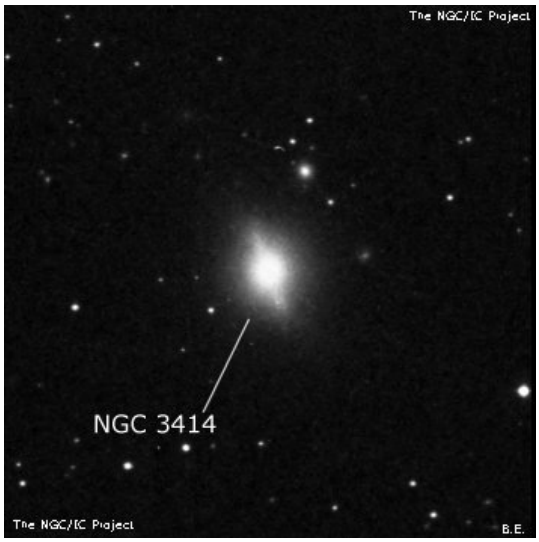




NGC3414

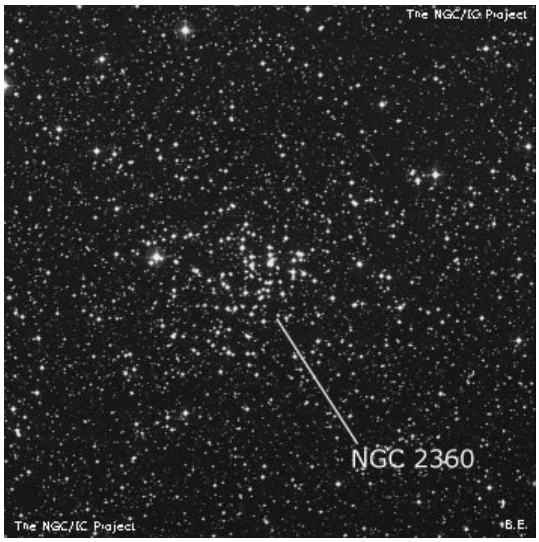
M	NGC3414	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	10.8	**Size**	3.6 x 3.6
RA	10h 51m	**Dec**	+27d 58m
Name			
Description	B, pL, R, mbM		





NGC2360

M	NGC2360	**ID**	-
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		

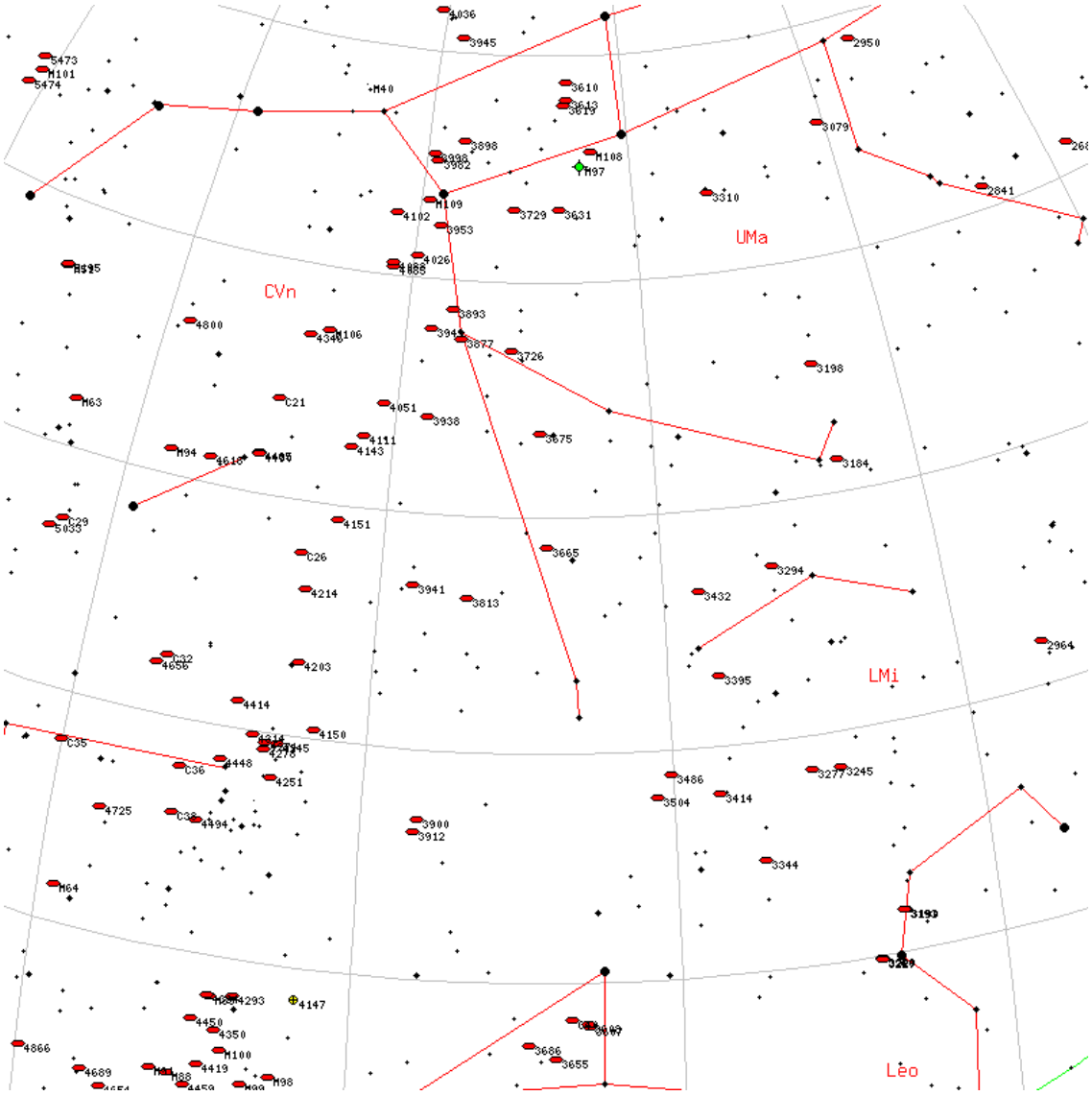


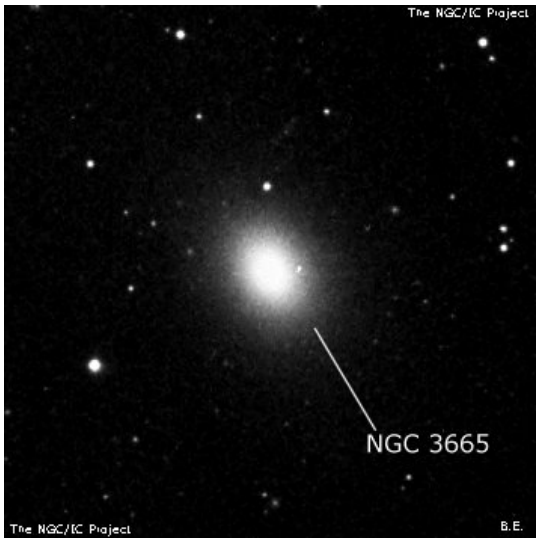
NGC3379

M	NGC3379	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	9.3	**Size**	4.5 x 4.5
RA	10h 47m	**Dec**	+12d 34m
Name			
Description	vB, cL, R, psbM, r		

NGC3665

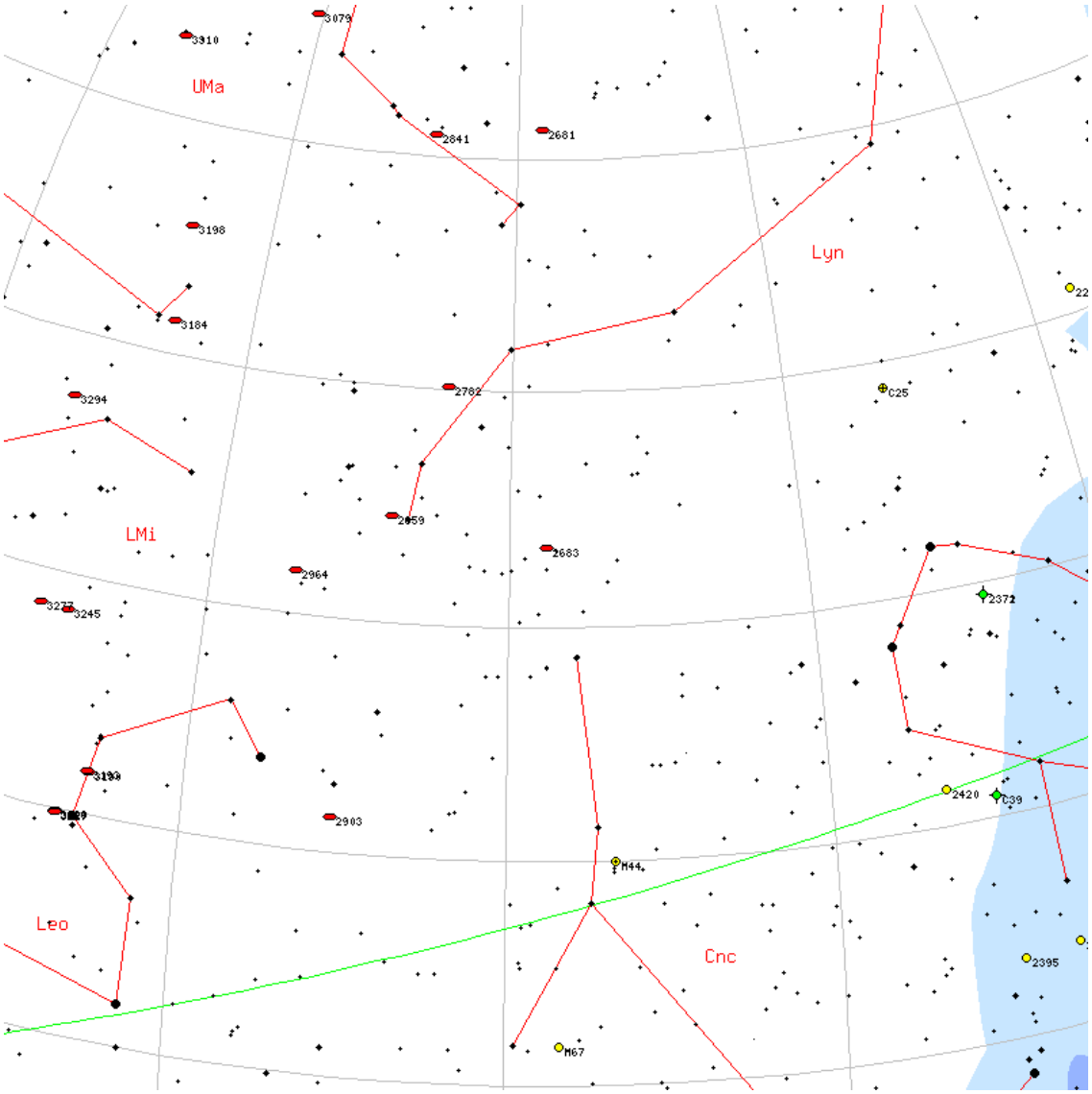
M	NGC3665	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.8	**Size**	1.2 x 1
RA	11h 24m	**Dec**	+38d 46m
Name			
Description	cB, cL, iR, pgmbM		





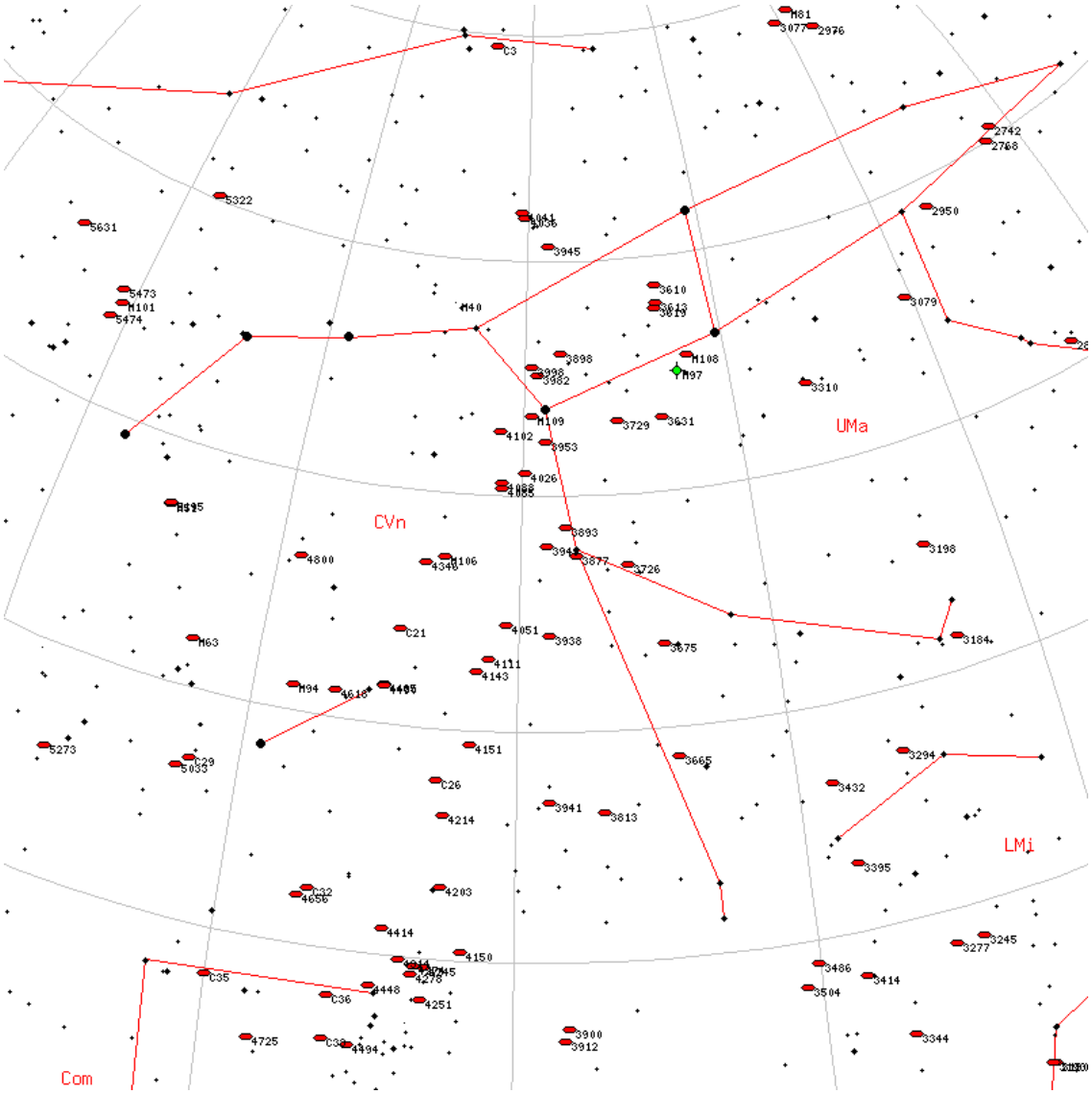
NGC2683

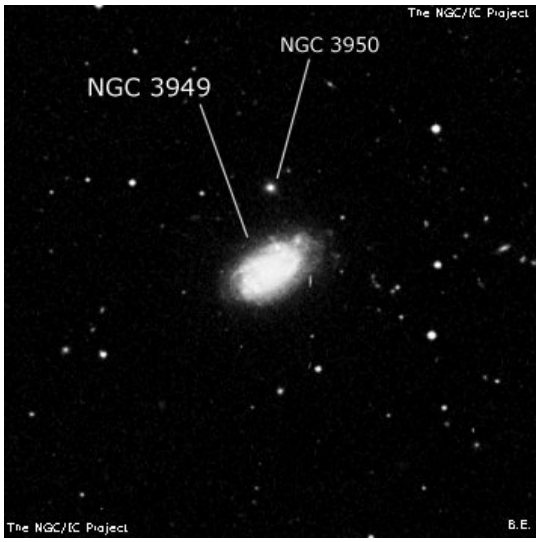
M	NGC2683	**ID**	-
Constellation	Lyn	**Type**	Gx
Magnitude	9.7	**Size**	4.7 x 1.1
RA	08h 52m	**Dec**	+33d 25m
Name			
Description	vB, vL, vmE 39deg , gmbM		



NGC3949

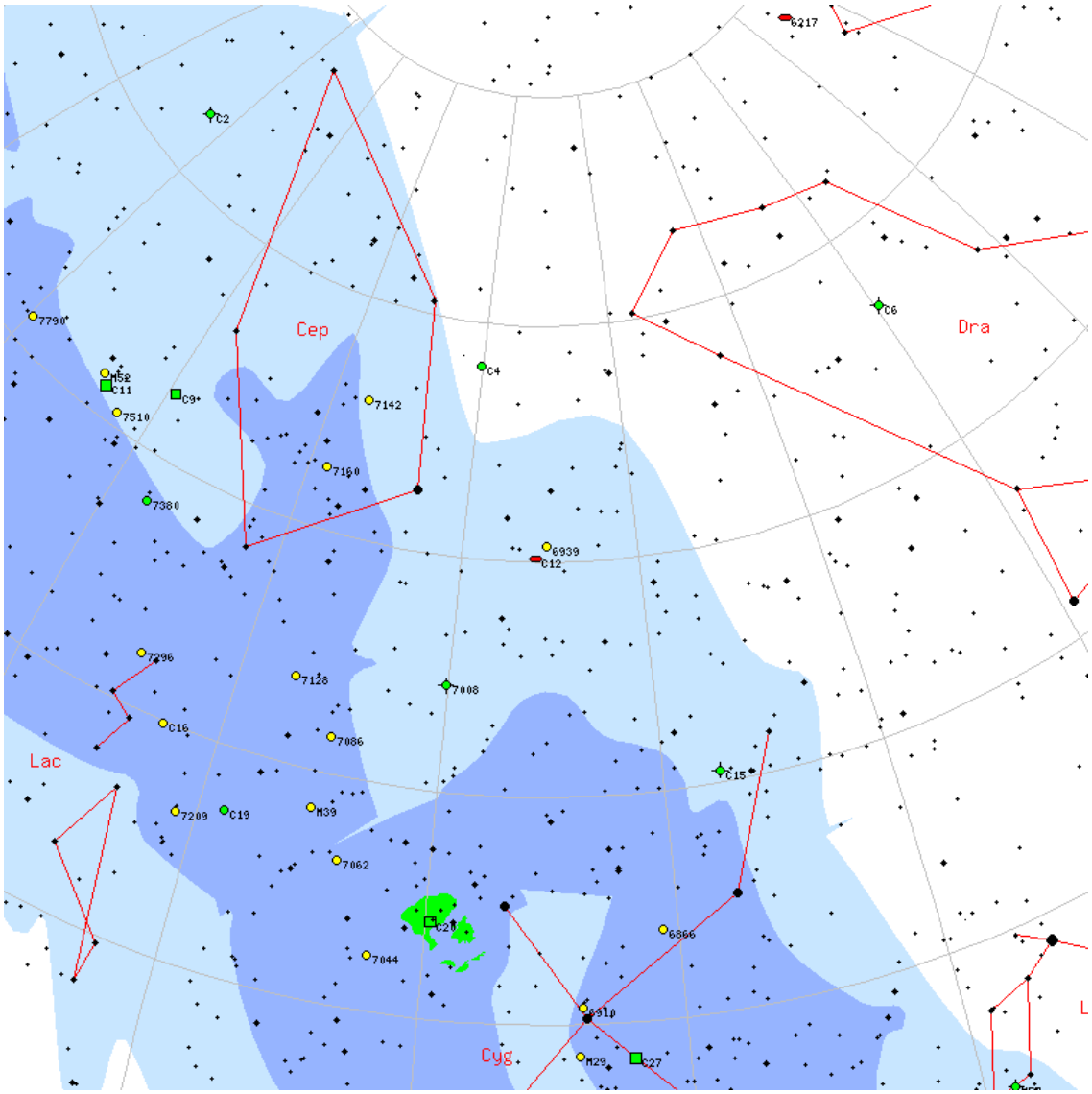
M	NGC3949	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11	**Size**	1.4 x 0.8
RA	11h 53m	**Dec**	+47d 52m
Name			
Description	cB, pL, pmE, vgbM		





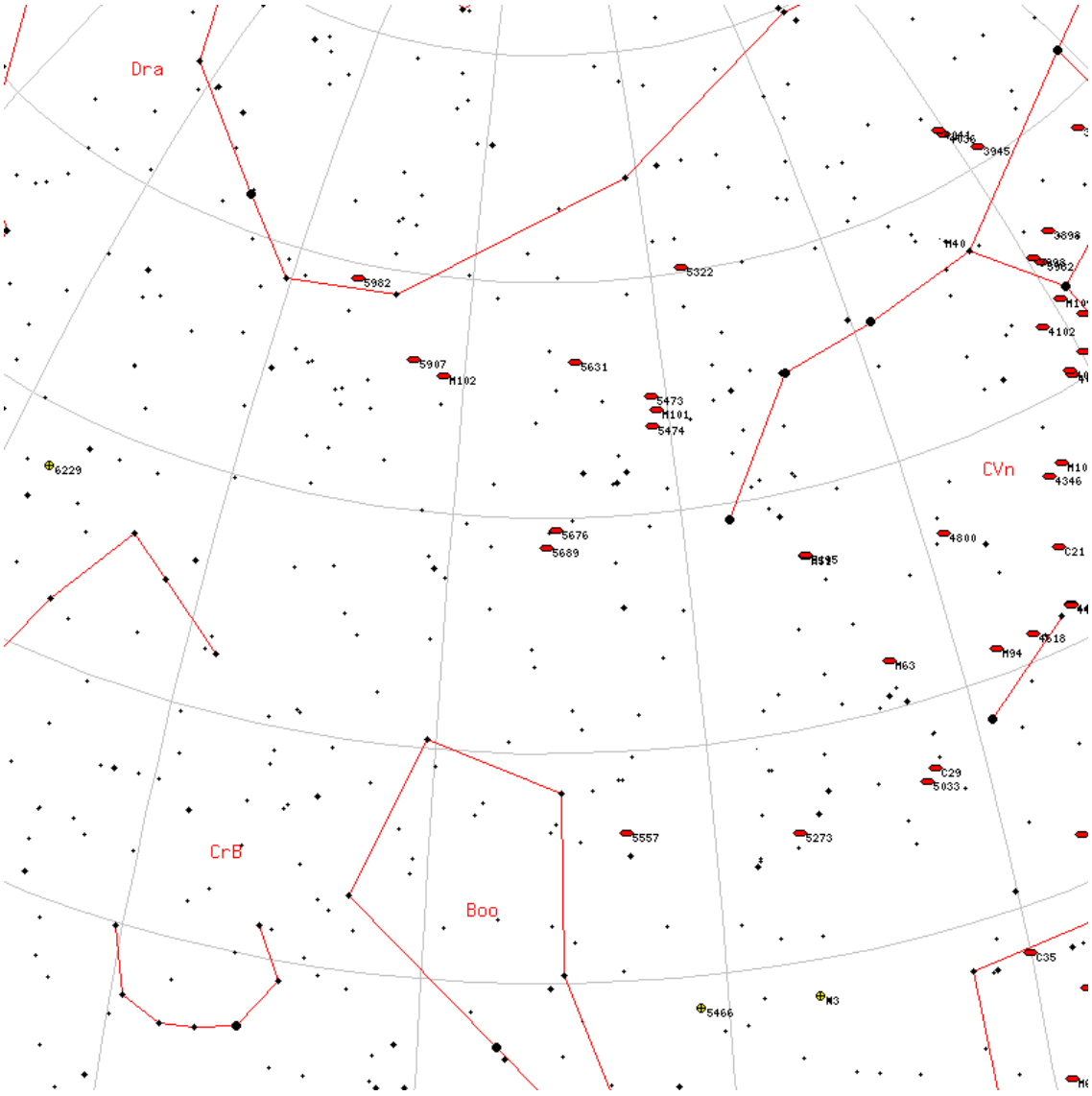
NGC6939

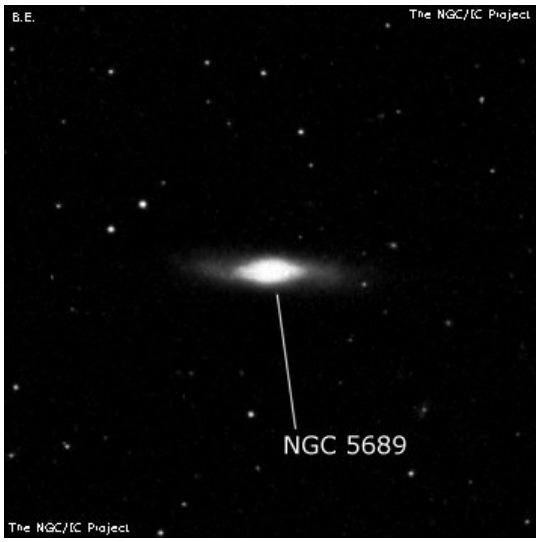
M	NGC6939	**ID**	-
Constellation	Cep	**Type**	OC
Magnitude	7.8	**Size**	8 x 8
RA	20h 31m	**Dec**	+60d 37m
Name			
Description	Cl, pL, eRi, pCM, st 11...16		



NGC5689

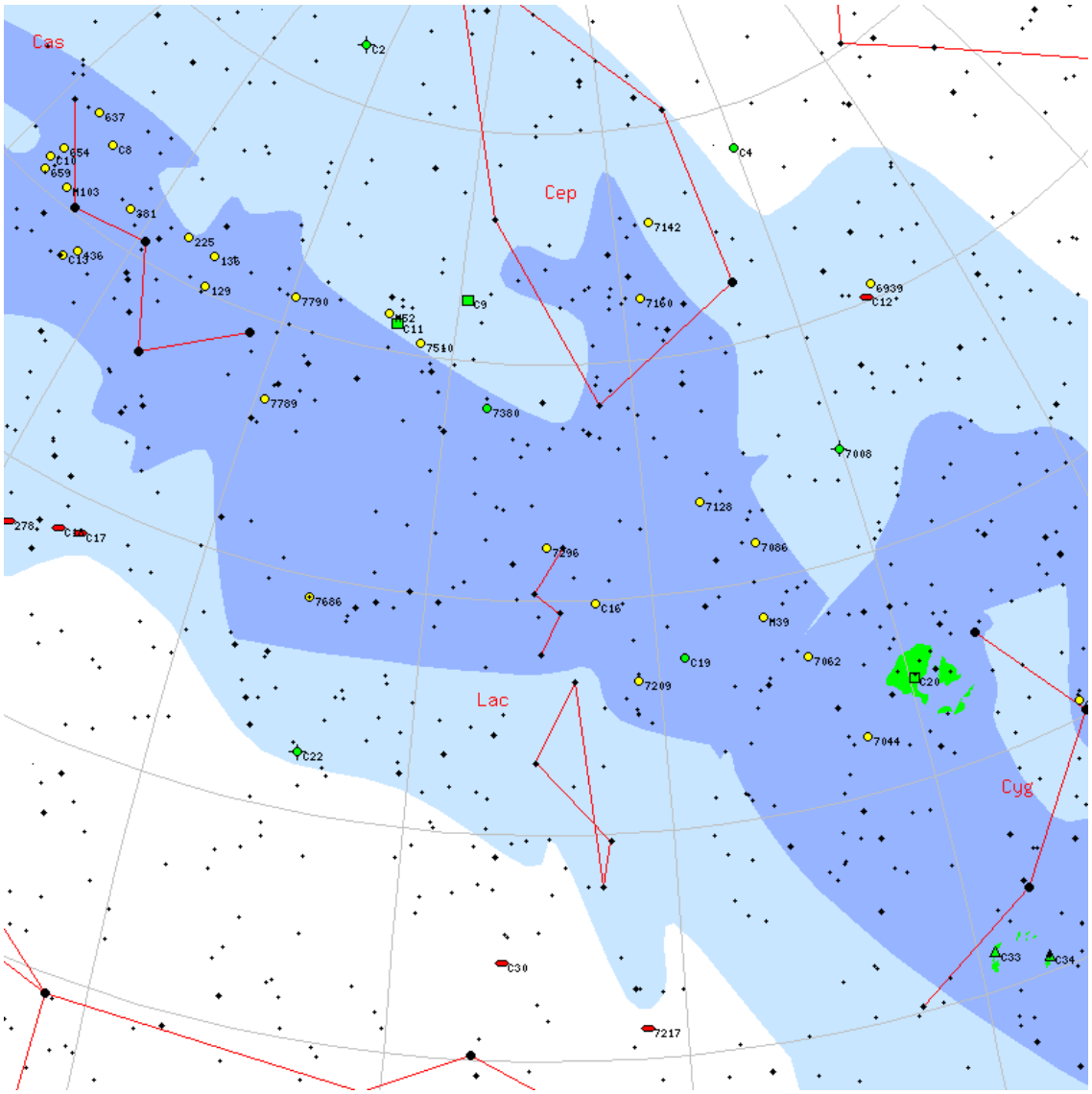
M	NGC5689	**ID**	-
Constellation	Boo	**Type**	Gx
Magnitude	11.9	**Size**	1.7 x 0.5
RA	14h 35m	**Dec**	+48d 45m
Name			
Description	cB, pL, E 87deg , psmbM		

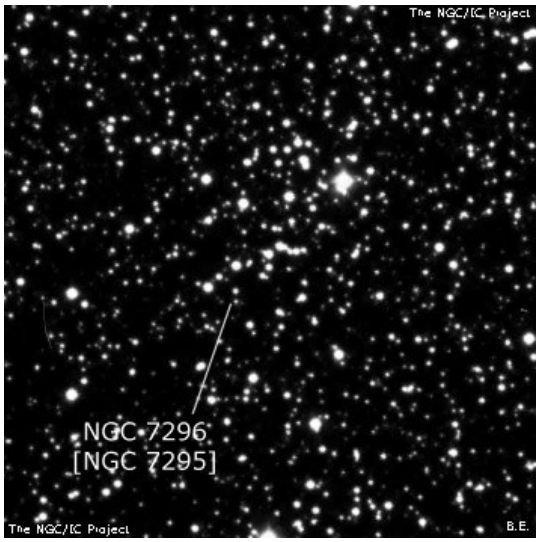




NGC7296

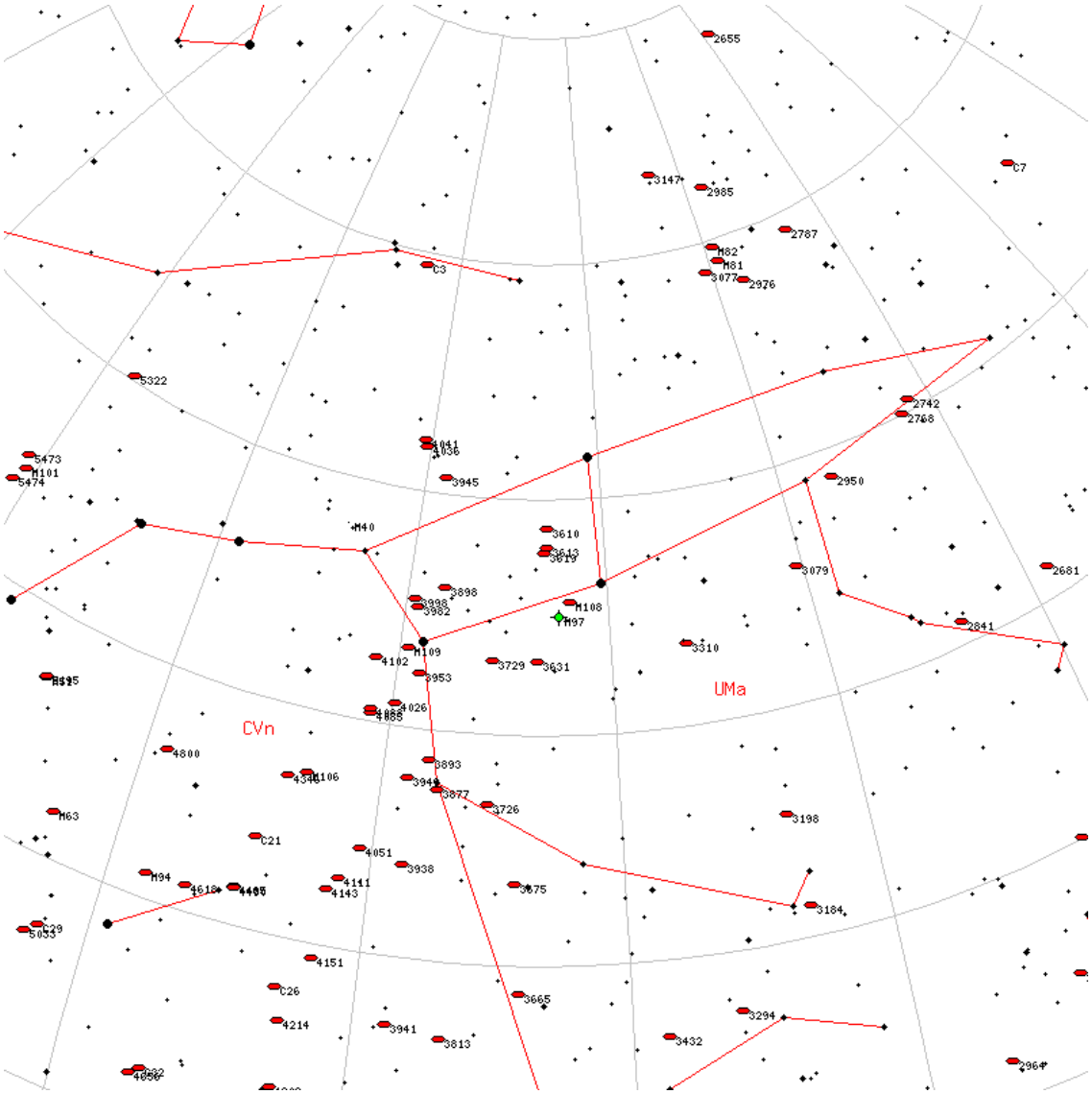
M	NGC7296	**ID**	-
Constellation	Lac	**Type**	OC
Magnitude	10	**Size**	4 x 4
RA	22h 28m	**Dec**	+52d 16m
Name			
Description	Cl, iR, IC, st vS		

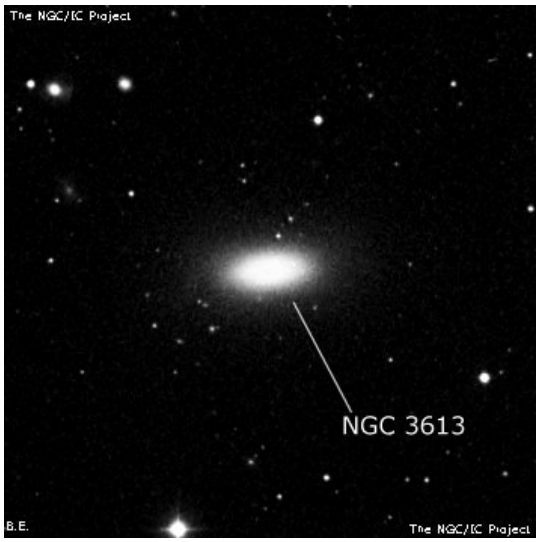




NGC3613

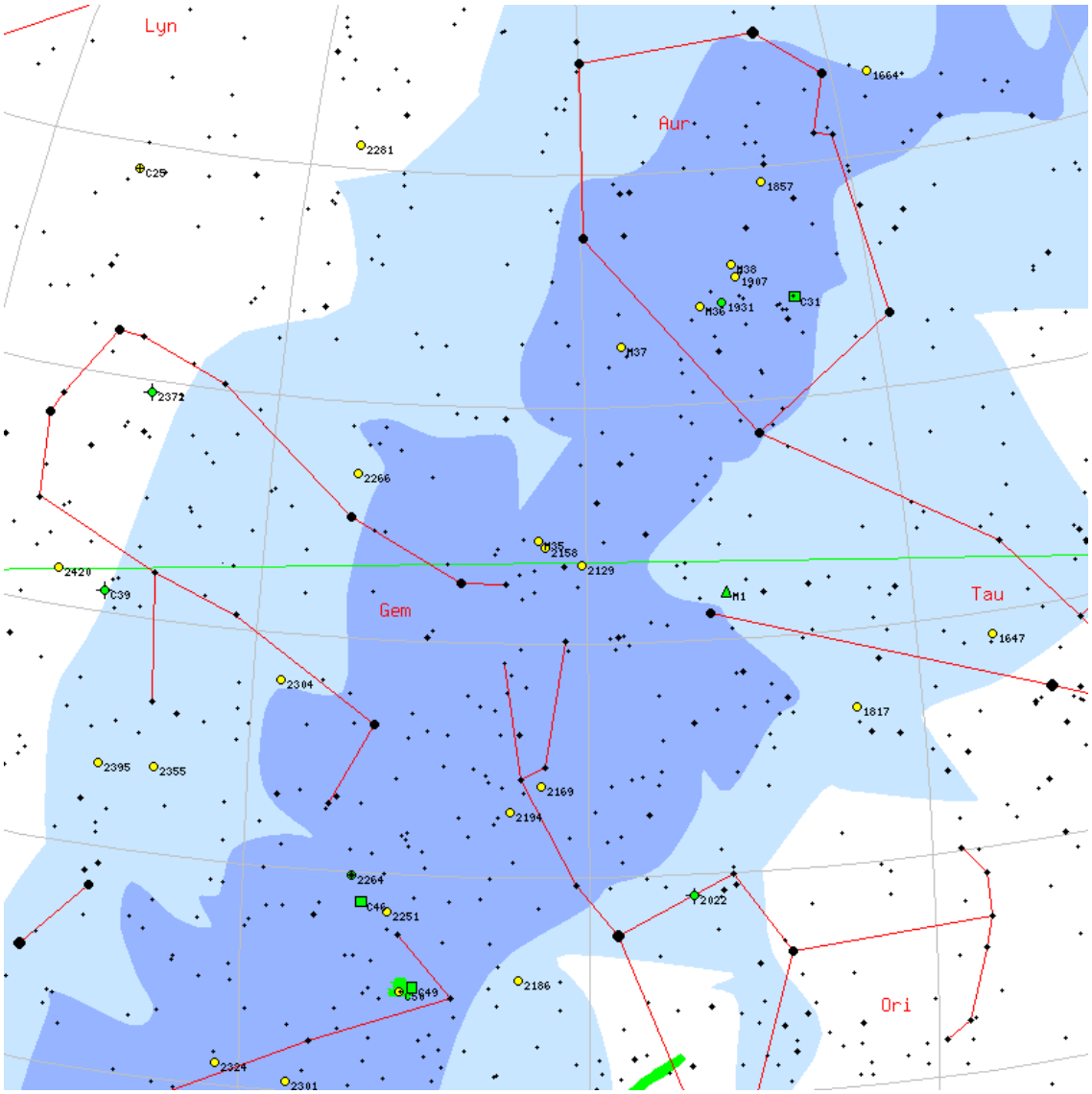
M	NGC3613	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	12	**Size**	2 x 0.9
RA	11h 18m	**Dec**	+58d 00m
Name			
Description	vB, cL, mE 305deg , smbMN		





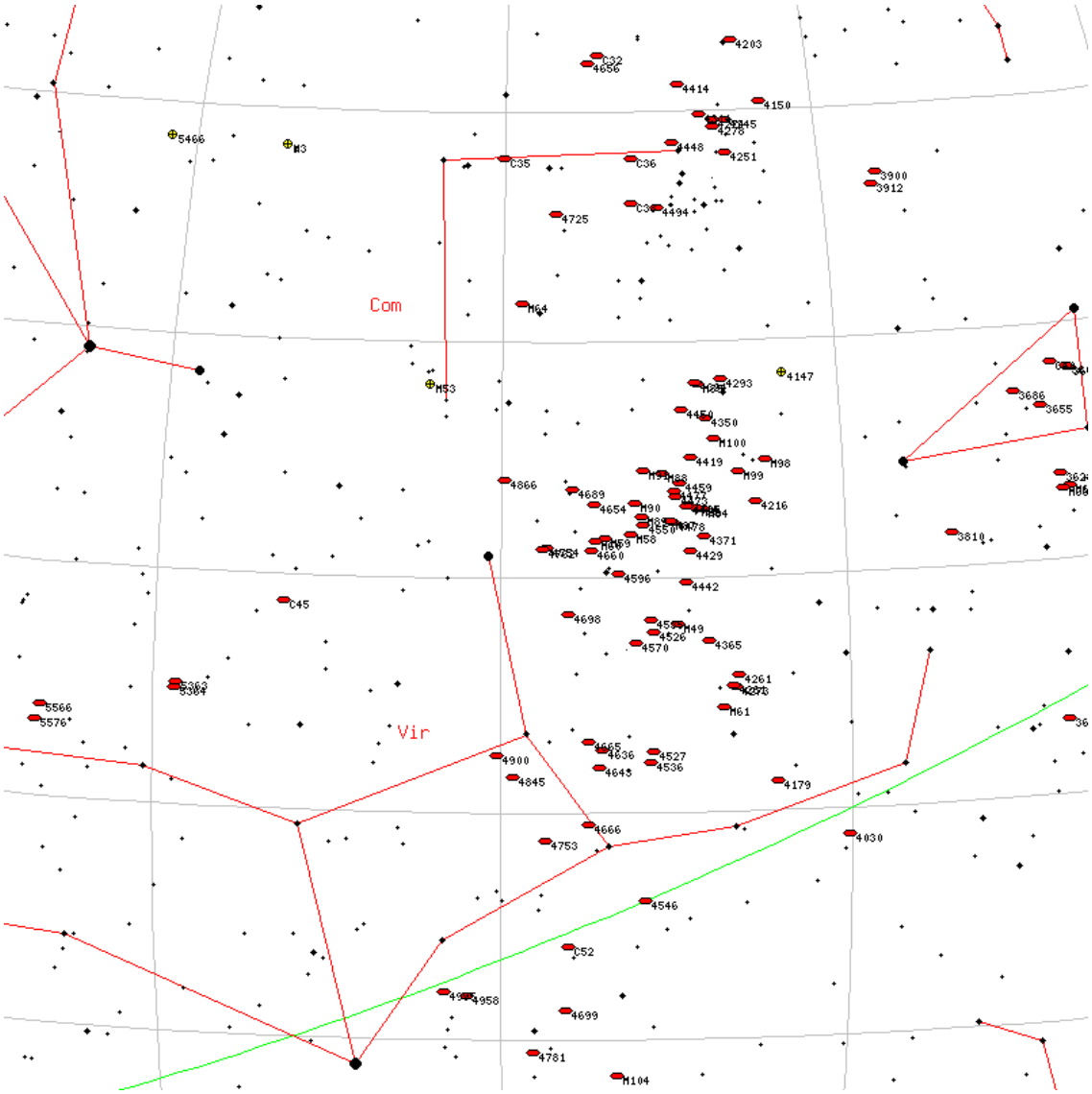
NGC2158

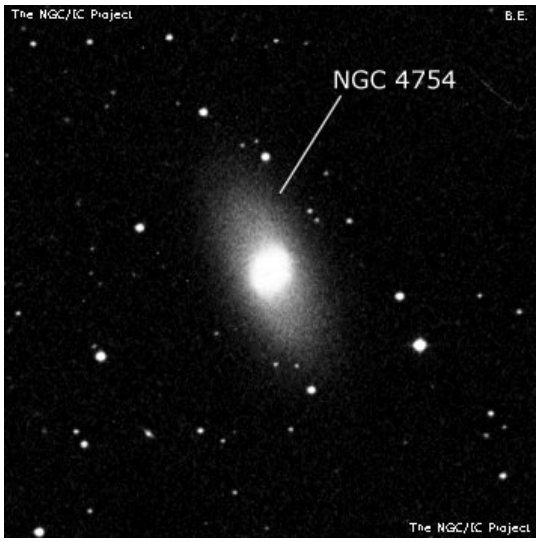
M	NGC2158	**ID**	-
Constellation	Gem	**Type**	OC
Magnitude	8.6	**Size**	5 x 5
RA	06h 07m	**Dec**	+24d 06m
Name			
Description	Cl, pS, mC, vRi, irr triangle st eS		



NGC4754

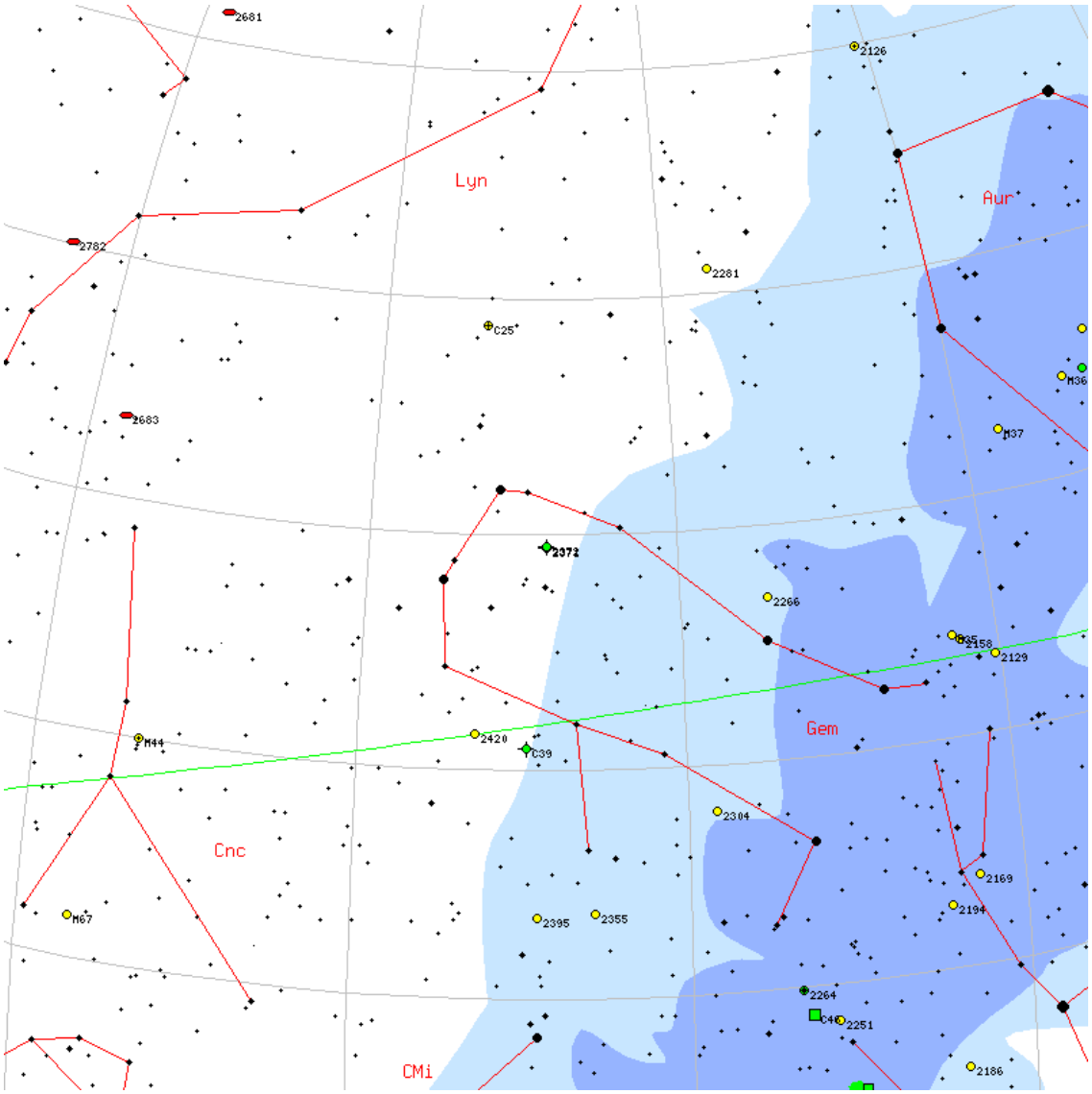
M	NGC4754	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.6	**Size**	2.3 x 1.2
RA	12h 52m	**Dec**	+11d 19m
Name			
Description	B, pL, R, psbM, p of 2		

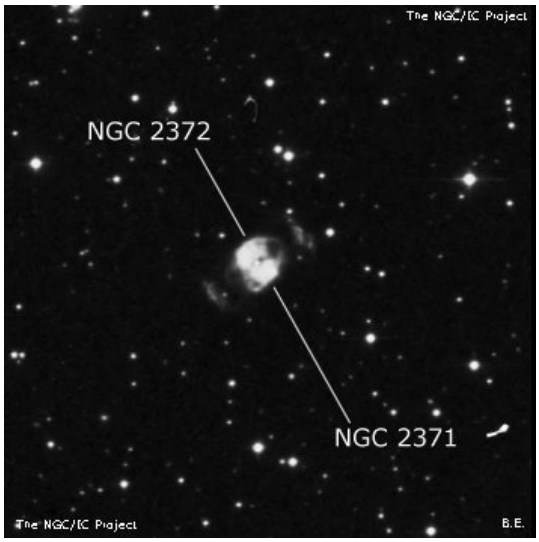




NGC2371

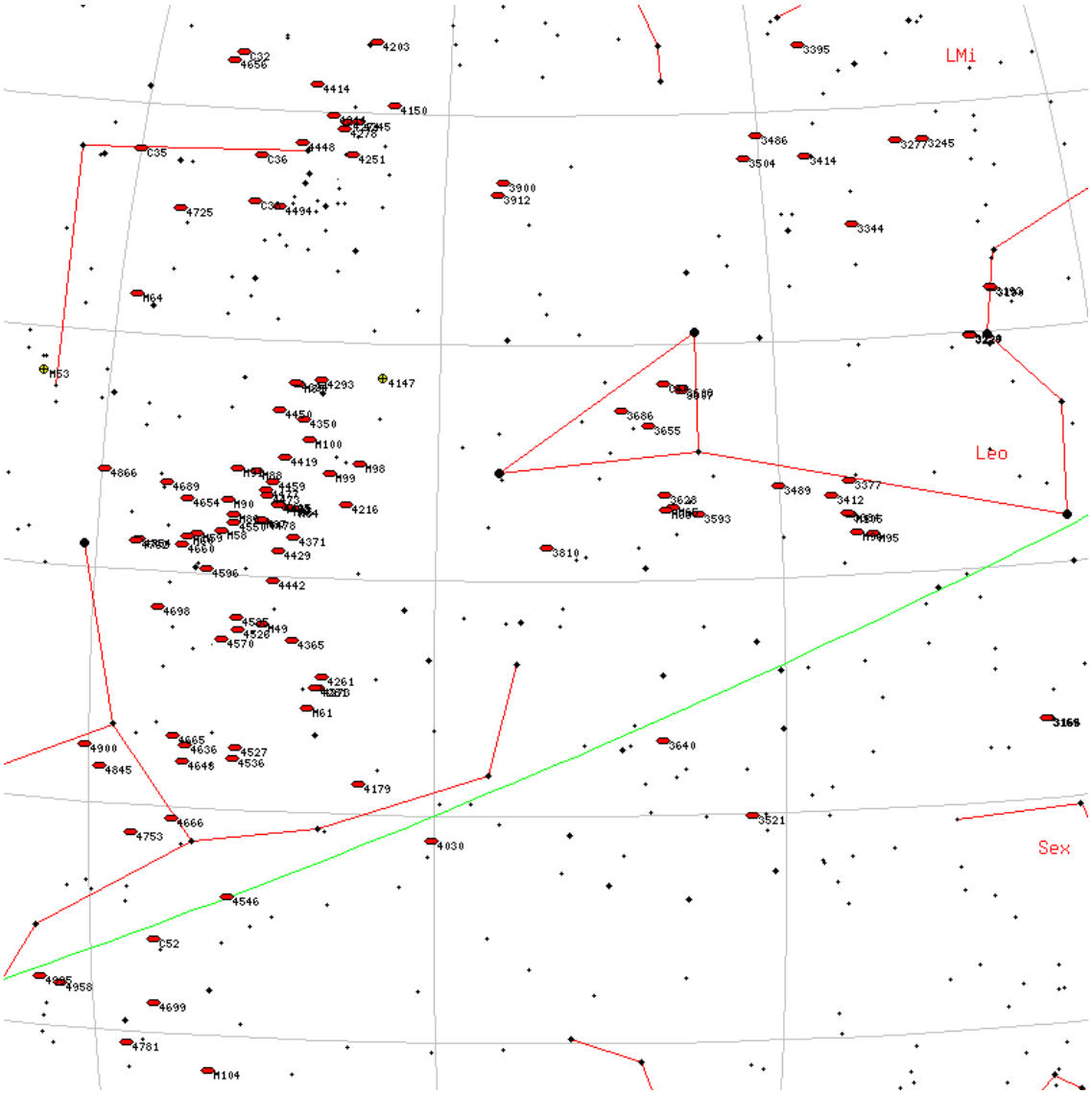
M	NGC2371	**ID**	-
Constellation	Gem	**Type**	Pl
Magnitude	13	**Size**	0.9 x 0.9
RA	07h 25m	**Dec**	+29d 28m
Name	The Peanut Nebula/Double Bubble Nebula		
Description	B, S, R, bMN, p of Dneb with NGC2372		

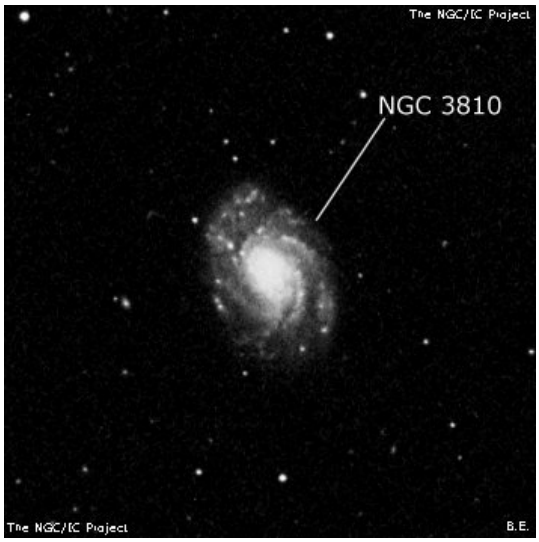




NGC3810

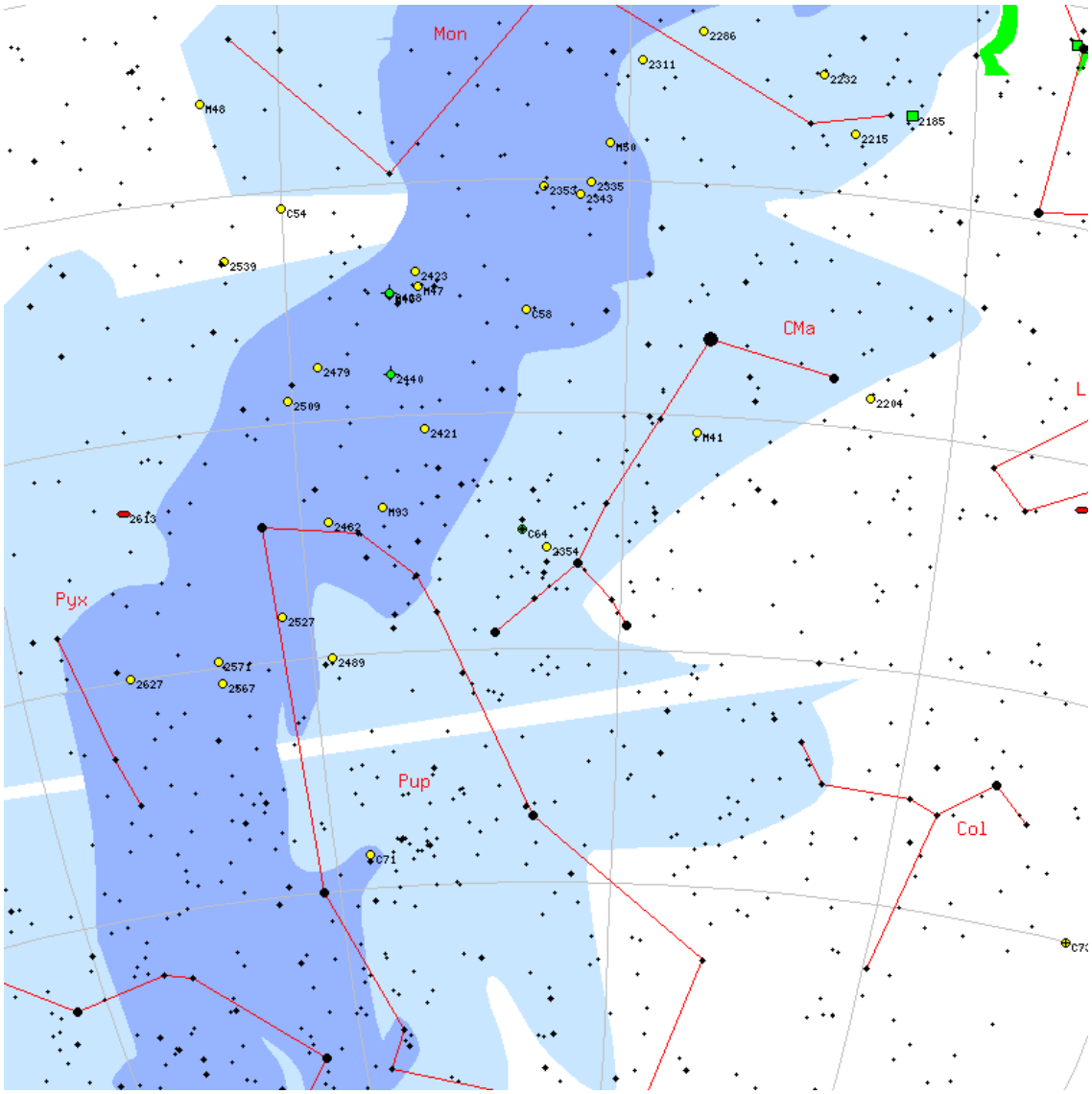
M	NGC3810	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10.8	**Size**	2.1 x 1.5
RA	11h 40m	**Dec**	+11d 28m
Name			
Description	B, L, vIE		

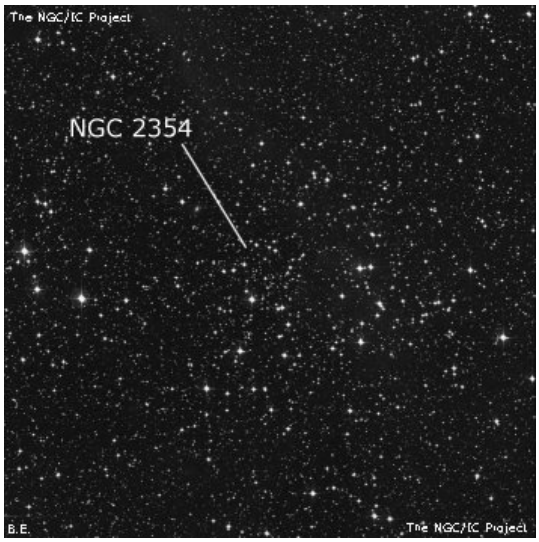




NGC2354

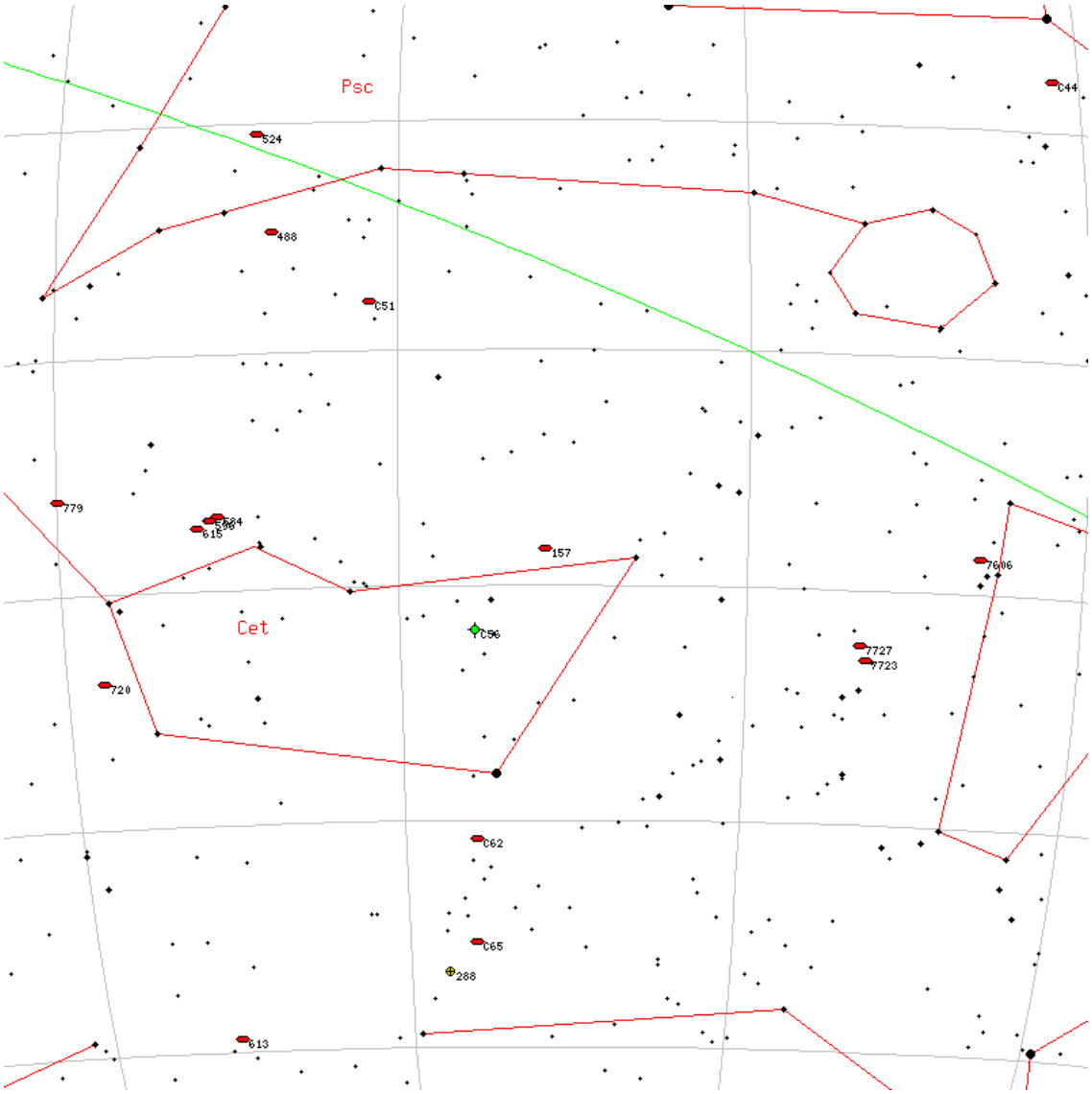
M	NGC2354	**ID**	-
Constellation	CMa	**Type**	OC
Magnitude	6.5	**Size**	20 x 20
RA	07h 14m	**Dec**	-25d 43m
Name			
Description	Cl, cRi, IC		





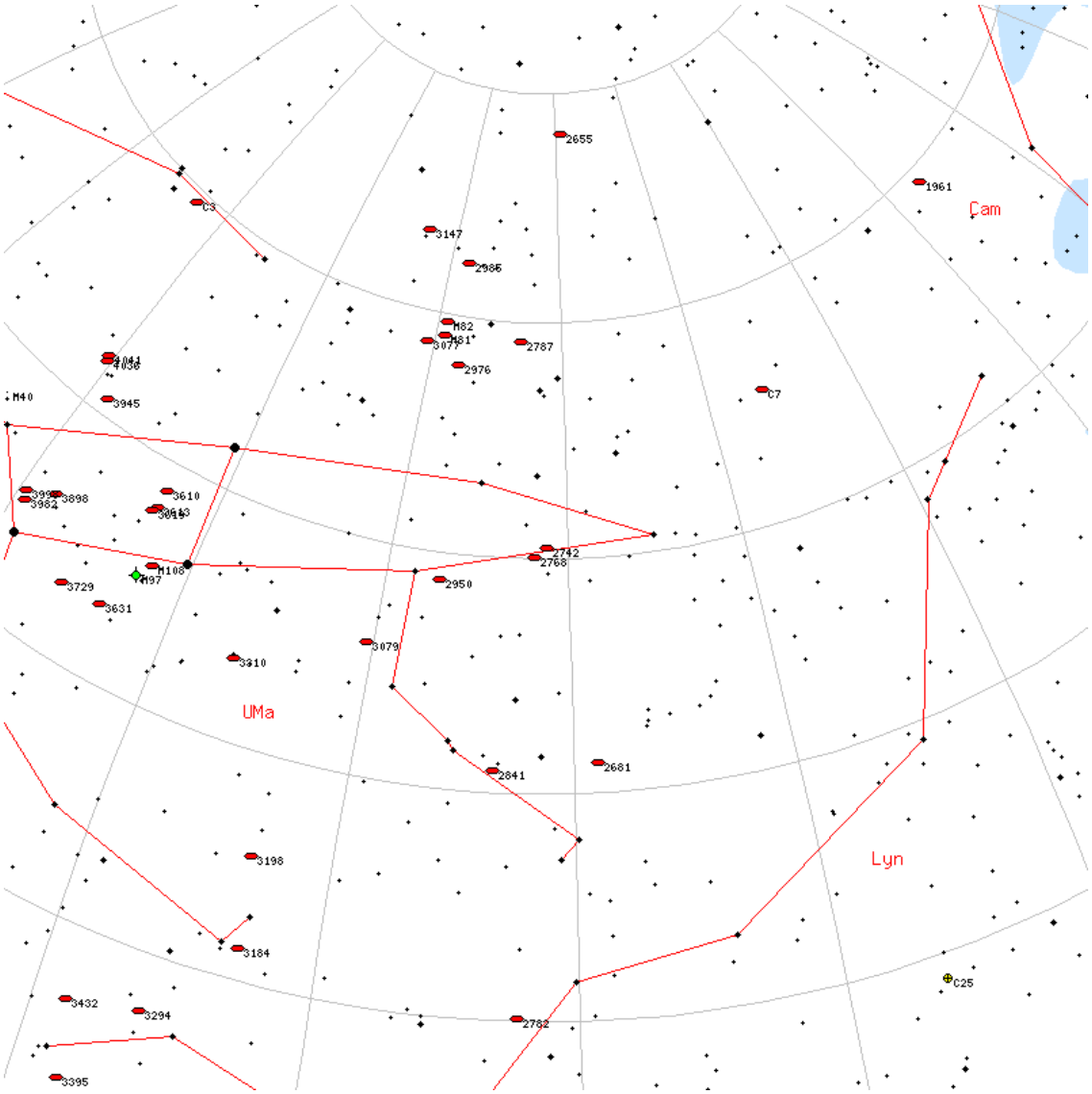
NGC157

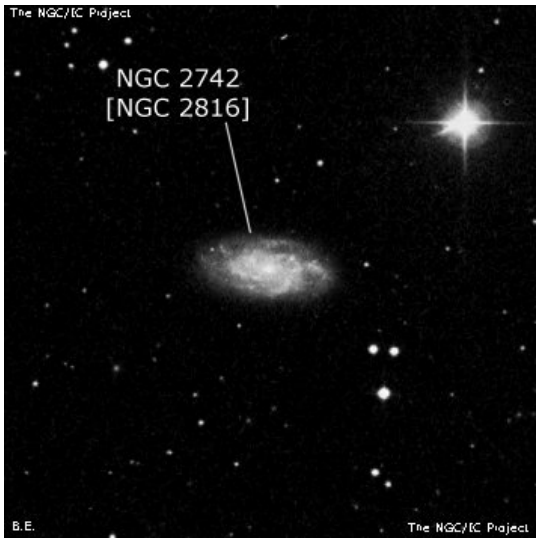
M	NGC157	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	10.4	**Size**	2.1 x 1.4
RA	00h 34m	**Dec**	-08d 24m
Name			
Description	pB, L, E, bet 2 cB st		



NGC2742

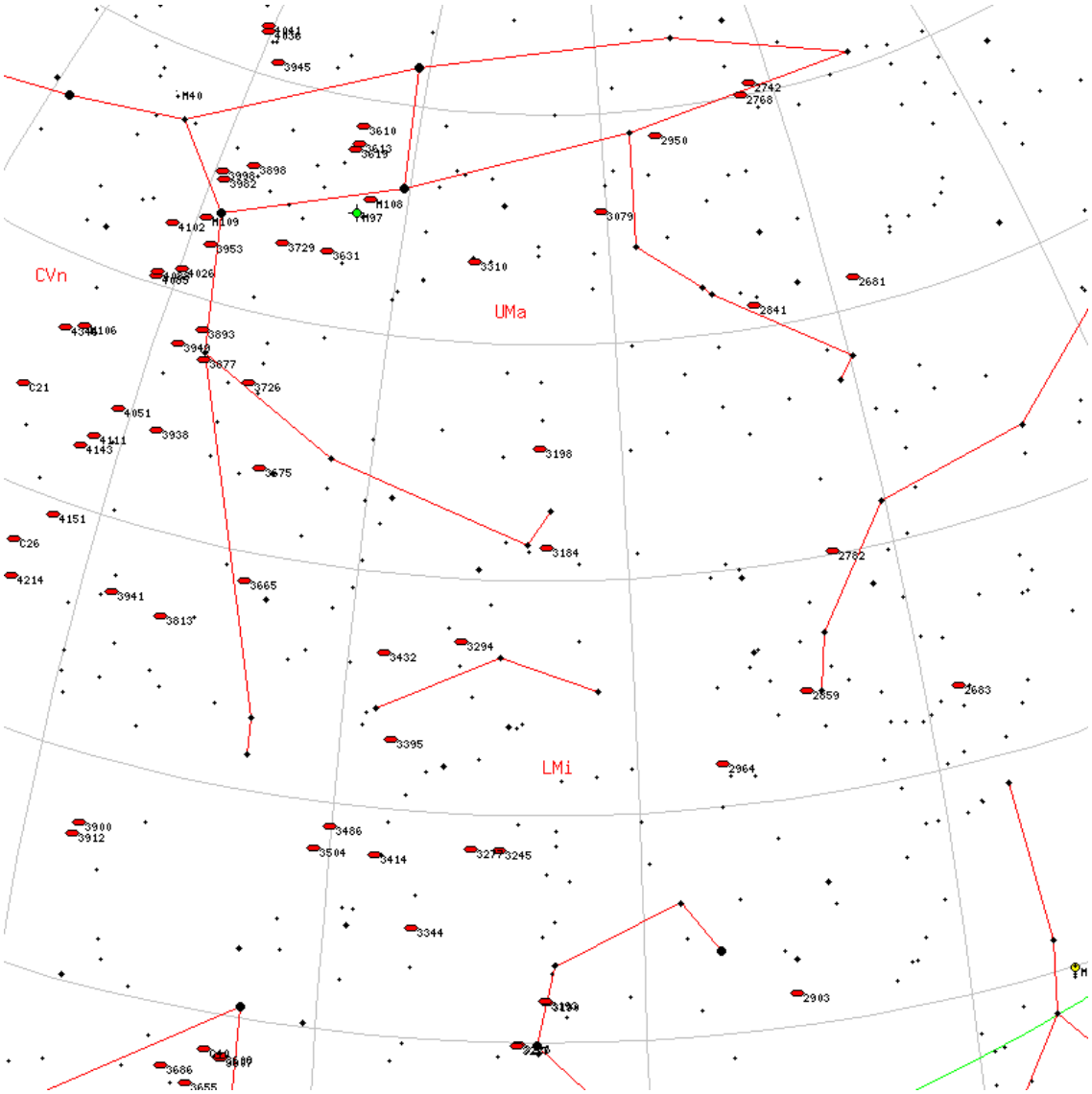
M	NGC2742	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11.7	**Size**	0.8 x 0.3
RA	09h 07m	**Dec**	+60d 28m
Name			
Description	cB, cL, E 90deg , er		

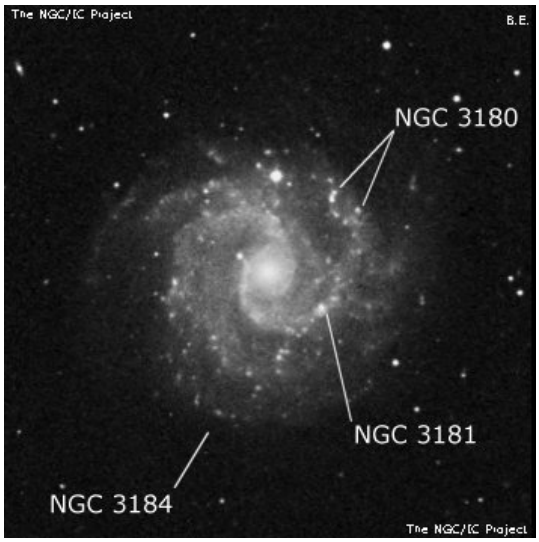




NGC3184

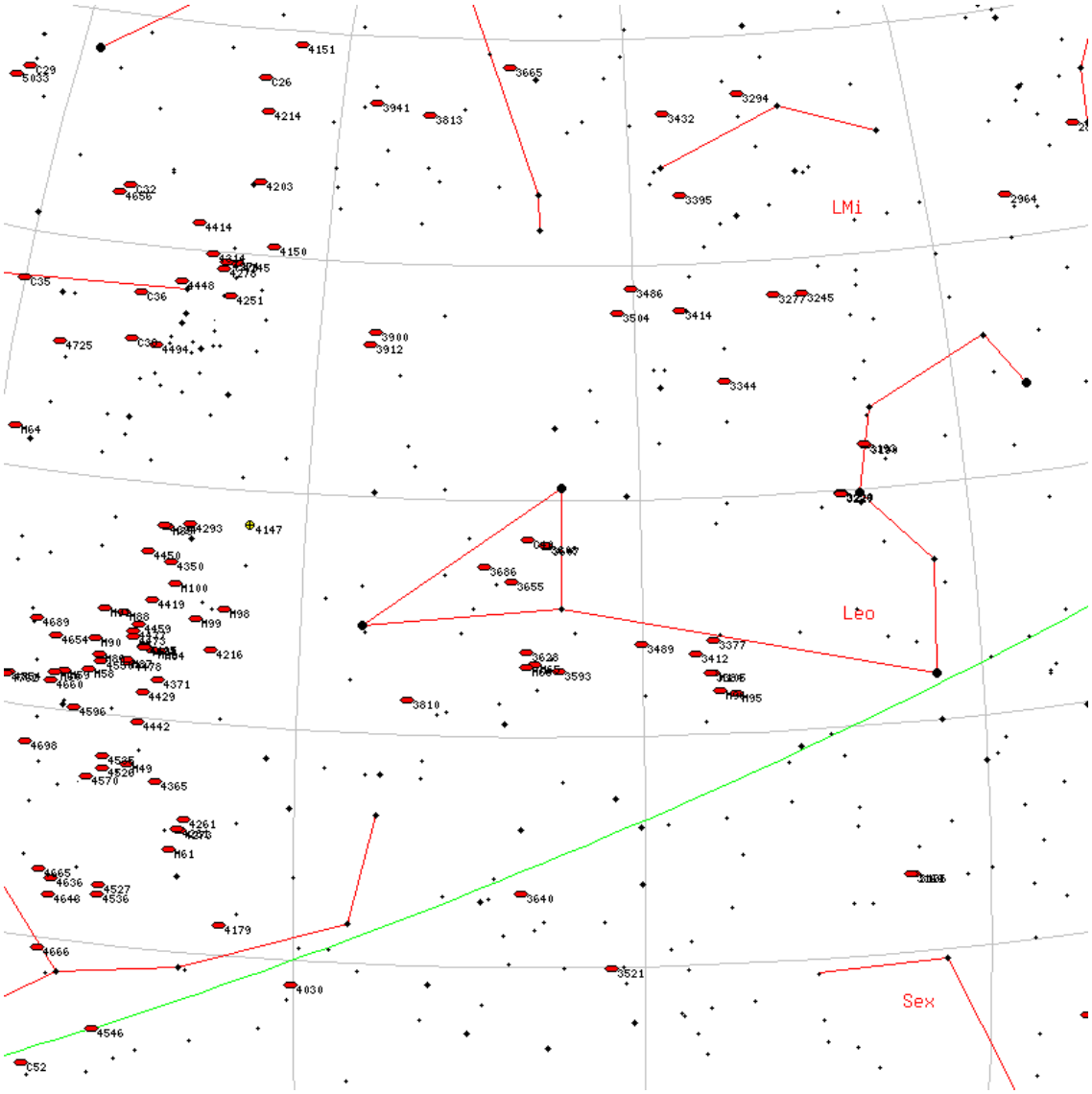
M	NGC3184	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	9.8	**Size**	3.7 x 3.5
RA	10h 18m	**Dec**	+41d 25m
Name			
Description	pB, vL, R, vgbM		

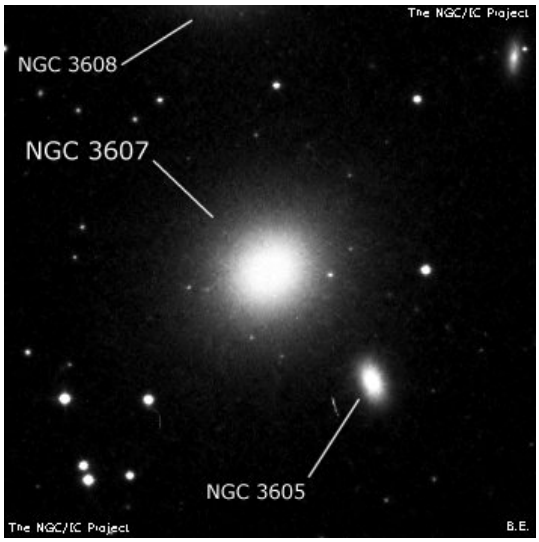




NGC3607

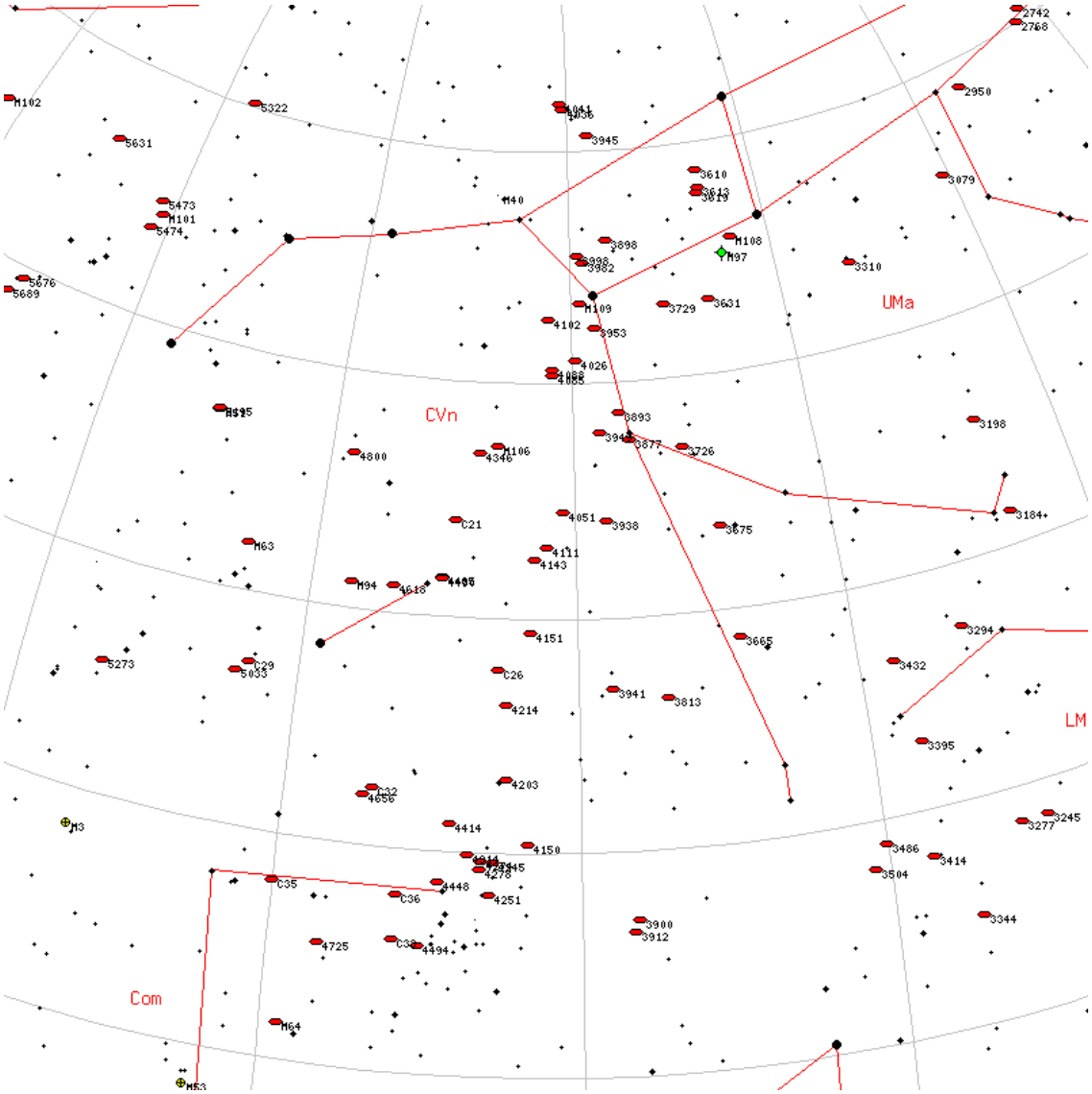
M	NGC3607	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10	**Size**	2.5 x 1.2
RA	11h 16m	**Dec**	+18d 03m
Name			
Description	vB, L, R, vmbM, 2nd of 3		

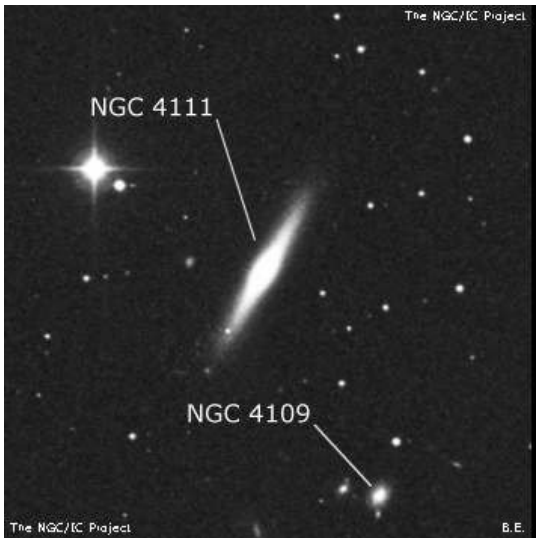




NGC4111

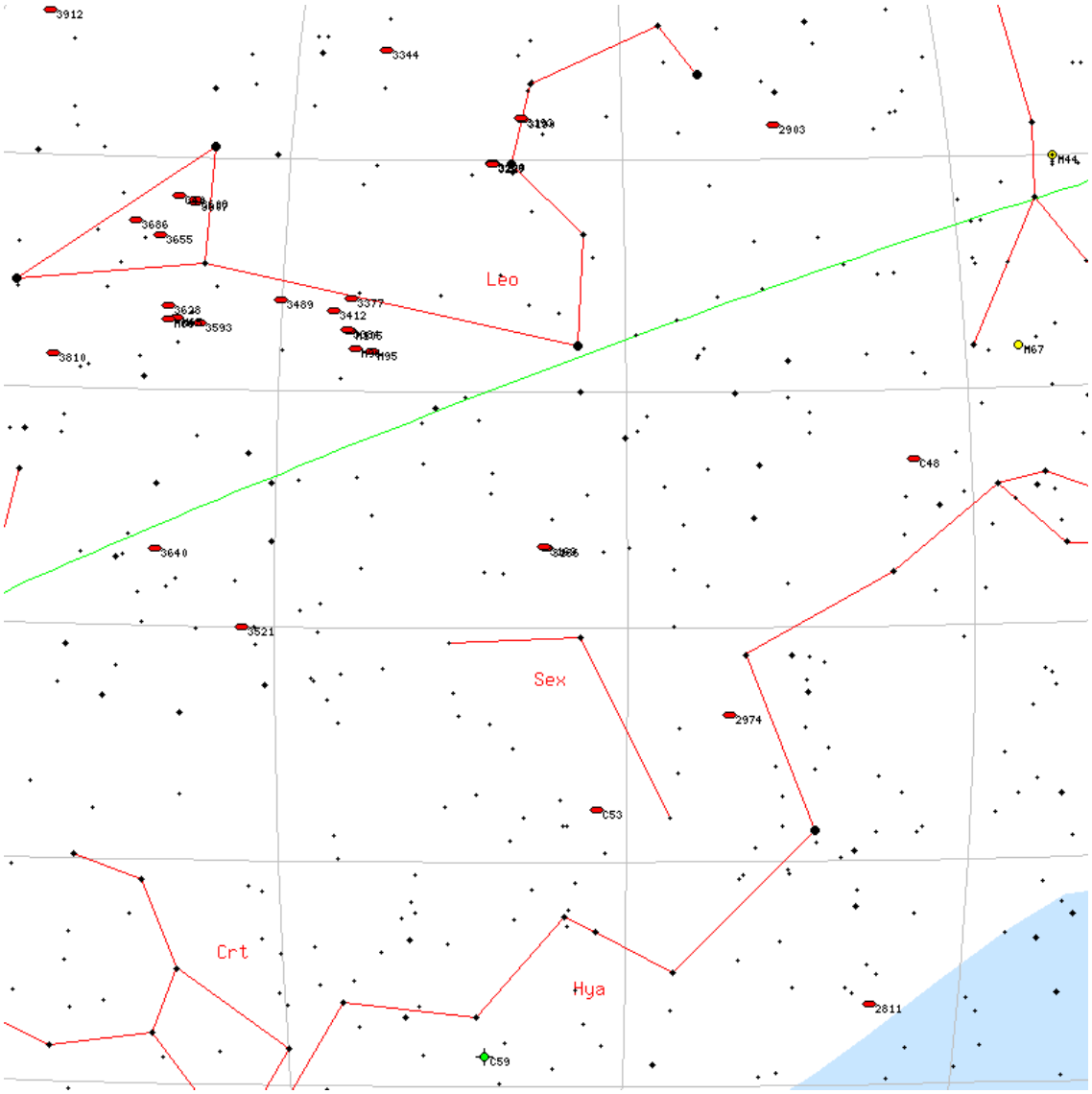
M	NGC4111	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	10.8	**Size**	2.3 x 0.5
RA	12h 07m	**Dec**	+43d 04m
Name			
Description	vB, pS, mE 151deg		

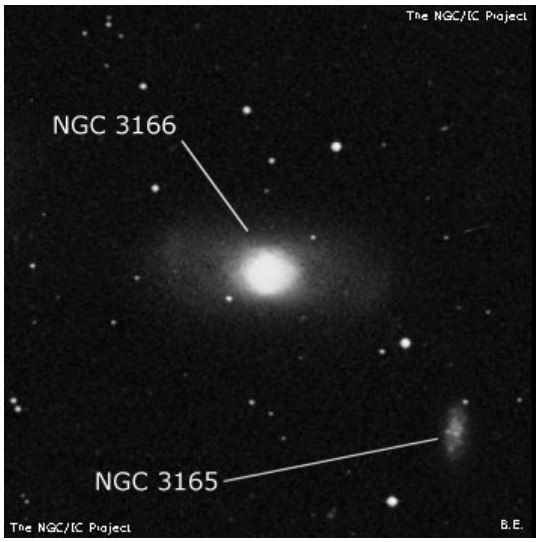




NGC3166

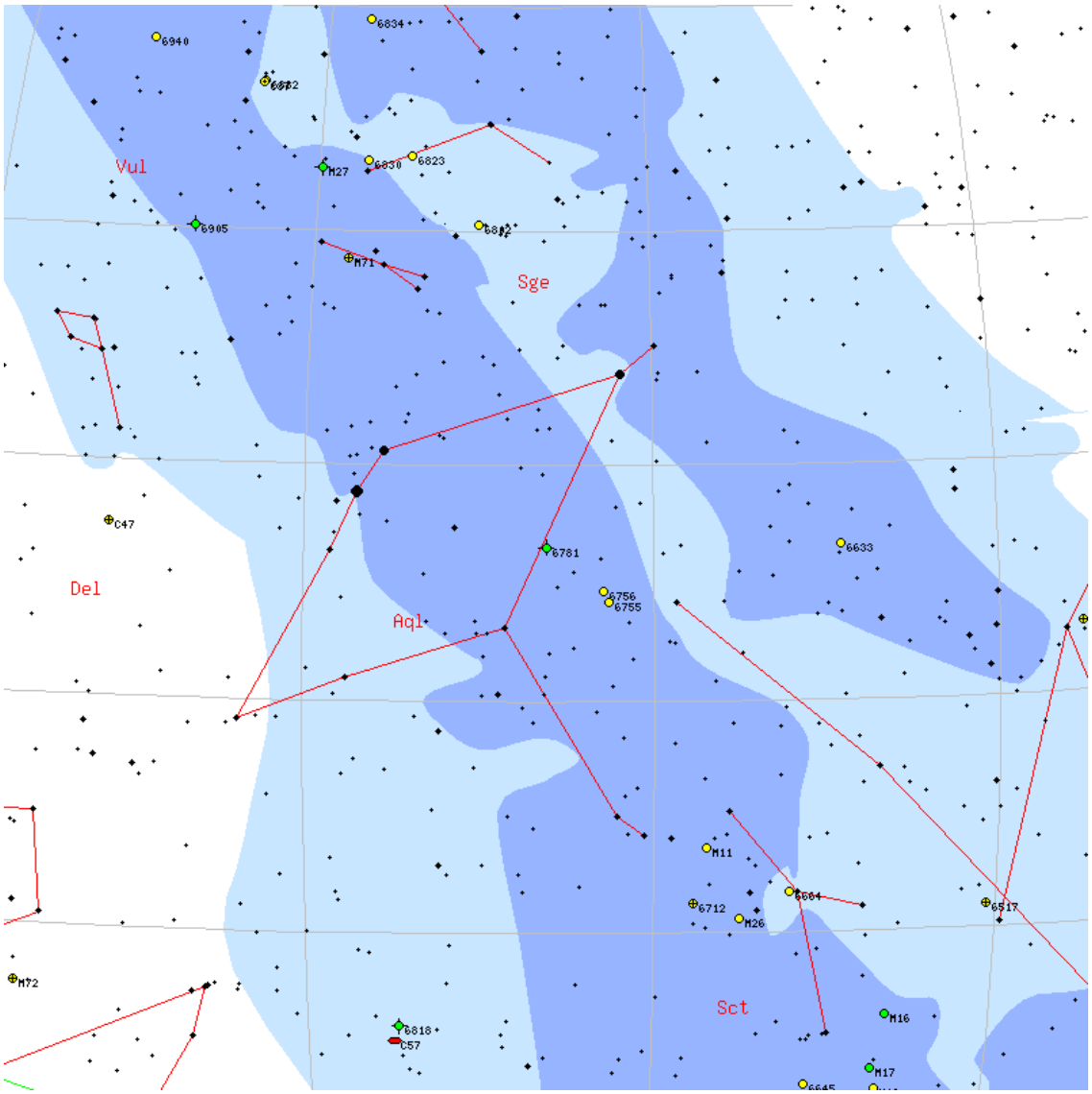
M	NGC3166	**ID**	-
Constellation	Sex	**Type**	Gx
Magnitude	10.6	**Size**	2.4 x 1.2
RA	10h 13m	**Dec**	+03d 25m
Name			
Description	B, pS, R, psmbM, 2nd of 3		





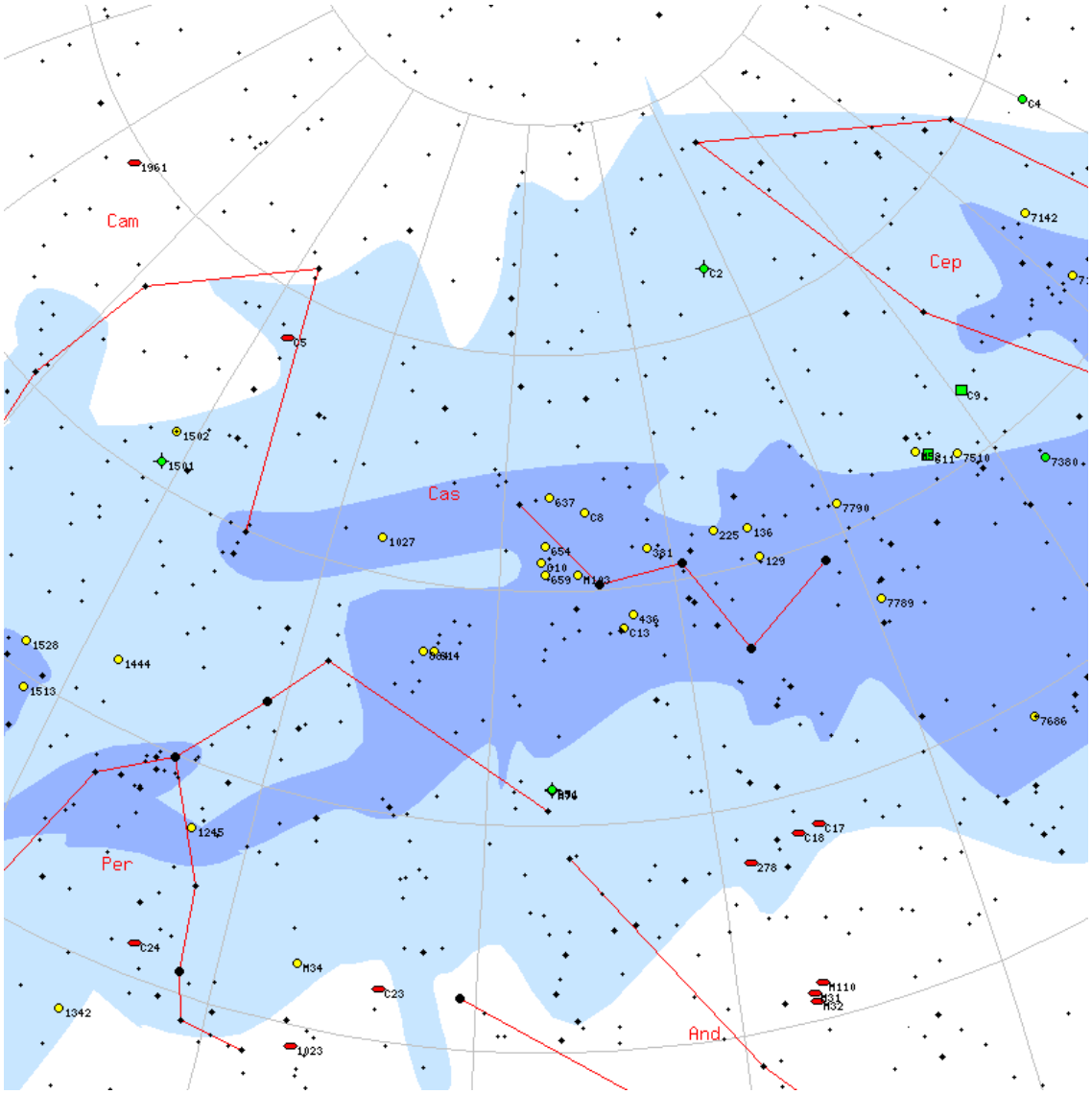
NGC6781

M	NGC6781	**ID**	-
Constellation	Aql	**Type**	Pl
Magnitude	12	**Size**	1.8 x 1.8
RA	19h 18m	**Dec**	+06d 32m
Name	Snowglobe Nebula		
Description	PN , F, L, R, vsbM disc, S* nf		



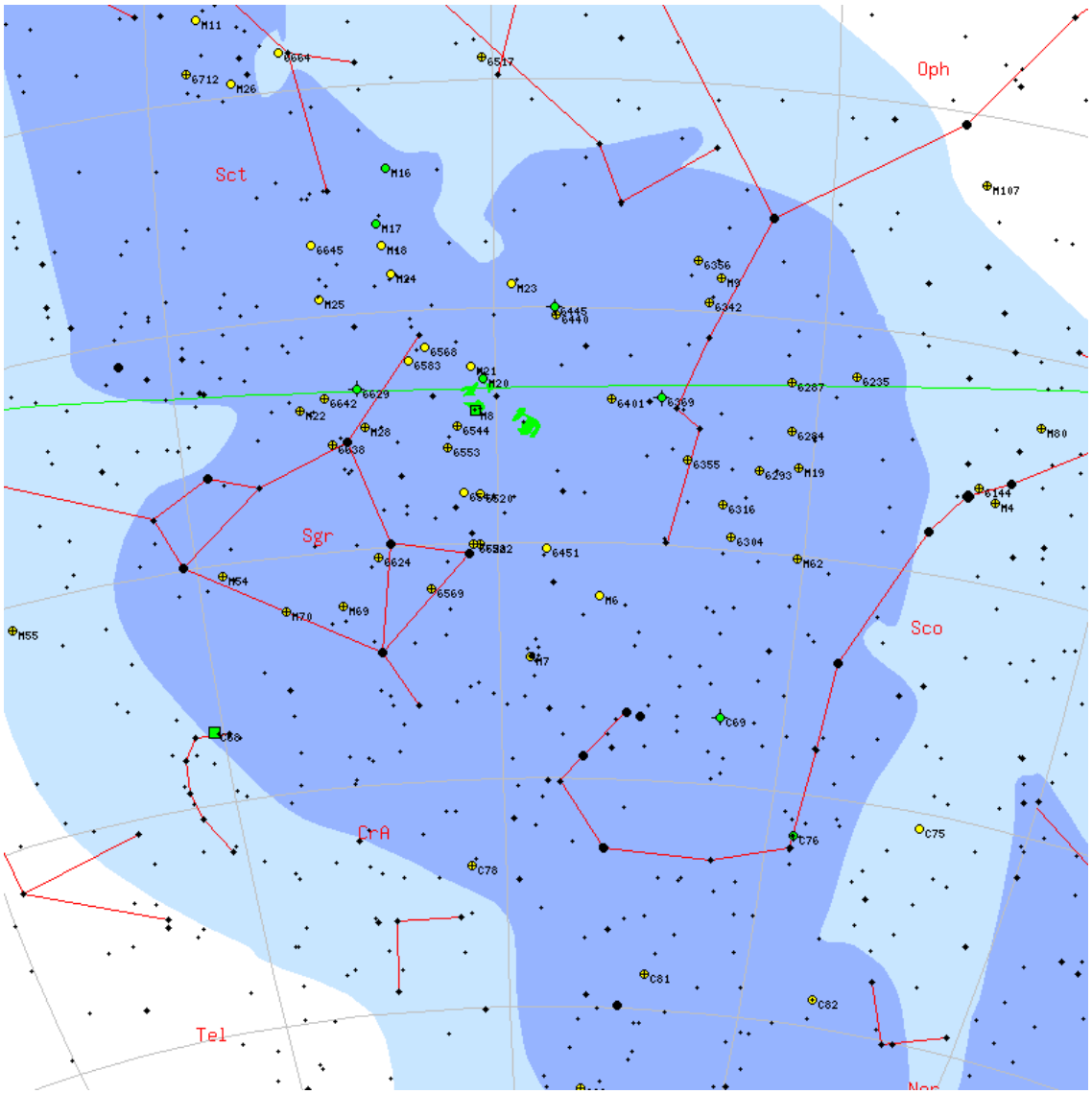
NGC654

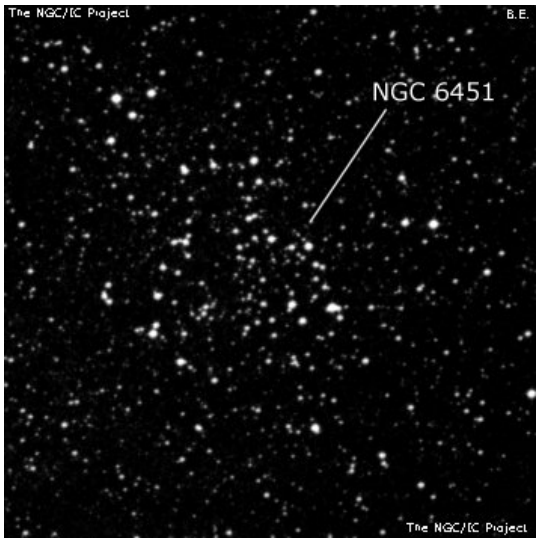
M	NGC654	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	6.5	**Size**	5 x 5
RA	01h 44m	**Dec**	+61d 52m
Name			
Description	Cl, iF, Ri, one *6-7, st 11...14		



NGC6451

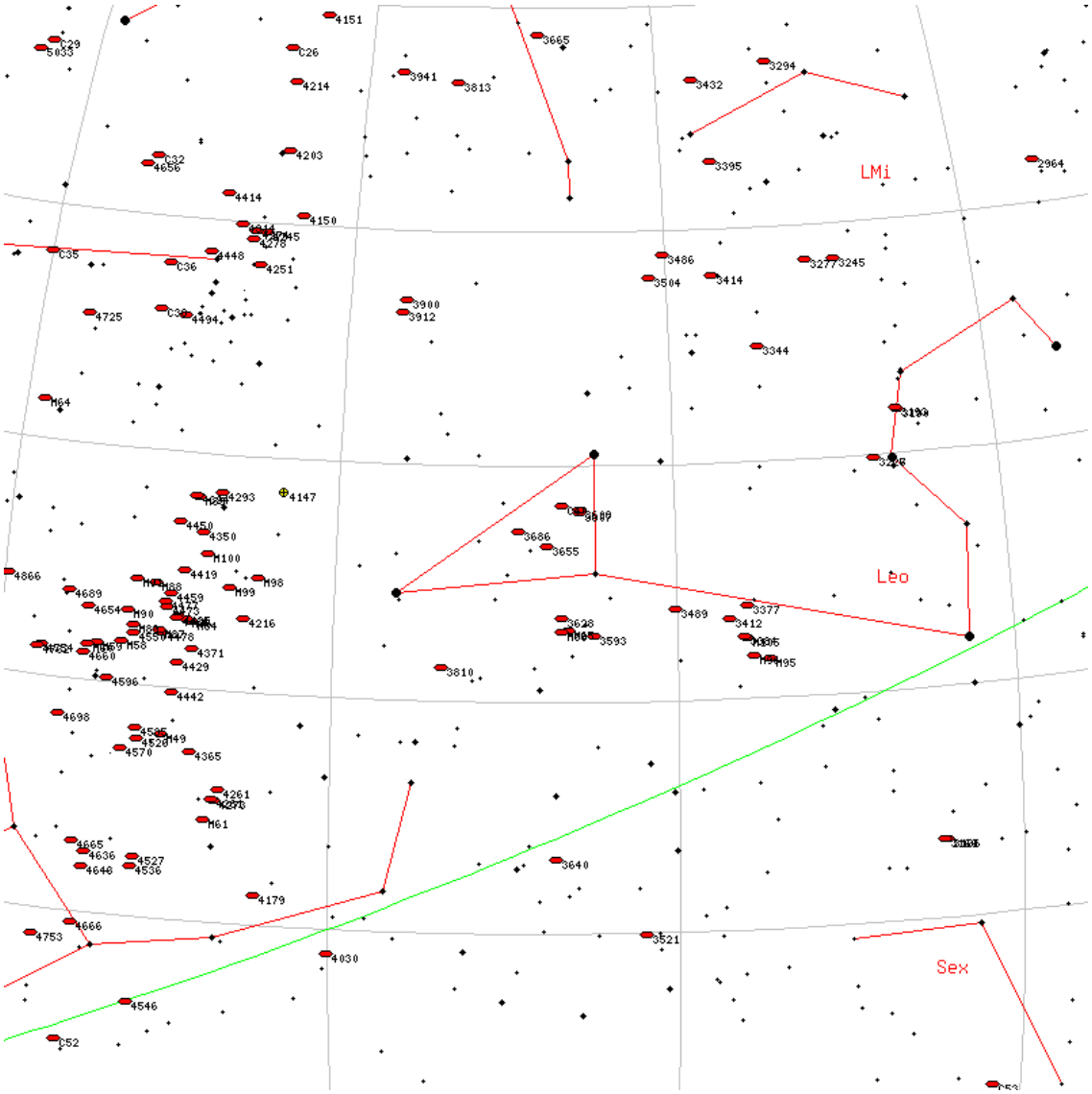
M	NGC6451	**ID**	-
Constellation	Sco	**Type**	OC
Magnitude	8	**Size**	8 x 8
RA	17h 50m	**Dec**	-30d 13m
Name	Tom thumb cluster		
Description	Cl, pL, pRi, bifid, st 12...		





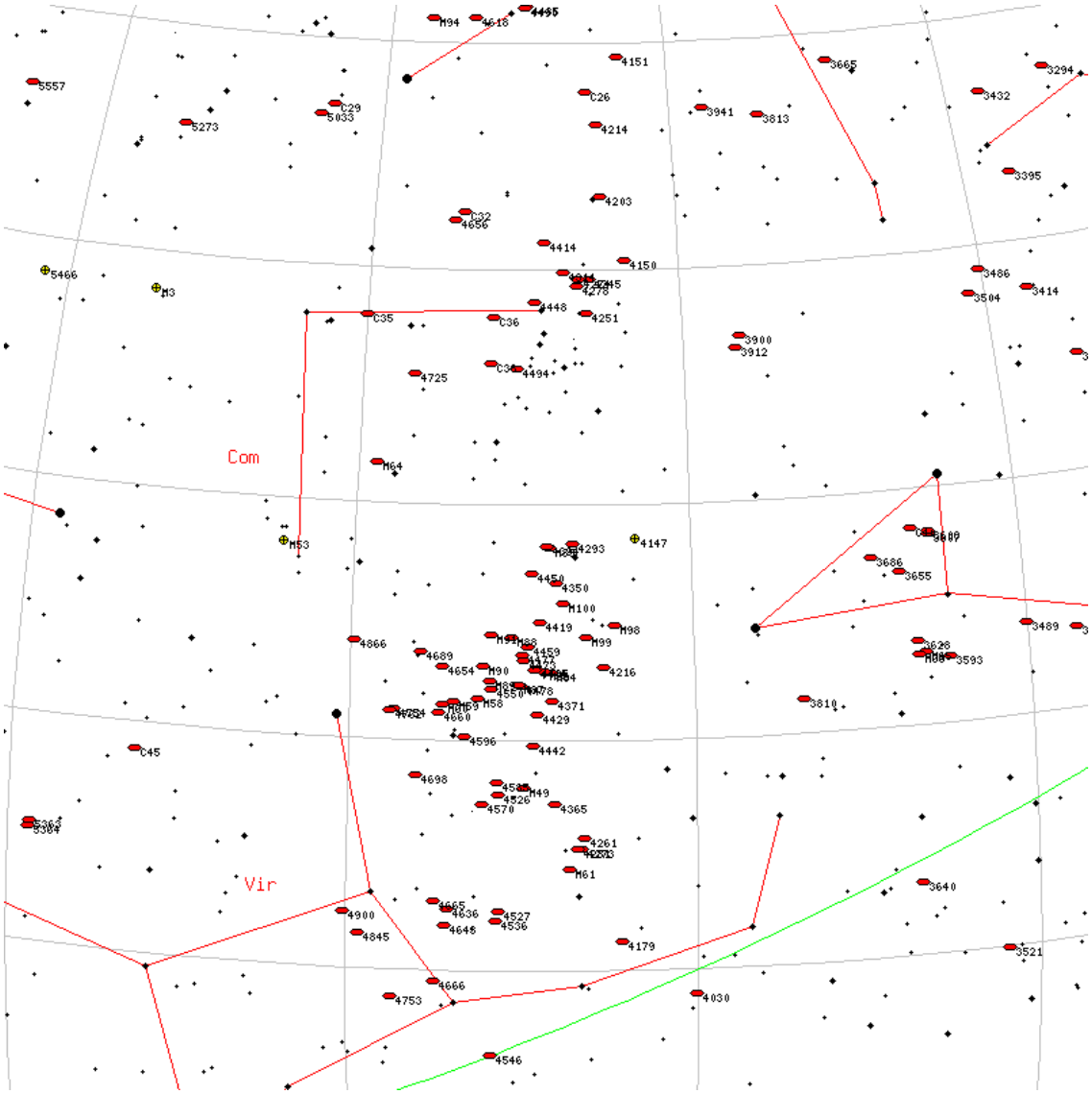
NGC3655

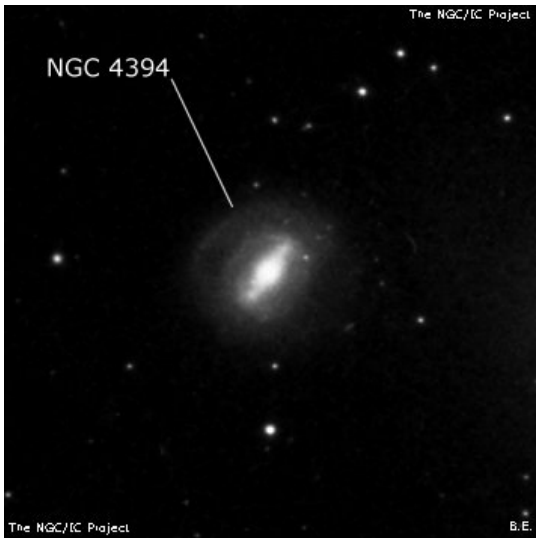
M	NGC3655	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	11.6	**Size**	0.8 x 0.5
RA	11h 22m	**Dec**	+16d 34m
Name			
Description	pB, pS, iR, bM, r		



NGC4394

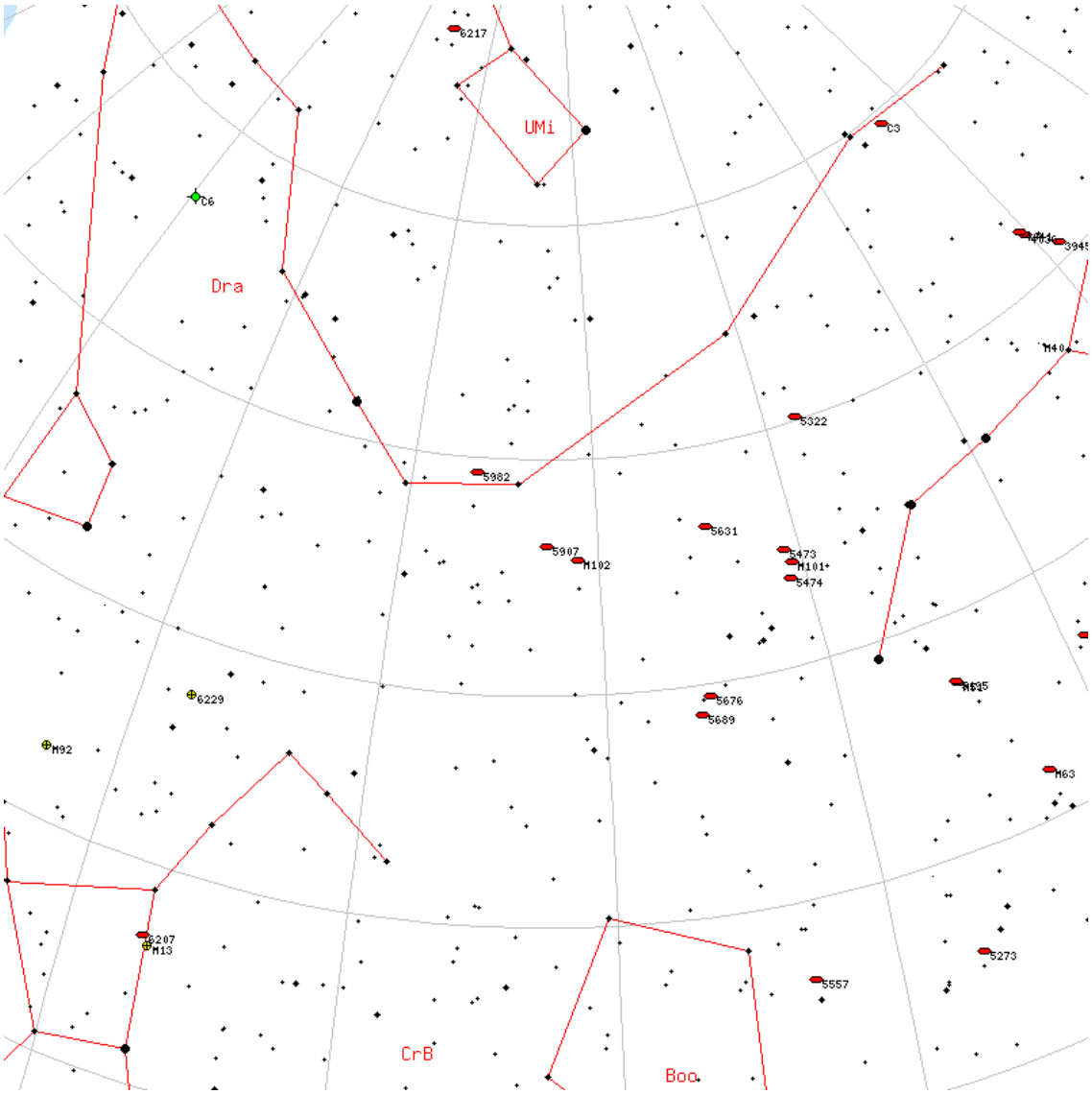
M	NGC4394	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.9	**Size**	3.9 x 3.9
RA	12h 25m	**Dec**	+18d 13m
Name			
Description	pB, lE, bM		

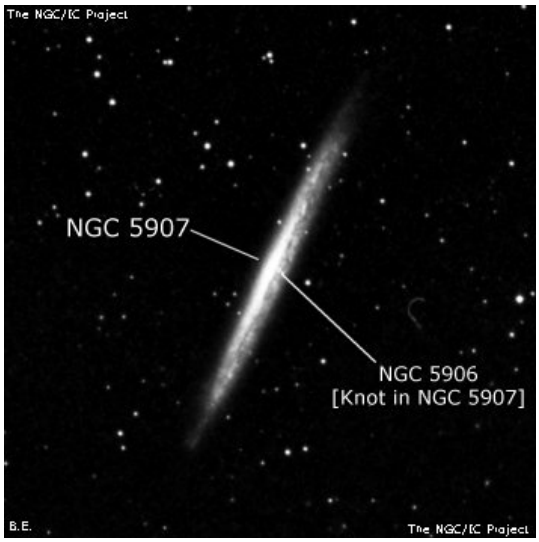




NGC5907

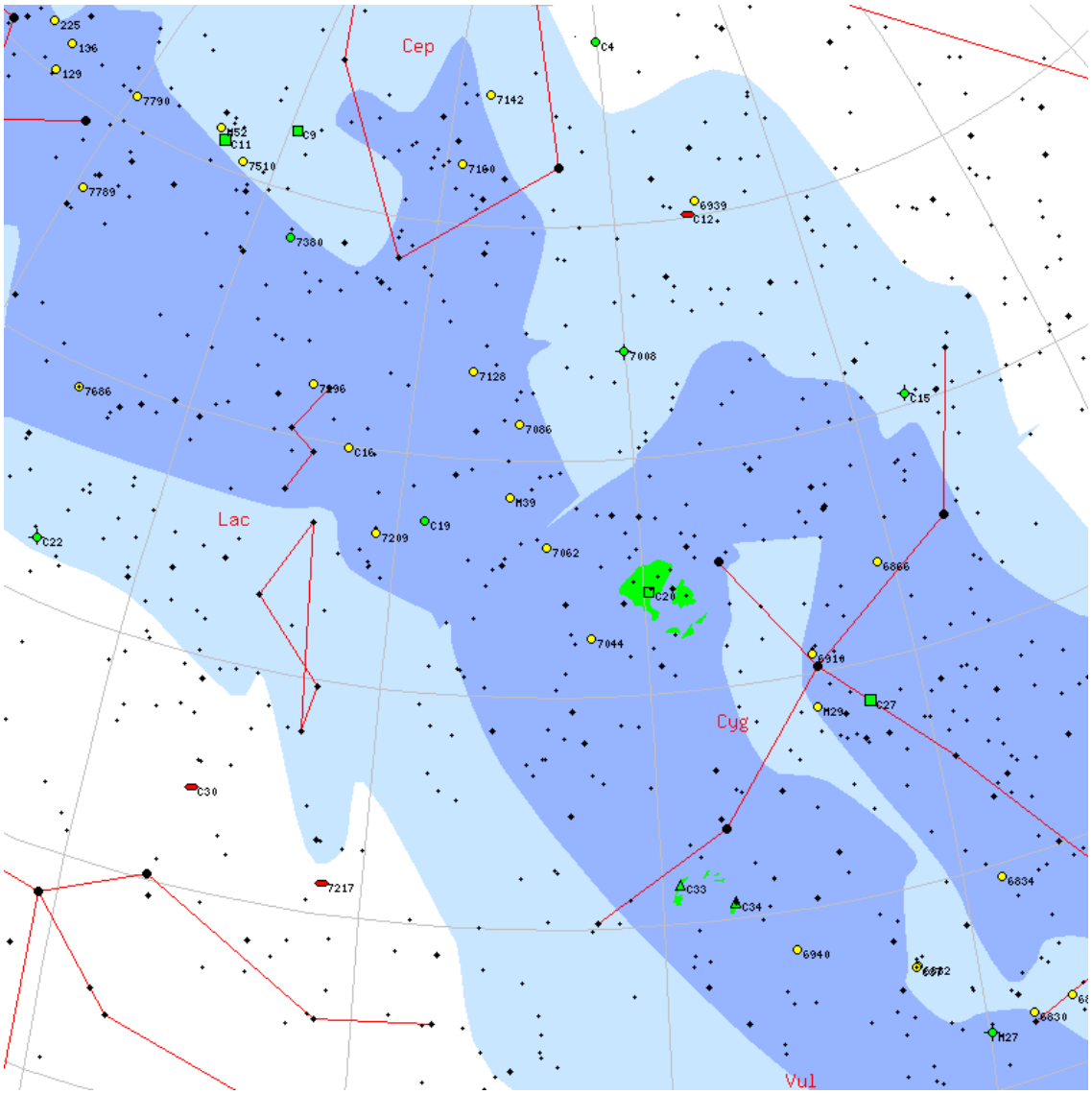
M	NGC5907	**ID**	-
Constellation	Dra	**Type**	Gx
Magnitude	10.4	**Size**	6.3 x 0.7
RA	15h 15m	**Dec**	+56d 19m
Name			
Description	cB, vL, vmE 155deg , vg, psbMN		

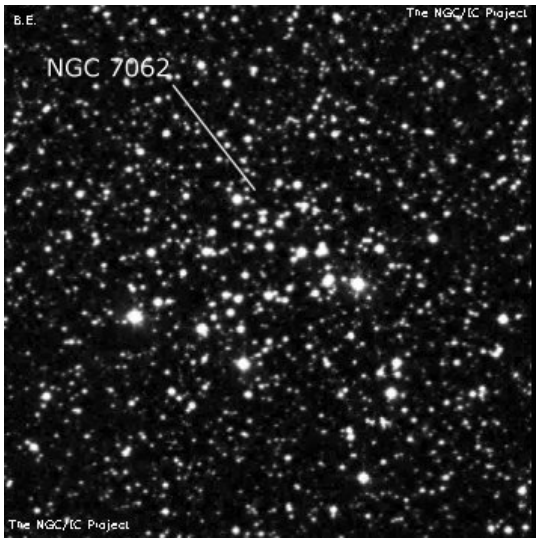




NGC7062

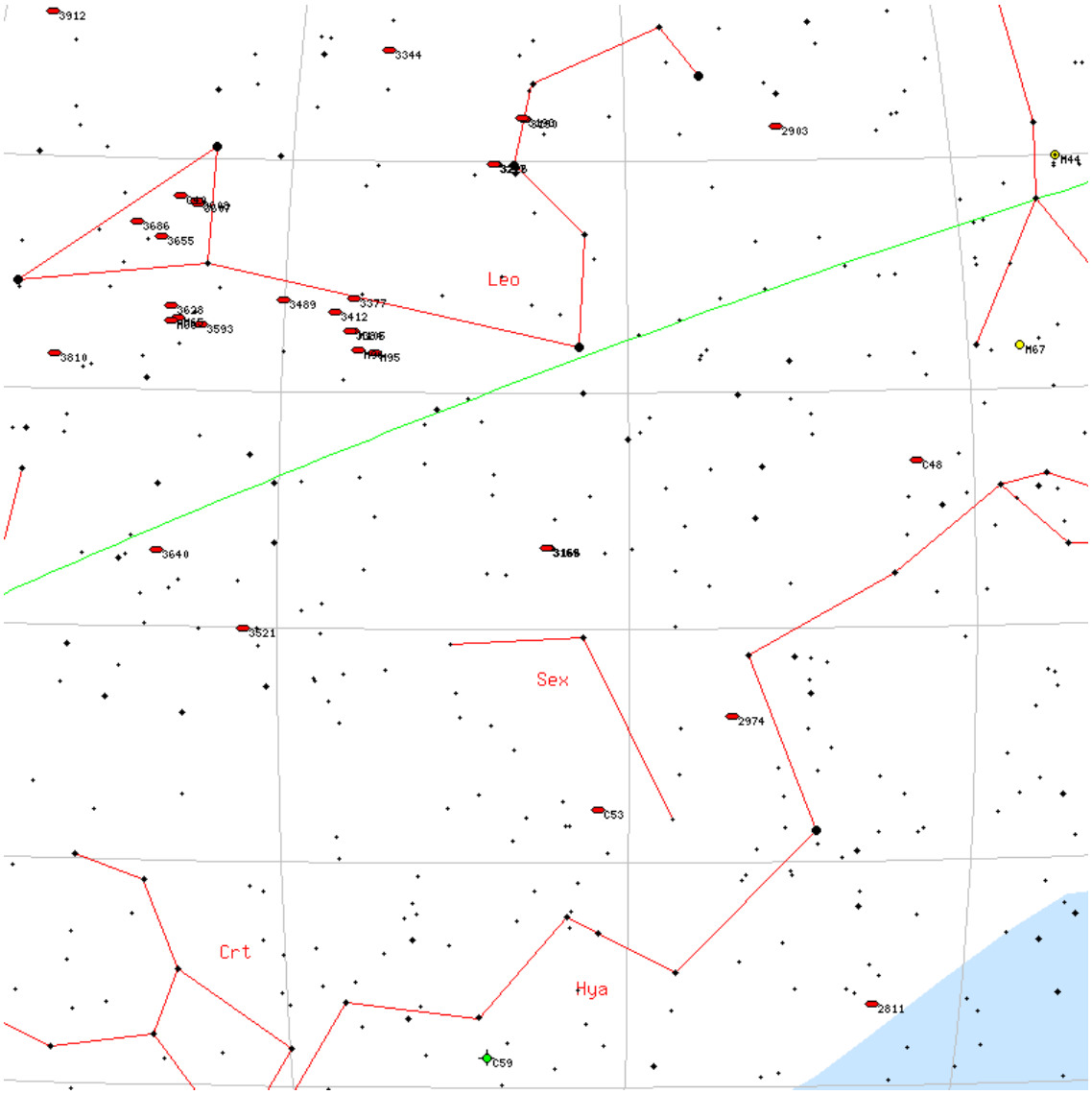
M	NGC7062	**ID**	-
Constellation	Cyg	**Type**	OC
Magnitude	8.3	**Size**	7 x 7
RA	21h 23m	**Dec**	+46d 22m
Name			
Description	Cl, pS, pRi, pC, st 13...		

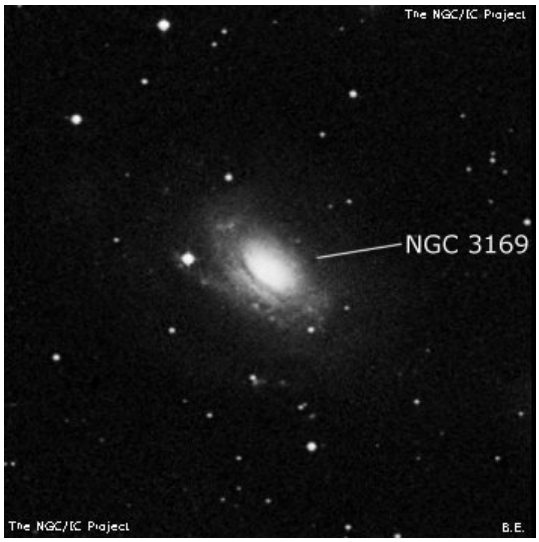




NGC3169

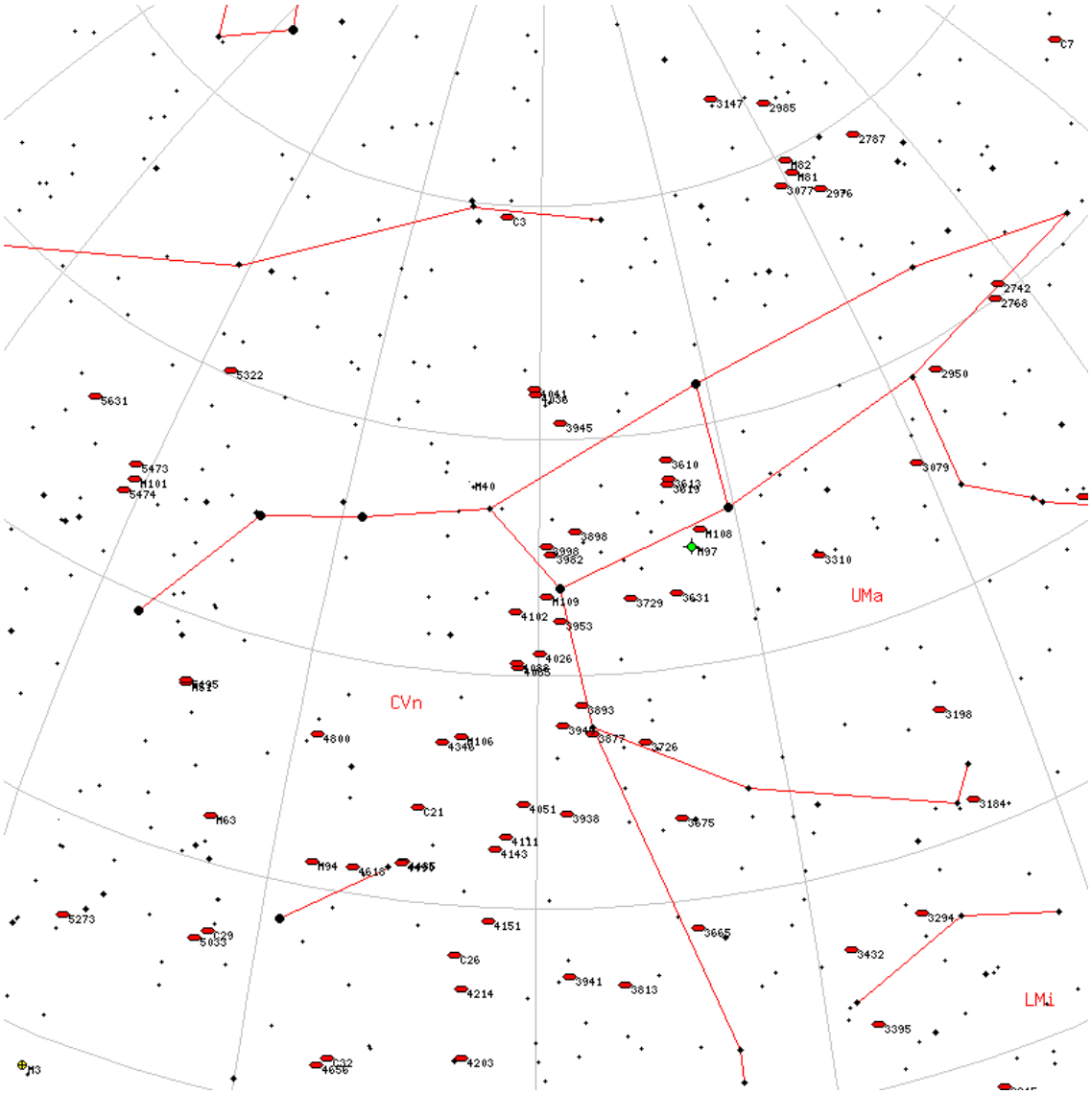
M	NGC3169	**ID**	-
Constellation	Sex	**Type**	Gx
Magnitude	10.5	**Size**	2.2 x 1.4
RA	10h 14m	**Dec**	+03d 28m
Name			
Description	B, pL, vlE, pgmbM, *11, 78deg , 80", 3rd of 3		

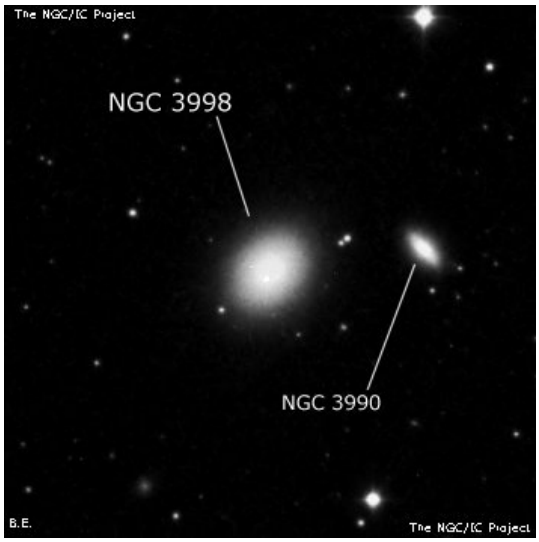




NGC3998

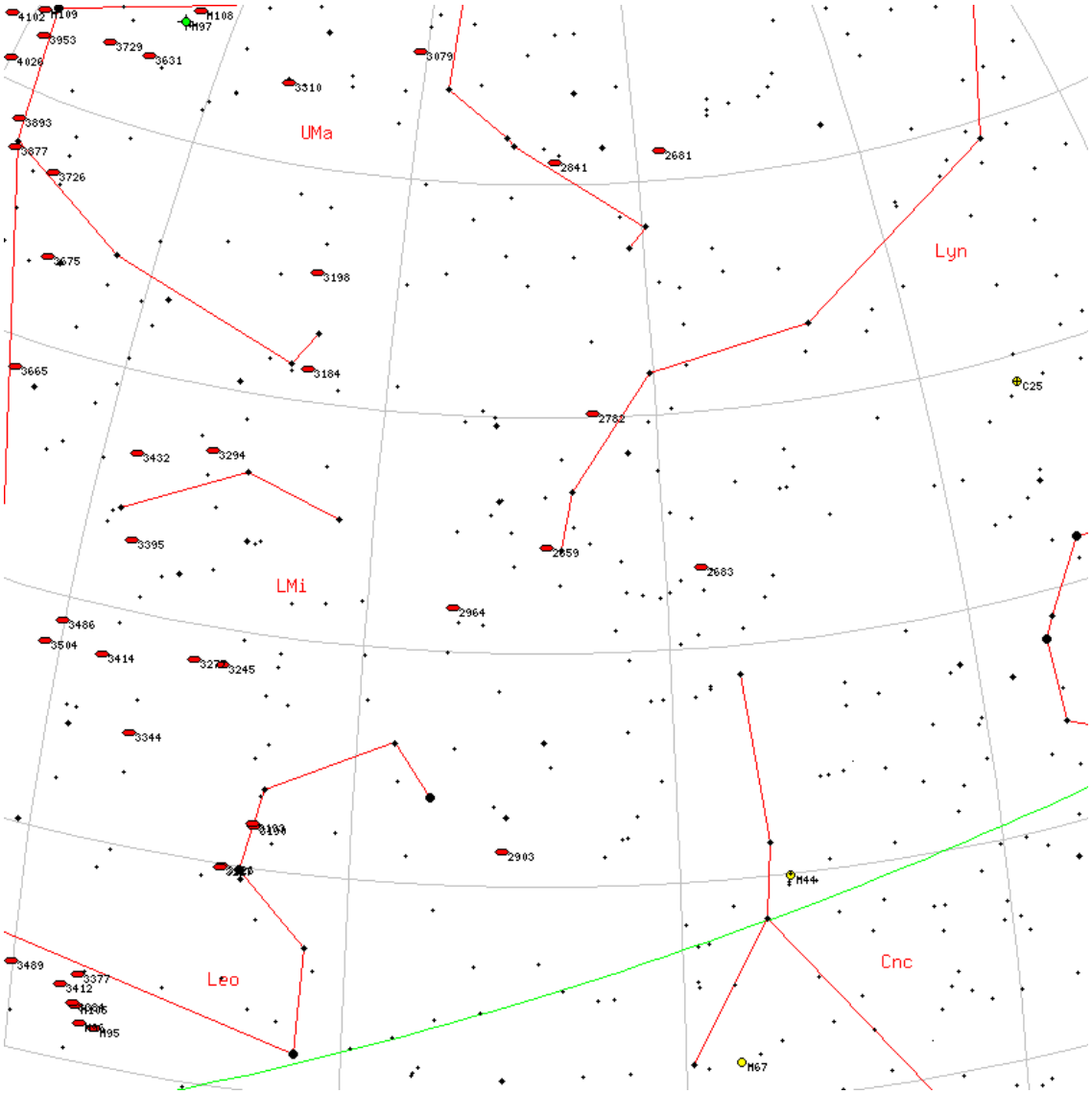
M	NGC3998	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.6	**Size**	1.4 x 1.1
RA	11h 57m	**Dec**	+55d 27m
Name			
Description	cB, pS, R, vg, smbM		

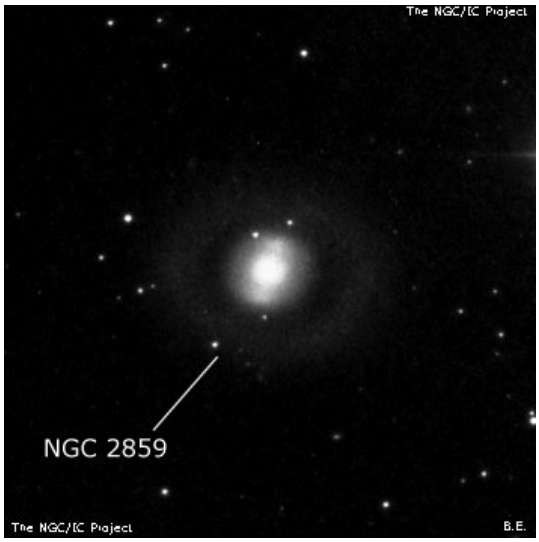




NGC2859

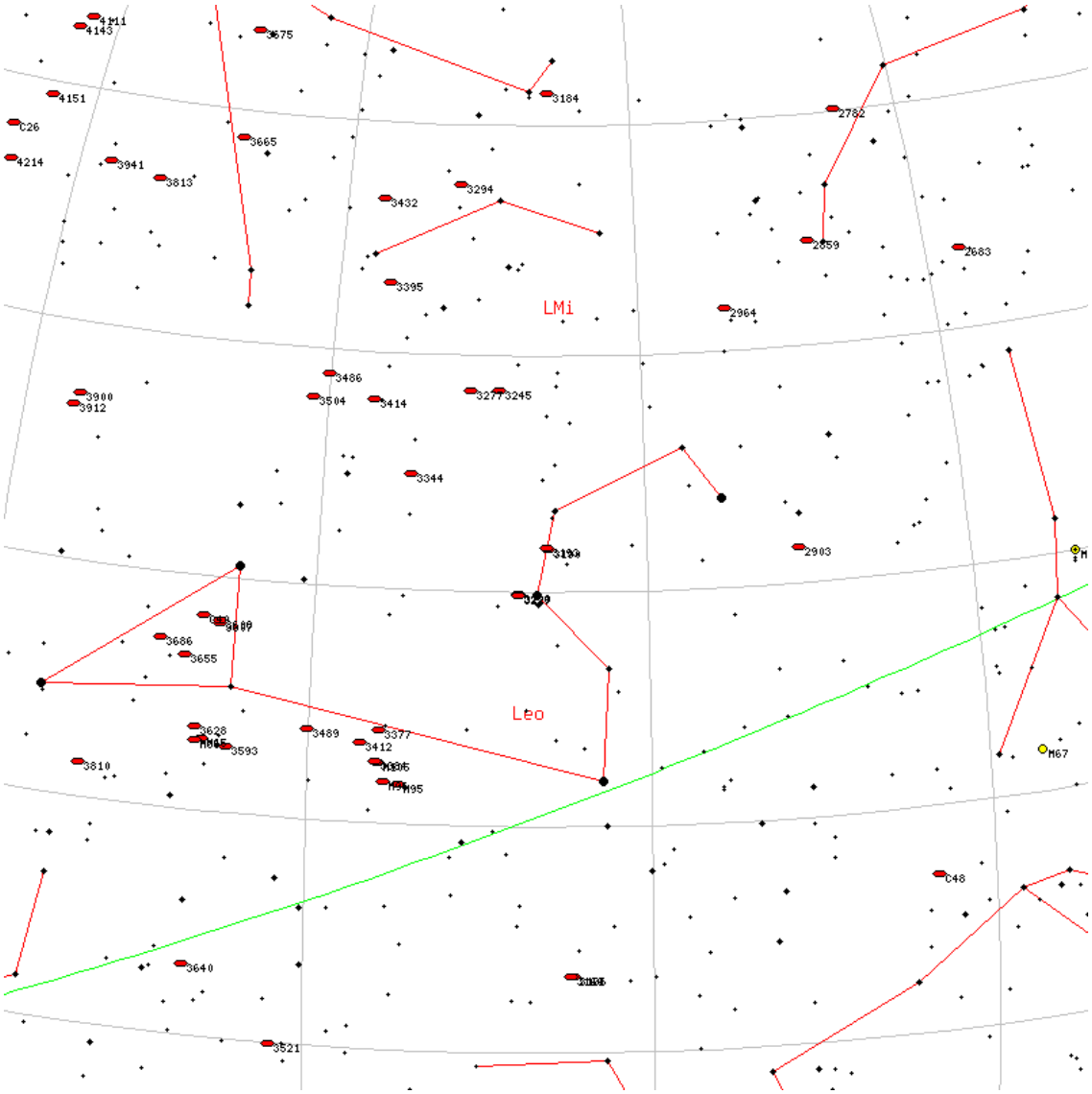
M	NGC2859	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	10.7	**Size**	2.1 x 1.9
RA	09h 24m	**Dec**	+34d 31m
Name			
Description	vB, pL, R, smbM		

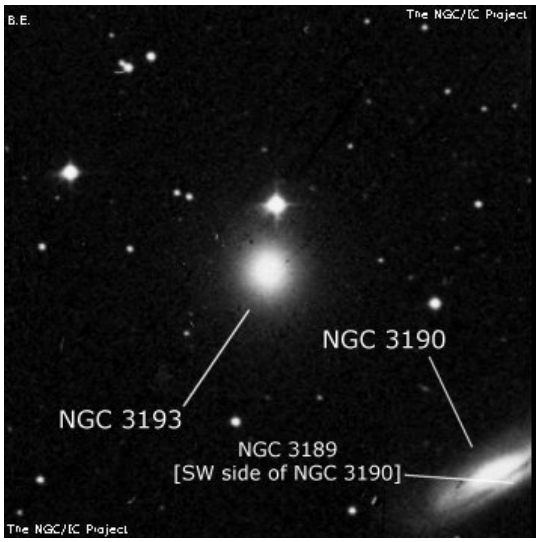




NGC3193

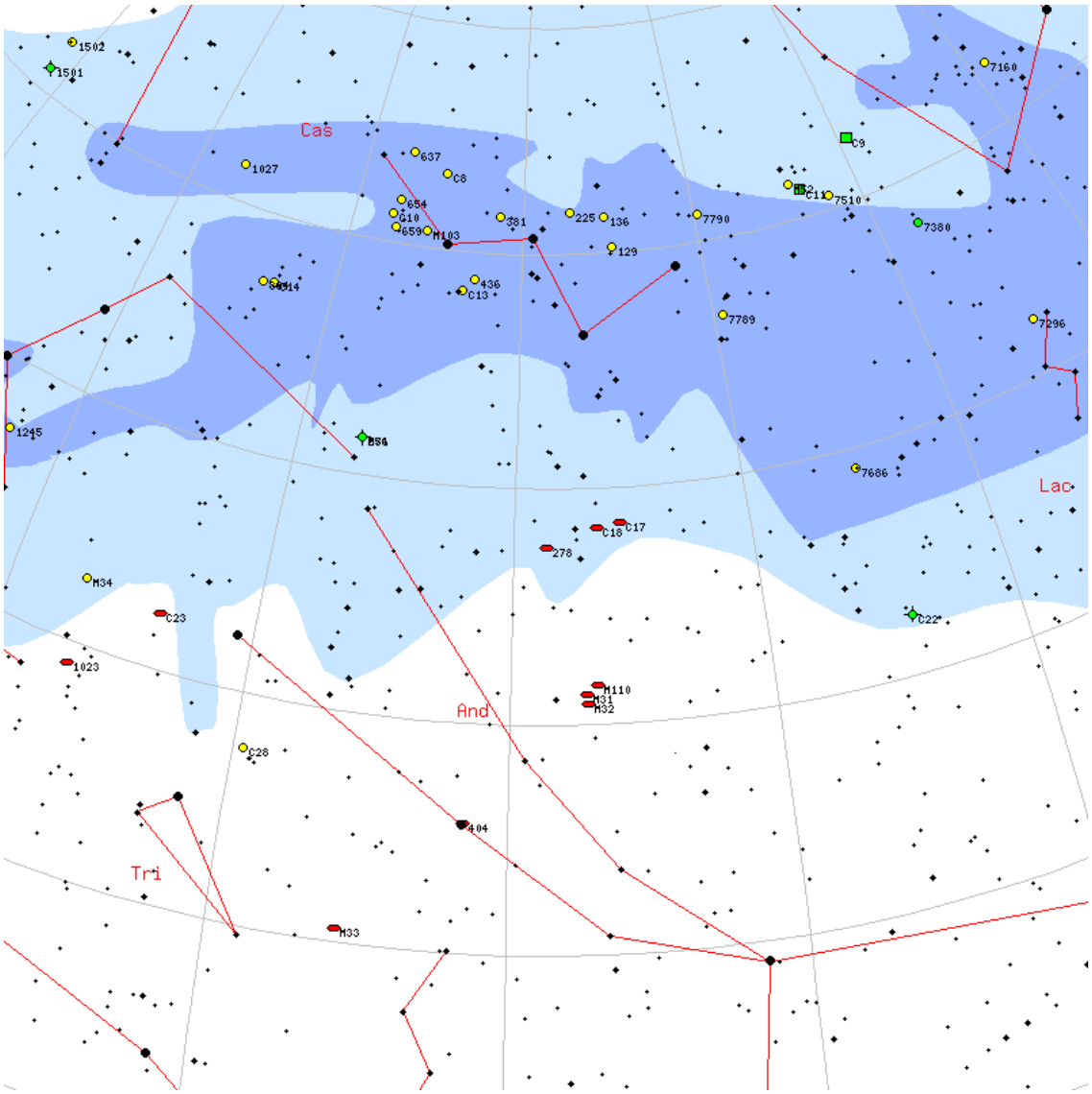
M	NGC3193	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10.9	**Size**	2.8 x 2.8
RA	10h 18m	**Dec**	+21d 53m
Name			
Description	B, S, vlE, pslbM, *9.5 354deg , 80"		





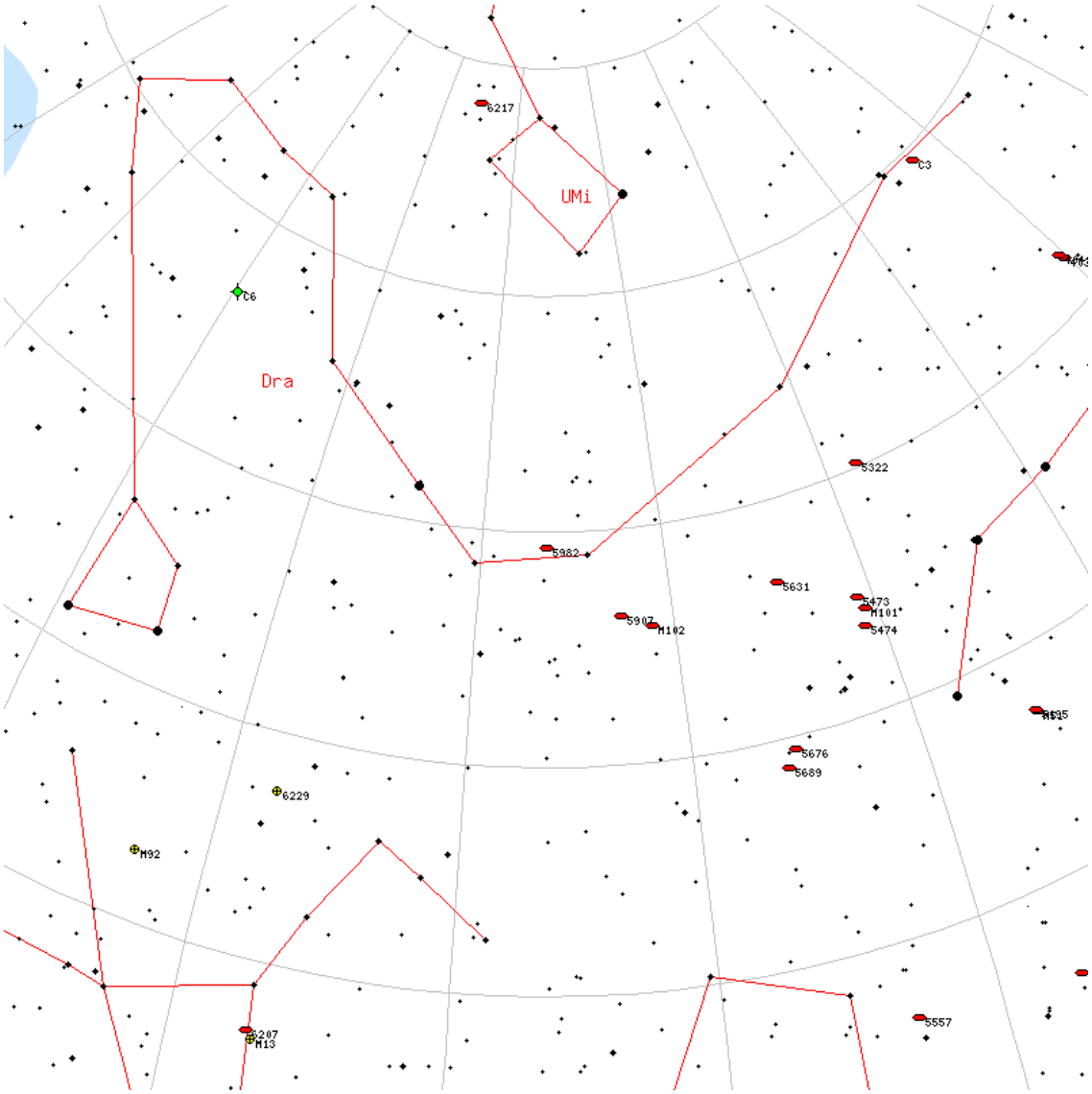
NGC278

M	NGC278	**ID**	-
Constellation	Cas	**Type**	Gx
Magnitude	10.9	**Size**	2.2 x 2.2
RA	00h 52m	**Dec**	+47d 32m
Name			
Description	cB, pL, R, 2 st 10 nr		



NGC5982

M	NGC5982	**ID**	-
Constellation	Dra	**Type**	Gx
Magnitude	11.1	**Size**	1.3 x 1
RA	15h 38m	**Dec**	+59d 21m
Name			
Description	cB, S, R, psbM, r		

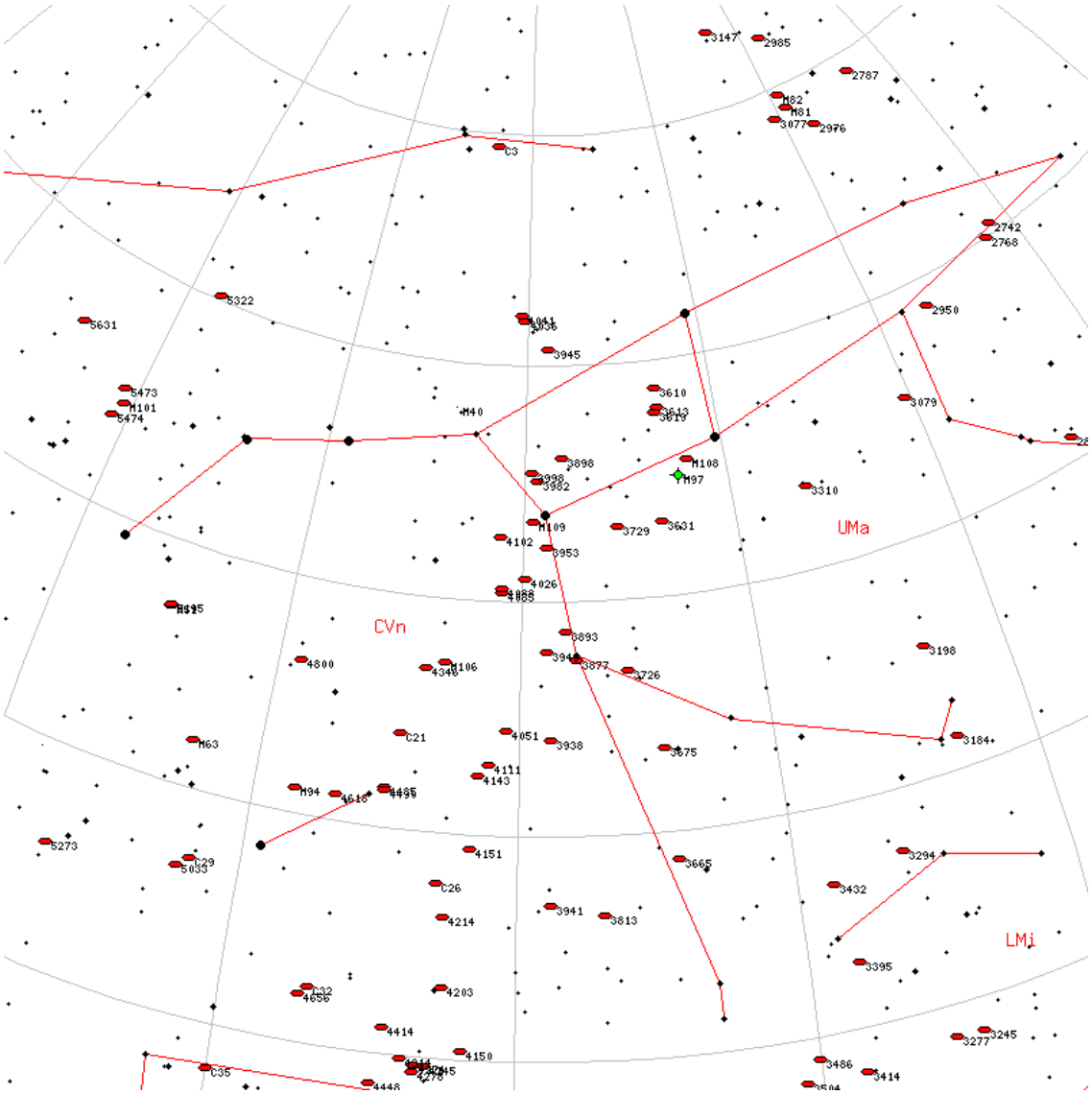


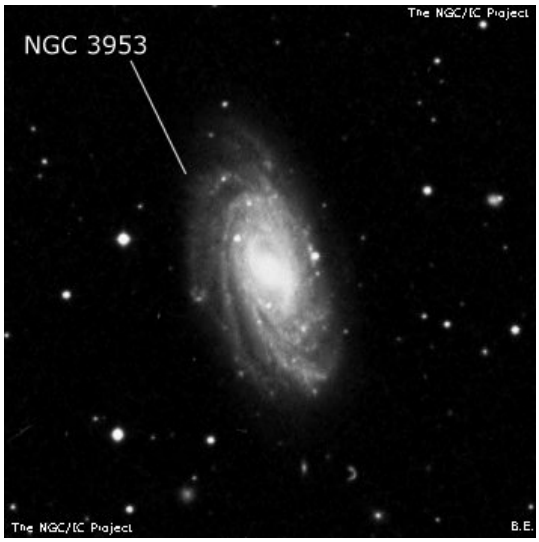
NGC598

M	NGC598	**ID**	-
Constellation	Tri	**Type**	Gx
Magnitude	5.7	**Size**	35.4 x 20.8
RA	01h 33m	**Dec**	+30d 38m
Name	Triangulum Galaxy/Pinwheel galaxy		
Description	! eB, eL, R, vgbMN		

NGC3953

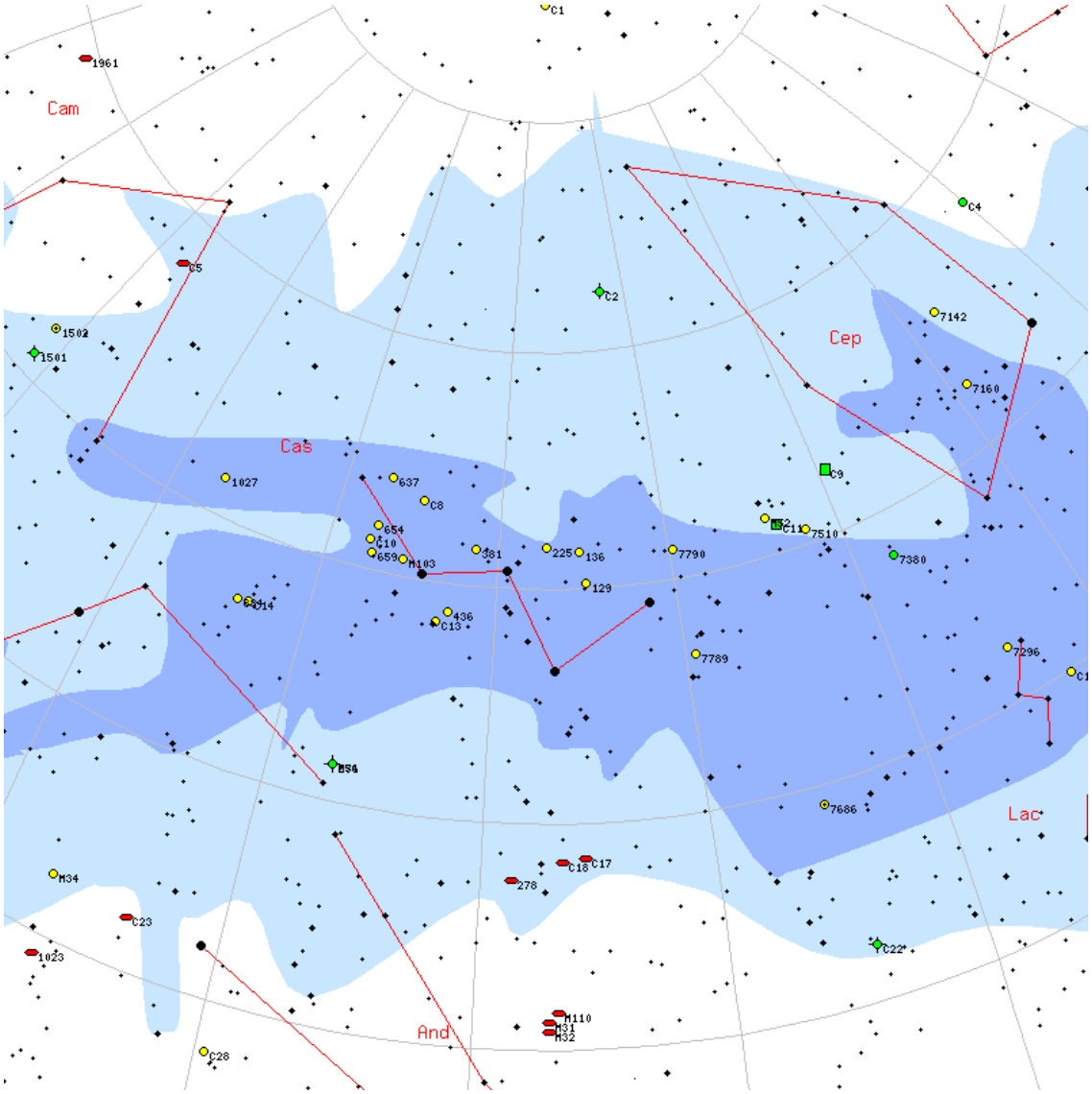
M	NGC3953	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.1	**Size**	3.5 x 1.7
RA	11h 53m	**Dec**	+52d 19m
Name			
Description	cB, L, E 0deg +/- , vsbMLrN		





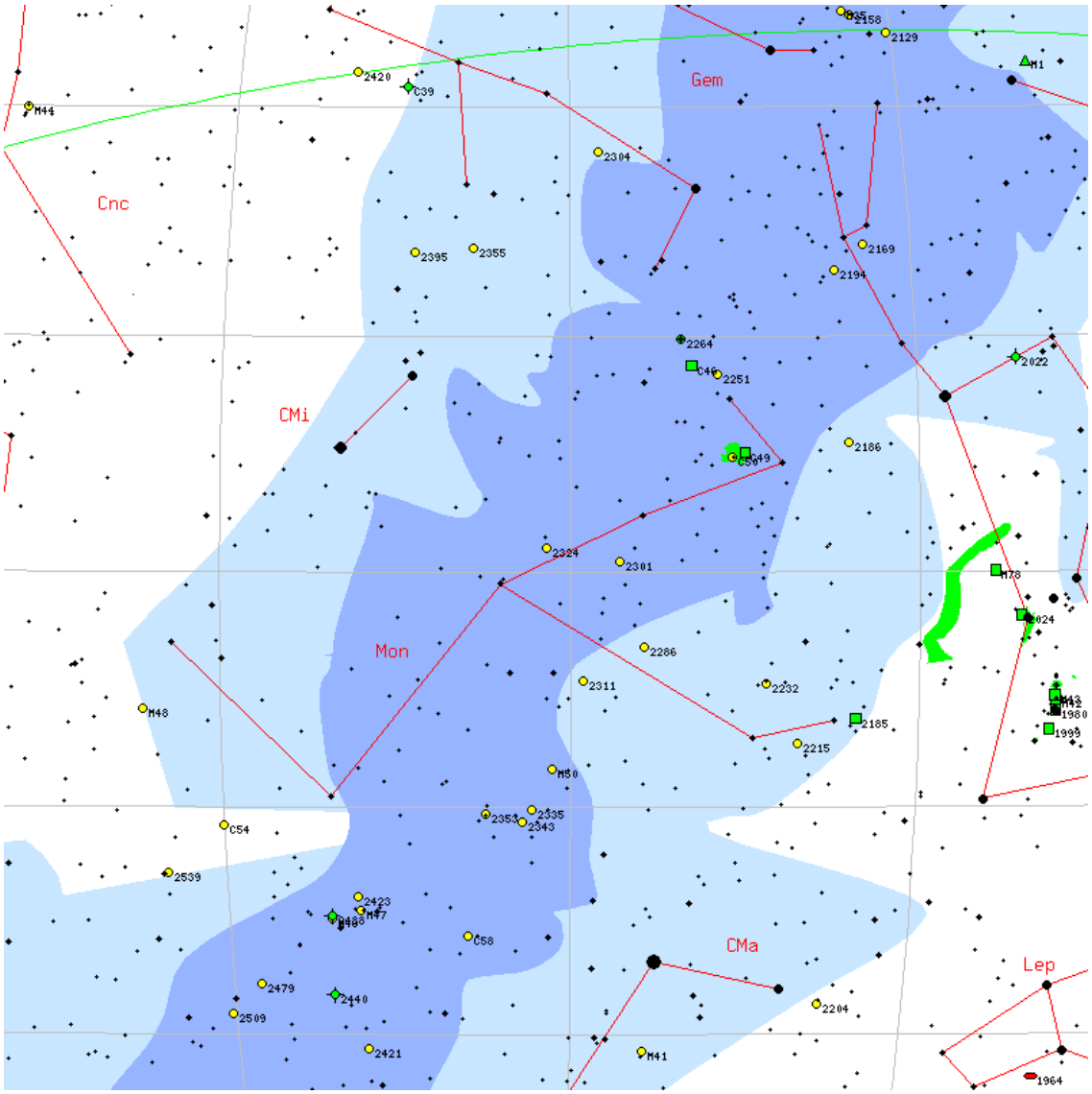
NGC225

M	NGC225	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	7	**Size**	12 x 12
RA	00h 43m	**Dec**	+61d 46m
Name			
Description	Cl, L, IC, st 9...10		

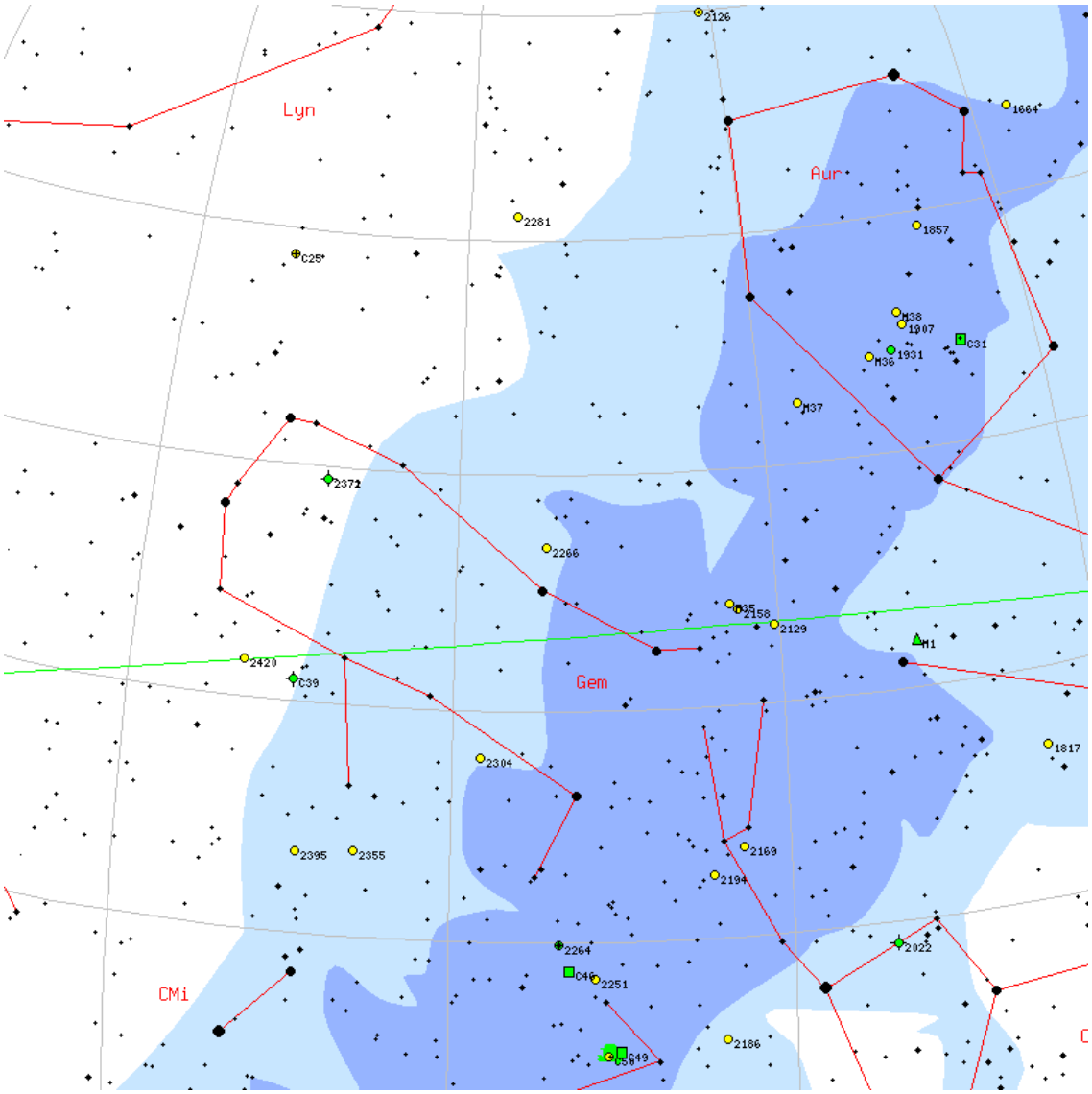


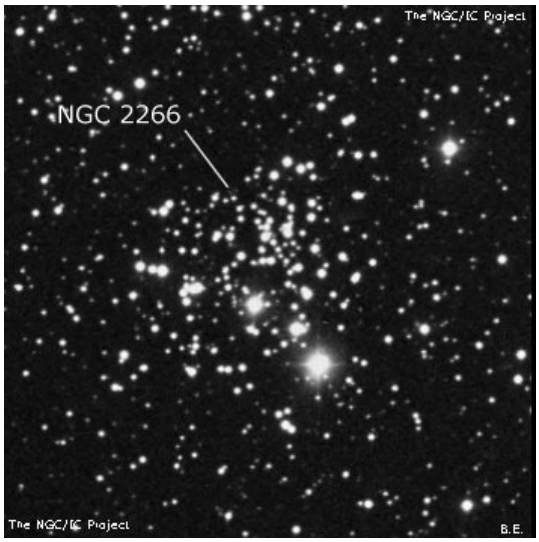
NGC2324

M	NGC2324	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	8.4	**Size**	8 x 8
RA	07h 04m	**Dec**	+01d 03m
Name			
Description	Cl, L, Ri, cC, st 12...16		



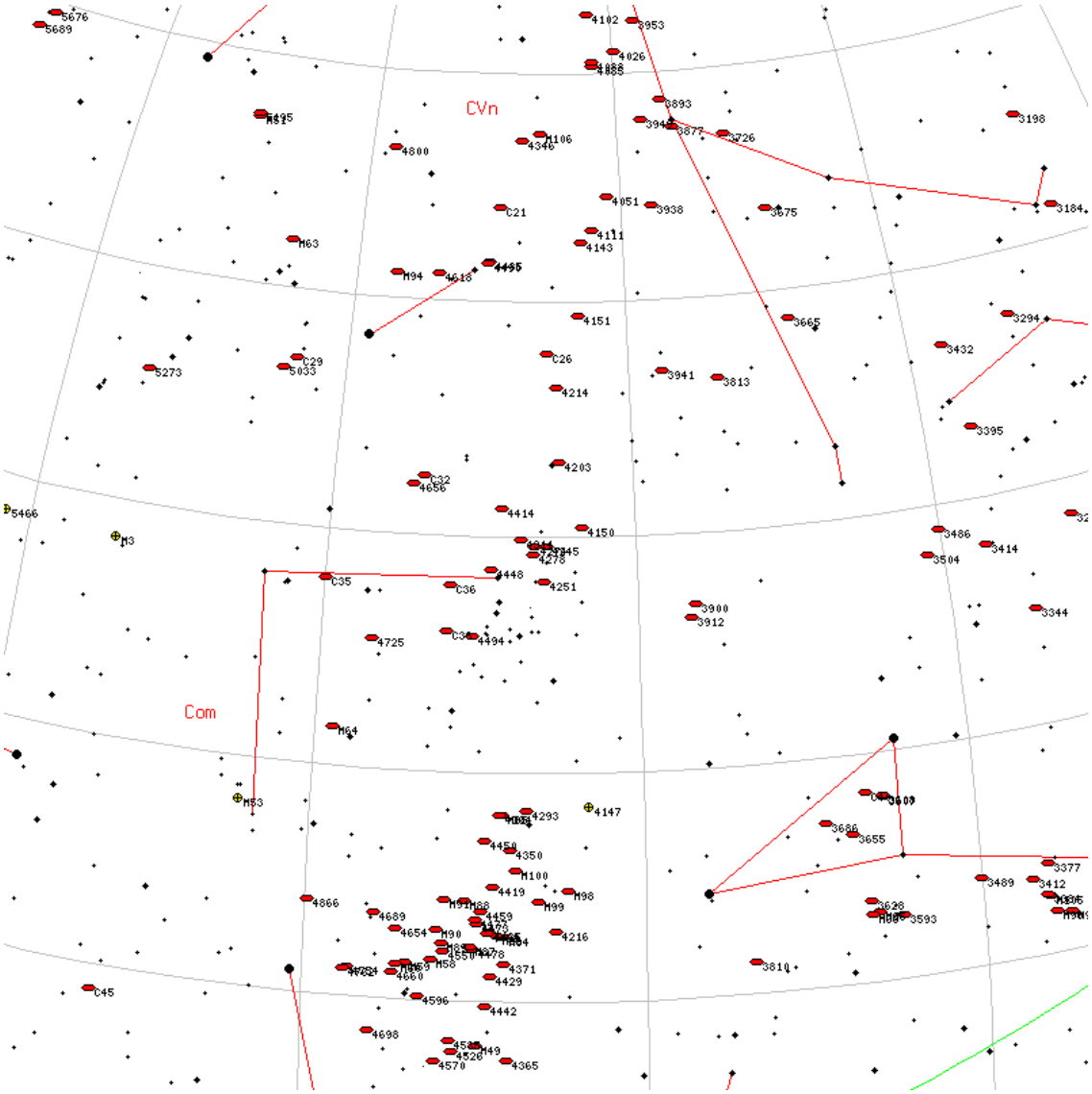
M	NGC2266	**ID**	-
Constellation	Gem	**Type**	OC
Magnitude	10	**Size**	7 x 7
RA	06h 43m	**Dec**	+26d 58m
Name			
Description	Cl, pS, eC, Ri, st 11...15		

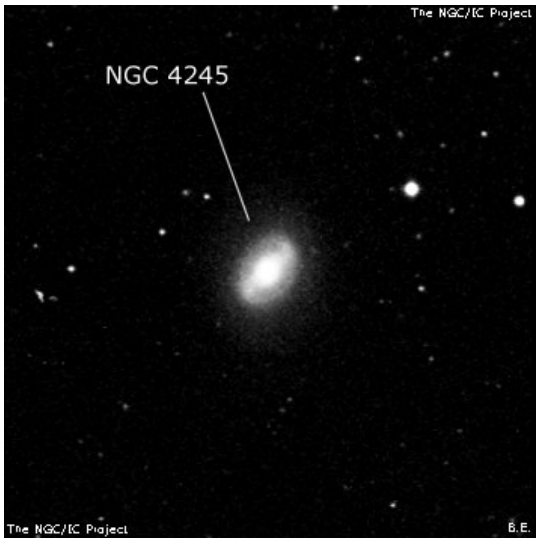




NGC4245

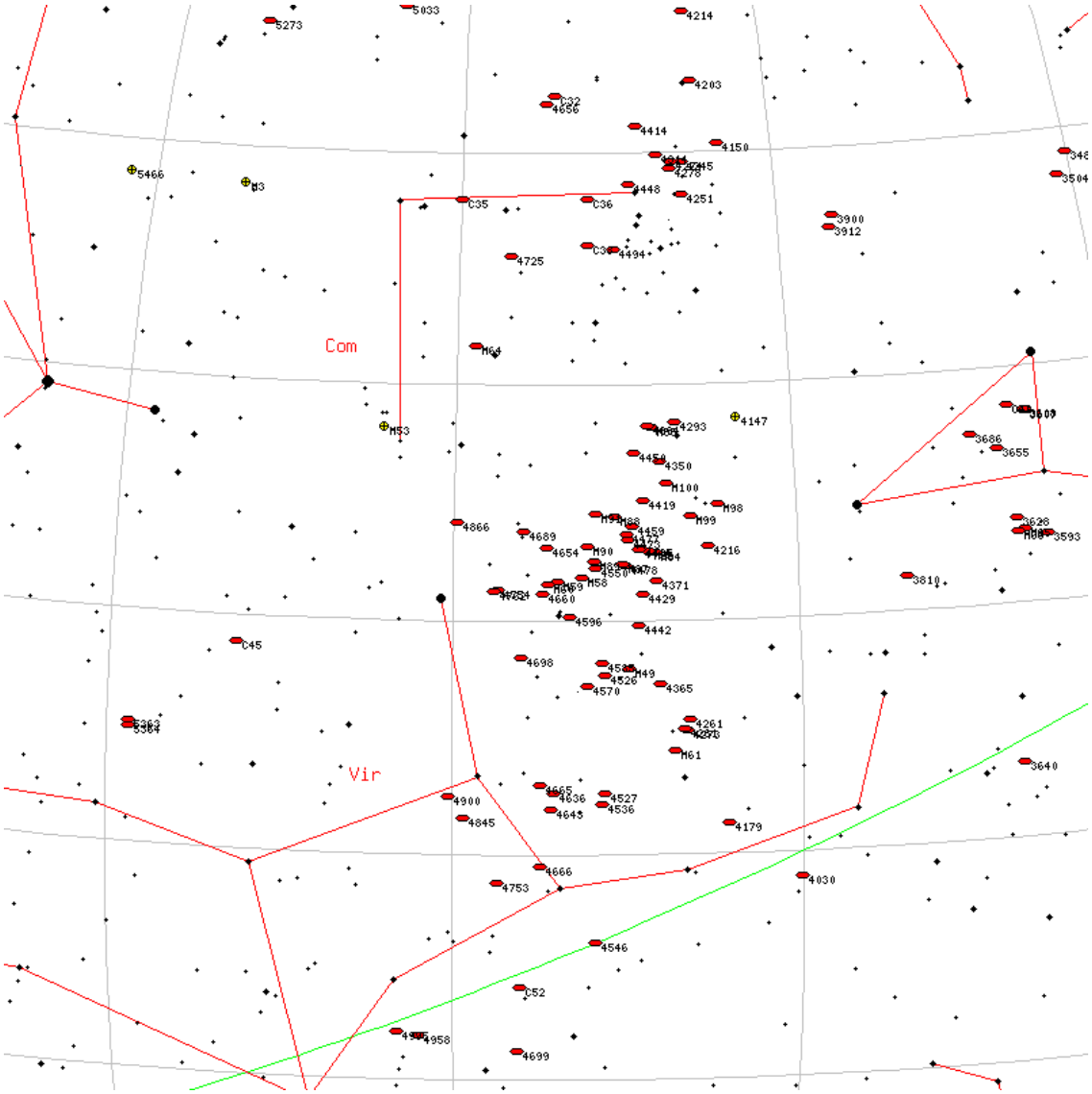
M	NGC4245	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	11.4	**Size**	3.3 x 3.3
RA	12h 17m	**Dec**	+29d 36m
Name			
Description	cB, pL, vlE, smbM, r		

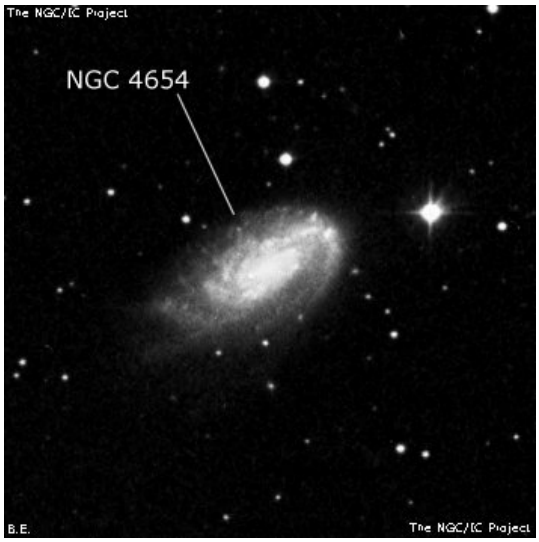




NGC4654

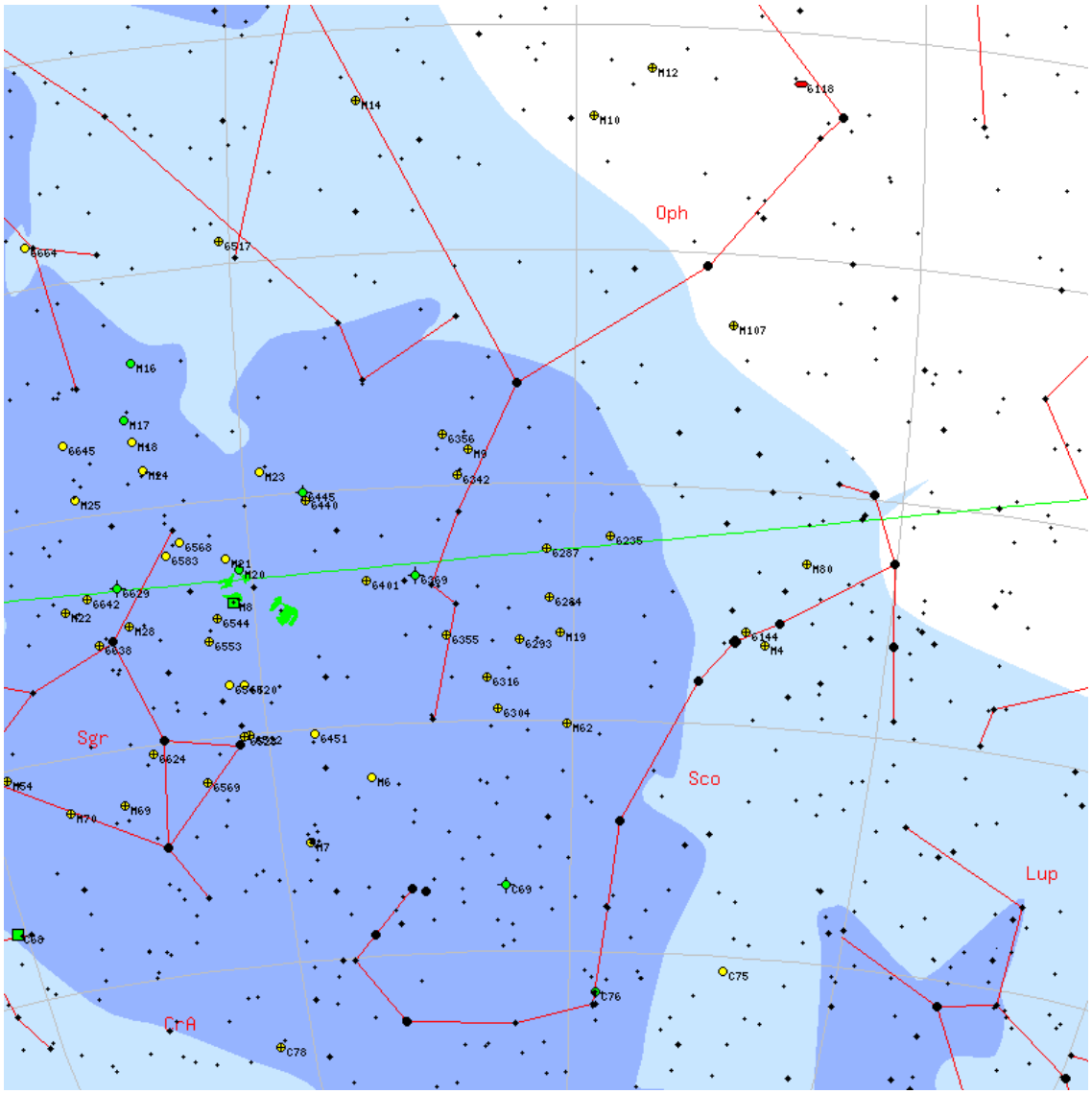
M	NGC4654	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.5	**Size**	2.5 x 1.4
RA	12h 43m	**Dec**	+13d 07m
Name			
Description	F, vL, pmE (D?), 3 st nr; = IC 3708		





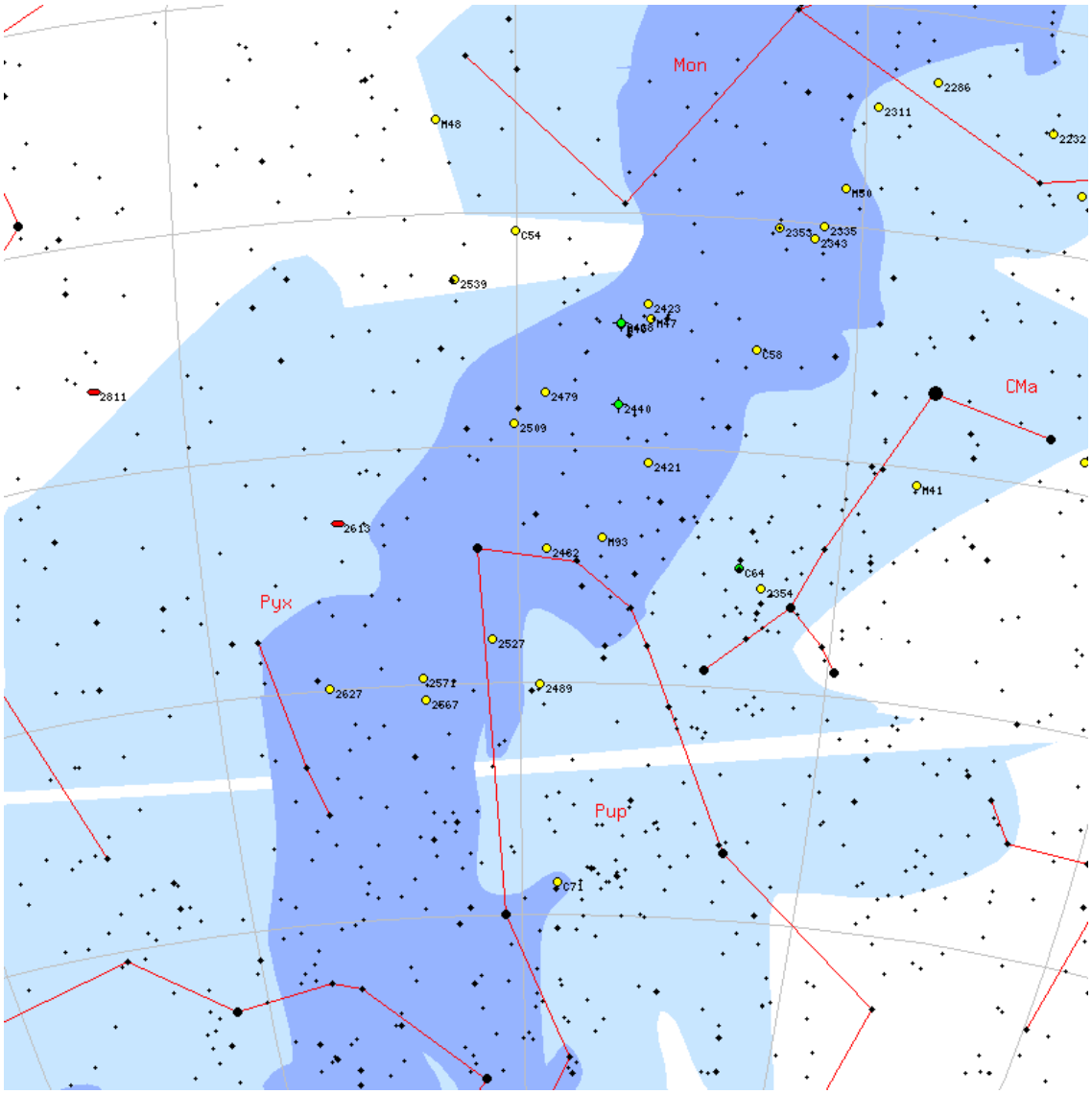
NGC6287

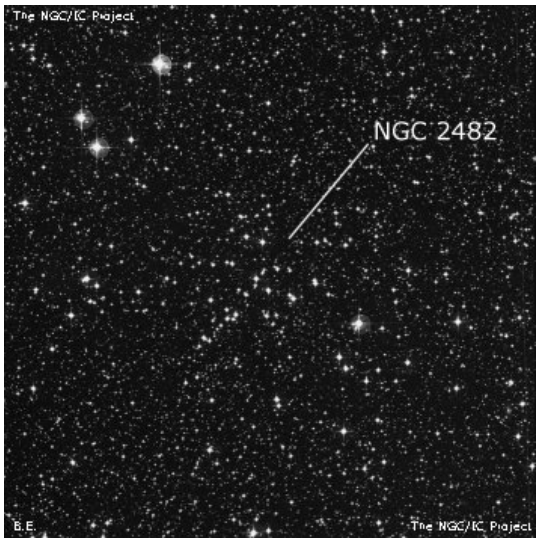
M	NGC6287	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	9.2	**Size**	5.1 x 5.1
RA	17h 05m	**Dec**	-22d 41m
Name			
Description	glob. cl. , cB, L, R, gmpCM, rrr, st 16		



NGC2482

M	NGC2482	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	7.3	**Size**	12 x 12
RA	07h 54m	**Dec**	-24d 18m
Name			
Description	Cl, L, cRi, vIC		



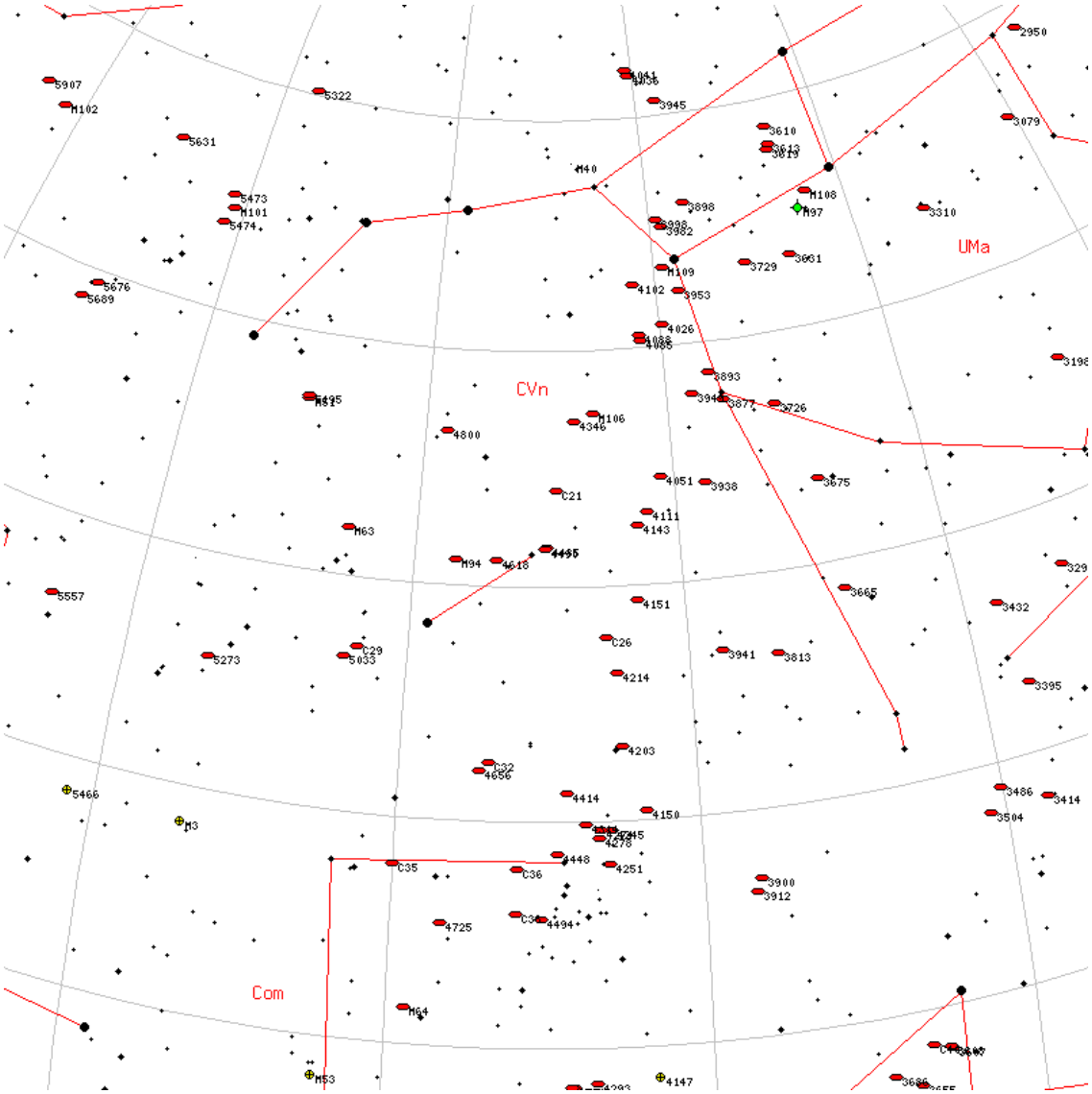


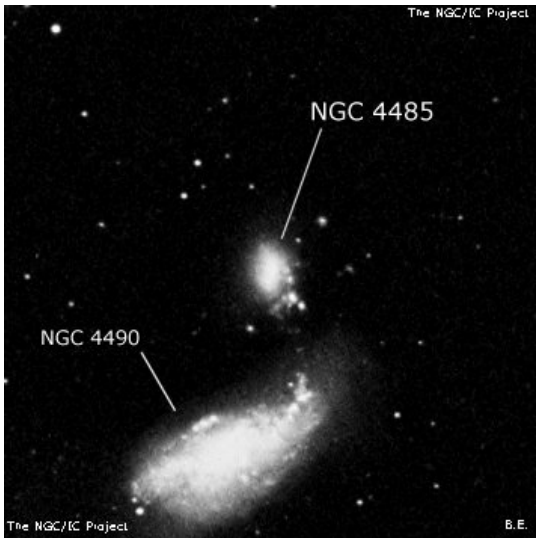
NGC247

M	NGC247	**ID**	-
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		

NGC4485

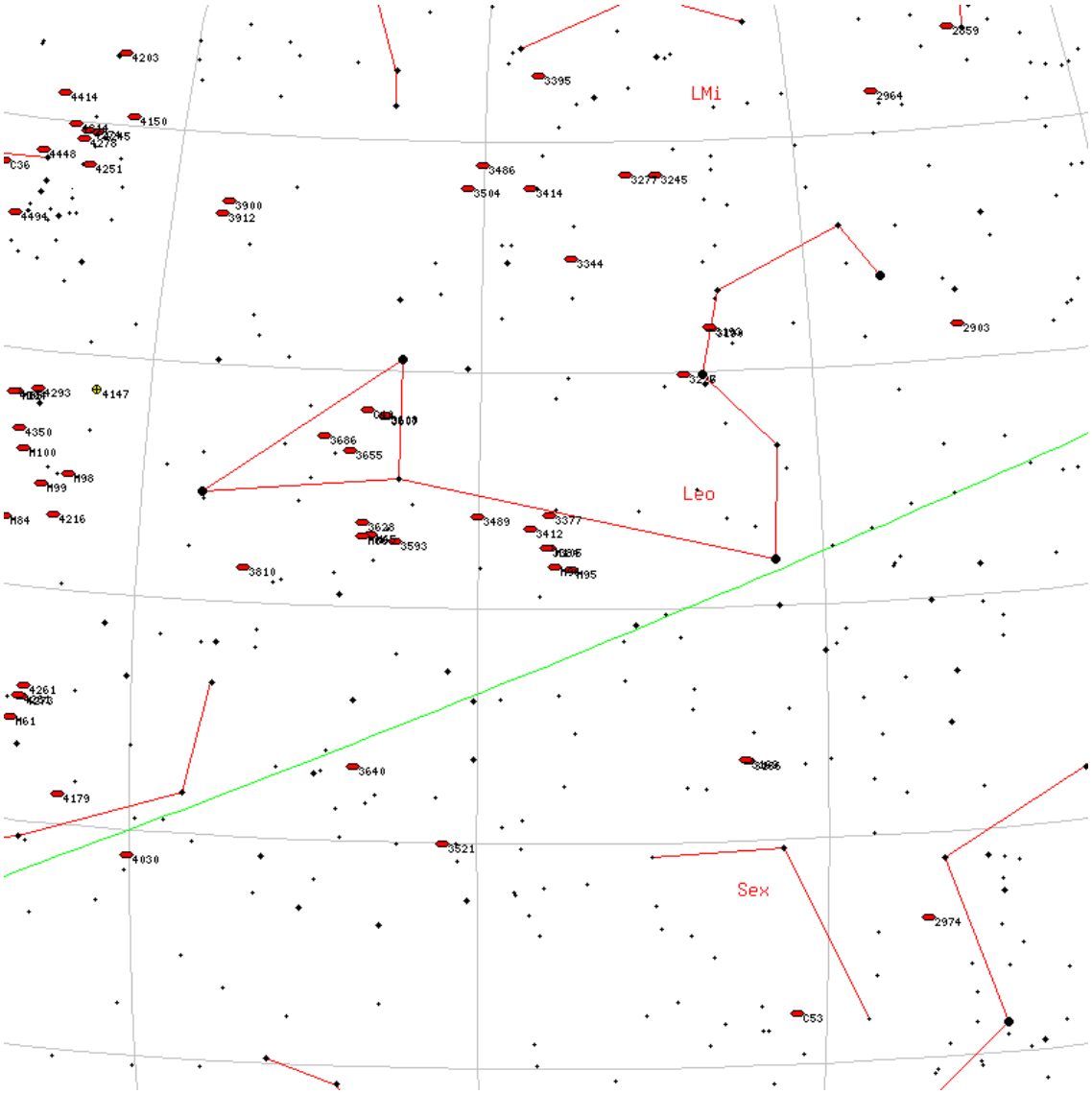
M	NGC4485	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	12	**Size**	1.1 x 0.8
RA	12h 30m	**Dec**	+41d 42m
Name	Cocoon Galaxy		
Description	B, pS, iR, np of 2		

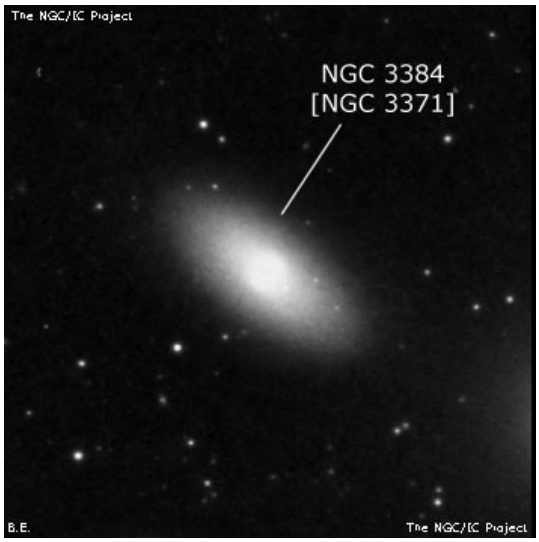




NGC3384

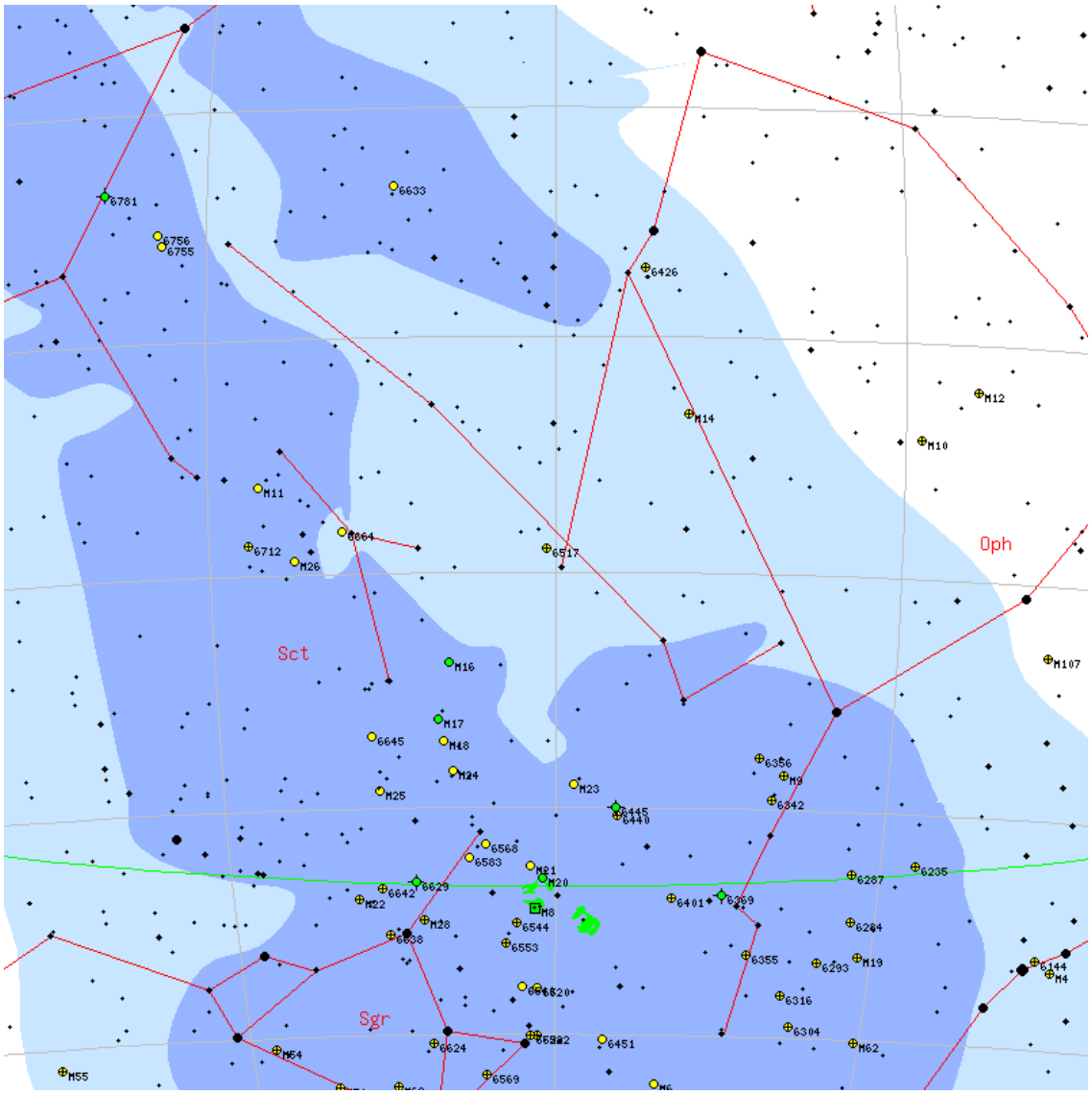
M	NGC3384	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10	**Size**	2.8 x 1.3
RA	10h 48m	**Dec**	+12d 37m
Name			
Description	vB, L, R, psmbM, 2nd of 3		





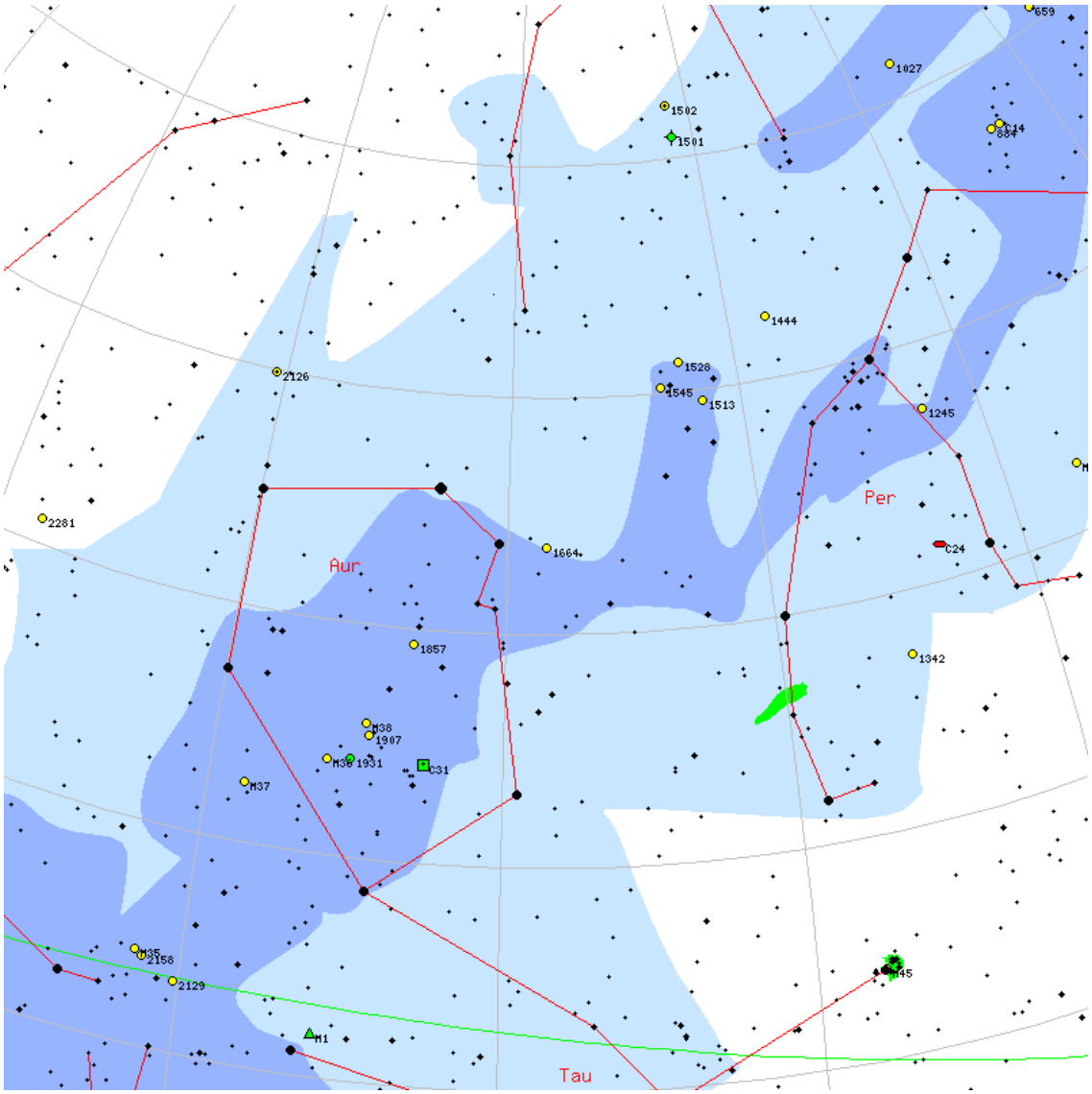
NGC6517

M	NGC6517	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	10.3	**Size**	4.3 x 4.3
RA	18h 01m	**Dec**	-08d 58m
Name			
Description	pB, pL, R, rr		



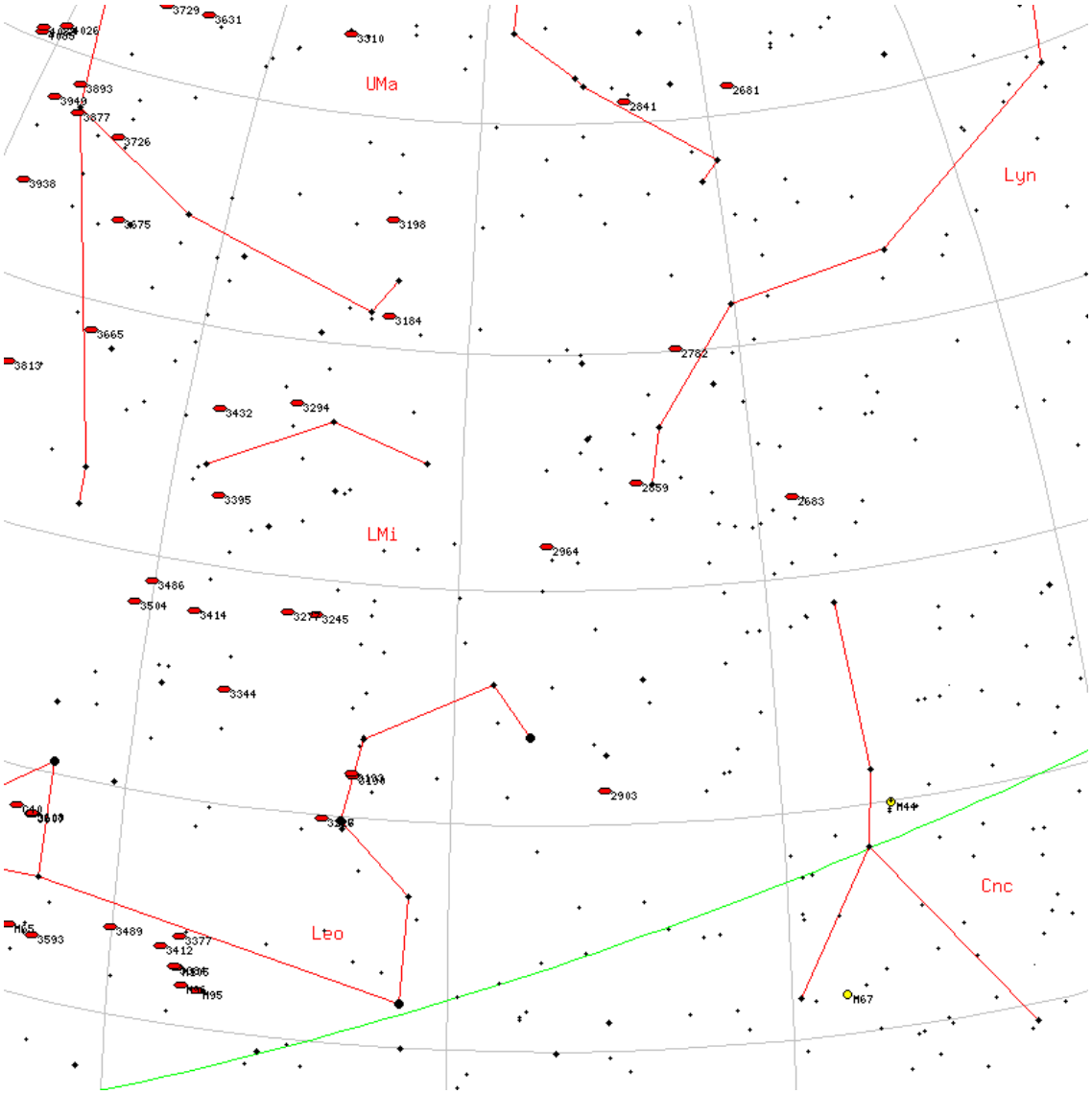
NGC1664

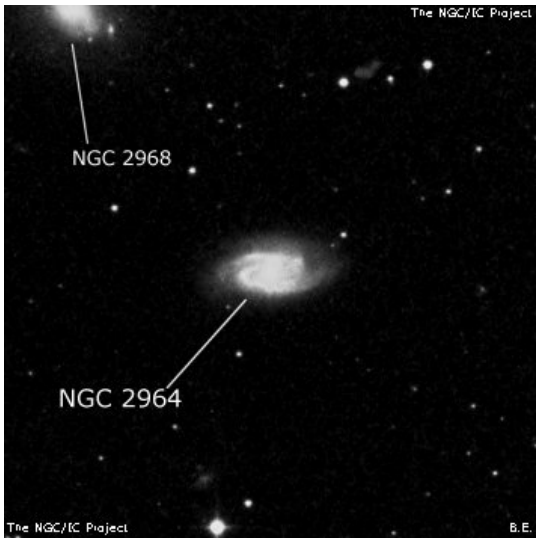
M	NGC1664	**ID**	-
Constellation	Aur	**Type**	OC
Magnitude	7.6	**Size**	18 x 18
RA	04h 51m	**Dec**	+43d 42m
Name			
Description	Cl, IRi, IC, pL		



NGC2964

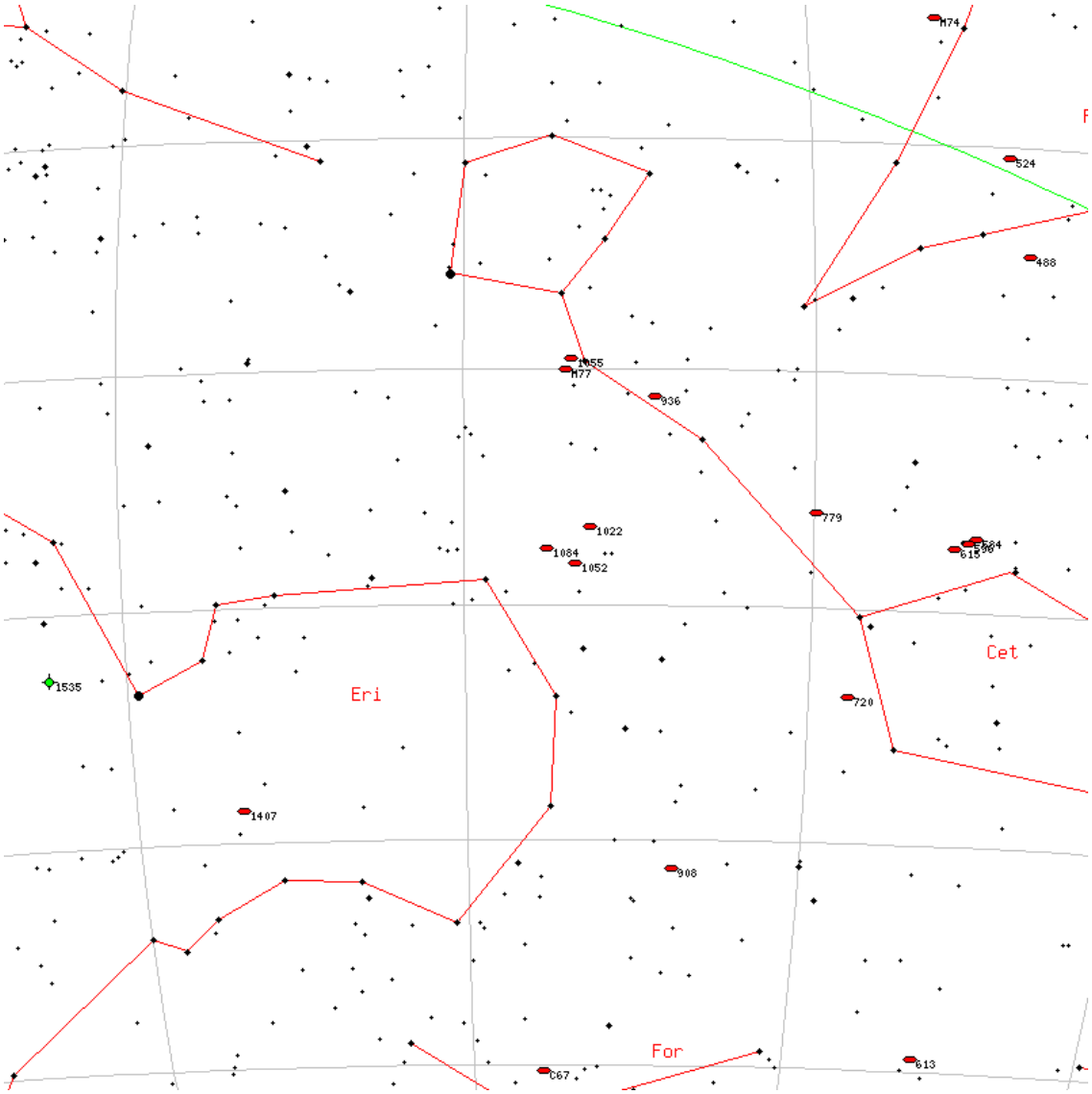
M	NGC2964	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	11.3	**Size**	1.4 x 0.8
RA	09h 42m	**Dec**	+31d 51m
Name			
Description	B, vL, lE, vgbM, sp of 3		

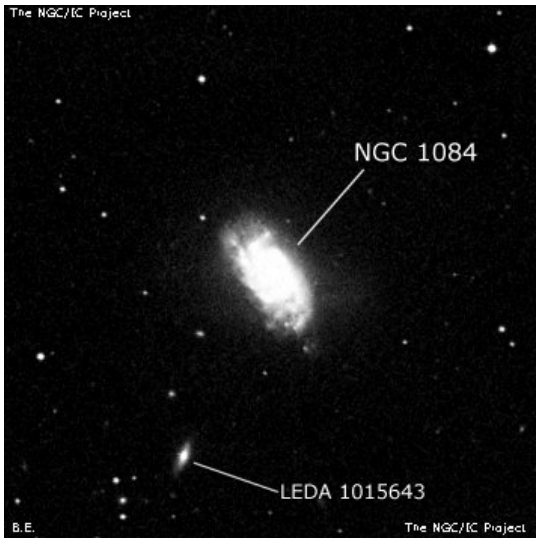




NGC1084

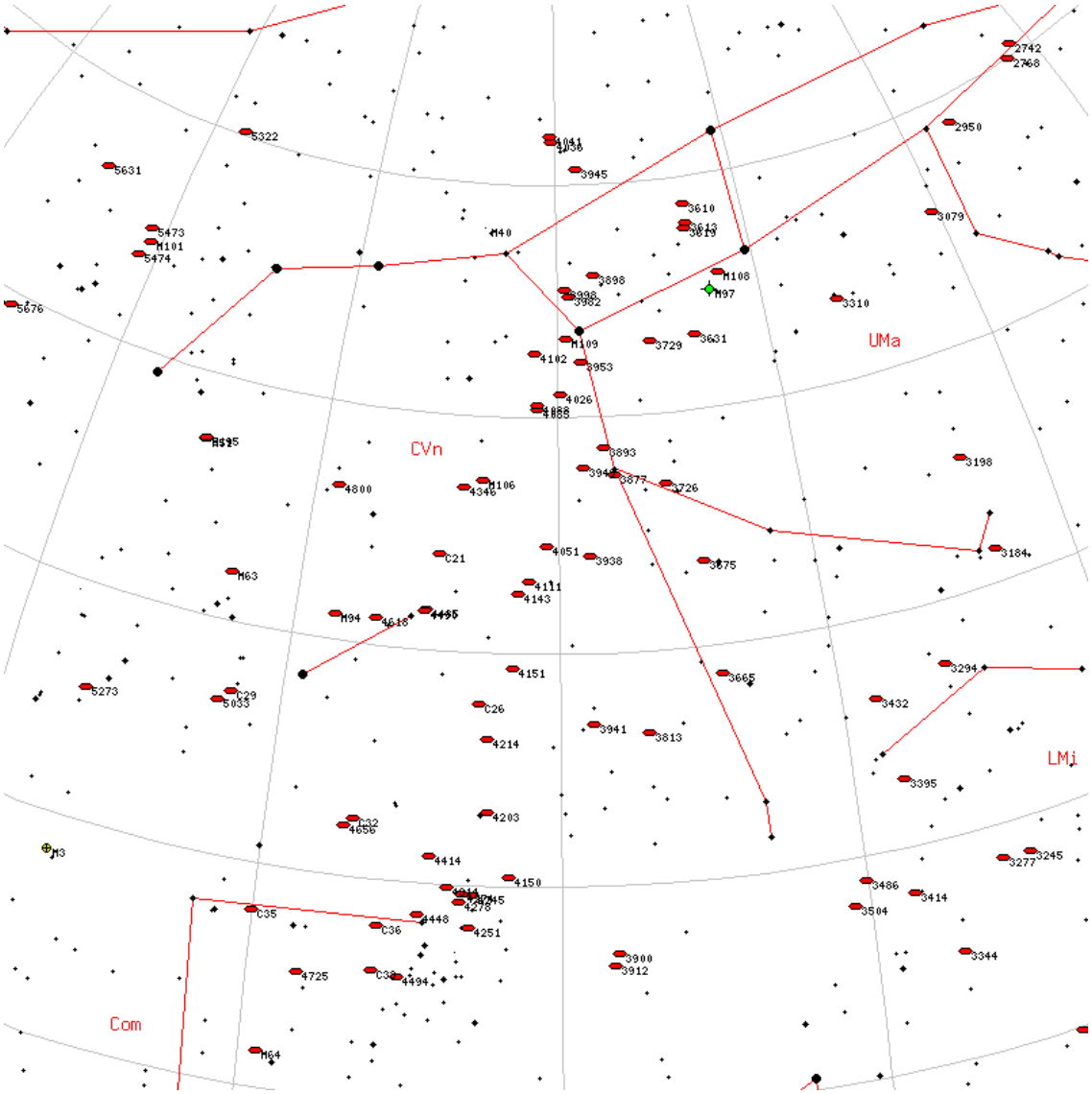
M	NGC1084	**ID**	-
Constellation	Eri	**Type**	Gx
Magnitude	10.6	**Size**	1.6 x 0.9
RA	02h 46m	**Dec**	-07d 34m
Name			
Description	vB, pL, E, gpmbM		

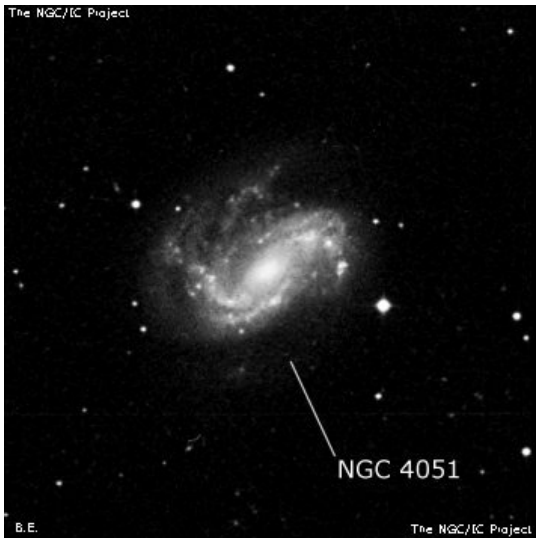




NGC4051

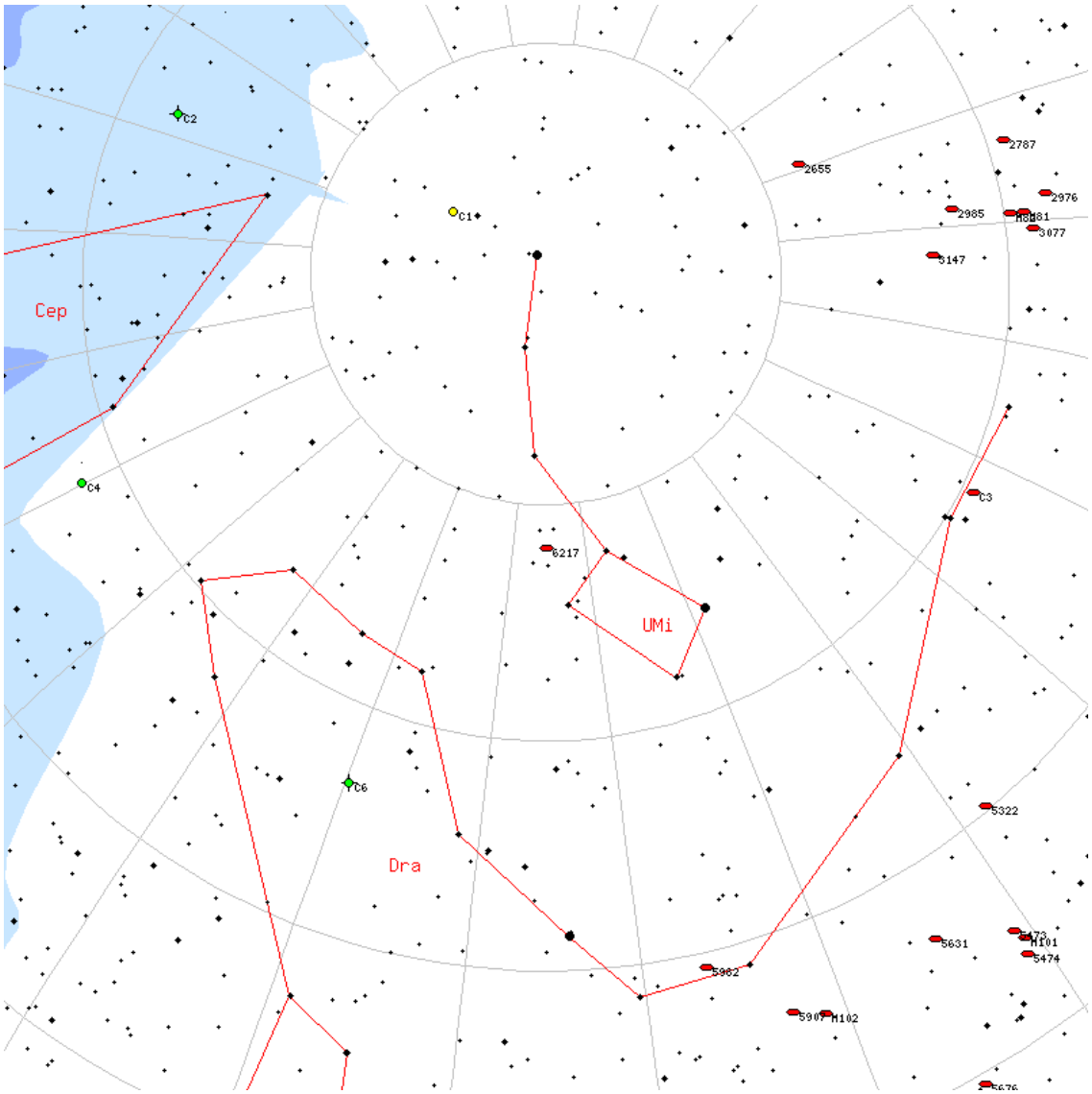
M	NGC4051	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.3	**Size**	2.6 x 2
RA	12h 03m	**Dec**	+44d 31m
Name			
Description	B, vL, E, vgvsmbM *11		





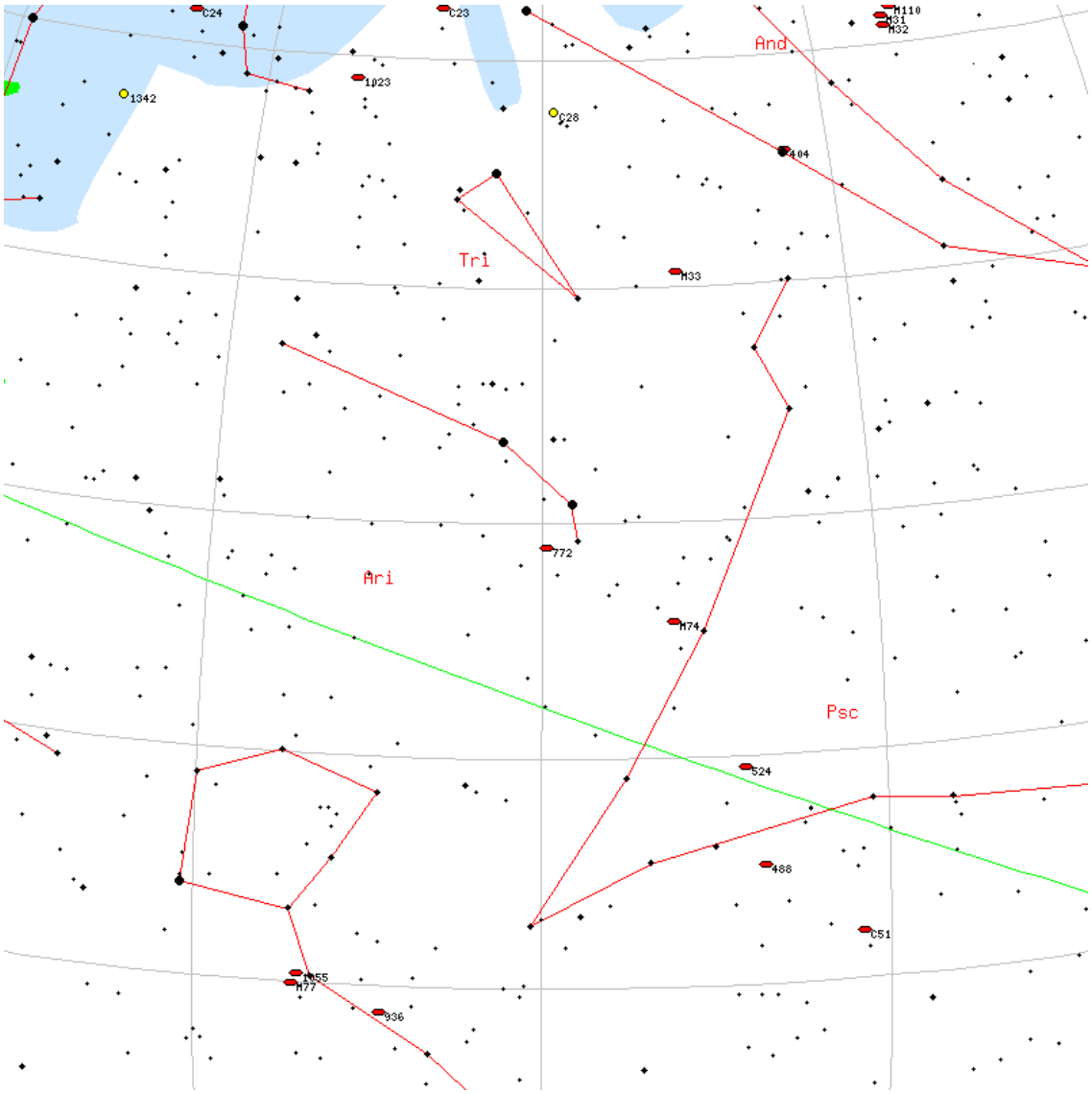
NGC6217

M	NGC6217	**ID**	-
Constellation	UMi	**Type**	Gx
Magnitude	11.2	**Size**	3.1 x 3.1
RA	16h 32m	**Dec**	+78d 12m
Name			
Description	B, cL, IE, slbM		



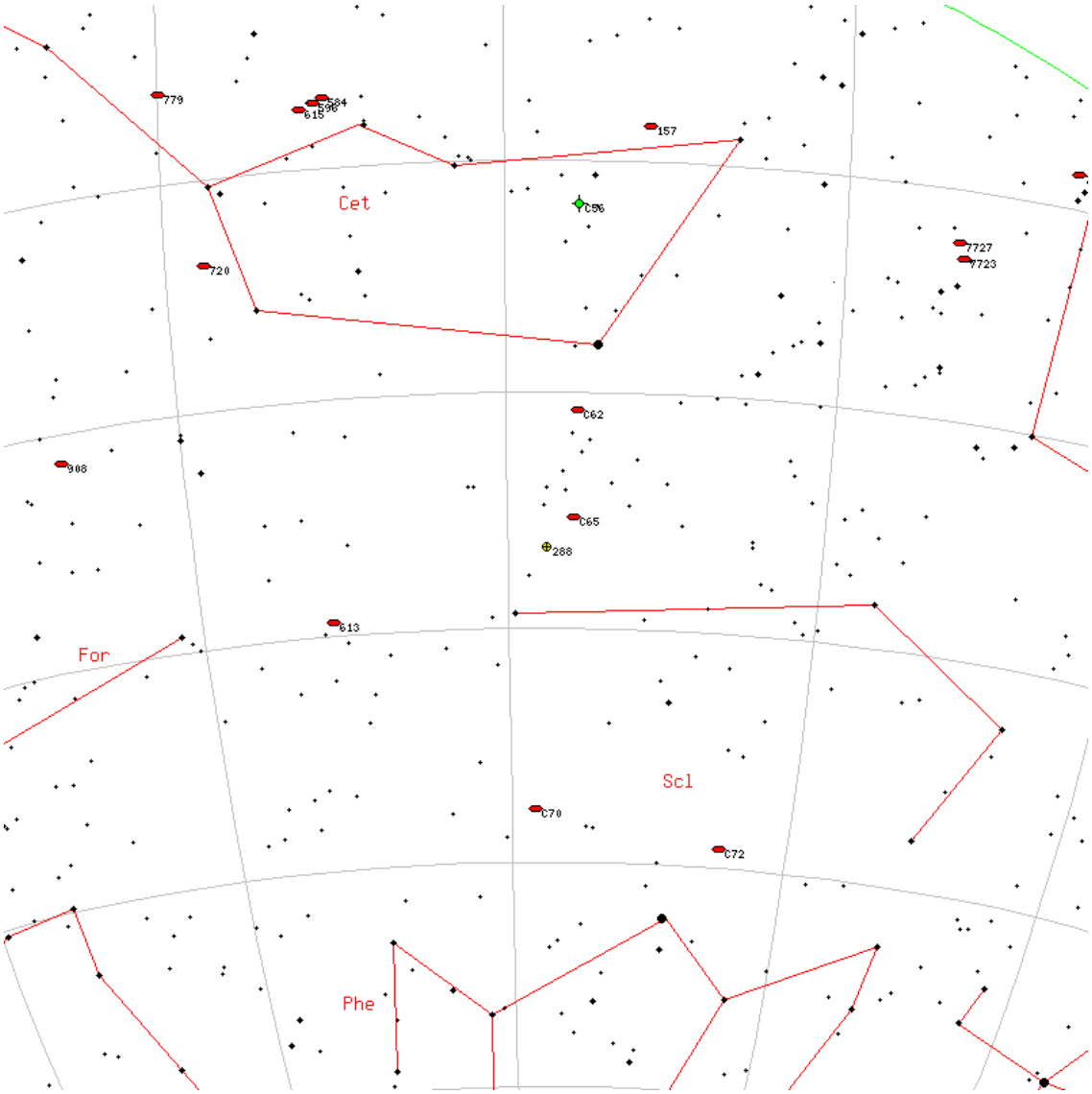
NGC772

M	NGC772	**ID**	-
Constellation	Ari	**Type**	Gx
Magnitude	10.3	**Size**	3.6 x 2.1
RA	01h 59m	**Dec**	+19d 01m
Name			
Description	B, cL, R, gbM, r		



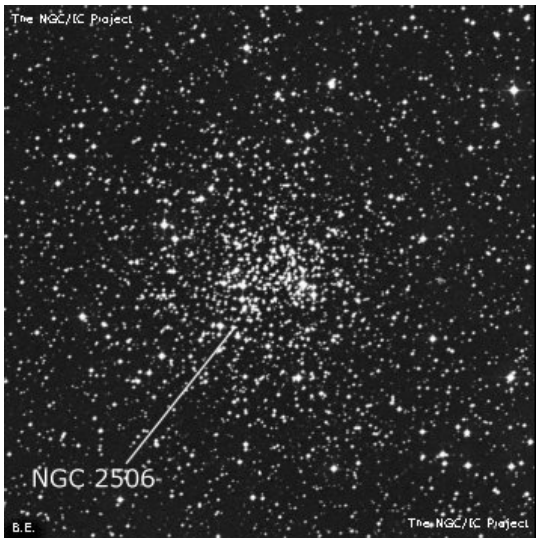
NGC288

M	NGC288	**ID**	-
Constellation	Scl	**Type**	Gb
Magnitude	8.1	**Size**	13.8 x 13.8
RA	00h 52m	**Dec**	-26d 34m
Name			
Description	glob. cl. , B, L, IE, st 12...16		



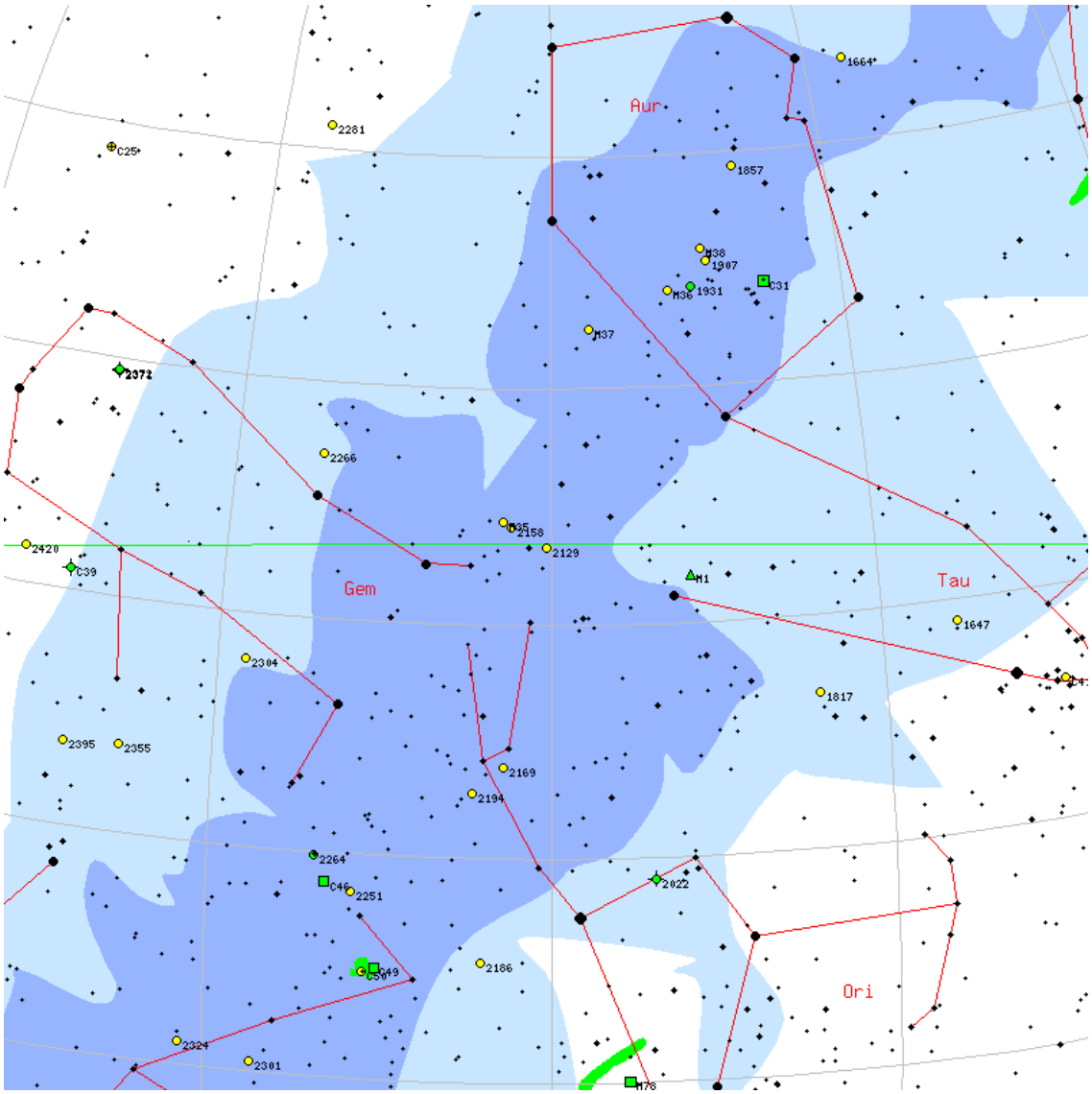
NGC2506

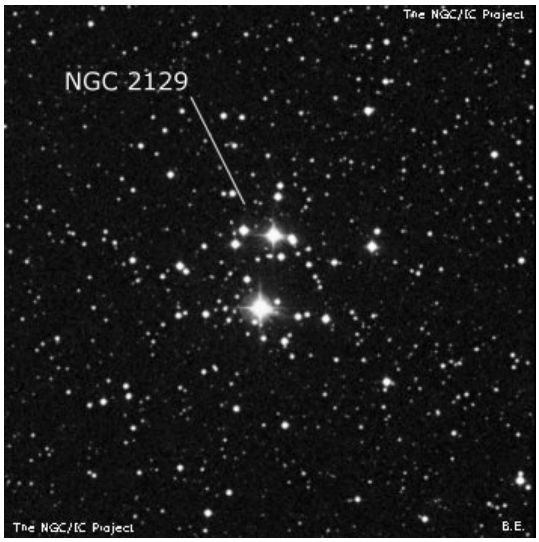
M	NGC2506	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	7.6	**Size**	7 x 7
RA	08h 00m	**Dec**	-10d 46m
Name			
Description	Cl, pL, vRi, C, st 11...20		



NGC2129

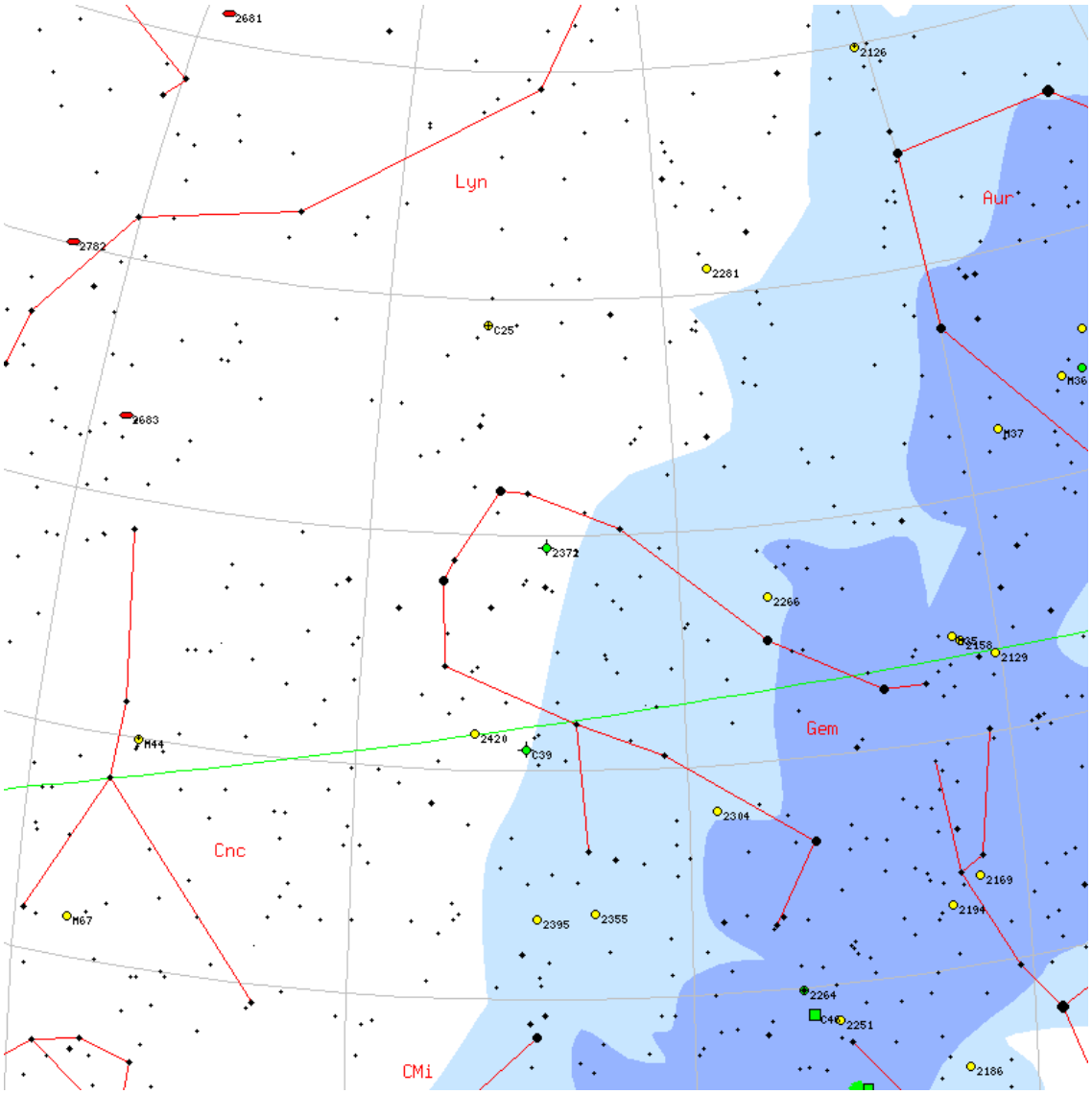
M	NGC2129	**ID**	-
Constellation	Gem	**Type**	OC
Magnitude	6.7	**Size**	7 x 7
RA	06h 01m	**Dec**	+23d 18m
Name			
Description	Cl, pL, 40 or 50 st 8...15		

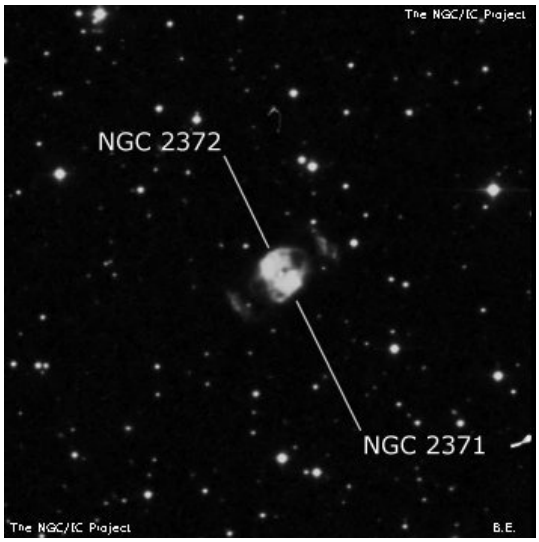




NGC2372

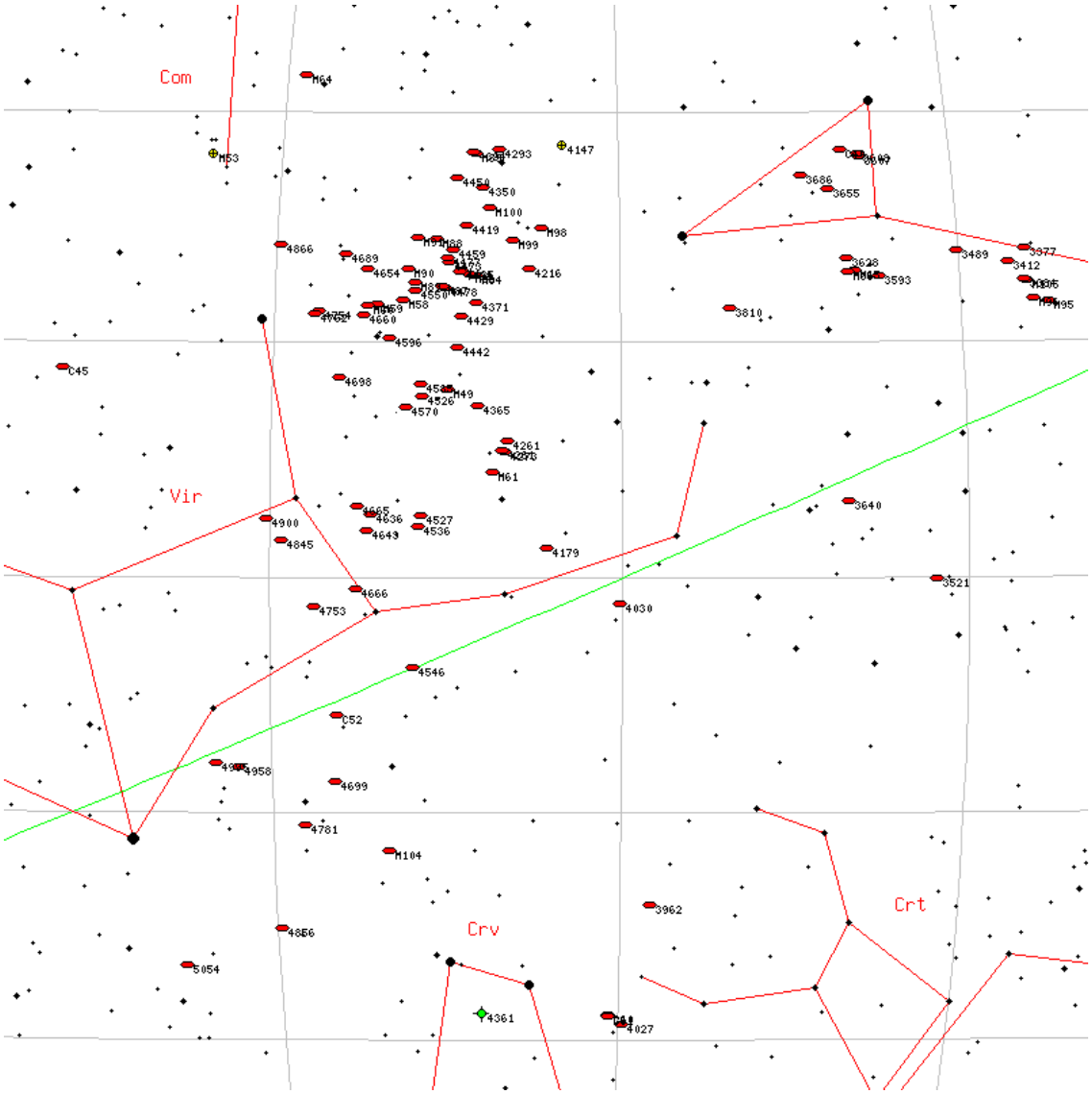
M	NGC2372	**ID**	-
Constellation	Gem	**Type**	PI
Magnitude	-	**Size**	x
RA	07h 25m	**Dec**	+29d 30m
Name	The Peanut Nebula/Double Bubble Nebula		
Description	pB, S, R, bMN, f of Dneb with NGC2371		





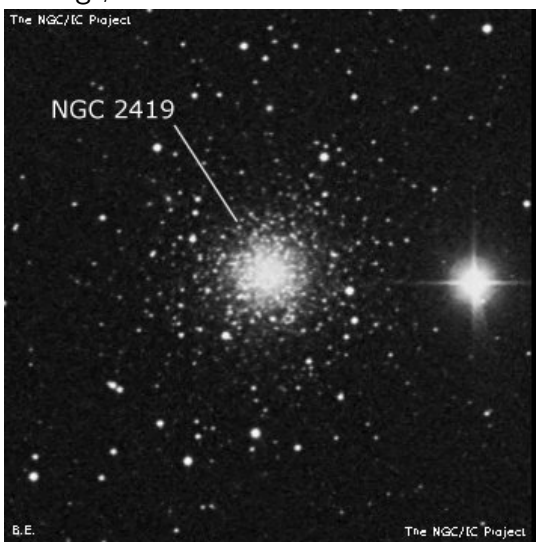
NGC4179

M	NGC4179	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.9	**Size**	2 x 0.6
RA	12h 12m	**Dec**	+01d 18m
Name			
Description	pB, pS, pmE 135deg +/- , bMN		



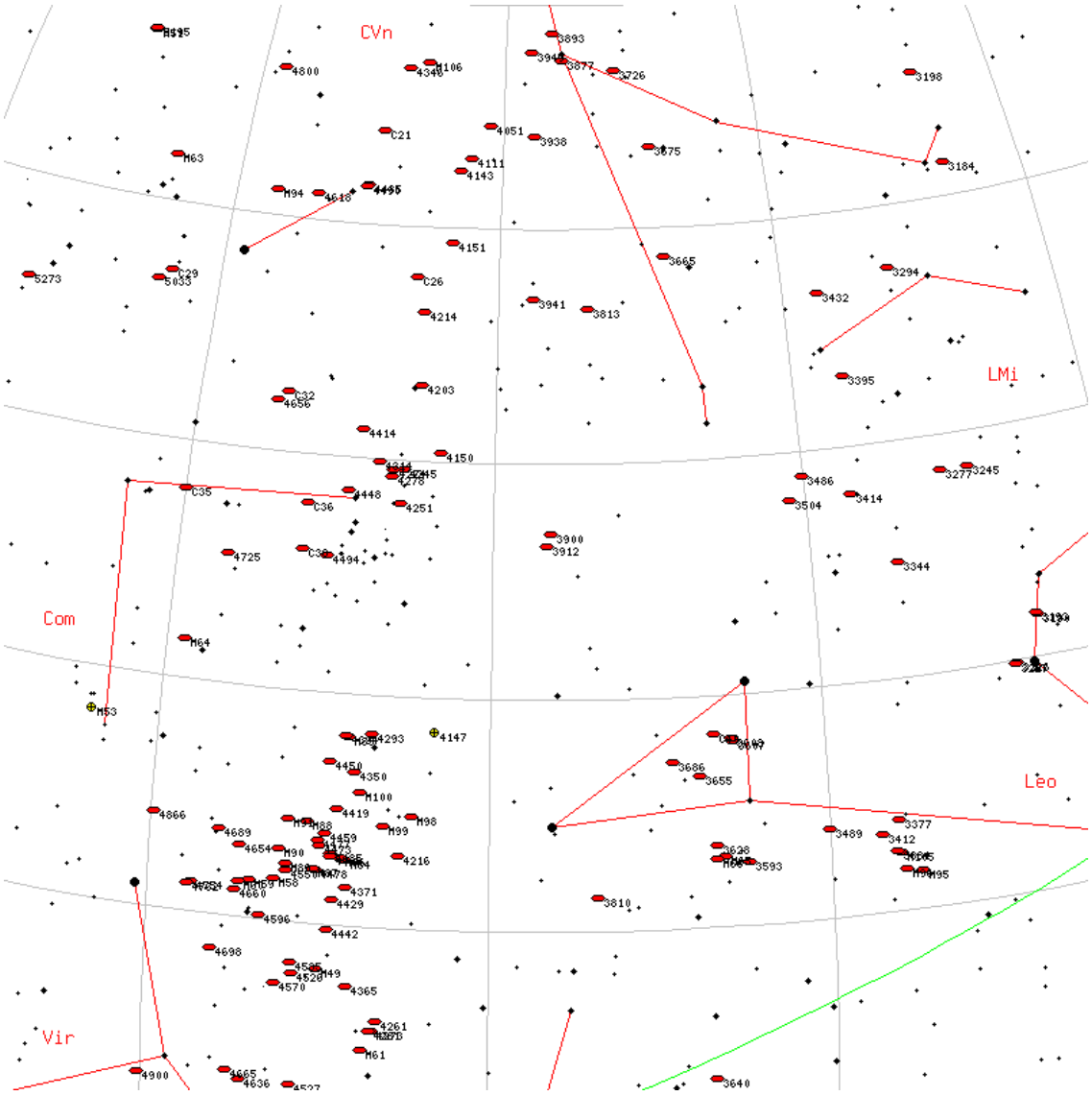
NGC2419

M	NGC2419	**ID**	-
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		



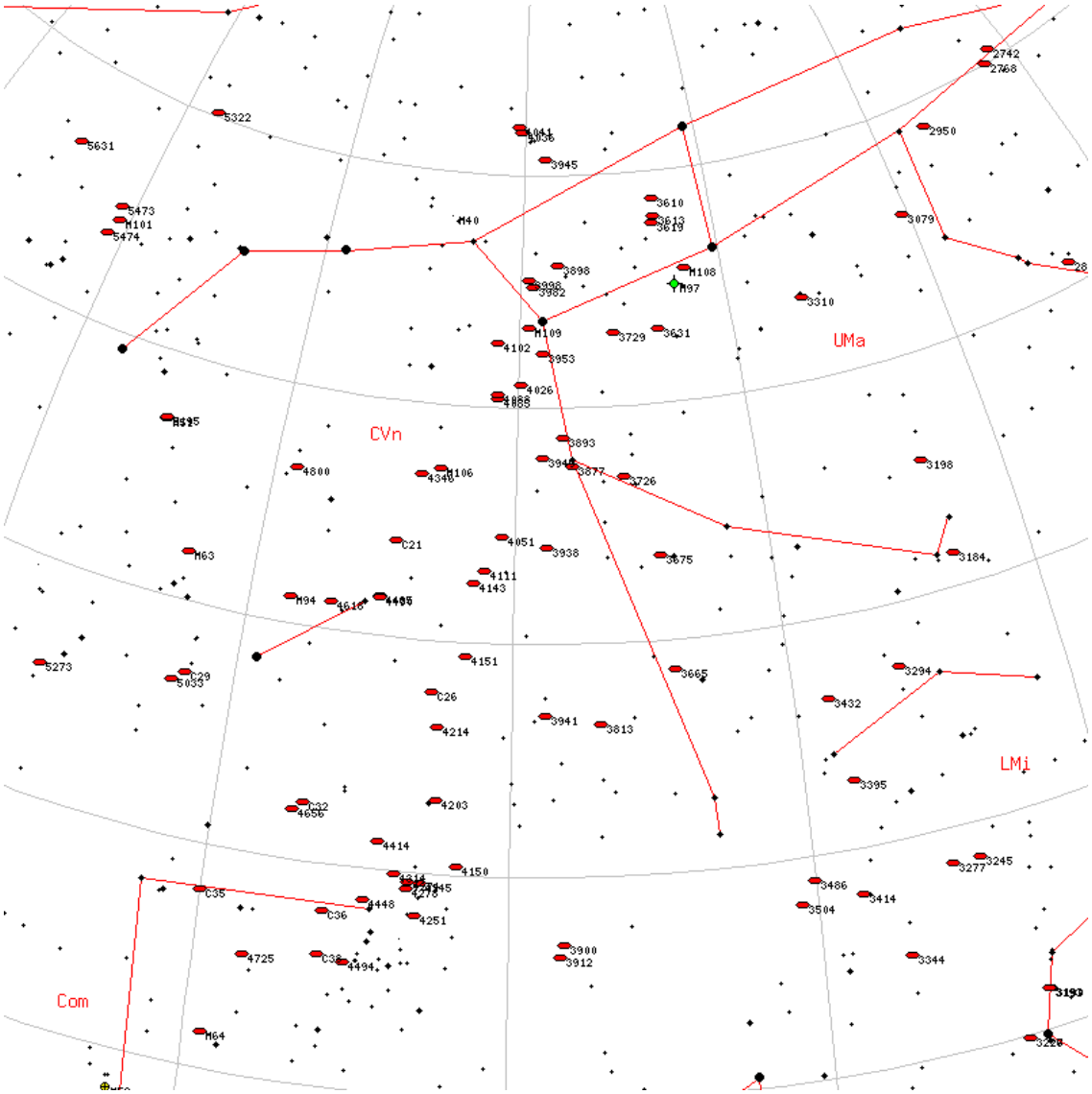
NGC3912

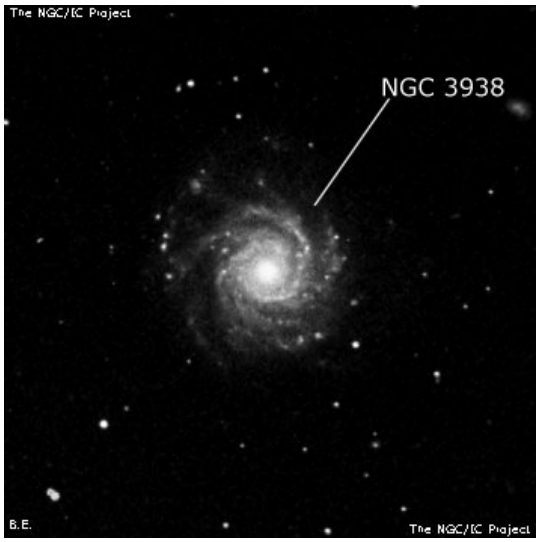
M	NGC3912	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	13	**Size**	0.8 x 0.4
RA	11h 50m	**Dec**	+26d 28m
Name			
Description	F, pL, R, pgbM		



NGC3938

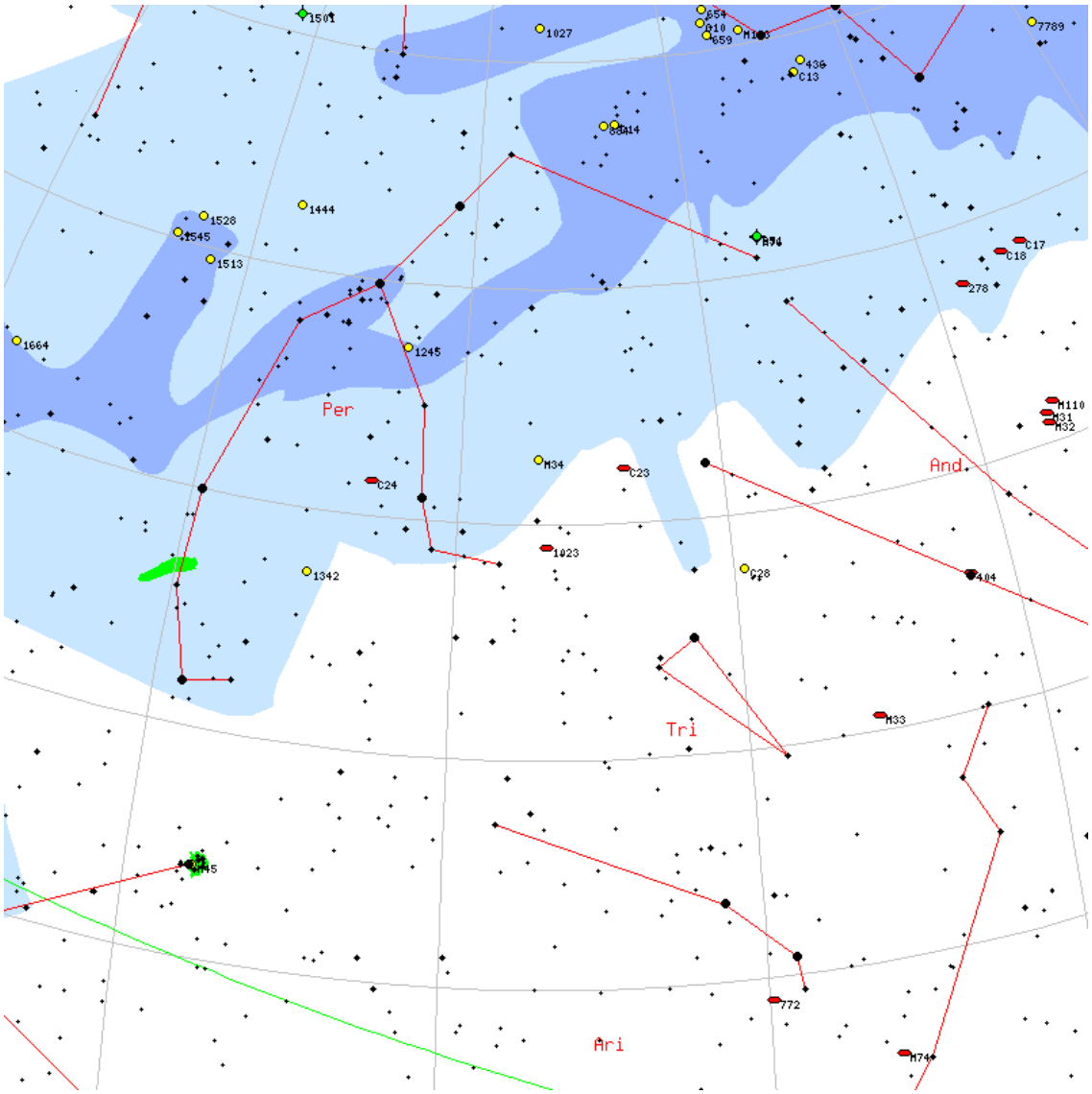
M	NGC3938	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.4	**Size**	5.4 x 5.4
RA	11h 52m	**Dec**	+44d 07m
Name			
Description	B, vL, R, bMpBN, er		





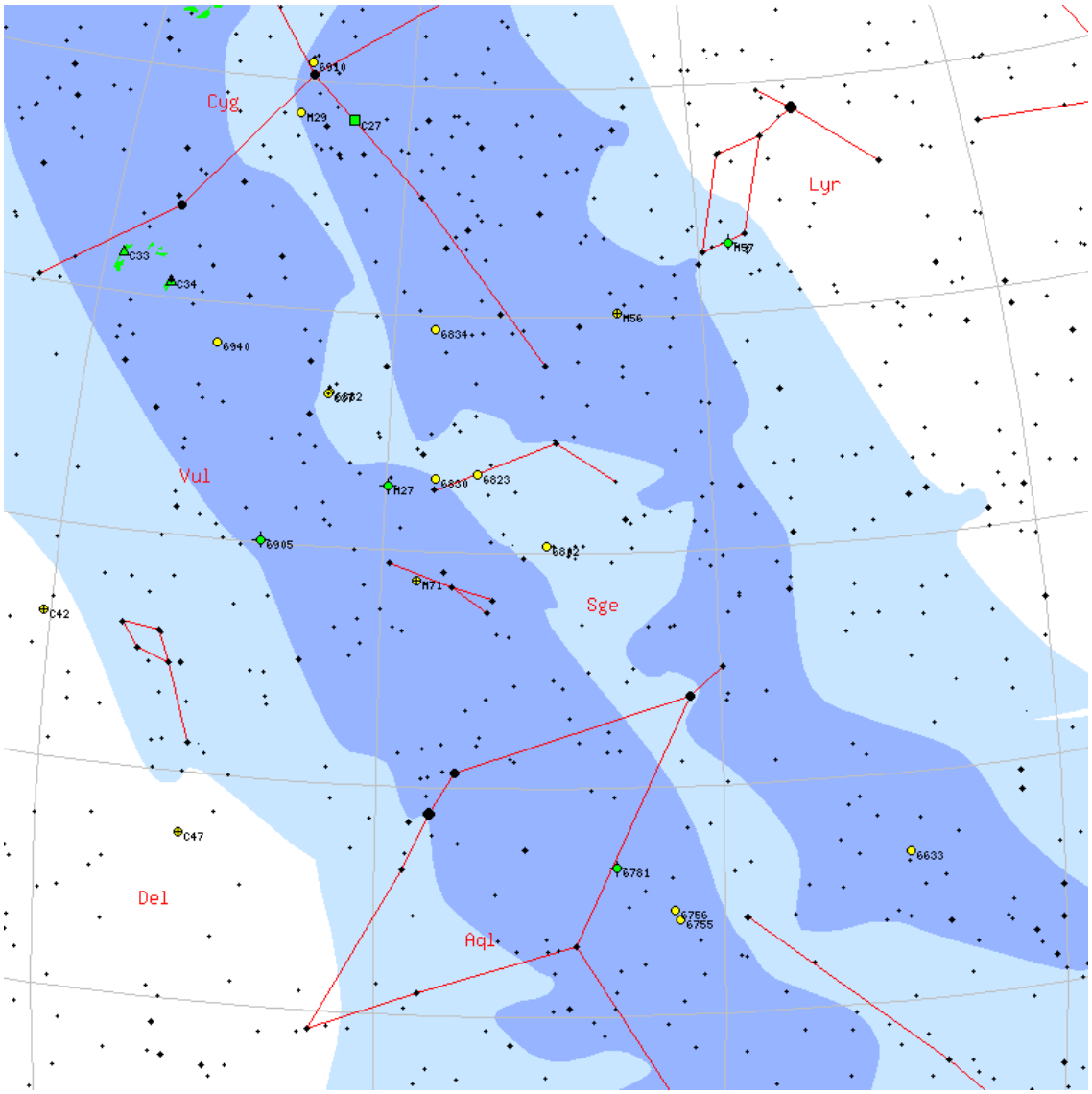
NGC1023

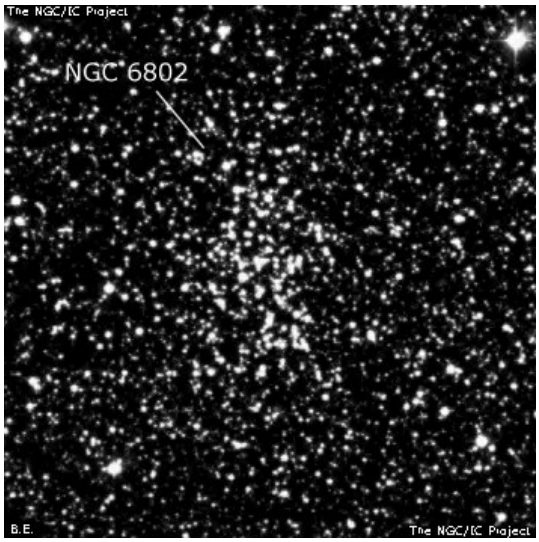
M	NGC1023	**ID**	-
Constellation	Per	**Type**	Gx
Magnitude	9.5	**Size**	0.6 x 0.3
RA	02h 40m	**Dec**	+39d 04m
Name			
Description	vB, vL, vmE, vvmbM		



NGC6802

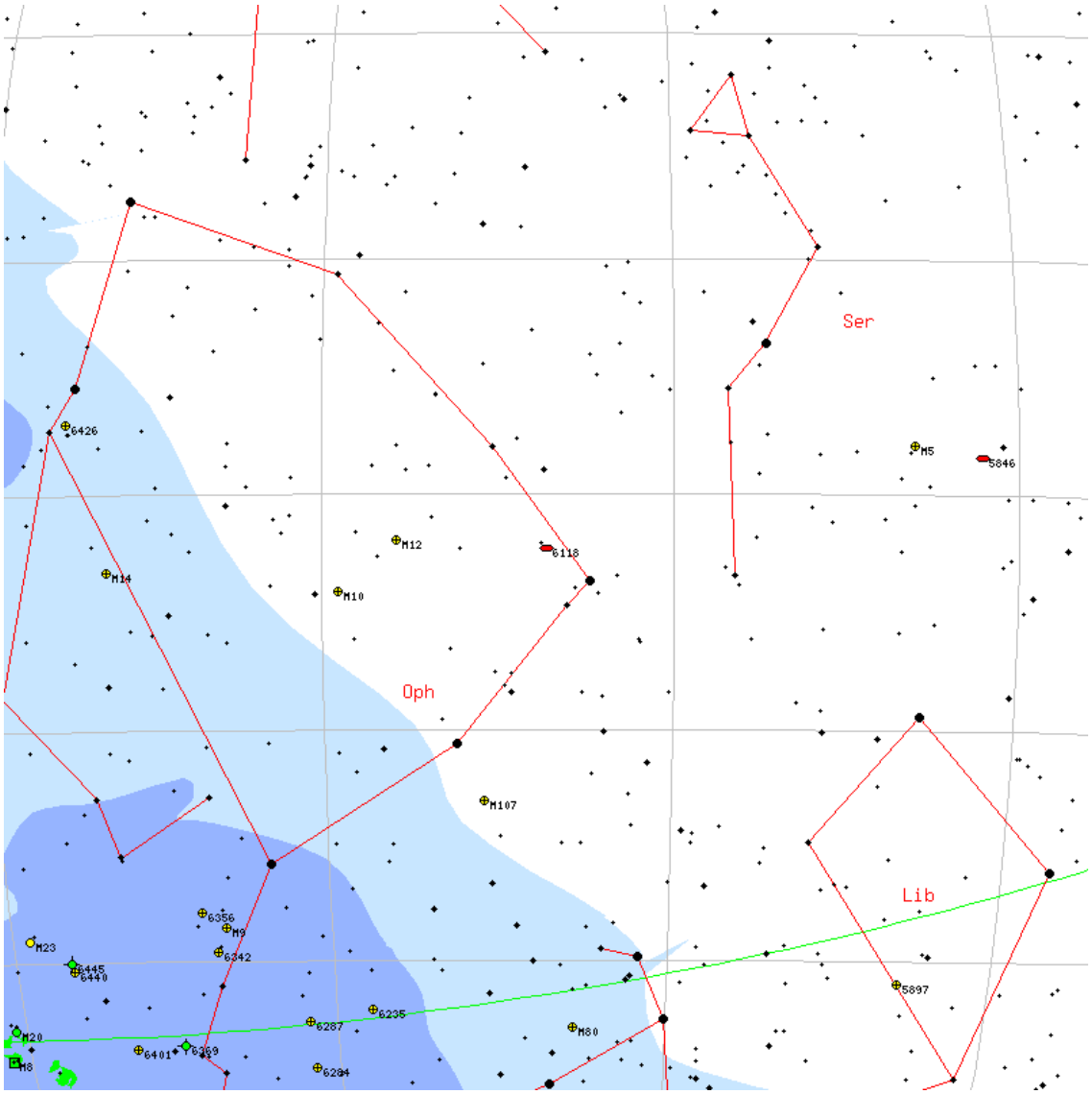
M	NGC6802	**ID**	-
Constellation	Vul	**Type**	OC
Magnitude	8.8	**Size**	3 x 3
RA	19h 30m	**Dec**	+20d 16m
Name			
Description	Cl, L, vC, E 0deg , st 14...18		

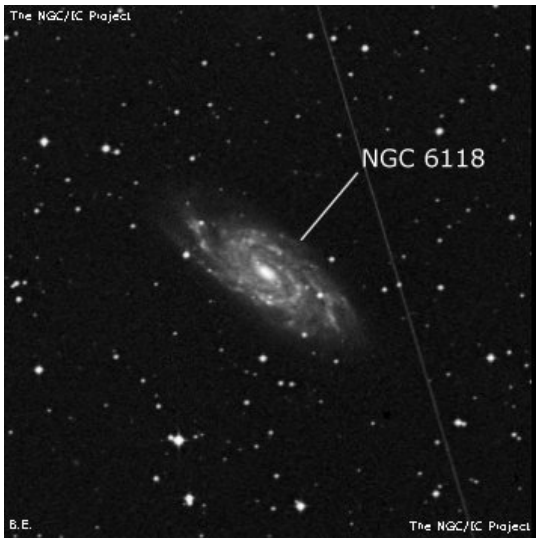




NGC6118

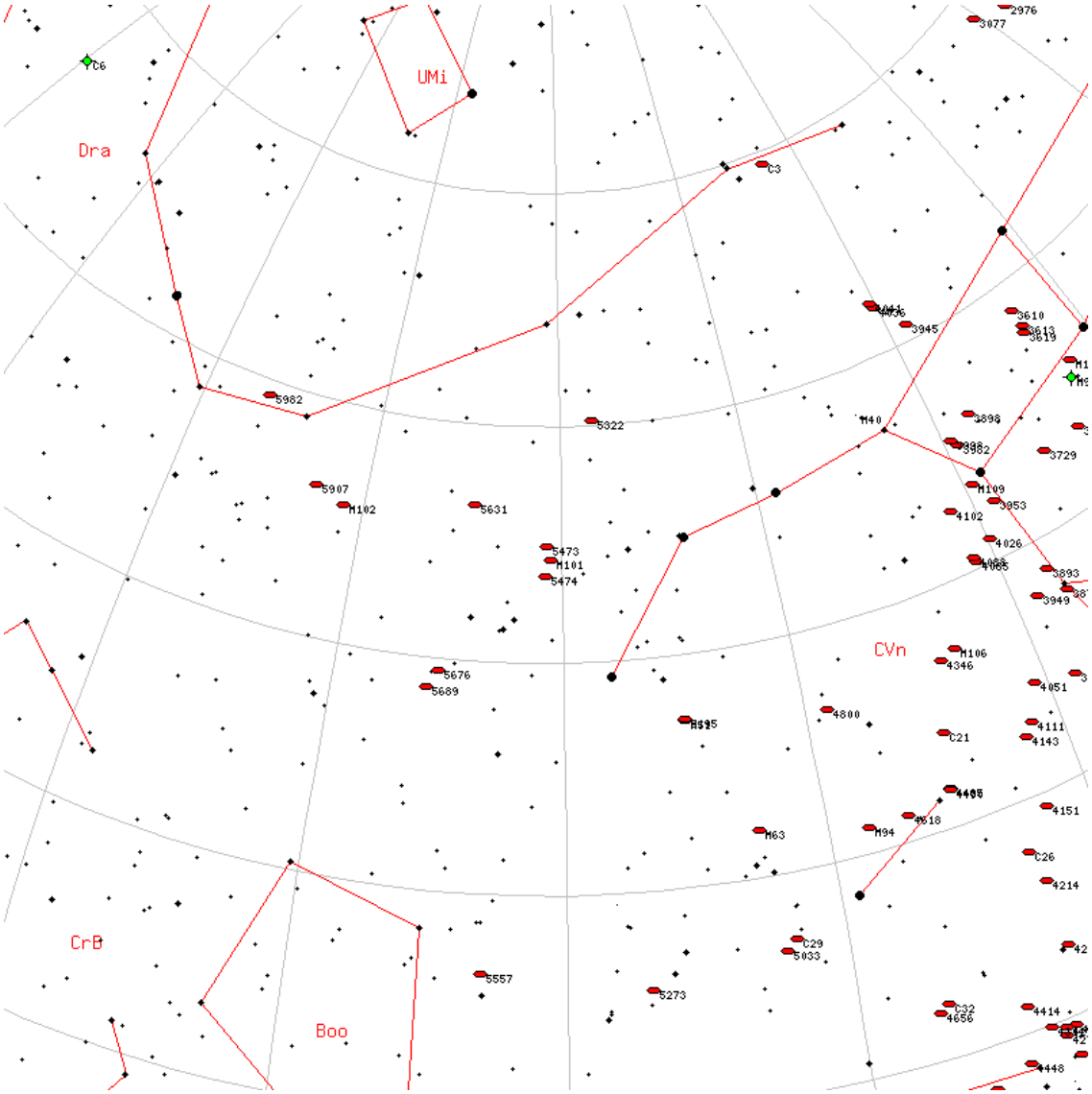
M	NGC6118	**ID**	-
Constellation	Ser	**Type**	Gx
Magnitude	12	**Size**	2.3 x 1
RA	16h 21m	**Dec**	-02d 16m
Name			
Description	vF, cL, cE 45deg +/- , r		





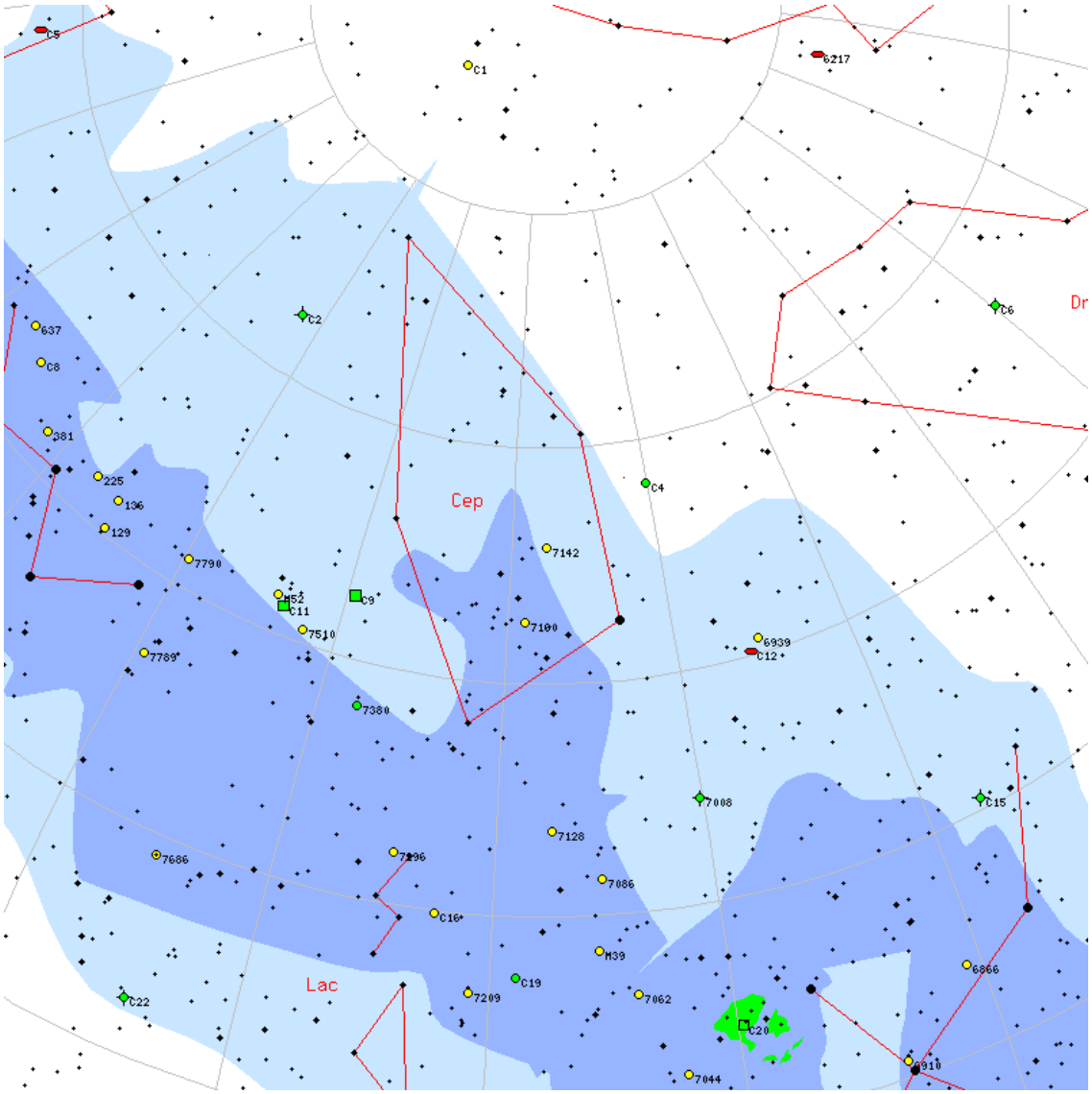
NGC5473

M	NGC5473	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11.4	**Size**	1.2 x 0.8
RA	14h 04m	**Dec**	+54d 53m
Name			
Description	pB, S, R, gbM		



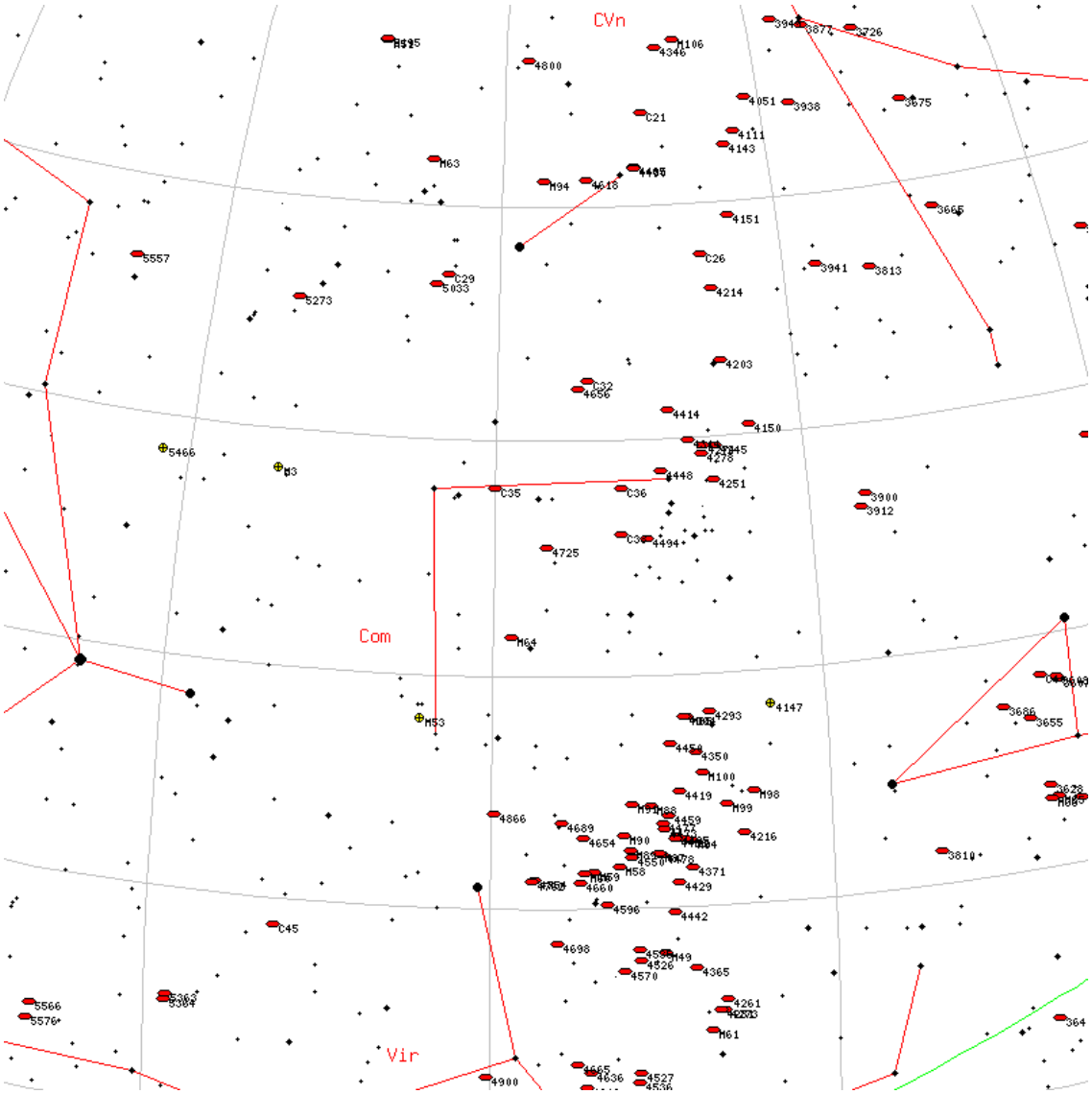
NGC7142

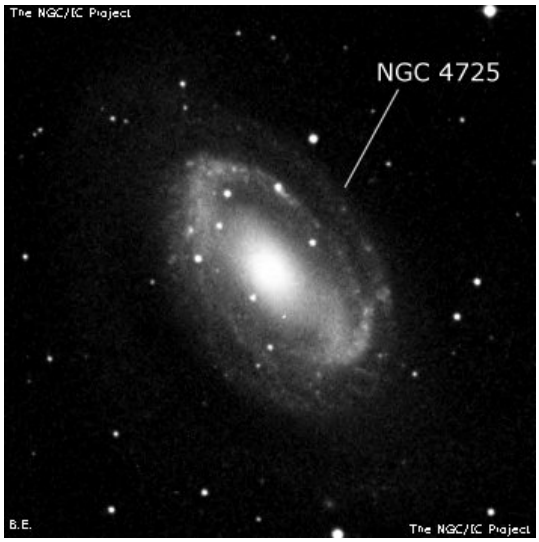
M	NGC7142	**ID**	-
Constellation	Cep	**Type**	OC
Magnitude	9.3	**Size**	4 x 4
RA	21h 45m	**Dec**	+65d 47m
Name			
Description	Cl, cL, cRi, pC, st 11...14		



NGC4725

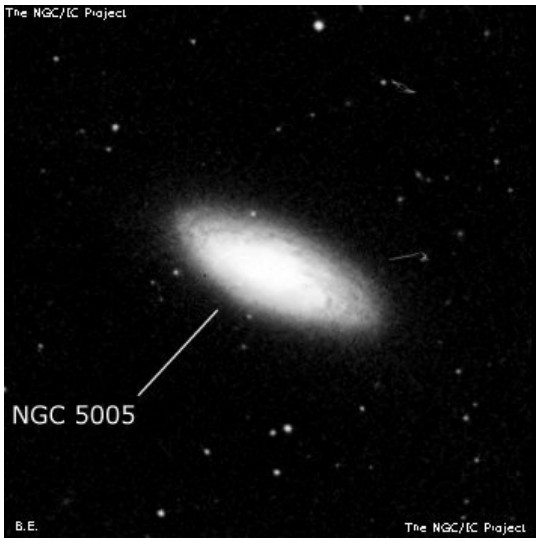
M	NGC4725	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	9.2	**Size**	5.4 x 3.8
RA	12h 50m	**Dec**	+25d 30m
Name			
Description	vB, vL, E, vg, vsvmbMeBN		





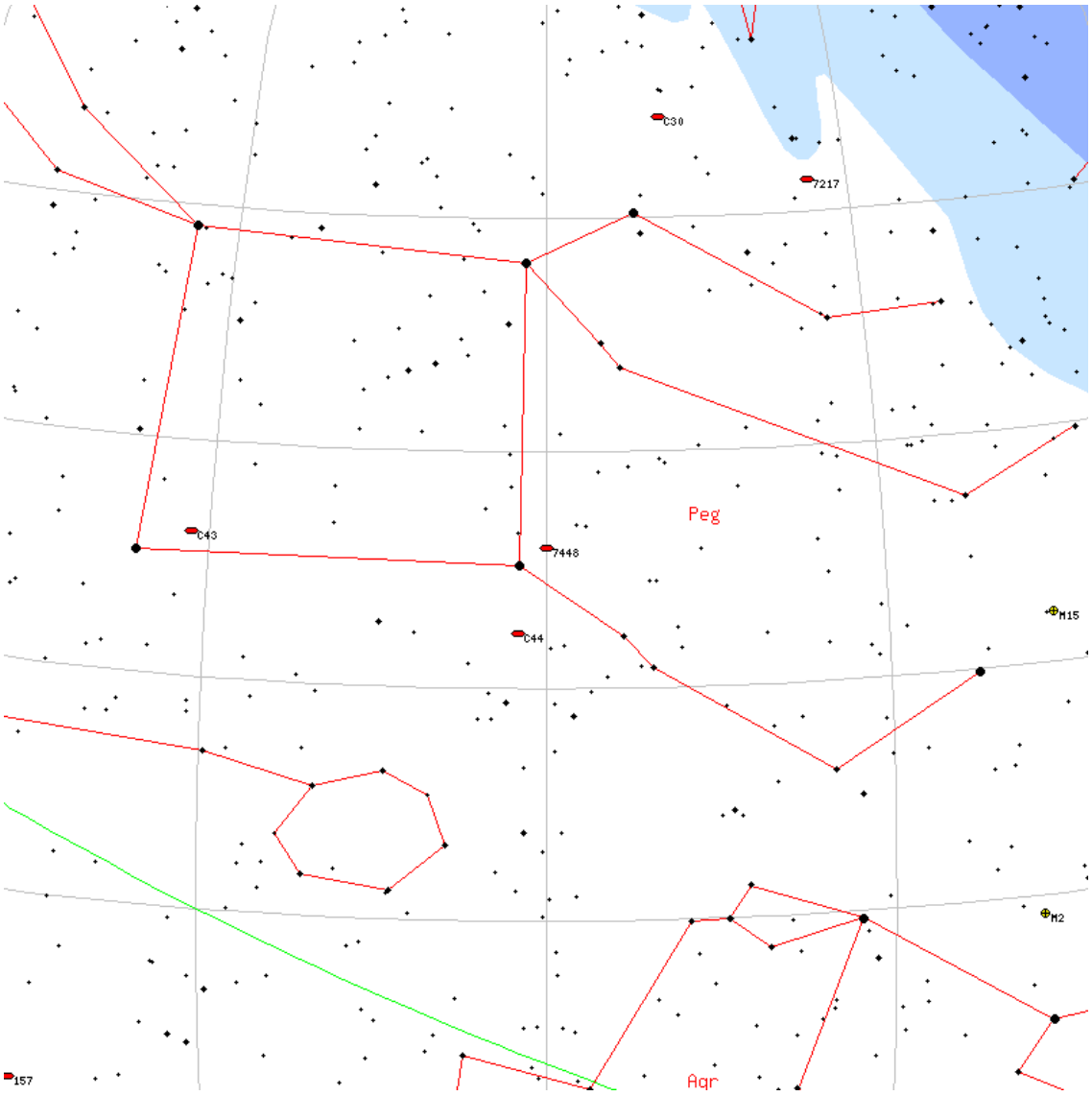
NGC5005

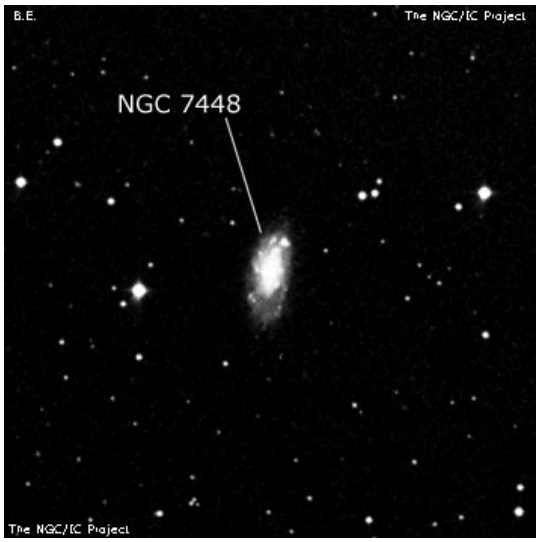
M	NGC5005	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	9.8	**Size**	2.9 x 1.4
RA	13h 10m	**Dec**	+37d 02m
Name			
Description	vB, vL, vmE 66deg , vsbMN		



NGC7448

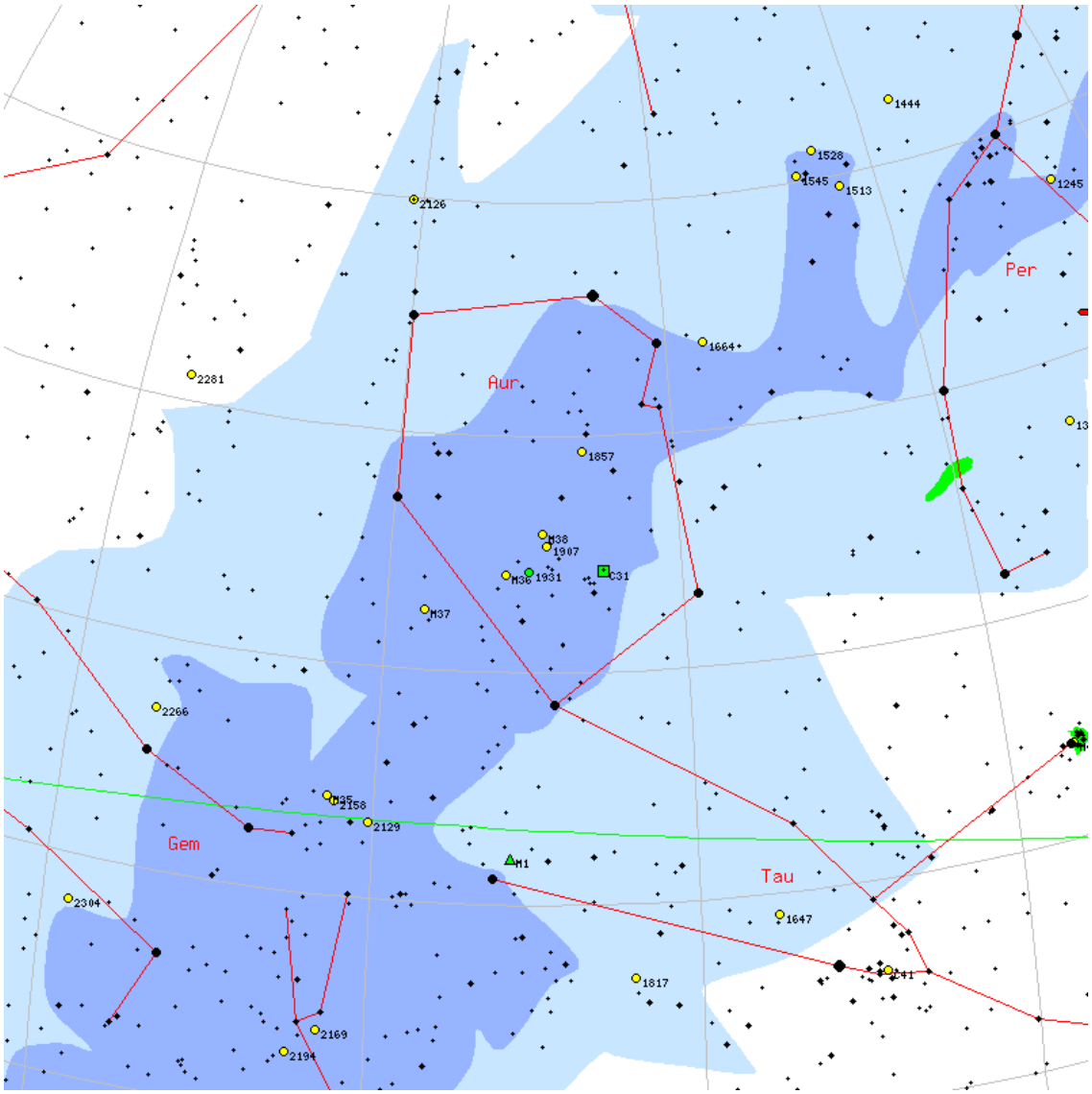
M	NGC7448	**ID**	-
Constellation	Peg	**Type**	Gx
Magnitude	11.7	**Size**	1.4 x 0.6
RA	23h 00m	**Dec**	+15d 58m
Name			
Description	pB, L, E 173deg , vgbM, *11 f 2'.5		





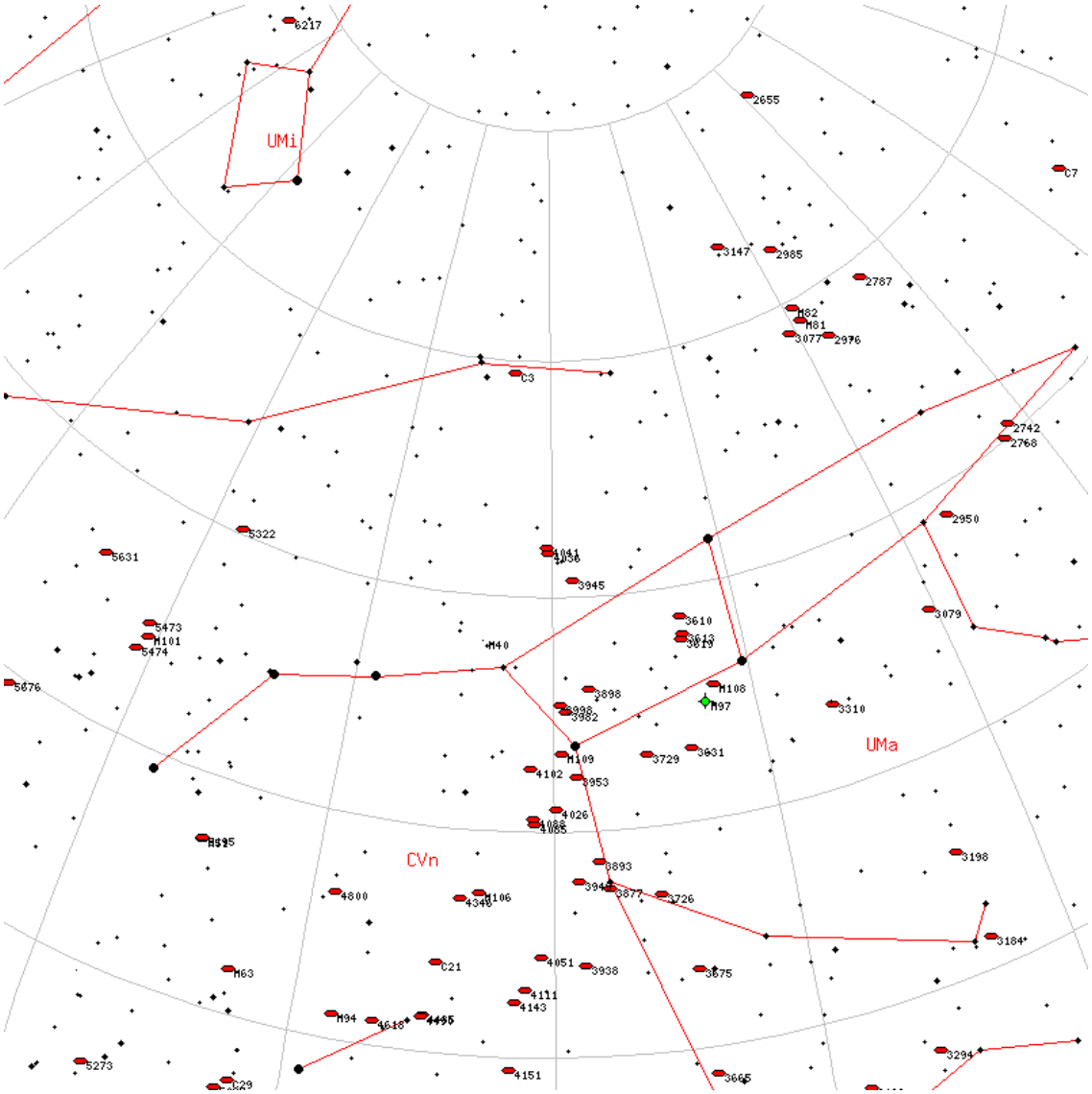
NGC1907

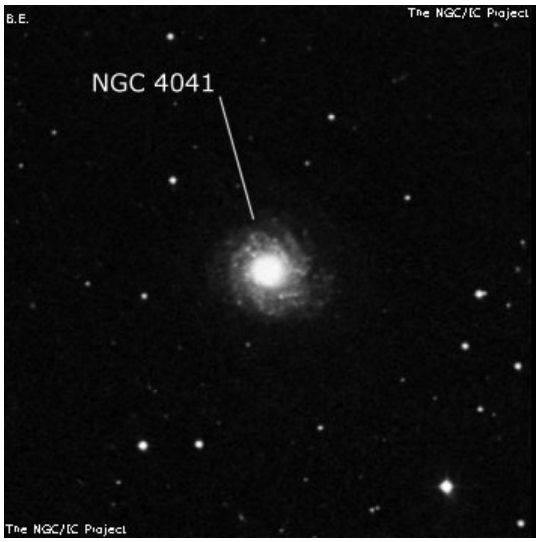
M	NGC1907	**ID**	-
Constellation	Aur	**Type**	OC
Magnitude	8.2	**Size**	7 x 7
RA	05h 28m	**Dec**	+35d 19m
Name			
Description	Cl, pRi, pC, R, st 9...12		



NGC4041

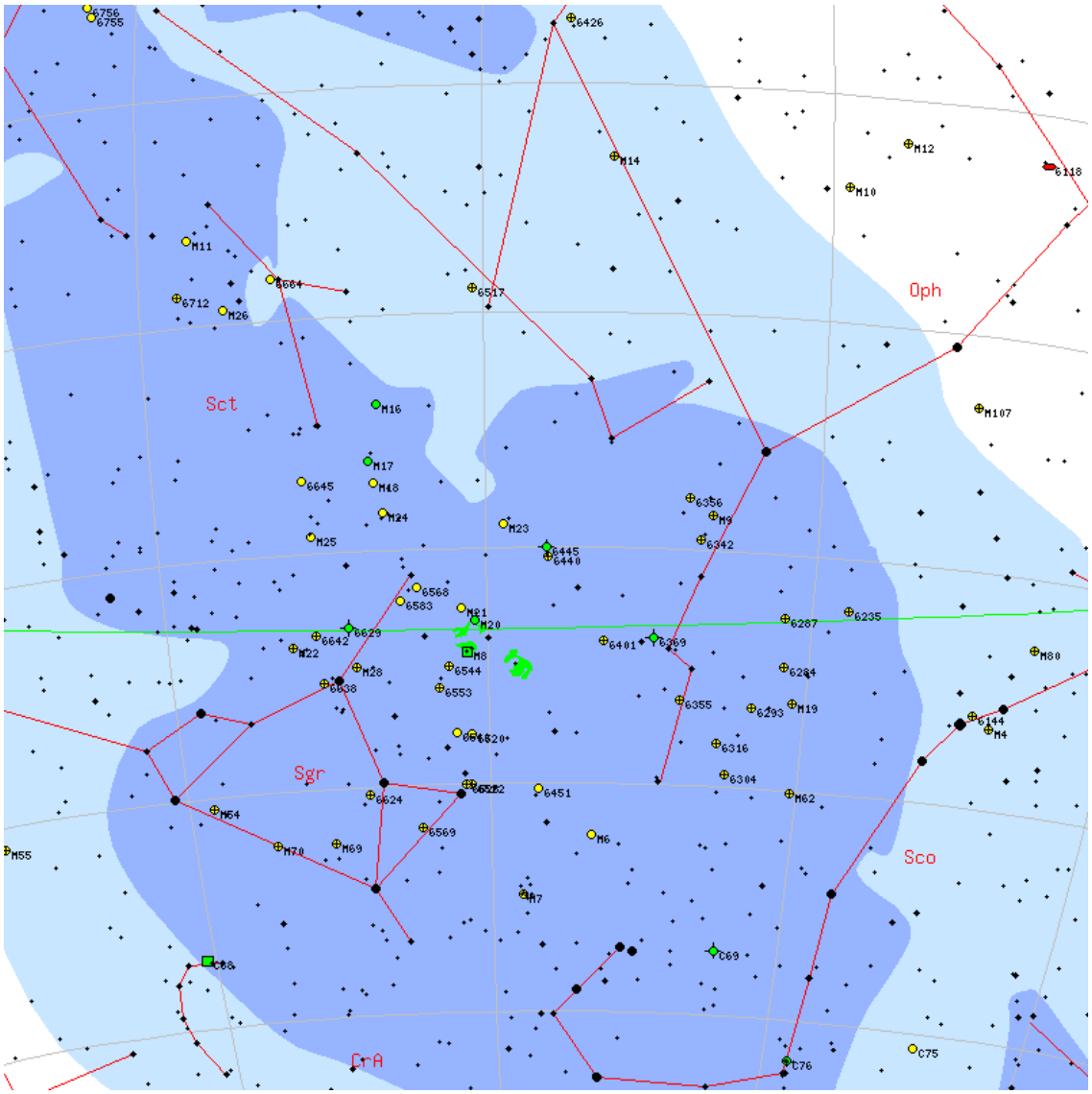
M	NGC4041	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11.1	**Size**	2.8 x 2.8
RA	12h 02m	**Dec**	+62d 07m
Name			
Description	B, cL, R, g, psvmbMrN		





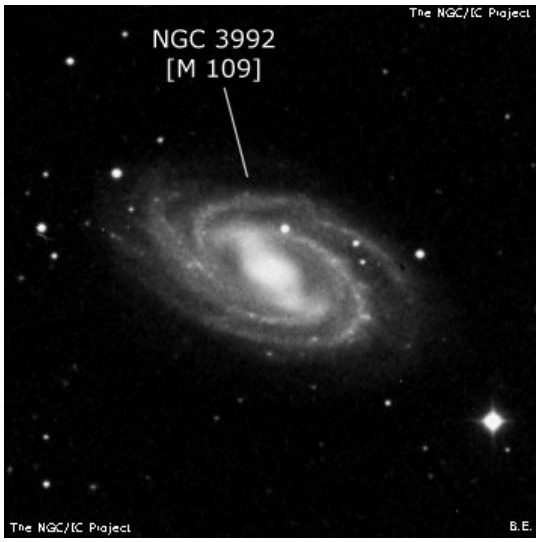
NGC6445

M	NGC6445	**ID**	-
Constellation	Sgr	**Type**	Pl
Magnitude	13	**Size**	0.6 x 0.6
RA	17h 49m	**Dec**	-20d 01m
Name	Crescent Nebula		
Description	pB, pS, R, gbM, r, *15 np		



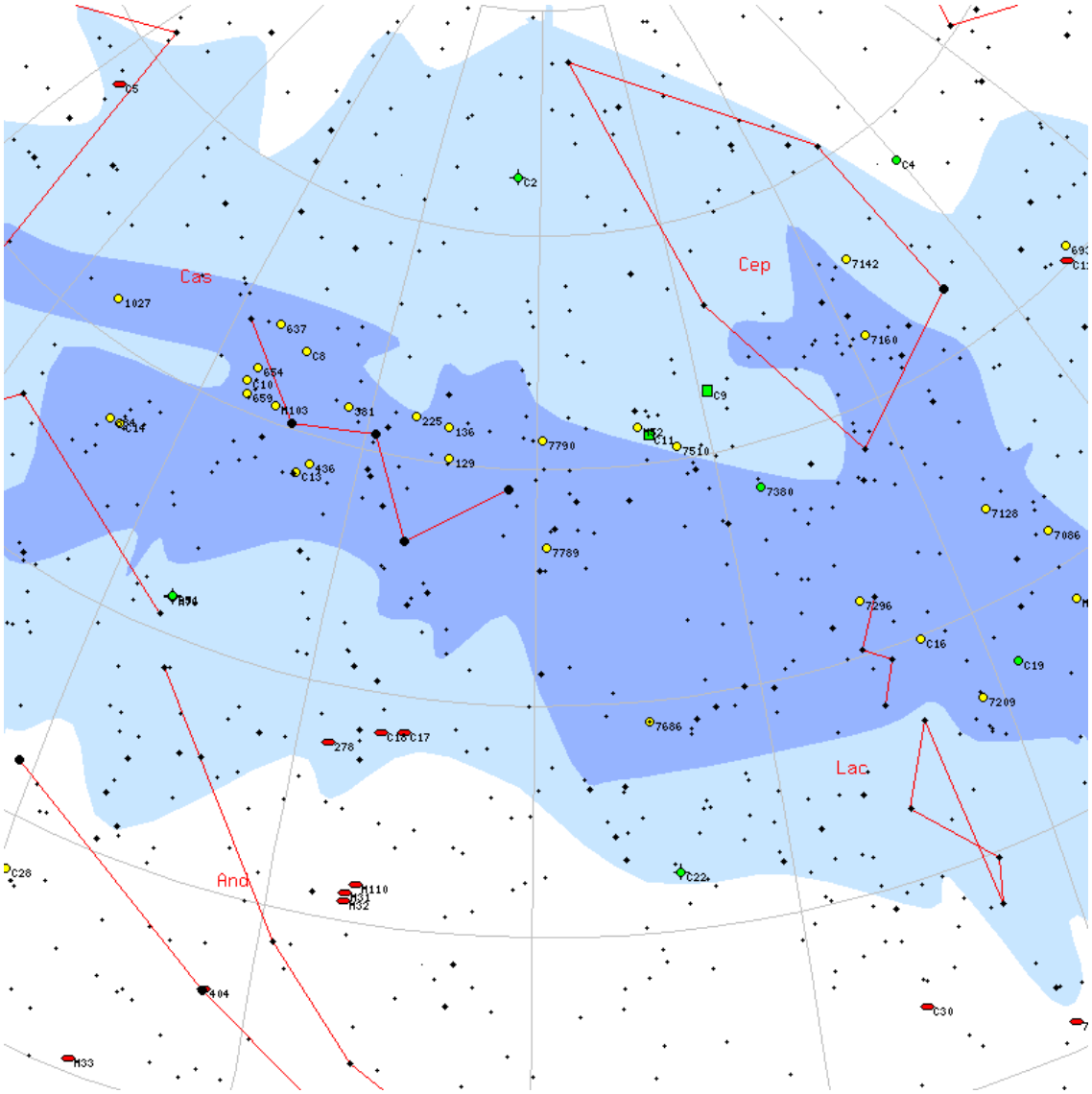
NGC3992

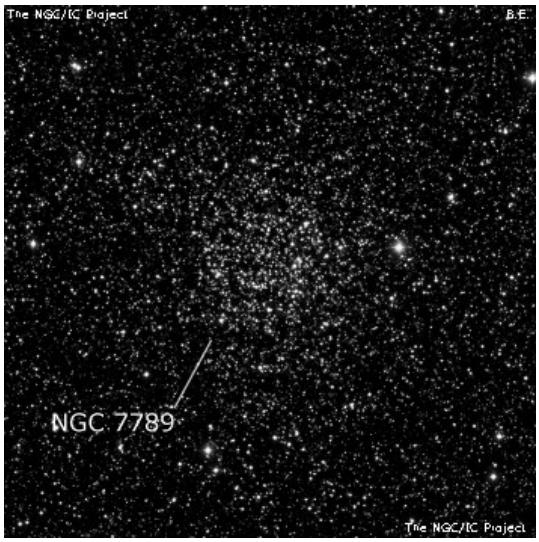
M	NGC3992	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	9.8	**Size**	3.8 x 2.3
RA	11h 57m	**Dec**	+53d 22m
Name			
Description	cB, vL, pmE, sbMBrN		



NGC7789

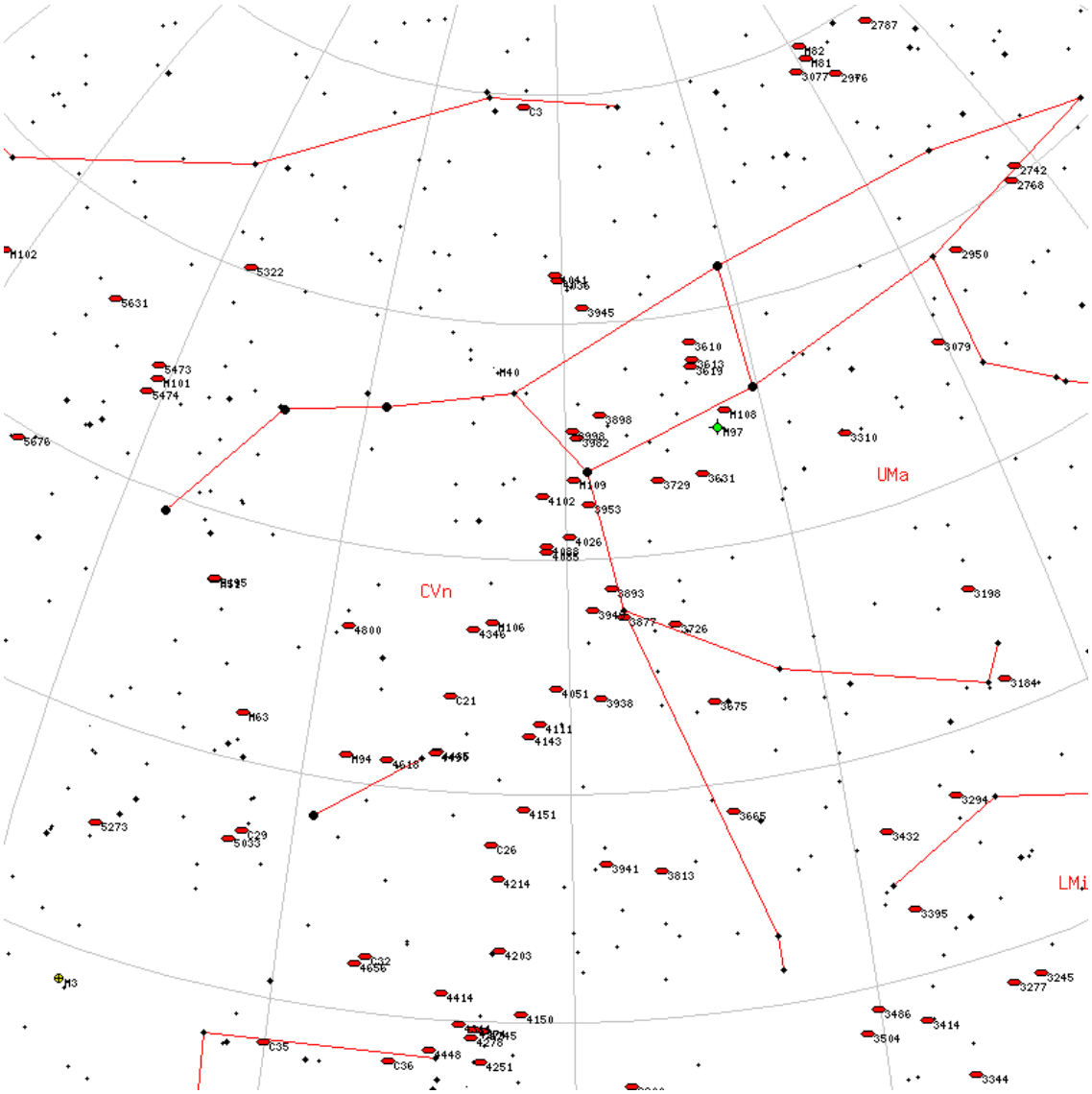
M	NGC7789	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	6.7	**Size**	16 x 16
RA	23h 56m	**Dec**	+56d 43m
Name			
Description	Cl, vL, vRi, vmC, st 11...18		

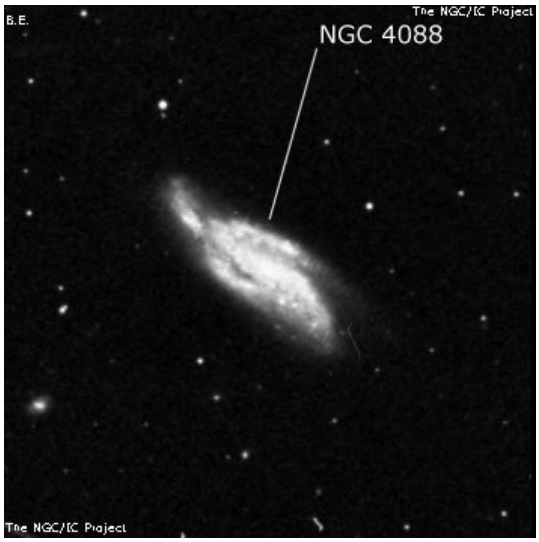




NGC4088

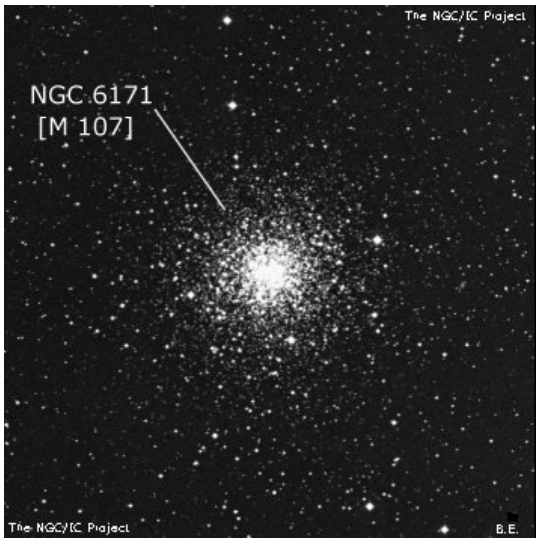
M	NGC4088	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.5	**Size**	2.9 x 1.1
RA	12h 05m	**Dec**	+50d 32m
Name			
Description	B, cL, E 55deg , IbM		





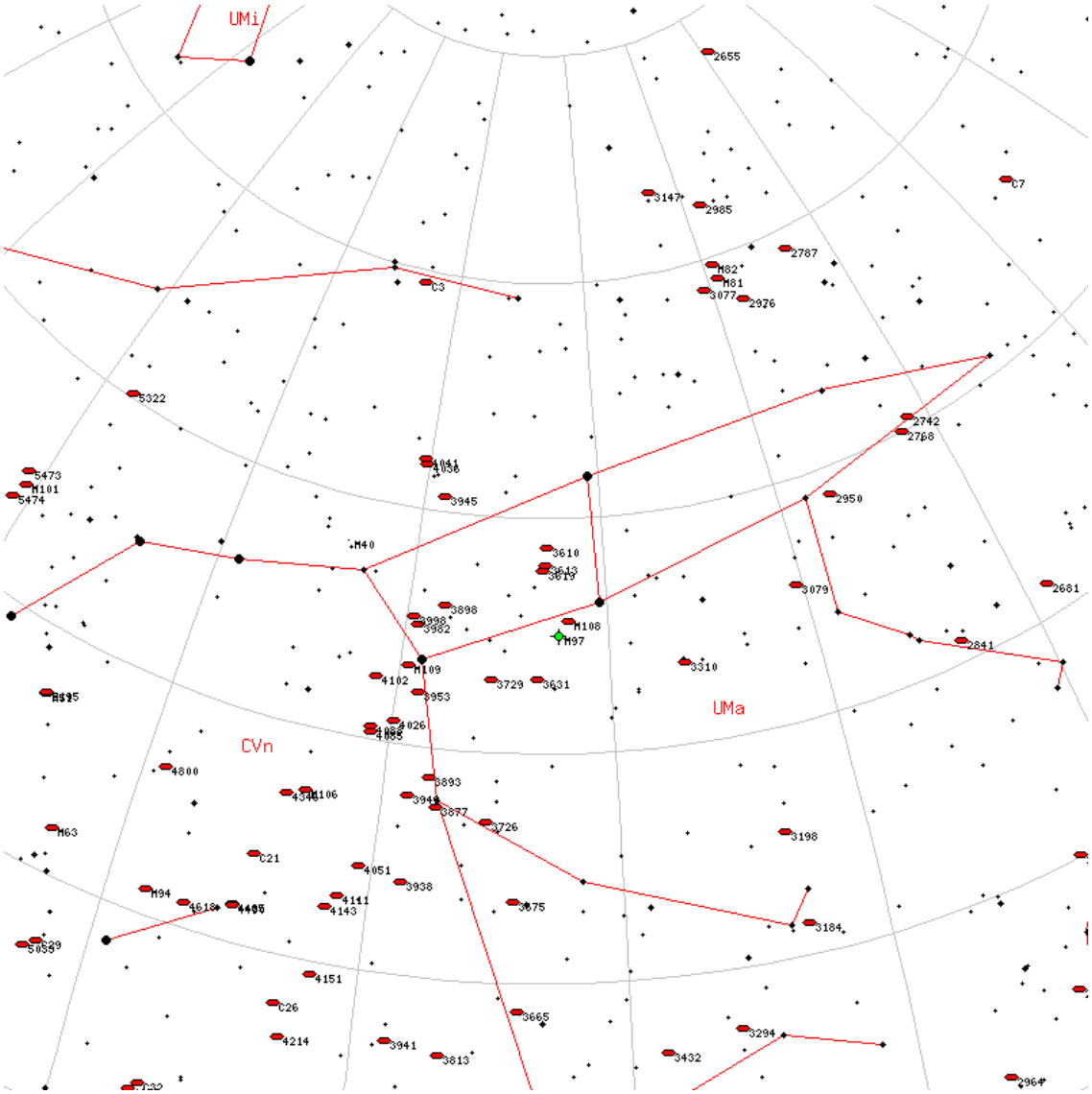
NGC6171

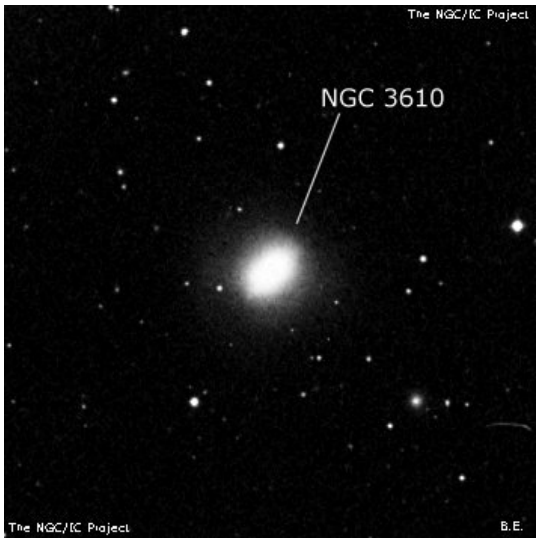
M	NGC6171	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	8.1	**Size**	10 x 10
RA	16h 32m	**Dec**	-13d 03m
Name			
Description	glob. cl. , L, vRi, vmC, R, rrr		



NGC3610

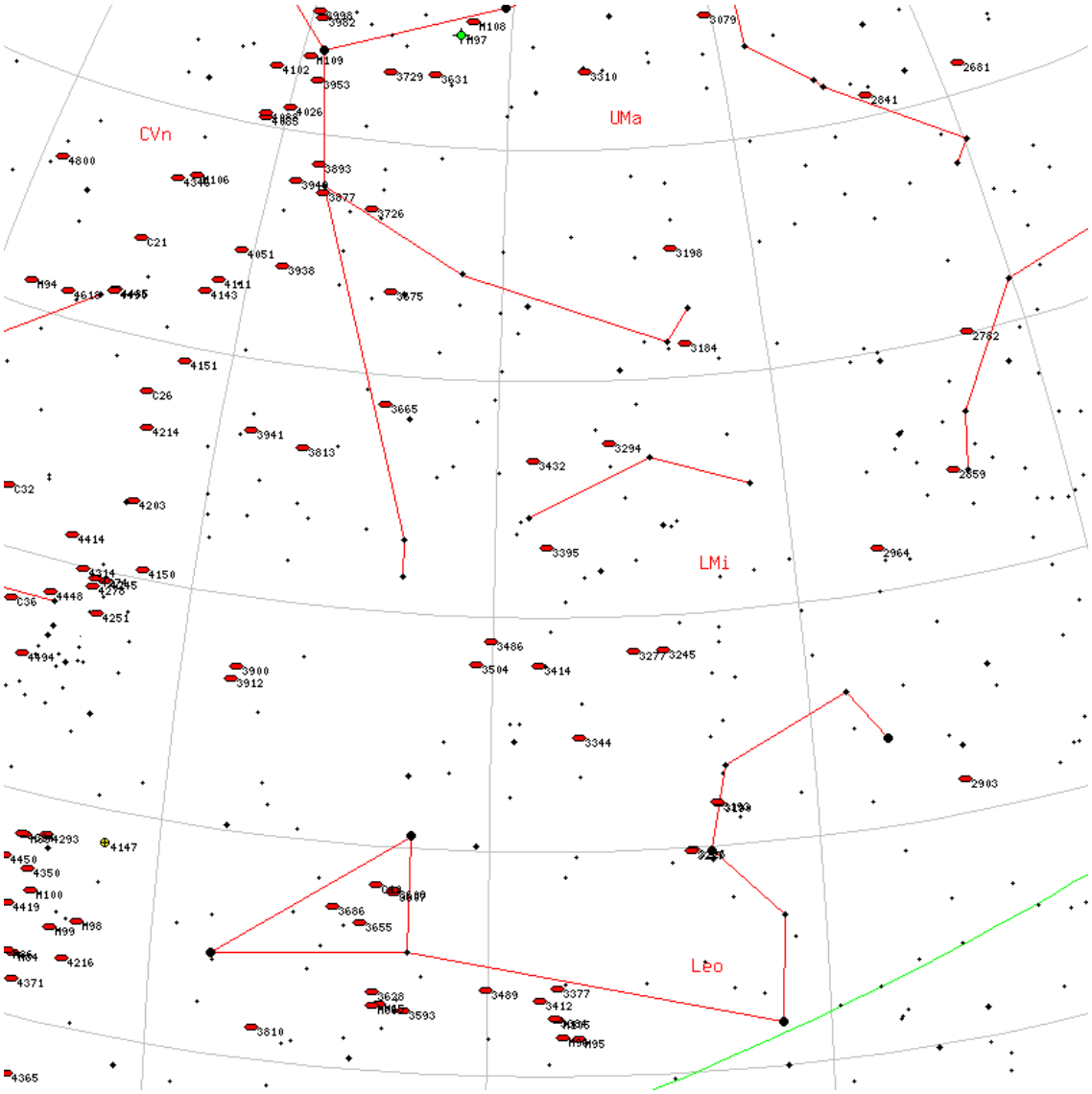
M	NGC3610	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.8	**Size**	3.2 x 3.2
RA	11h 18m	**Dec**	+58d 46m
Name			
Description	vB, pS, IE 90deg +/- , vsvmbMSN		

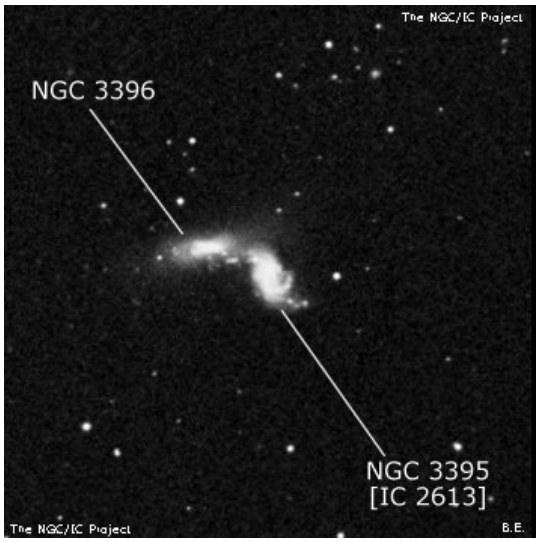




NGC3395

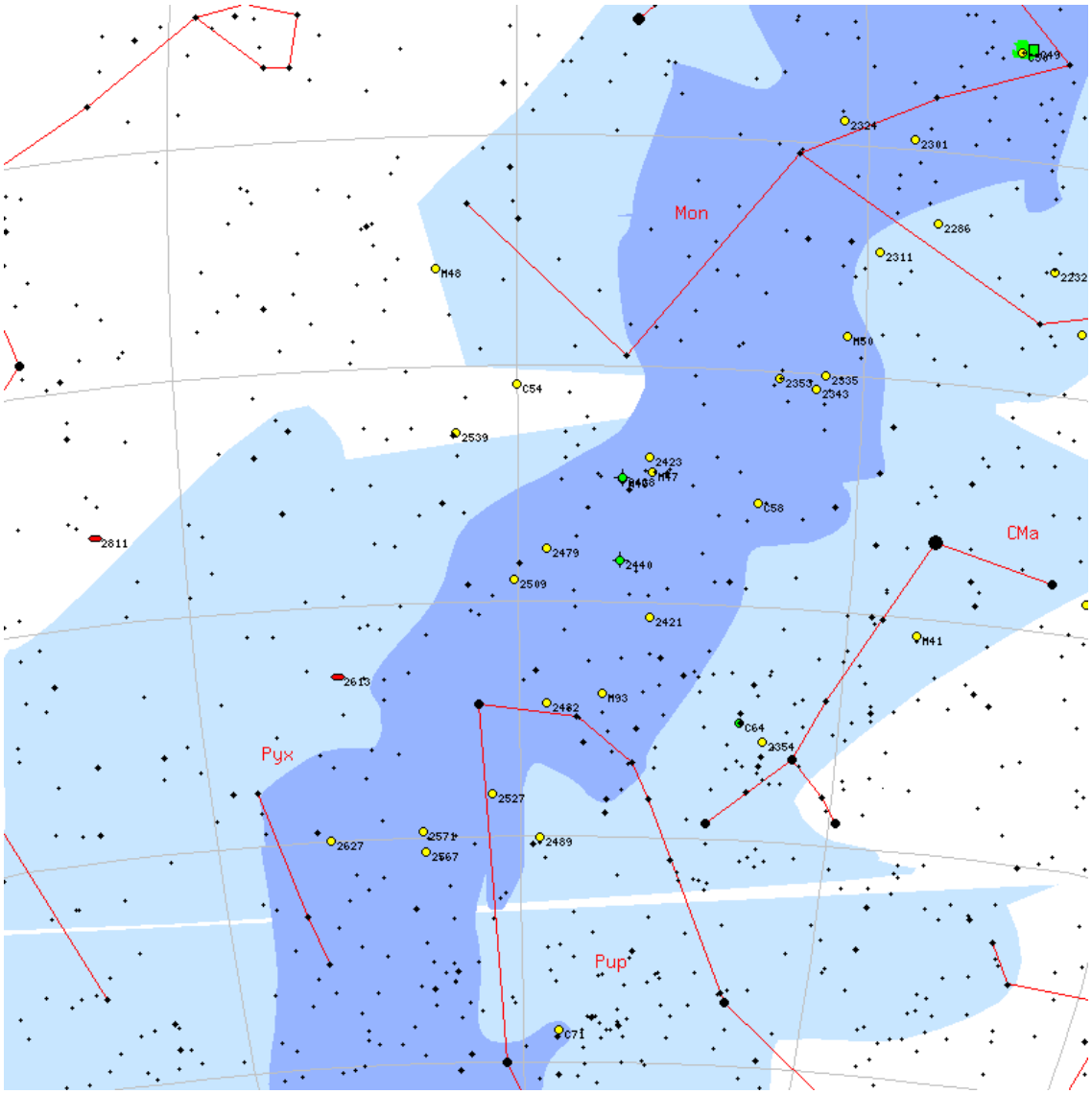
M	NGC3395	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	12.1	**Size**	1 x 0.6
RA	10h 49m	**Dec**	+32d 58m
Name			
Description	cB, pS, ilE, 1st of 2		

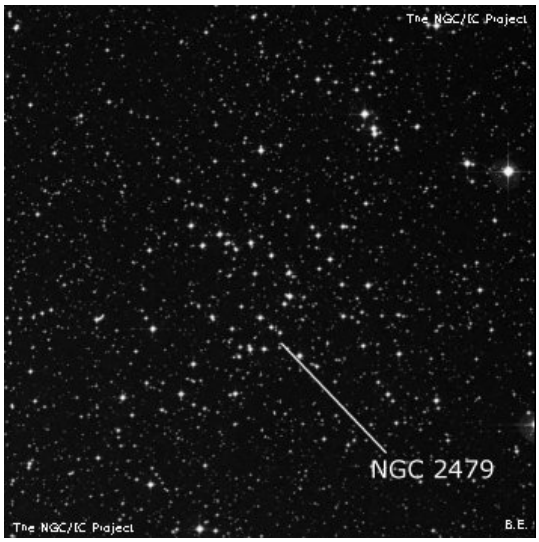




NGC2479

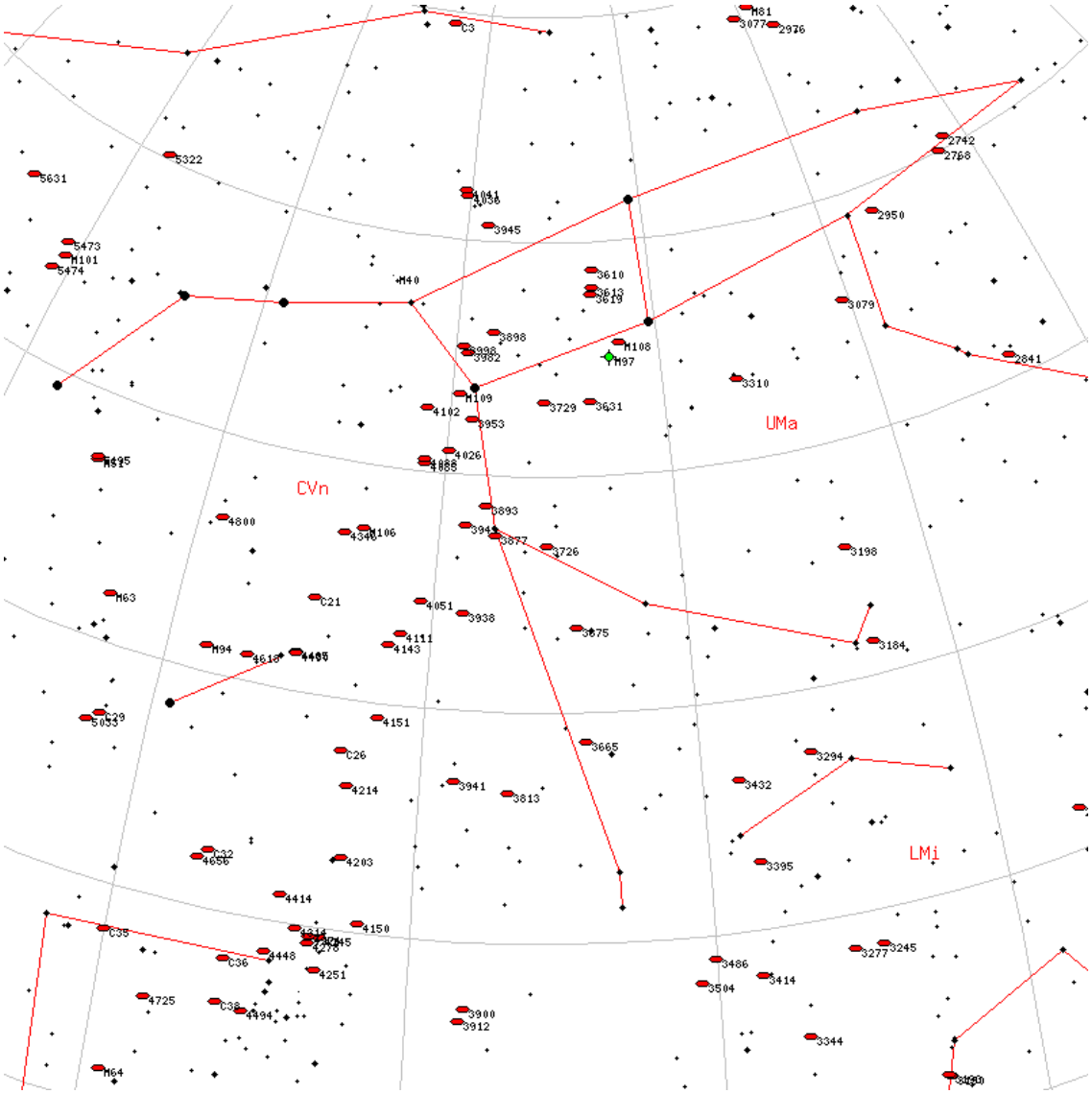
M	NGC2479	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	10	**Size**	7 x 7
RA	07h 55m	**Dec**	-17d 43m
Name			
Description	Cl, pL, pRi, pC, st S		

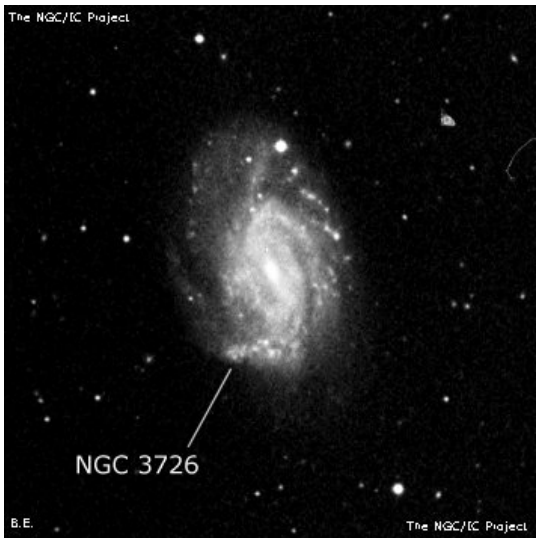




NGC3726

M	NGC3726	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.4	**Size**	3.1 x 2.1
RA	11h 33m	**Dec**	+47d 01m
Name			
Description	pB, vL, IE 0deg , vsmbM *15, *11 n		



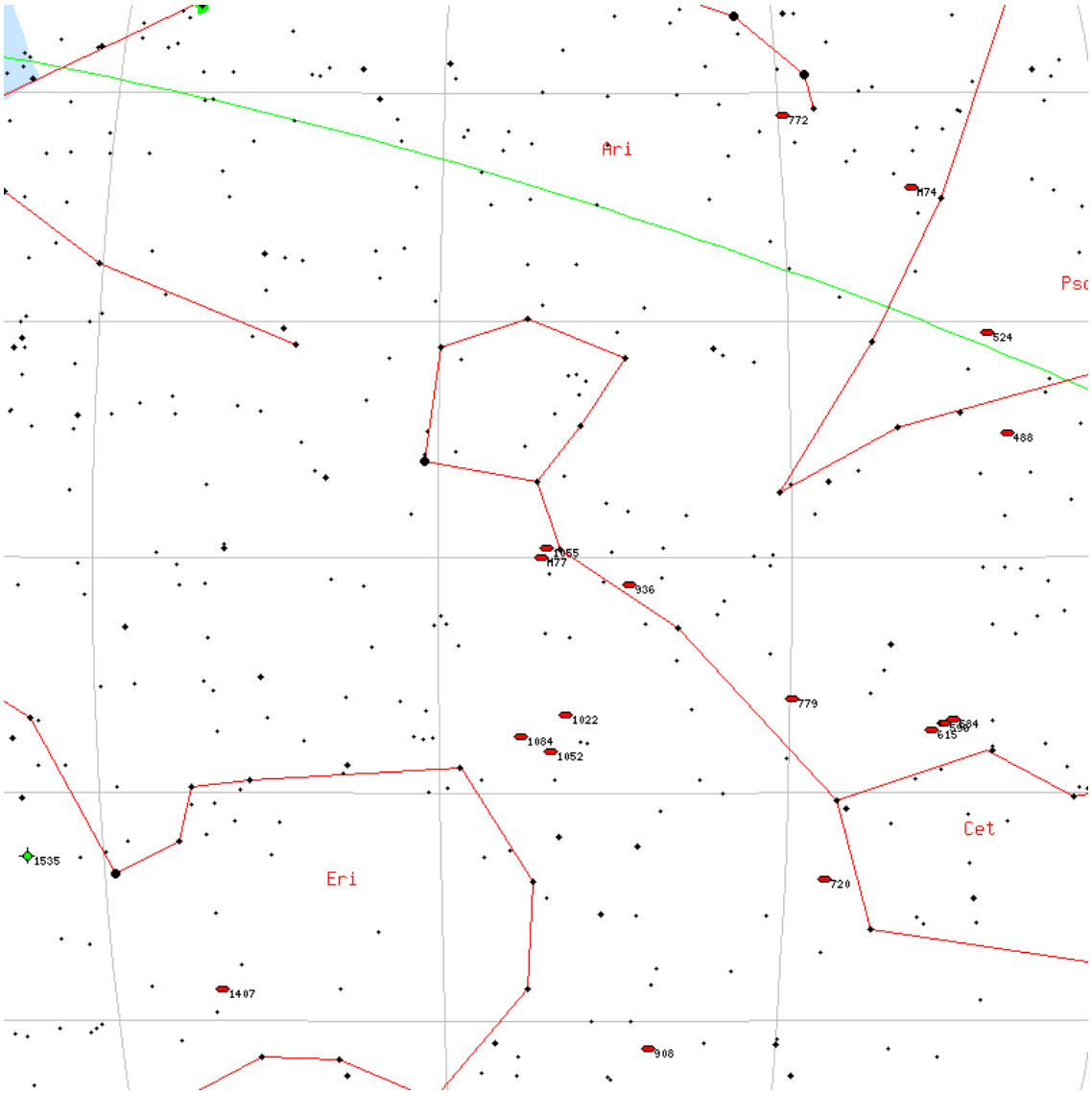


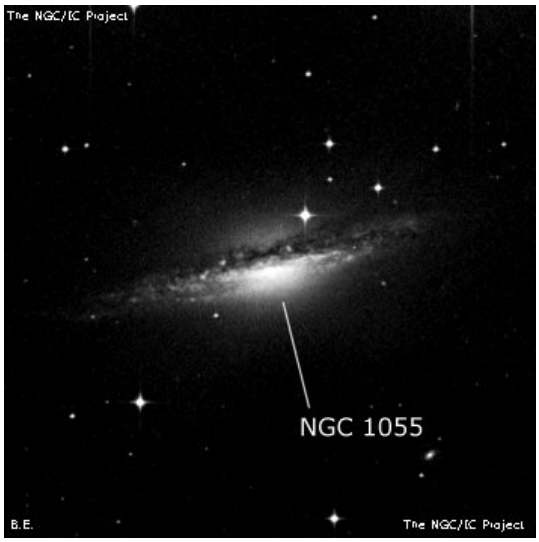
NGC752

M	NGC752	**ID**	-
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		

NGC1055

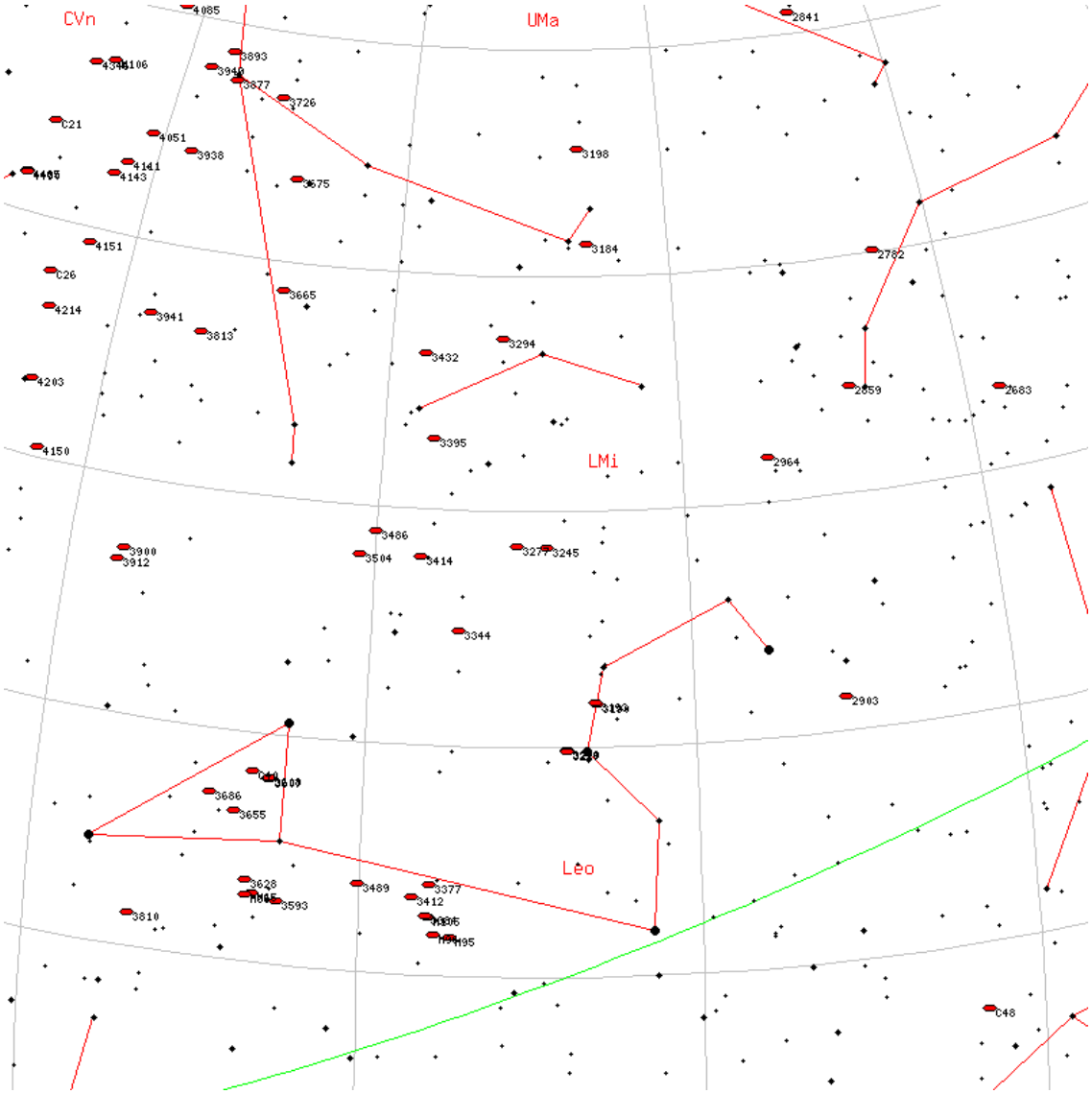
M	NGC1055	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	10.6	**Size**	3.8 x 1.4
RA	02h 41m	**Dec**	+00d 25m
Name			
Description	pF, cL, iE 80deg , bM, *11 n 1'		

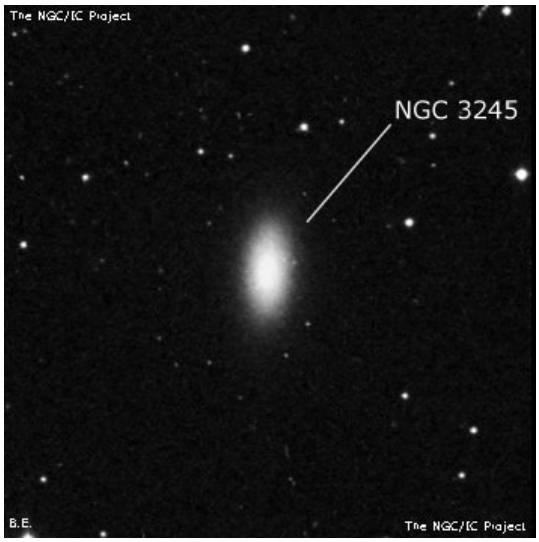




NGC3245

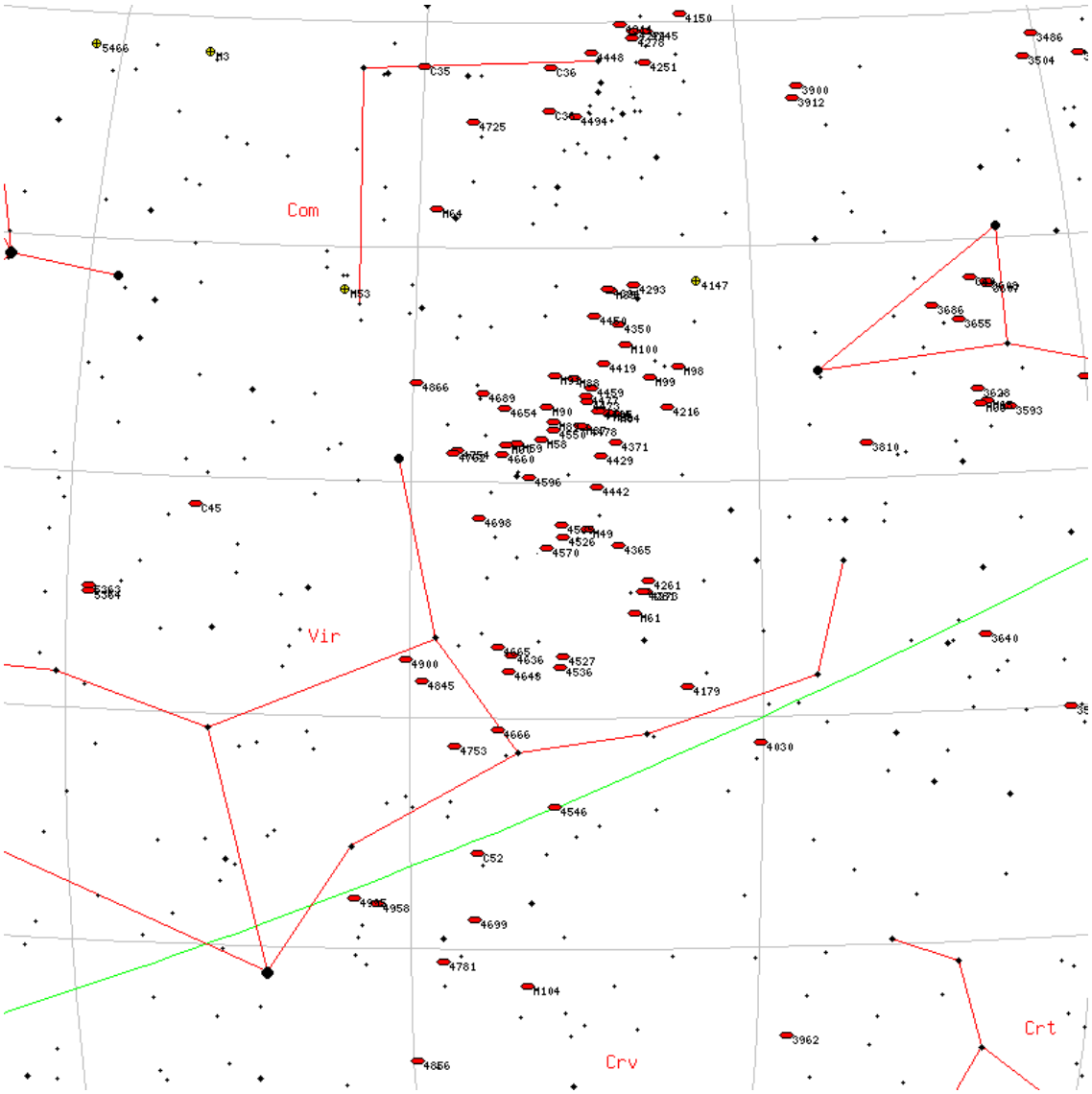
M	NGC3245	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	10.8	**Size**	1.7 x 0.2
RA	10h 27m	**Dec**	+28d 30m
Name			
Description	vB, pL, E 0deg , smbMEN		

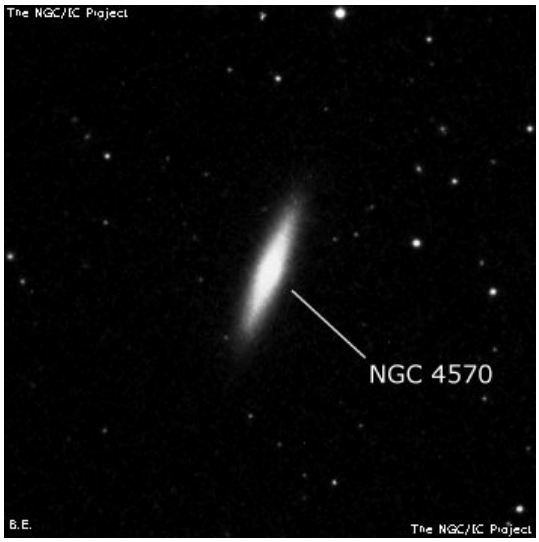




NGC4570

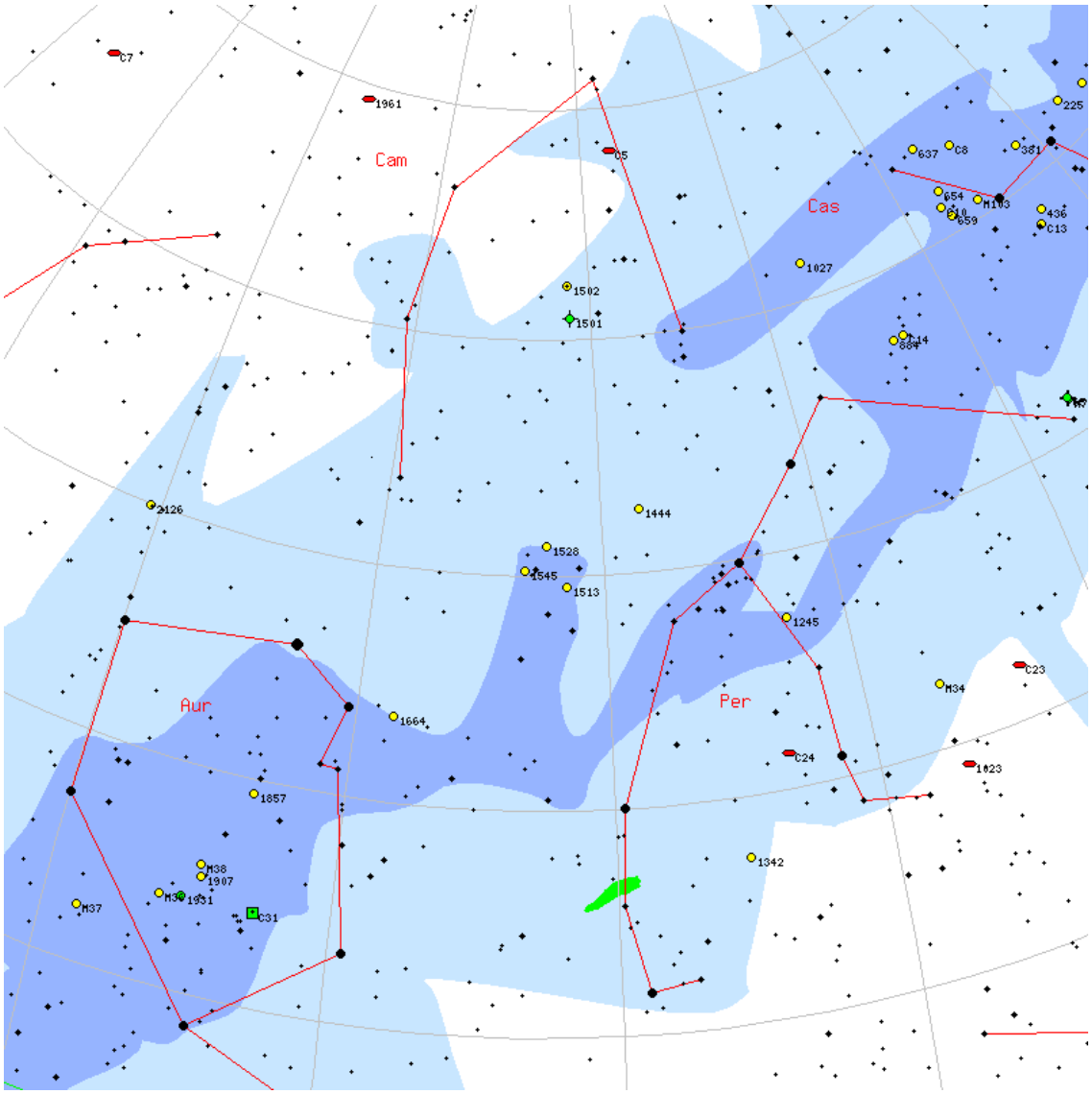
M	NGC4570	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.9	**Size**	1.9 x 0.6
RA	12h 36m	**Dec**	+07d 15m
Name			
Description	cB, pS, mE 0deg +/- , sbMrN		

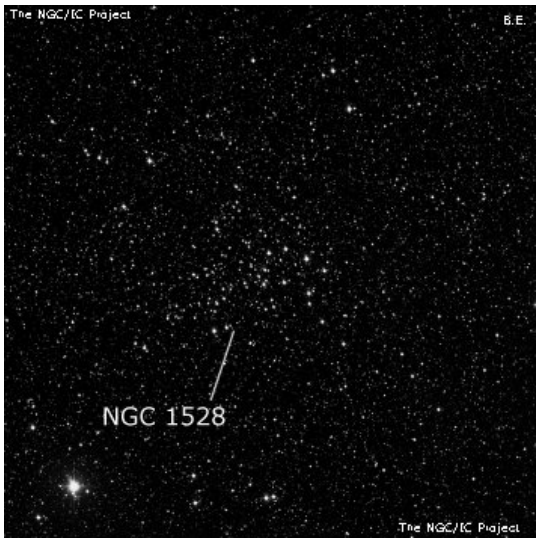




NGC1528

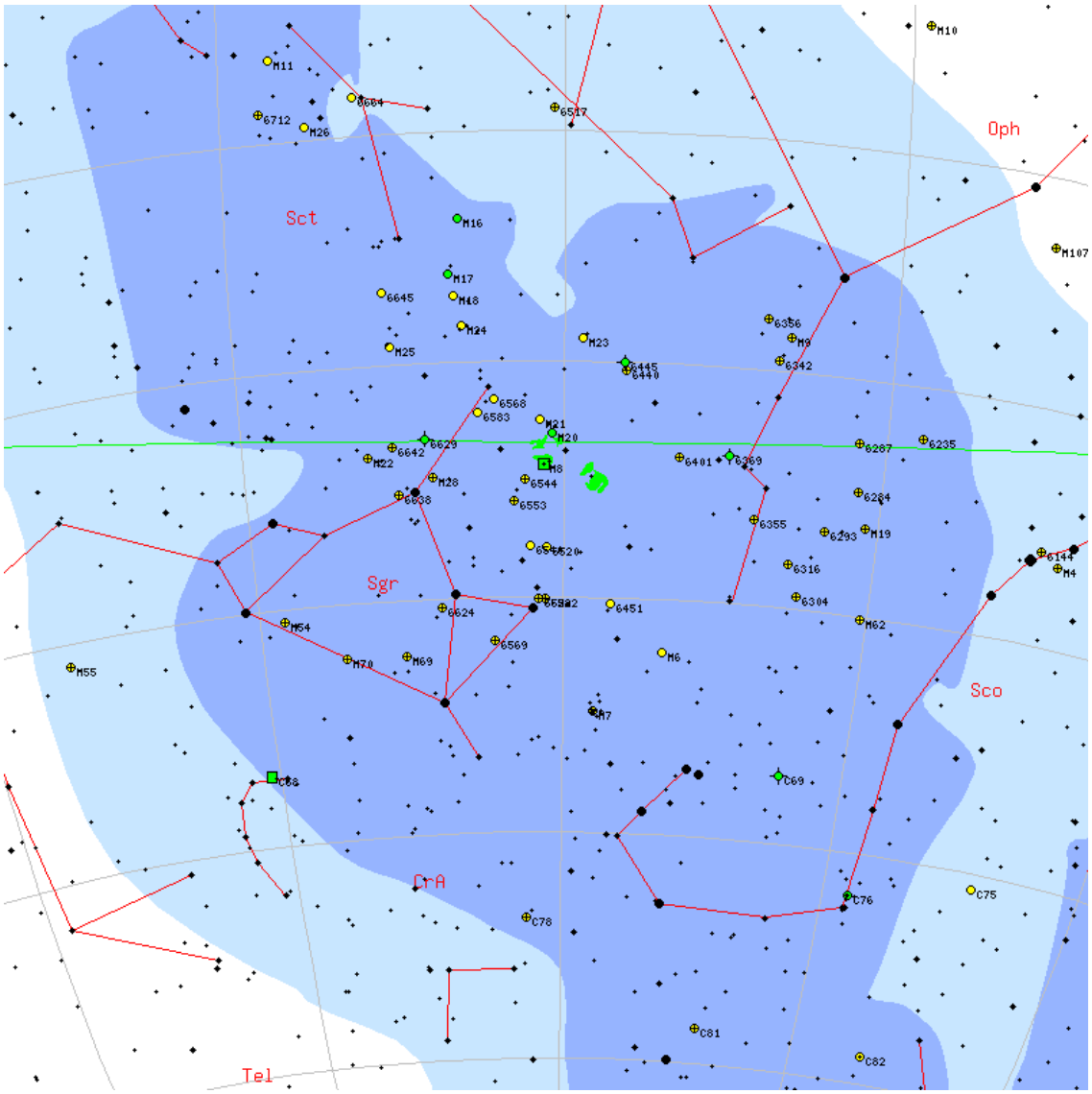
M	NGC1528	**ID**	-
Constellation	Per	**Type**	OC
Magnitude	6.4	**Size**	24 x 24
RA	04h 15m	**Dec**	+51d 13m
Name			
Description	Cl, B, vRi, cC		

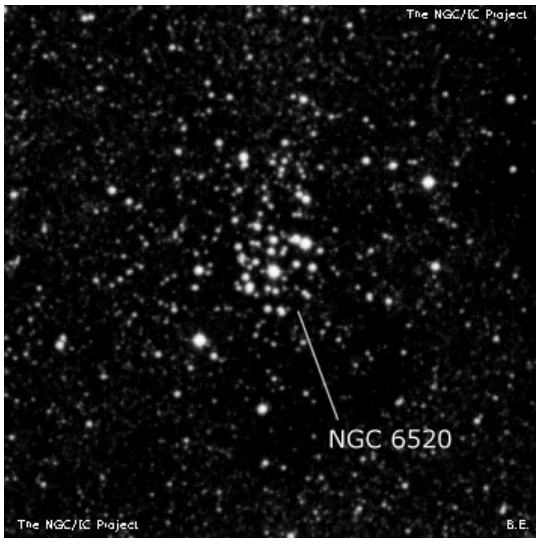




NGC6520

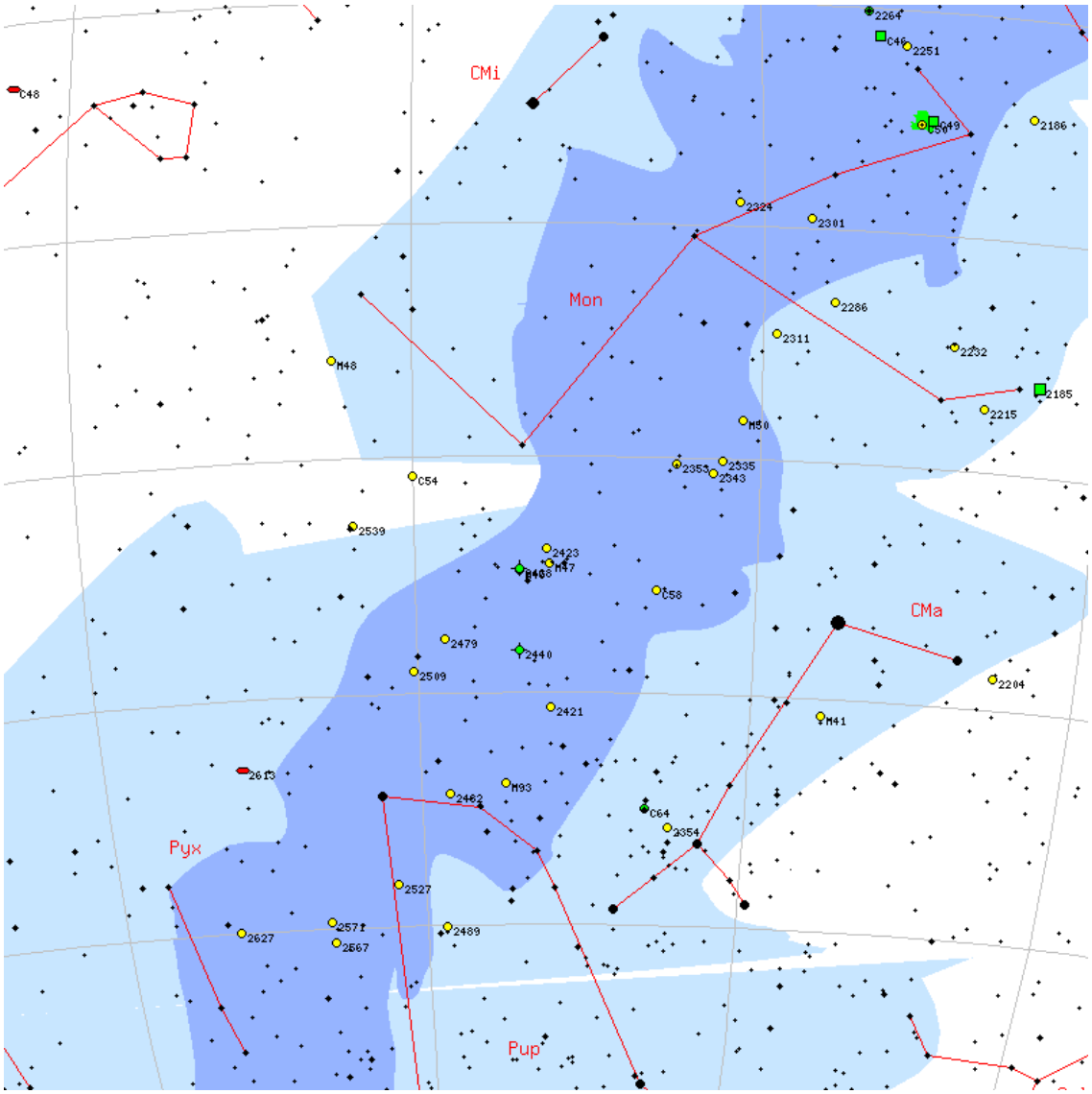
M	NGC6520	**ID**	-
Constellation	Sgr	**Type**	OC
Magnitude	8	**Size**	6 x 6
RA	18h 03m	**Dec**	-27d 53m
Name			
Description	Cl, pS, Ri, IC, st 9...13		

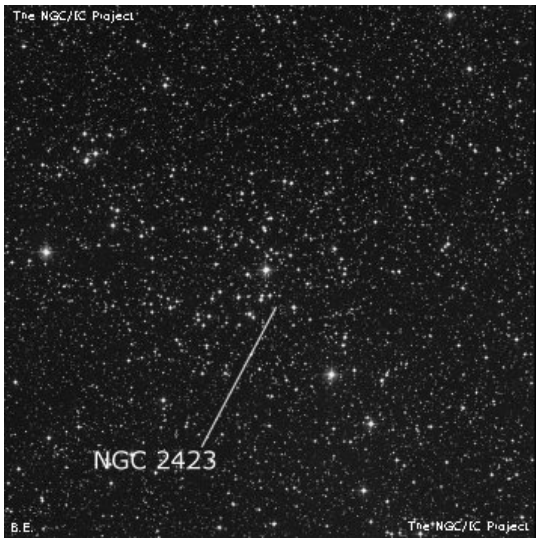




NGC2423

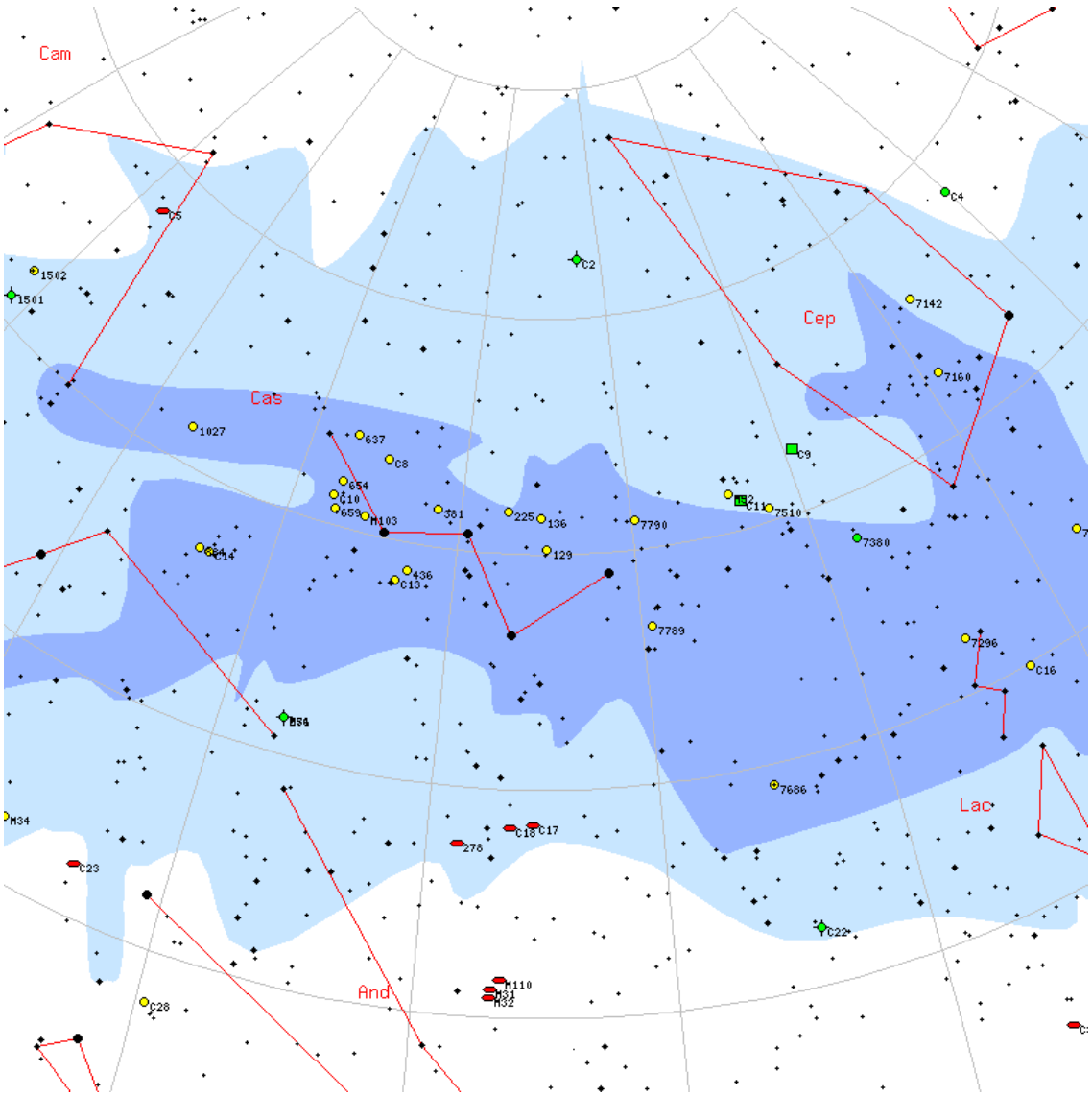
M	NGC2423	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	6.7	**Size**	19 x 19
RA	07h 37m	**Dec**	-13d 52m
Name			
Description	Cl, vL, Ri, pC, st vS		





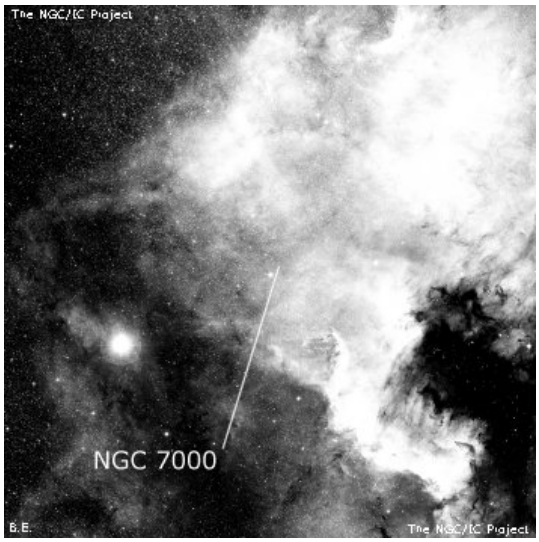
NGC129

M	NGC129	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	6.5	**Size**	21 x 21
RA	00h 29m	**Dec**	+60d 13m
Name			
Description	Cl, vL, pR, IC, st 9...13		



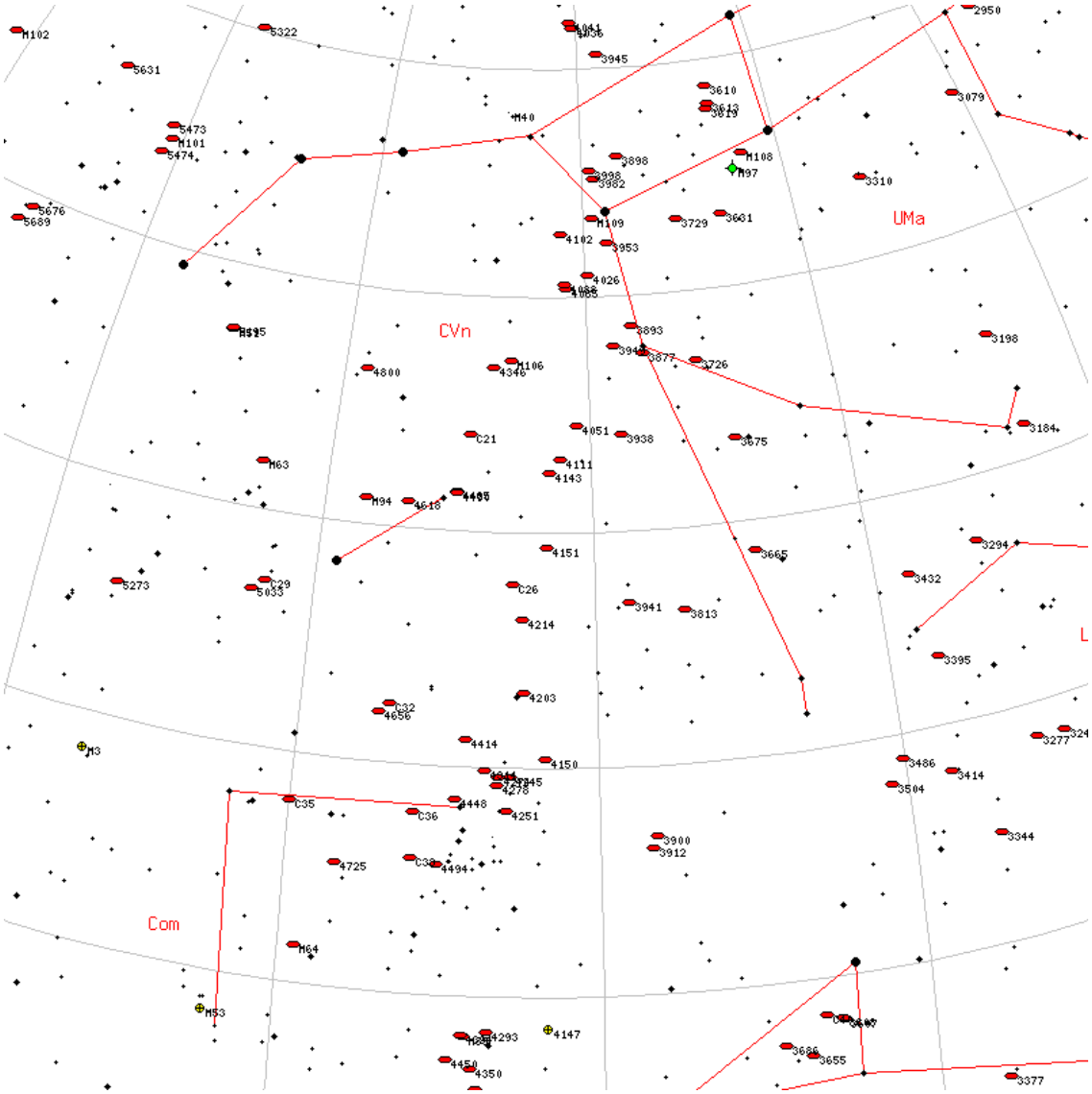
NGC7000

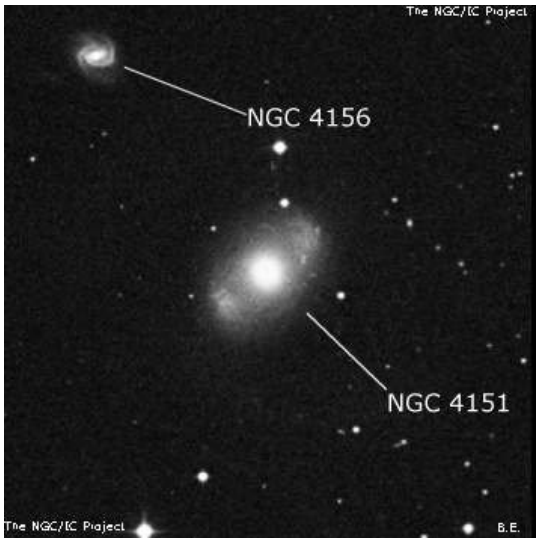
M	NGC7000	**ID**	-
Constellation	Cyg	**Type**	Nb
Magnitude	-	**Size**	120 x 120
RA	20h 58m	**Dec**	+44d 19m
Name	North America Nebula		
Description	F, eeL, dif nebulosity		



NGC4151

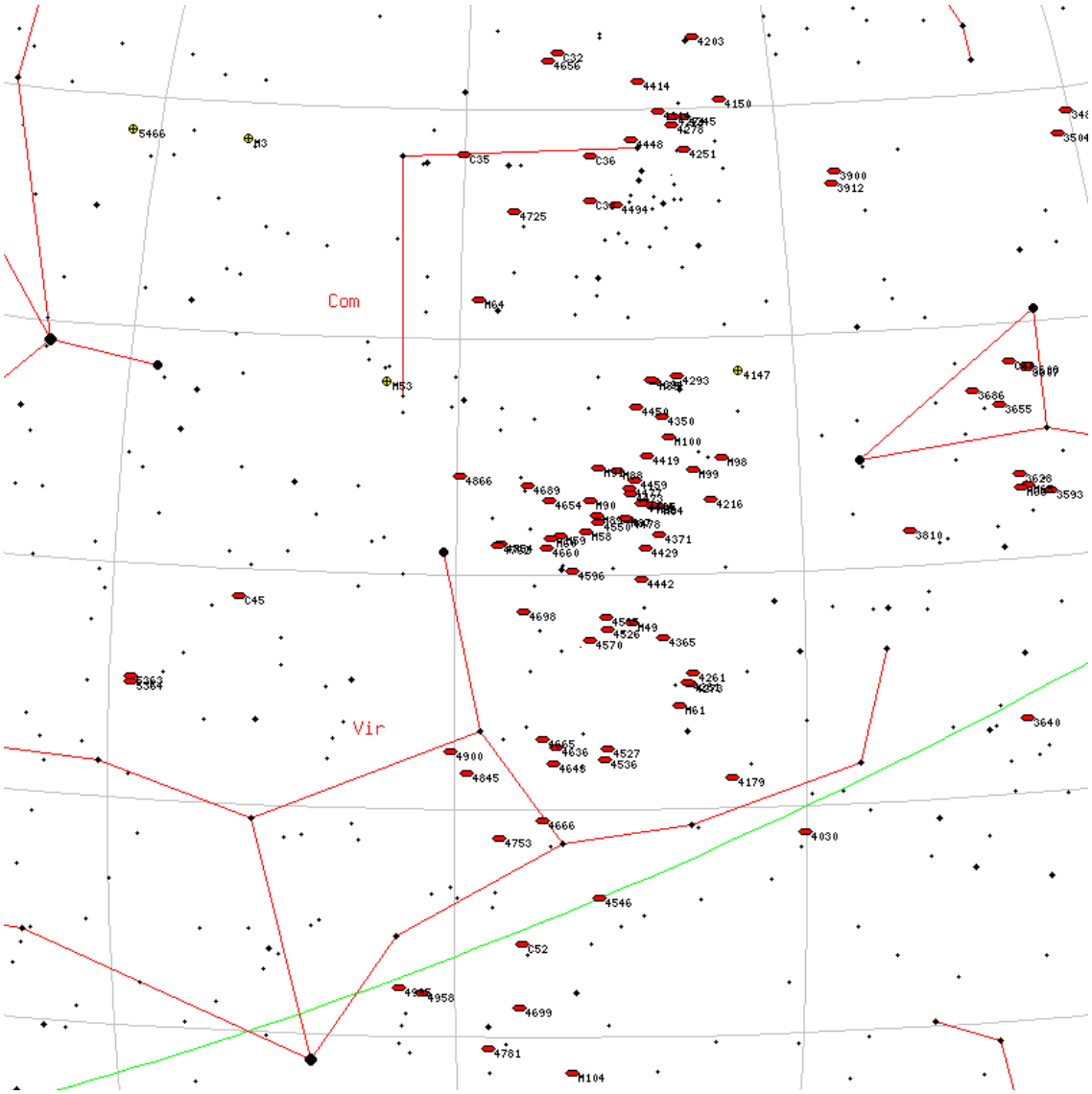
M	NGC4151	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	10.4	**Size**	3.1 x 2.2
RA	12h 10m	**Dec**	+39d 23m
Name			
Description	vB, S, R, vsmbMBN, p of 2		

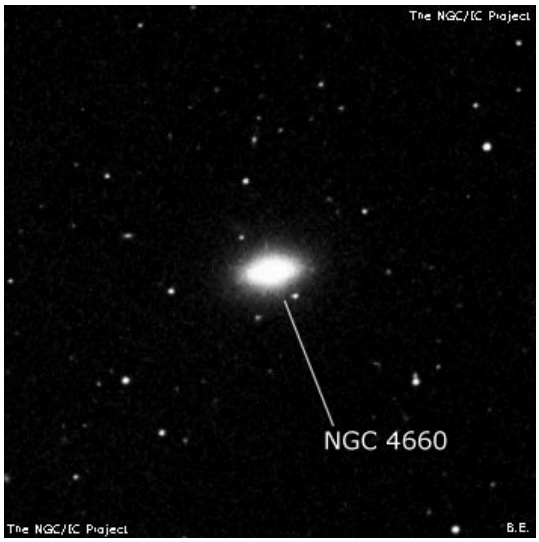




NGC4660

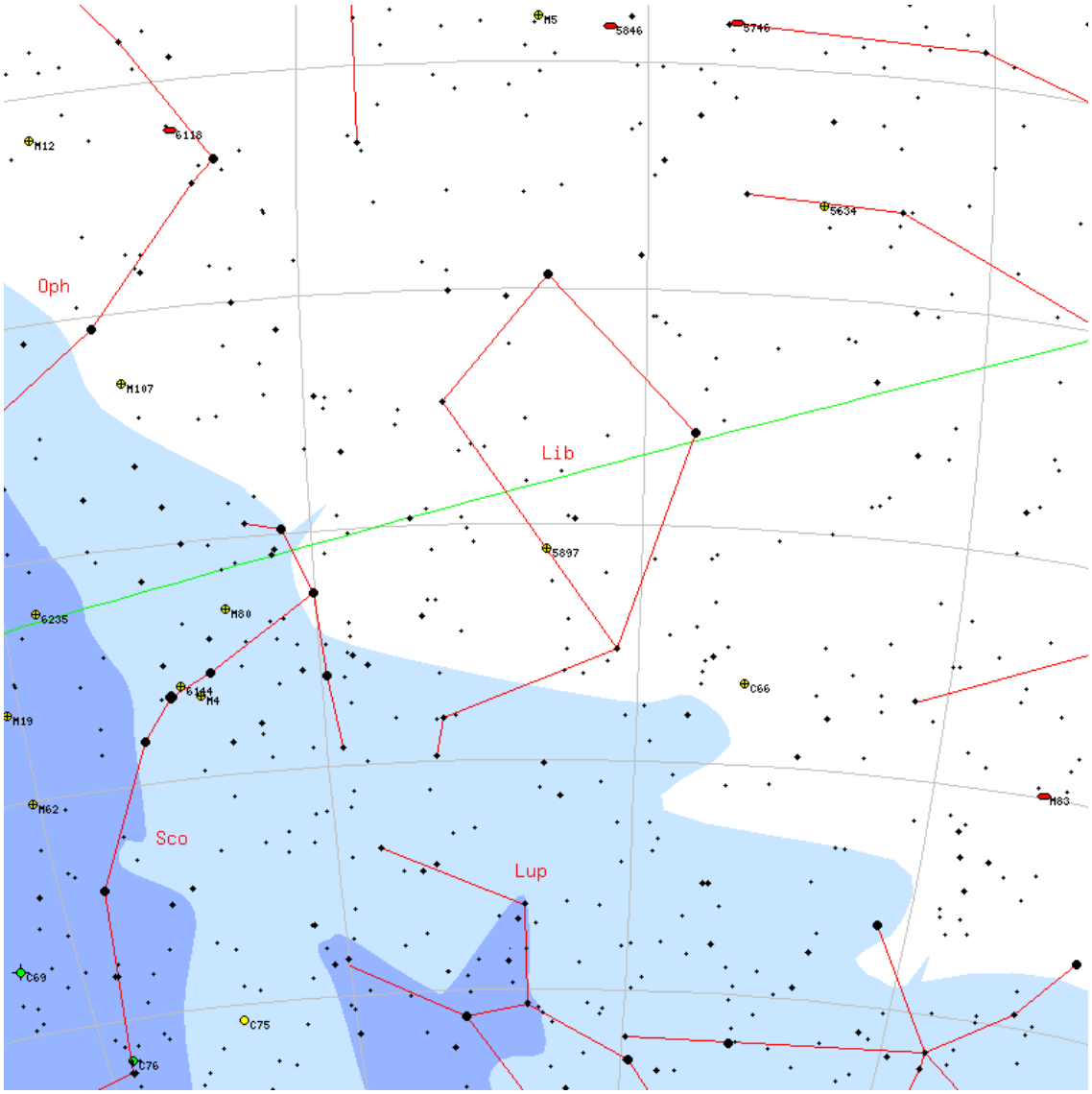
M	NGC4660	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11	**Size**	1.1 x 0.8
RA	12h 44m	**Dec**	+11d 10m
Name			
Description	vB, S, vsvmbMN		

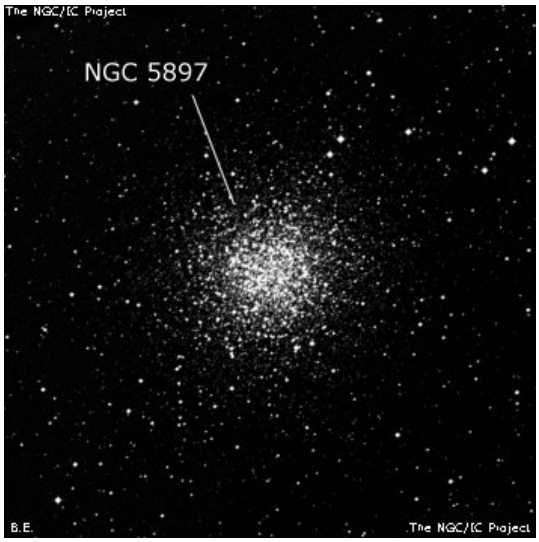




NGC5897

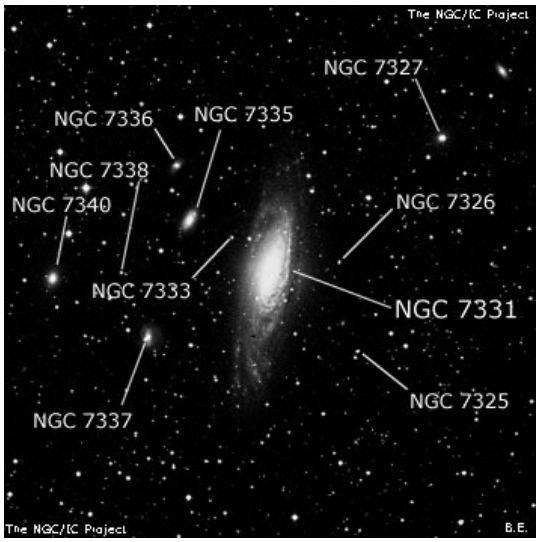
M	NGC5897	**ID**	-
Constellation	Lib	**Type**	Gb
Magnitude	8.6	**Size**	12.6 x 12.6
RA	15h 17m	**Dec**	-21d 01m
Name			
Description	glob. cl. , pF, L, viR, vgbM, rrr		





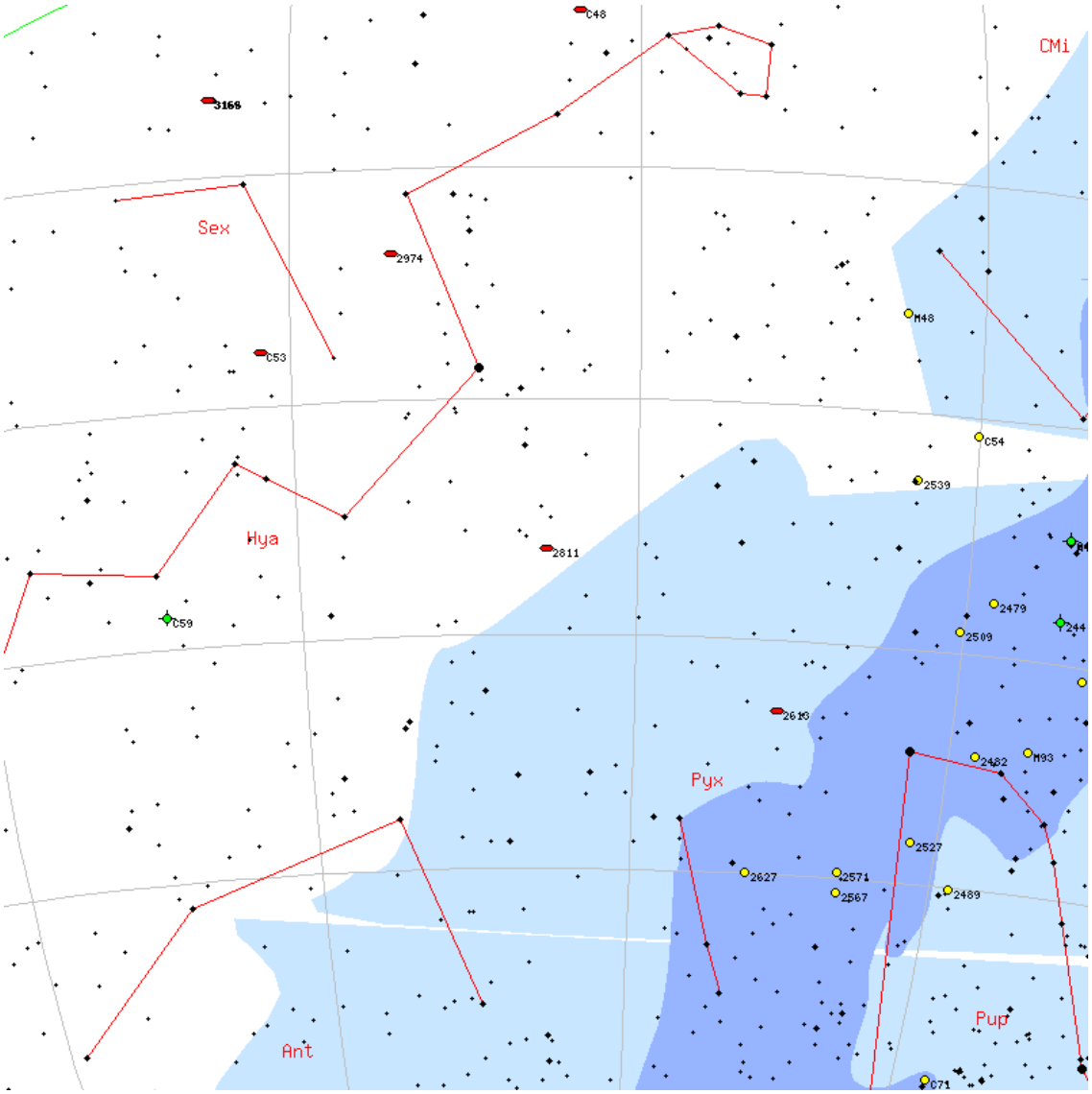
NGC7331

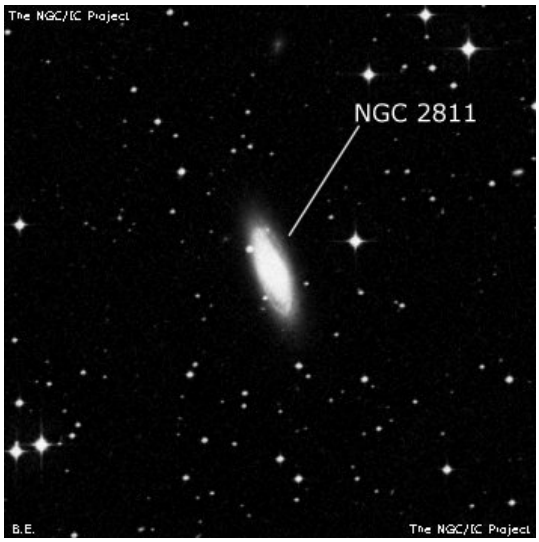
M	NGC7331	**ID**	-
Constellation	Peg	**Type**	Gx
Magnitude	9.5	**Size**	5.2 x 1.9
RA	22h 37m	**Dec**	+34d 25m
Name			
Description	B, pL, pmE 163deg , smbM		



NGC2811

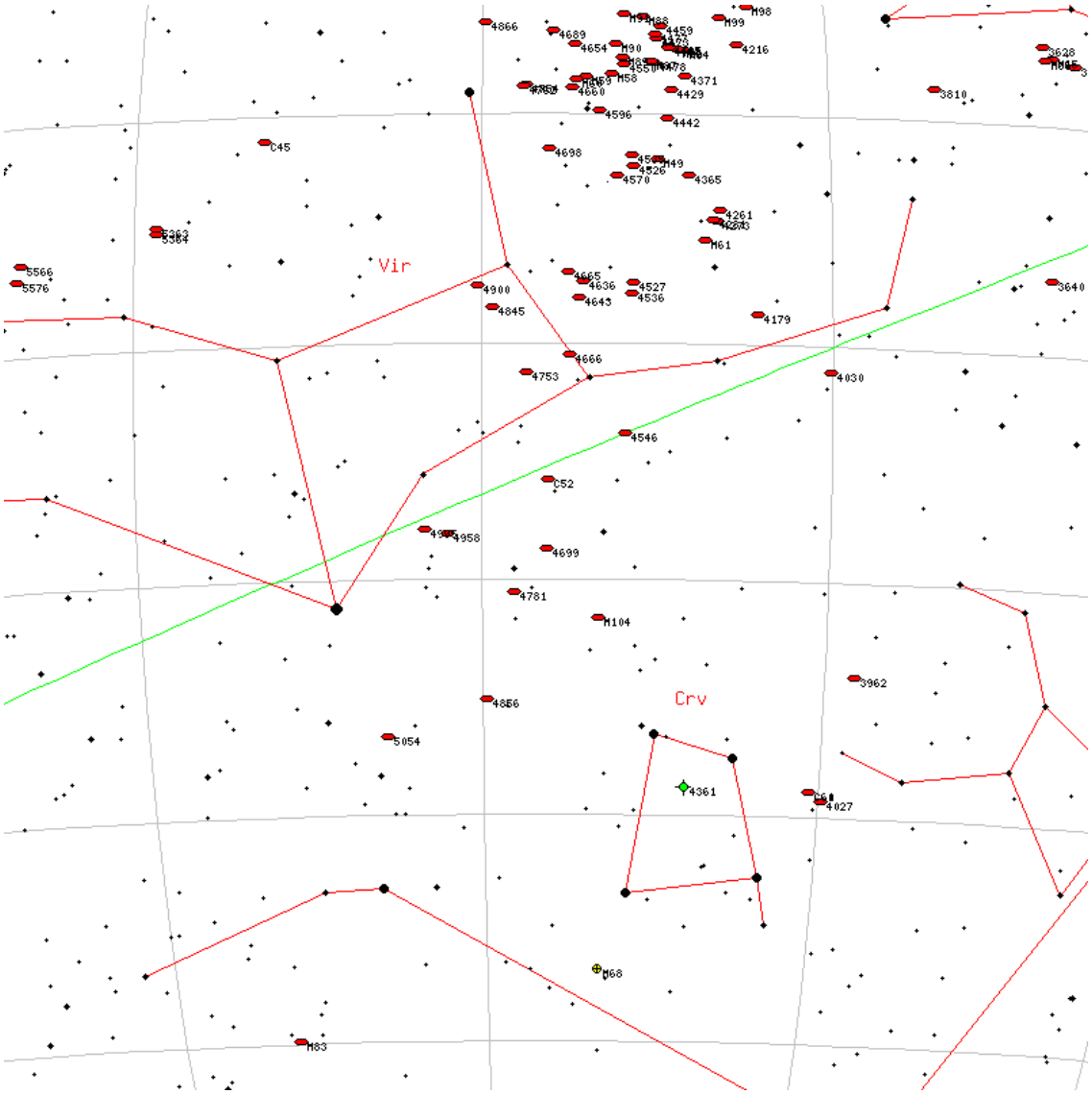
M	NGC2811	**ID**	-
Constellation	Hya	**Type**	Gx
Magnitude	11.3	**Size**	1.3 x 0.4
RA	09h 16m	**Dec**	-16d 19m
Name			
Description	pB, pS, E, psmbM		

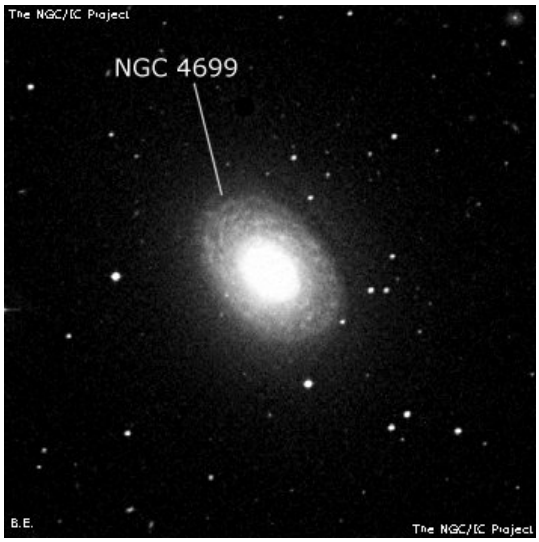




NGC4699

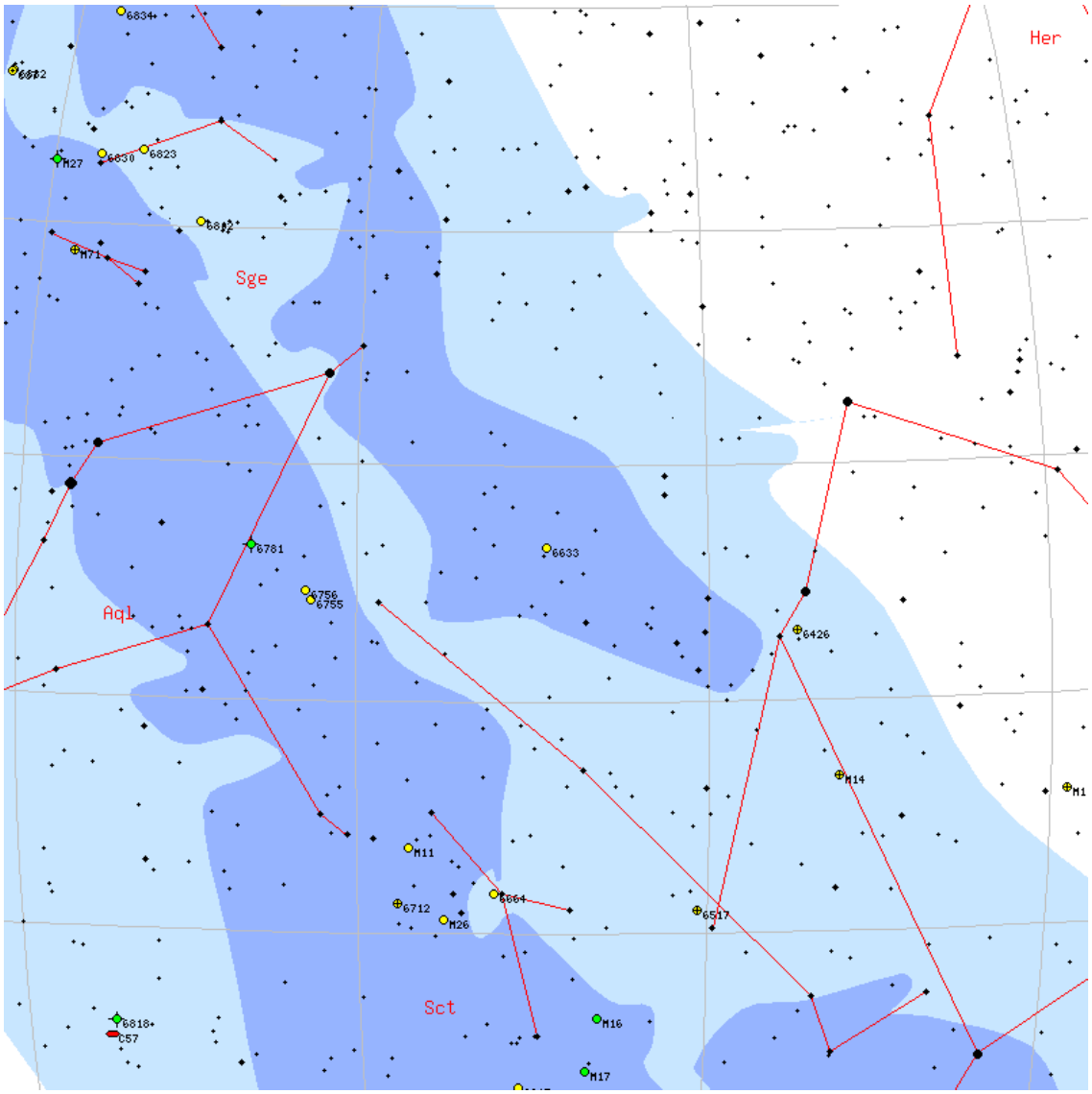
M	NGC4699	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	9.6	**Size**	1.9 x 1.3
RA	12h 49m	**Dec**	-08d 40m
Name			
Description	vB, R, vmbMrN, r		

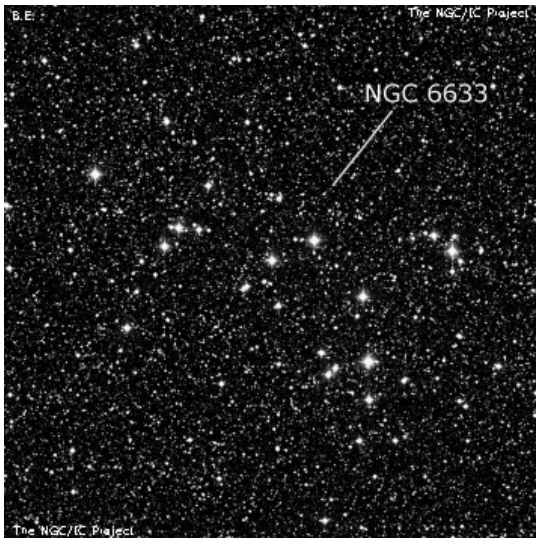




NGC6633

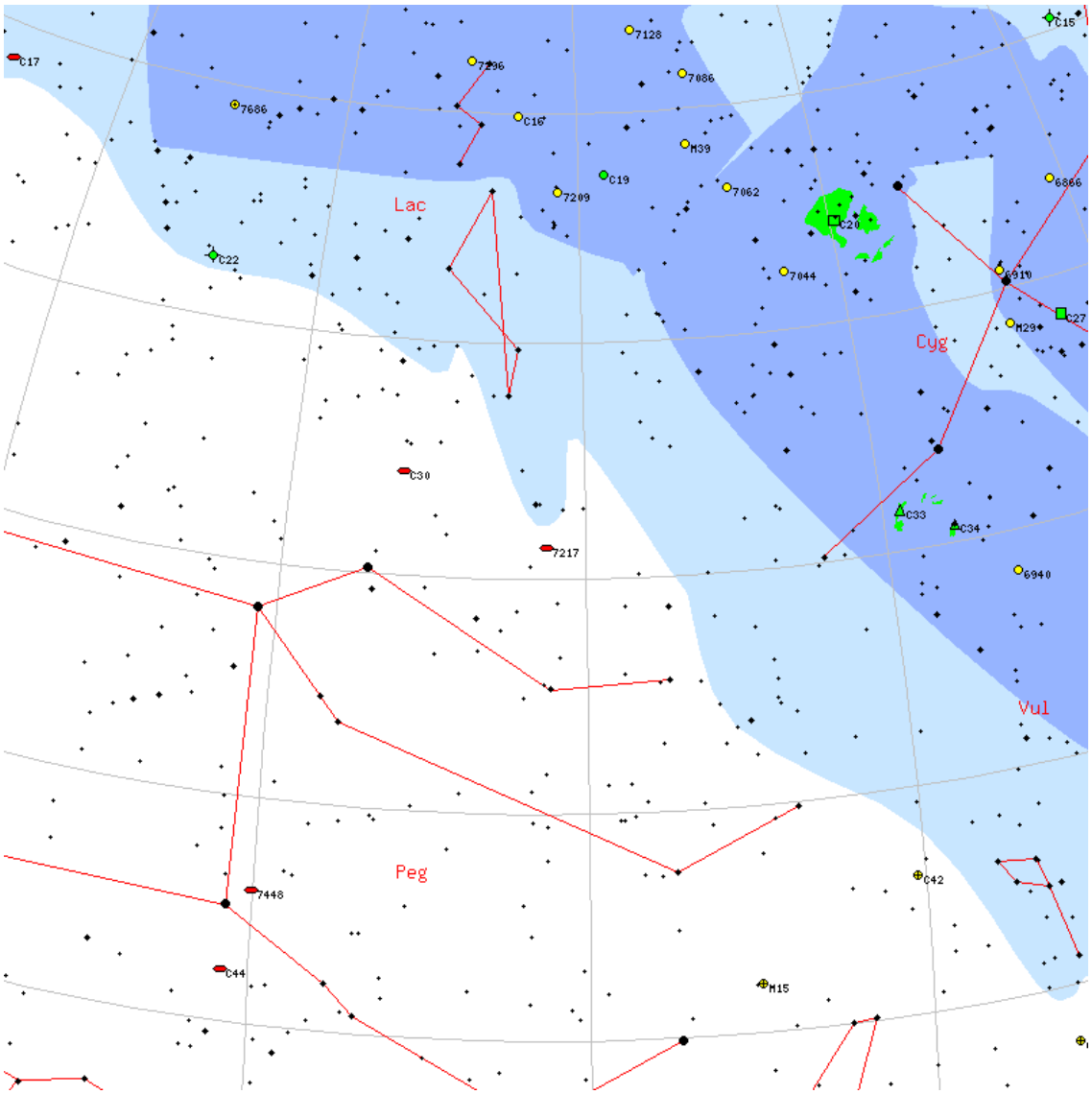
M	NGC6633	**ID**	-
Constellation	Oph	**Type**	OC
Magnitude	4.6	**Size**	27 x 27
RA	18h 27m	**Dec**	+06d 34m
Name			
Description	Cl, IC, st L		





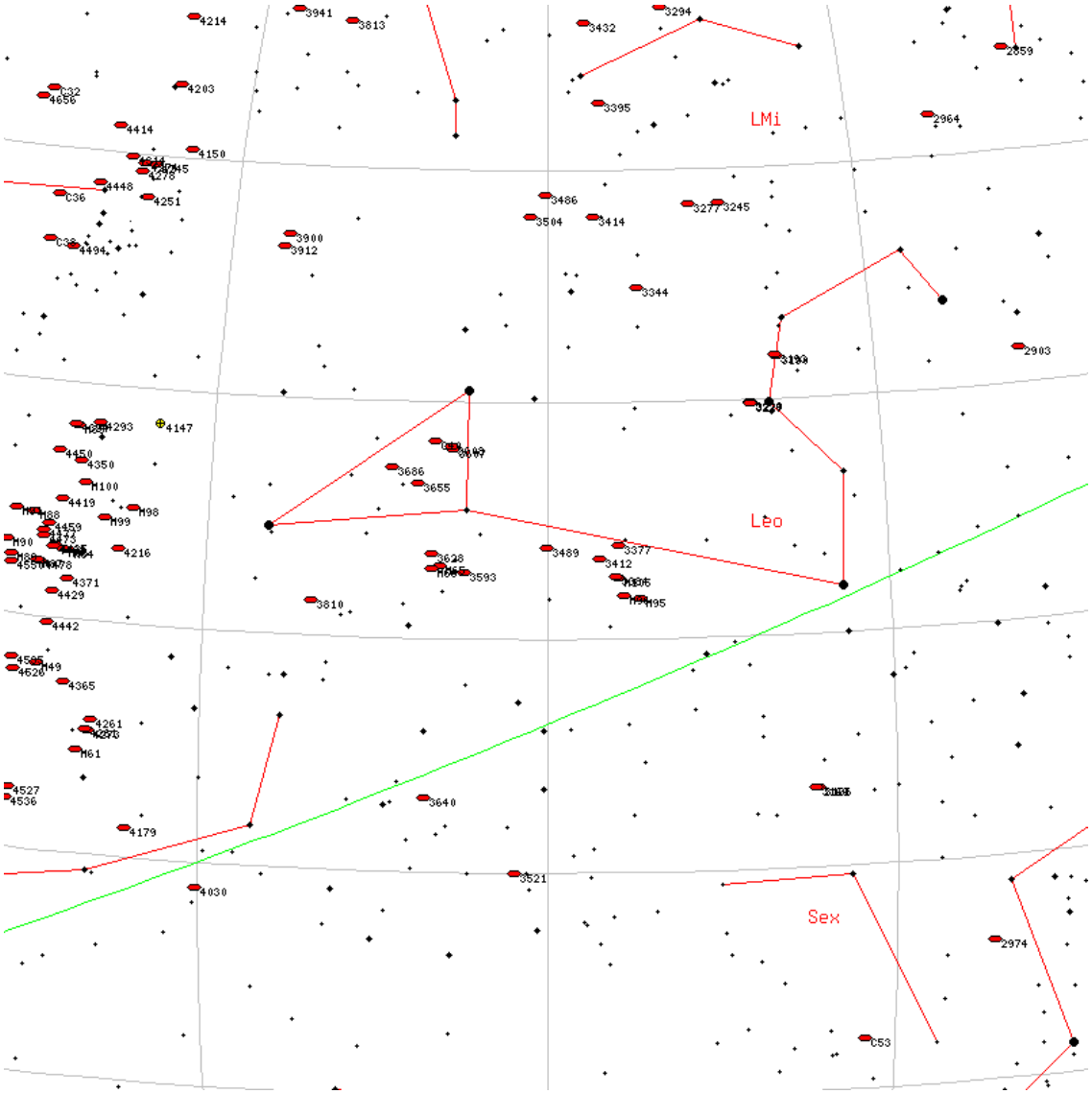
NGC7217

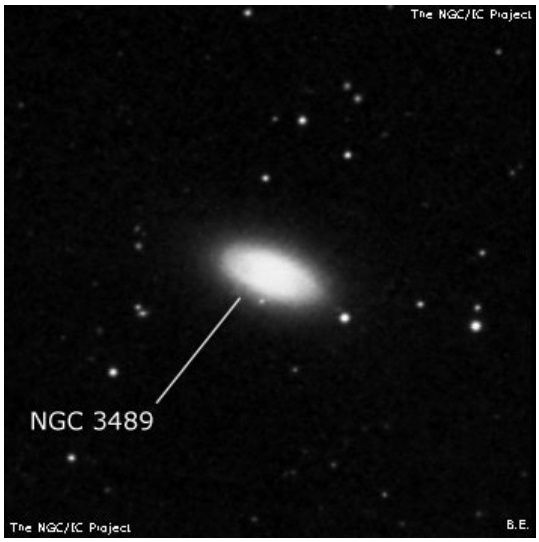
M	NGC7217	**ID**	-
Constellation	Peg	**Type**	Gx
Magnitude	10.2	**Size**	2 x 1.6
RA	22h 07m	**Dec**	+31d 22m
Name			
Description	B, pL, gbM, er		



NGC3489

M	NGC3489	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10.3	**Size**	1.8 x 1
RA	11h 00m	**Dec**	+13d 54m
Name			
Description	vB, pL, IE 80deg +/- , smbMN		



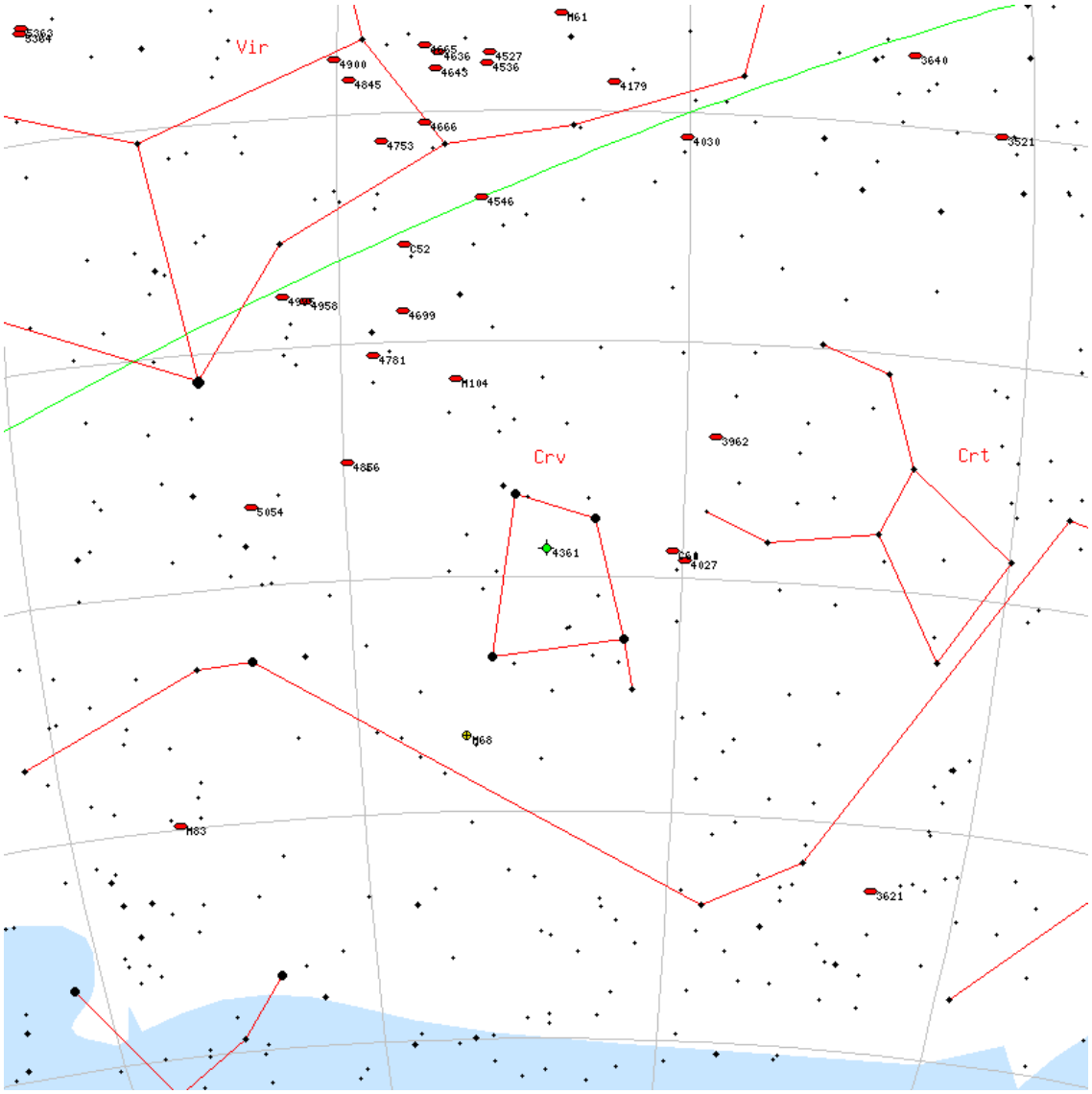


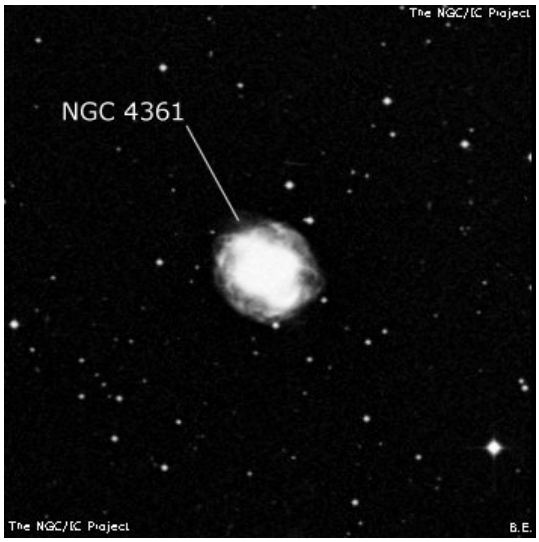
NGC663

M	NGC663	**ID**	-
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		

NGC4361

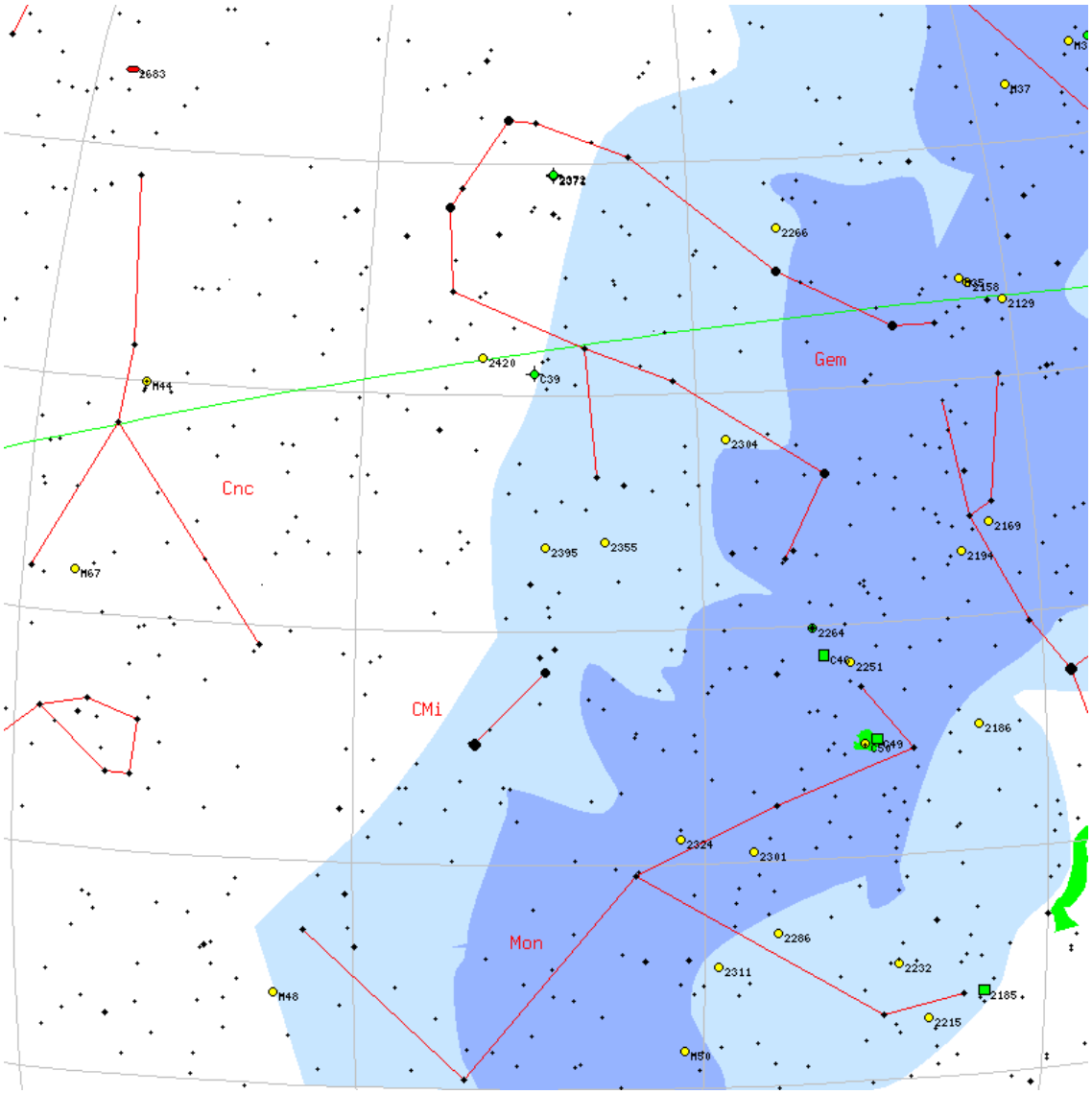
M	NGC4361	**ID**	-
Constellation	Crv	**Type**	Pl
Magnitude	10	**Size**	1.8 x 1.8
RA	12h 24m	**Dec**	-18d 48m
Name			
Description	vB, L, R, vsmbMN, r		





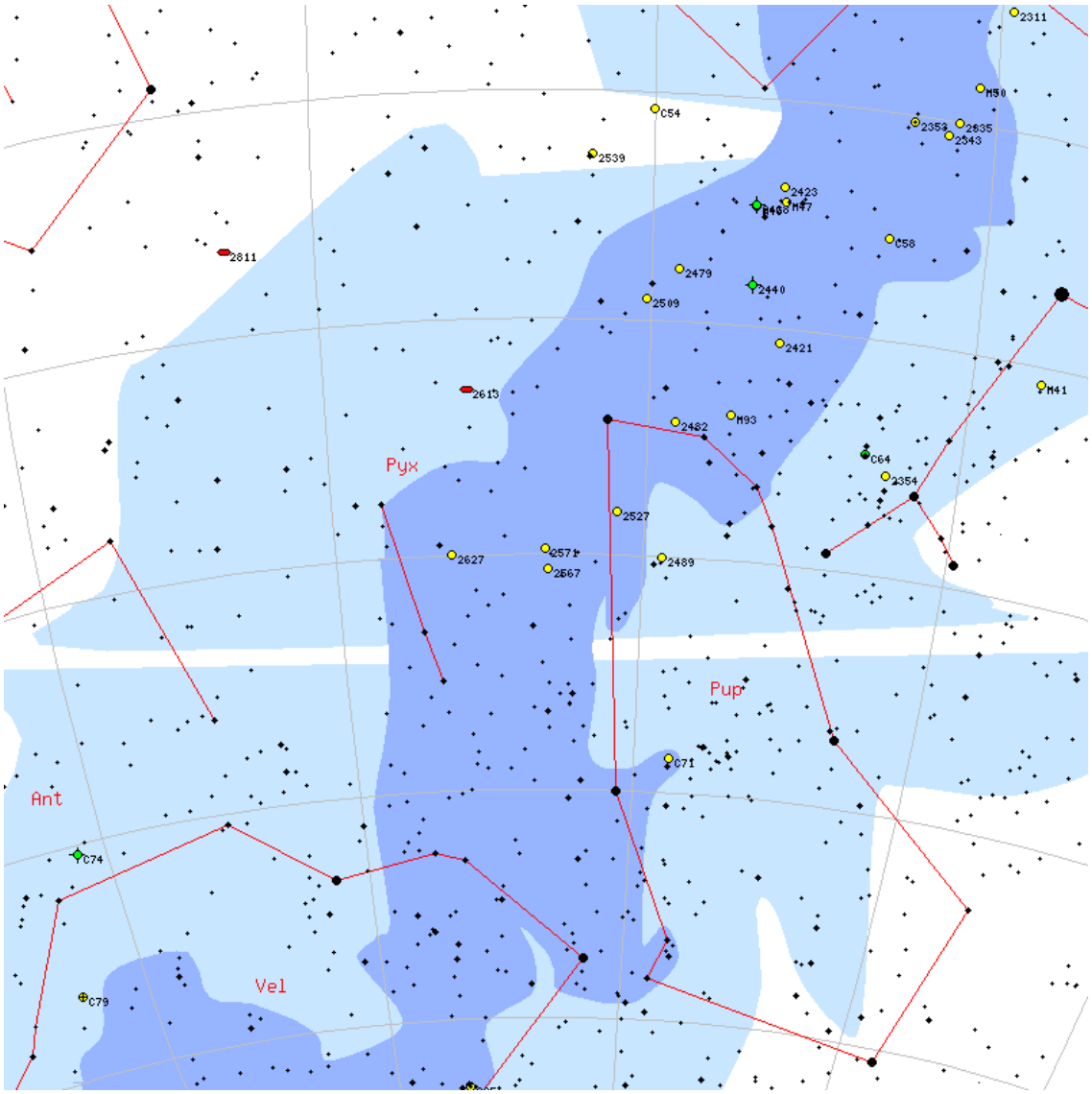
NGC2395

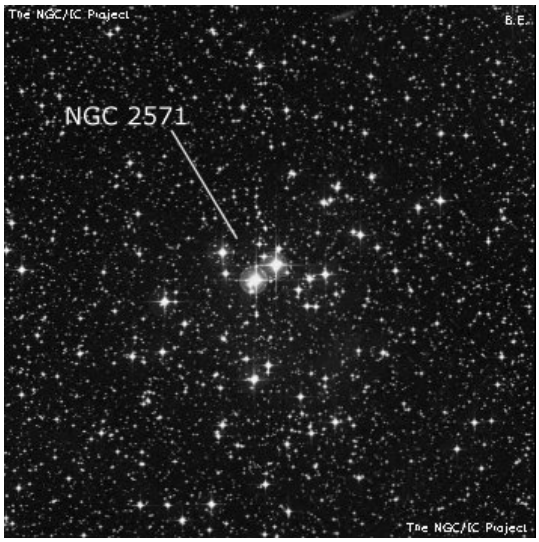
M	NGC2395	**ID**	-
Constellation	Gem	**Type**	OC
Magnitude	8	**Size**	12 x 12
RA	07h 27m	**Dec**	+13d 34m
Name			
Description	Cl, pRi, C		



NGC2571

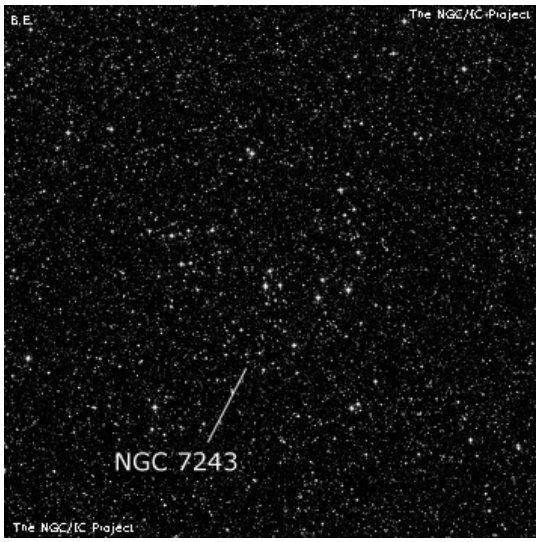
M	NGC2571	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	7	**Size**	13 x 13
RA	08h 18m	**Dec**	-29d 43m
Name			
Description	Cl, vL, cRi, IC, st 9...		





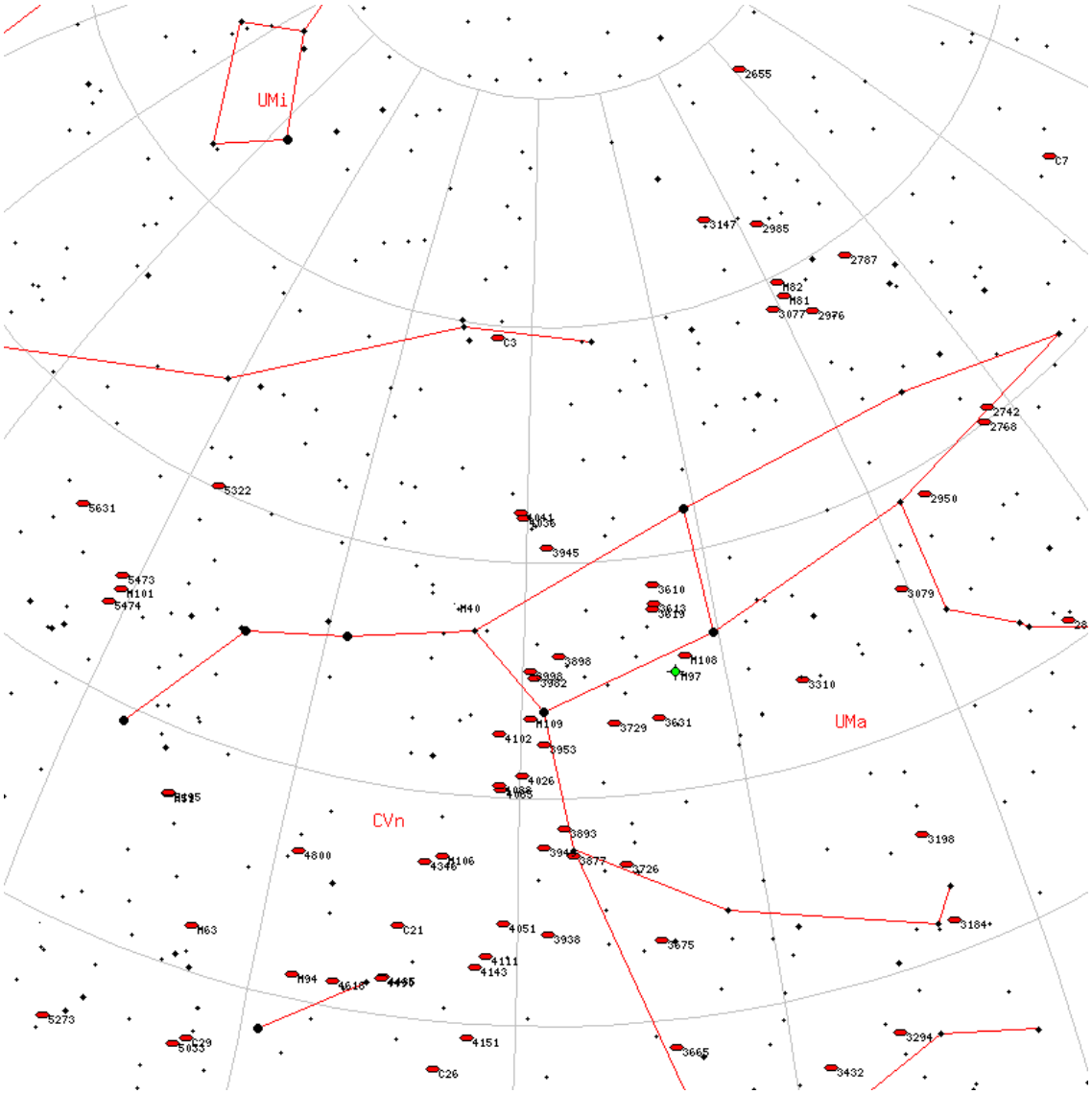
NGC7243

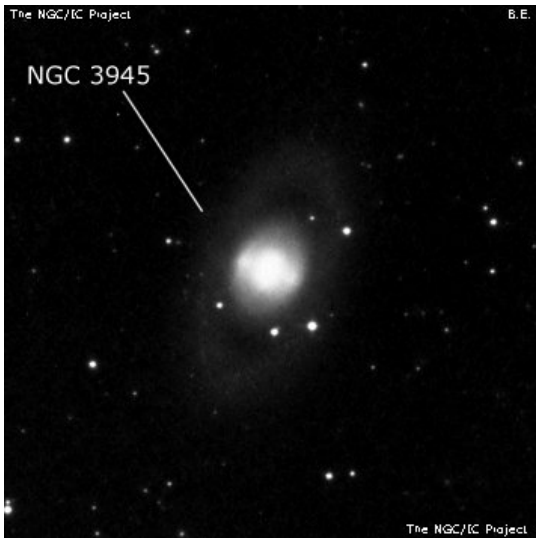
M	NGC7243	**ID**	-
Constellation	Lac	**Type**	OC
Magnitude	6.4	**Size**	21 x 21
RA	22h 15m	**Dec**	+49d 52m
Name			
Description	Cl, L, P, IC, st vL		



NGC3945

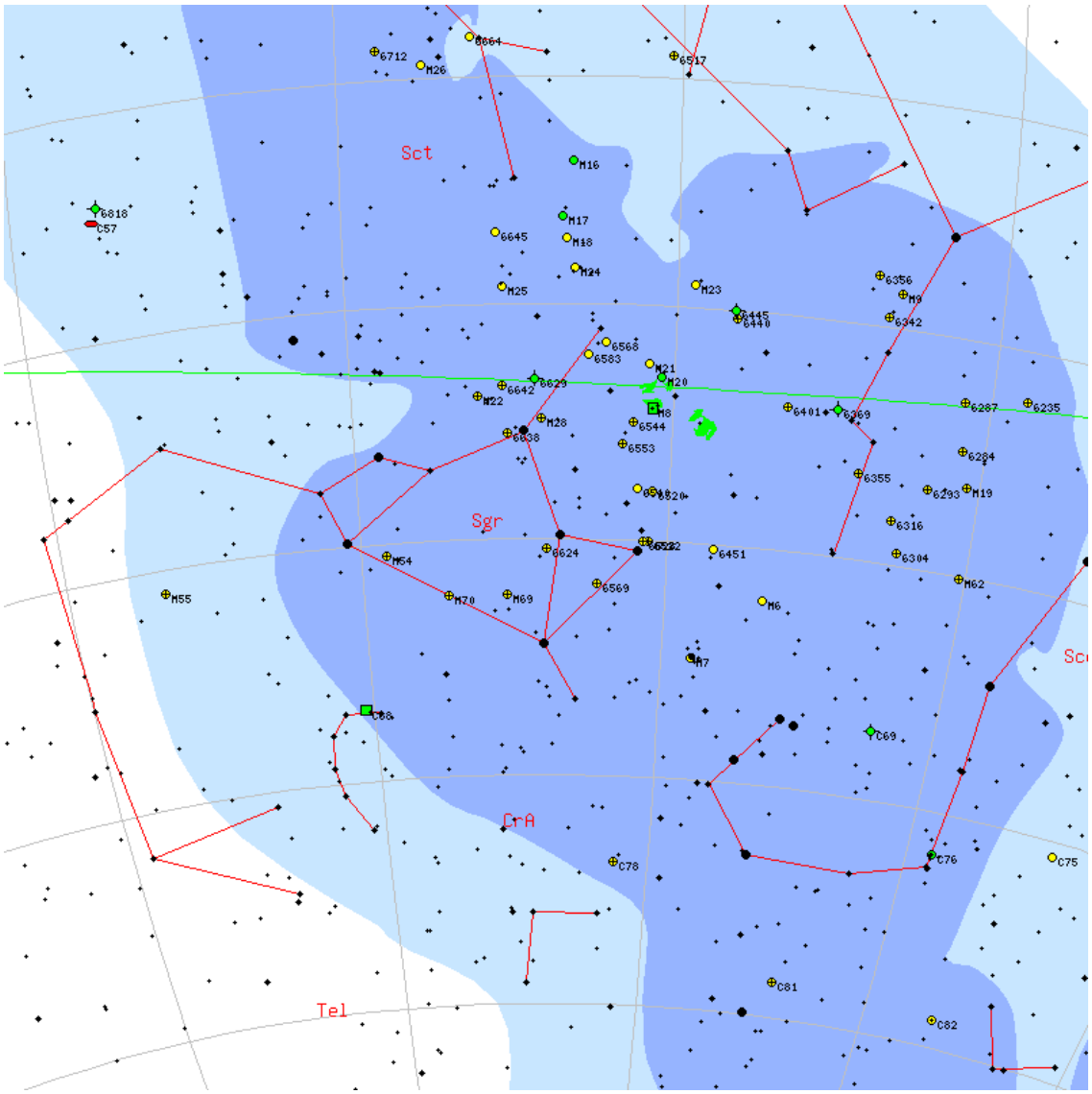
M	NGC3945	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.6	**Size**	2.6 x 1.7
RA	11h 53m	**Dec**	+60d 40m
Name			
Description	B, pL, R, gmbM, r, *12 sp		

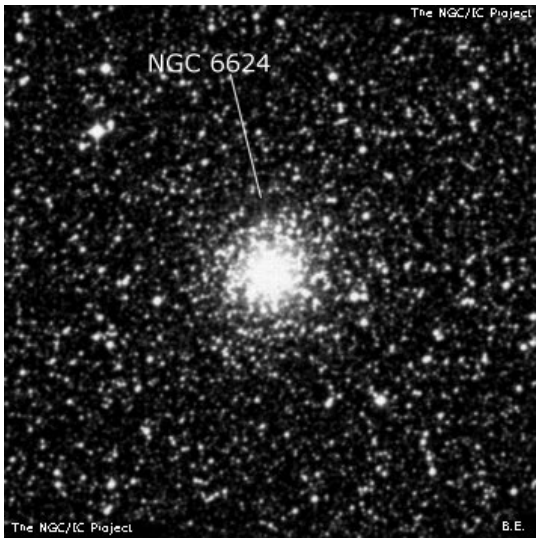




NGC6624

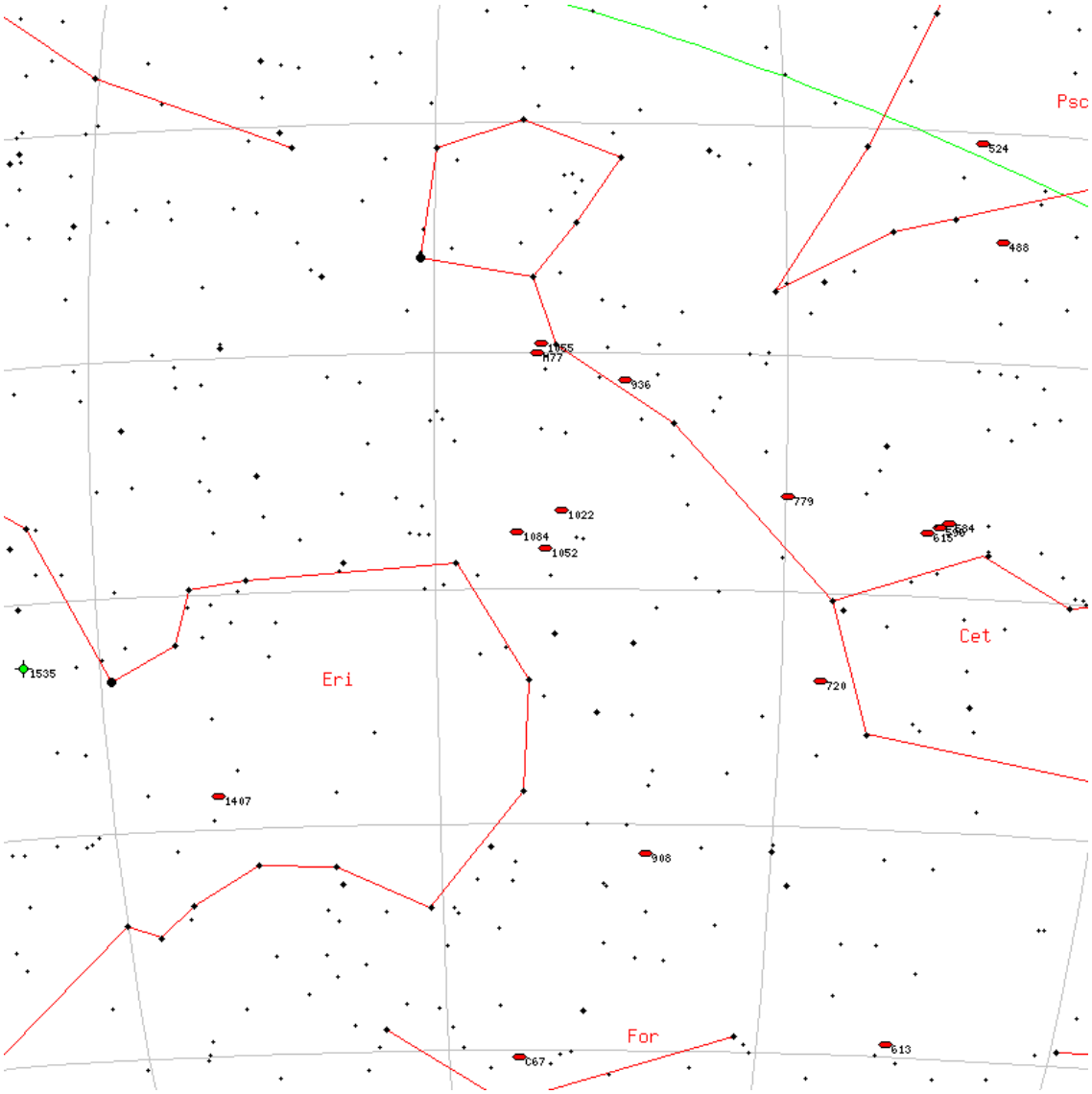
M	NGC6624	**ID**	-
Constellation	Sgr	**Type**	Gb
Magnitude	8.3	**Size**	5.9 x 5.9
RA	18h 23m	**Dec**	-30d 22m
Name			
Description	glob. cl. , vB, pL, R, rrr, st 16		

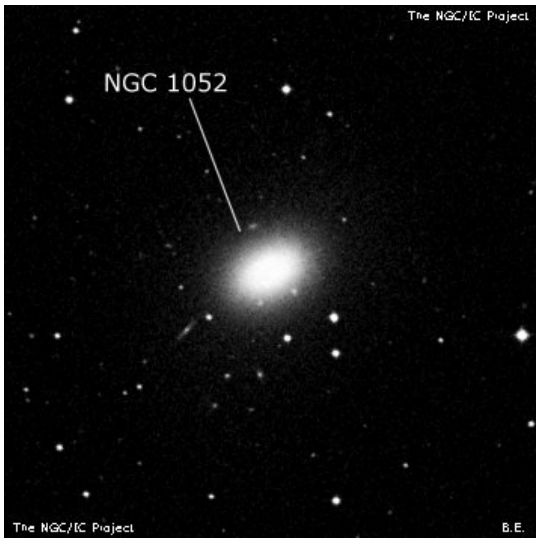




NGC1052

M	NGC1052	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	10.6	**Size**	1.5 x 1
RA	02h 41m	**Dec**	-08d 15m
Name			
Description	B, pL, R, mbM *12		



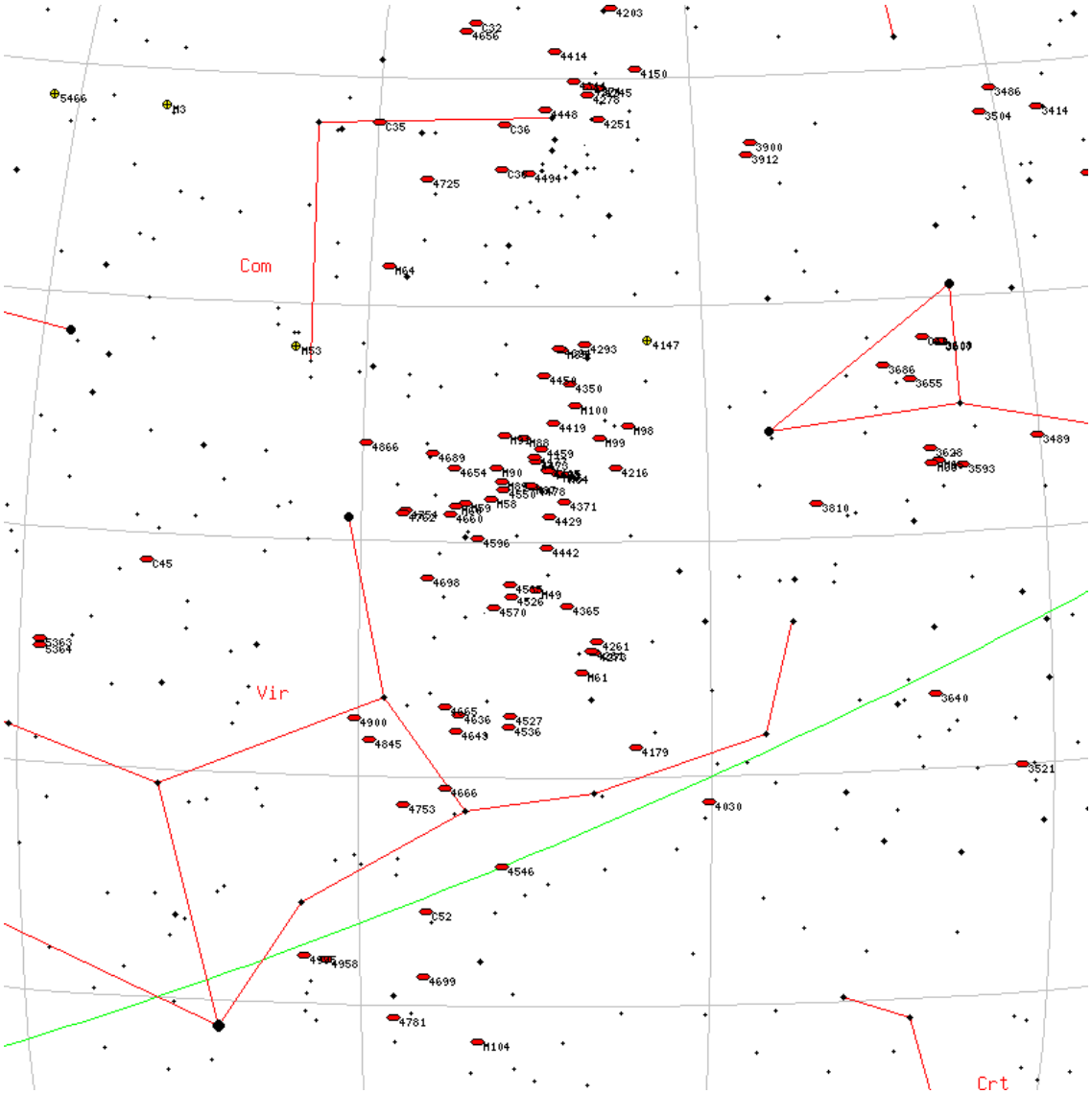


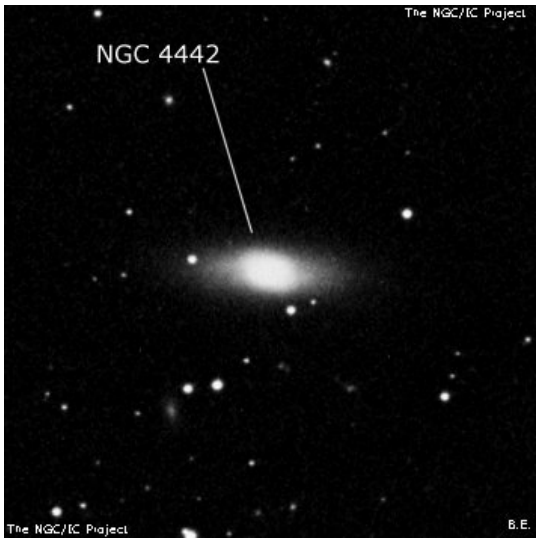
NGC559

M	NGC559	**ID**	-
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		

NGC4442

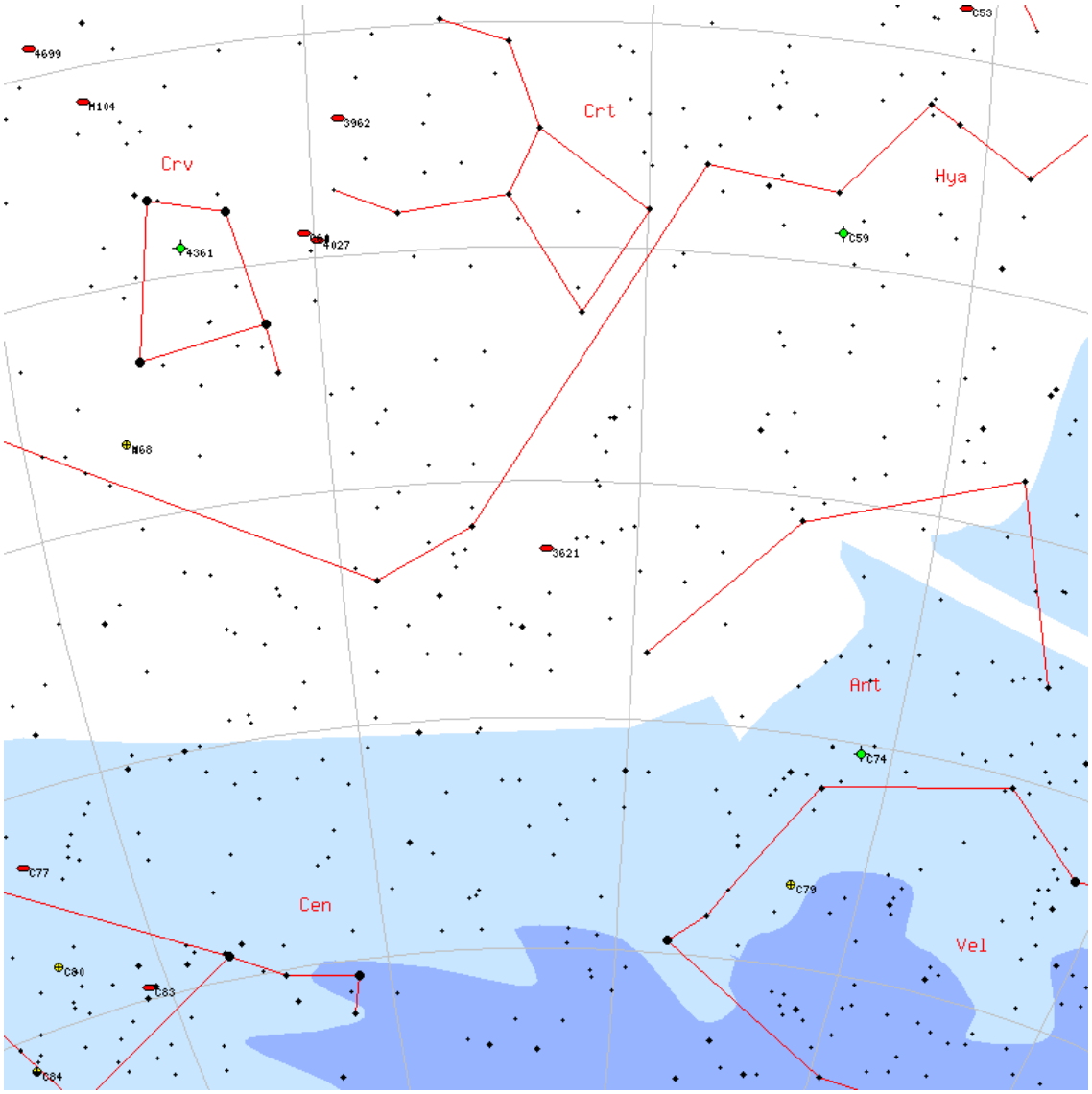
M	NGC4442	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.5	**Size**	2.3 x 0.9
RA	12h 28m	**Dec**	+09d 48m
Name			
Description	vB, pL, R, smbM		

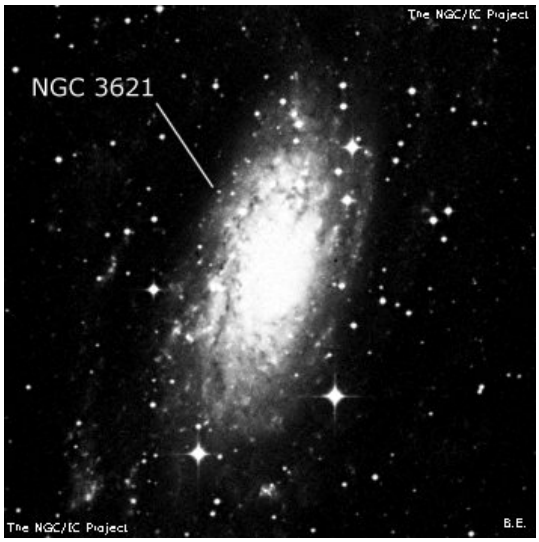




NGC3621

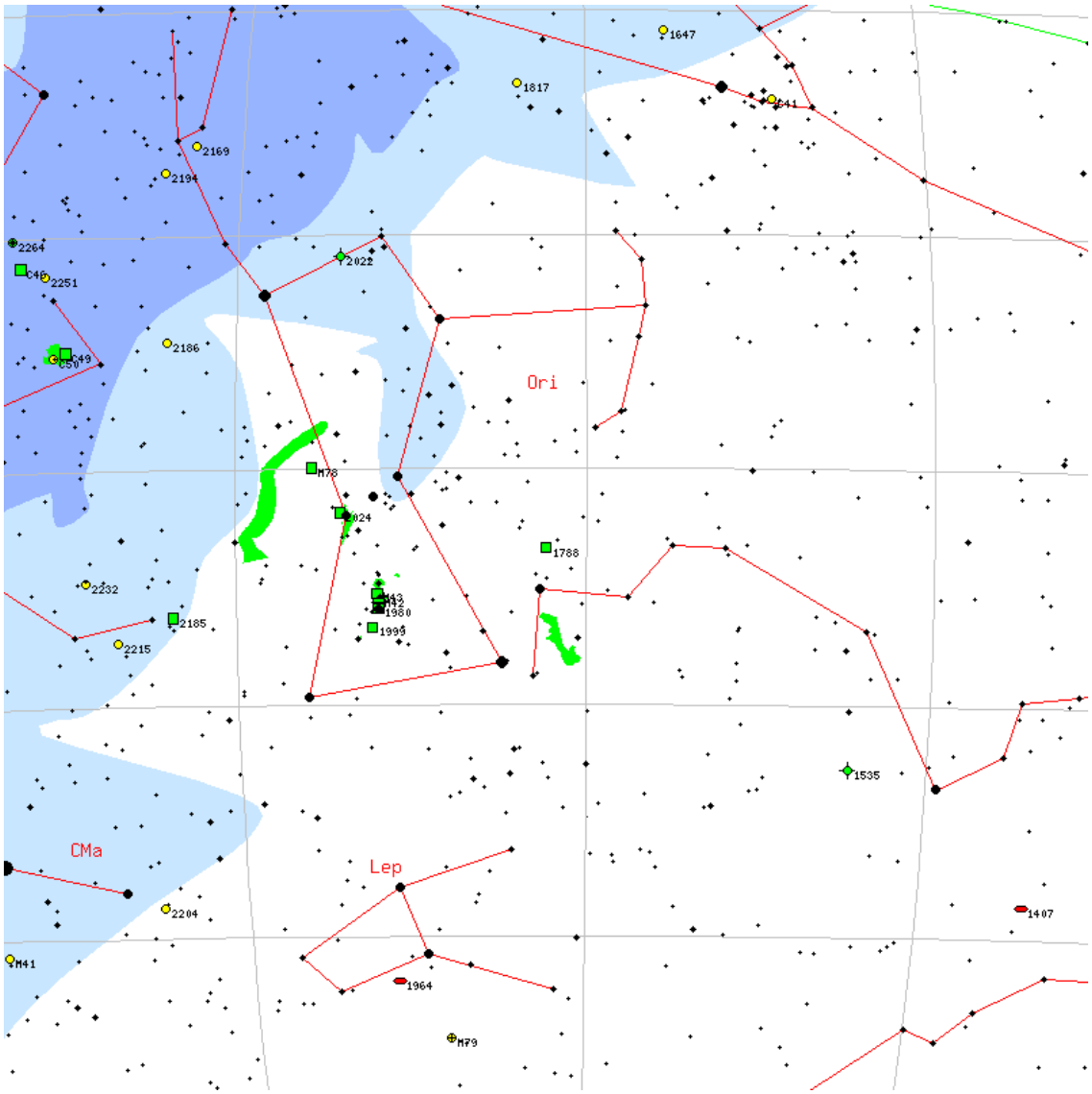
M	NGC3621	**ID**	-
Constellation	Hya	**Type**	Gx
Magnitude	10	**Size**	6.2 x 3.5
RA	11h 18m	**Dec**	-32d 49m
Name			
Description	cB, vL, E 160deg , am 4 st		

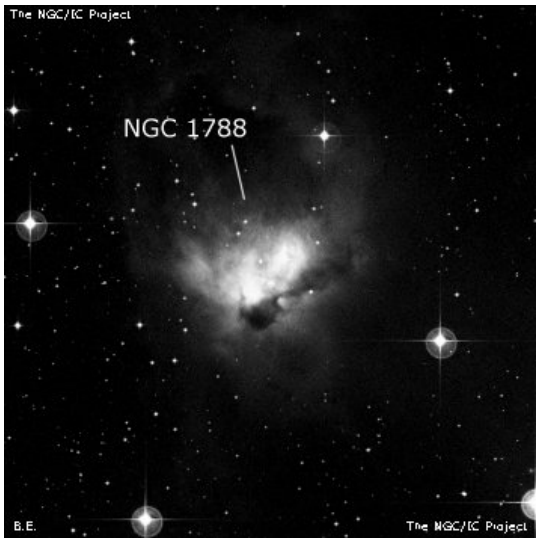




NGC1788

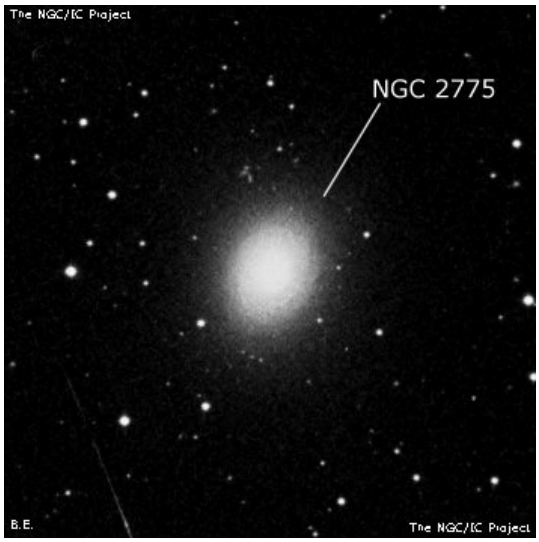
M	NGC1788	**ID**	-
Constellation	Ori	**Type**	Nb
Magnitude	-	**Size**	8 x 8
RA	05h 06m	**Dec**	-03d 21m
Name			
Description	B, cL, R, bM *** ; *10 inv in the neby		





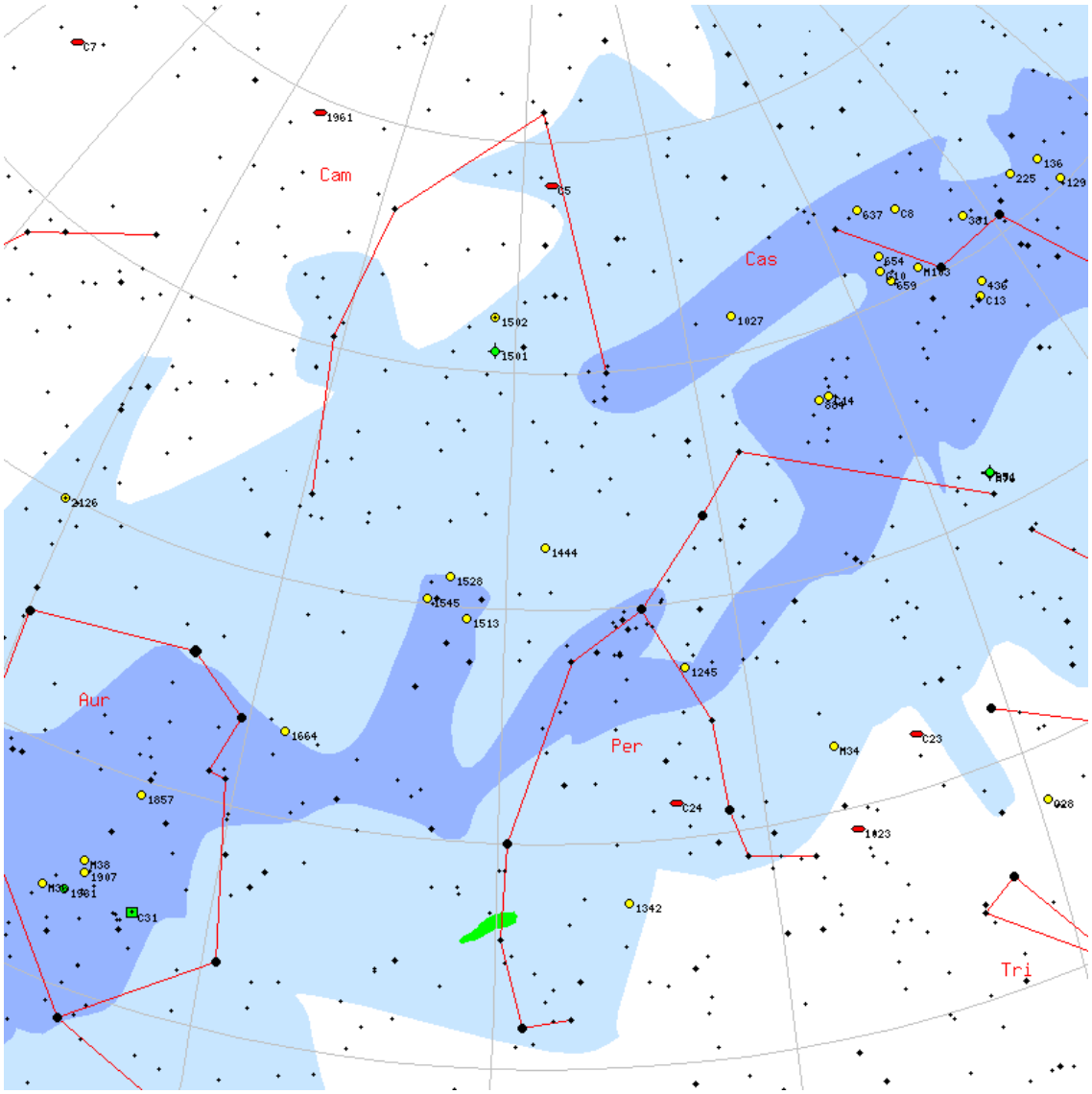
NGC2775

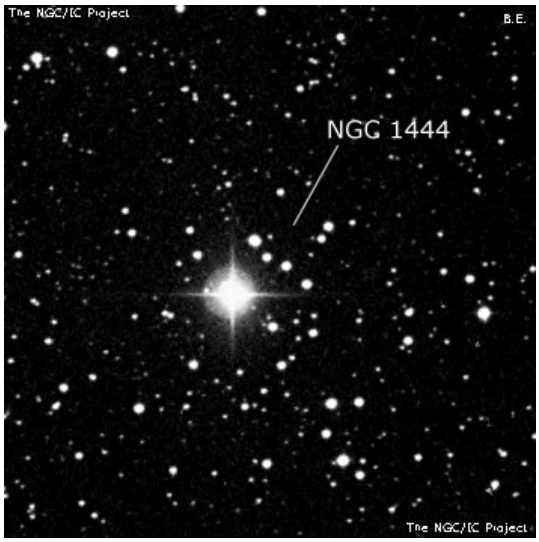
M	NGC2775	**ID**	-
Constellation	Cnc	**Type**	Gx
Magnitude	10.3	**Size**	2.1 x 1.7
RA	09h 10m	**Dec**	+07d 01m
Name			
Description	cB, cL, R, vgvsmbM, r		



NGC1444

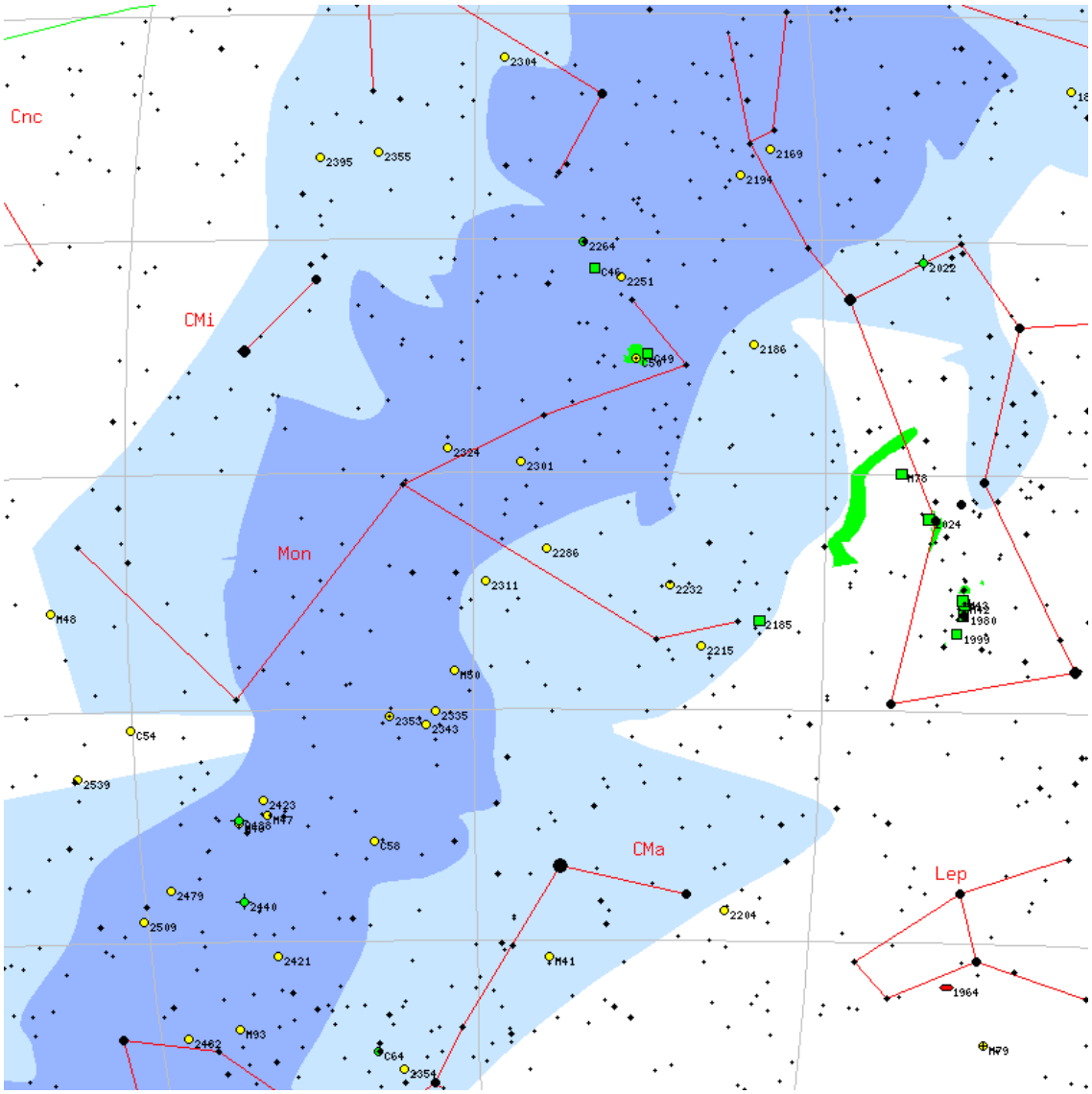
M	NGC1444	**ID**	-
Constellation	Per	**Type**	OC
Magnitude	6.6	**Size**	4 x 4
RA	03h 49m	**Dec**	+52d 40m
Name			
Description	Cl of ab 30 st 12...14		

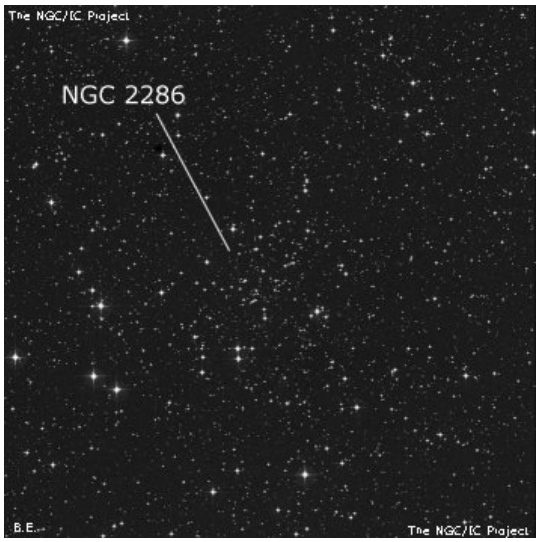




NGC2286

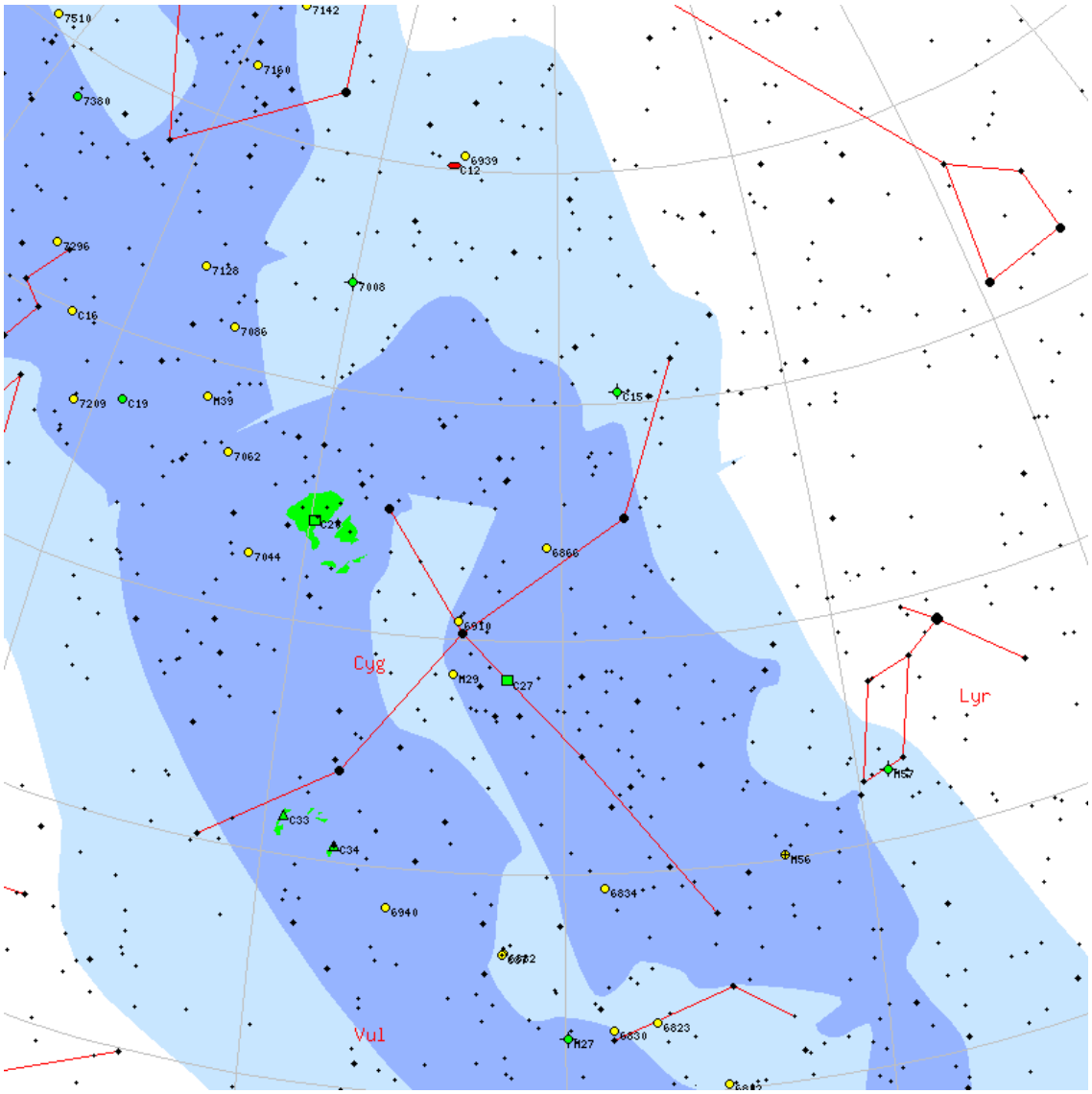
M	NGC2286	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	7.5	**Size**	15 x 15
RA	06h 47m	**Dec**	-03d 10m
Name			
Description	Cl, L, C, ab 100 st 9...15		





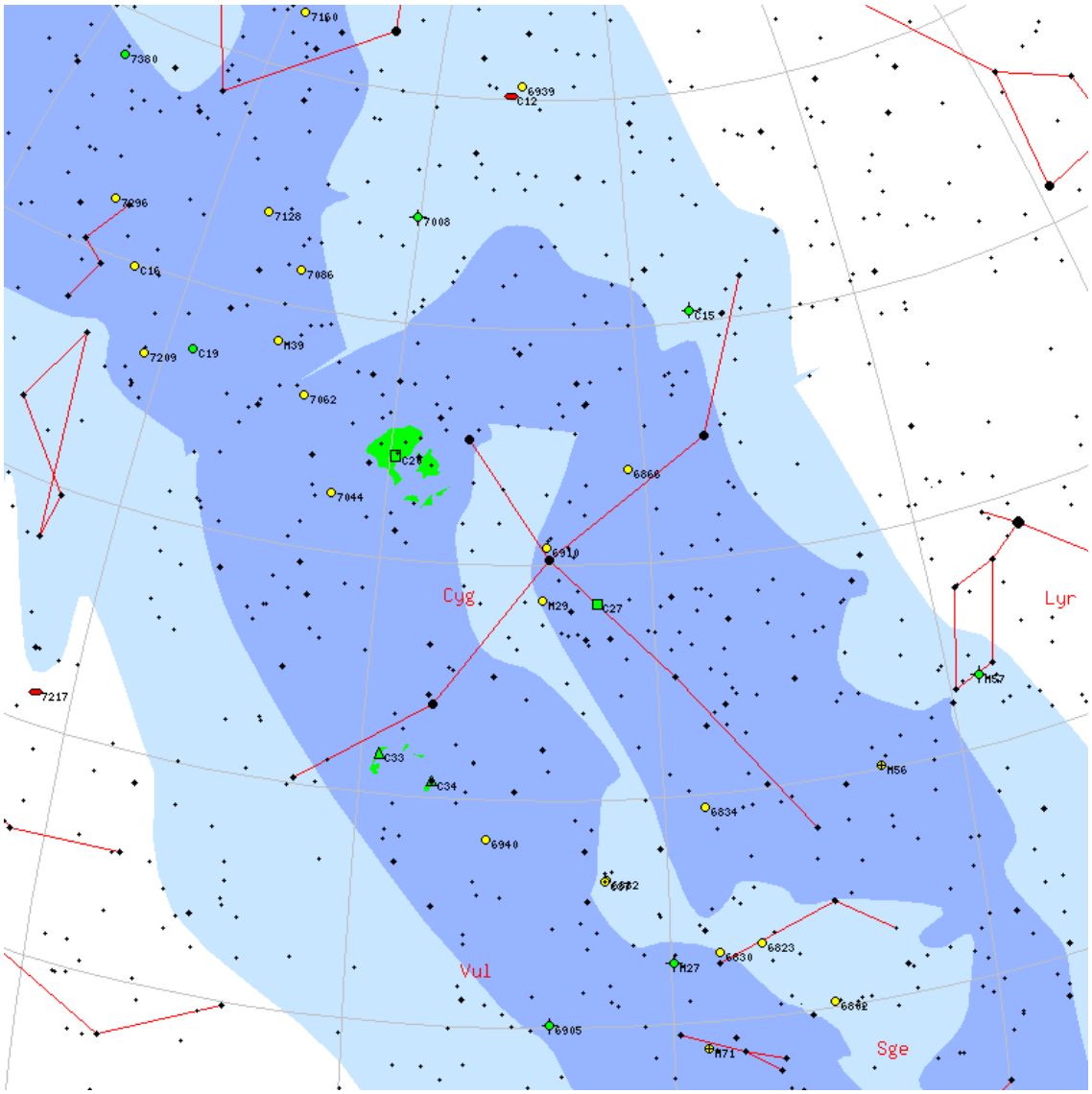
NGC6866

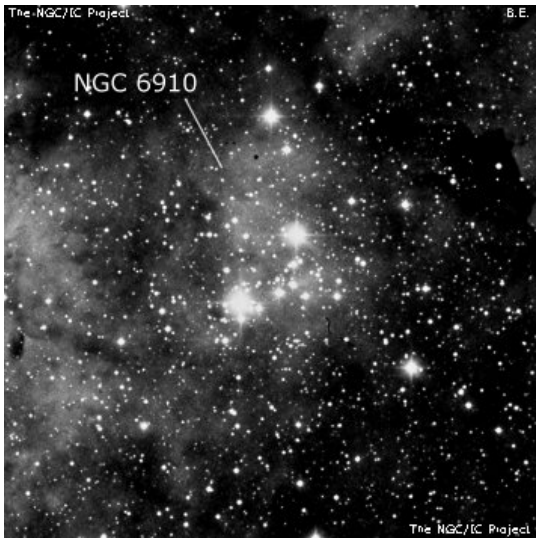
M	NGC6866	**ID**	-
Constellation	Cyg	**Type**	OC
Magnitude	7.6	**Size**	7 x 7
RA	20h 03m	**Dec**	+44d 00m
Name			
Description	Cl, L, vRi, cC		



NGC6910

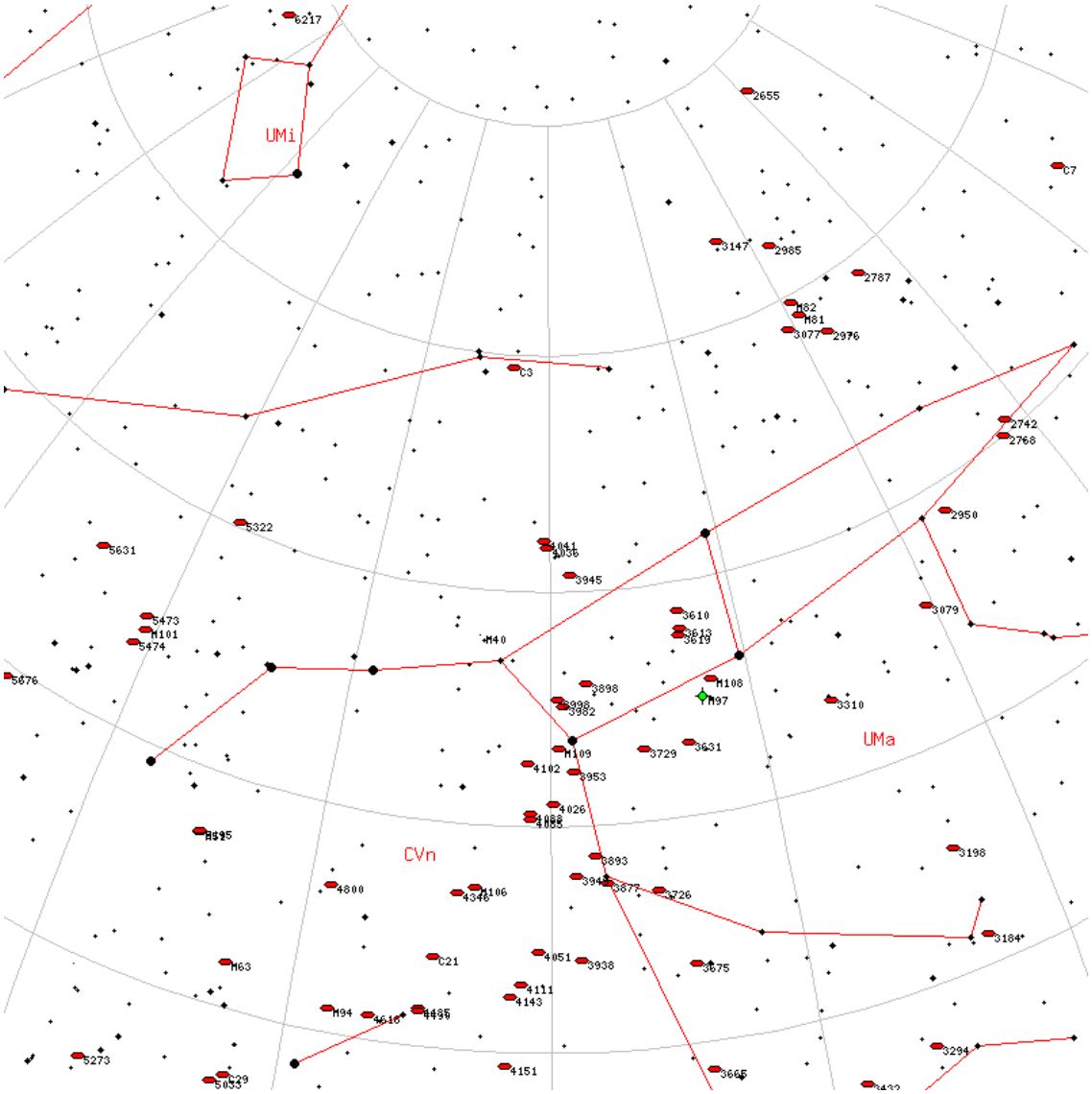
M	NGC6910	**ID**	-
Constellation	Cyg	**Type**	OC
Magnitude	7.4	**Size**	8 x 8
RA	20h 23m	**Dec**	+40d 46m
Name			
Description	Cl, pB, pS, P, pC, st 10...12		

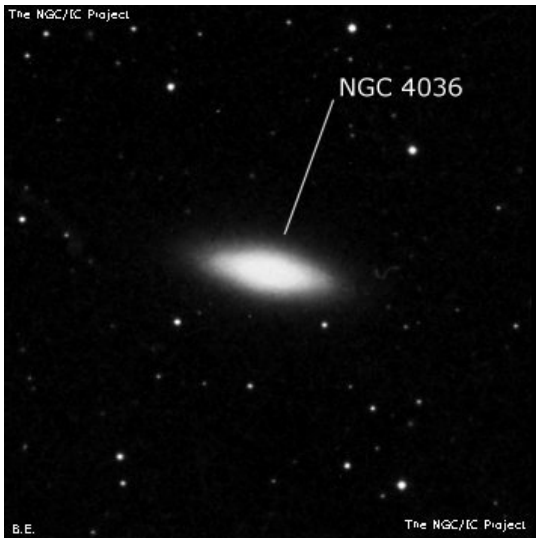




NGC4036

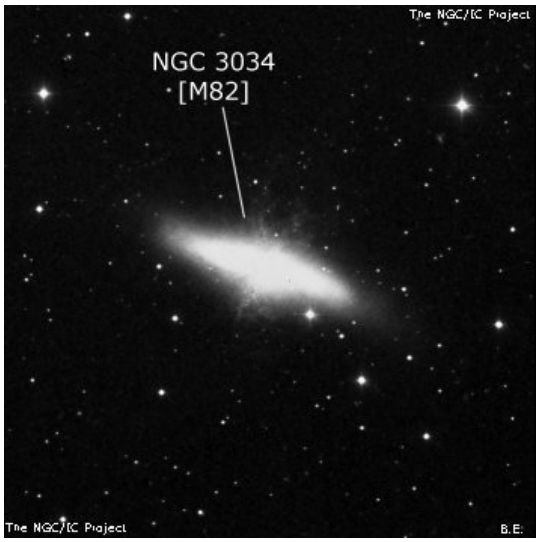
M	NGC4036	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.6	**Size**	2.1 x 0.8
RA	12h 01m	**Dec**	+61d 53m
Name			
Description	vB, vL, E		





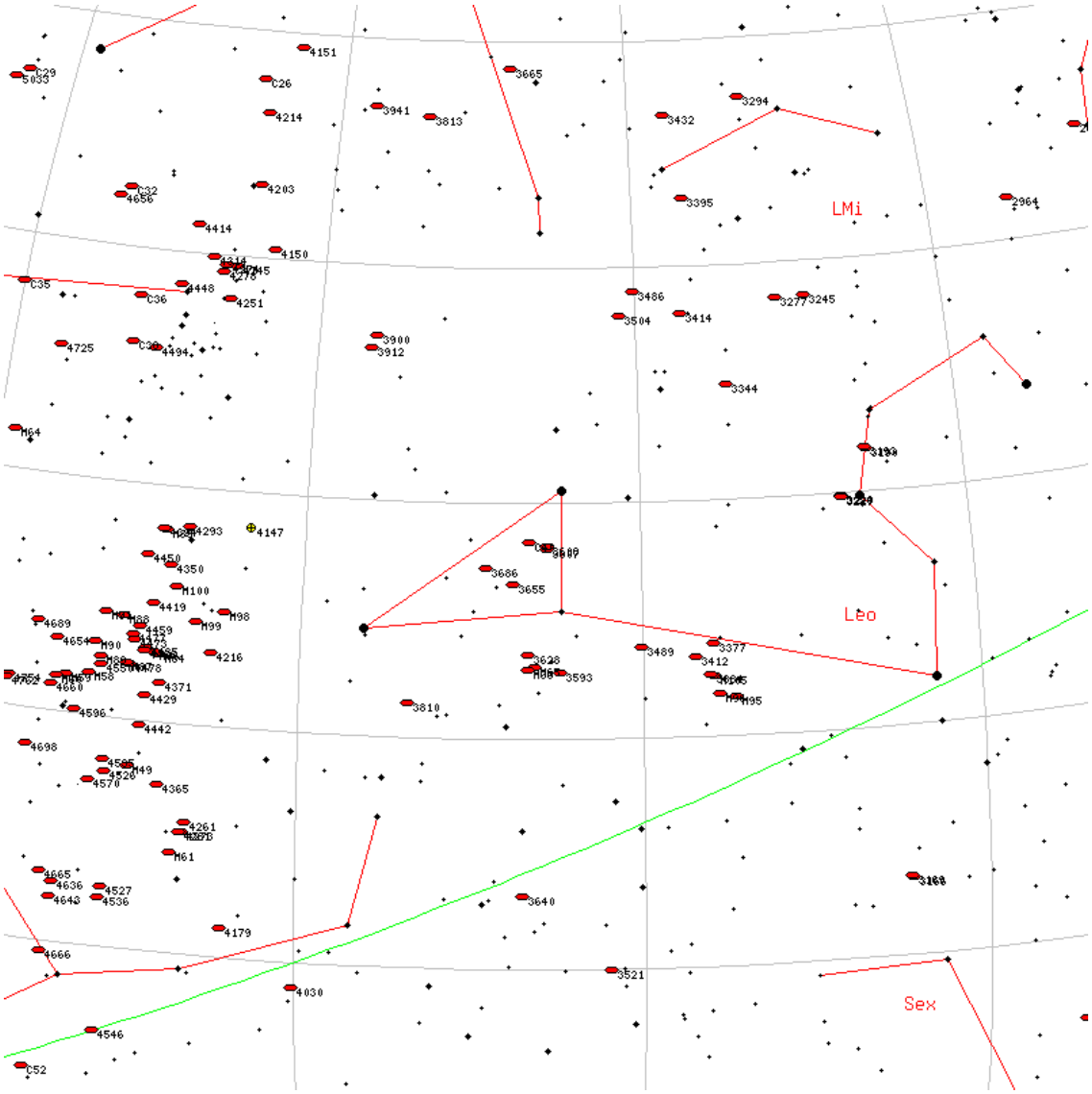
NGC3034

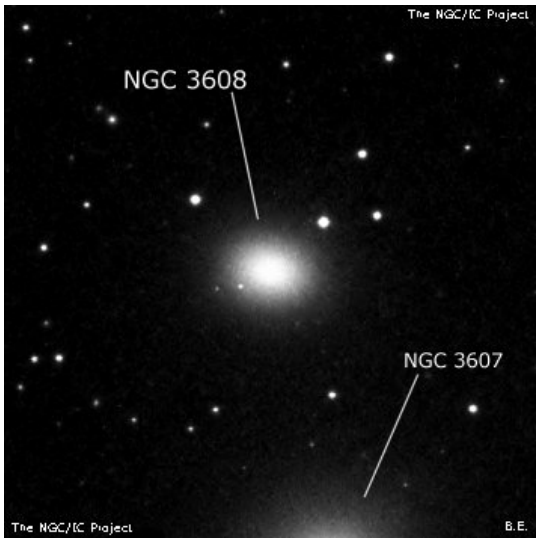
M	NGC3034	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	8.4	**Size**	5.6 x 2.1
RA	09h 55m	**Dec**	+69d 40m
Name	The Cigar Galaxy		
Description	vB, vL, vmE (ray)		



NGC3608

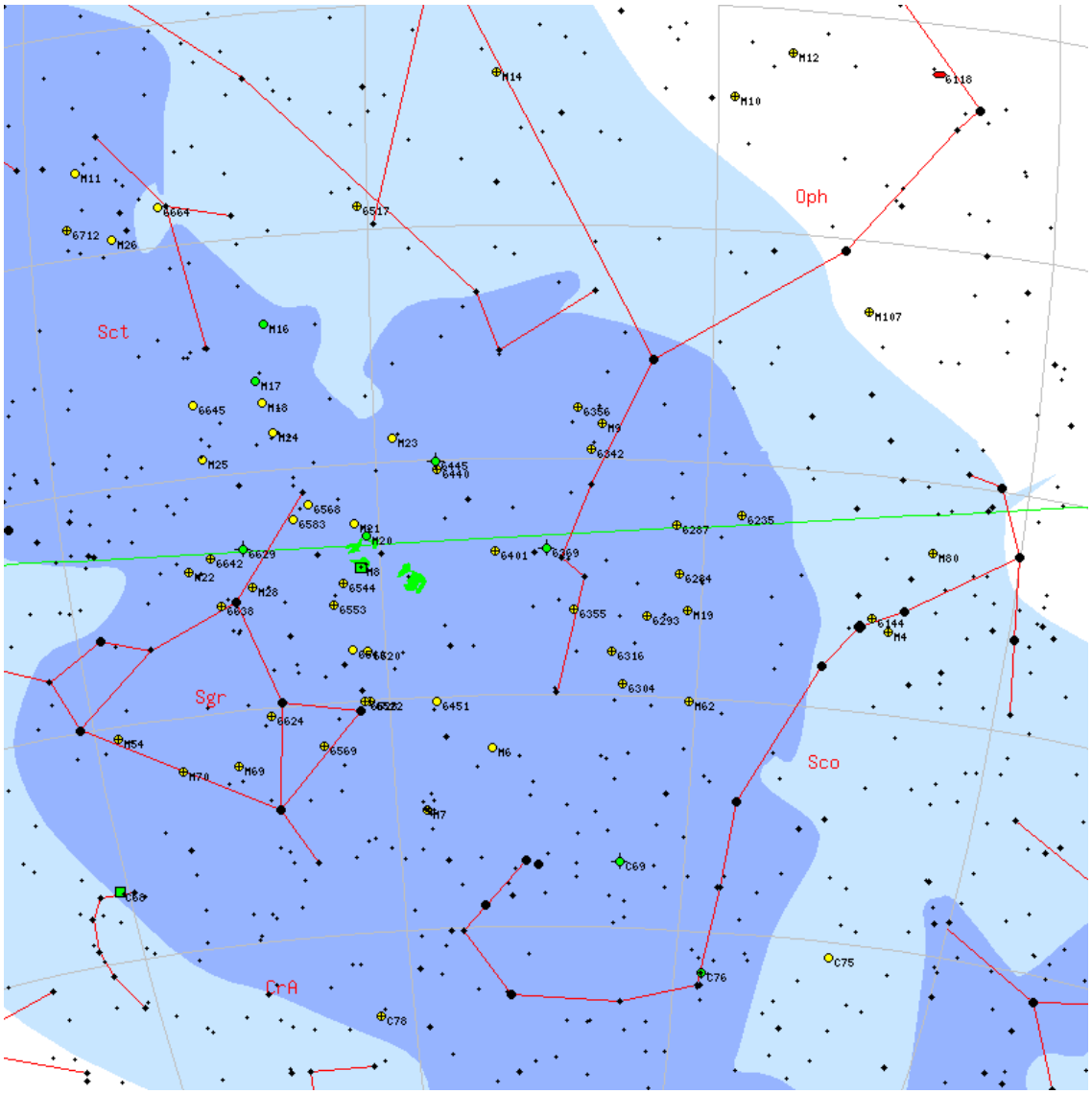
M	NGC3608	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	11	**Size**	1.6 x 1.3
RA	11h 16m	**Dec**	+18d 08m
Name			
Description	B, pL, R, psbM, 3rd of 3		

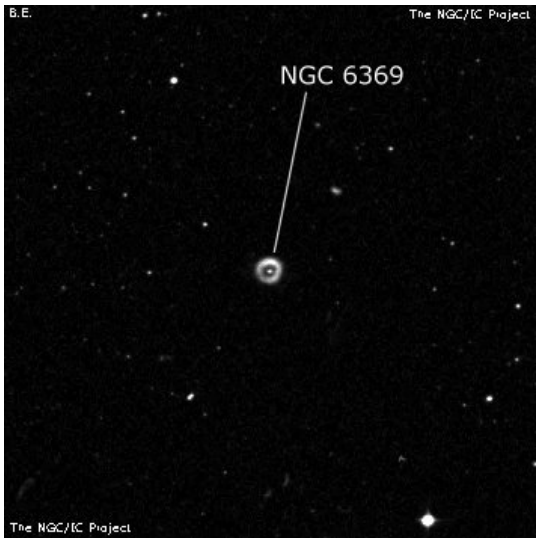




NGC6369

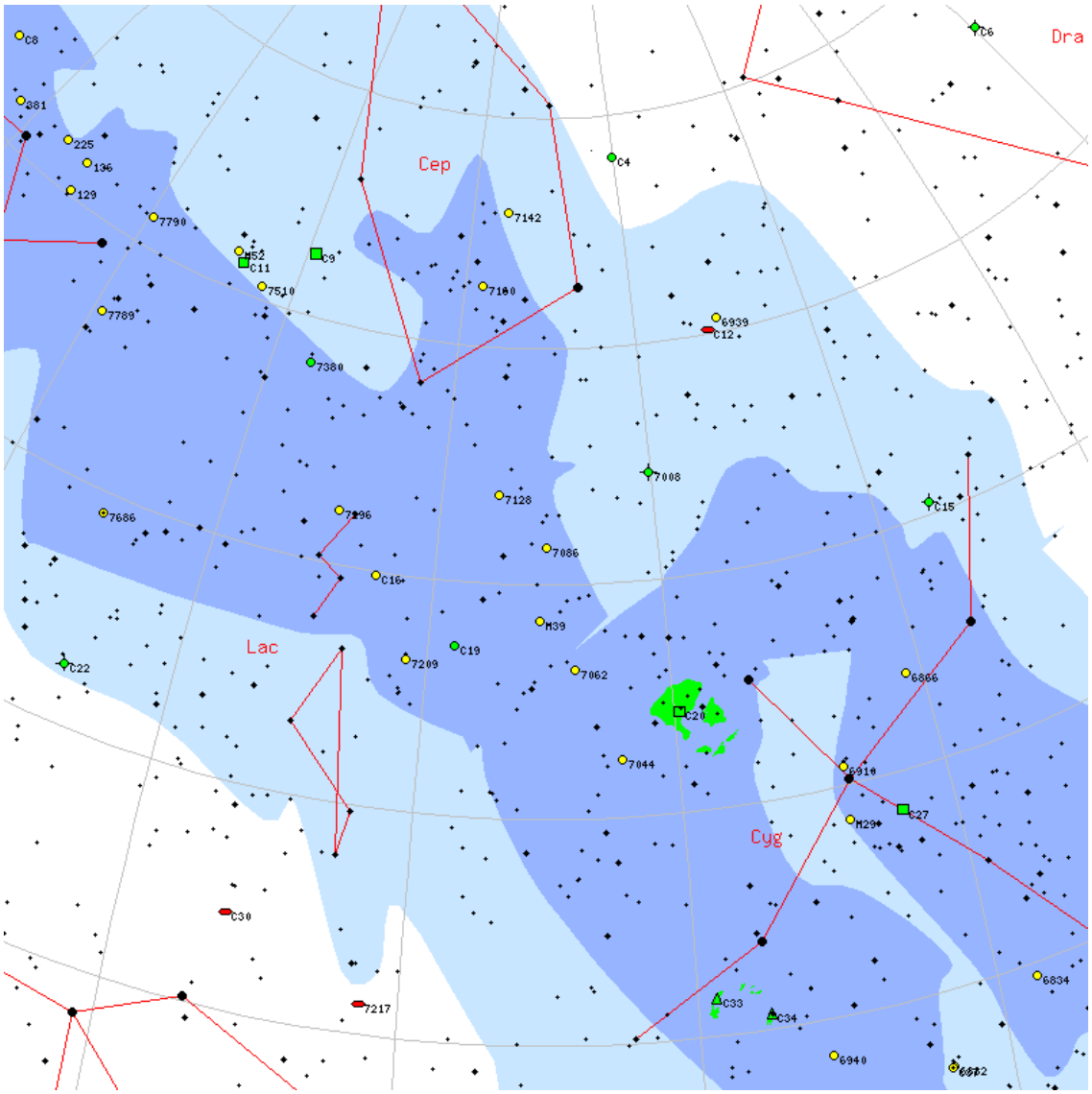
M	NGC6369	**ID**	-
Constellation	Oph	**Type**	Pl
Magnitude	13	**Size**	1.1 x 1.1
RA	17h 29m	**Dec**	-23d 46m
Name			
Description	!! ring , pB, S, R		





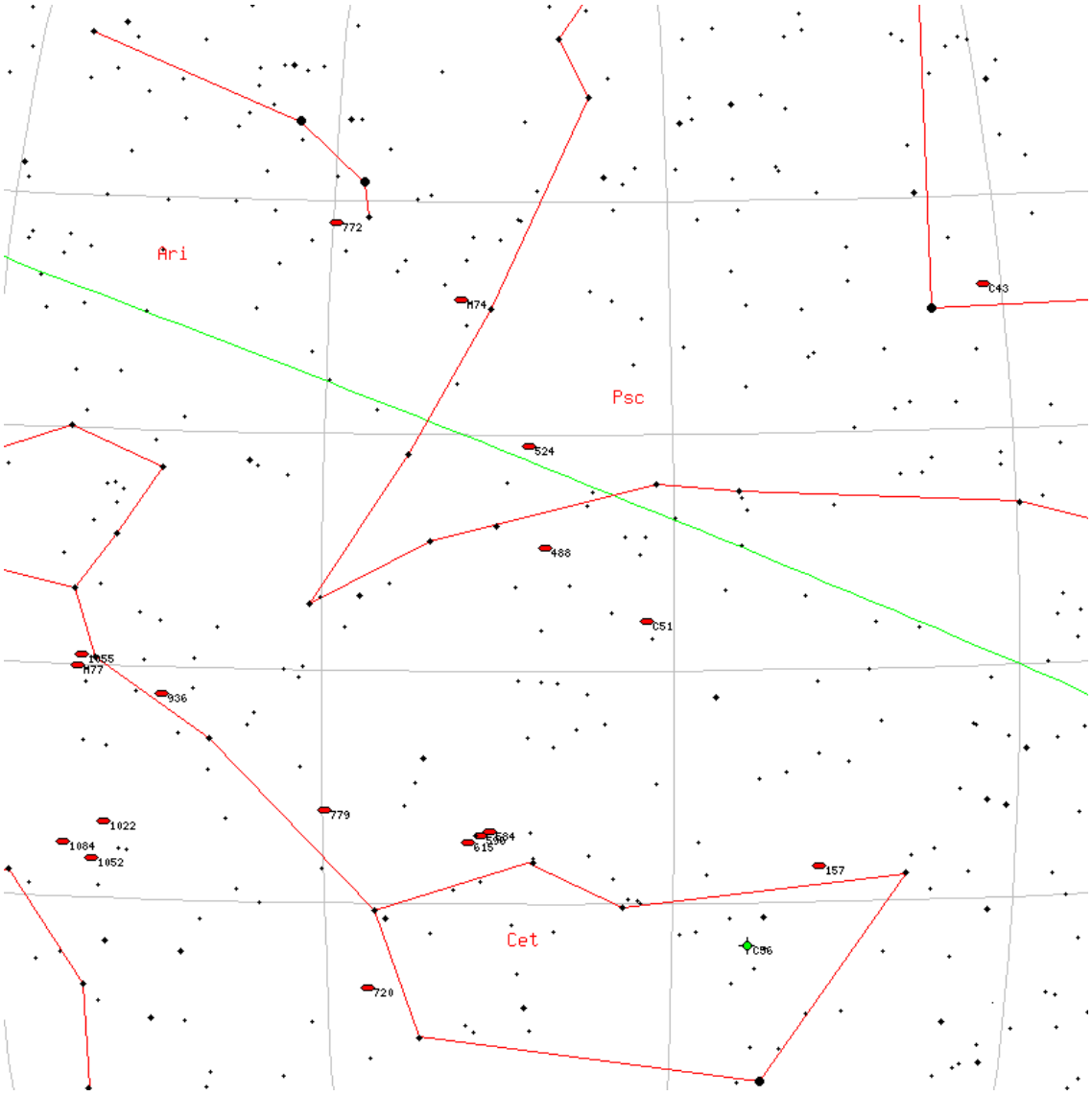
NGC7086

M	NGC7086	**ID**	-
Constellation	Cyg	**Type**	OC
Magnitude	8.4	**Size**	9 x 9
RA	21h 30m	**Dec**	+51d 34m
Name			
Description	Cl, cL, vRi, pC, st 11...16		



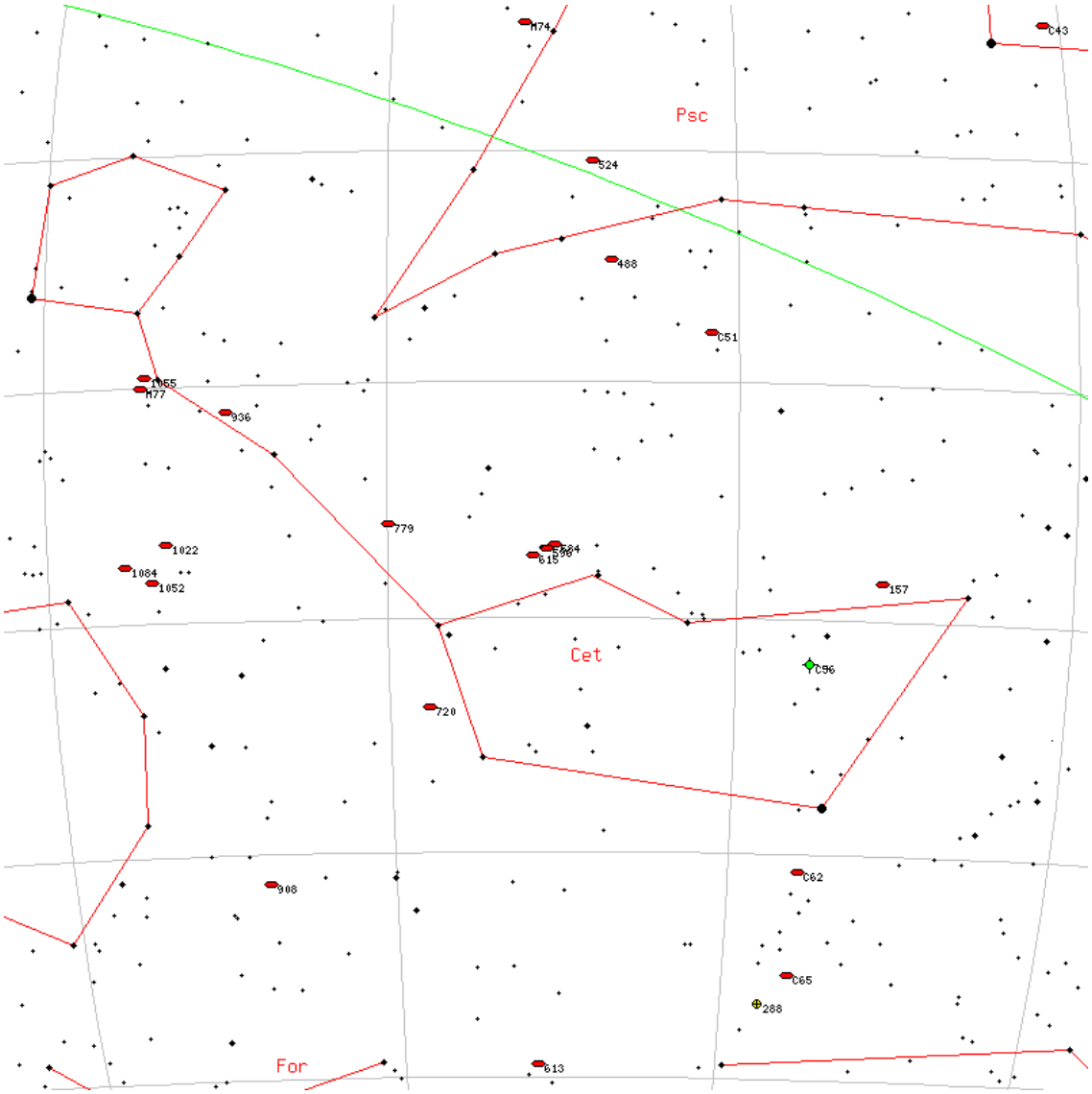
NGC488

M	NGC488	**ID**	-
Constellation	Psc	**Type**	Gx
Magnitude	10.3	**Size**	2.6 x 2
RA	01h 21m	**Dec**	+05d 15m
Name			
Description	pB, L, R, svmbM, *8 f 10'		



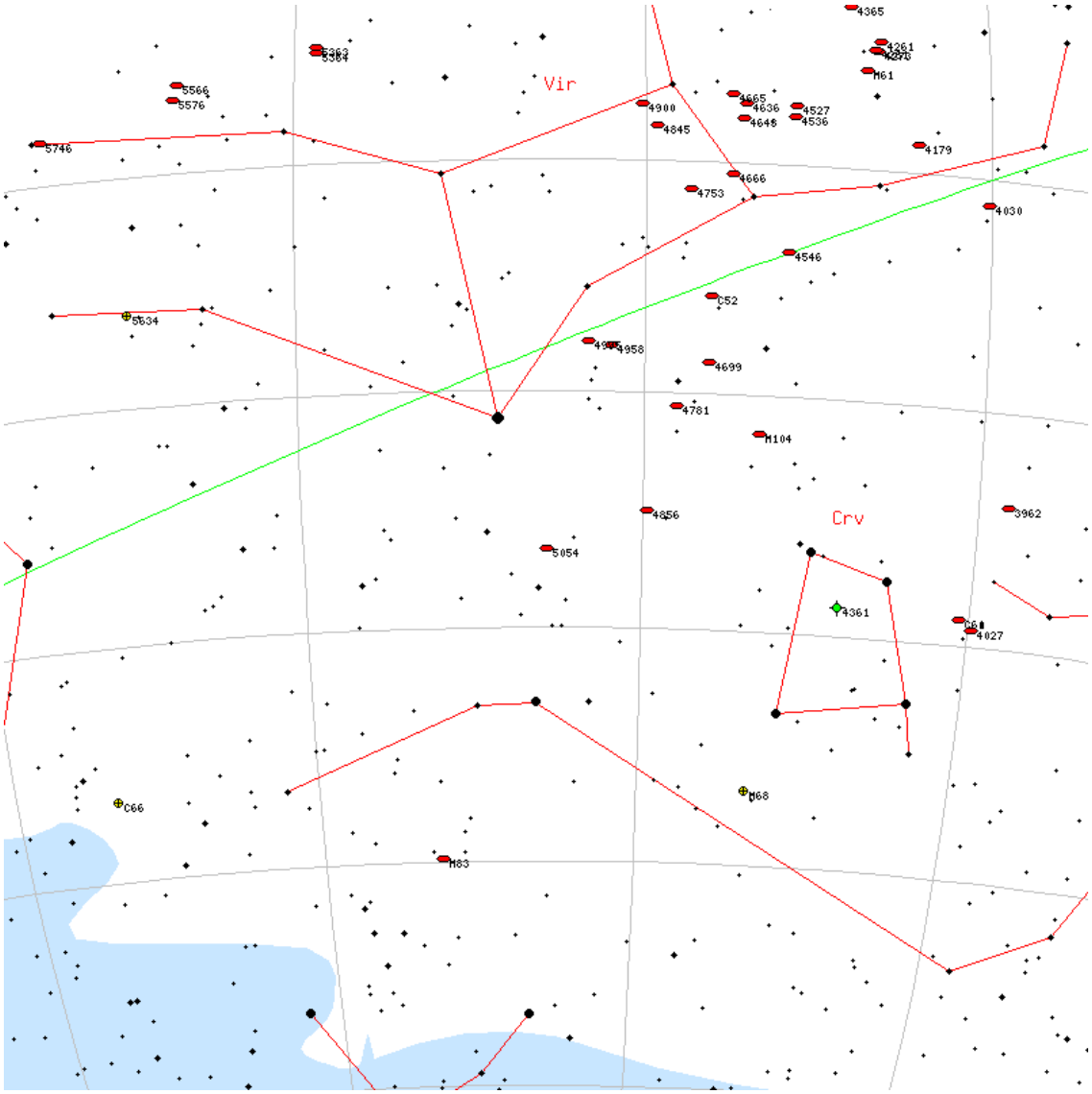
NGC596

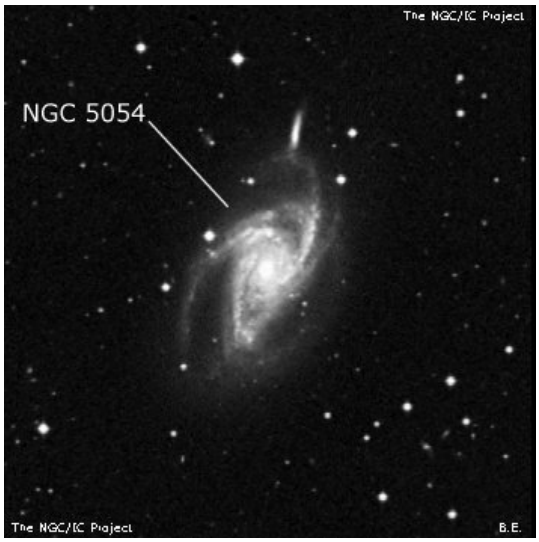
M	NGC596	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	10.9	**Size**	1.6 x 1
RA	01h 32m	**Dec**	-07d 01m
Name			
Description	pB, R, bM, R, *6 f 12'		



NGC5054

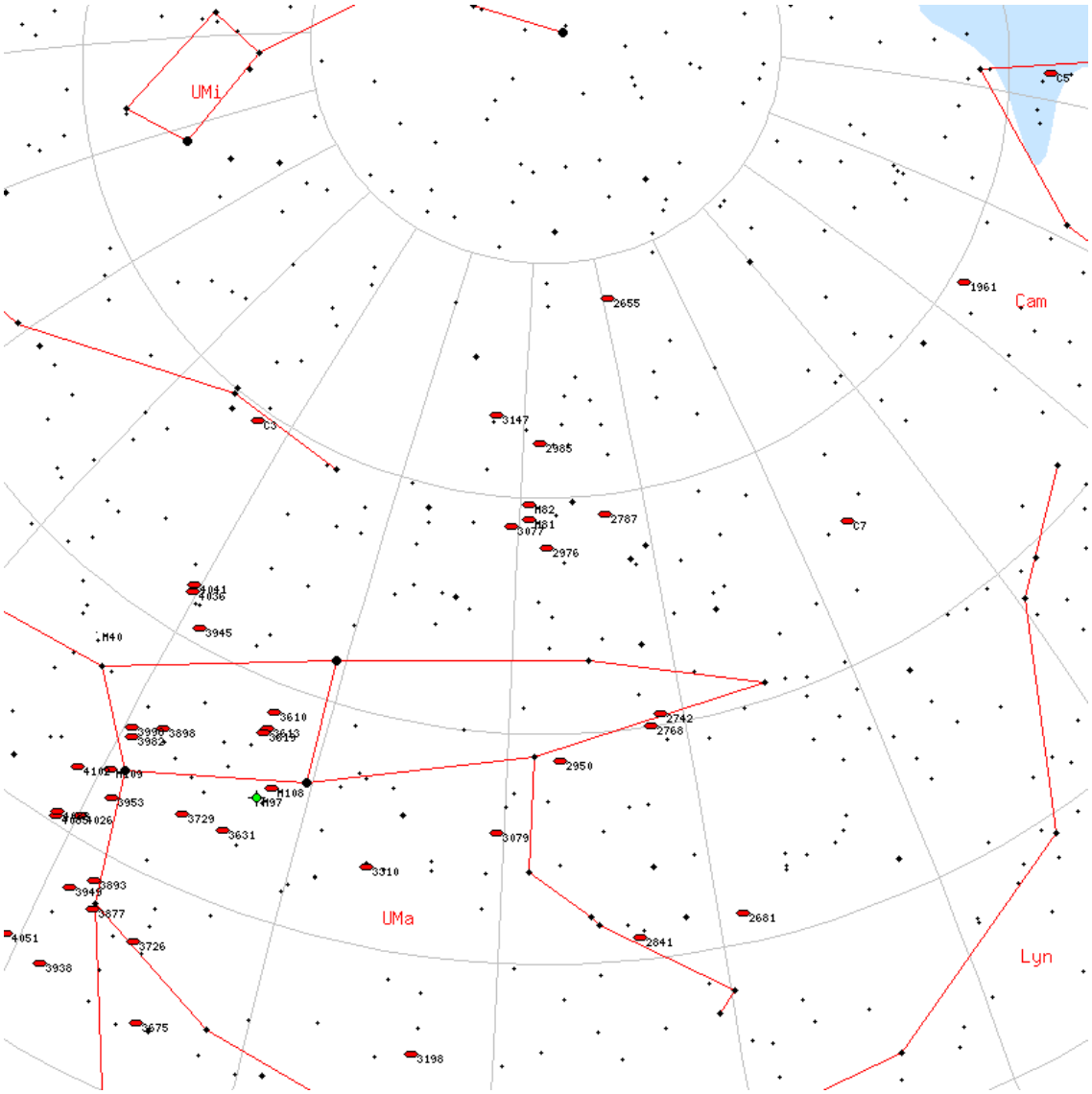
M	NGC5054	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11	**Size**	2.6 x 1.5
RA	13h 16m	**Dec**	-16d 37m
Name			
Description	F, pS, iR		

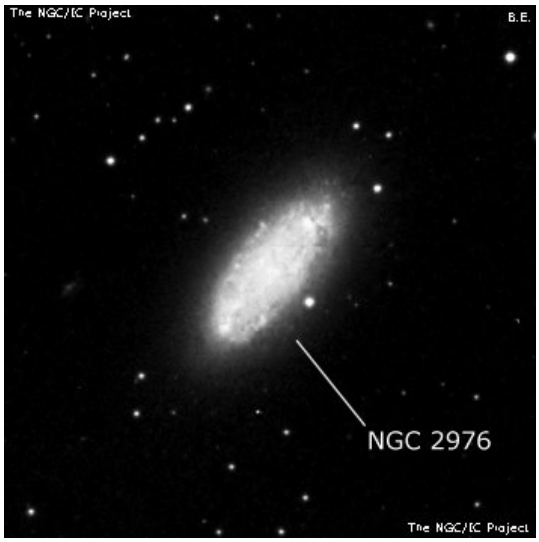




NGC2976

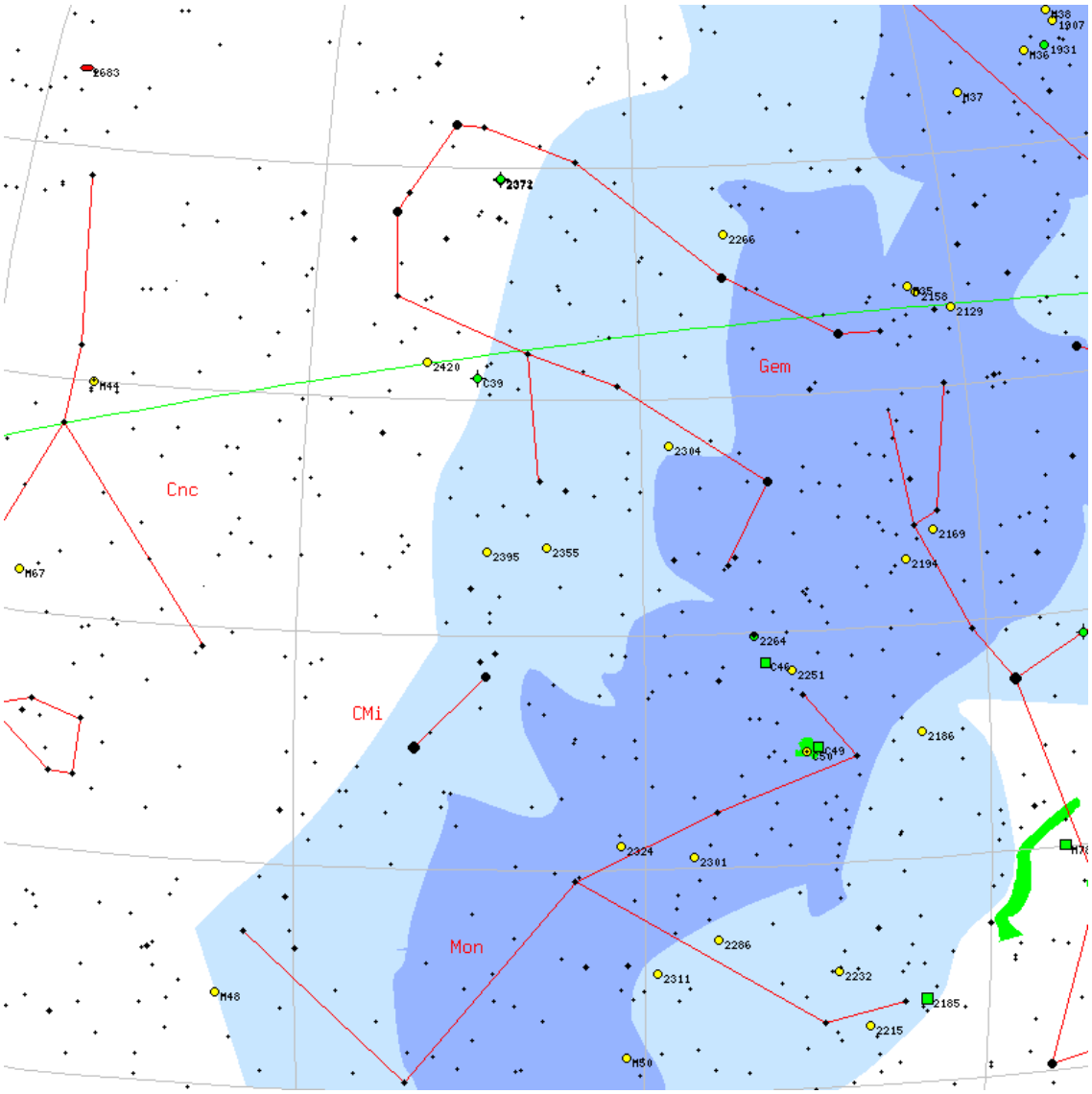
M	NGC2976	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.2	**Size**	2.9 x 1.4
RA	09h 47m	**Dec**	+67d 55m
Name			
Description	B, vL, mE 152deg , st inv		

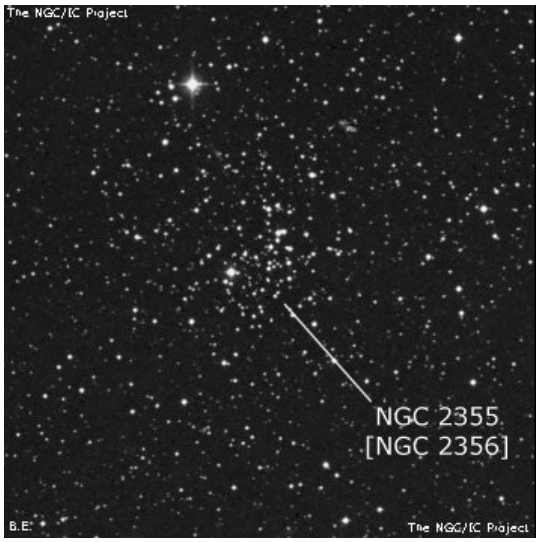




NGC2355

M	NGC2355	**ID**	-
Constellation	Gem	**Type**	OC
Magnitude	10	**Size**	9 x 9
RA	07h 16m	**Dec**	+13d 46m
Name			
Description	Cl, pS, pRi, mC, st 15...16		



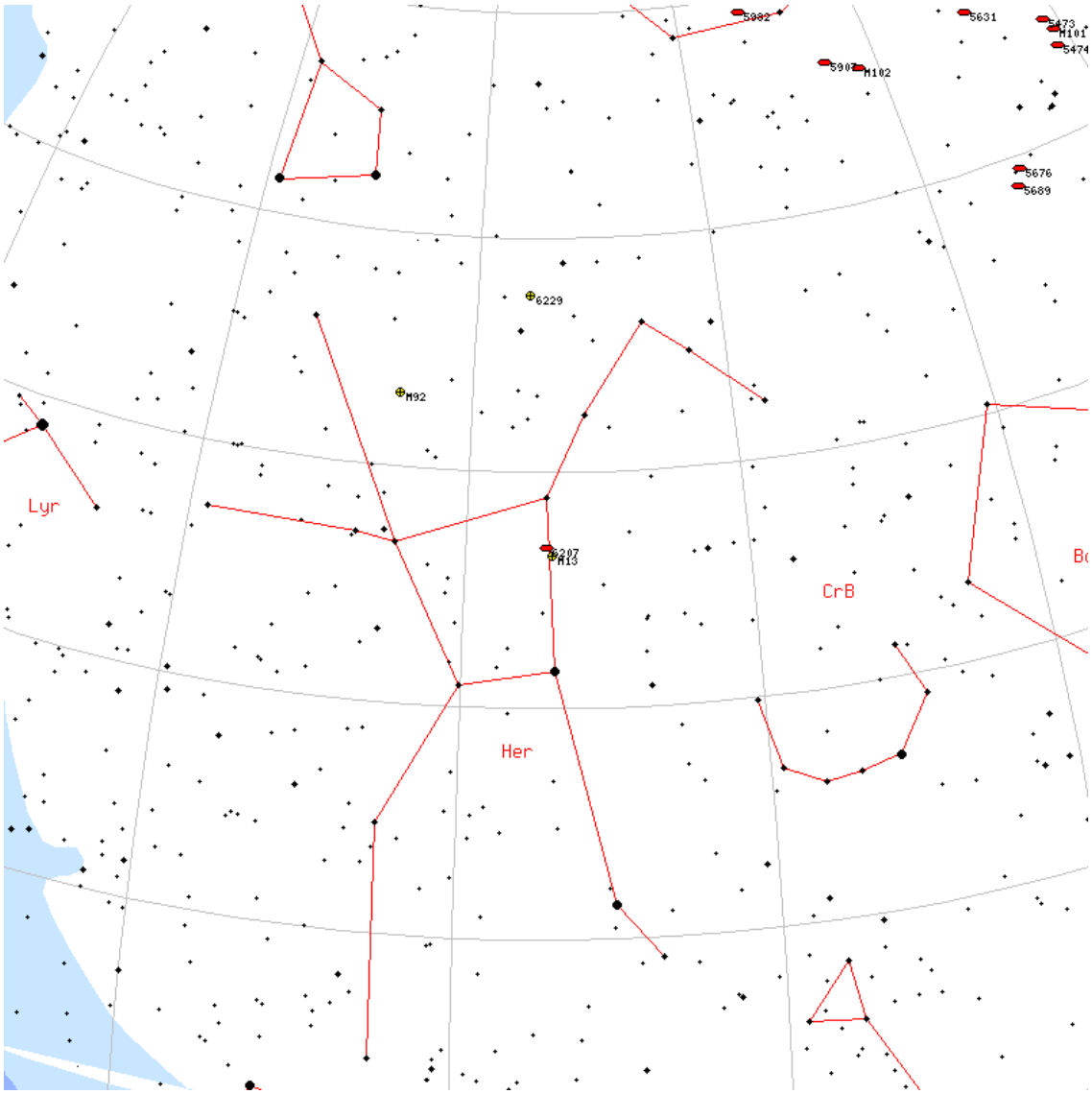


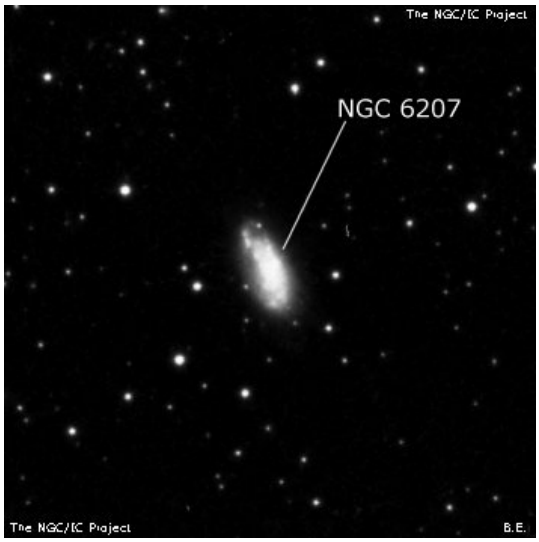
NGC246

M	NGC246	**ID**	-
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		

NGC6207

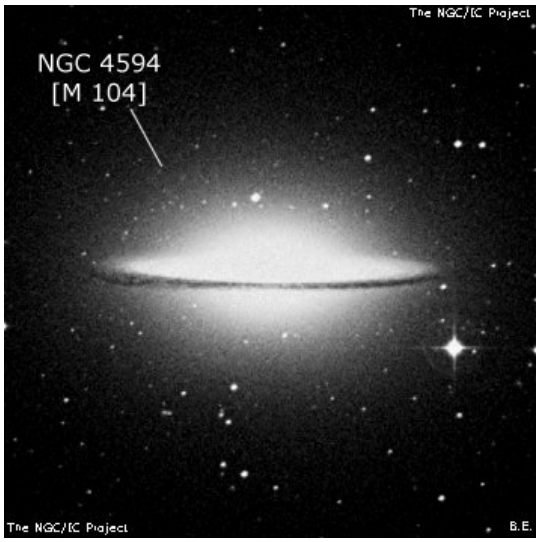
M	NGC6207	**ID**	-
Constellation	Her	**Type**	Gx
Magnitude	11.6	**Size**	1.5 x 0.6
RA	16h 43m	**Dec**	+36d 49m
Name			
Description	pB, pL, E 45deg +/- , vgmbM		





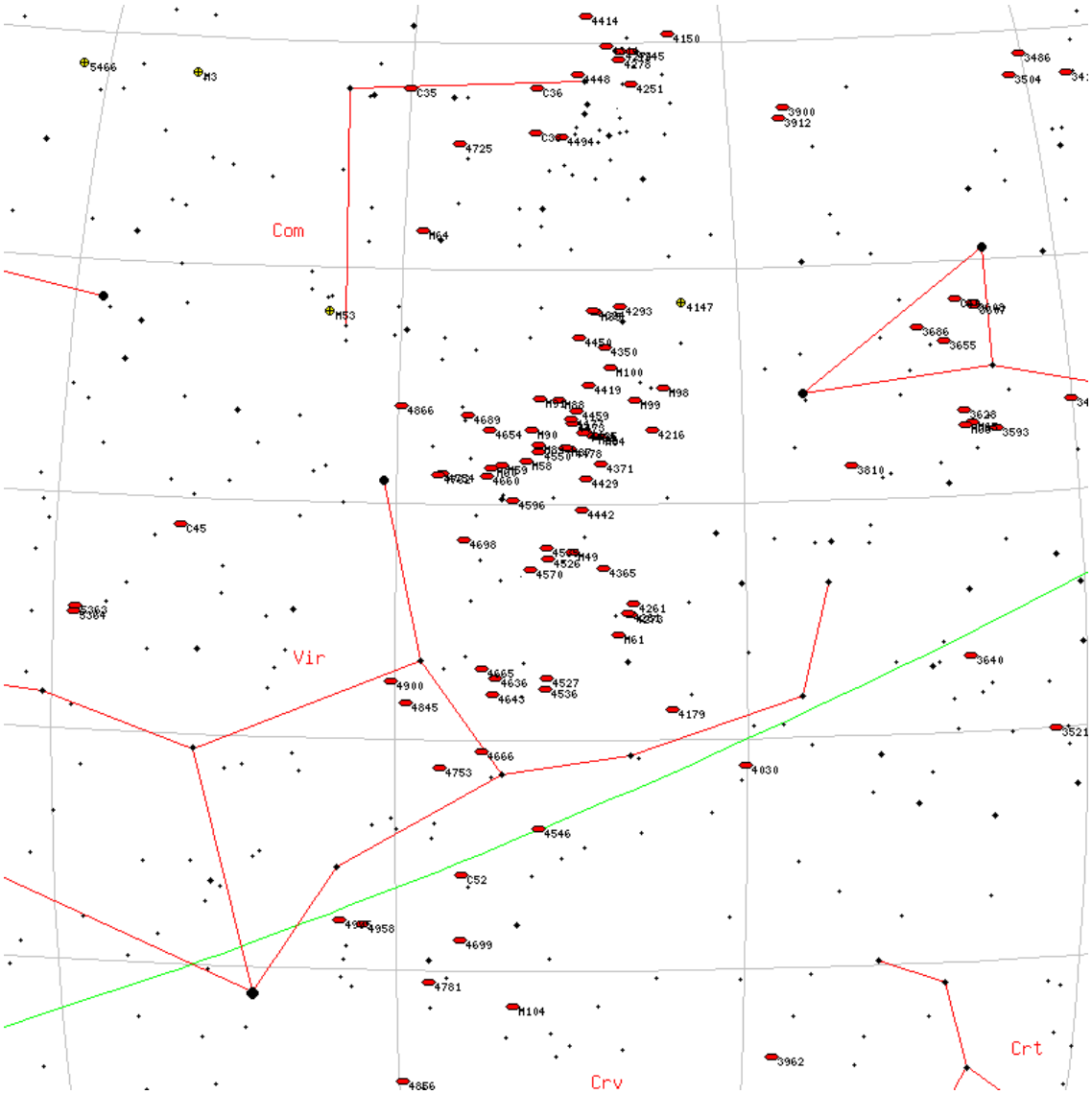
NGC4594

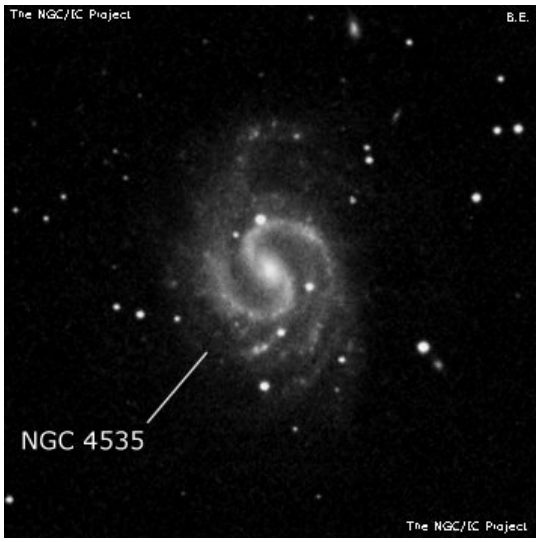
M	NGC4594	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	8.3	**Size**	4.3 x 1.8
RA	12h 40m	**Dec**	-11d 37m
Name	Sombrero Galaxy		
Description	!, vB, vL, eE 92deg , vsmbMN		



NGC4535

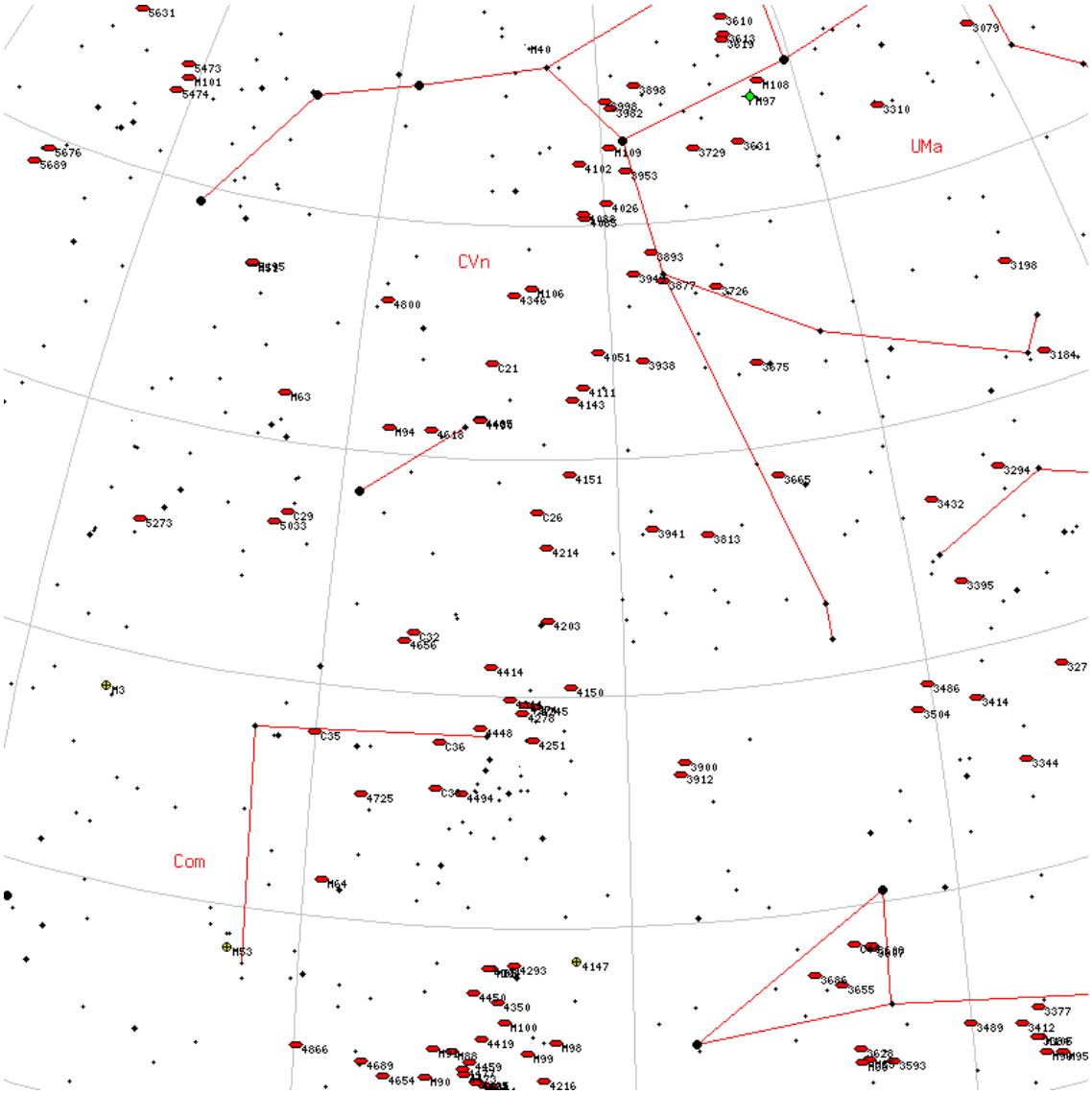
M	NGC4535	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	9.8	**Size**	3.5 x 2.5
RA	12h 34m	**Dec**	+08d 11m
Name			
Description	pF, vL, r, spiral neb		

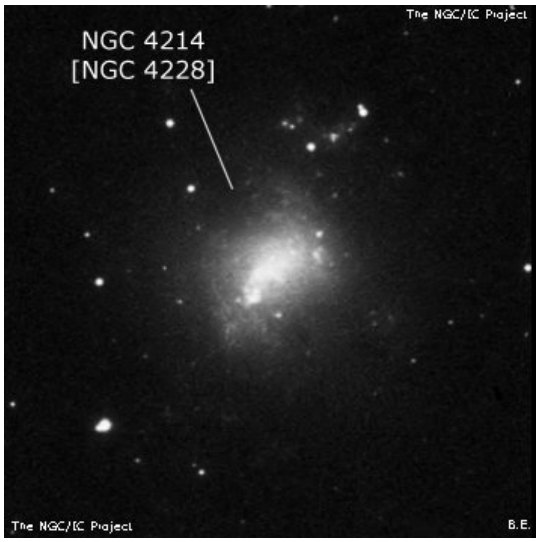




NGC4214

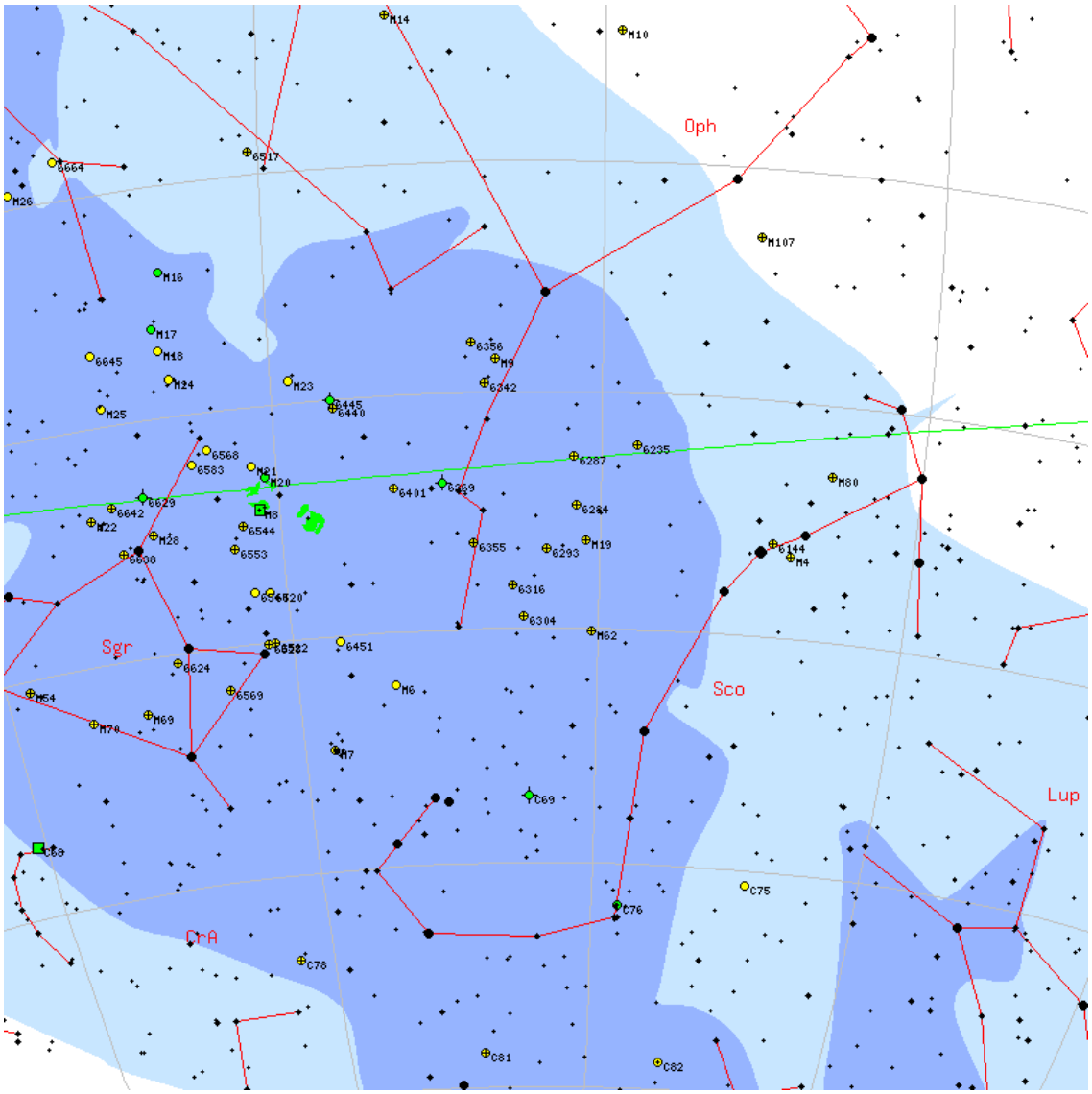
M	NGC4214	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	9.7	**Size**	7.9 x 7.9
RA	12h 15m	**Dec**	+36d 19m
Name			
Description	cB, cL, iE, biN		





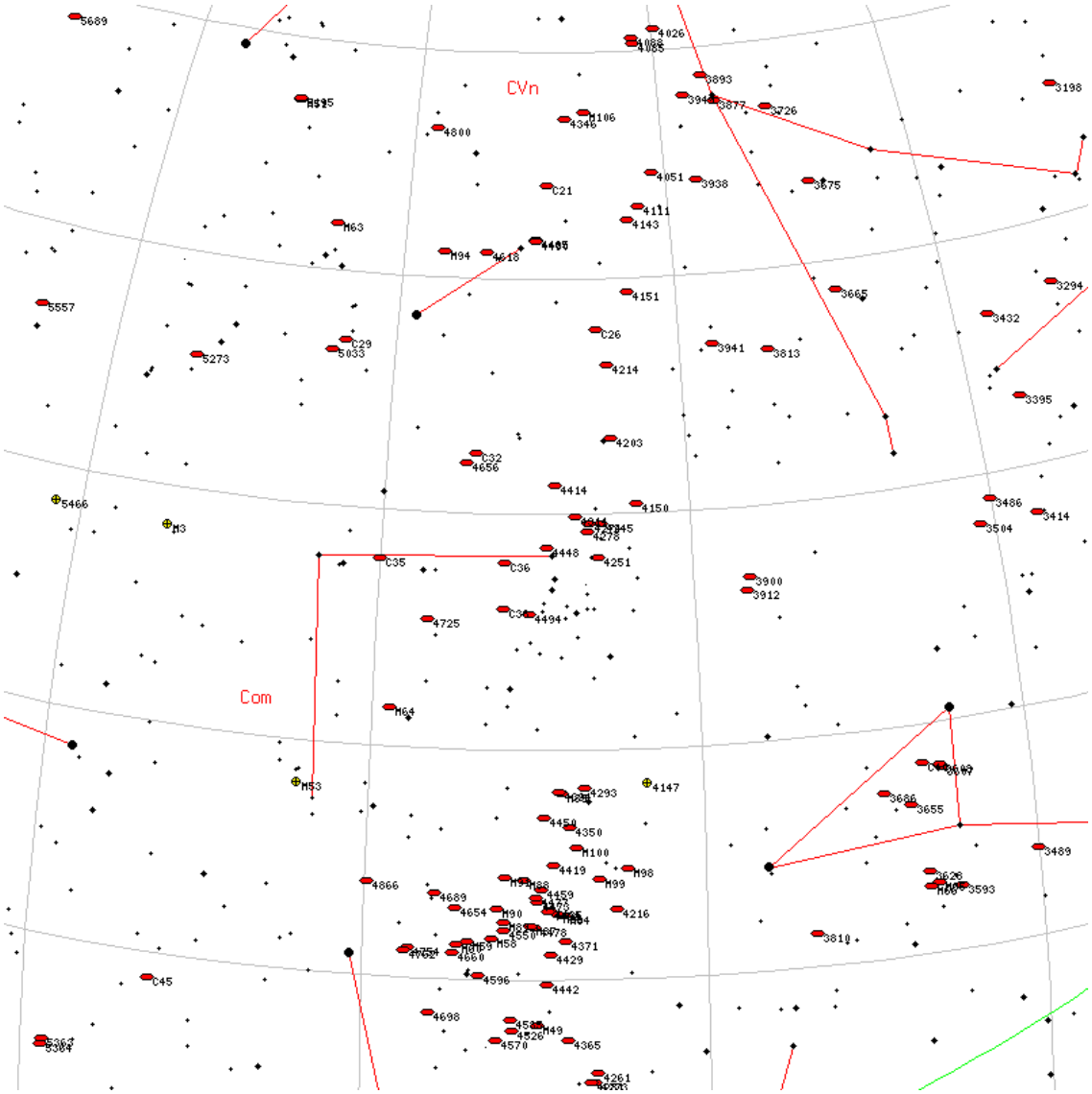
NGC6293

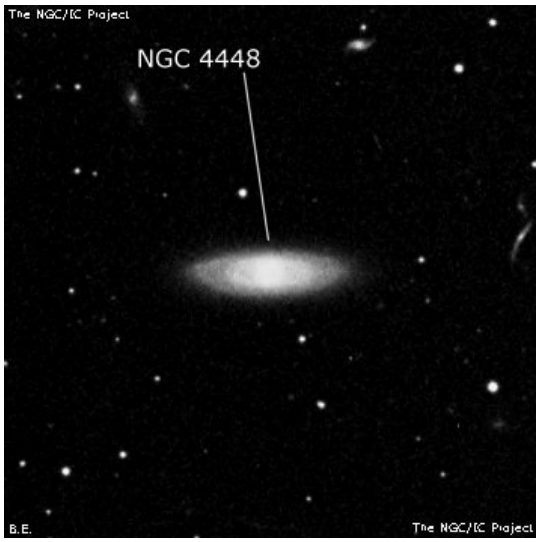
M	NGC6293	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	8.2	**Size**	7.9 x 7.9
RA	17h 10m	**Dec**	-26d 34m
Name			
Description	glob. cl. , vB, L, R, psbM, rrr, st 16		



NGC4448

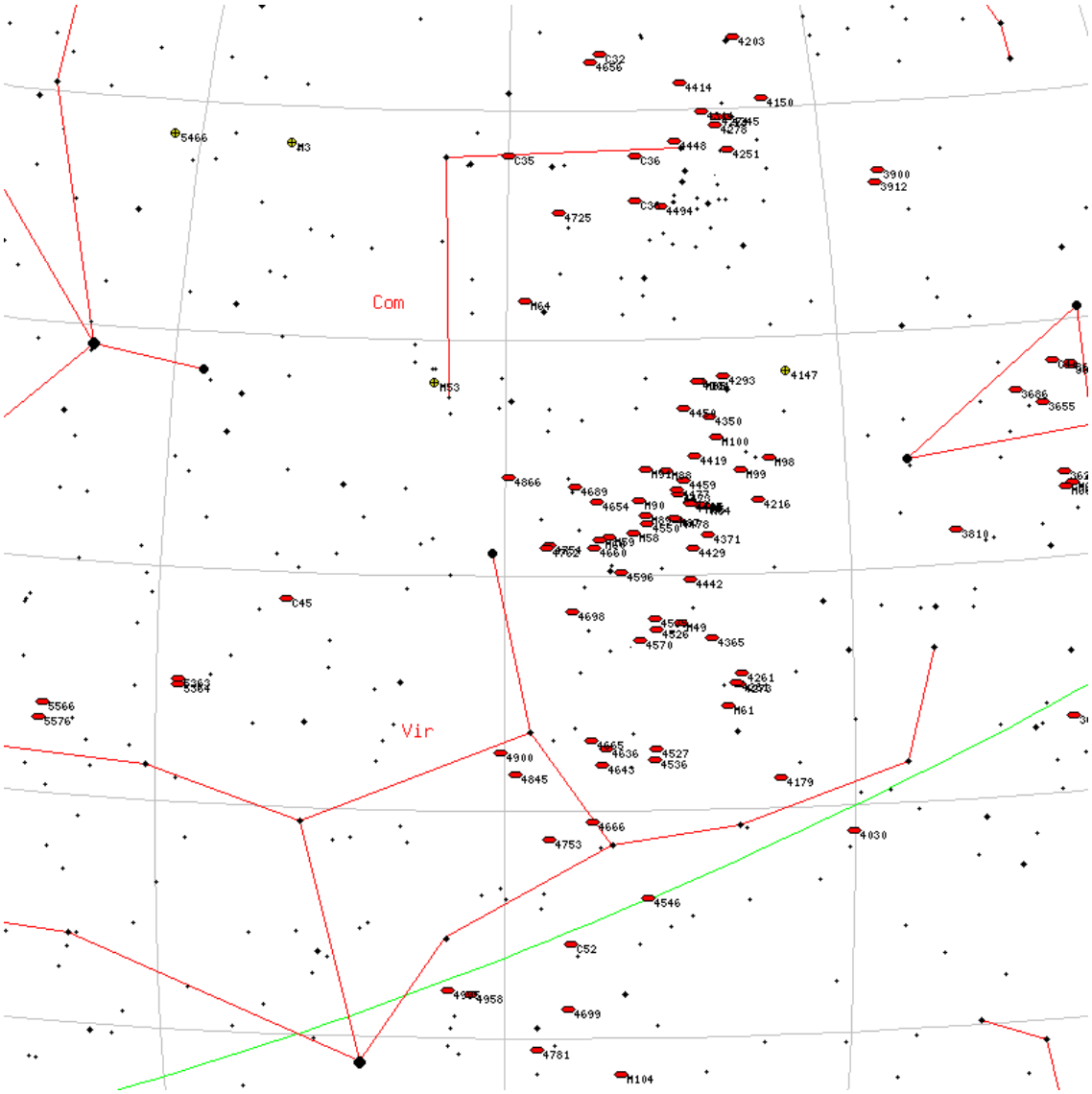
M	NGC4448	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	11.1	**Size**	2 x 0.7
RA	12h 28m	**Dec**	+28d 37m
Name			
Description	B, L, E 90deg , sbM		

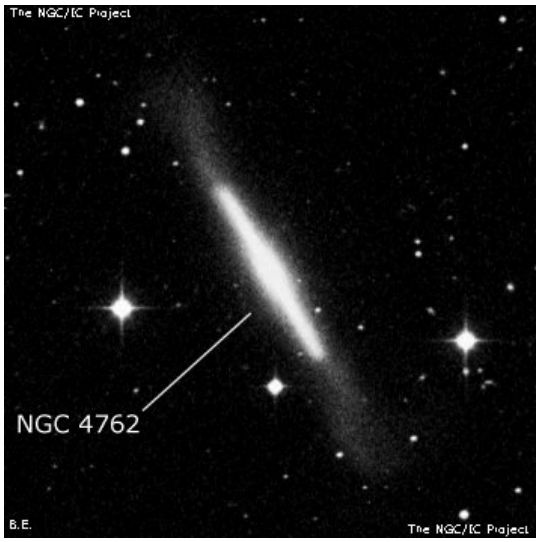




NGC4762

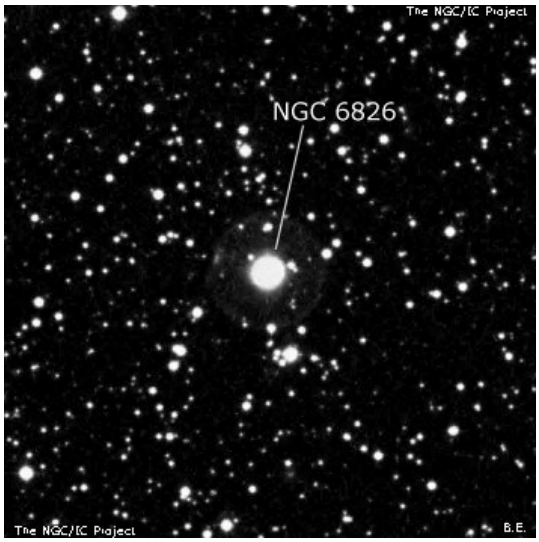
M	NGC4762	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.2	**Size**	4.3 x 0.8
RA	12h 52m	**Dec**	+11d 13m
Name			
Description	pB, vmE 31deg , 3 B st s, f of 2		





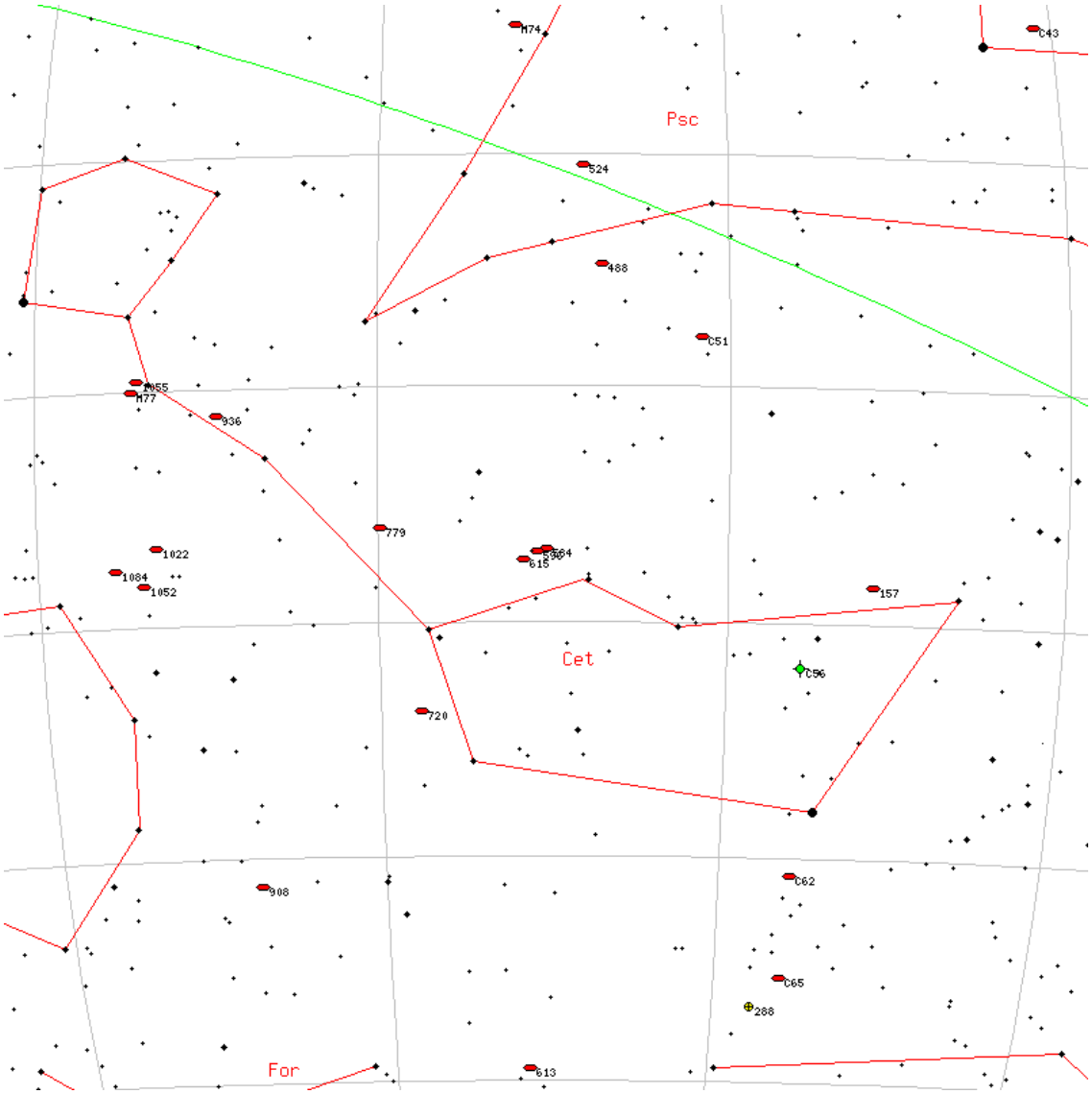
NGC6826

M	NGC6826	**ID**	-
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		



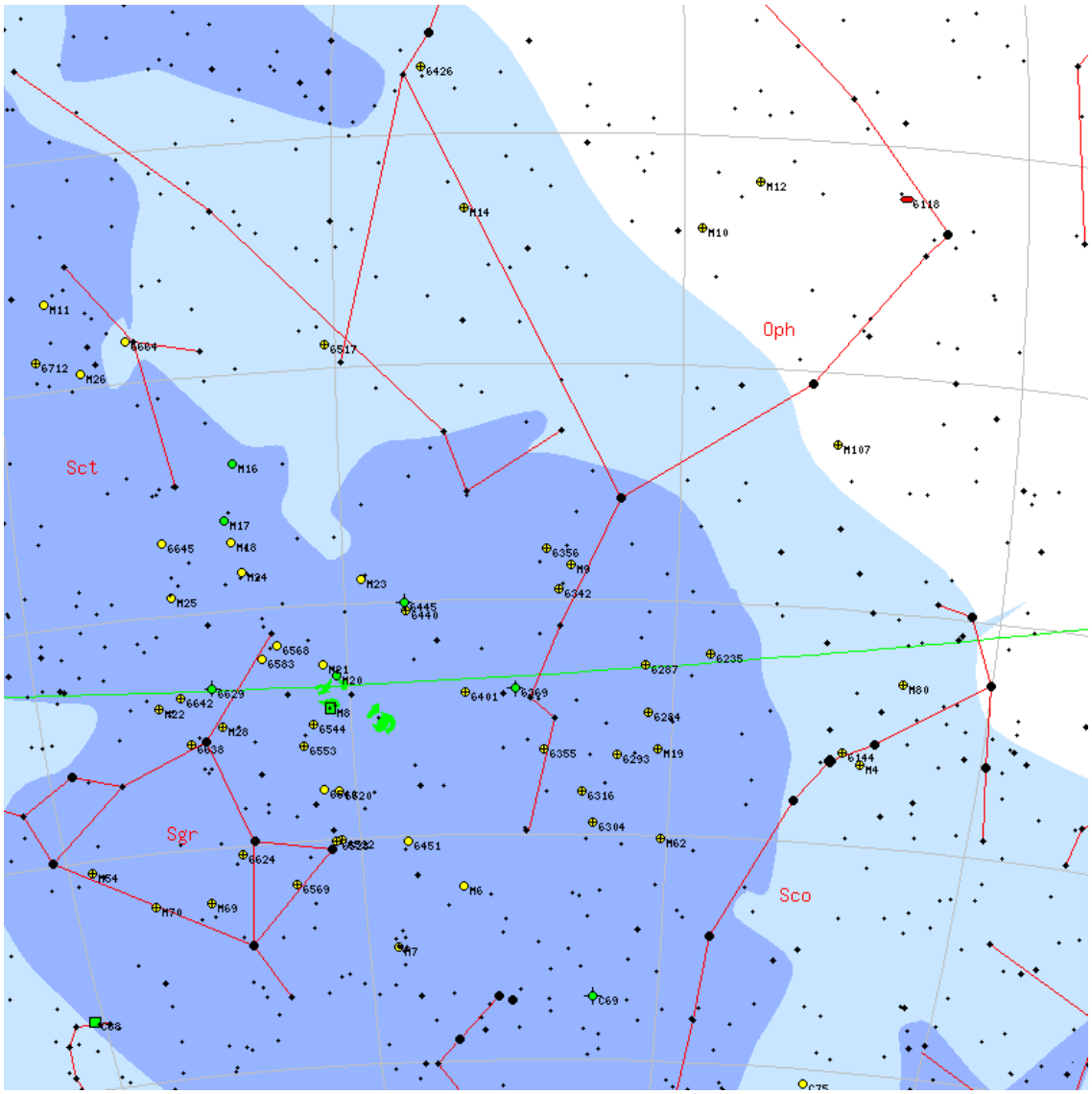
NGC584

M	NGC584	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	10.4	**Size**	2.1 x 1.1
RA	01h 31m	**Dec**	-06d 52m
Name			
Description	vB, pL, R, mbM, p of 2; = IC 1712		



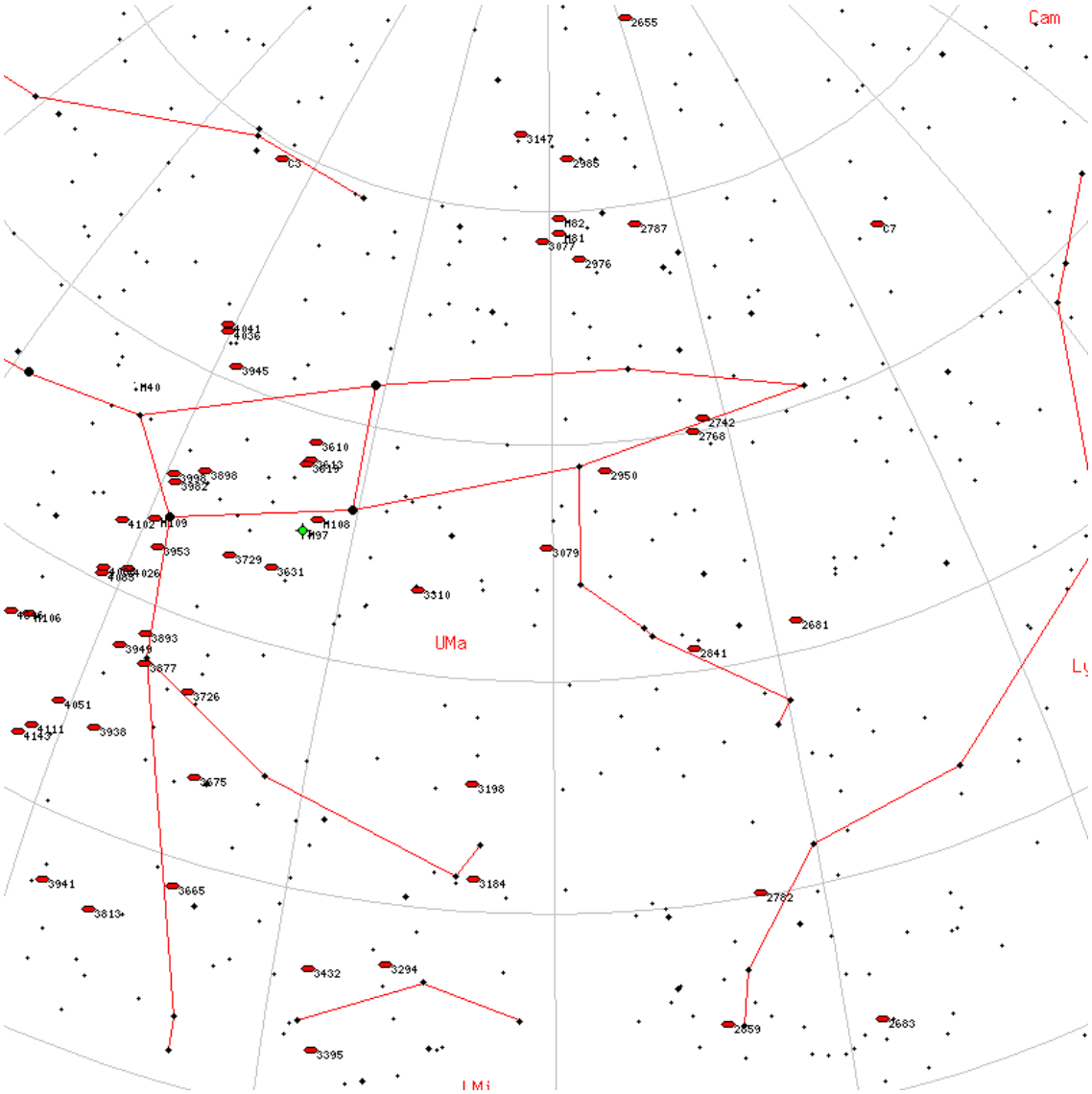
NGC6356

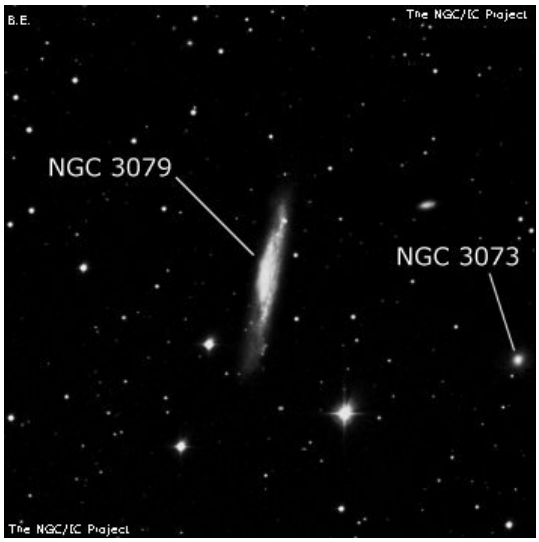
M	NGC6356	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	8.4	**Size**	7.2 x 7.2
RA	17h 23m	**Dec**	-17d 49m
Name			
Description	glob. cl. , vB, cL, vgvmbM, rrr, st 20		



NGC3079

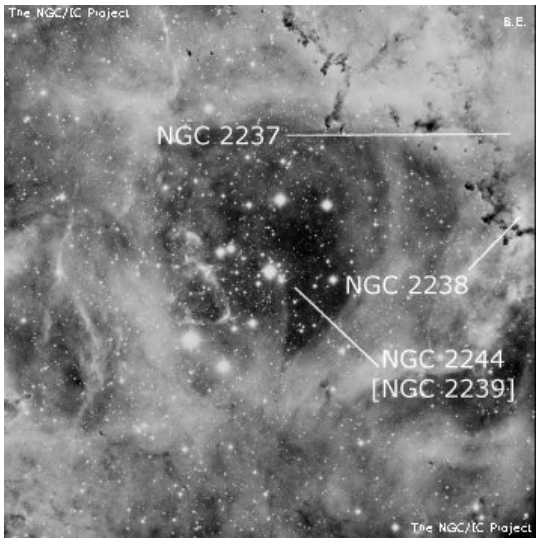
M	NGC3079	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.6	**Size**	4 x 0.7
RA	10h 01m	**Dec**	+55d 40m
Name			
Description	vB, L, mE 135deg		





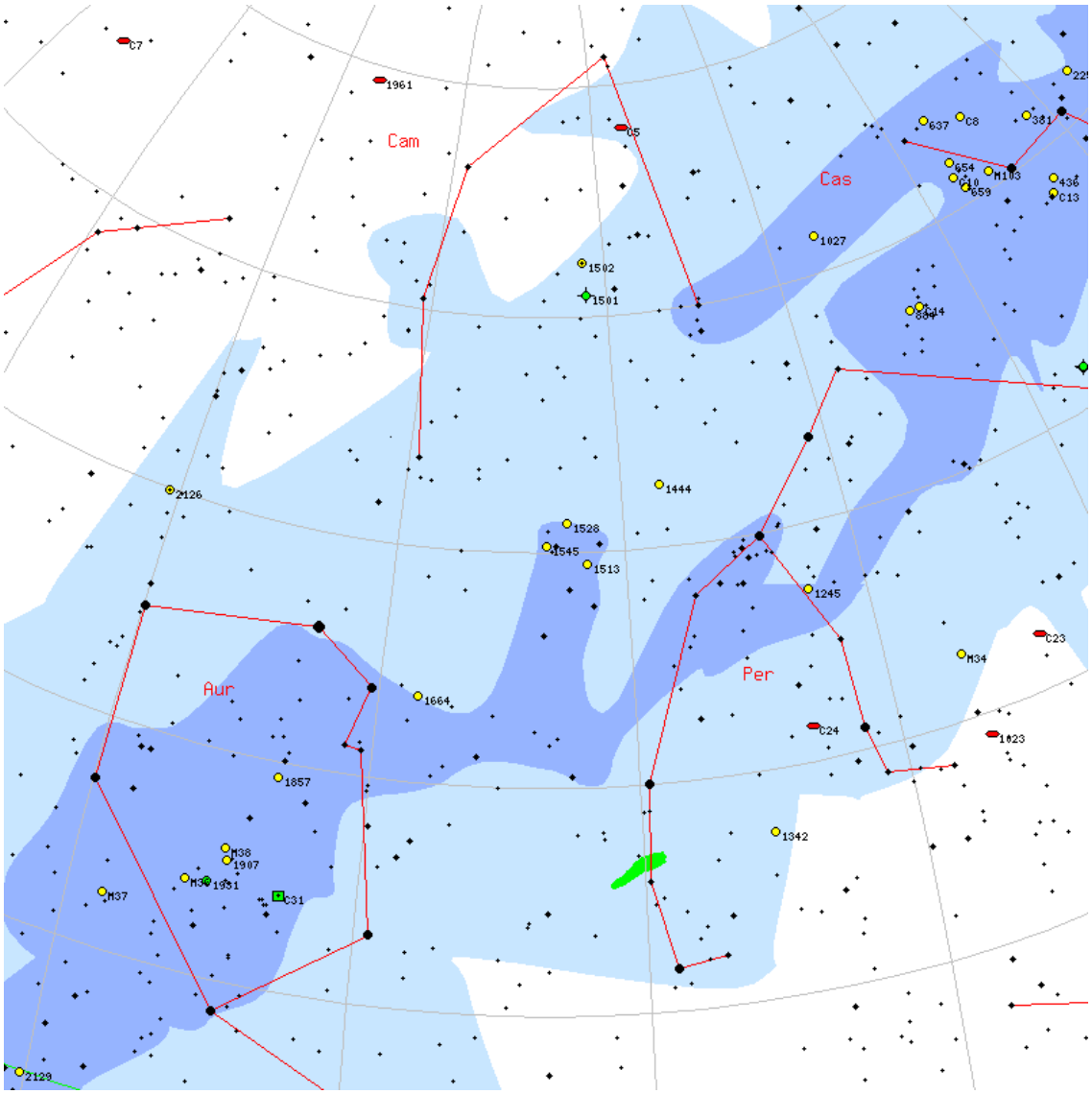
NGC2244

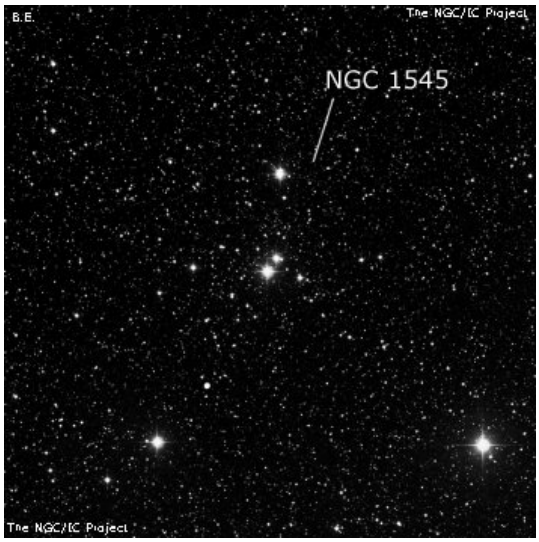
M	NGC2244	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	4.8	**Size**	24 x 24
RA	06h 32m	**Dec**	+04d 52m
Name	Rosette Nebula		
Description	Cl, beautiful, st sc (12 Mon)		



NGC1545

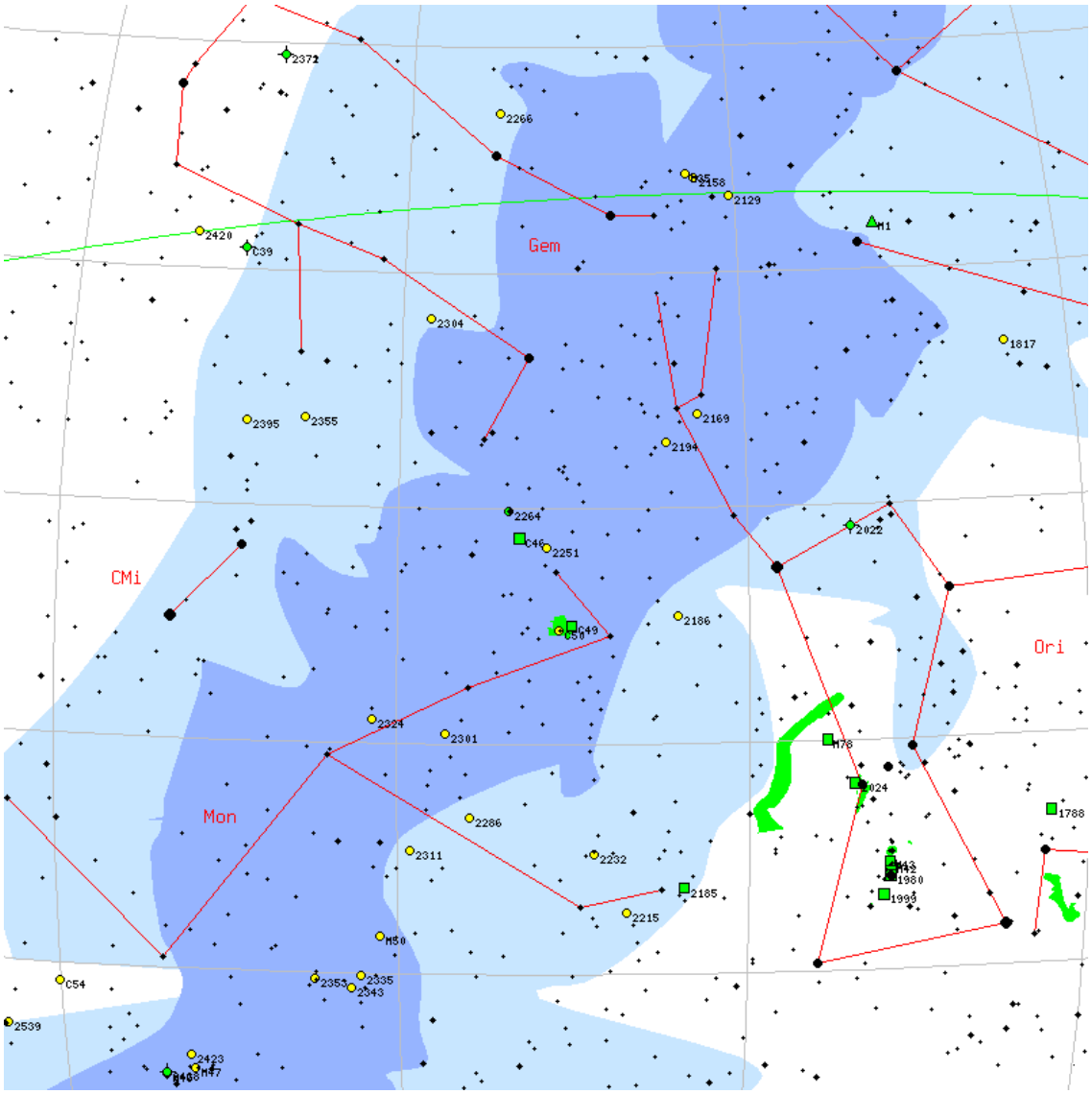
M	NGC1545	**ID**	-
Constellation	Per	**Type**	OC
Magnitude	6.2	**Size**	18 x 18
RA	04h 20m	**Dec**	+50d 15m
Name			
Description	Cl, pRi, IC, st L		





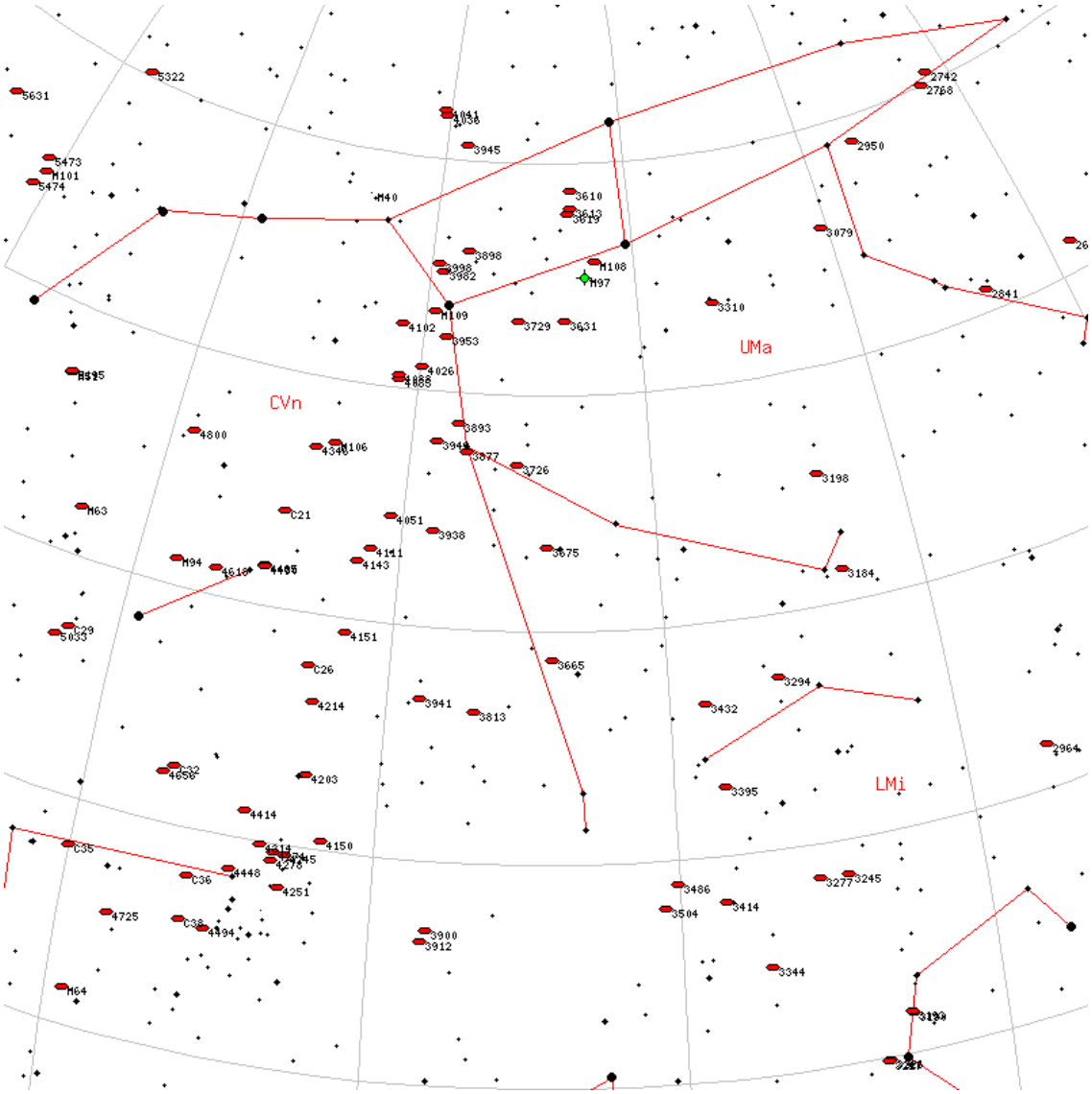
NGC2251

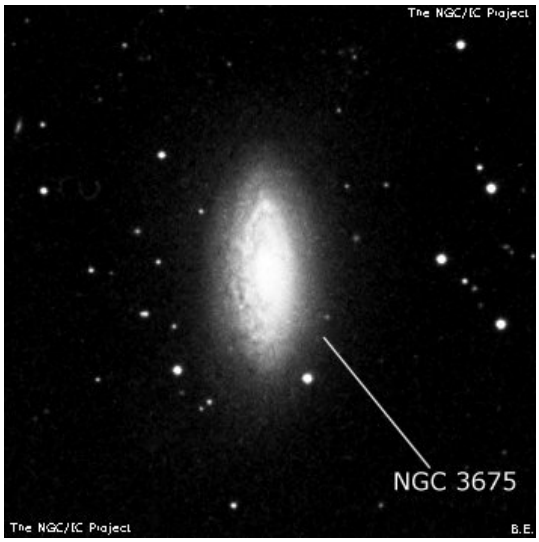
M	NGC2251	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	7.3	**Size**	10 x 10
RA	06h 34m	**Dec**	+08d 22m
Name			
Description	Cl, vL, E, Ri, IC		



NGC3675

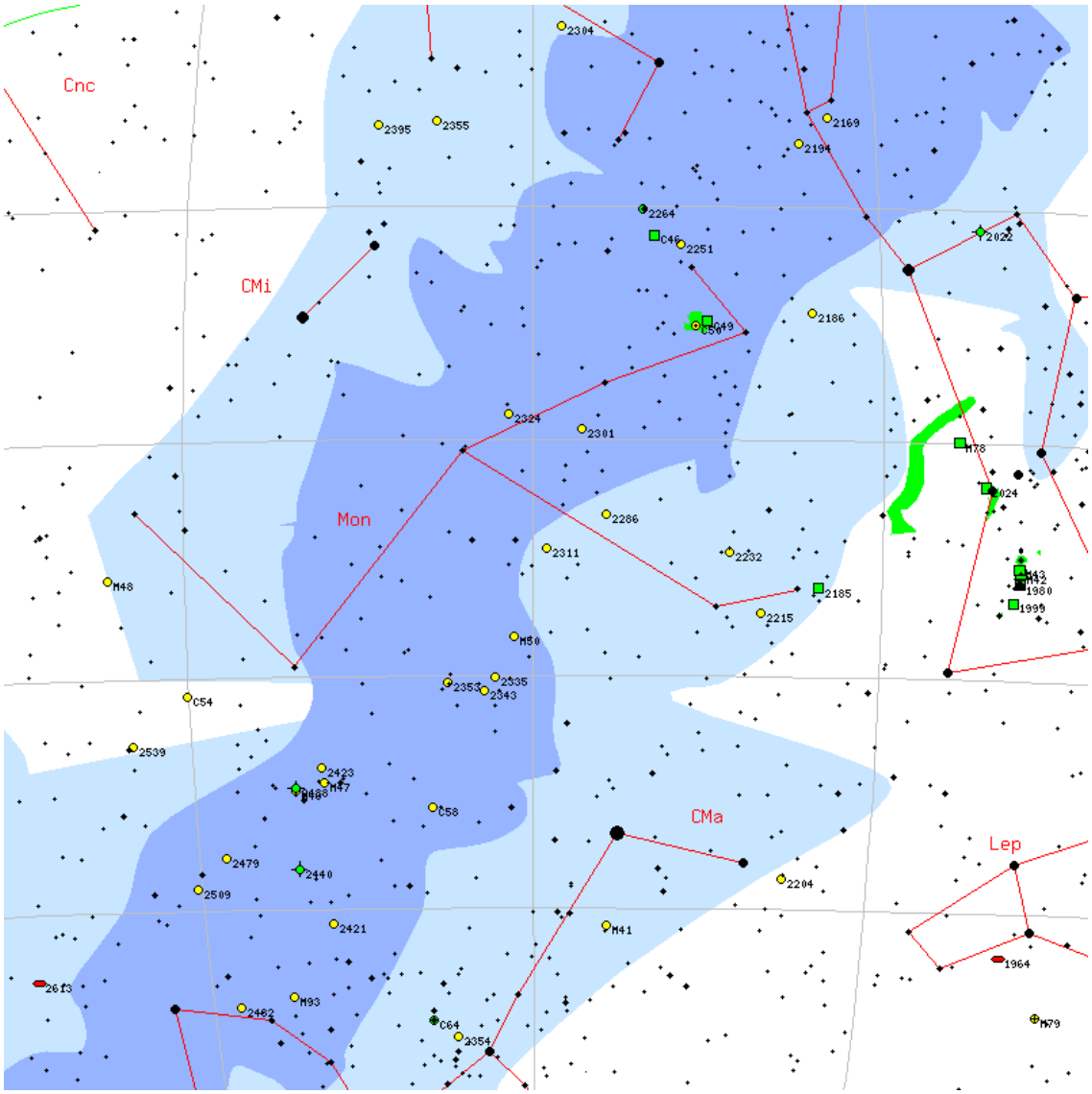
M	NGC3675	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11	**Size**	2.9 x 1.6
RA	11h 26m	**Dec**	+43d 34m
Name			
Description	vB, cL, vmE 0deg +/- , vsmbMN, many st p		

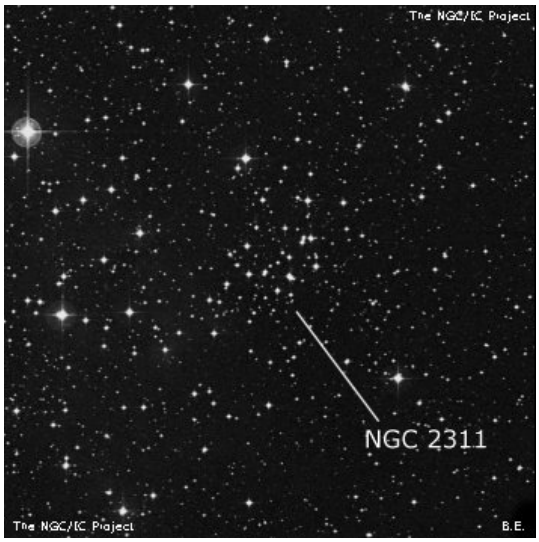




NGC2311

M	NGC2311	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	10	**Size**	7 x 7
RA	06h 57m	**Dec**	-04d 34m
Name			
Description	Cl, IC, not Ri		



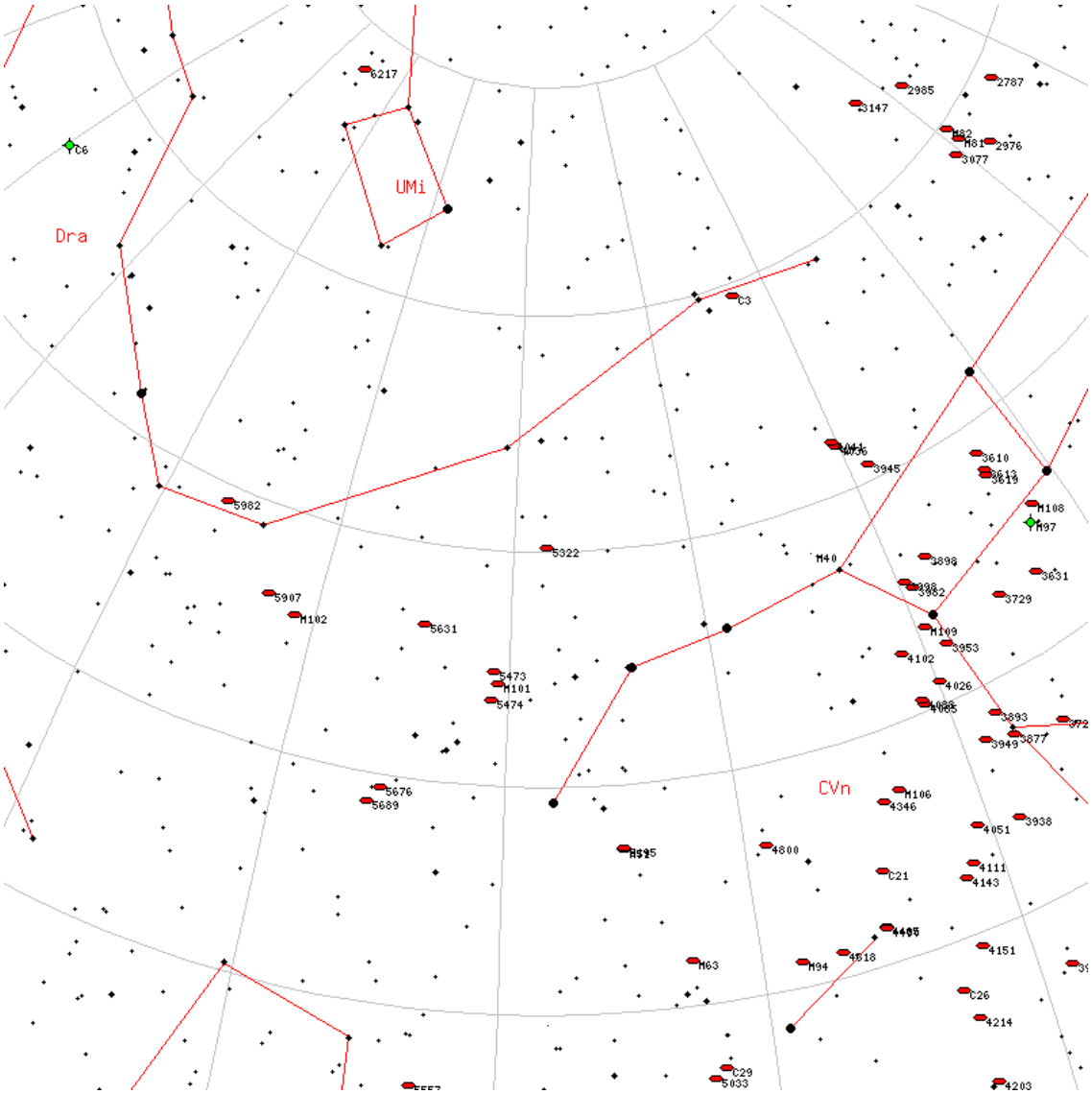


NGC869

M	NGC869	**ID**	-
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		

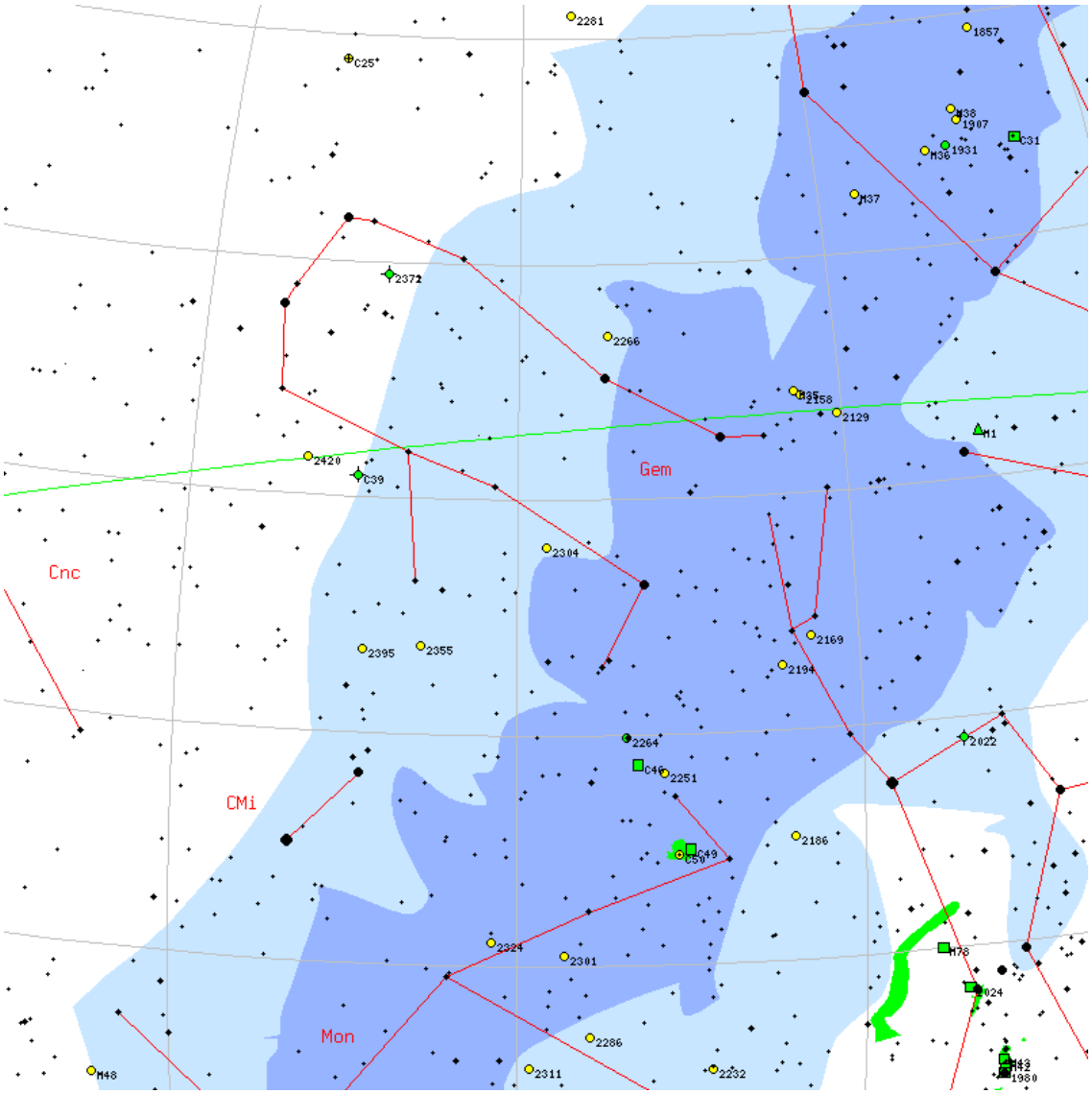
NGC5322

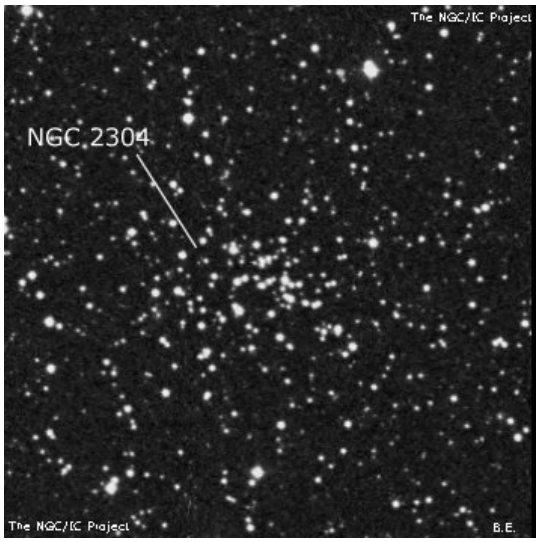
M	NGC5322	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10	**Size**	2.9 x 2
RA	13h 49m	**Dec**	+60d 12m
Name			
Description	vB, pL, iR, psmbM		



NGC2304

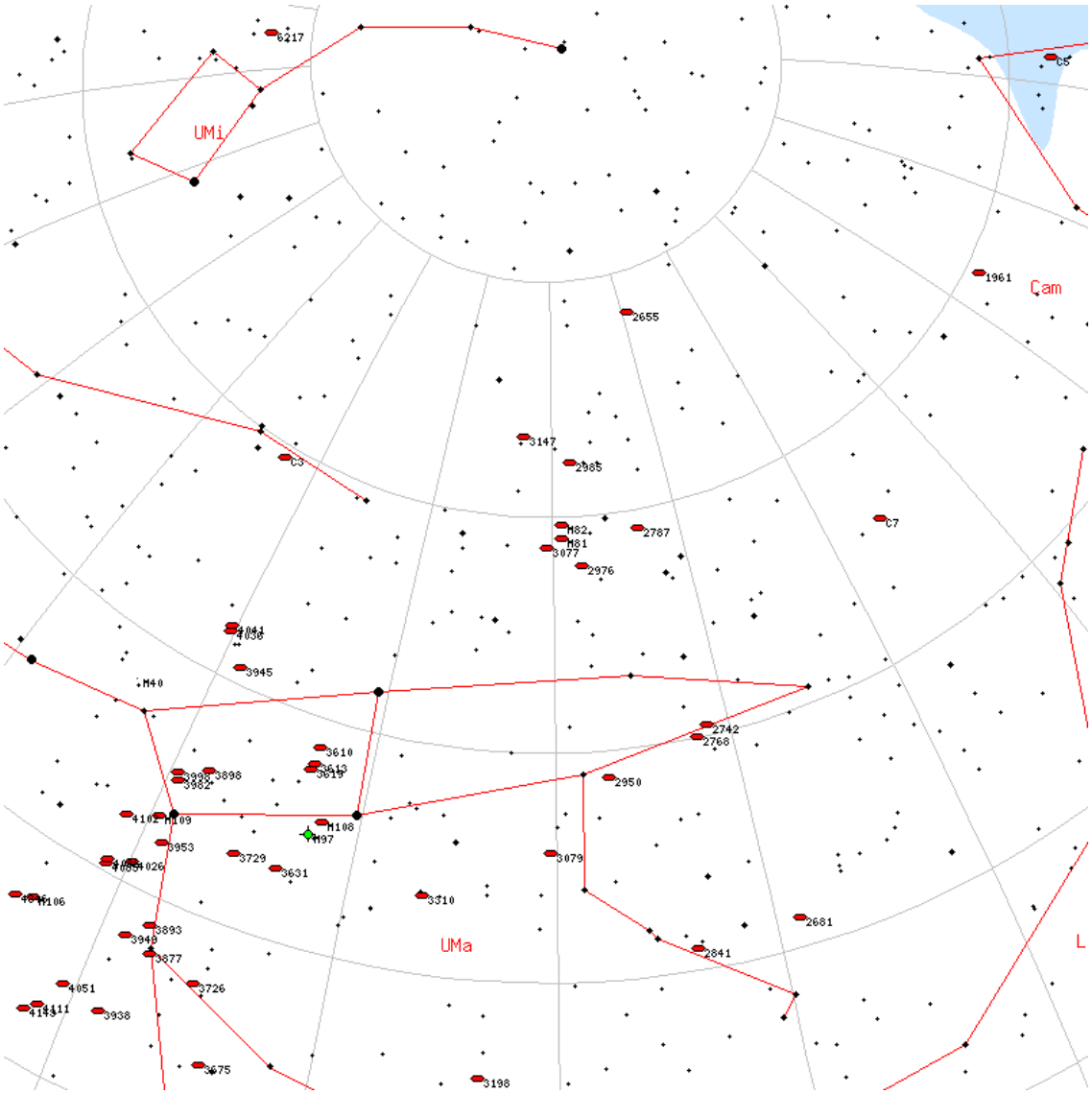
M	NGC2304	**ID**	-
Constellation	Gem	**Type**	OC
Magnitude	10	**Size**	5 x 5
RA	06h 55m	**Dec**	+18d 01m
Name			
Description	Cl, pL, Ri, mC, st vS		

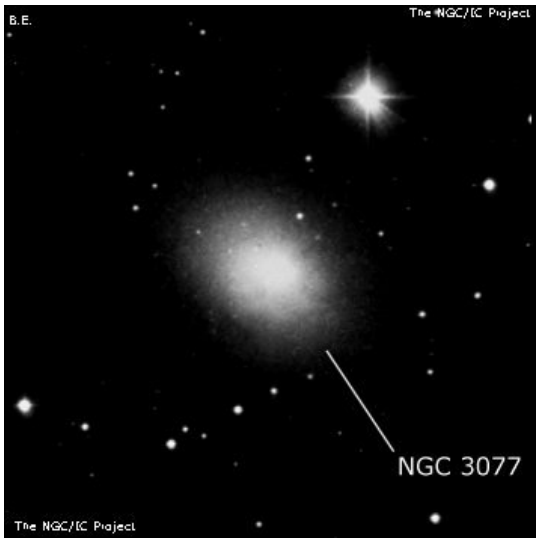




NGC3077

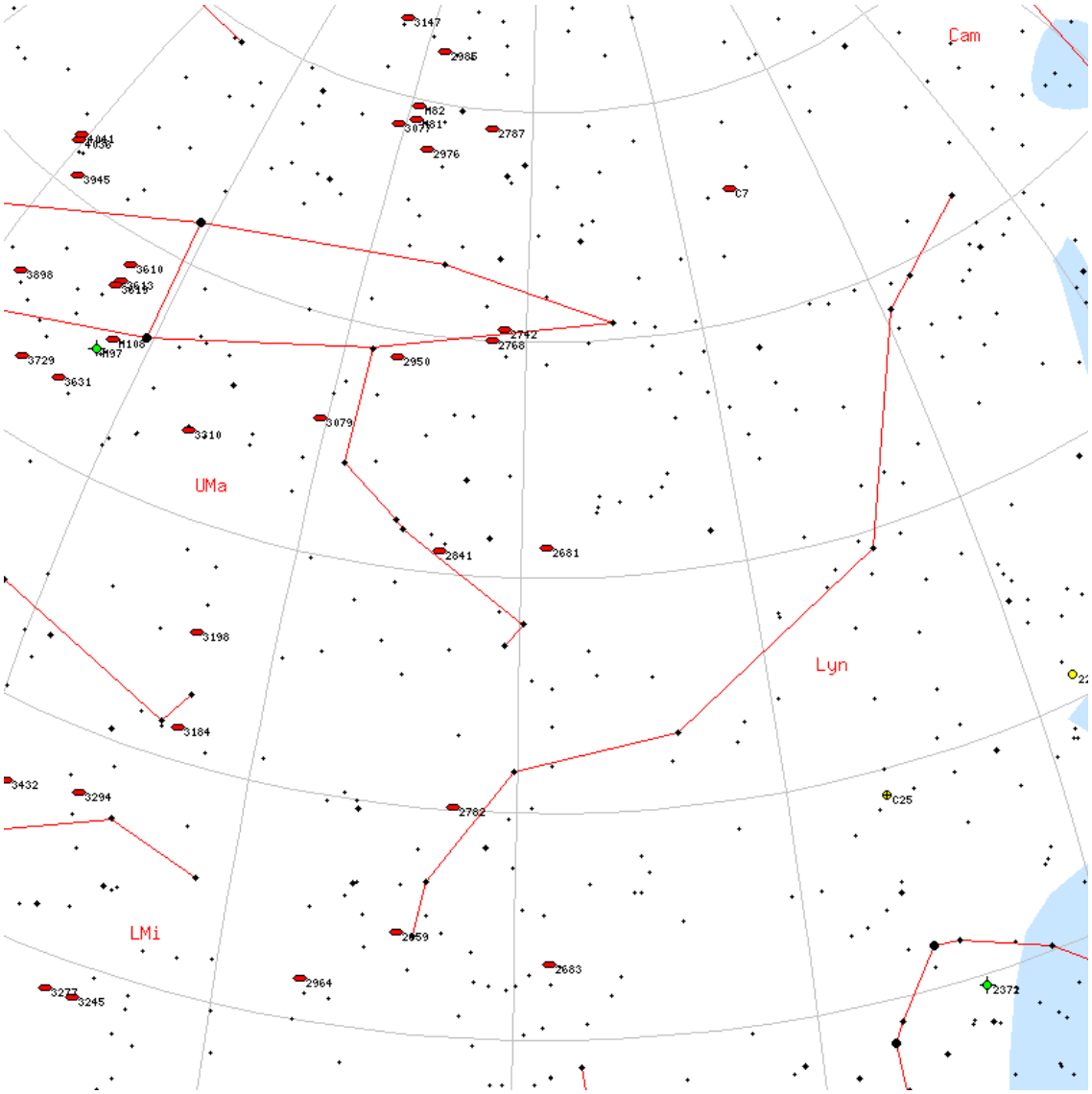
M	NGC3077	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	9.9	**Size**	2.7 x 2.2
RA	10h 03m	**Dec**	+68d 43m
Name			
Description	cB, cL, mbM, R with ray		

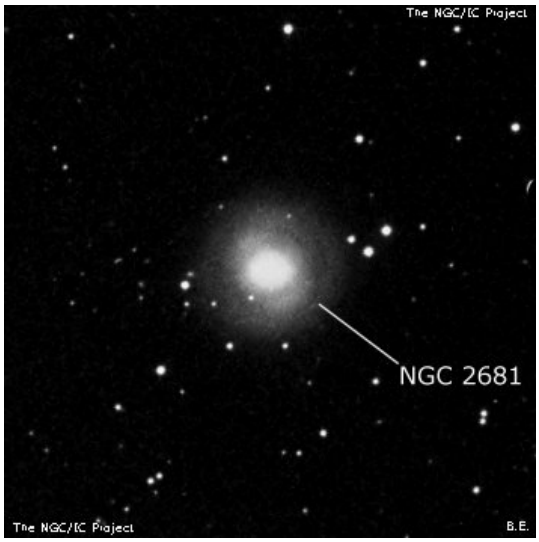




NGC2681

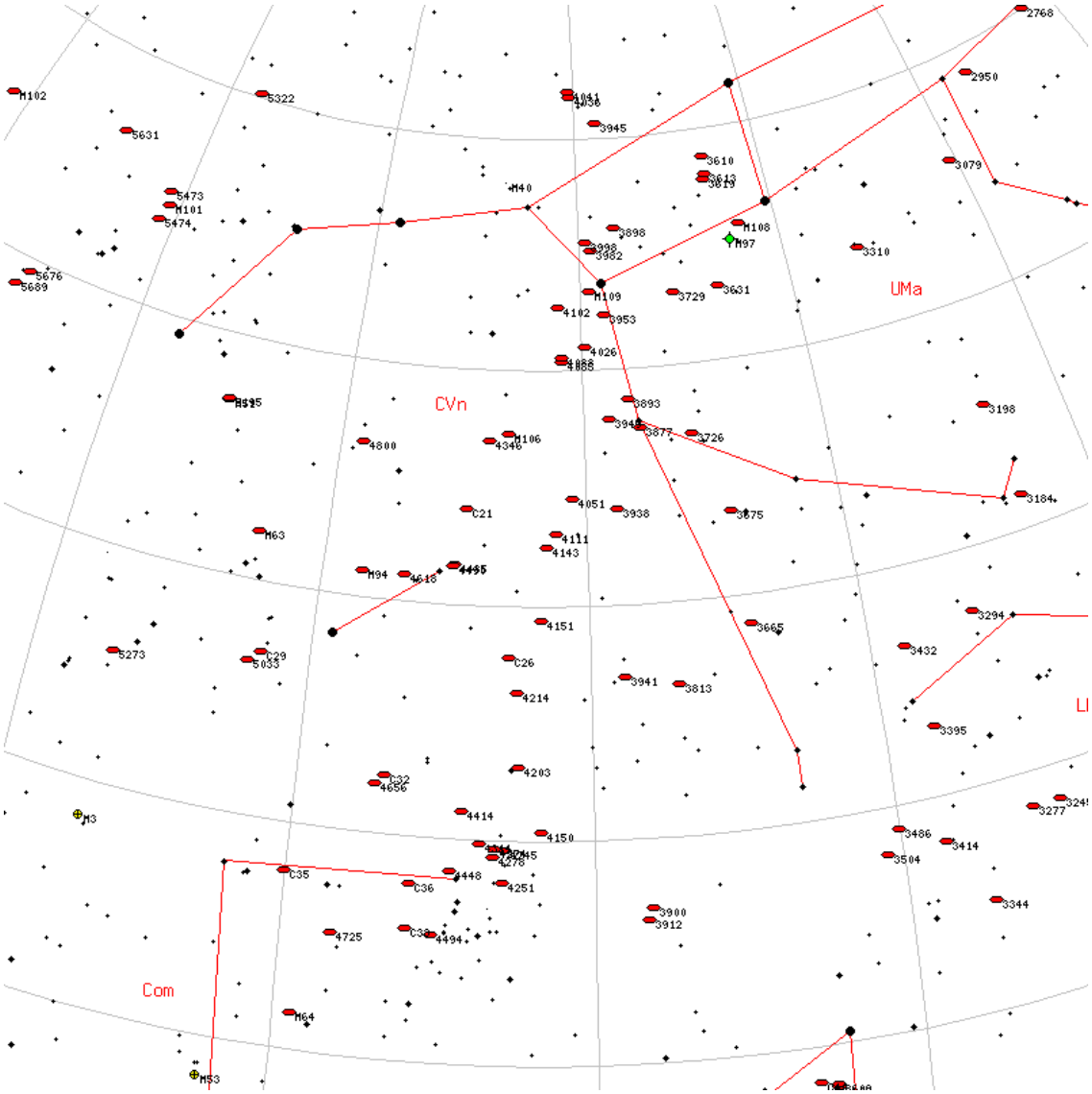
M	NGC2681	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.3	**Size**	3.8 x 3.8
RA	08h 53m	**Dec**	+51d 19m
Name			
Description	vB, vL, vg, vsmbM *10		

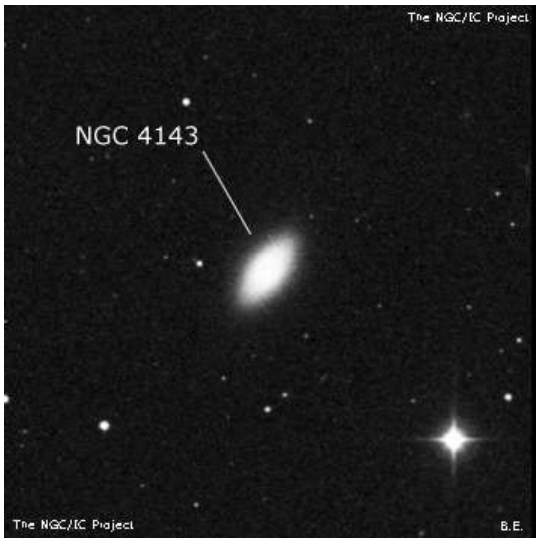




NGC4143

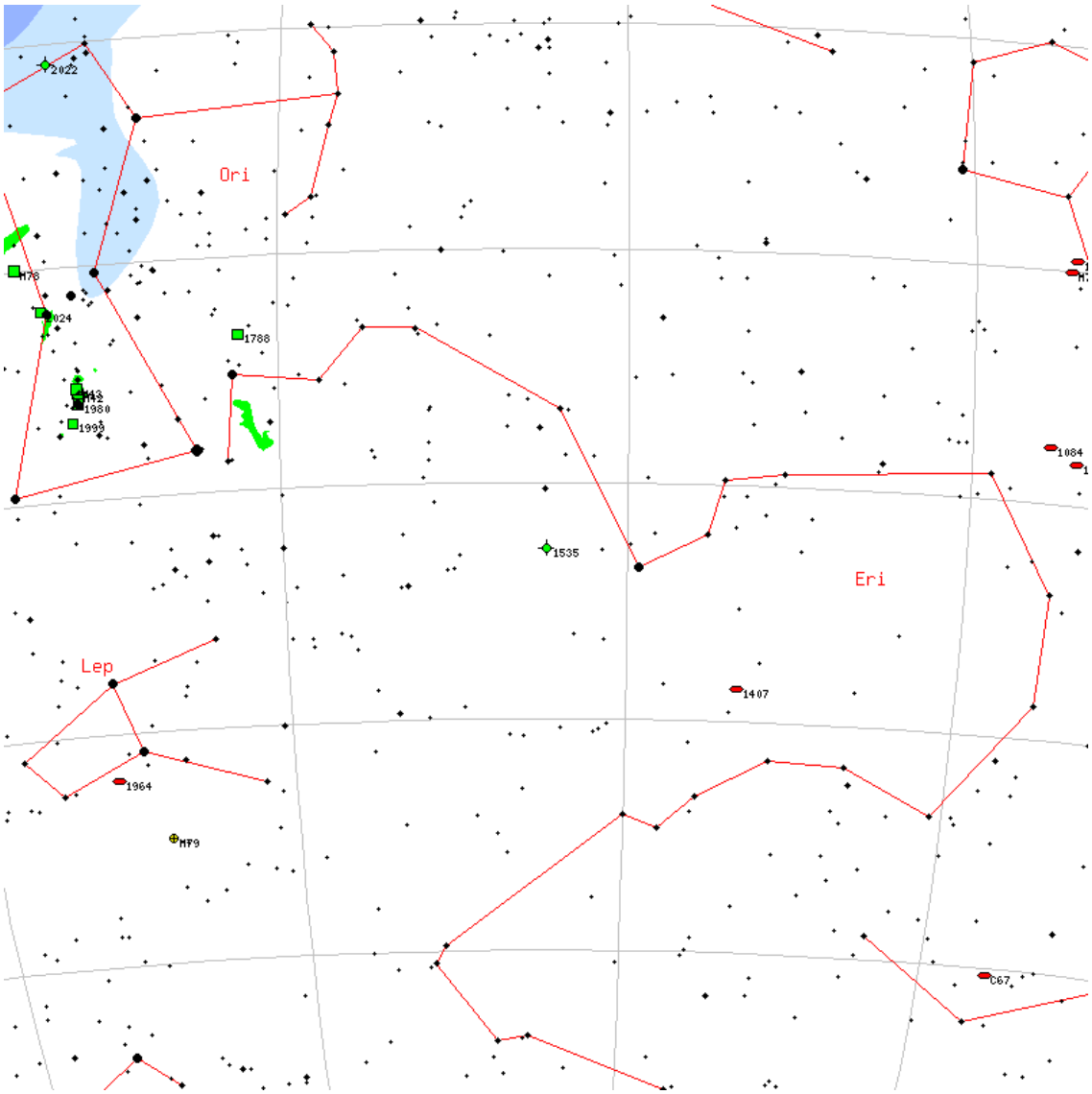
M	NGC4143	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	12	**Size**	1.1 x 0.7
RA	12h 09m	**Dec**	+42d 31m
Name			
Description	cB, R, vg, vsbMN		

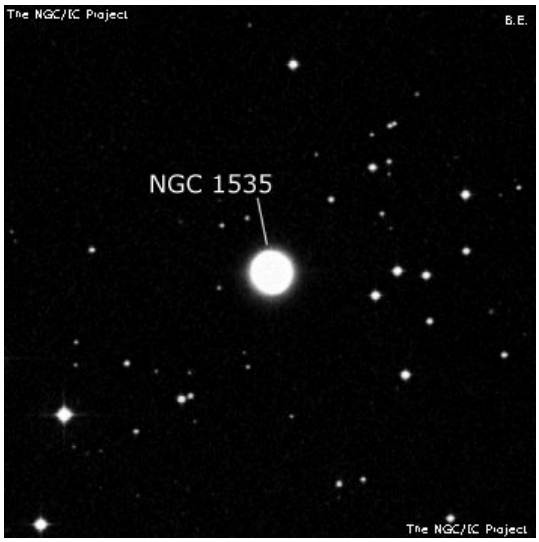




NGC1535

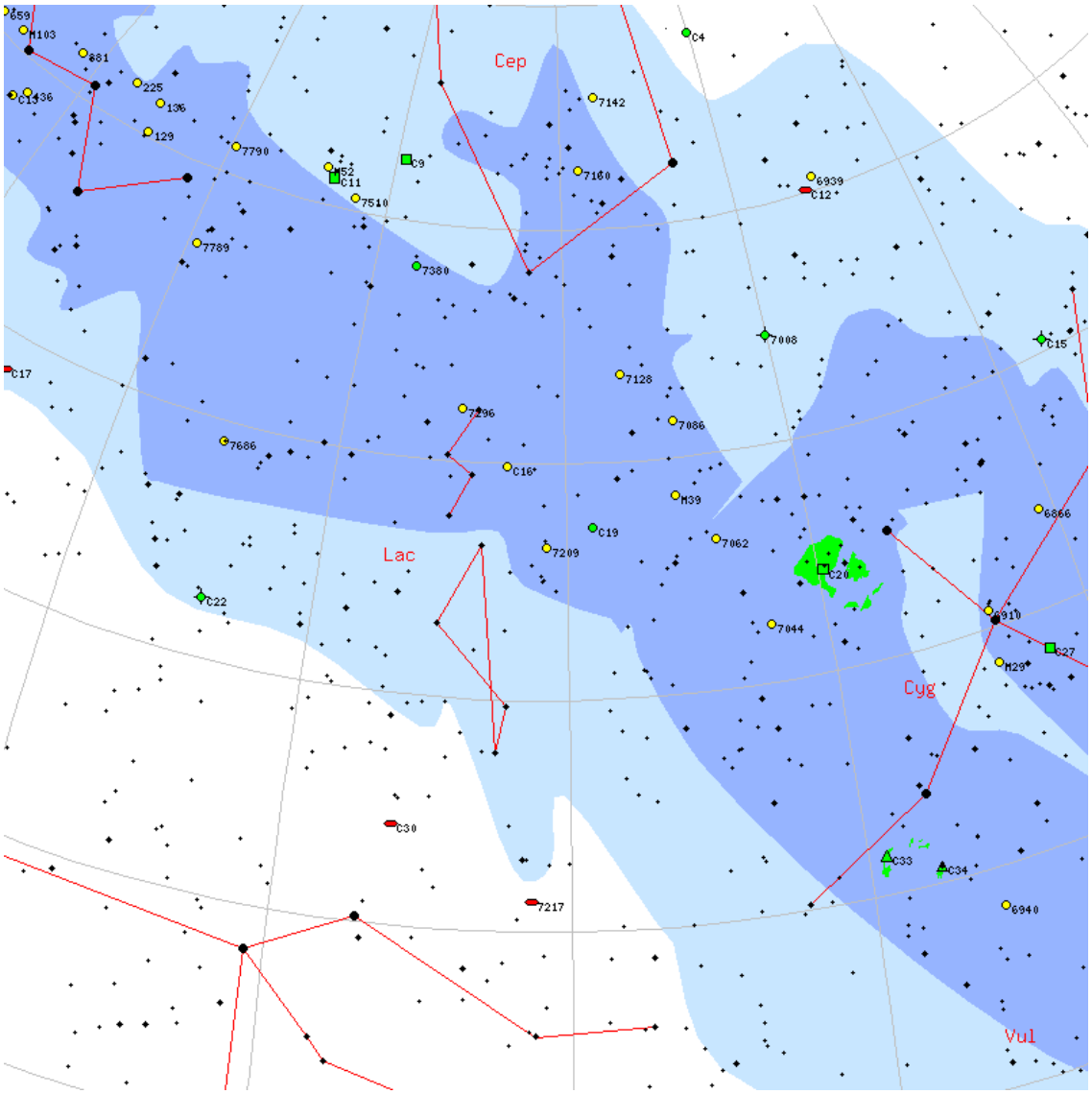
M	NGC1535	**ID**	-
Constellation	Eri	**Type**	Pl
Magnitude	10	**Size**	0.7 x 0.7
RA	04h 14m	**Dec**	-12d 43m
Name	Cleopatra's Eye		
Description	PN , vB, S, R, pS, vsbM, r		

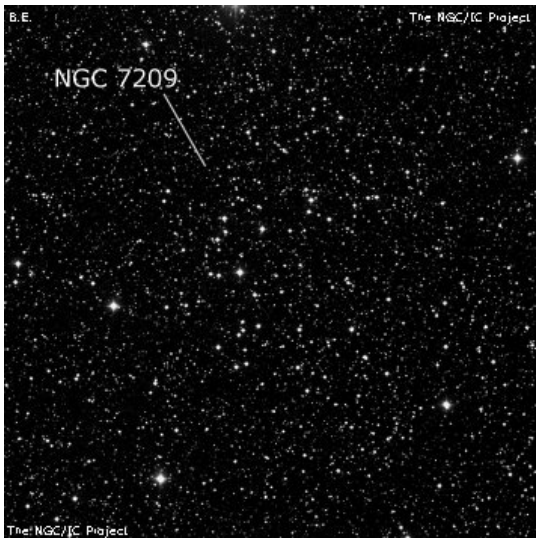




NGC7209

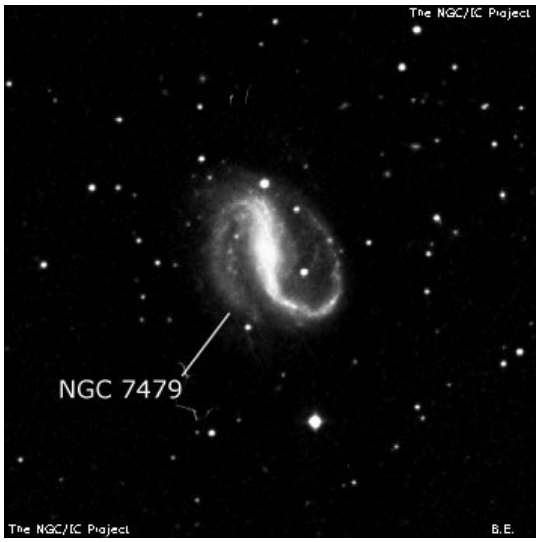
M	NGC7209	**ID**	-
Constellation	Lac	**Type**	OC
Magnitude	6.7	**Size**	25 x 25
RA	22h 05m	**Dec**	+46d 30m
Name			
Description	Cl, L, cRi, pC, st 9...12		





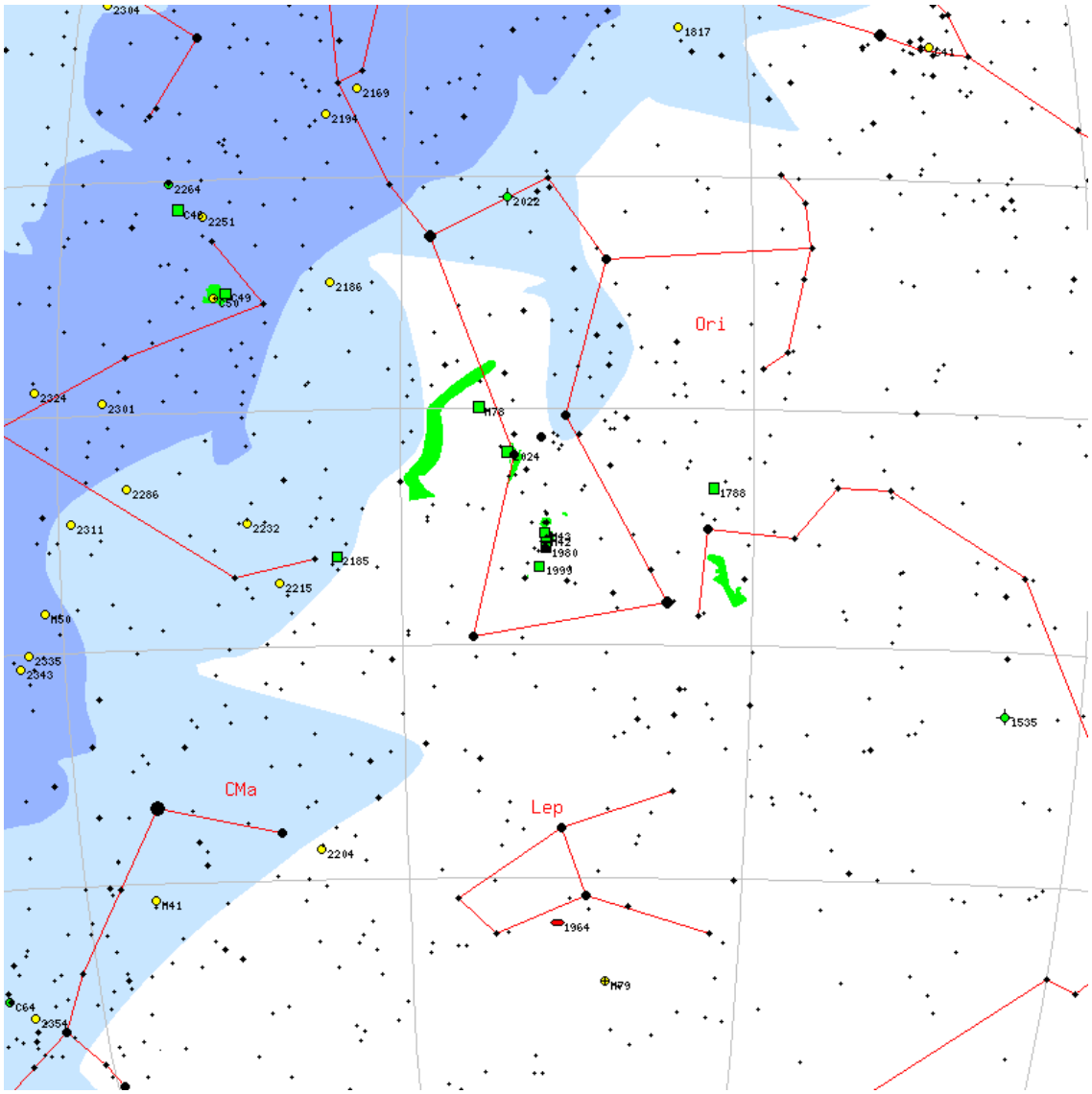
NGC7479

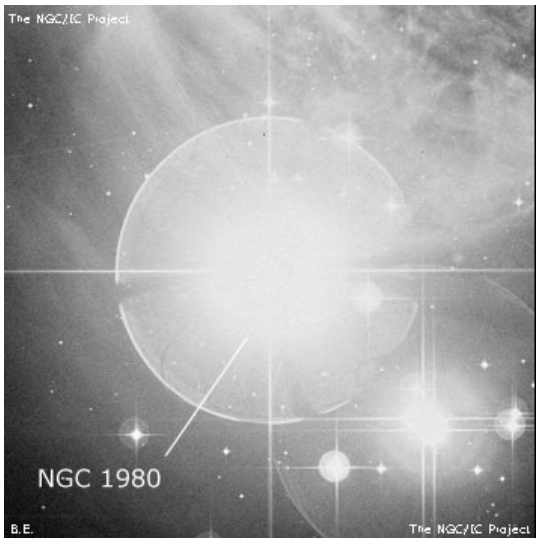
M	NGC7479	**ID**	-
Constellation	Peg	**Type**	Gx
Magnitude	11	**Size**	2 x 1.6
RA	23h 04m	**Dec**	+12d 19m
Name			
Description	pB, cL, mE 12deg , bet 2 st		



NGC1980

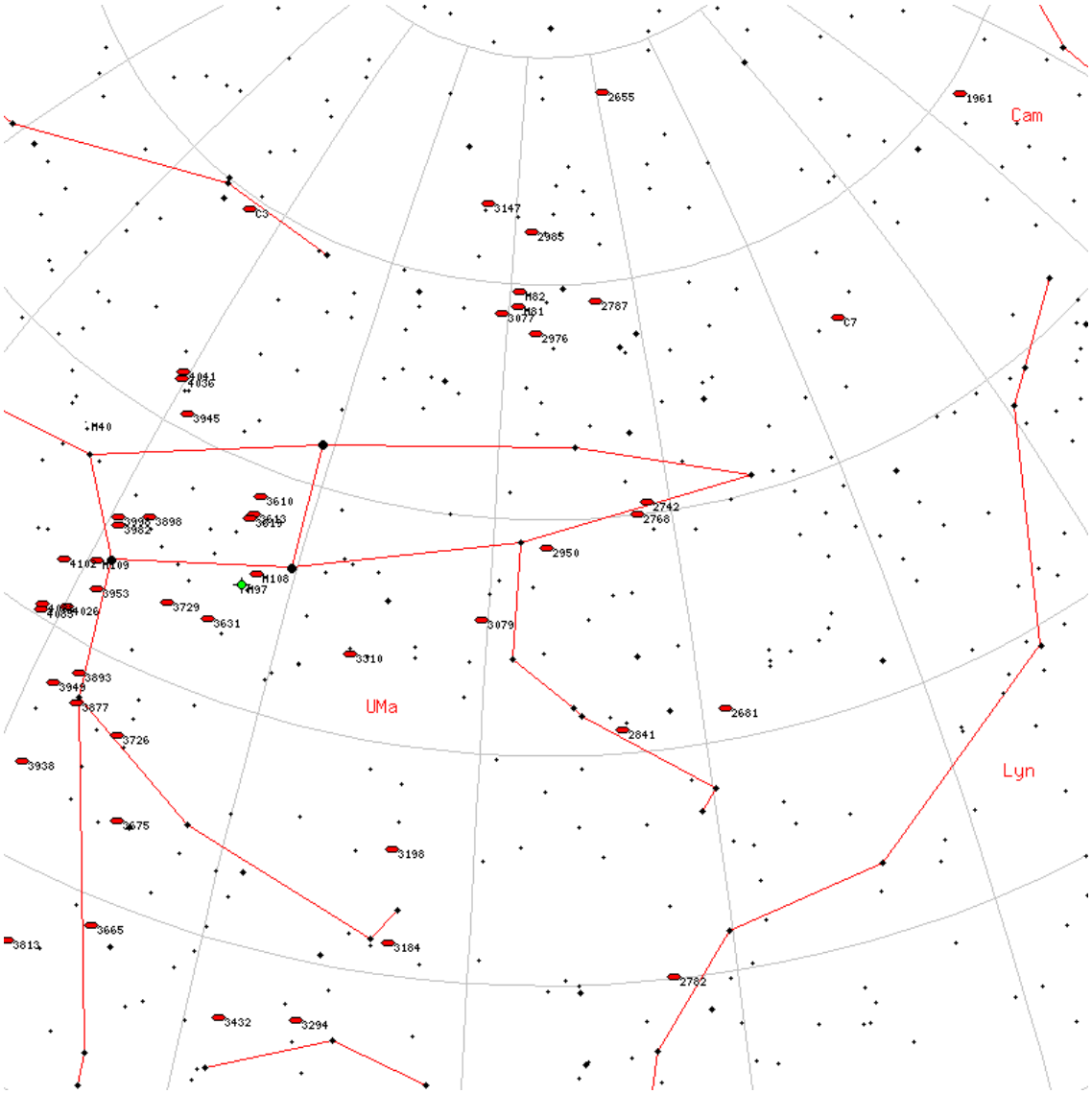
M	NGC1980	**ID**	-
Constellation	Ori	**Type**	Nb
Magnitude	-	**Size**	14 x 14
RA	05h 35m	**Dec**	-05d 54m
Name			
Description	vF, vvL, 44 Ori inv		

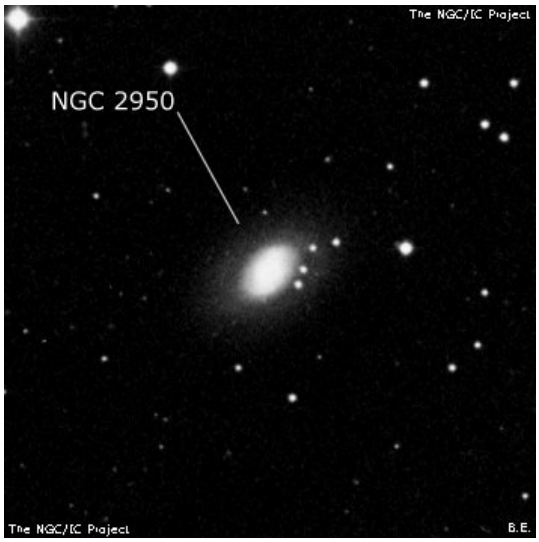




NGC2950

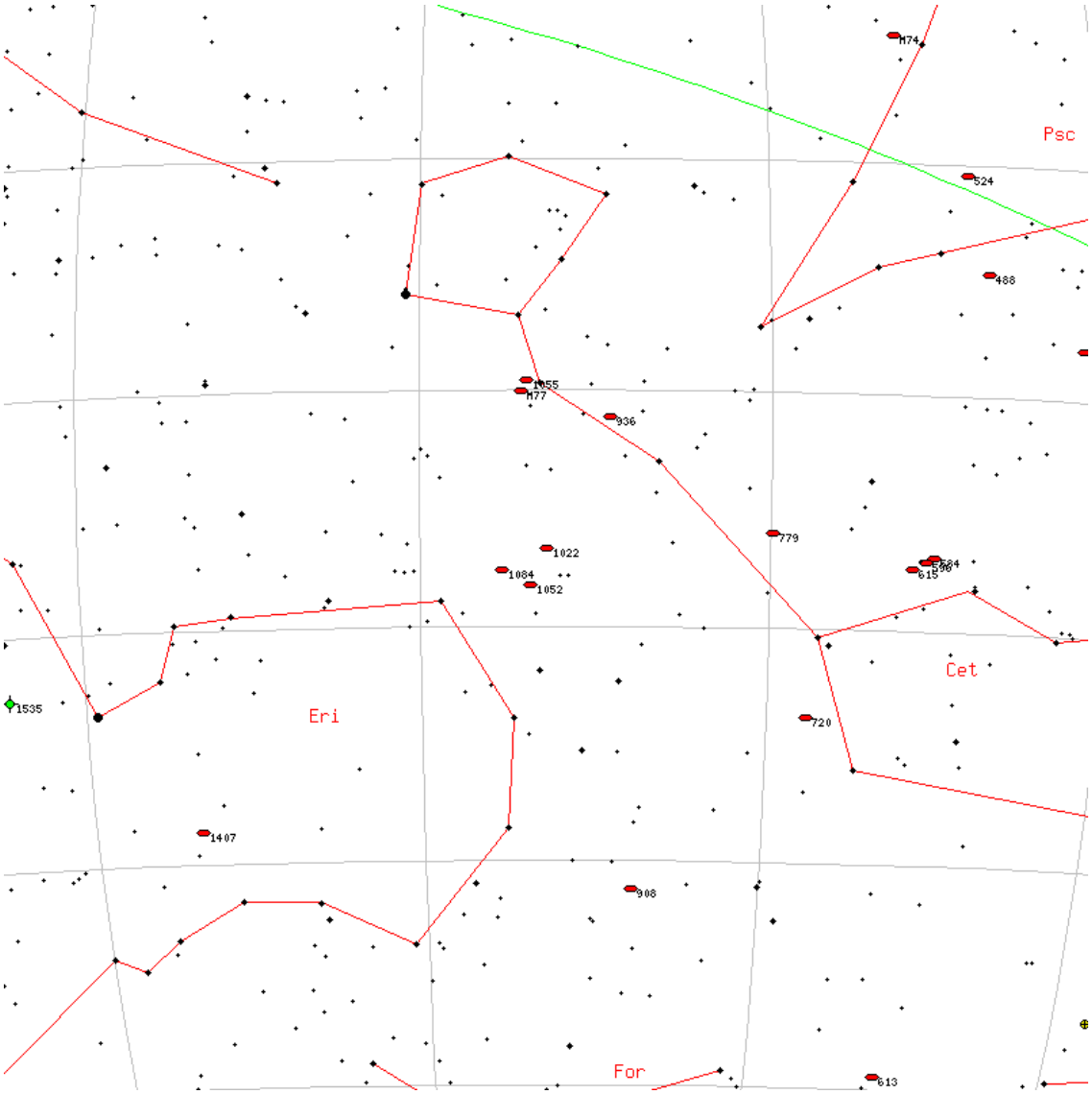
M	NGC2950	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11	**Size**	1.4 x 0.9
RA	09h 42m	**Dec**	+58d 51m
Name			
Description	B, pS, R, vgvmbMN		

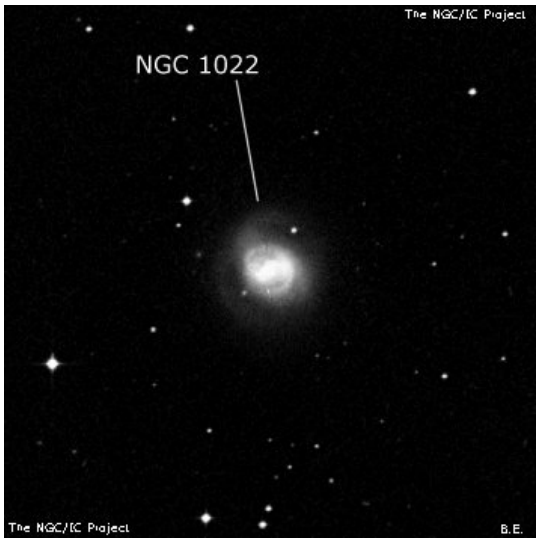




NGC1022

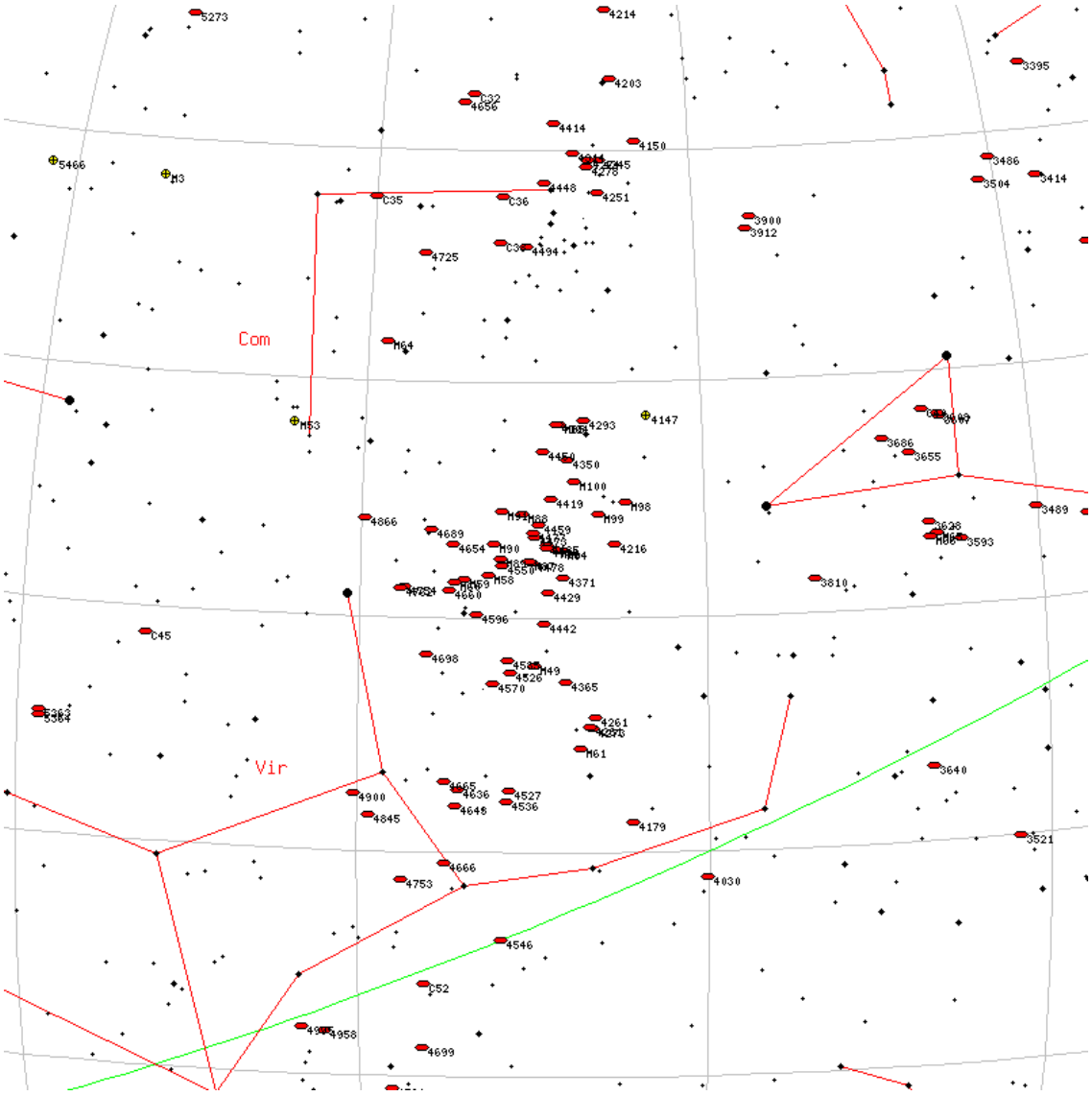
M	NGC1022	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	11.4	**Size**	1.2 x 1
RA	02h 38m	**Dec**	-06d 40m
Name			
Description	cB, pL, R, mbM, *11 nf 2'		

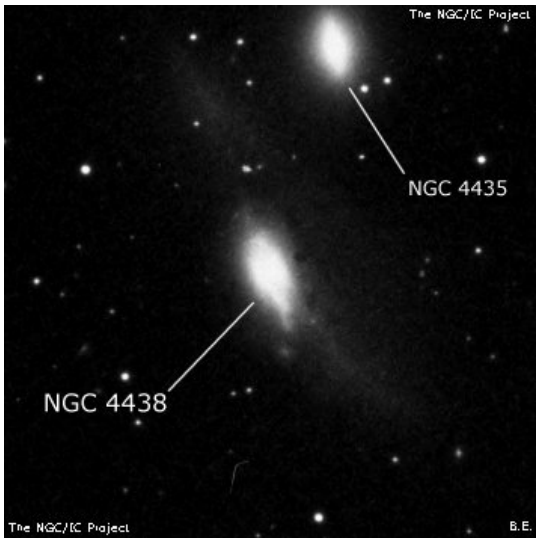




NGC4438

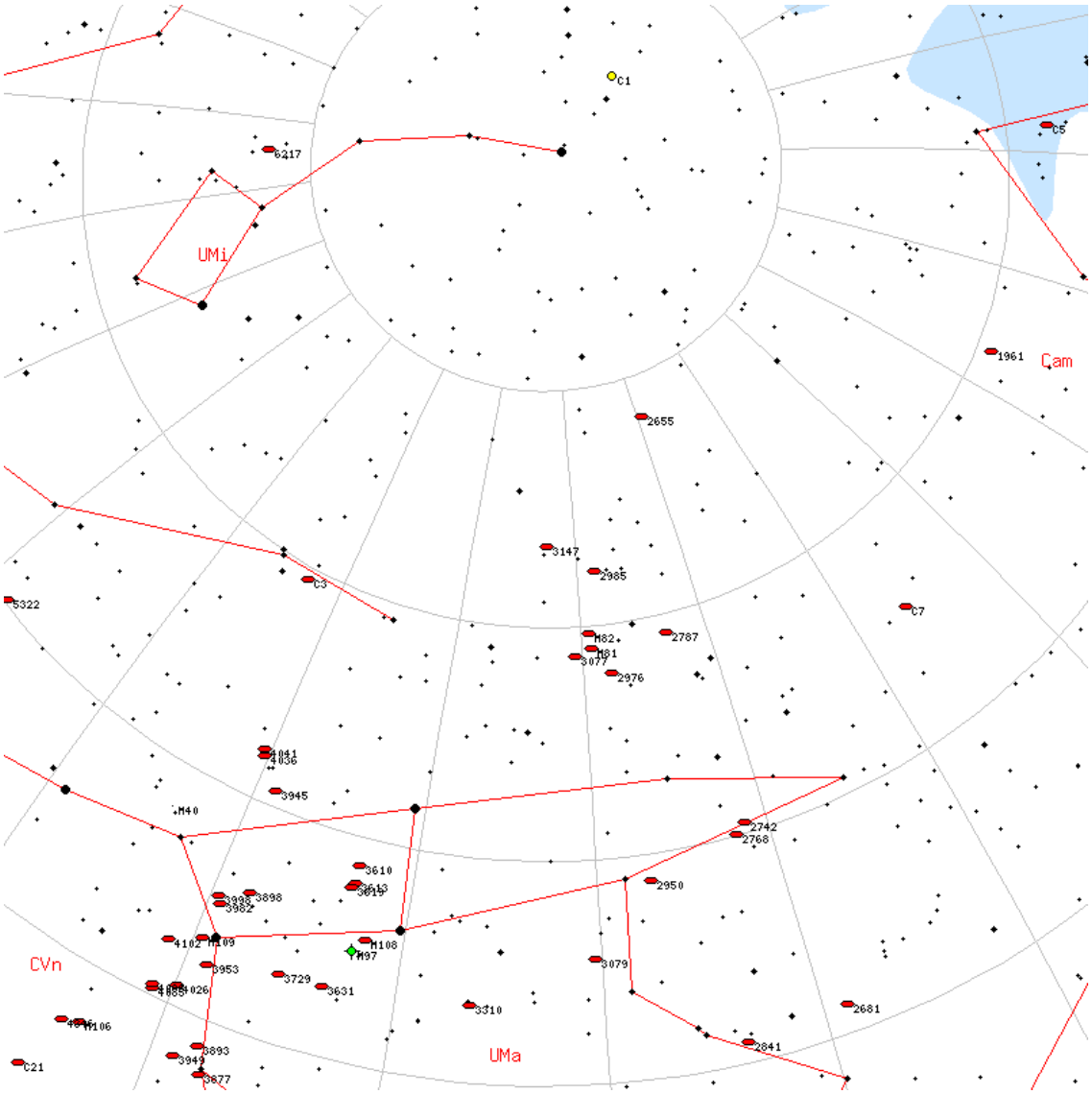
M	NGC4438	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.1	**Size**	4.3 x 1.6
RA	12h 27m	**Dec**	+13d 01m
Name			
Description	B, cL, vlE, r, sf of 2		

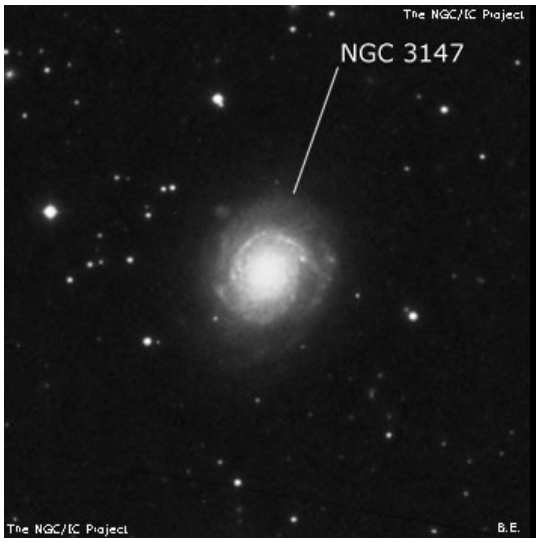




NGC3147

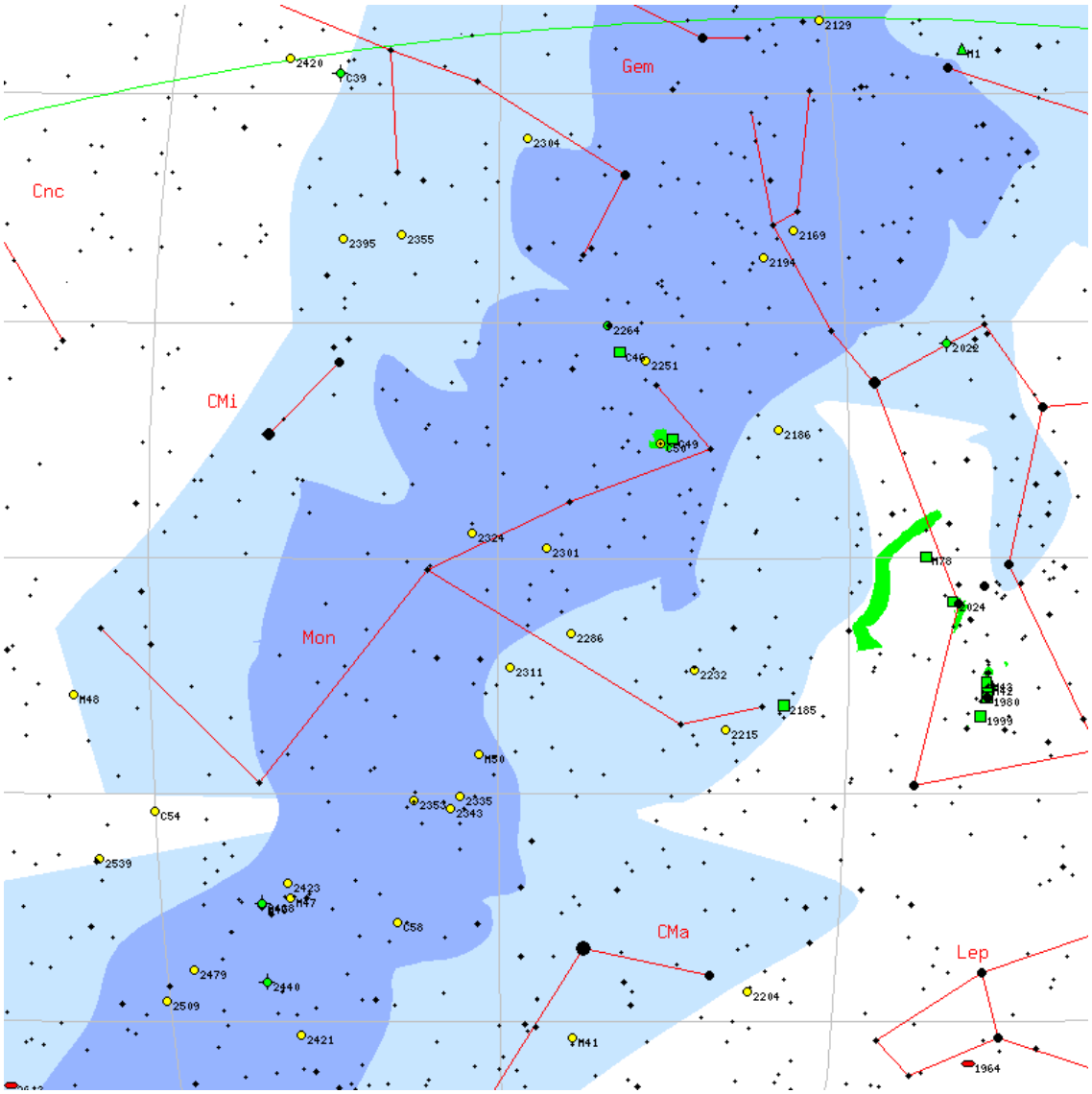
M	NGC3147	**ID**	-
Constellation	Dra	**Type**	Gx
Magnitude	10.7	**Size**	2 x 1.7
RA	10h 16m	**Dec**	+73d 24m
Name			
Description	vB, L, R, vgvsvmbM		

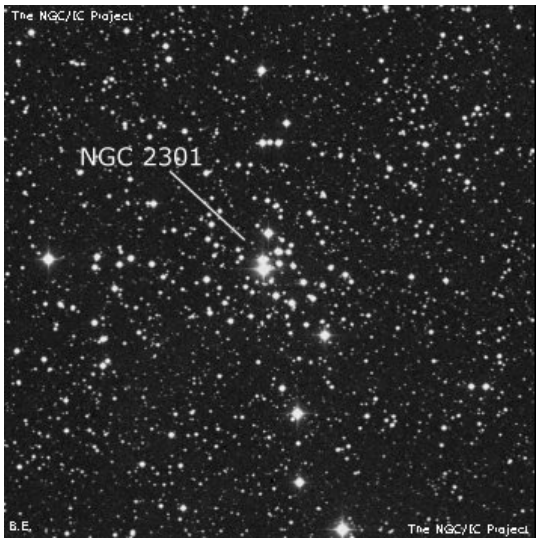




NGC2301

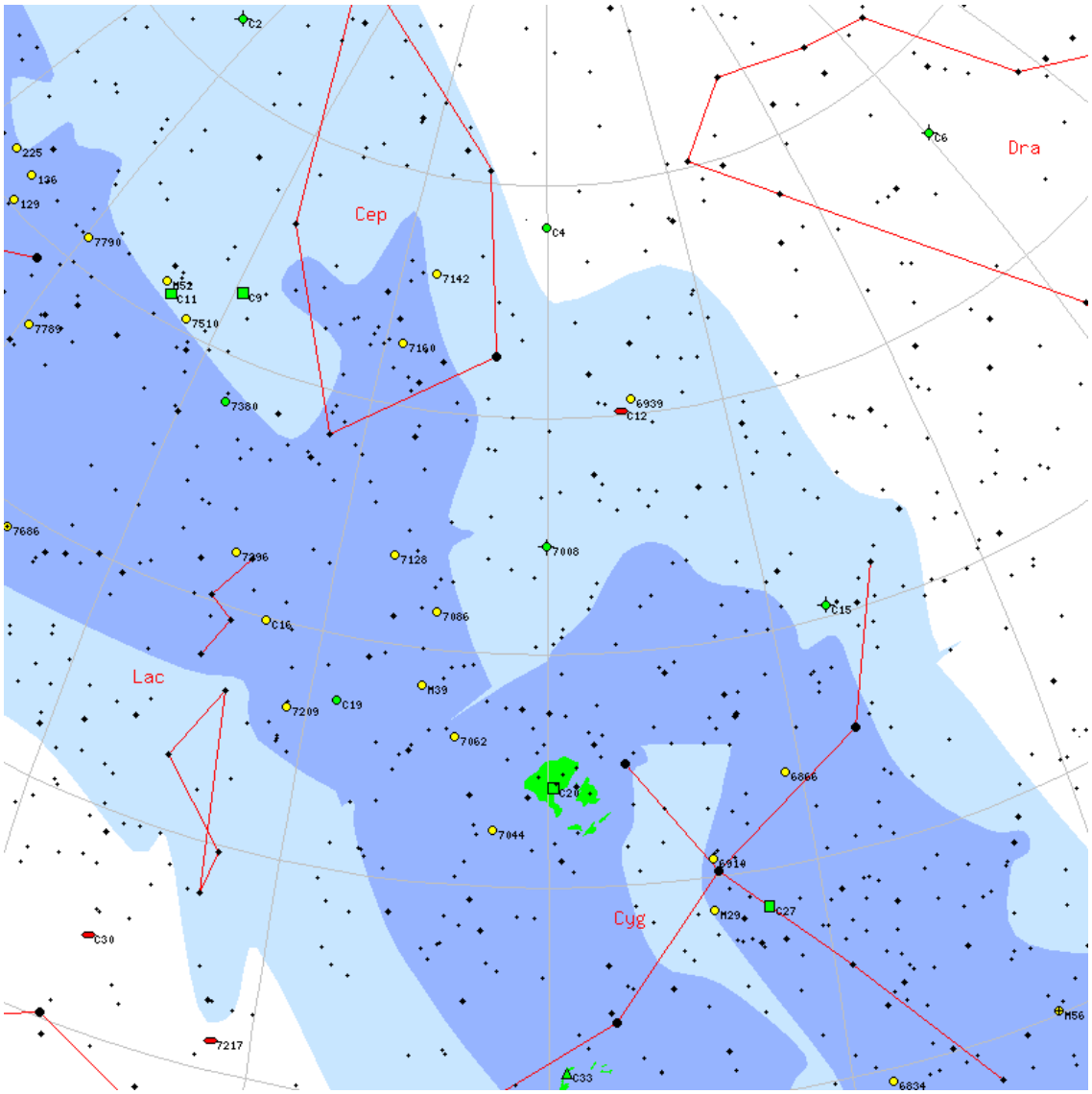
M	NGC2301	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	6	**Size**	12 x 12
RA	06h 51m	**Dec**	+00d 28m
Name			
Description	Cl, Ri, L, iF, st L & S		

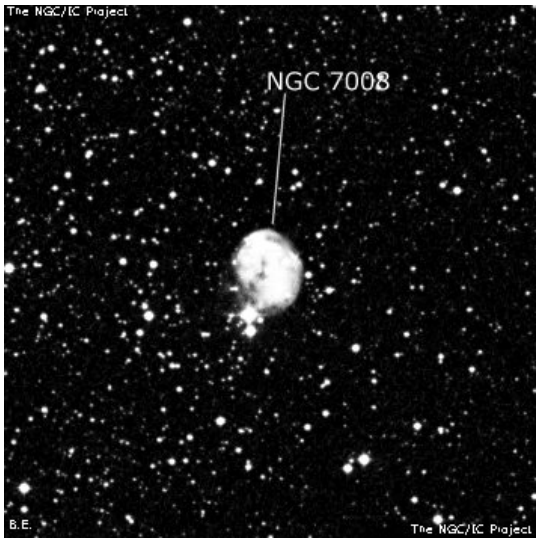




NGC7008

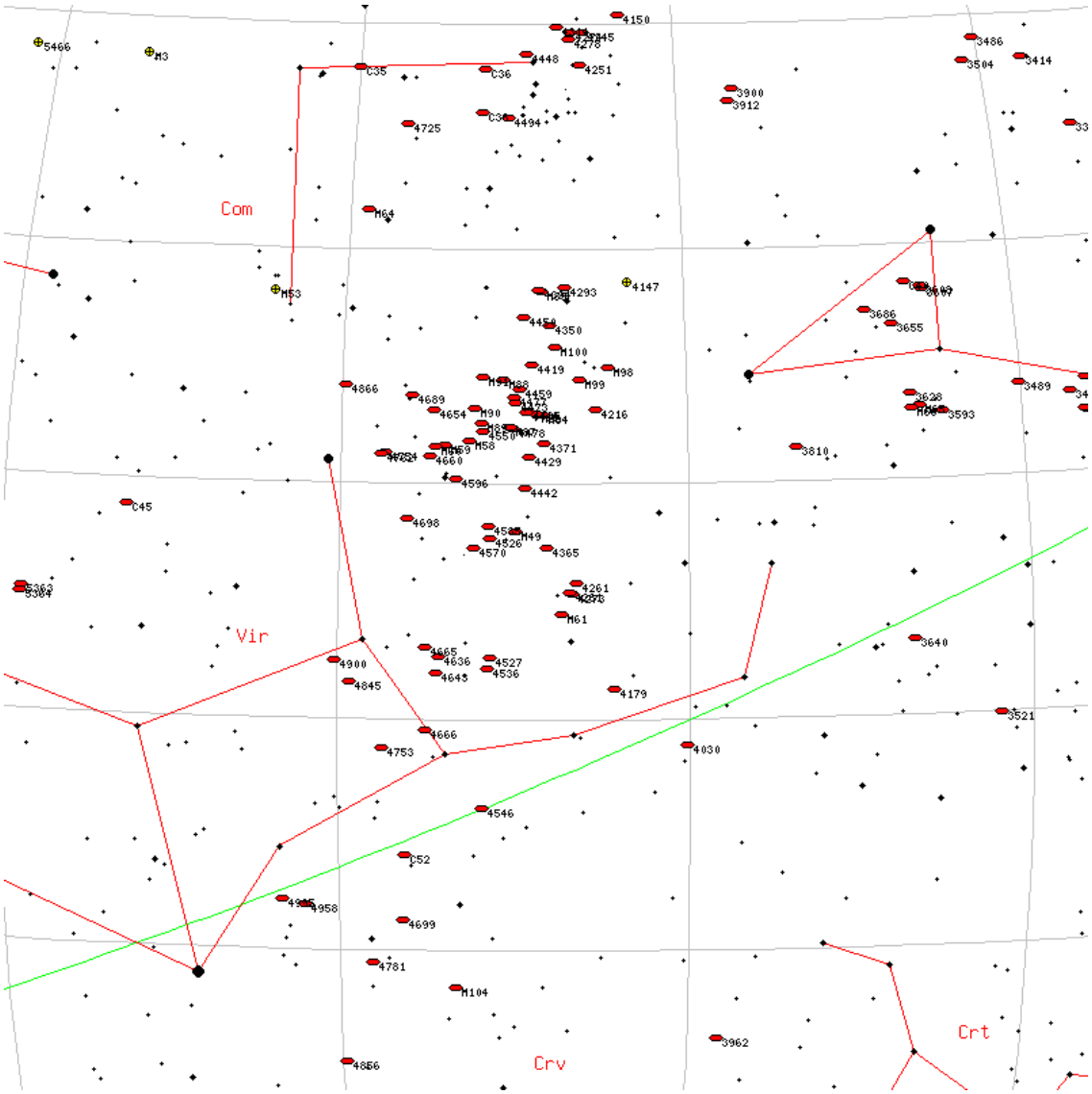
M	NGC7008	**ID**	-
Constellation	Cyg	**Type**	PI
Magnitude	13	**Size**	1.4 x 1.4
RA	21h 00m	**Dec**	+54d 32m
Name	Fetus Nebula		
Description	cB, L, E 45deg +/- , r, ** att		

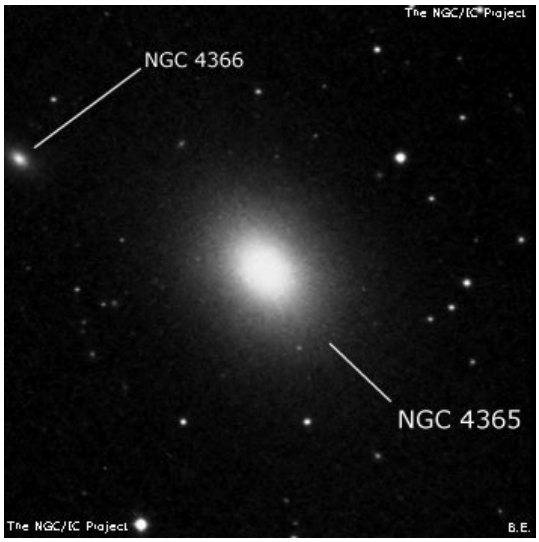




NGC4365

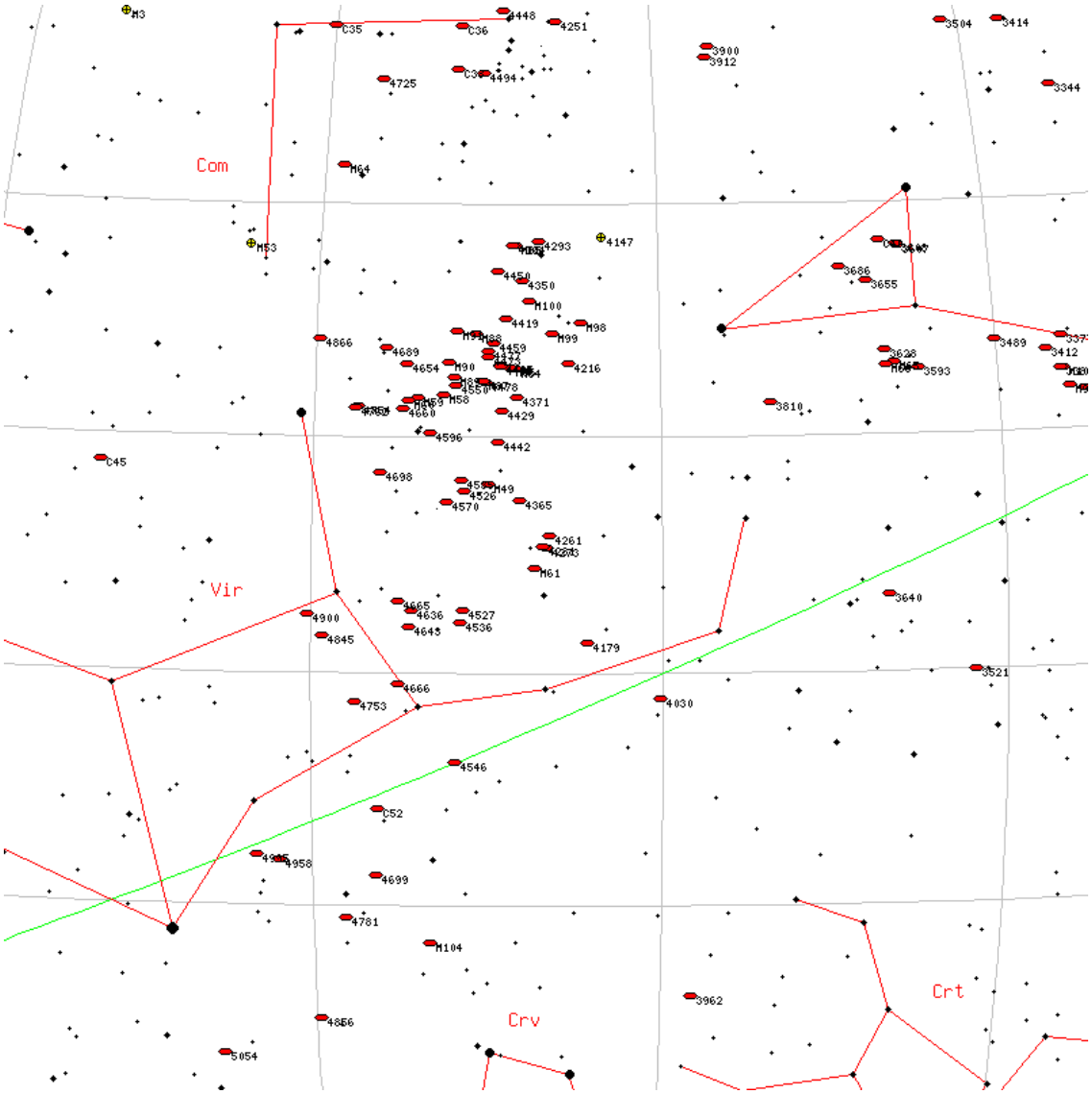
M	NGC4365	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11	**Size**	3.5 x 2.5
RA	12h 24m	**Dec**	+07d 19m
Name			
Description	cB, pL, vlE, gl, smbM		

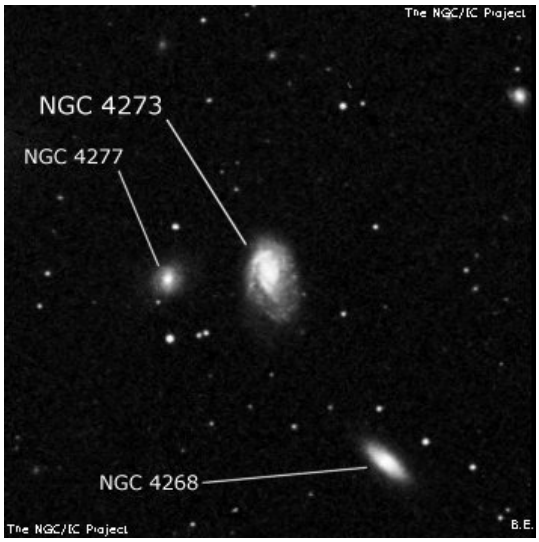




NGC4273

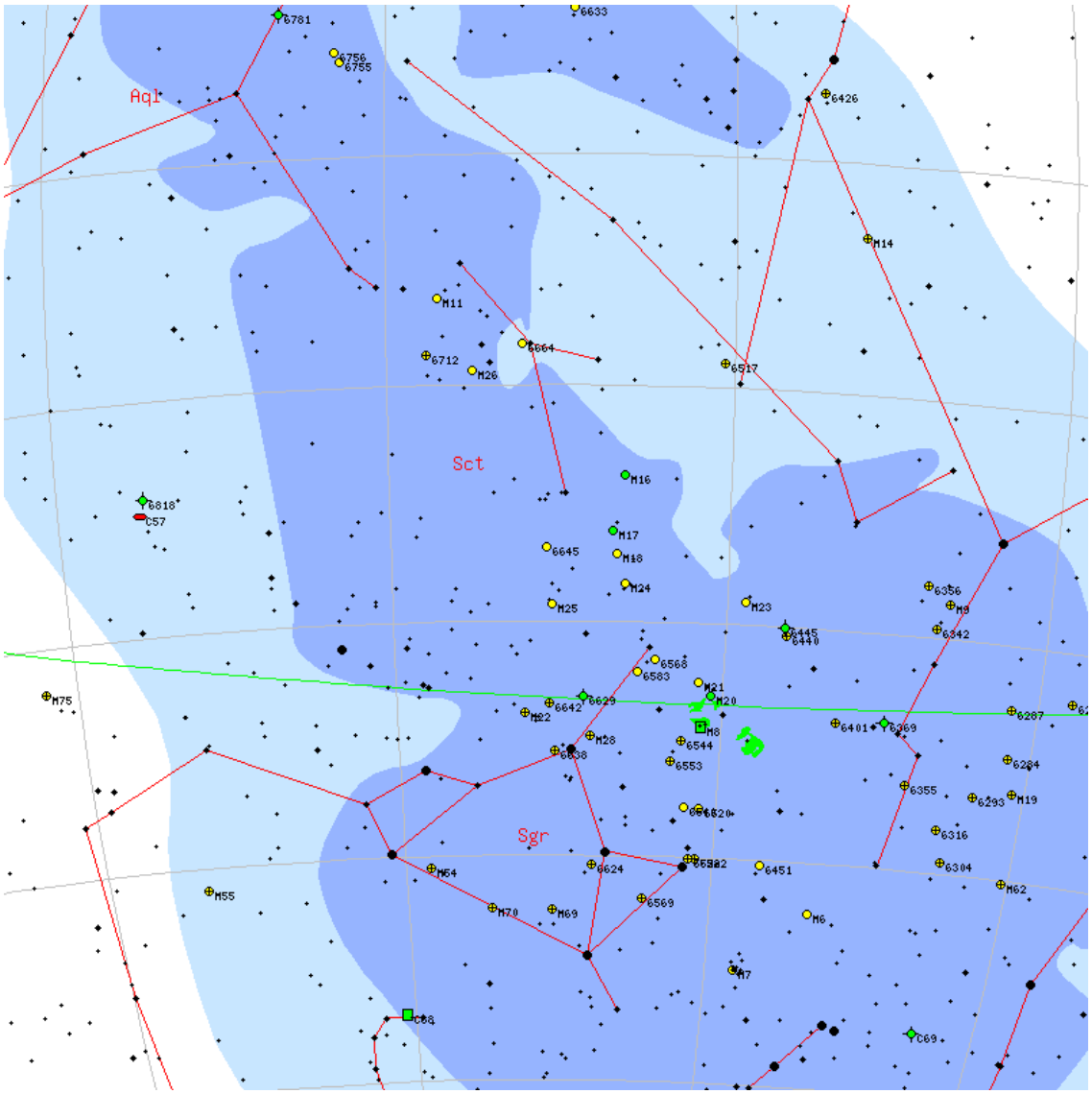
M	NGC4273	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11.9	**Size**	1.2 x 0.8
RA	12h 19m	**Dec**	+05d 20m
Name			
Description	pB, L, E, gbM		

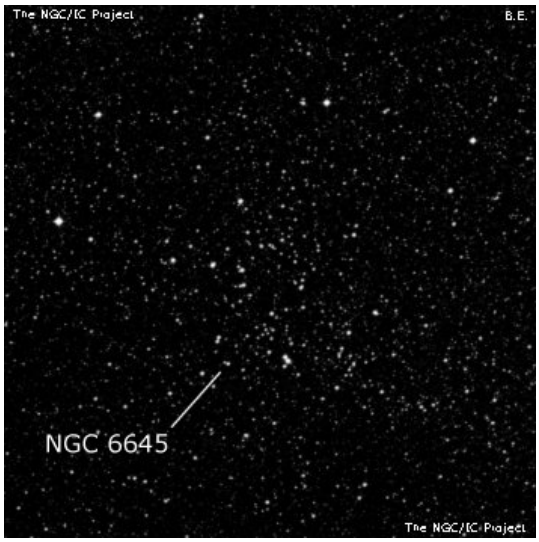




NGC6645

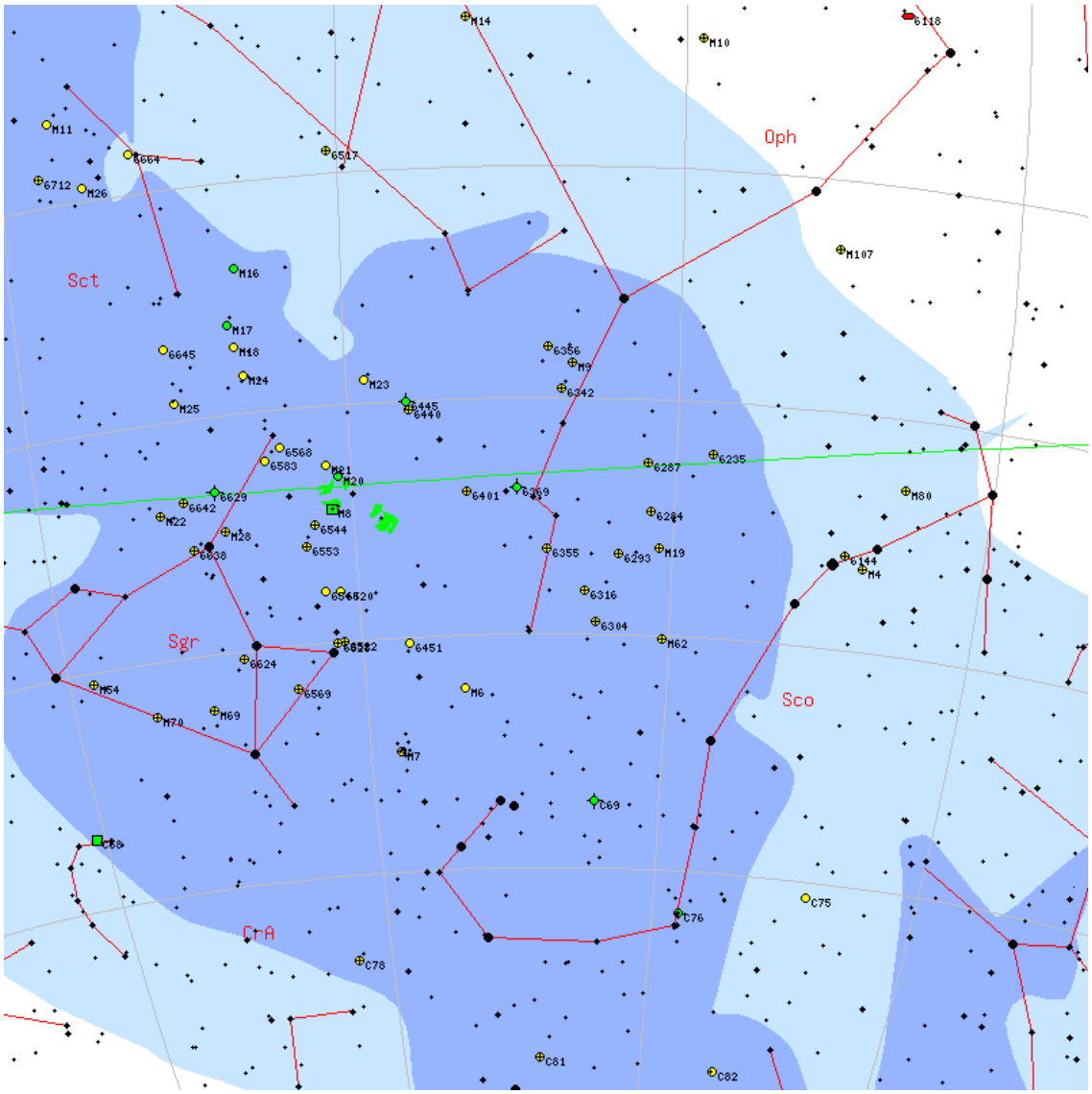
M	NGC6645	**ID**	-
Constellation	Sgr	**Type**	OC
Magnitude	9	**Size**	10 x 10
RA	18h 32m	**Dec**	-16d 53m
Name			
Description	Cl, pL, vRi, pC, st 11...15		

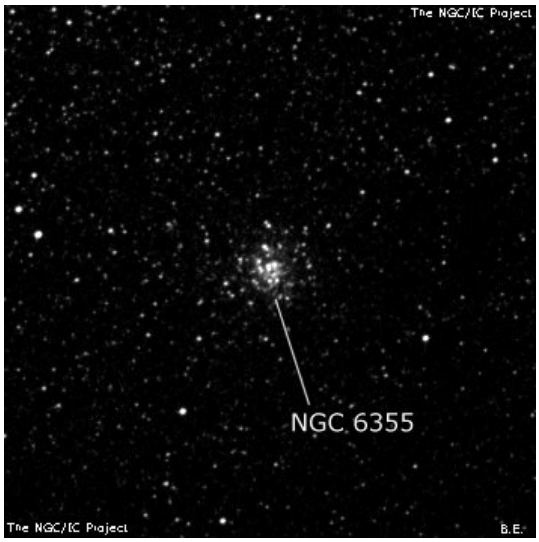




NGC6355

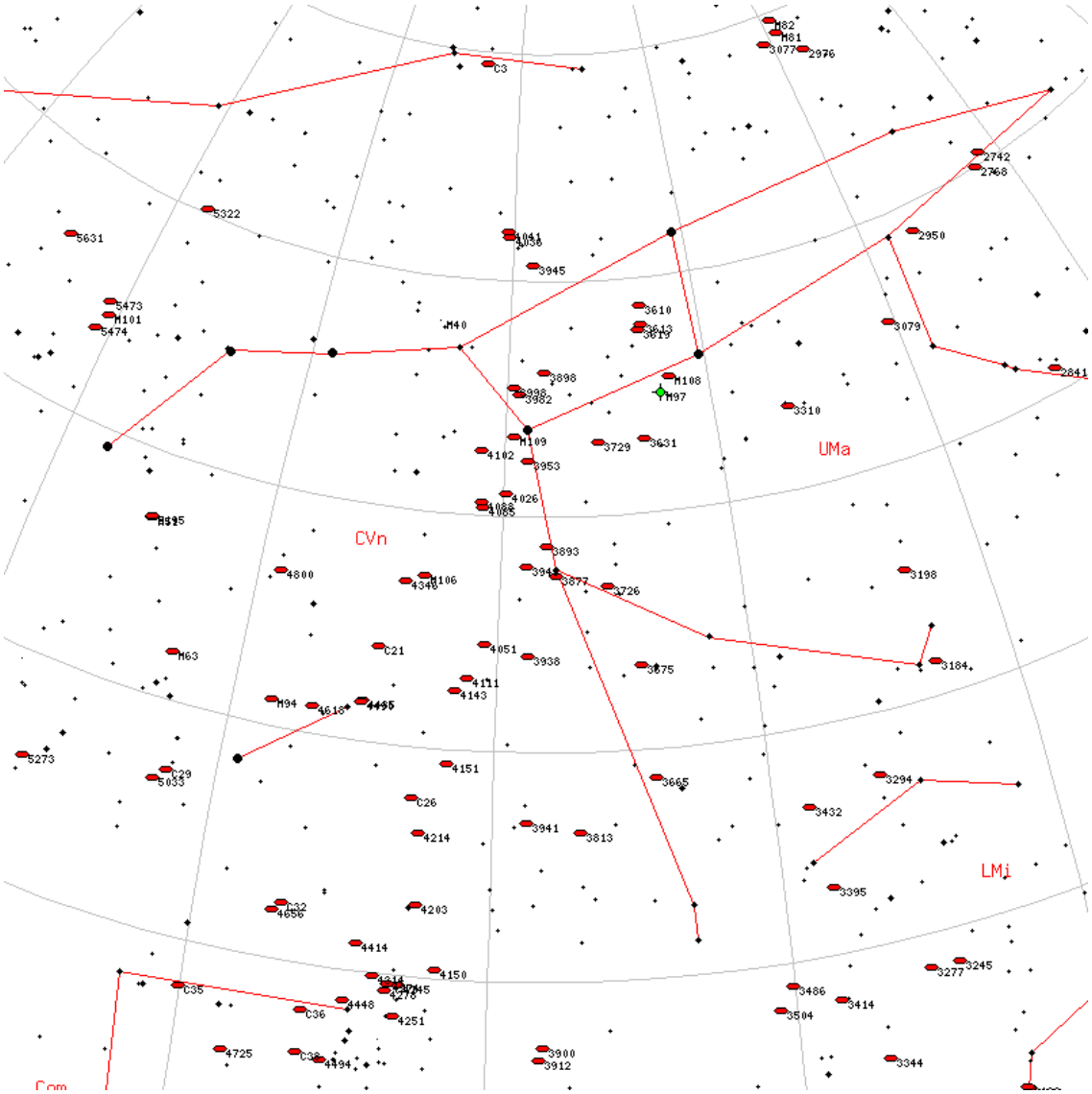
M	NGC6355	**ID**	-
Constellation	Oph	**Type**	Gb
Magnitude	9.6	**Size**	5 x 5
RA	17h 23m	**Dec**	-26d 21m
Name			
Description	cF, L, R, gbM, rrr		

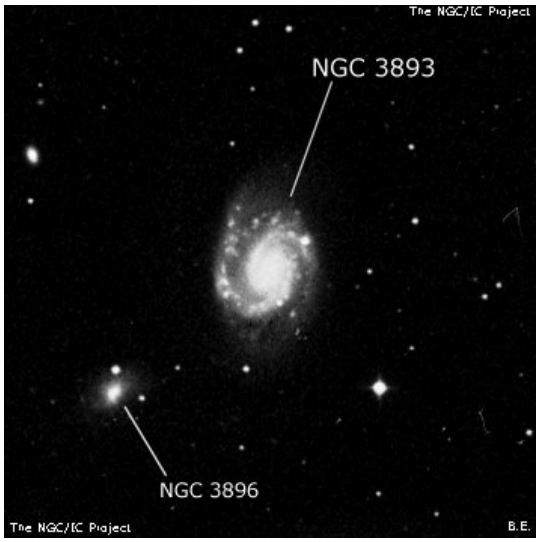




NGC3893

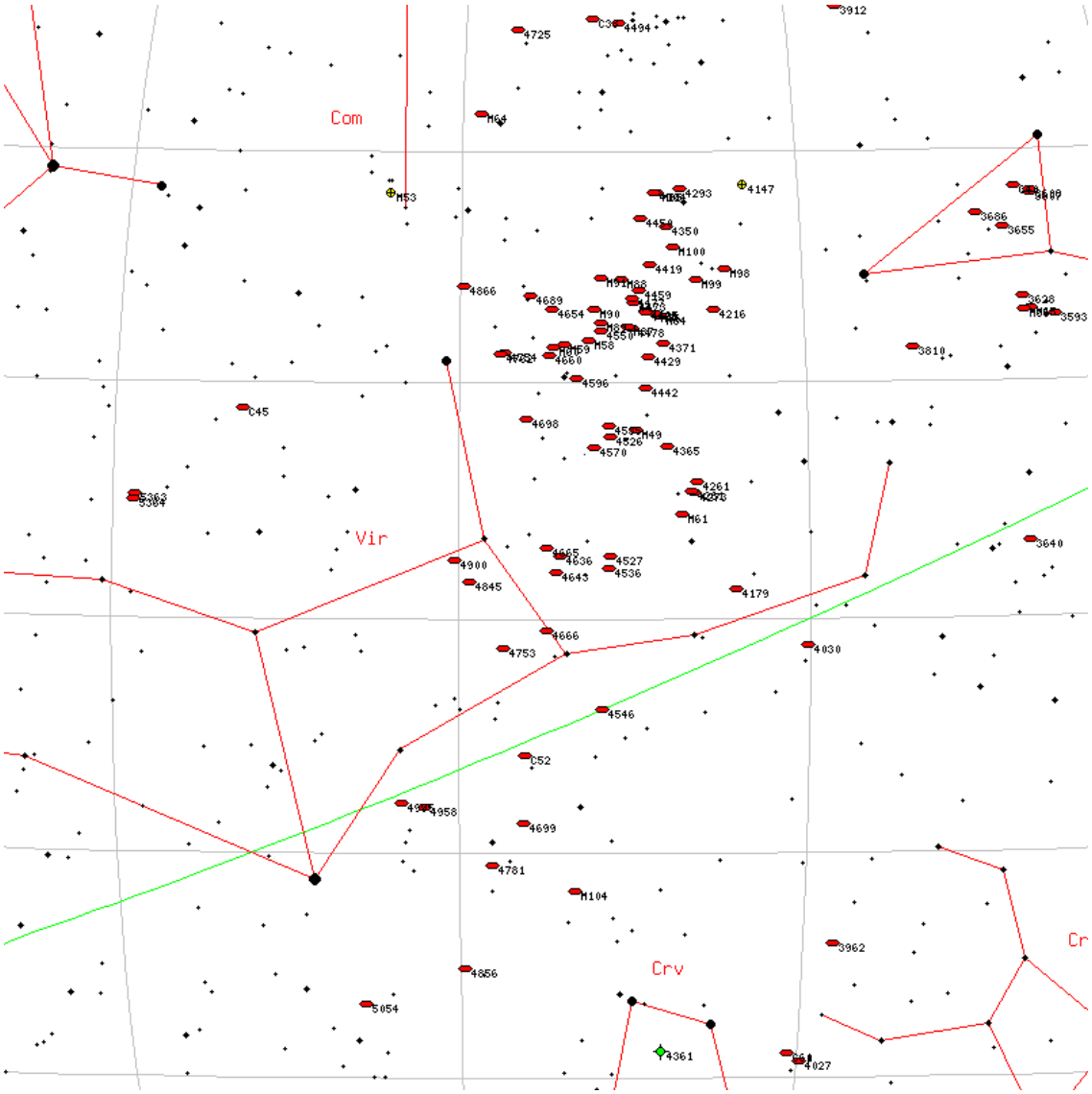
M	NGC3893	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	11	**Size**	2.2 x 1.4
RA	11h 48m	**Dec**	+48d 43m
Name			
Description	B, pL, R, mbM		

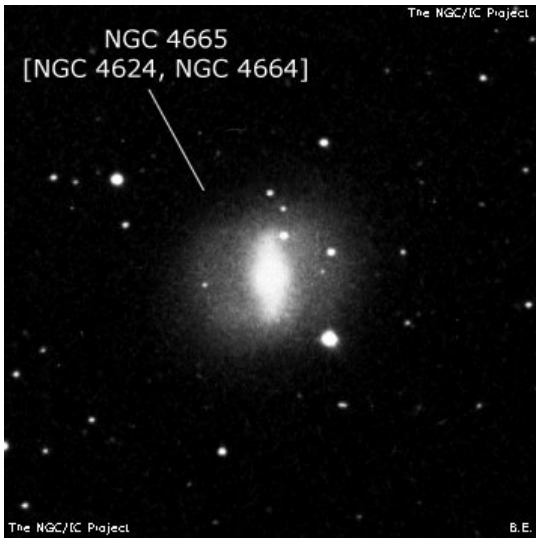




NGC4665

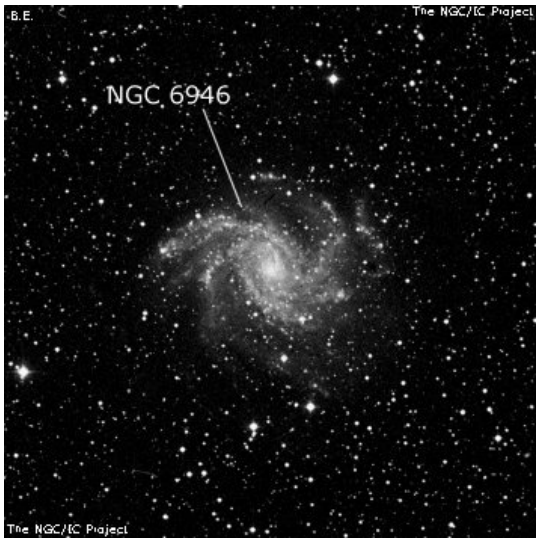
M	NGC4665	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	12	**Size**	4.2 x 4.2
RA	12h 45m	**Dec**	+03d 02m
Name			
Description	B, pL, iR, mbM, *10 sp		





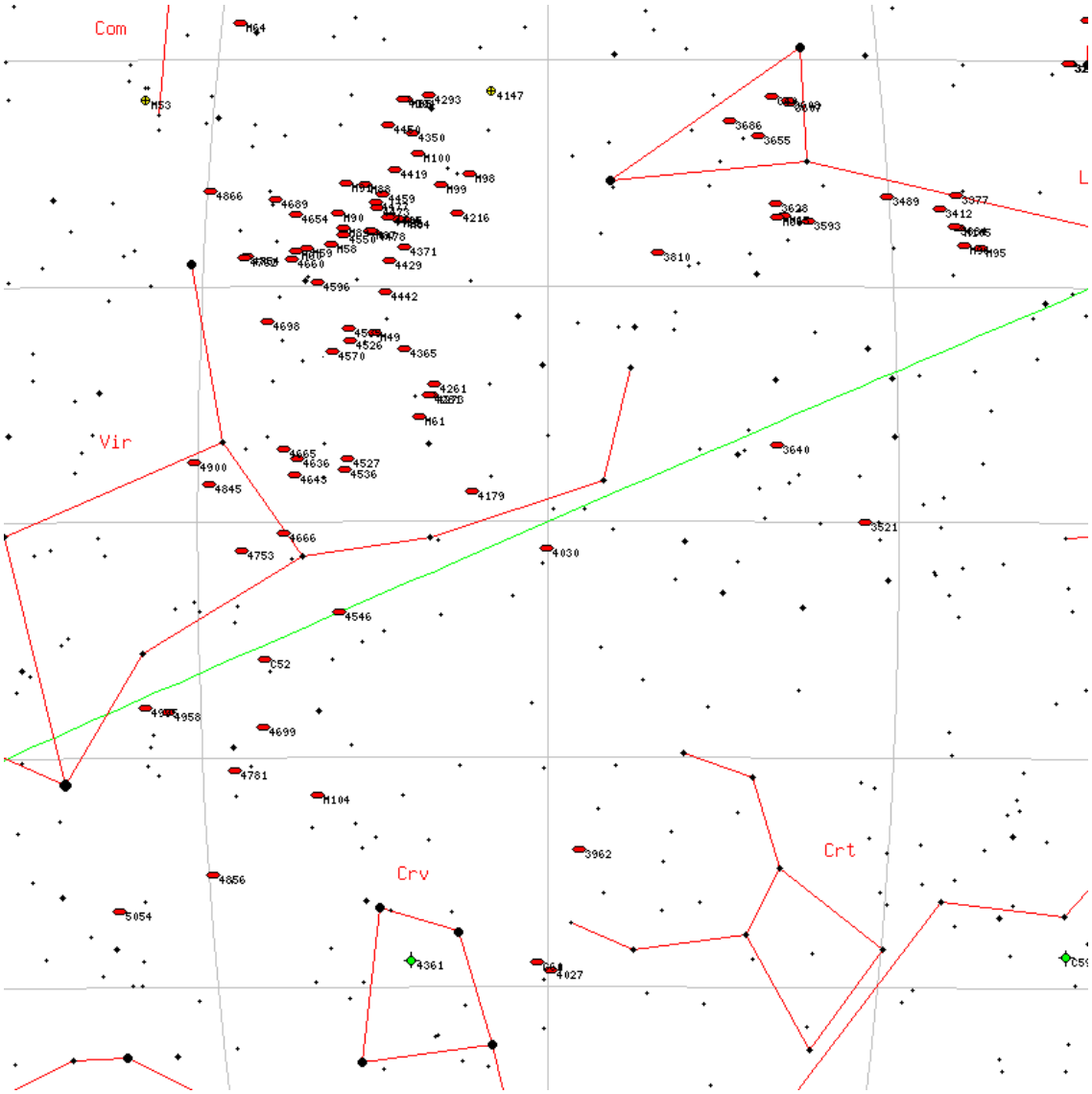
NGC6946

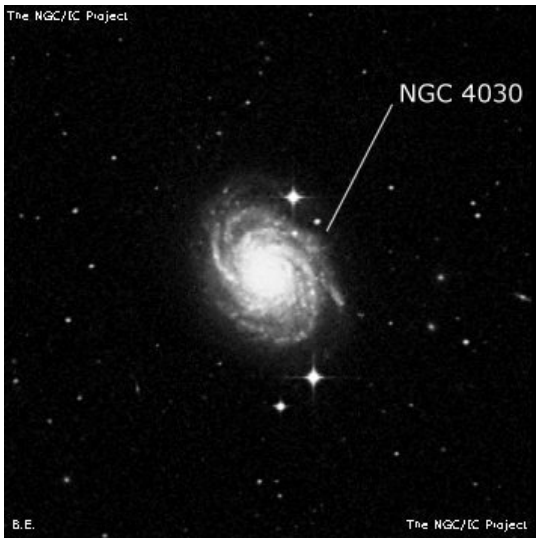
M	NGC6946	**ID**	-
Constellation	Cep	**Type**	Gx
Magnitude	8.9	**Size**	11 x 11
RA	20h 34m	**Dec**	+60d 08m
Name			
Description	vF, vL, vg, vsbM, rr		



NGC4030

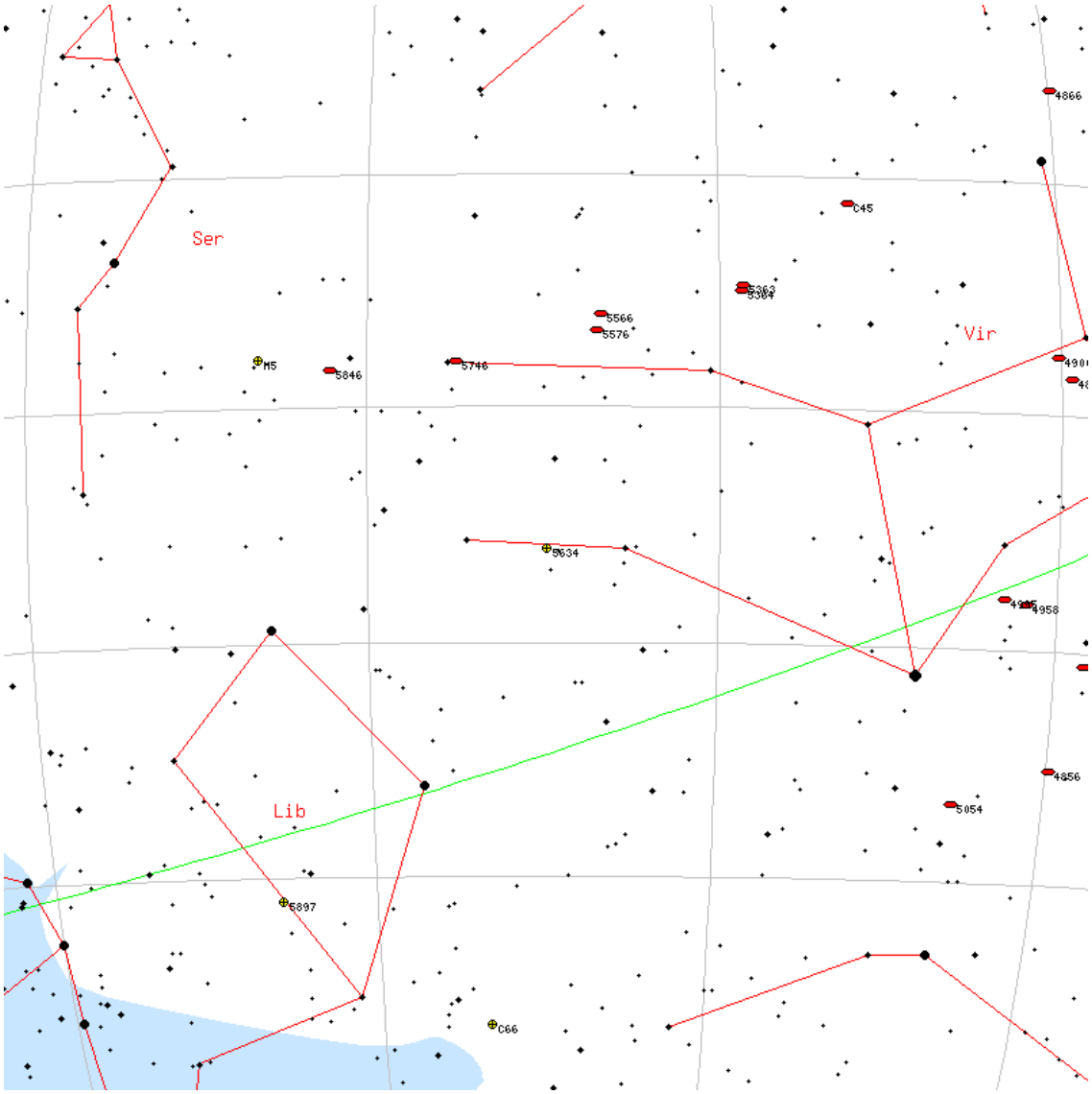
M	NGC4030	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	12	**Size**	2.1 x 1.5
RA	12h 00m	**Dec**	-01d 06m
Name			
Description	cB, L, vlE, psmbM, B st nr		

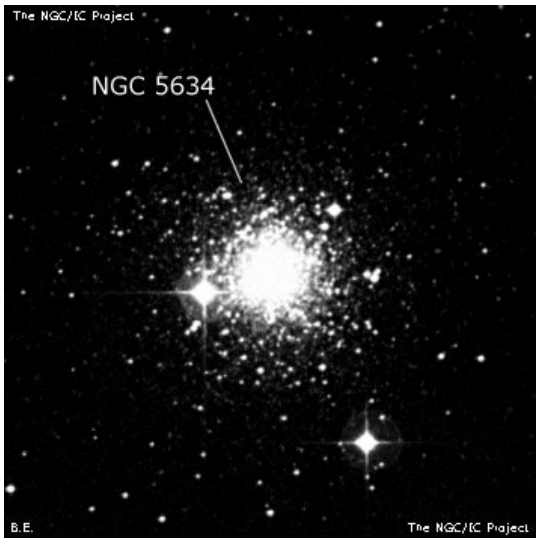




NGC5634

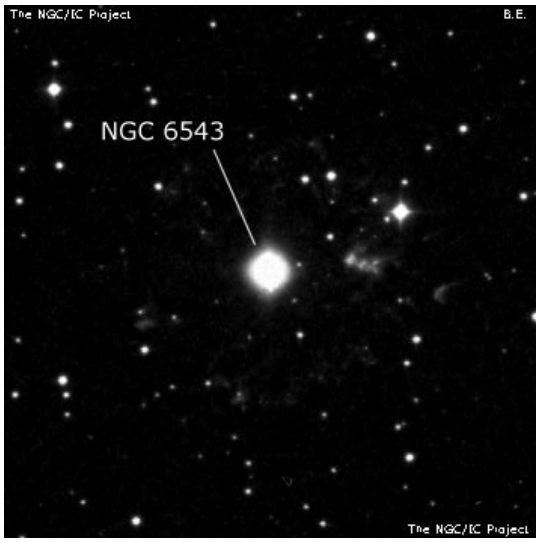
M	NGC5634	**ID**	-
Constellation	Vir	**Type**	Gb
Magnitude	9.6	**Size**	4.9 x 4.9
RA	14h 29m	**Dec**	-05d 58m
Name			
Description	glob. cl. , vB, cL, R, gbM, rrr st 19, *8 sf		





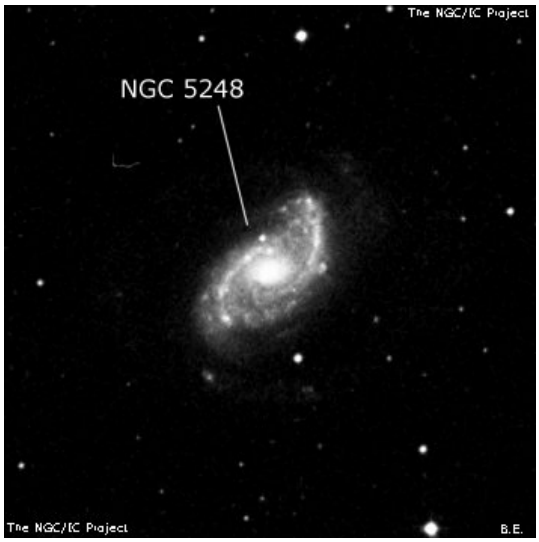
NGC6543

M	NGC6543	**ID**	-
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		



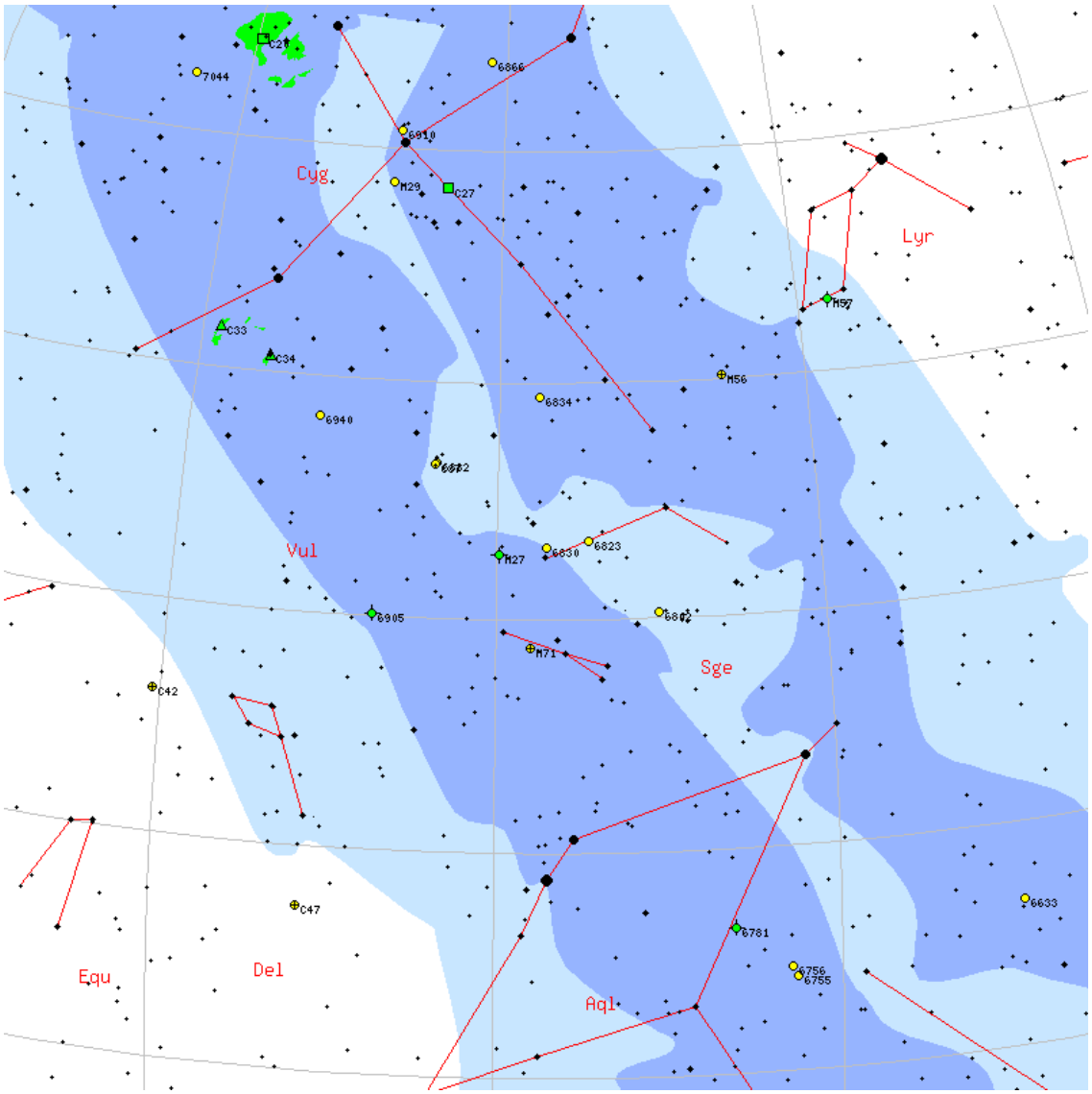
NGC5248

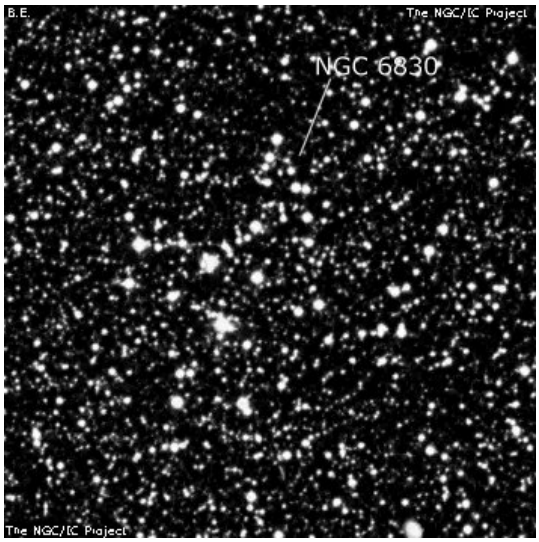
M	NGC5248	**ID**	-
Constellation	Boo	**Type**	Gx
Magnitude	10.2	**Size**	3.1 x 2.2
RA	13h 37m	**Dec**	+08d 52m
Name			
Description	B, L, E 150deg , psbMrN		



NGC6830

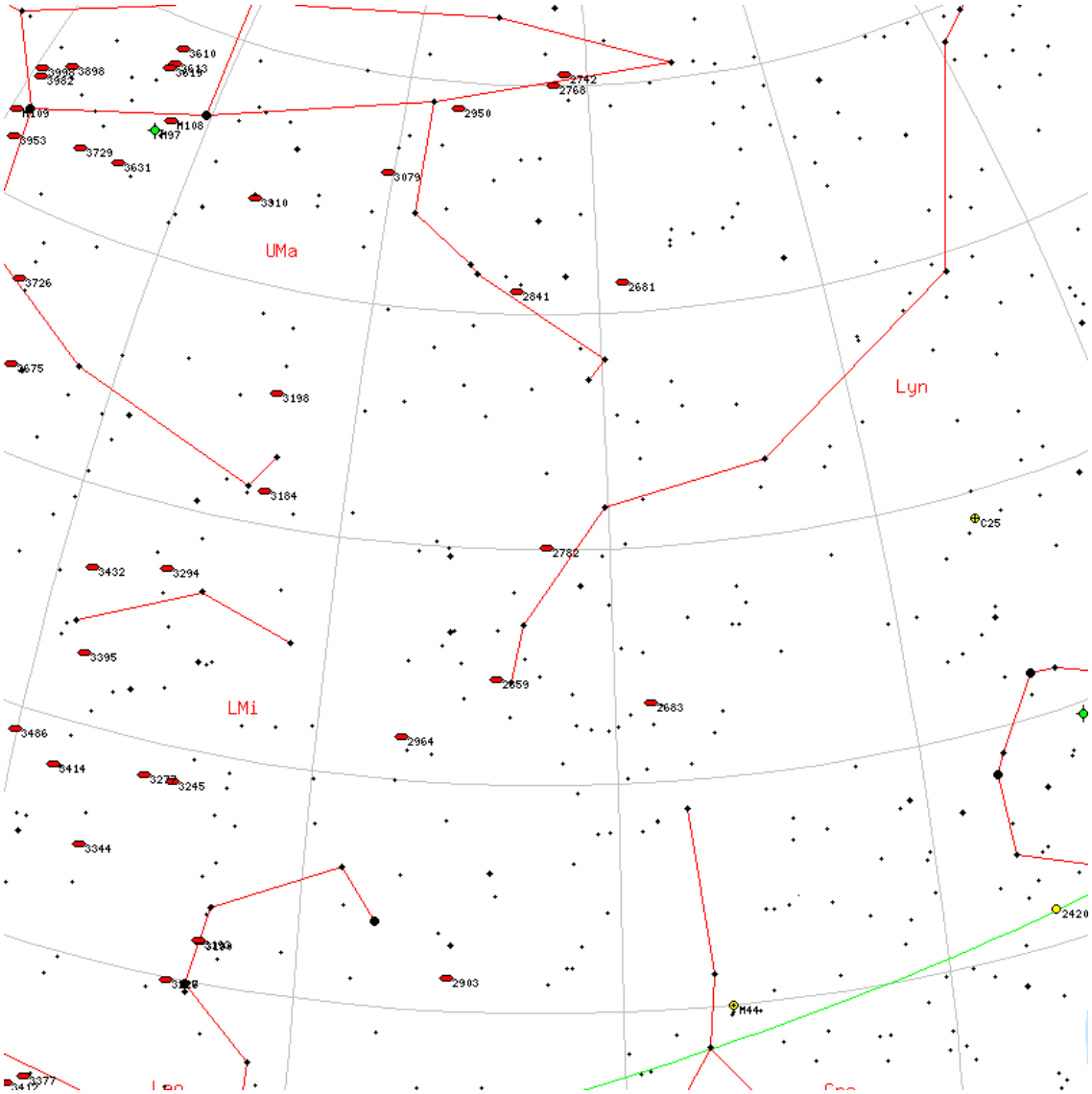
M	NGC6830	**ID**	-
Constellation	Vul	**Type**	OC
Magnitude	7.9	**Size**	12 x 12
RA	19h 51m	**Dec**	+23d 04m
Name			
Description	Cl, L, pRi, pC, st 11...12		





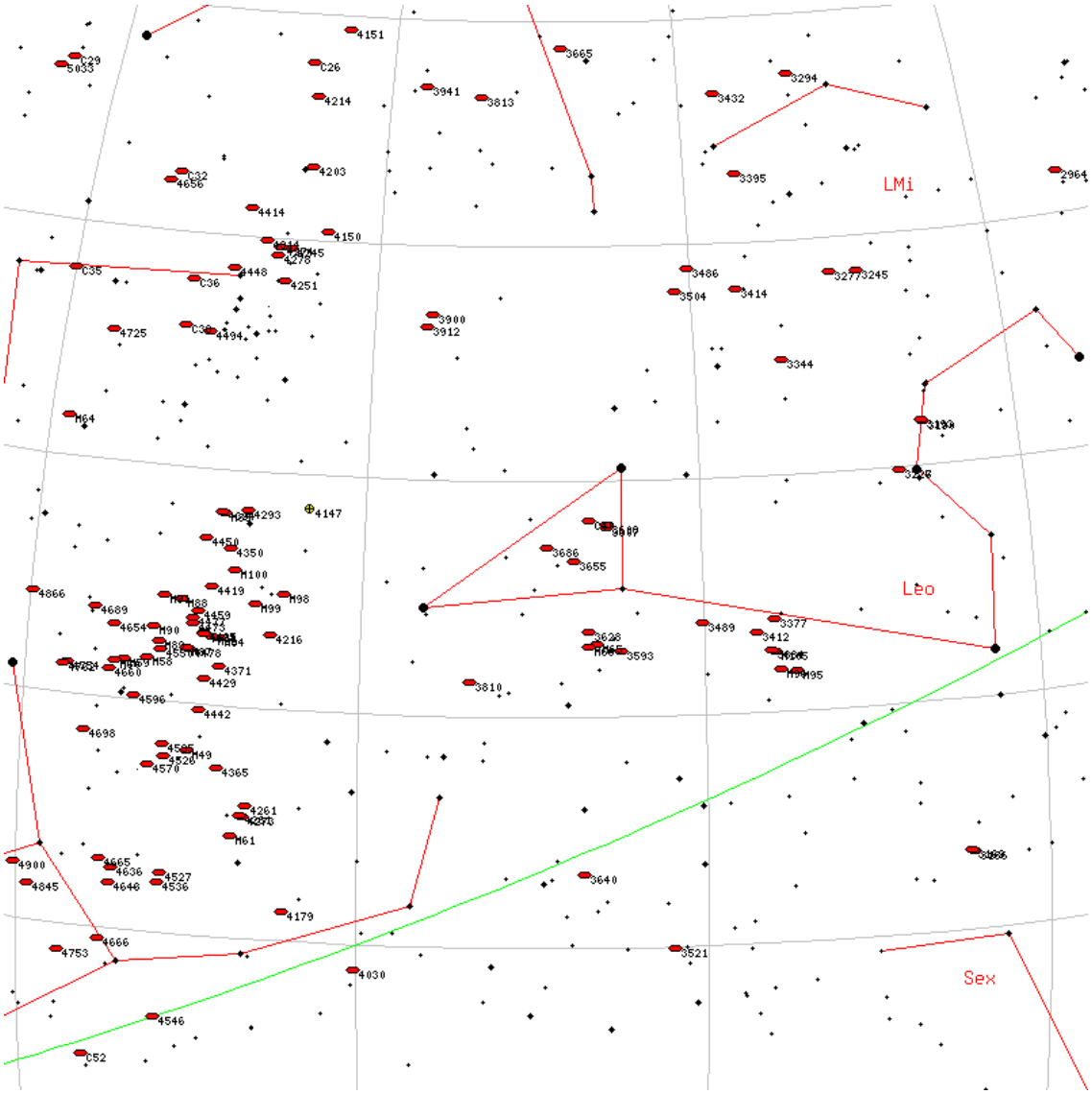
NGC2782

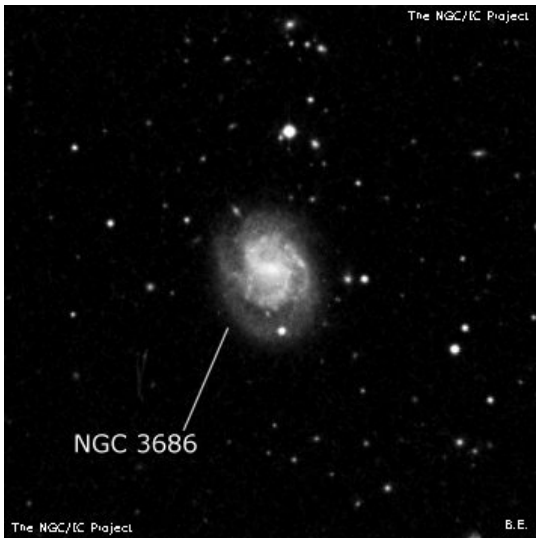
M	NGC2782	**ID**	-
Constellation	Lyn	**Type**	Gx
Magnitude	11.5	**Size**	3.8 x 3.8
RA	09h 14m	**Dec**	+40d 07m
Name			
Description	cB, R, mbMBN		



NGC3686

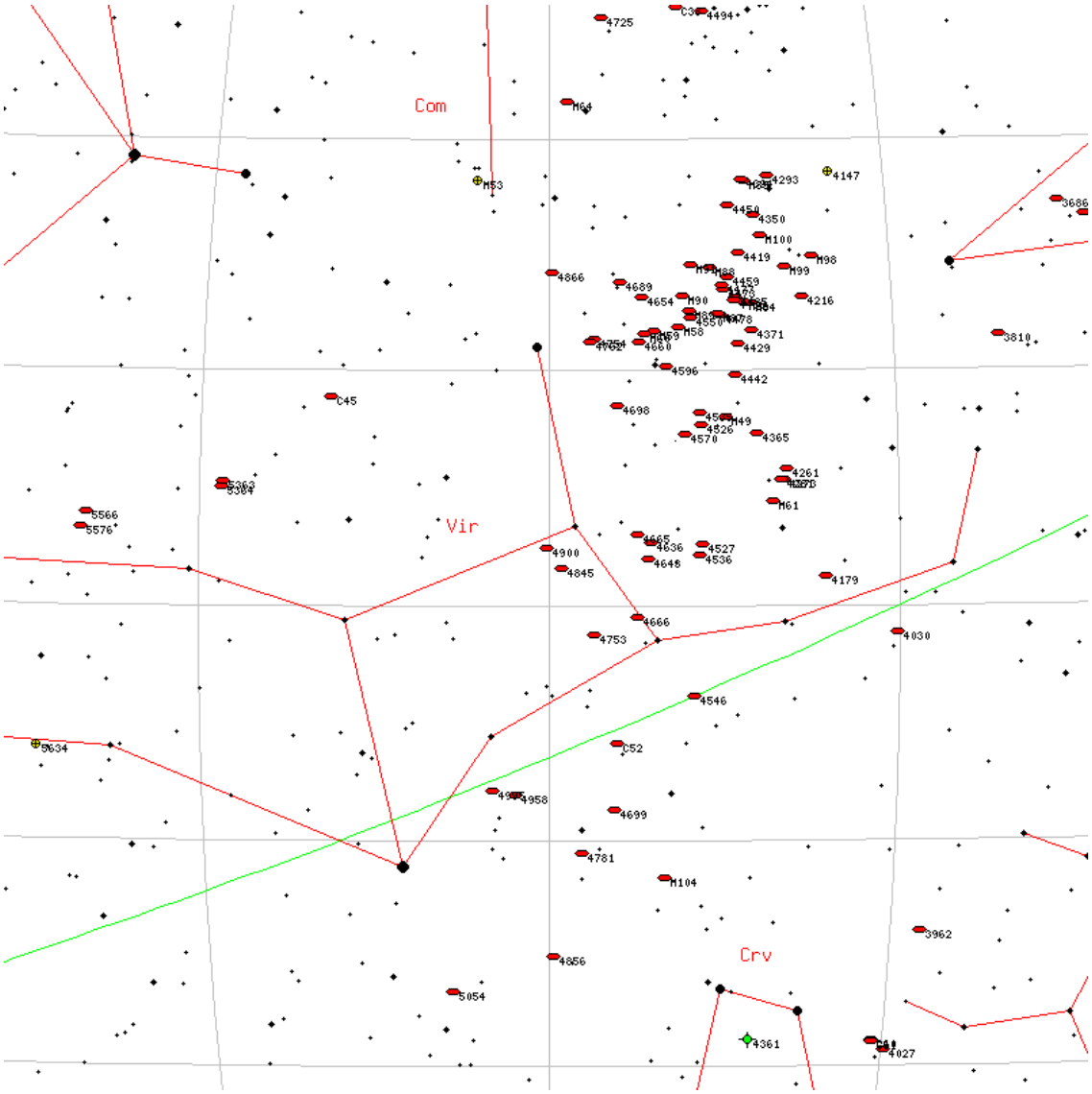
M	NGC3686	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	11.4	**Size**	1.6 x 1.3
RA	11h 27m	**Dec**	+17d 13m
Name			
Description	pB, L, vlE, vgbM, r		

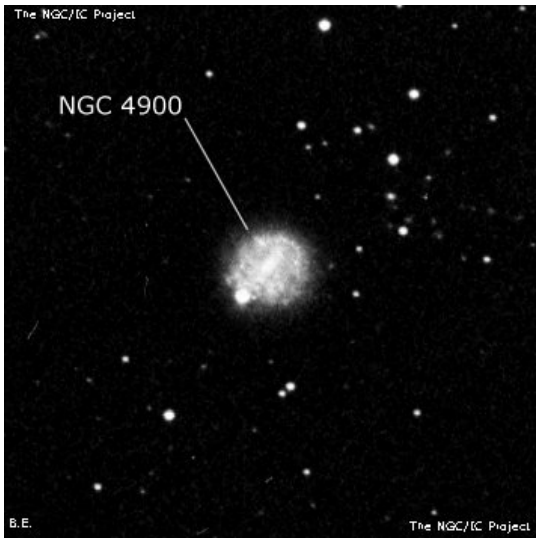




NGC4900

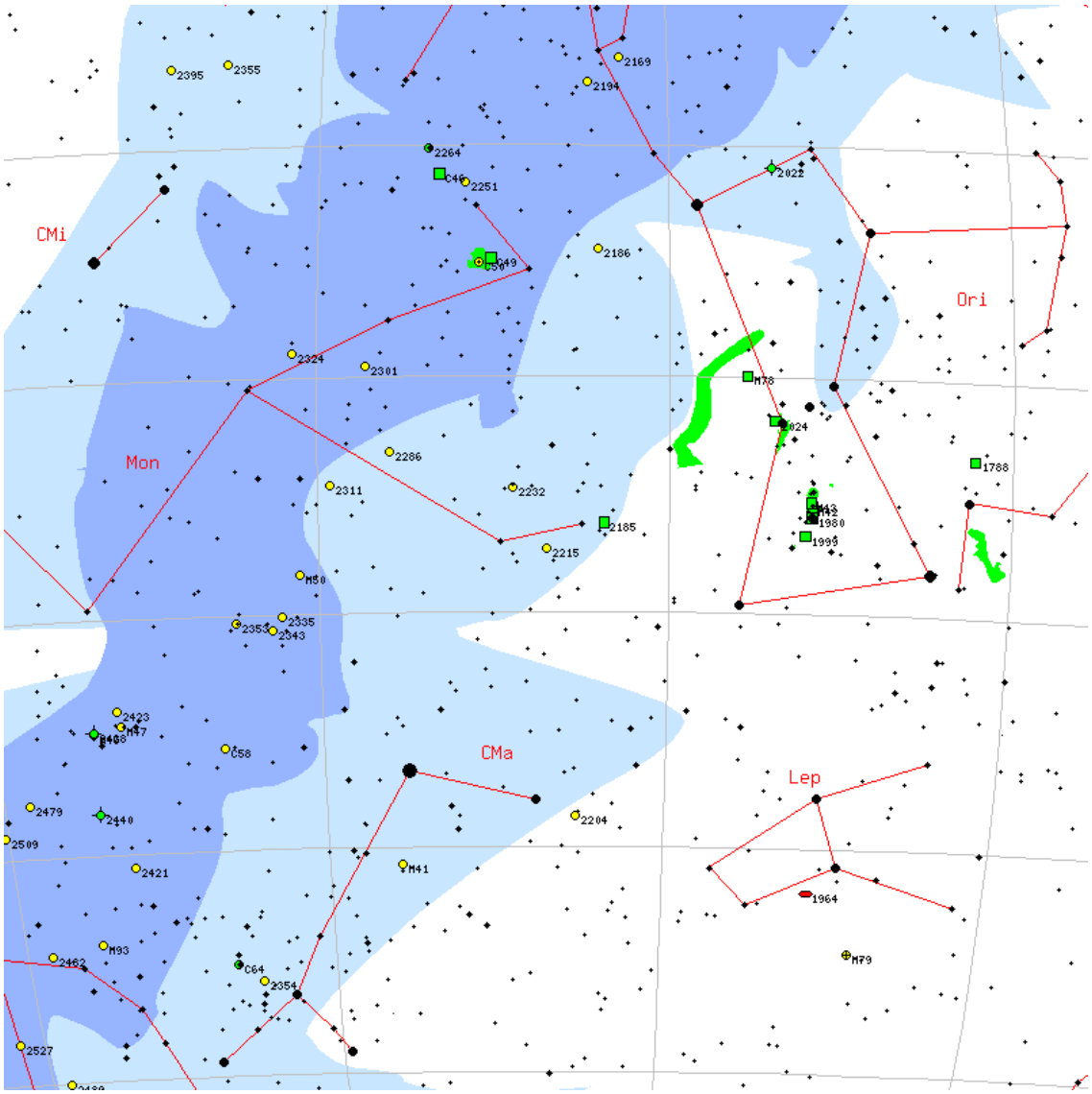
M	NGC4900	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	11.5	**Size**	2.3 x 2.3
RA	13h 00m	**Dec**	+02d 30m
Name			
Description	cB, cE, *10 att 135deg +/-		





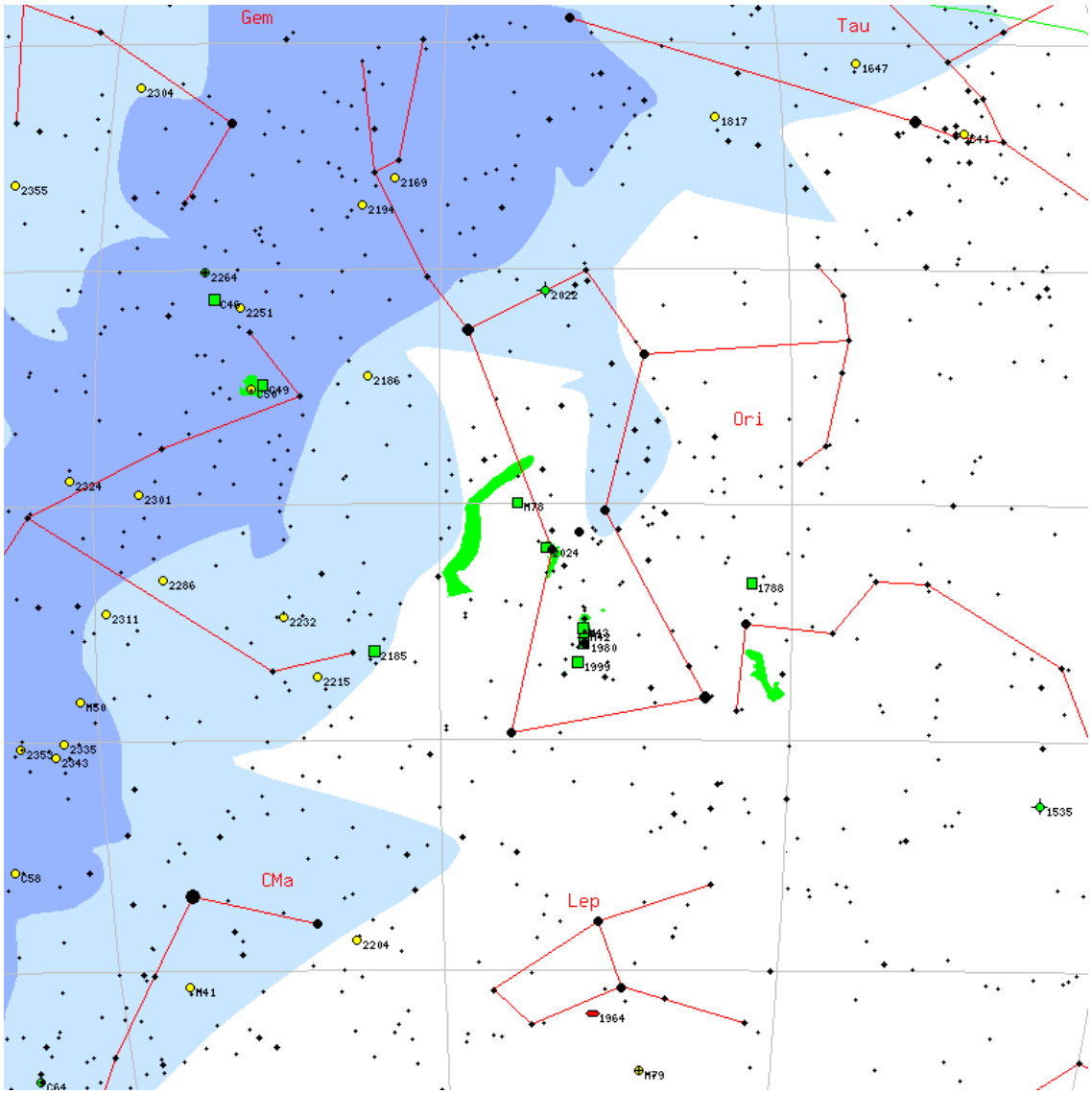
NGC2215

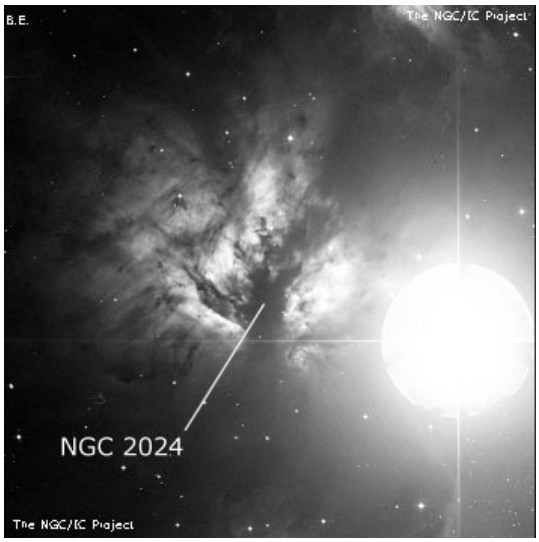
M	NGC2215	**ID**	-
Constellation	Mon	**Type**	OC
Magnitude	8.4	**Size**	11 x 11
RA	06h 20m	**Dec**	-07d 16m
Name			
Description	Cl, cL, pRi, pC, st 11...15		



NGC2024

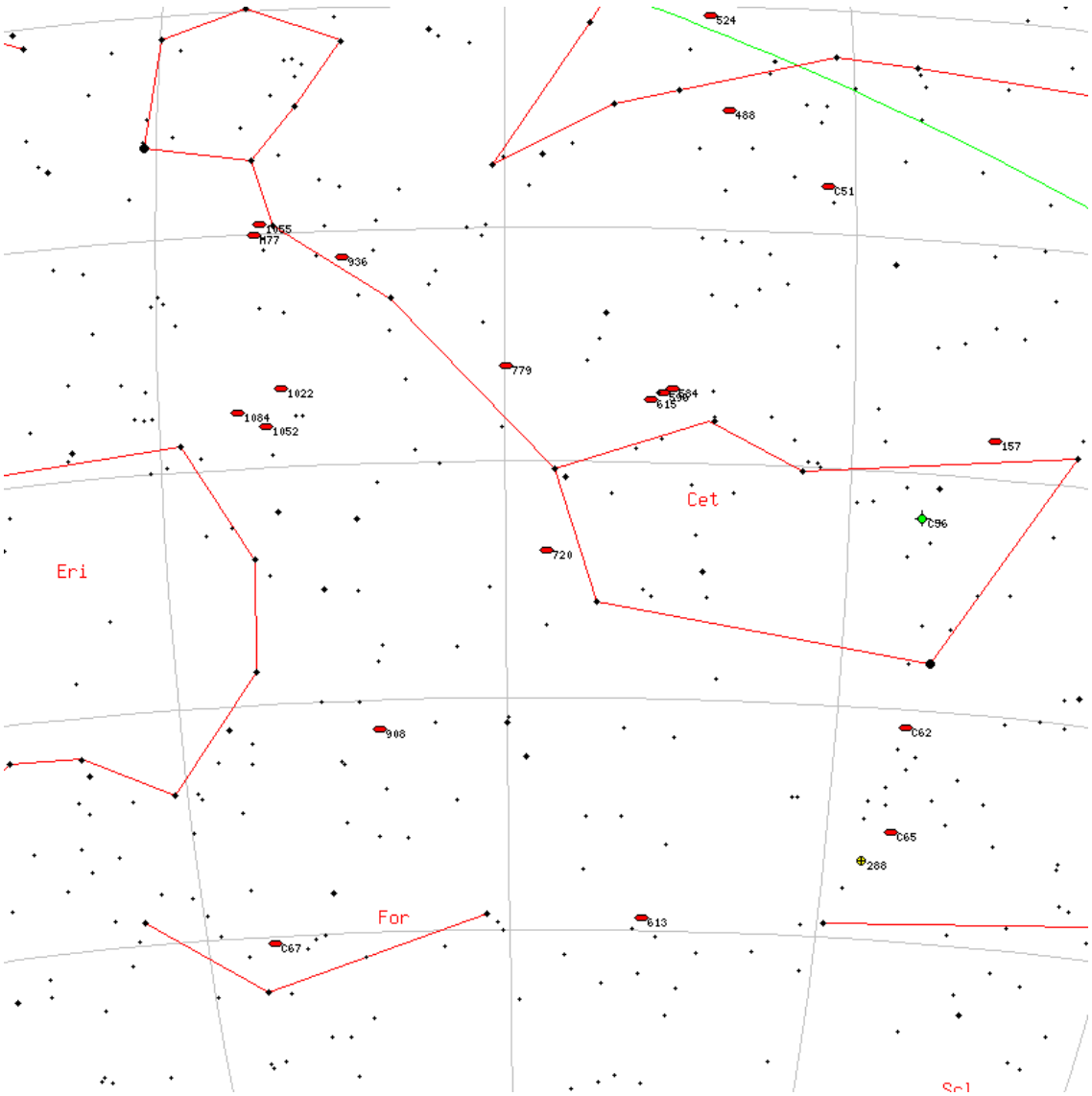
M	NGC2024	**ID**	-
Constellation	Ori	**Type**	Nb
Magnitude	-	**Size**	30 x 30
RA	05h 41m	**Dec**	-01d 51m
Name	Tank track nebula		
Description	! irr, B, vvL, black sp incl		





NGC720

M	NGC720	**ID**	-
Constellation	Cet	**Type**	Gx
Magnitude	10.2	**Size**	2.3 x 1.2
RA	01h 52m	**Dec**	-13d 43m
Name			
Description	cB, pL, IE, psmbM		

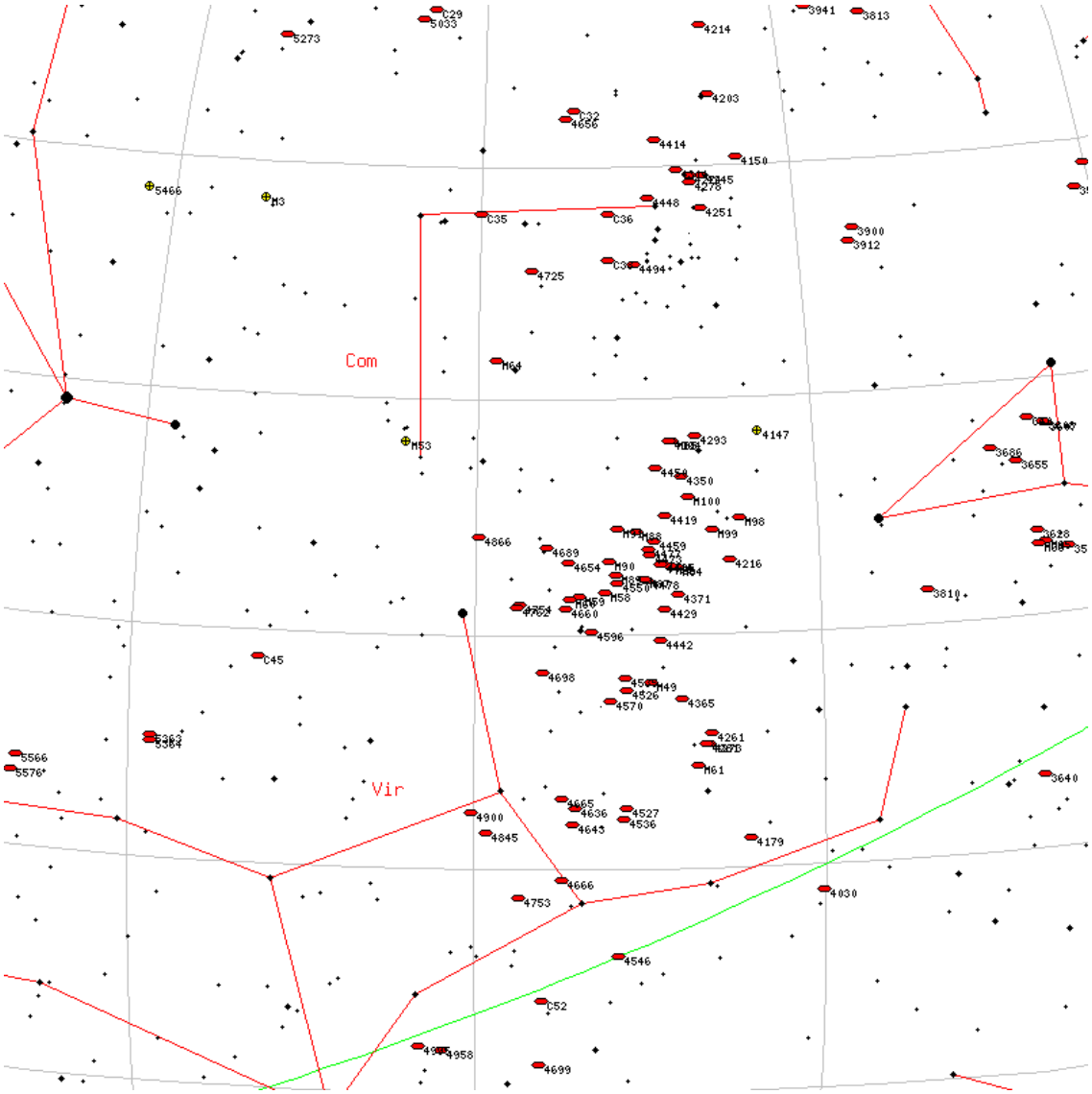


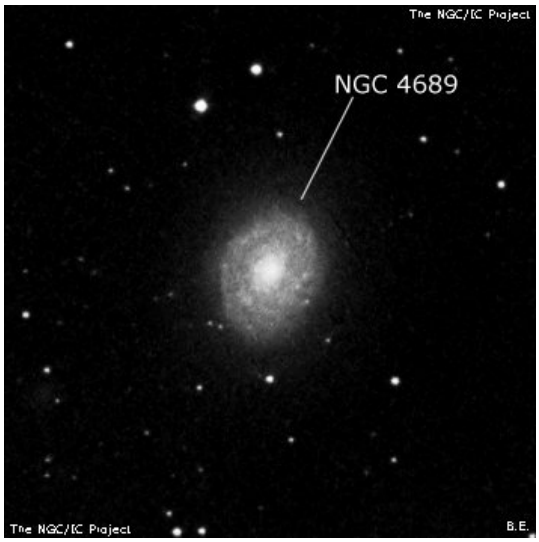
NGC205

M	NGC205	**ID**	-
Constellation	And	**Type**	Gx
Magnitude	8	**Size**	10.9 x 5.5
RA	00h 40m	**Dec**	+41d 40m
Name	Satellite galaxy of Andromeda		
Description	vB, vL, mE 165deg , vgvmbM		

NGC4689

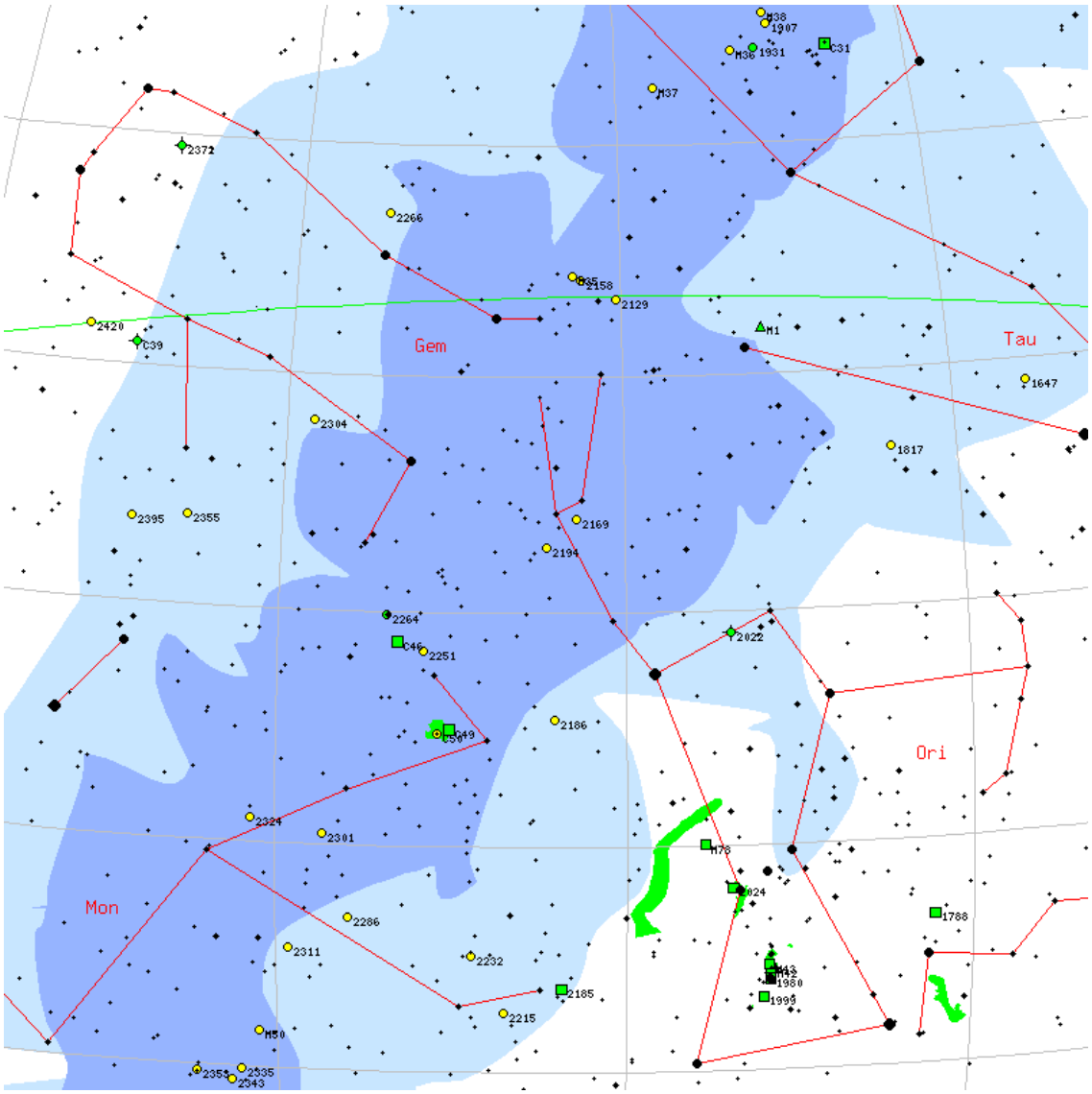
M	NGC4689	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.9	**Size**	4 x 4
RA	12h 47m	**Dec**	+13d 46m
Name			
Description	pB, vL, E, vglbM, r		

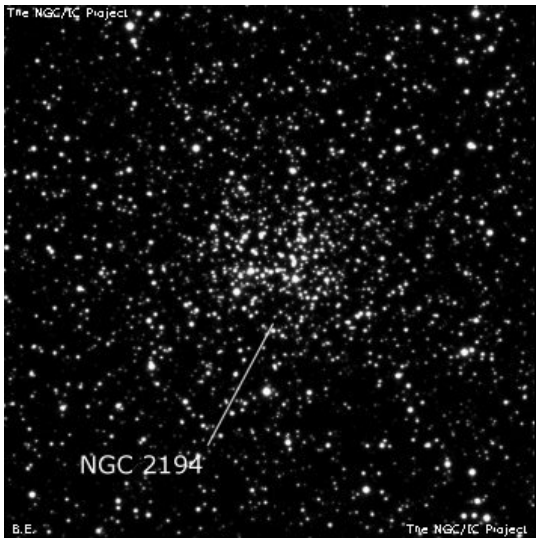




NGC2194

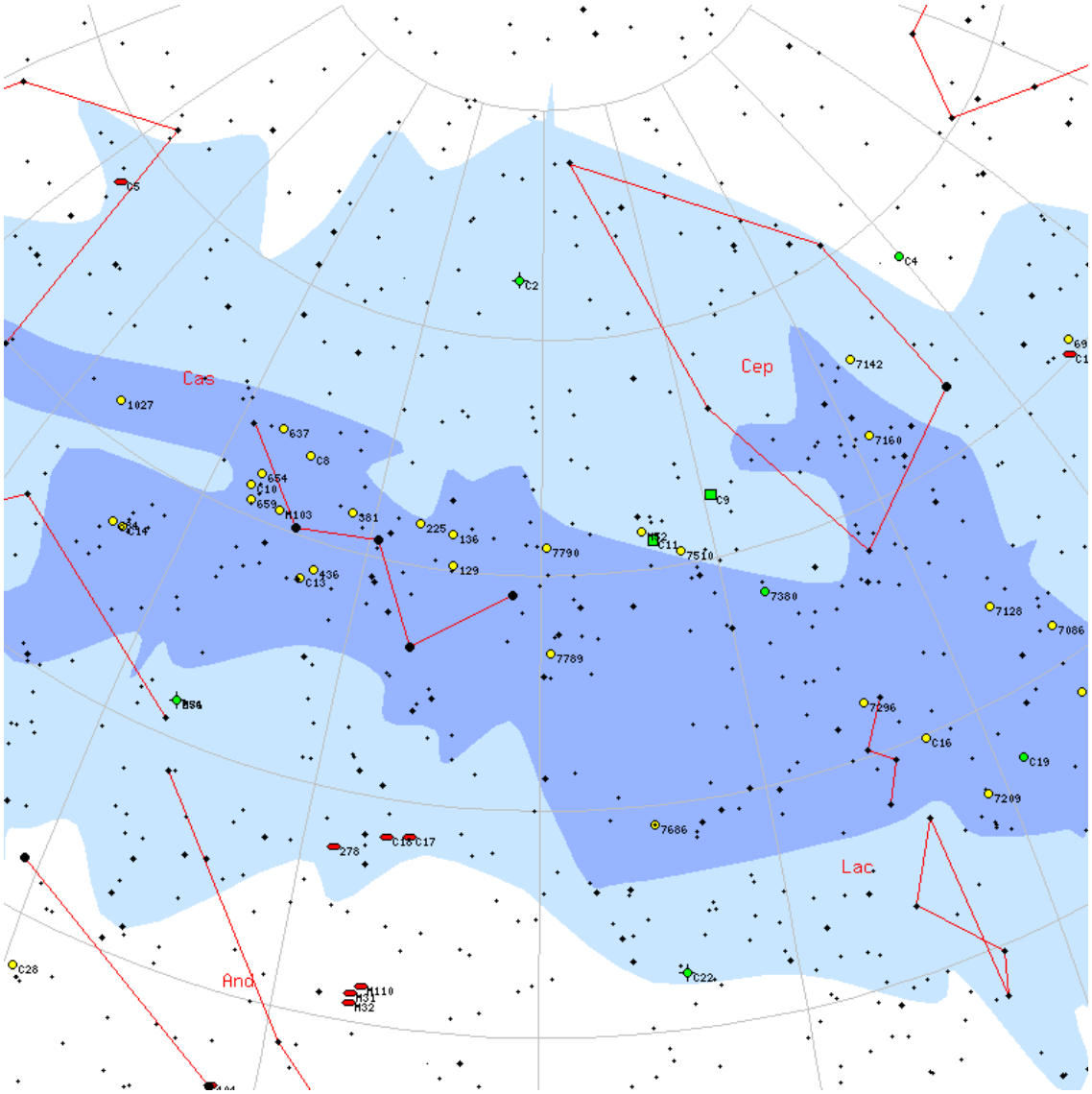
M	NGC2194	**ID**	-
Constellation	Ori	**Type**	OC
Magnitude	8.5	**Size**	10 x 10
RA	06h 13m	**Dec**	+12d 48m
Name			
Description	Cl, L, Ri, gvmCM		

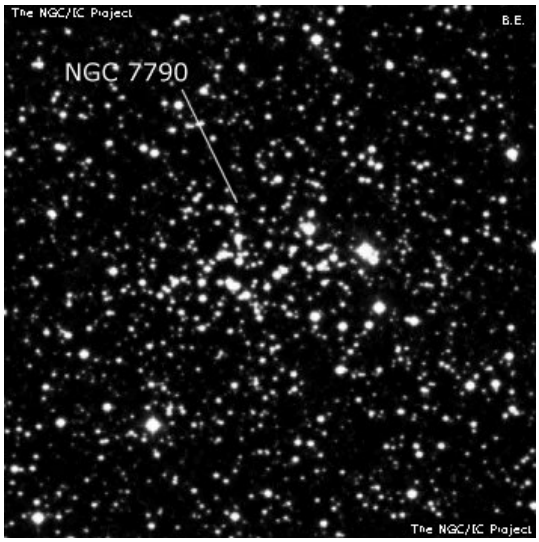




NGC7790

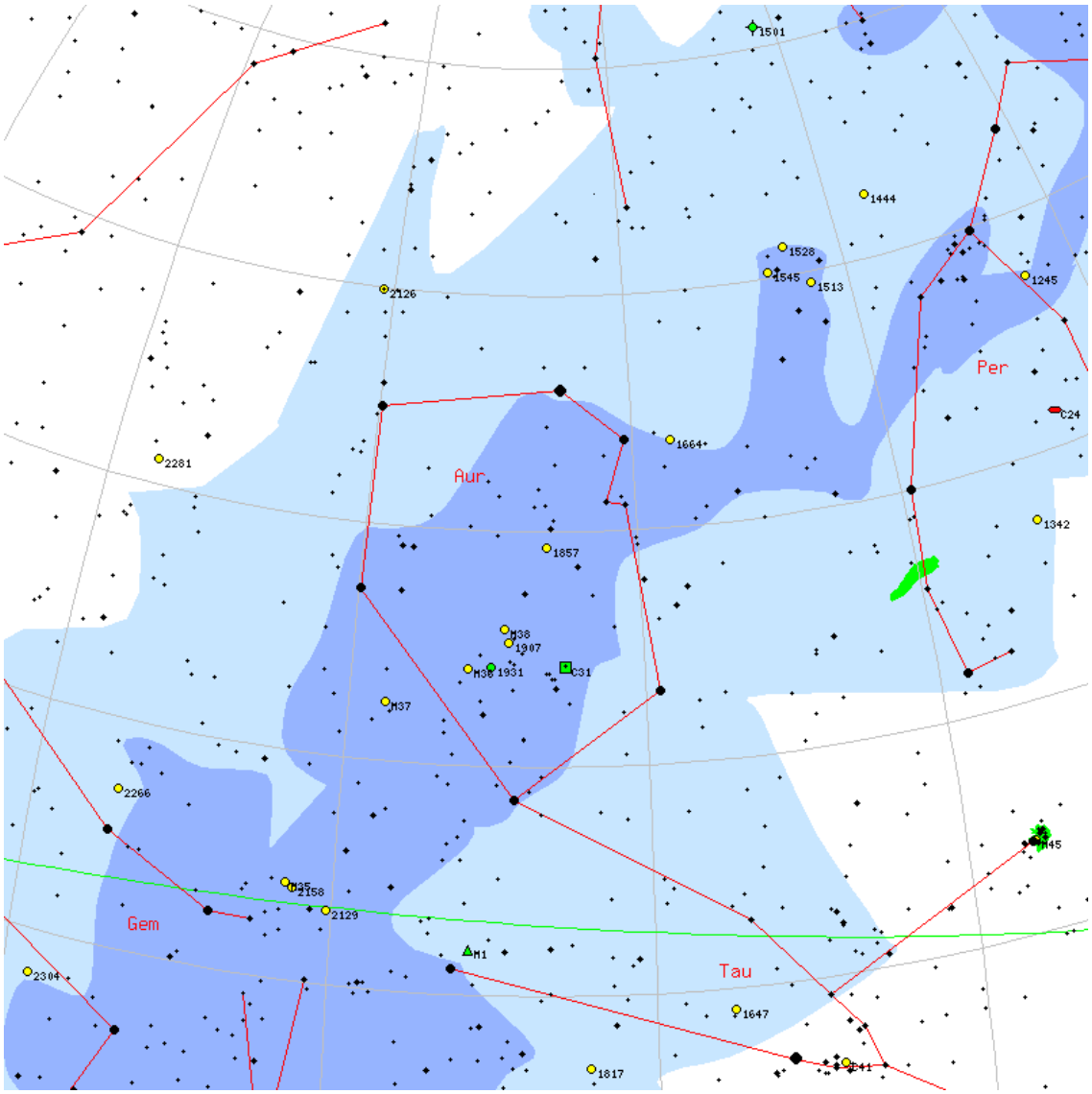
M	NGC7790	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	8.5	**Size**	17 x 17
RA	23h 58m	**Dec**	+61d 13m
Name			
Description	Cl, pRi, pC		





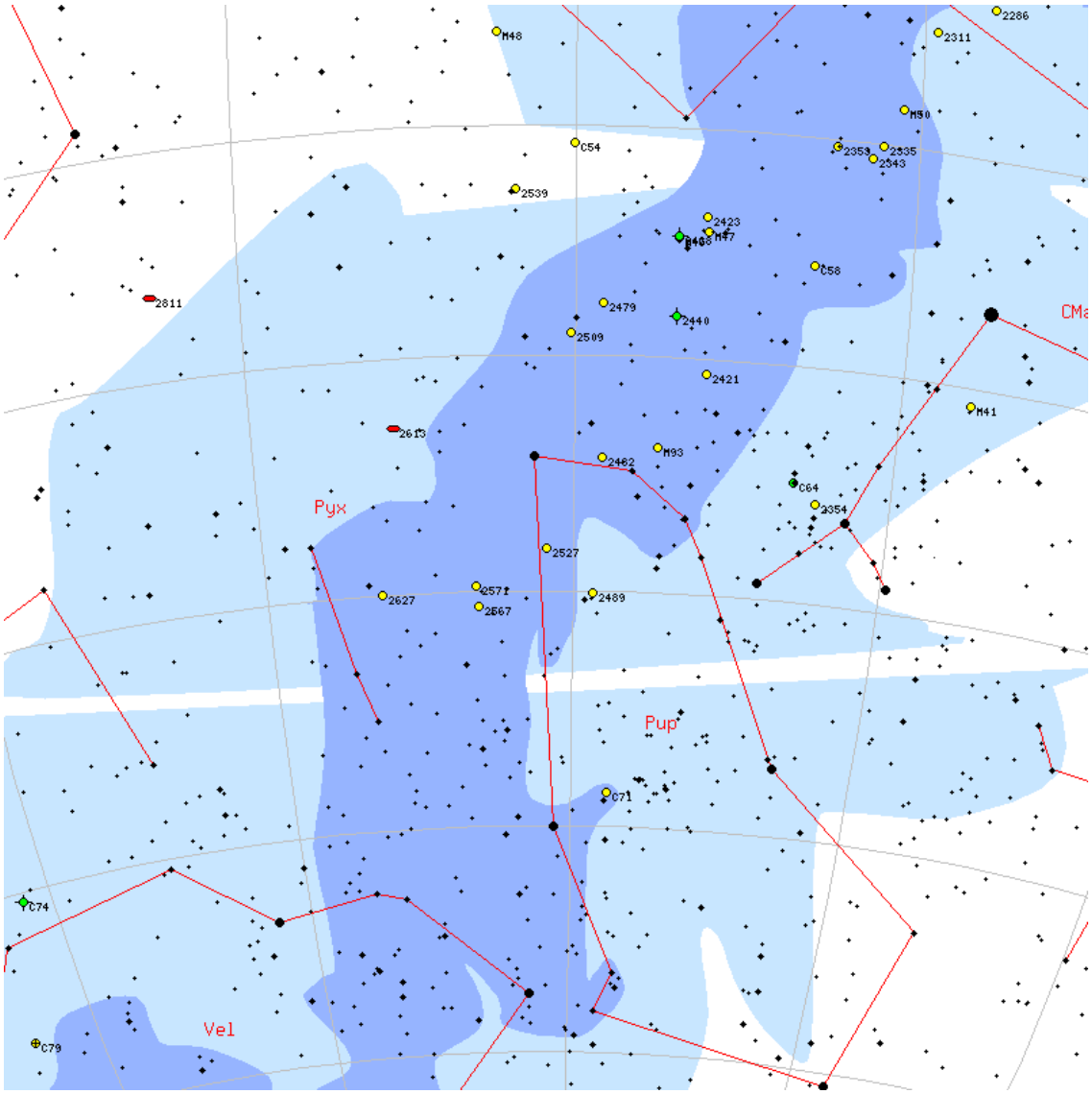
NGC1857

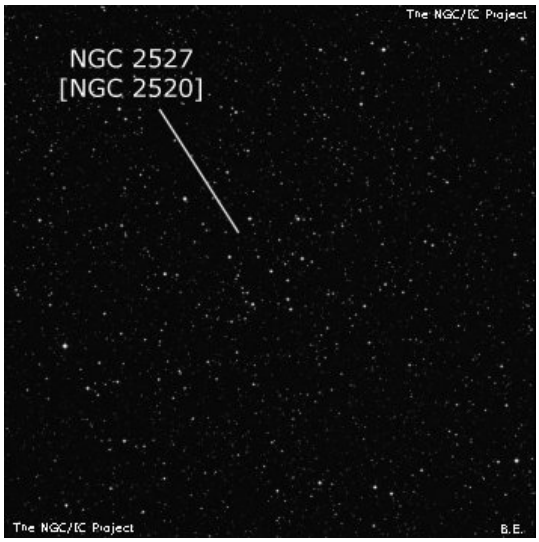
M	NGC1857	**ID**	-
Constellation	Aur	**Type**	OC
Magnitude	7	**Size**	6 x 6
RA	05h 20m	**Dec**	+39d 21m
Name			
Description	Cl, pRi, pC, st 7...		



NGC2527

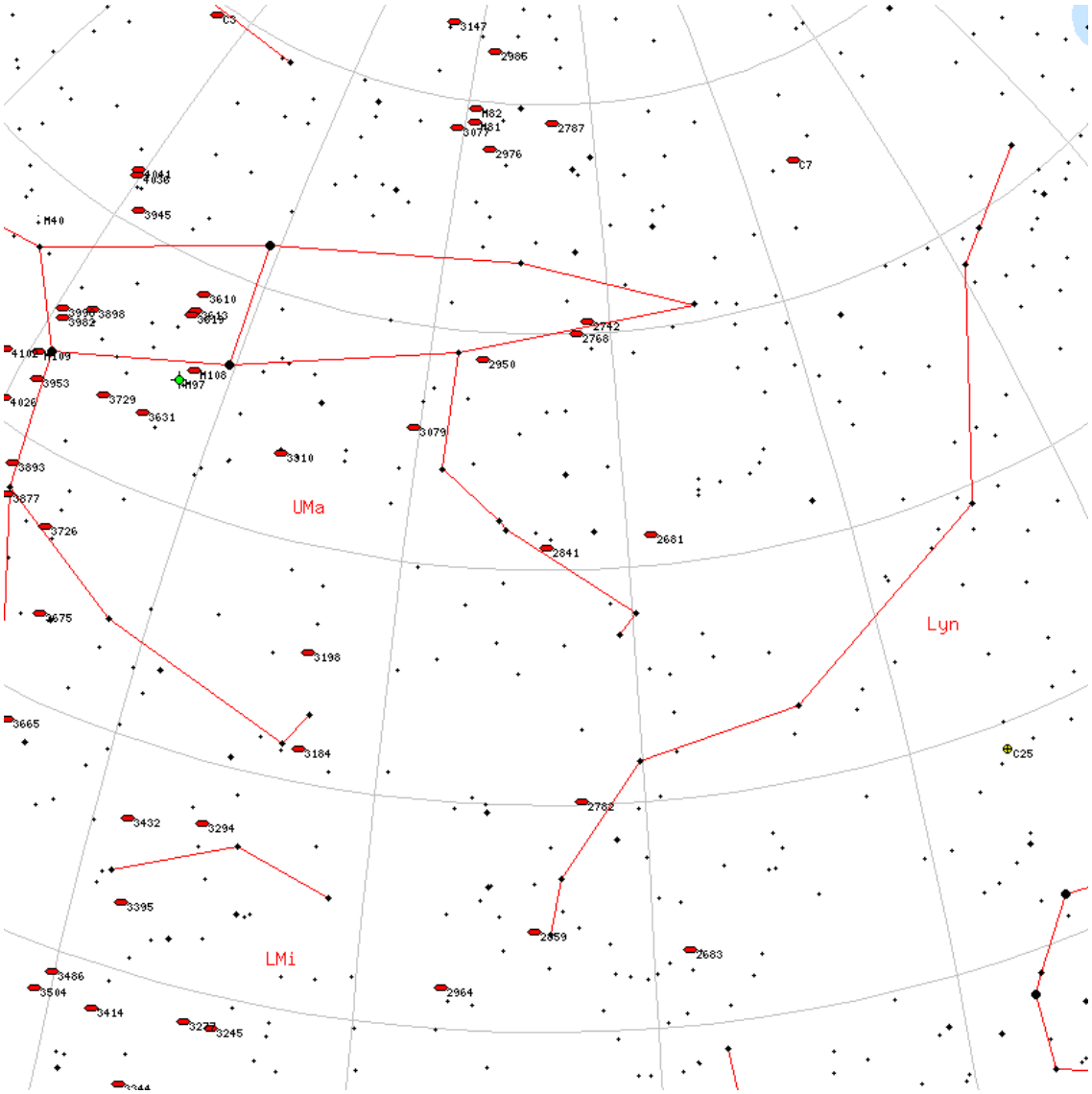
M	NGC2527	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	6.5	**Size**	22 x 22
RA	08h 05m	**Dec**	-28d 10m
Name			
Description	Cl, vL, pRi, IC, st 10...15		

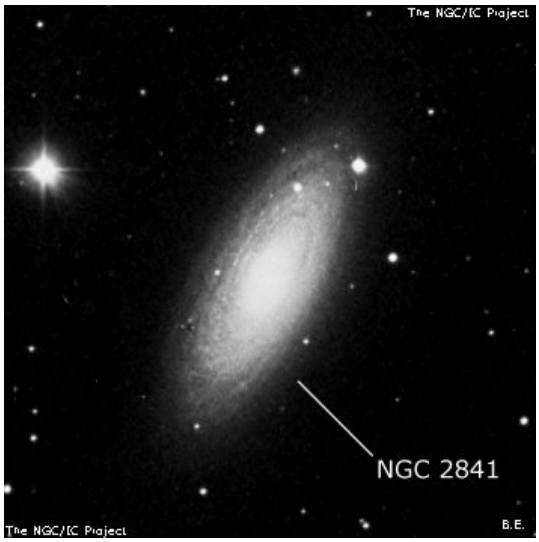




NGC2841

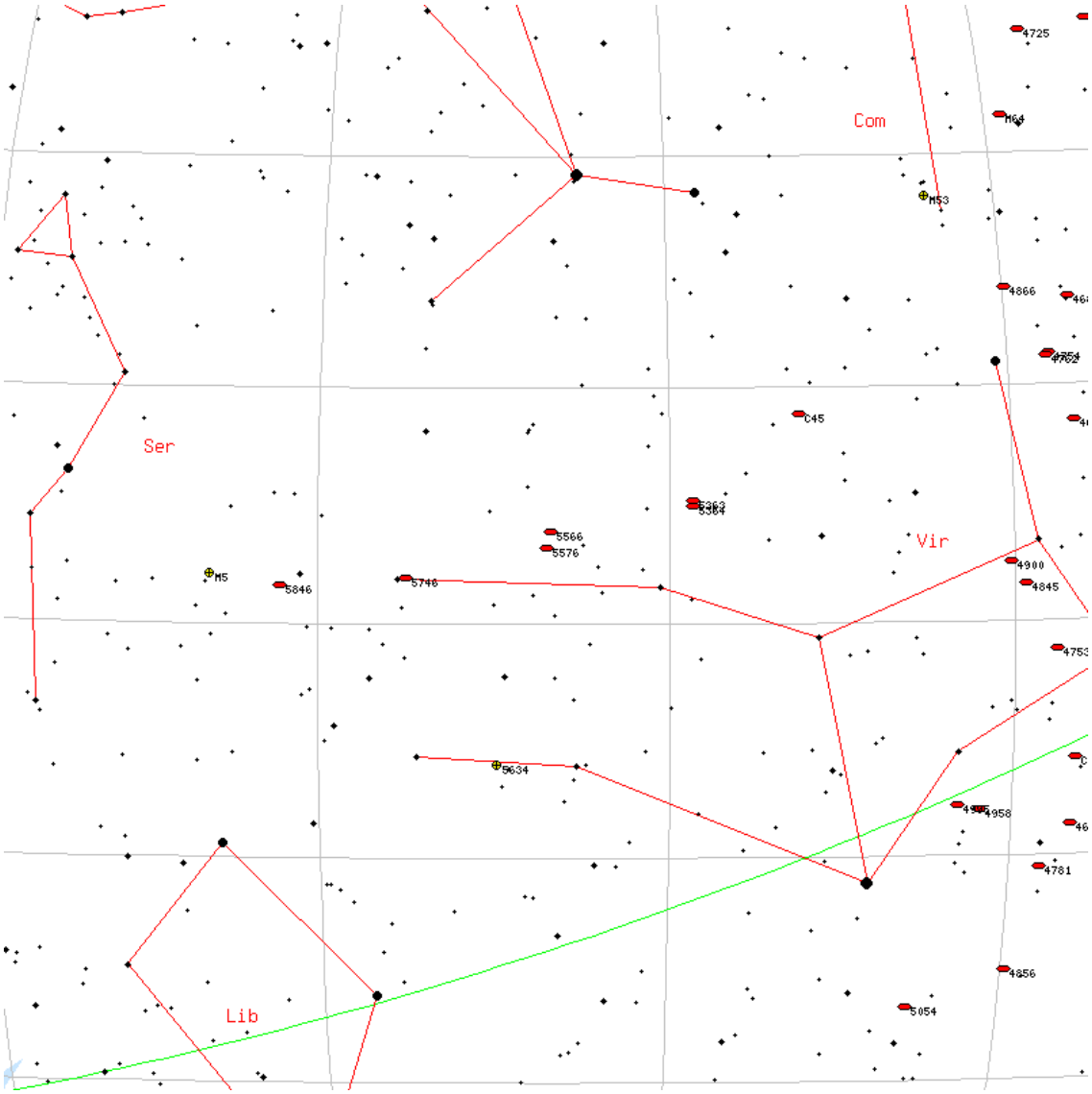
M	NGC2841	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	9.3	**Size**	4.1 x 1.8
RA	09h 22m	**Dec**	+50d 58m
Name			
Description	vB, L, vmE 151deg , vsmbM = *10		

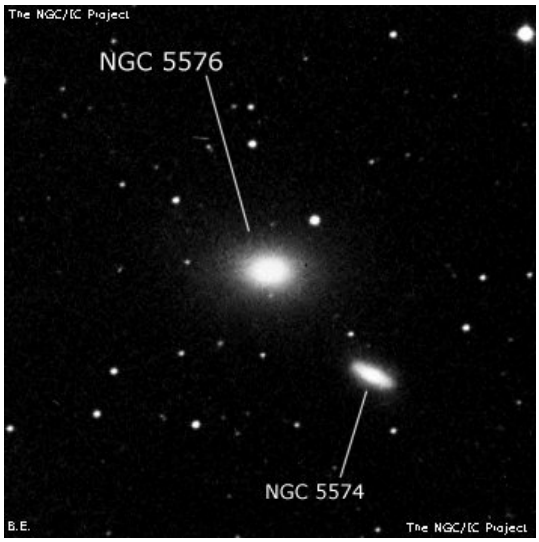




NGC5576

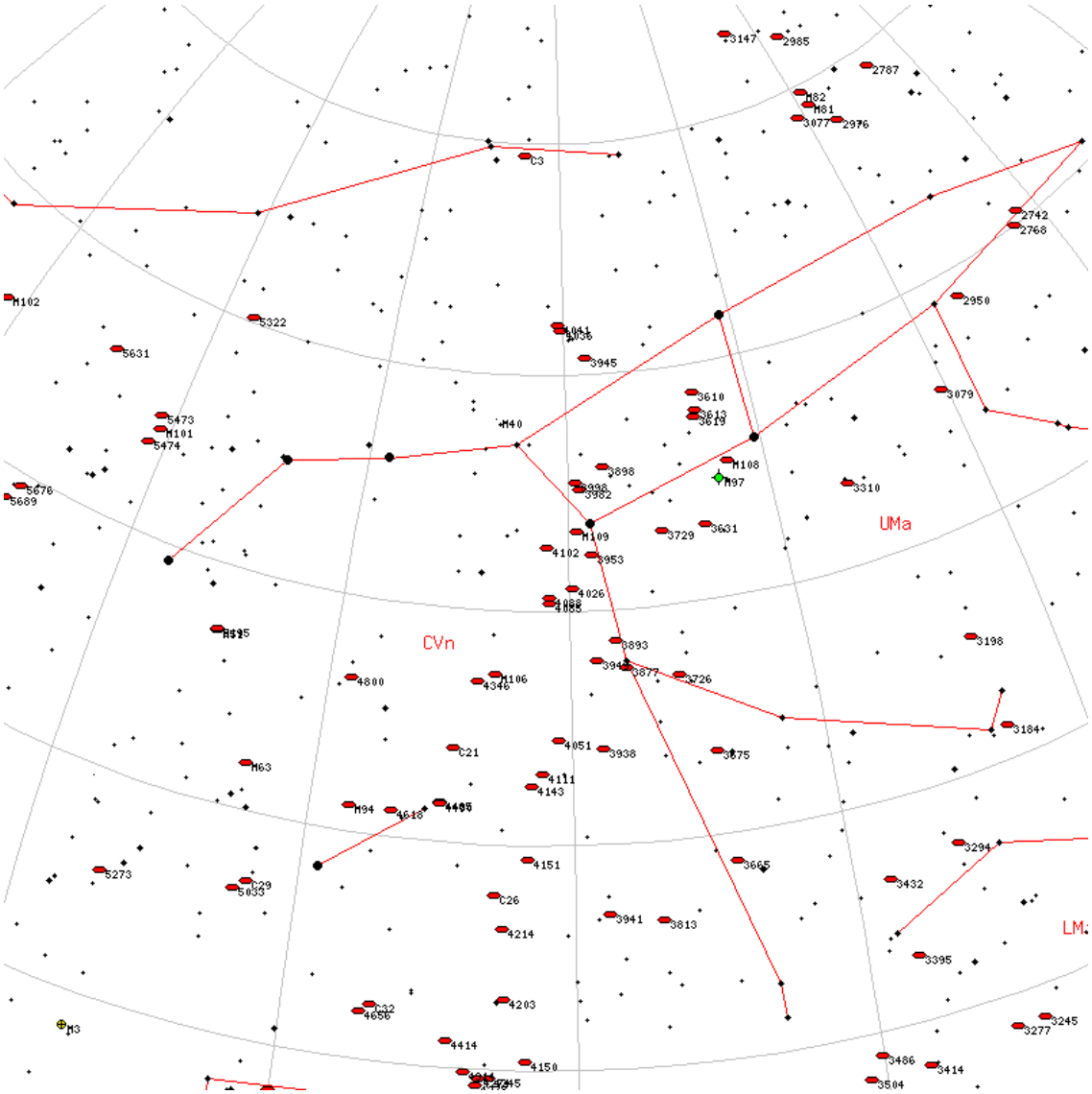
M	NGC5576	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.9	**Size**	1.8 x 1.1
RA	14h 21m	**Dec**	+03d 16m
Name			
Description	B, S, R, vsmbM, f of 2		

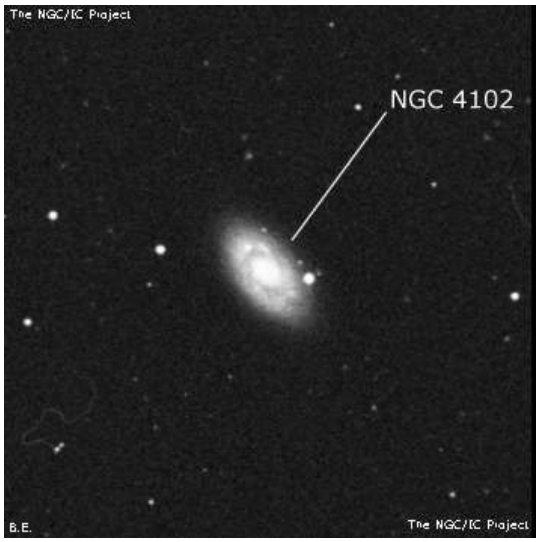




NGC4102

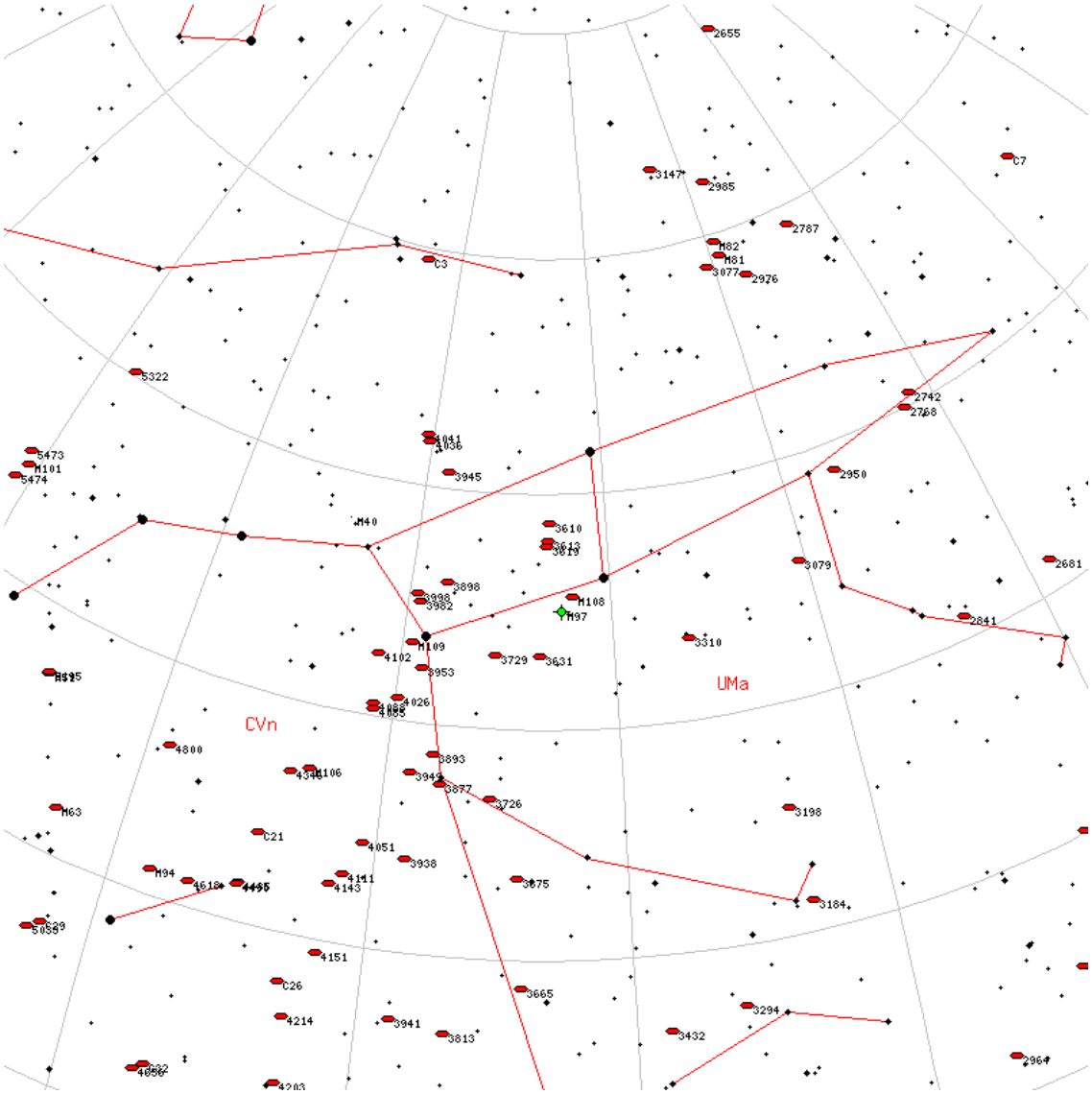
M	NGC4102	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	12	**Size**	1.5 x 0.9
RA	12h 06m	**Dec**	+52d 43m
Name			
Description	B, pS, R, bMBN, *12 sp, vnr		





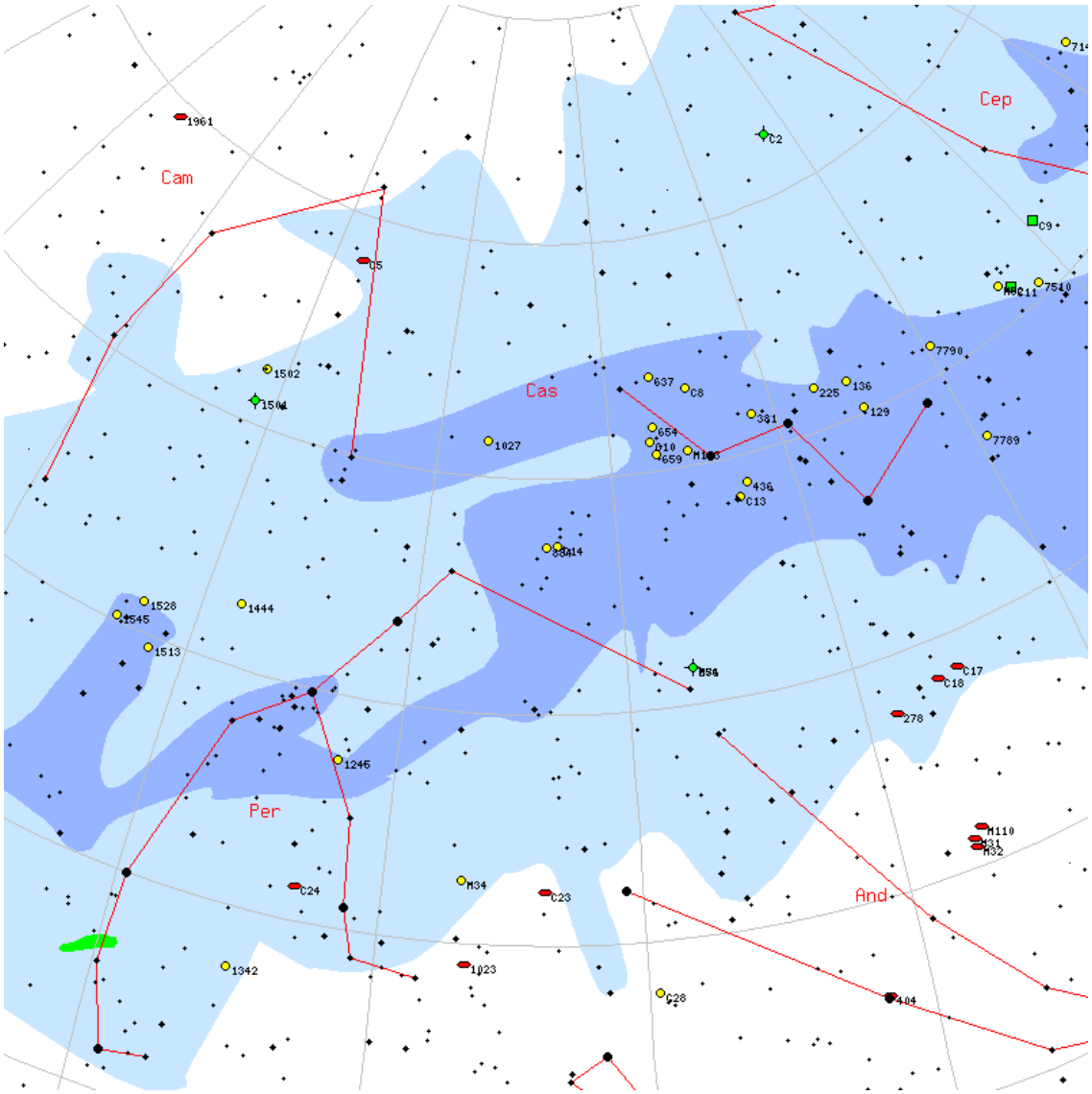
NGC3619

M	NGC3619	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	13	**Size**	3.1 x 3.1
RA	11h 19m	**Dec**	+57d 46m
Name			
Description	cB, cL, R, vgmbM		



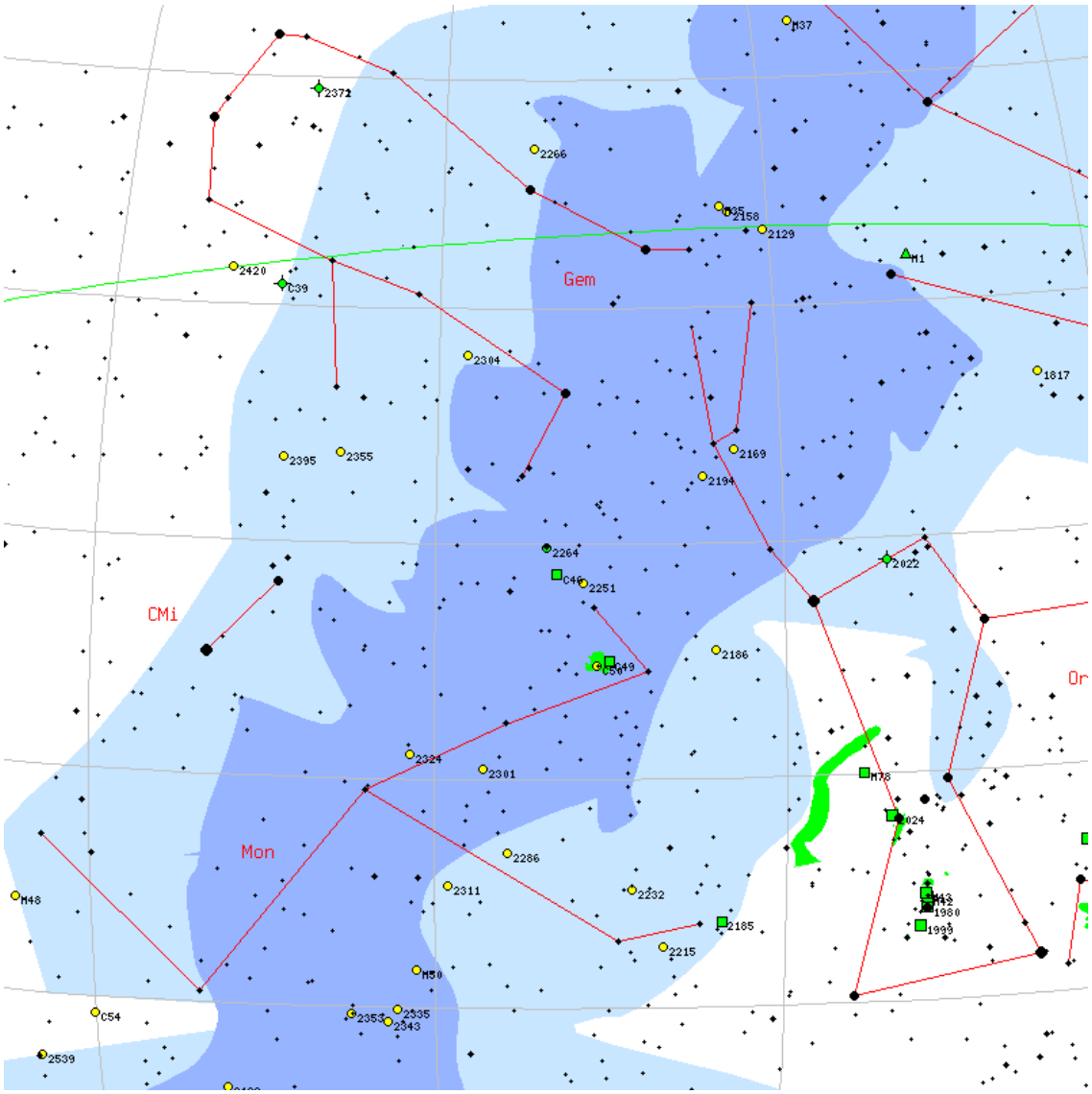
NGC884

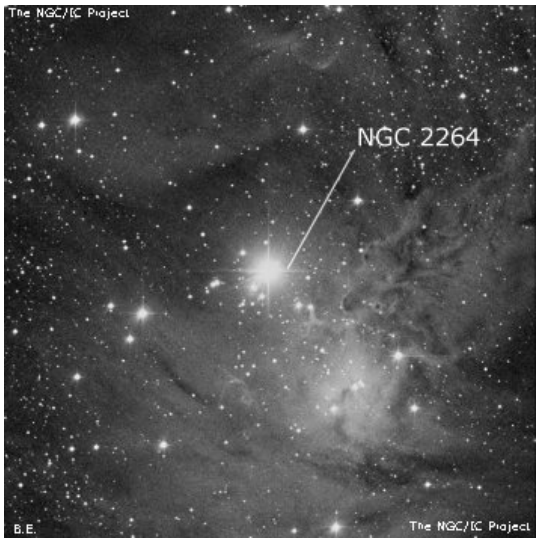
M	NGC884	**ID**	-
Constellation	Per	**Type**	OC
Magnitude	4	**Size**	30 x 30
RA	02h 22m	**Dec**	+57d 07m
Name	Double Cluster, X Persei		
Description	! Cl, vL, vRi, ruby * M		



NGC2264

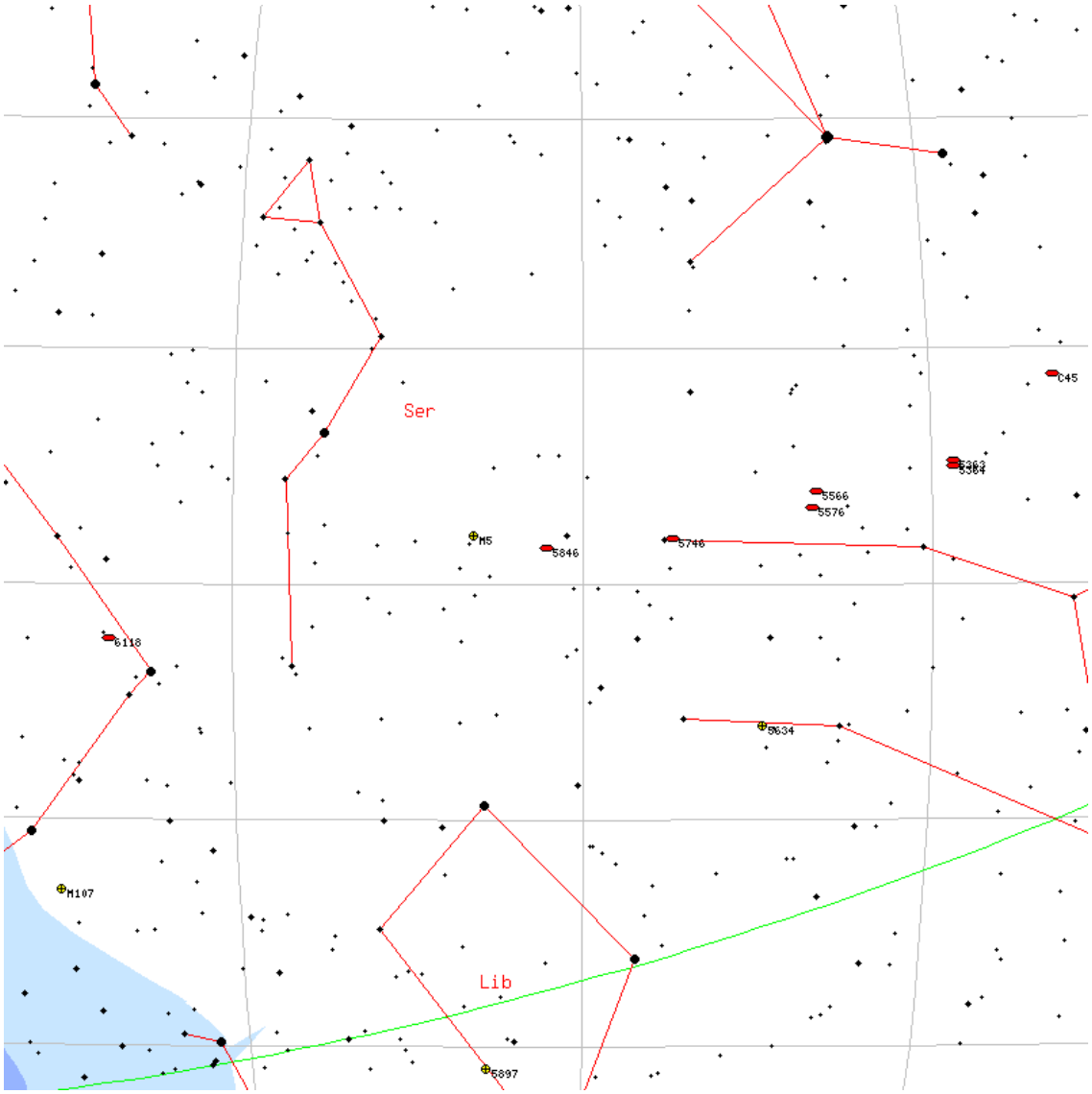
M	NGC2264	**ID**	-
Constellation	Mon	**Type**	CN
Magnitude	3.9	**Size**	60 x 60
RA	06h 41m	**Dec**	+09d 52m
Name	Cone Nebula/Christmas Tree Cluster		
Description	eL neb, 3deg diam, densest 12' sp 15 Mon		

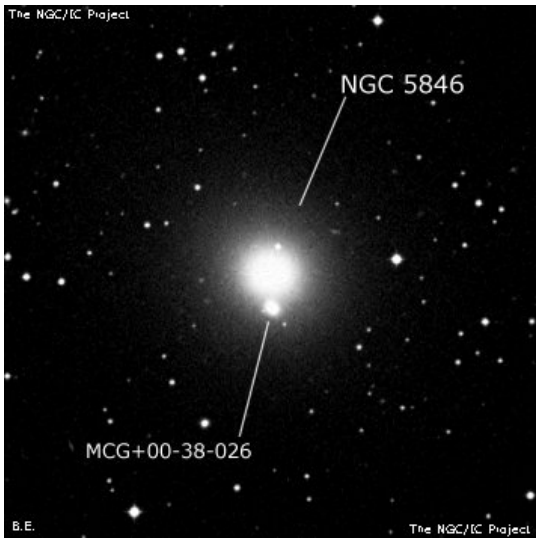




NGC5846

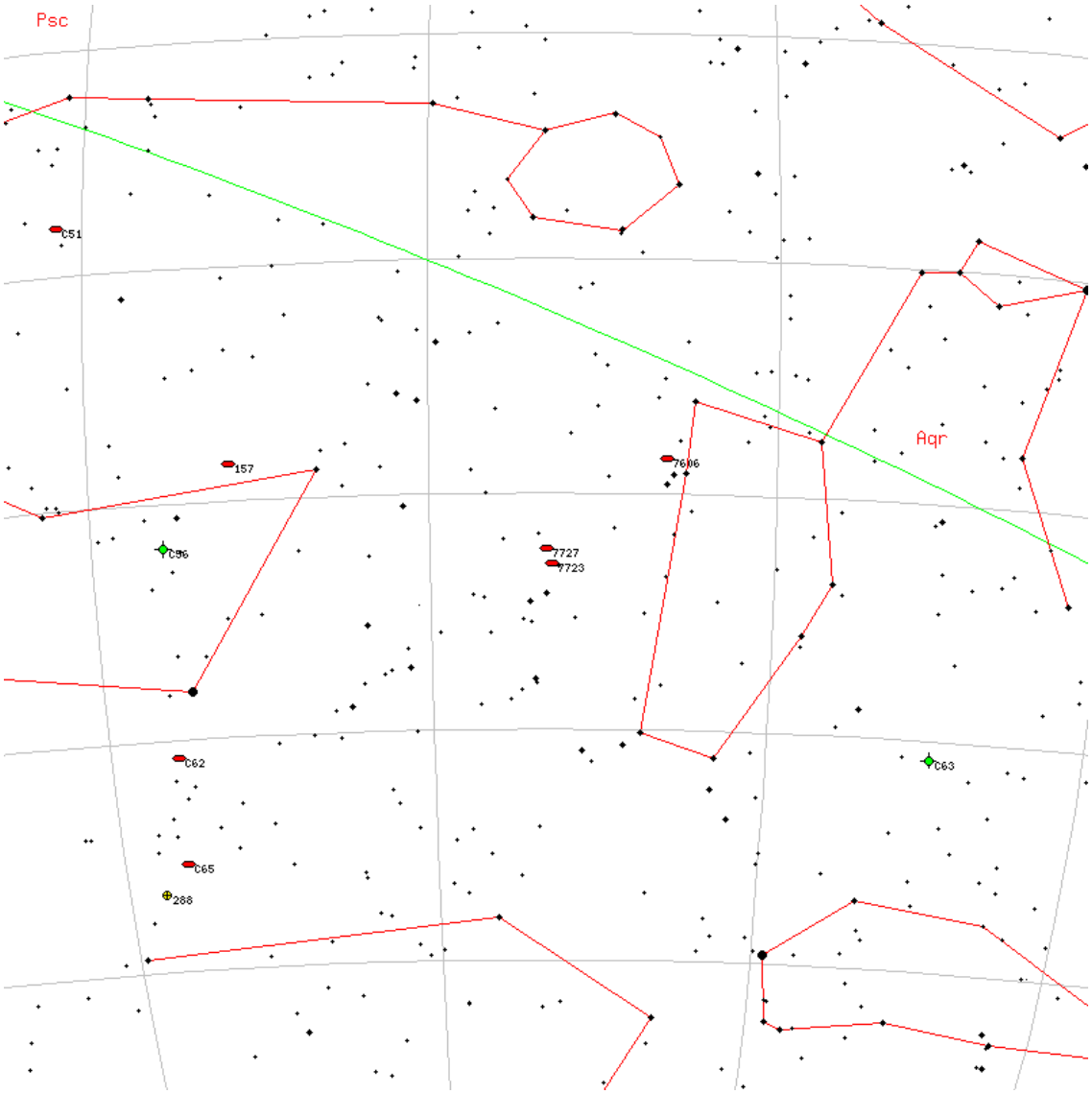
M	NGC5846	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.2	**Size**	0.2 x 0.1
RA	15h 06m	**Dec**	+01d 36m
Name			
Description	vB, pL, R, psbMN, F* inv s, rr		

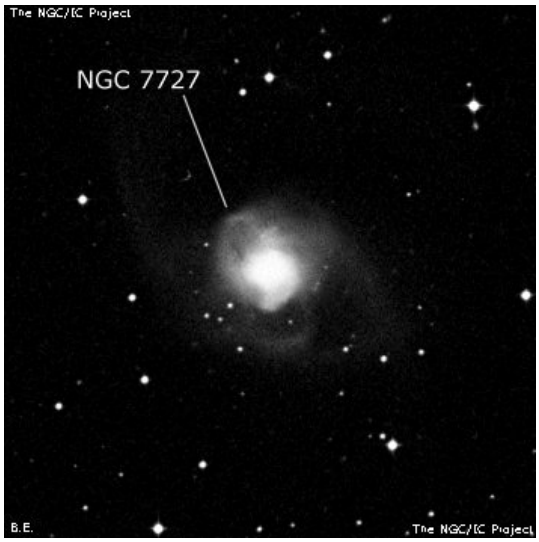




NGC7727

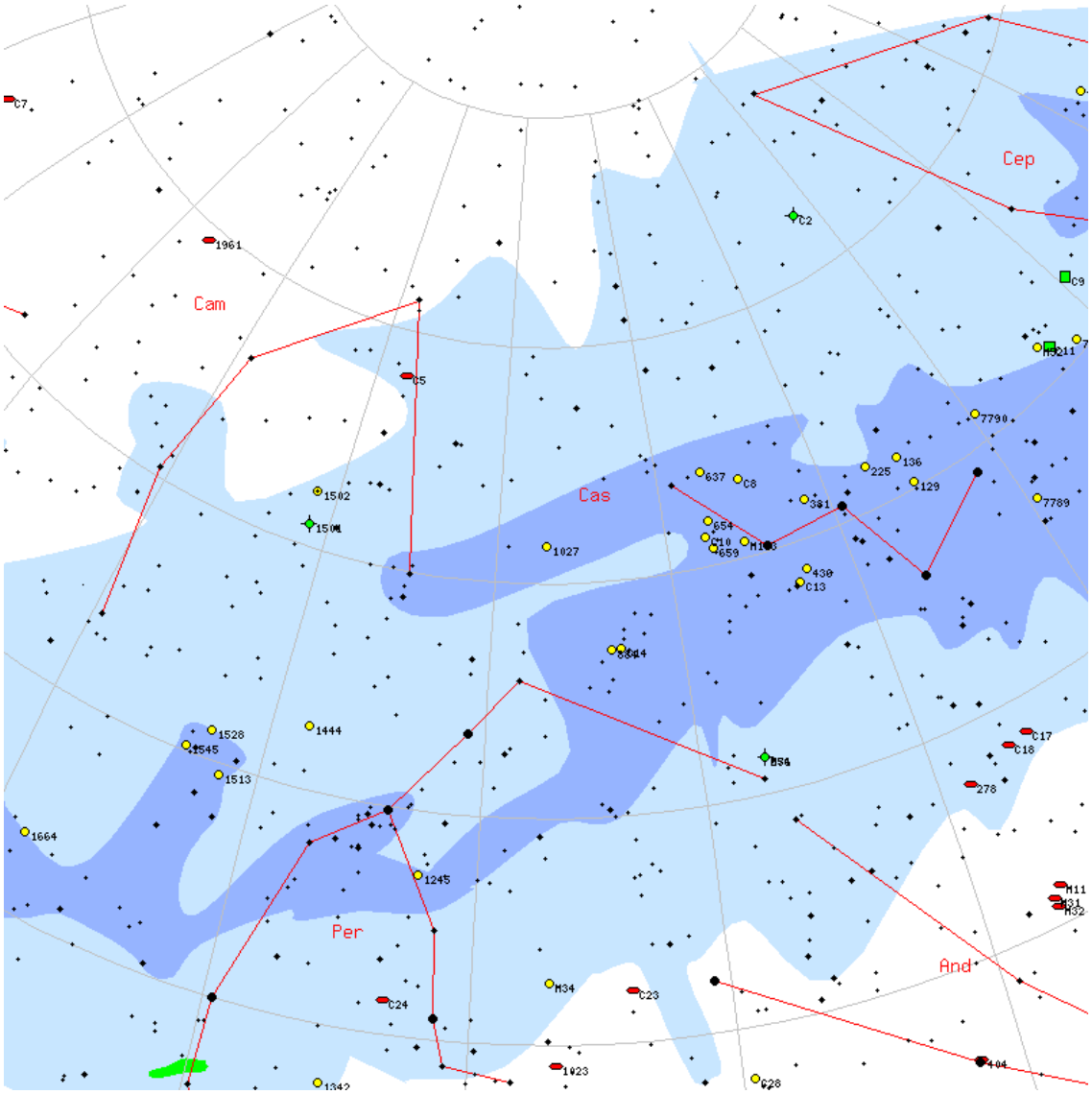
M	NGC7727	**ID**	-
Constellation	Aqr	**Type**	Gx
Magnitude	10.7	**Size**	4.2 x 4.2
RA	23h 39m	**Dec**	-12d 18m
Name			
Description	pB, pL, iR, mbM		

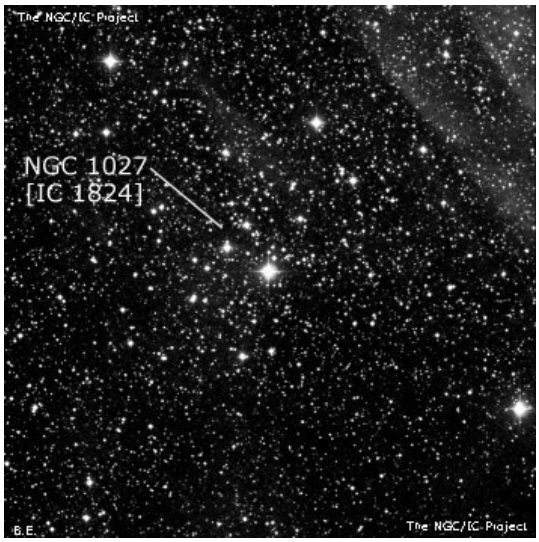




NGC1027

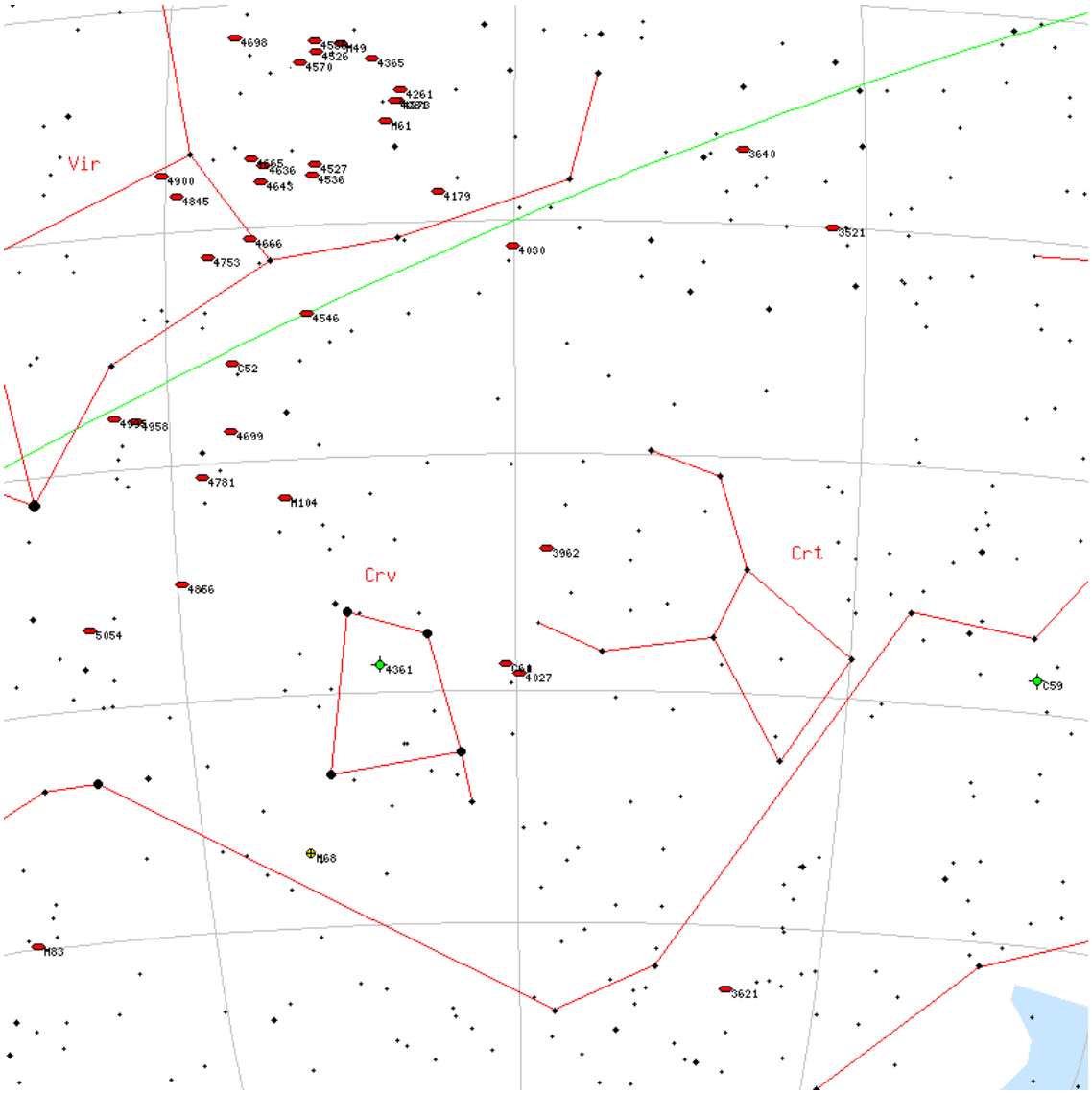
M	NGC1027	**ID**	-
Constellation	Cas	**Type**	OC
Magnitude	6.7	**Size**	20 x 20
RA	02h 42m	**Dec**	+61d 32m
Name			
Description	Cl, L, sc st, one 10m		

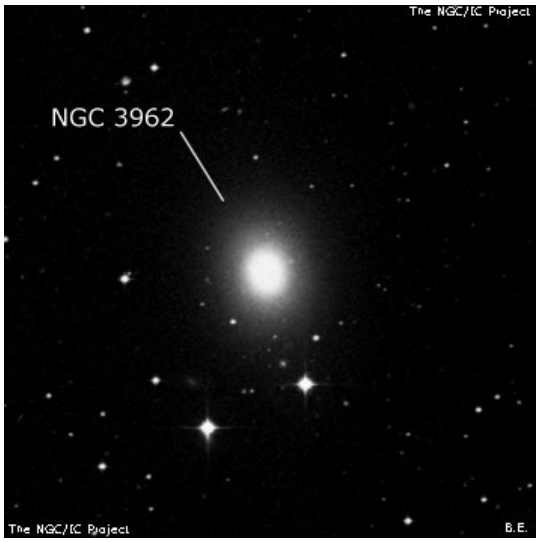




NGC3962

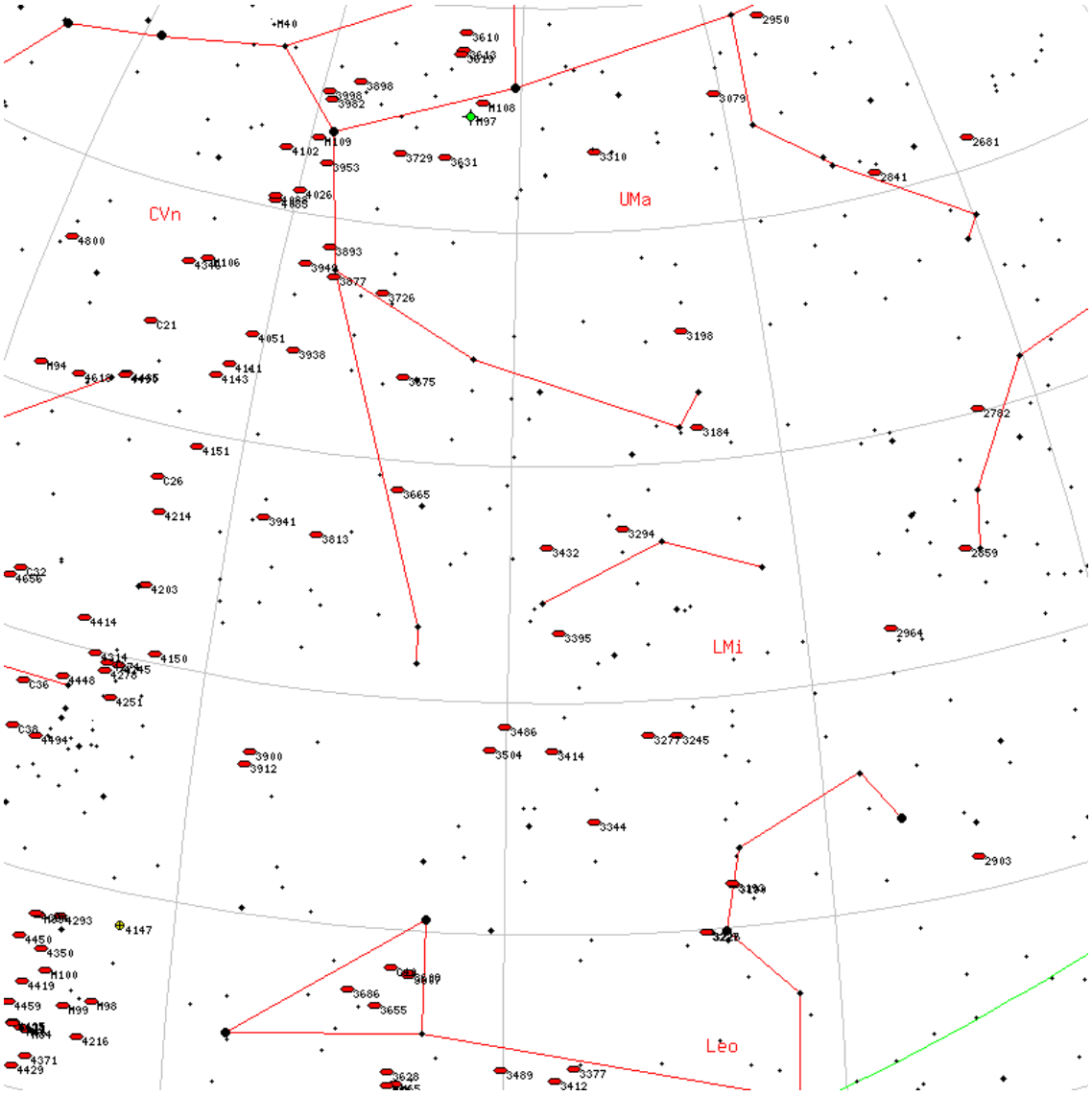
M	NGC3962	**ID**	-
Constellation	Crt	**Type**	Gx
Magnitude	10.6	**Size**	1.3 x 1.1
RA	11h 54m	**Dec**	-13d 58m
Name			
Description	cB, pL, iR, gmbM, triangle 2 st		

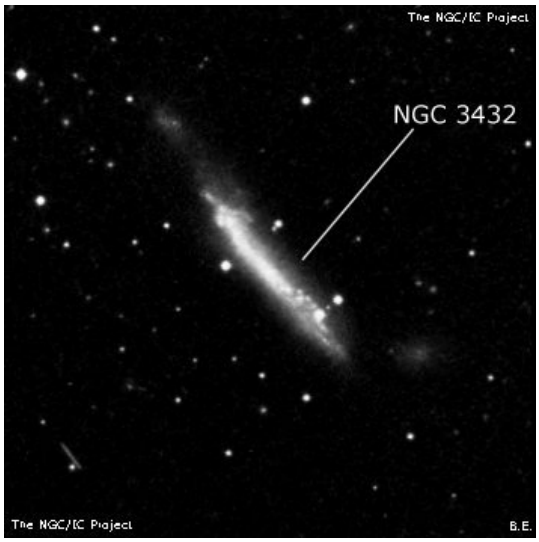




NGC3432

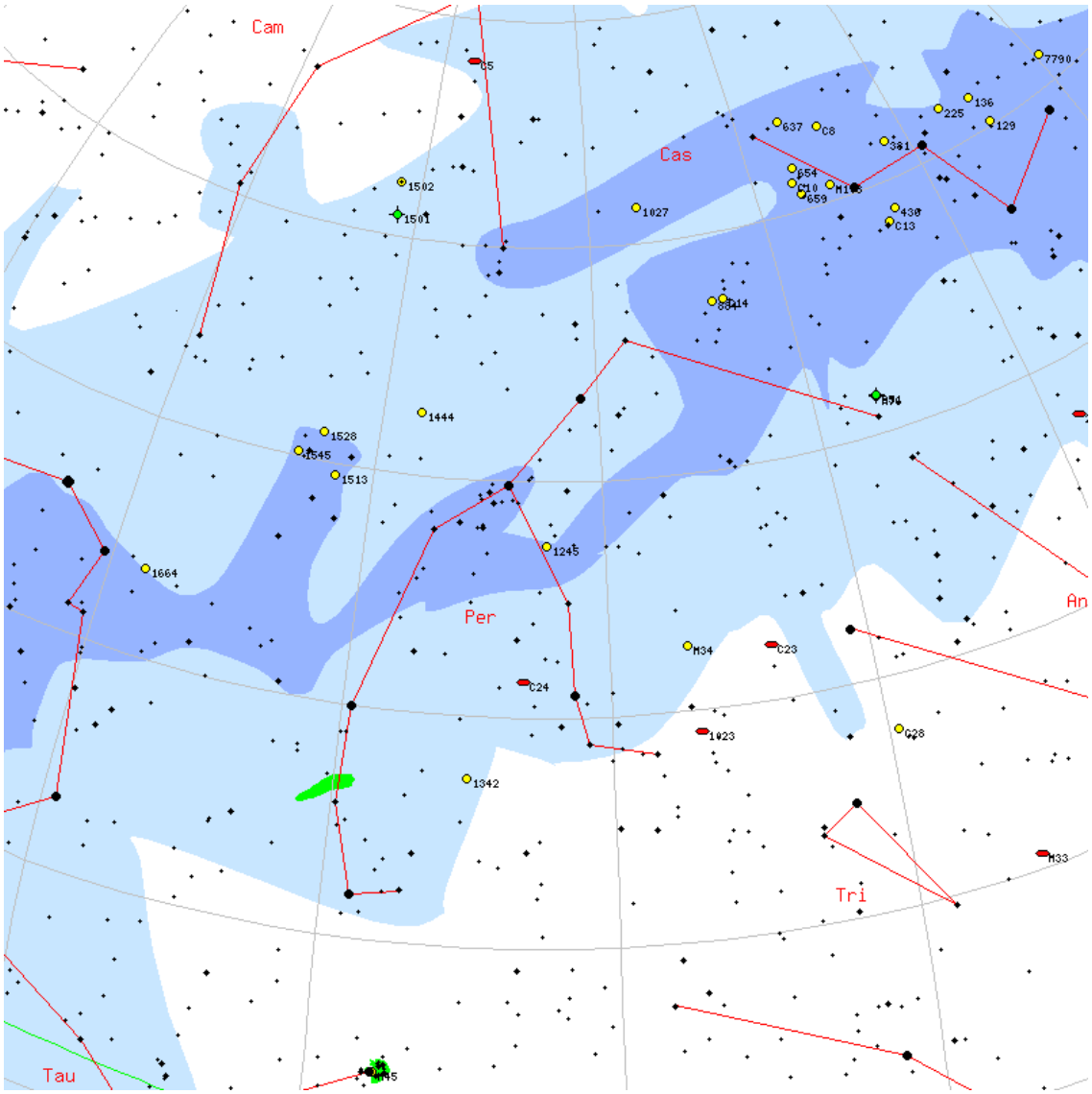
M	NGC3432	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	11.3	**Size**	3.4 x 0.7
RA	10h 52m	**Dec**	+36d 37m
Name			
Description	pB, pL, vmE 40deg , ** close sp		

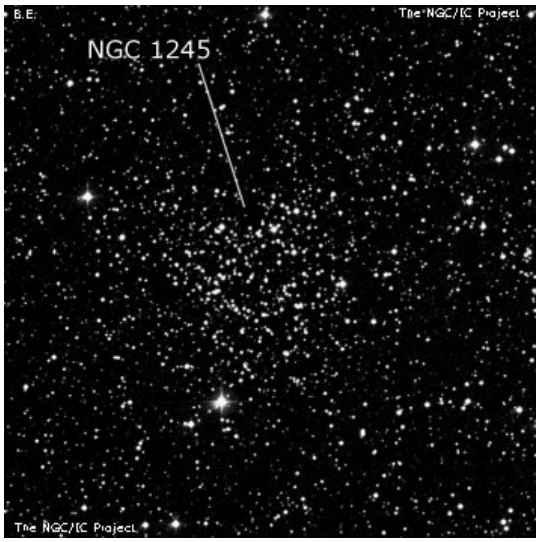




NGC1245

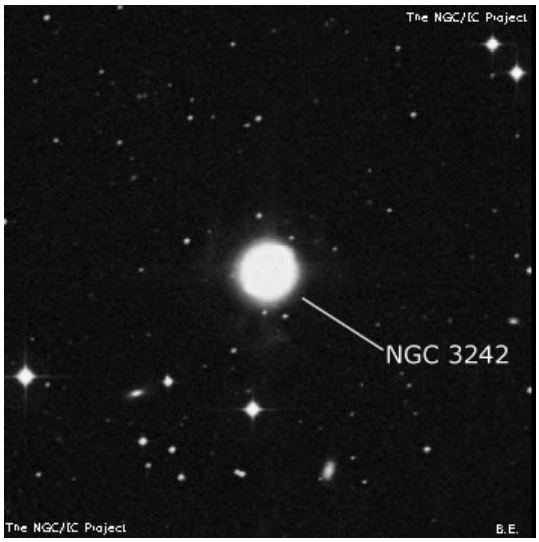
M	NGC1245	**ID**	-
Constellation	Per	**Type**	OC
Magnitude	8.4	**Size**	10 x 10
RA	03h 14m	**Dec**	+47d 15m
Name			
Description	Cl, pL, Ri, C, iR, st 12...15		





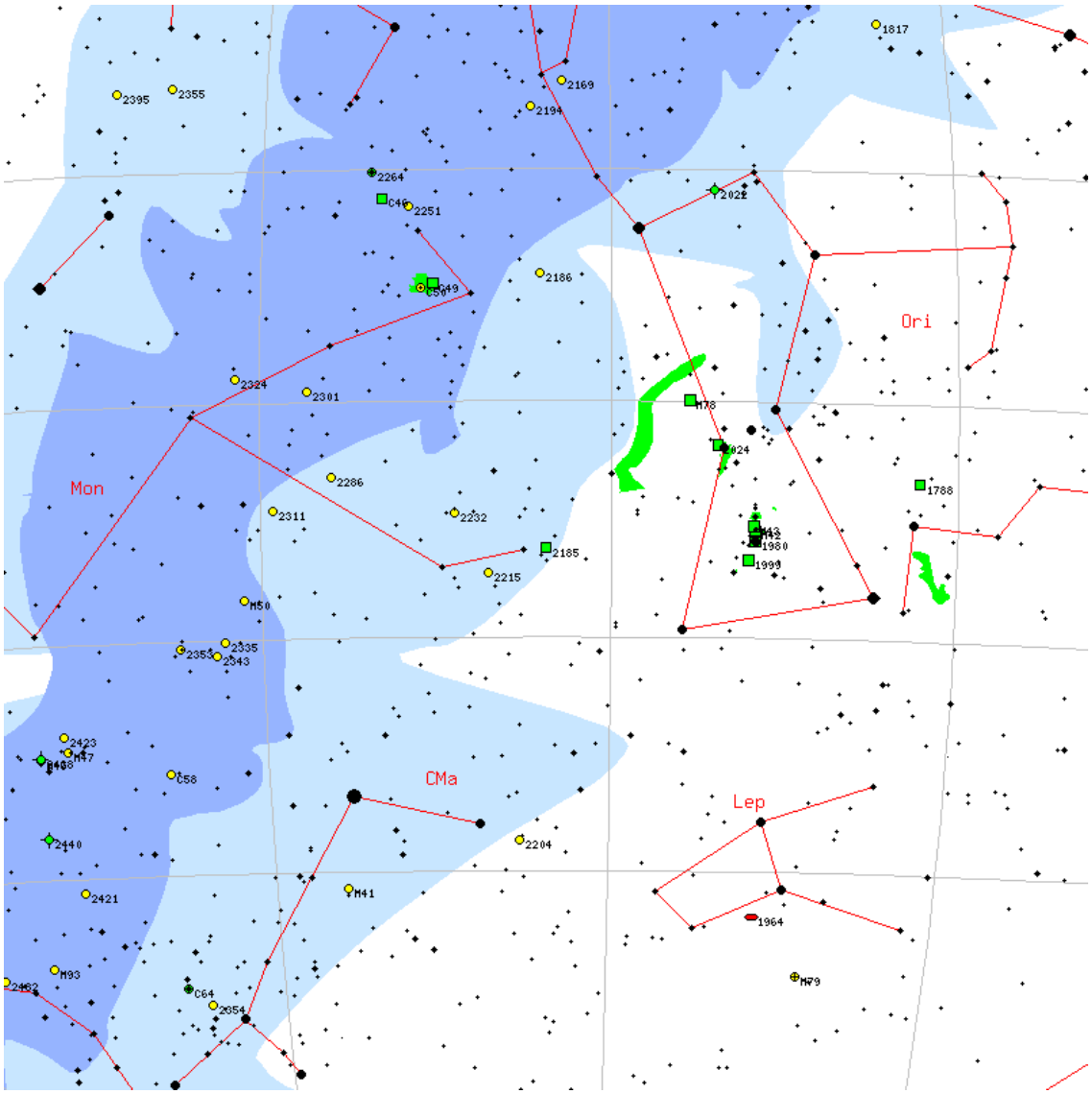
NGC3242

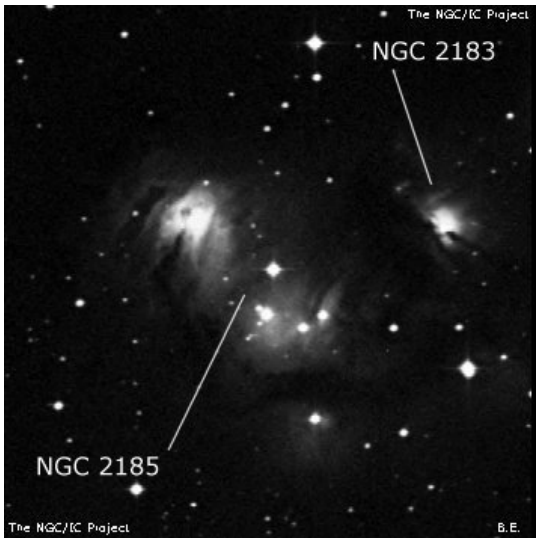
M	NGC3242	**ID**	-
Constellation	Hya	**Type**	Pl
Magnitude	9	**Size**	20.8 x 20.8
RA	10h 24m	**Dec**	-18d 37m
Name	CBS Eye/Diamond Nebula/Ghost of Jupiter		
Description	! PN , vB, IE 147deg , 45" d, blue		



NGC2185

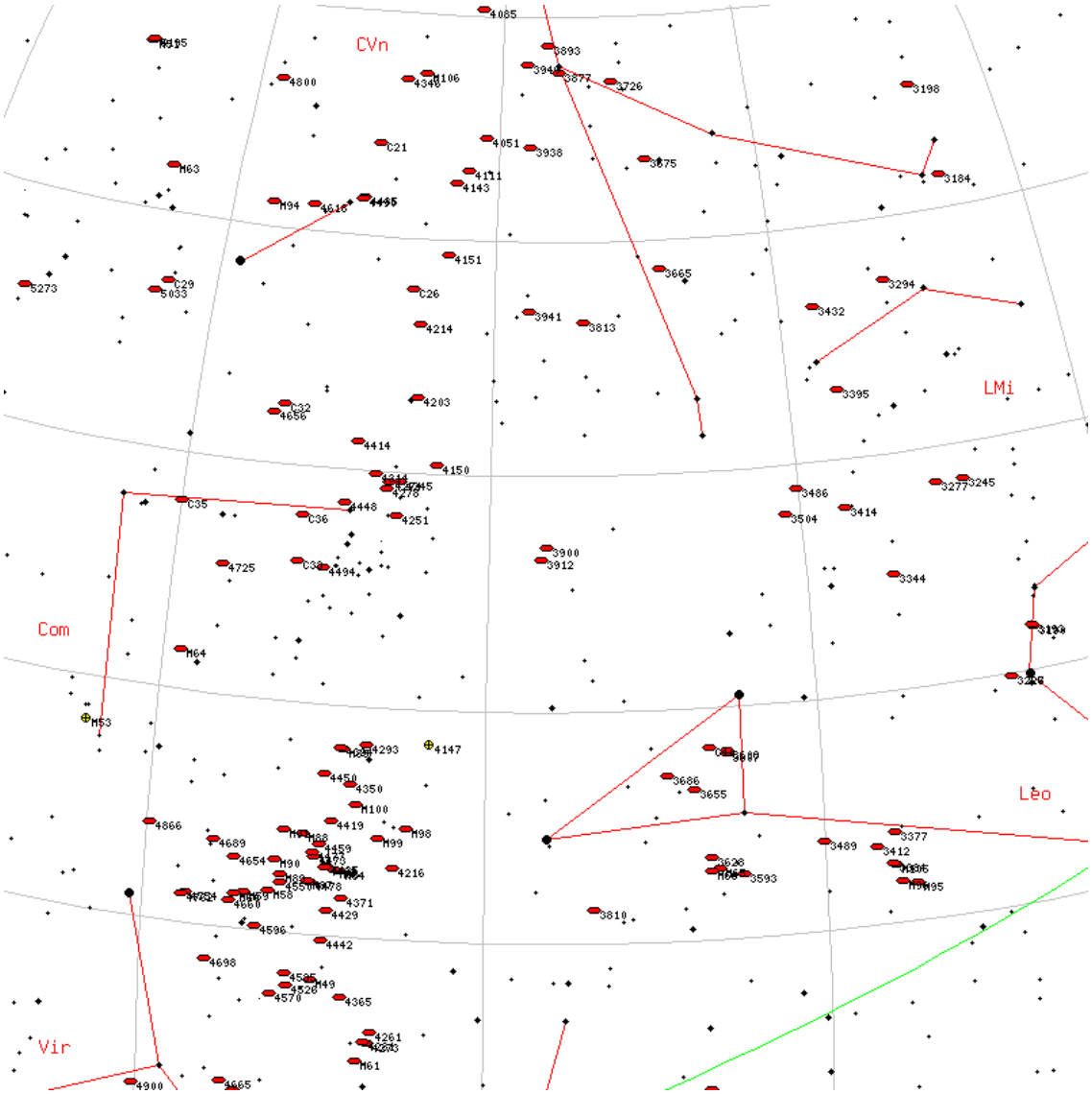
M	NGC2185	**ID**	-
Constellation	Mon	**Type**	Nb
Magnitude	-	**Size**	3 x 3
RA	06h 11m	**Dec**	-06d 13m
Name			
Description	*11 and 4 S st in vF, L neb		

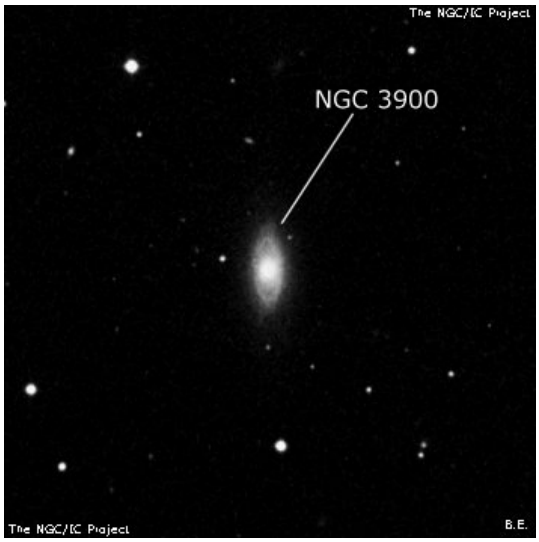




NGC3900

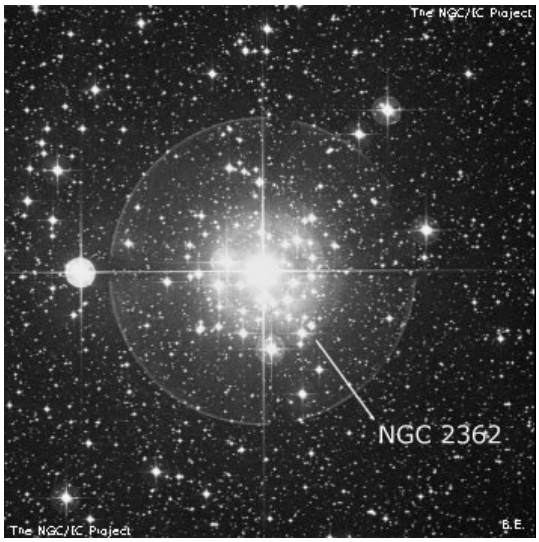
M	NGC3900	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	11.4	**Size**	1.6 x 0.8
RA	11h 49m	**Dec**	+27d 01m
Name			
Description	B, pL, vlE 0deg +/- , bMN		





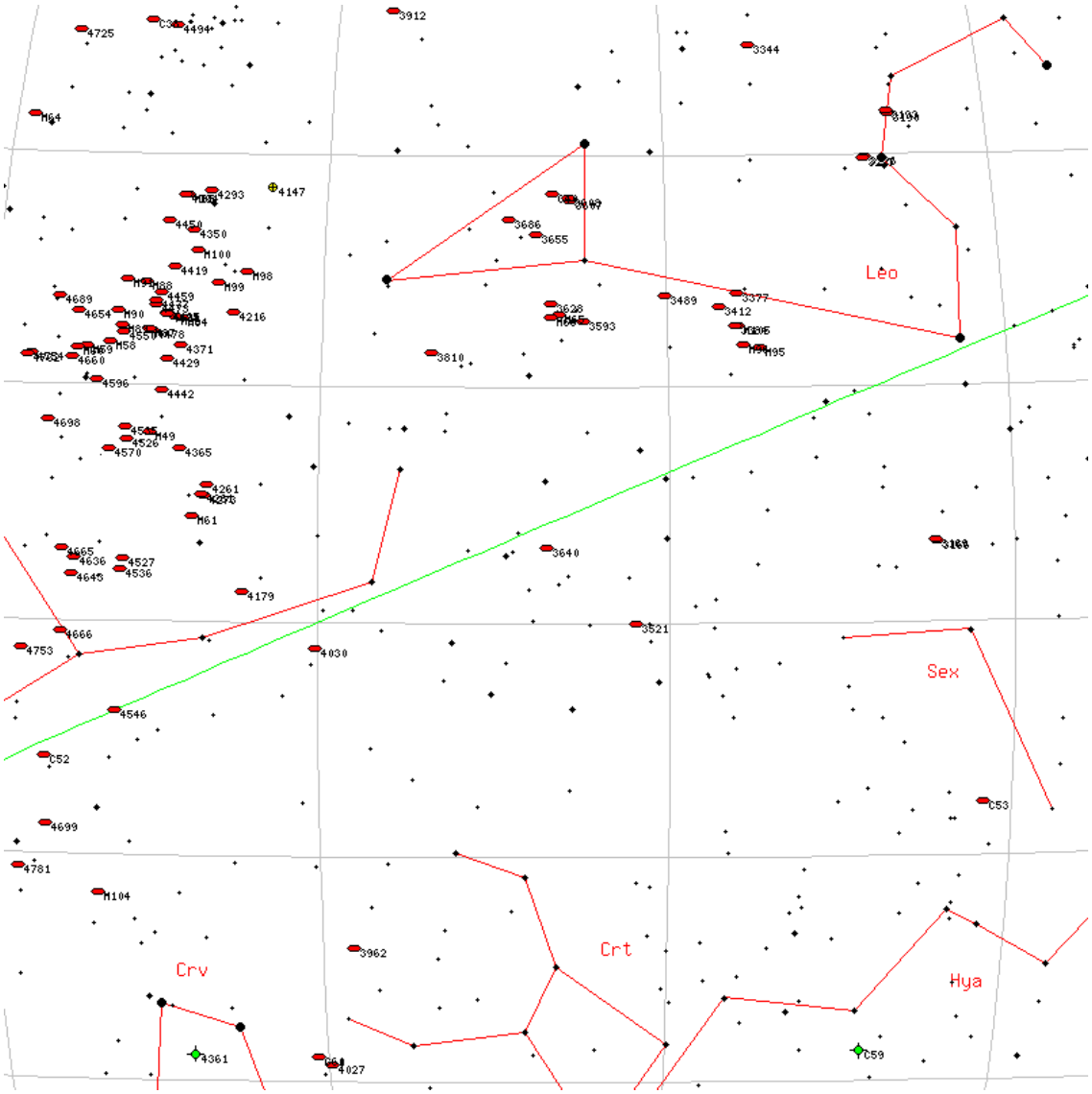
NGC2362

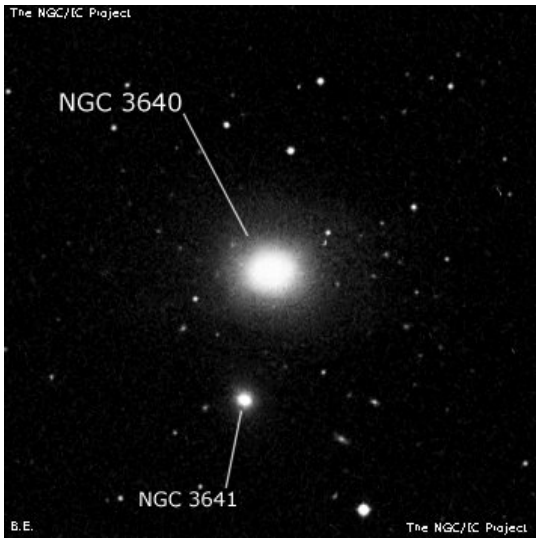
M	NGC2362	**ID**	-
Constellation	CMa	**Type**	CN
Magnitude	4.1	**Size**	8 x 8
RA	07h 18m	**Dec**	-24d 56m
Name	Tau CMa Cluster		
Description	Cl, pL, Ri (30 CMa)		



NGC3640

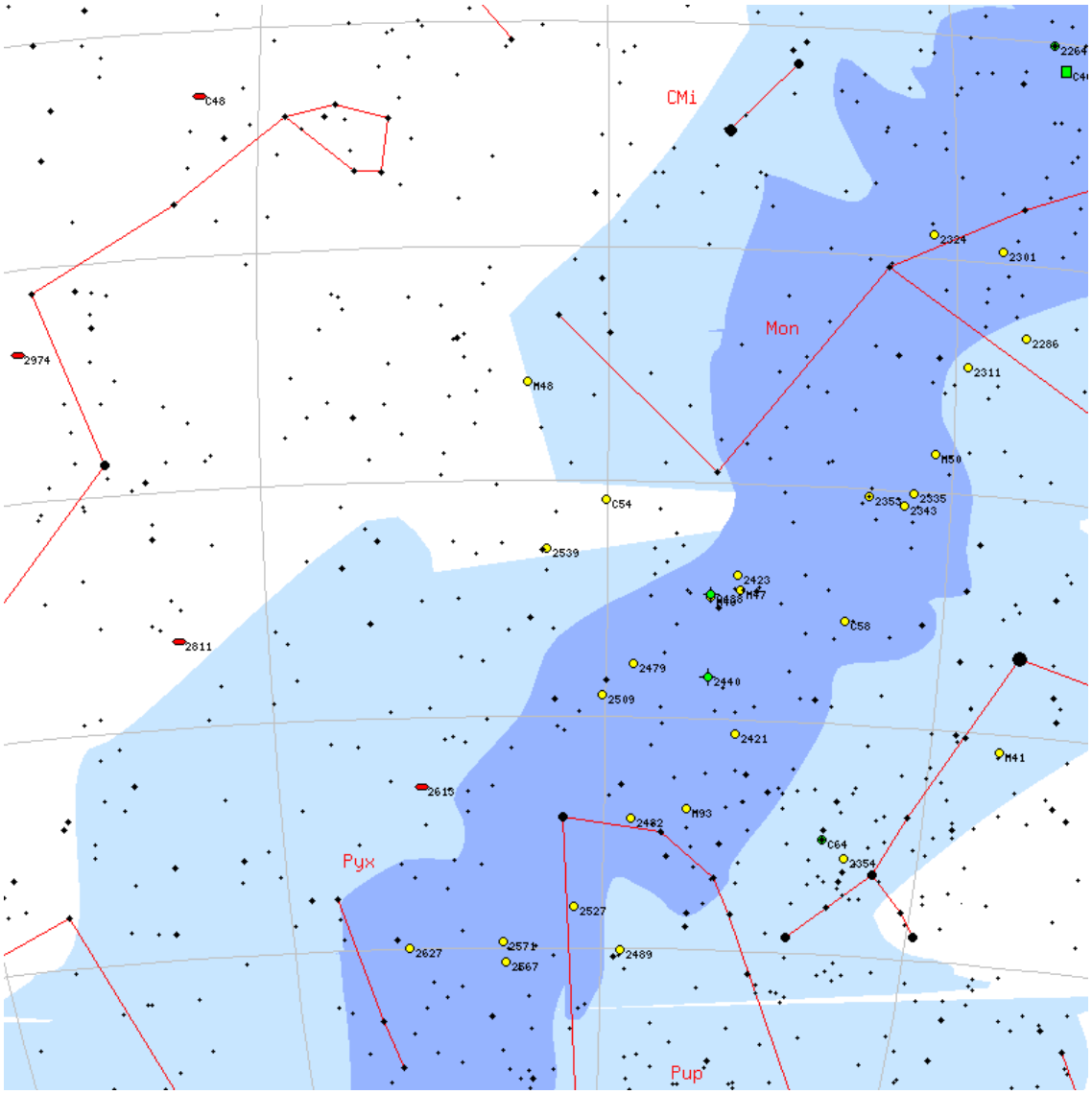
M	NGC3640	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10.3	**Size**	2 x 1.6
RA	11h 21m	**Dec**	+03d 13m
Name			
Description	B, pL, R, psbM		

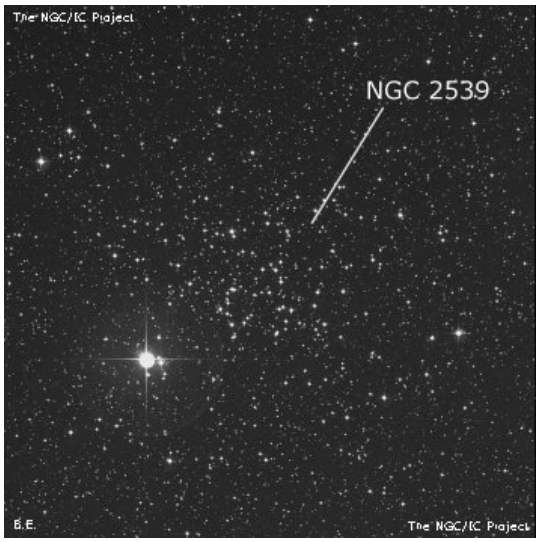




NGC2539

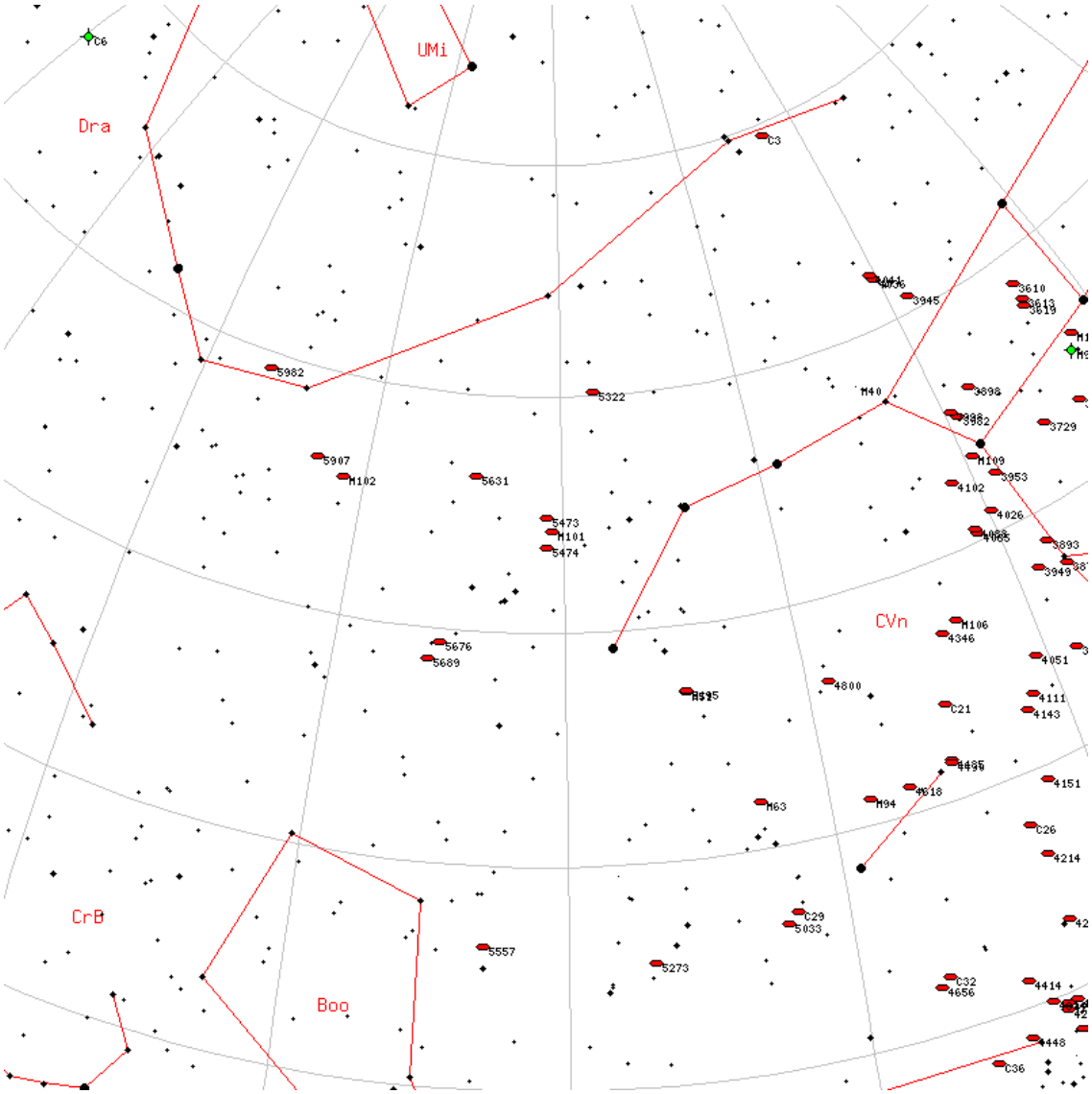
M	NGC2539	**ID**	-
Constellation	Pup	**Type**	OC
Magnitude	6.5	**Size**	22 x 22
RA	08h 10m	**Dec**	-12d 49m
Name			
Description	Cl, vL, Ri, IC, st 11...13		

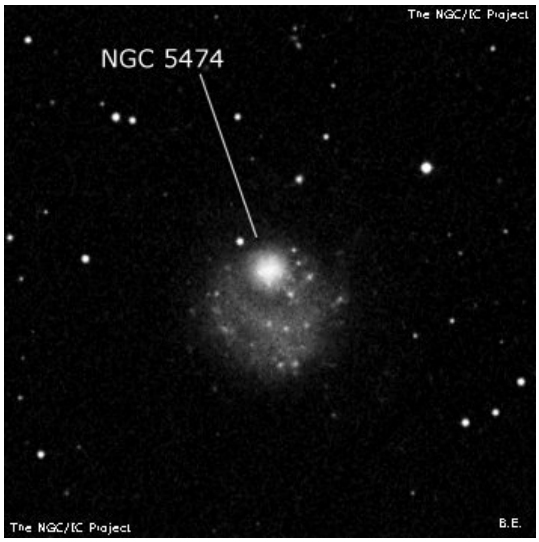




NGC5474

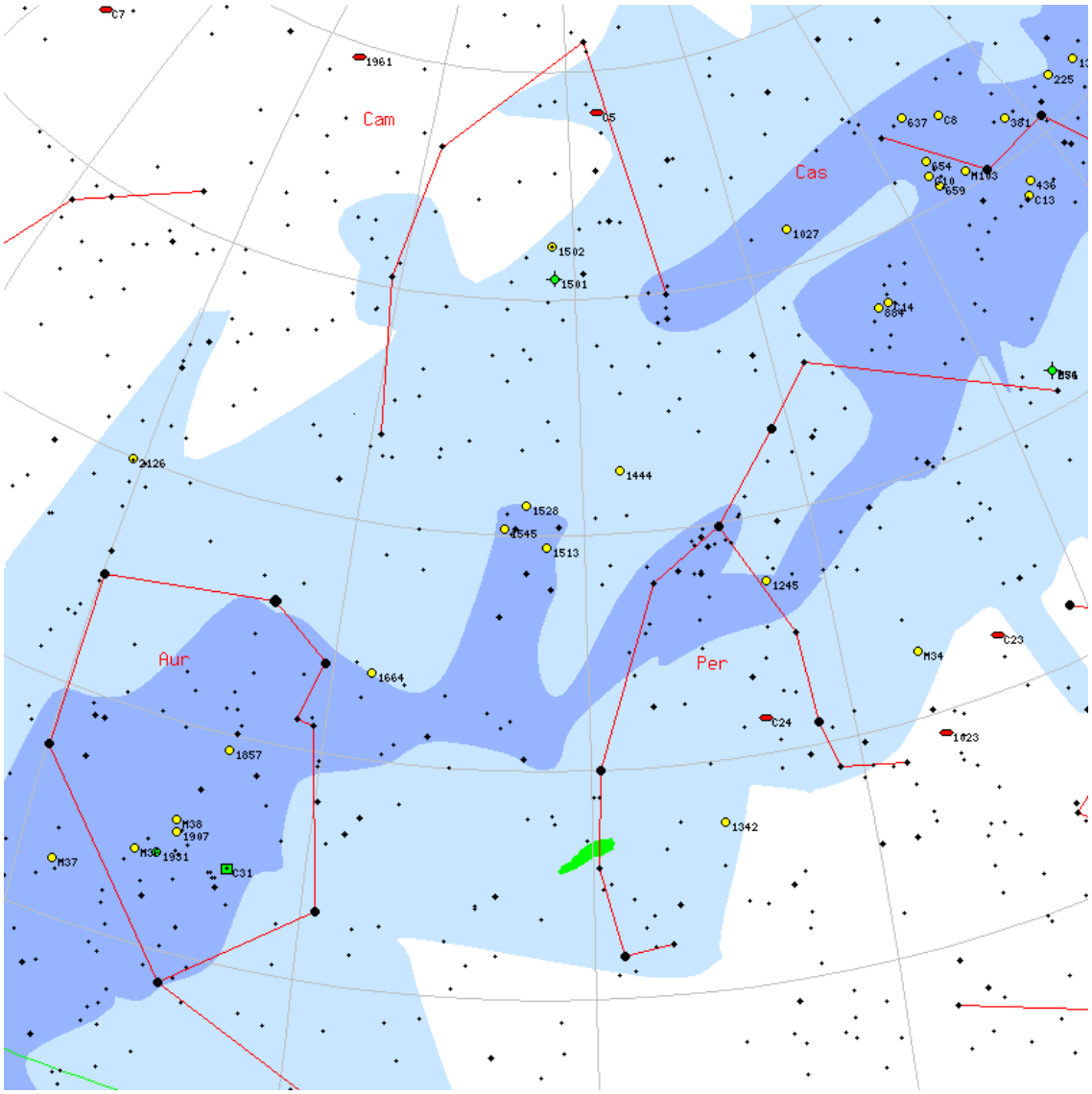
M	NGC5474	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.9	**Size**	4.5 x 4.5
RA	14h 04m	**Dec**	+53d 40m
Name			
Description	pB, L, bM		

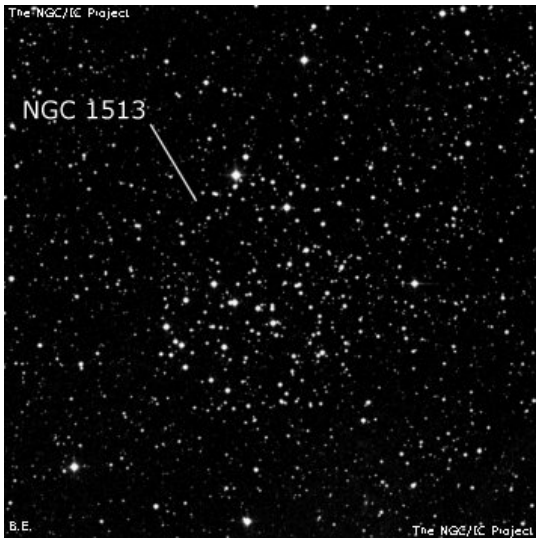




NGC1513

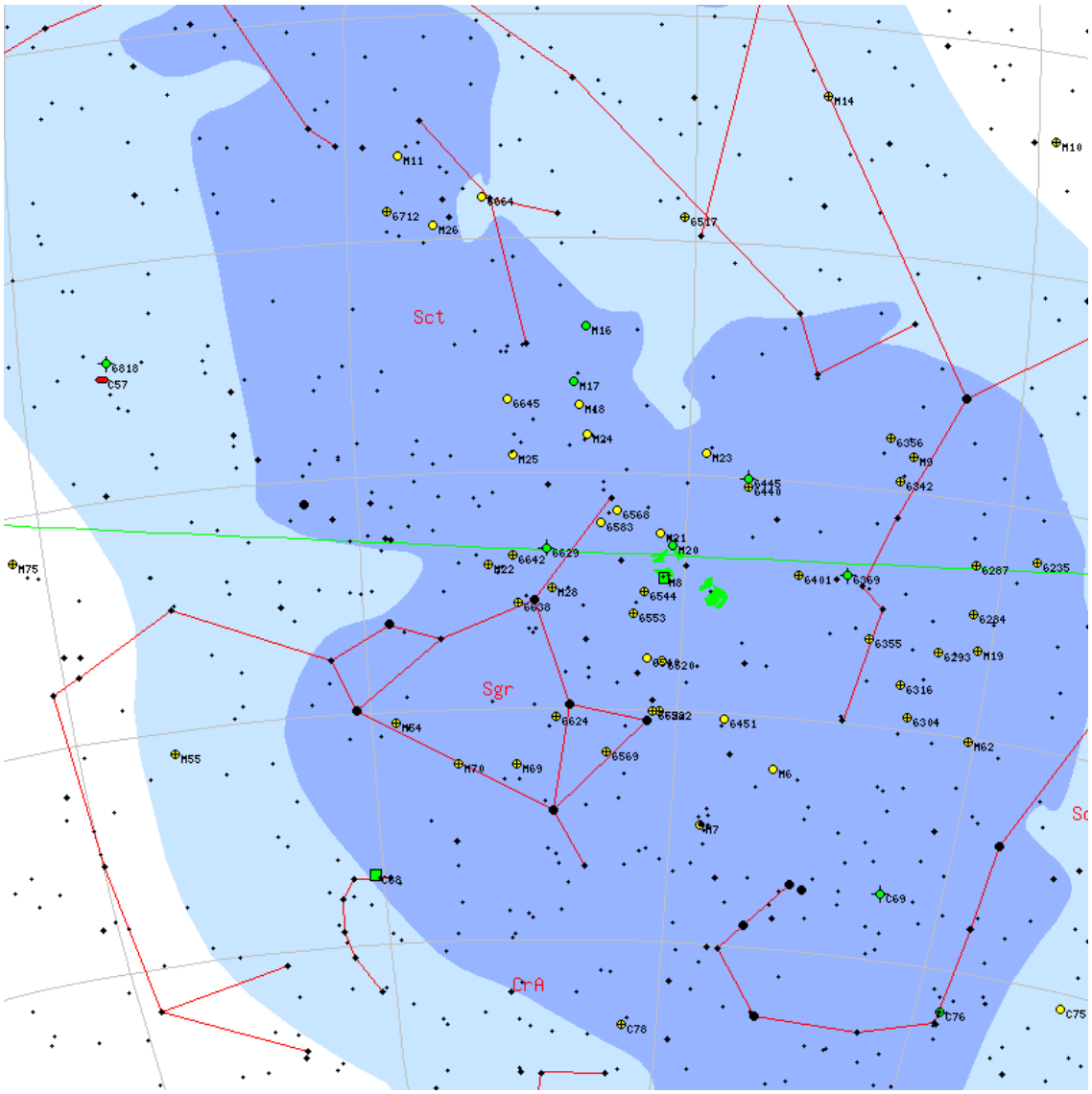
M	NGC1513	**ID**	-
Constellation	Per	**Type**	OC
Magnitude	8.4	**Size**	9 x 9
RA	04h 10m	**Dec**	+49d 31m
Name			
Description	Cl, L, vRi, pC, st vL		

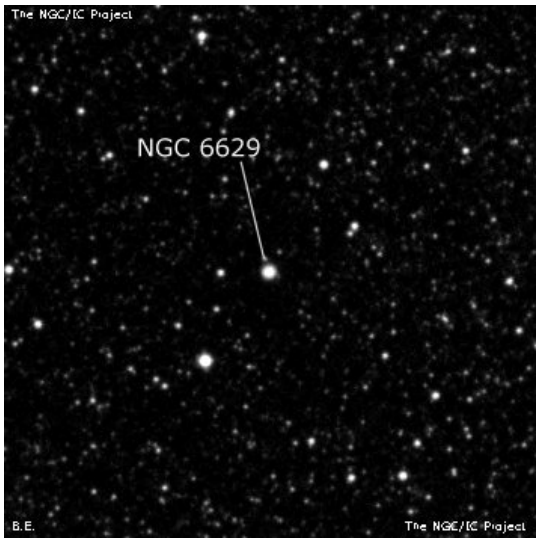




NGC6629

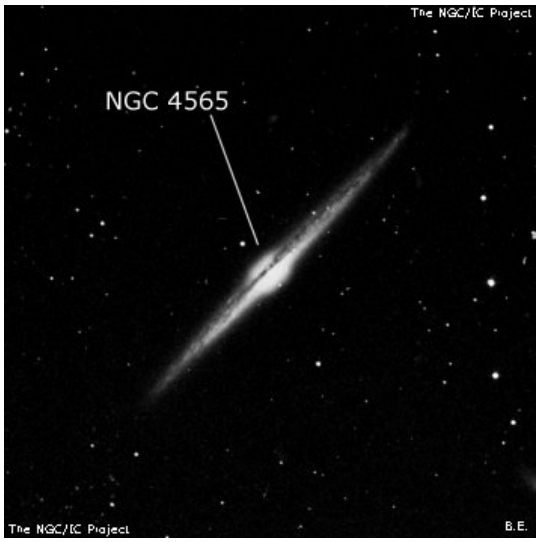
M	NGC6629	**ID**	-
Constellation	Sgr	**Type**	Pl
Magnitude	12	**Size**	0.3 x 0.3
RA	18h 25m	**Dec**	-23d 11m
Name			
Description	plan or glob. cl. , pB, eeS, R		





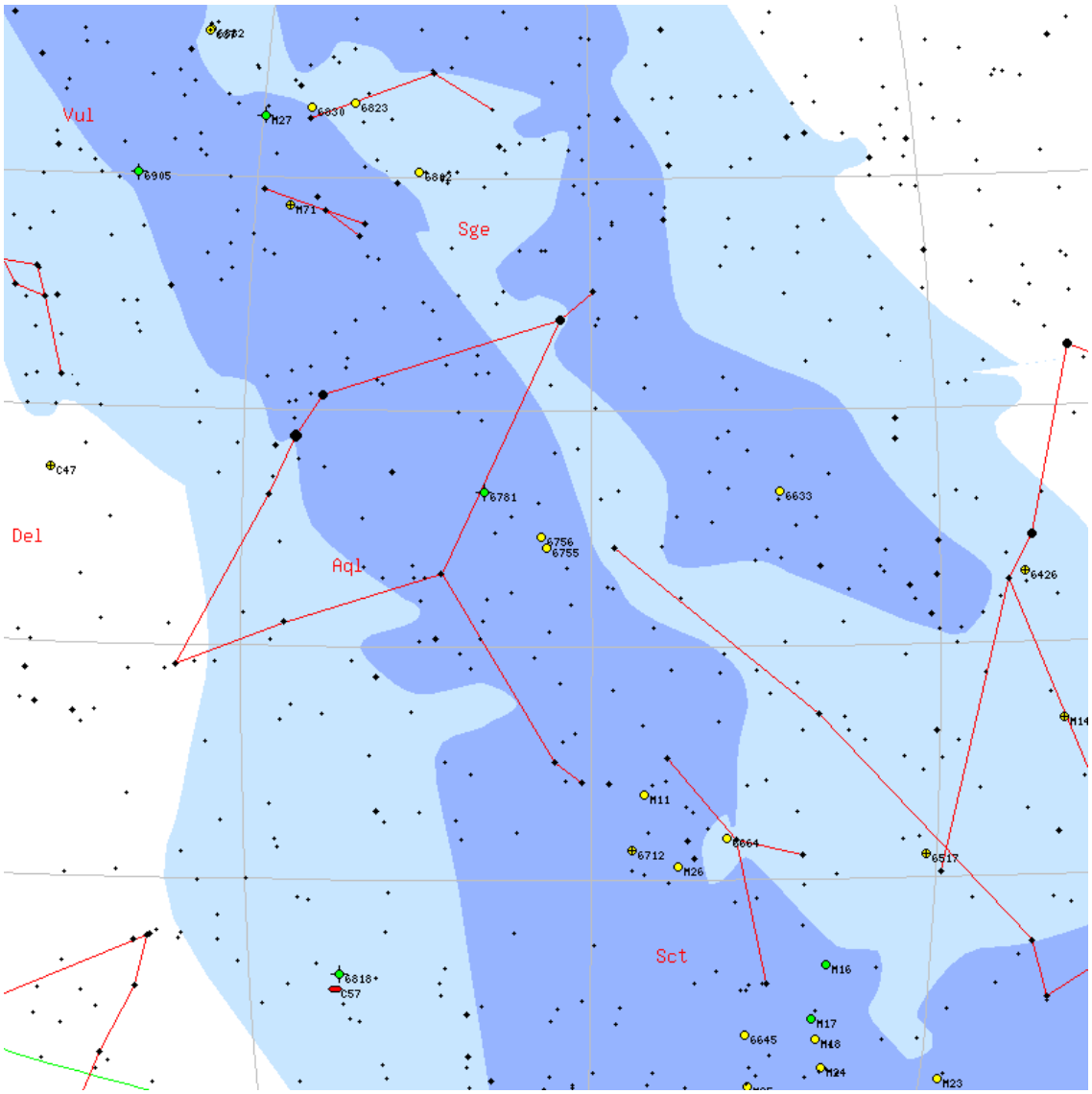
NGC4565

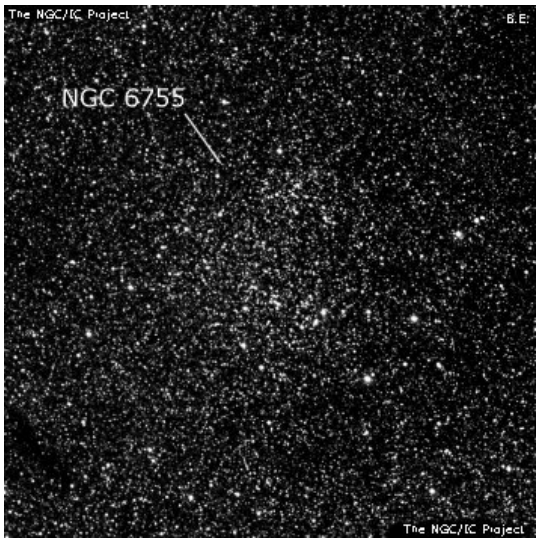
M	NGC4565	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	9.6	**Size**	7.9 x 1.1
RA	12h 36m	**Dec**	+25d 58m
Name	Needle Galaxy		
Description	B, eL, eE 135deg , vsbMN = *10-11		



NGC6755

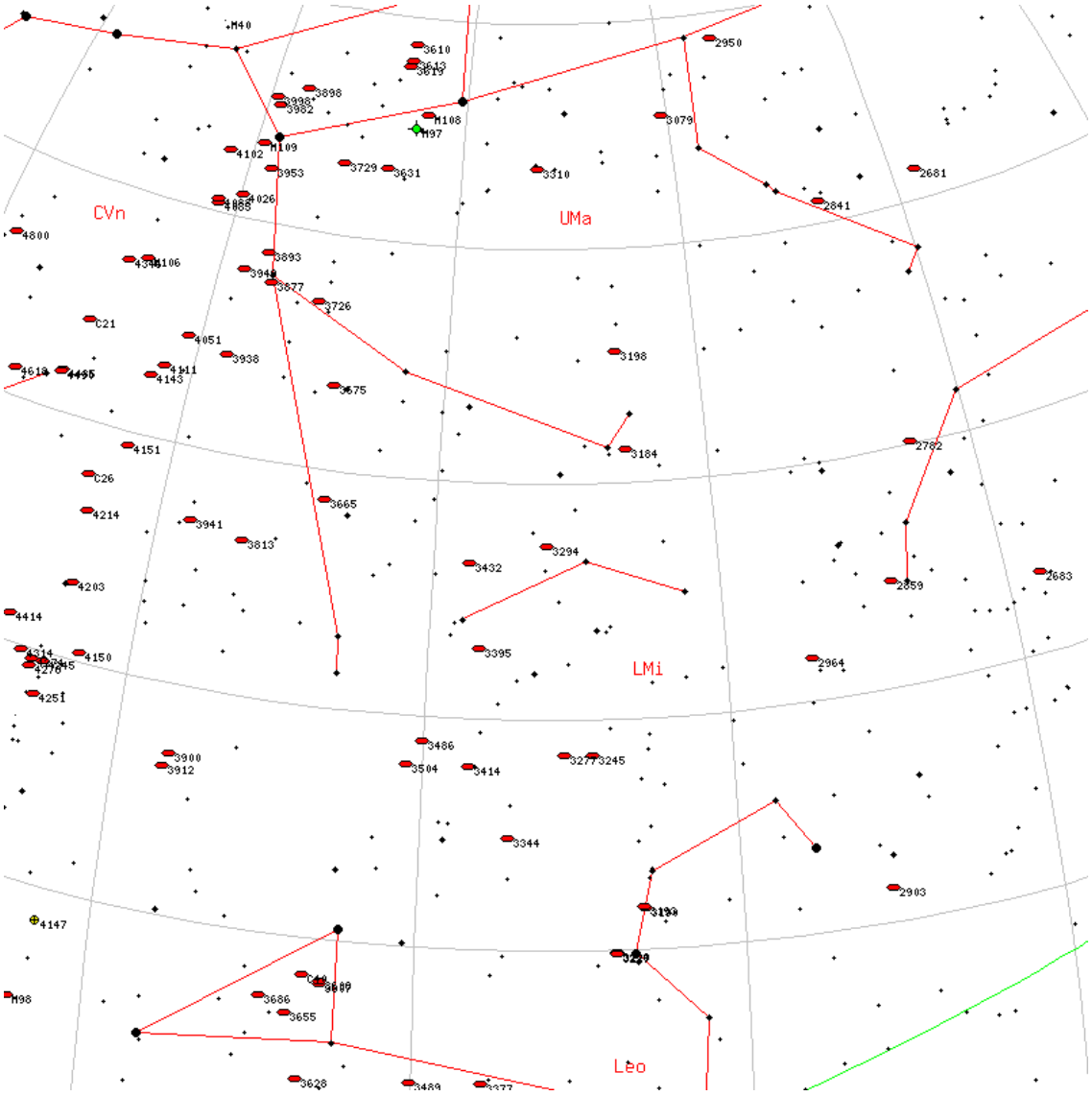
M	NGC6755	**ID**	-
Constellation	Aql	**Type**	OC
Magnitude	7.5	**Size**	15 x 15
RA	19h 07m	**Dec**	+04d 13m
Name			
Description	Cl, vL, vRi, pC, st 12...14		

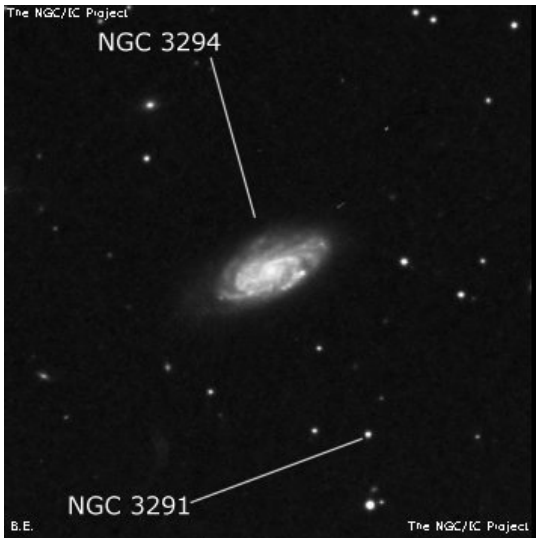




NGC3294

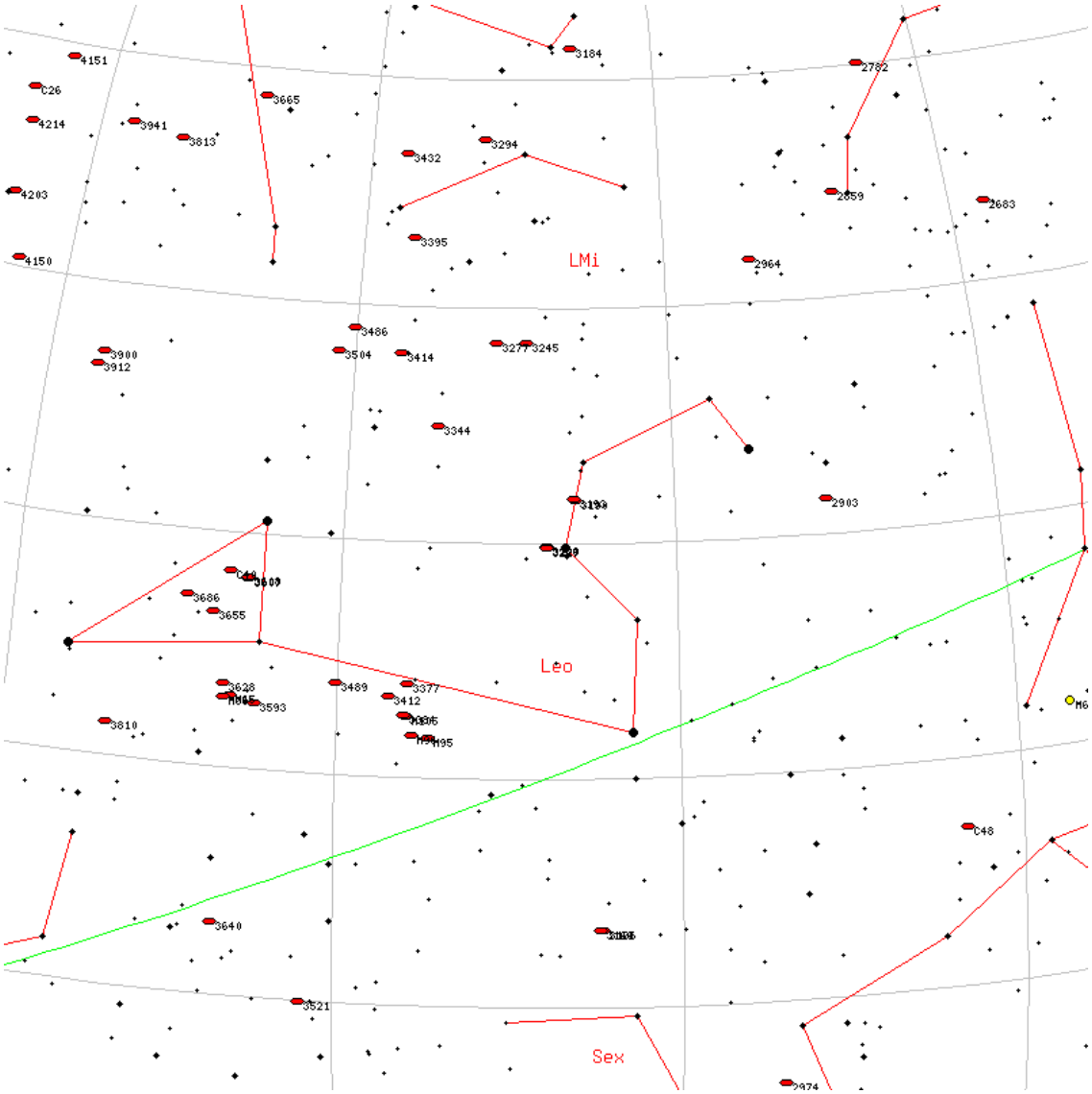
M	NGC3294	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	11.7	**Size**	1.8 x 0.9
RA	10h 36m	**Dec**	+37d 19m
Name			
Description	cB, L, mE 135deg , glbM		

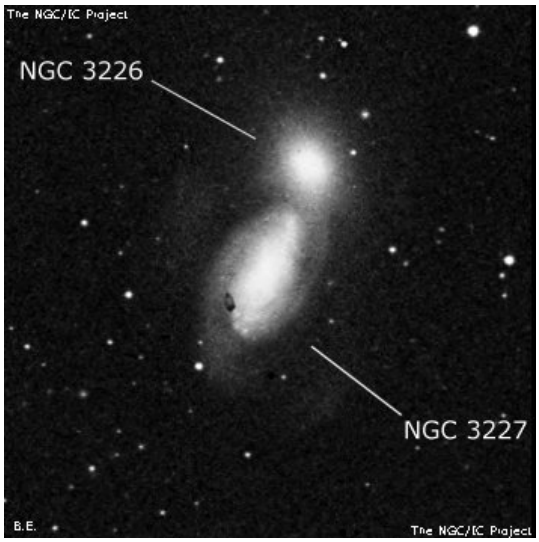




NGC3227

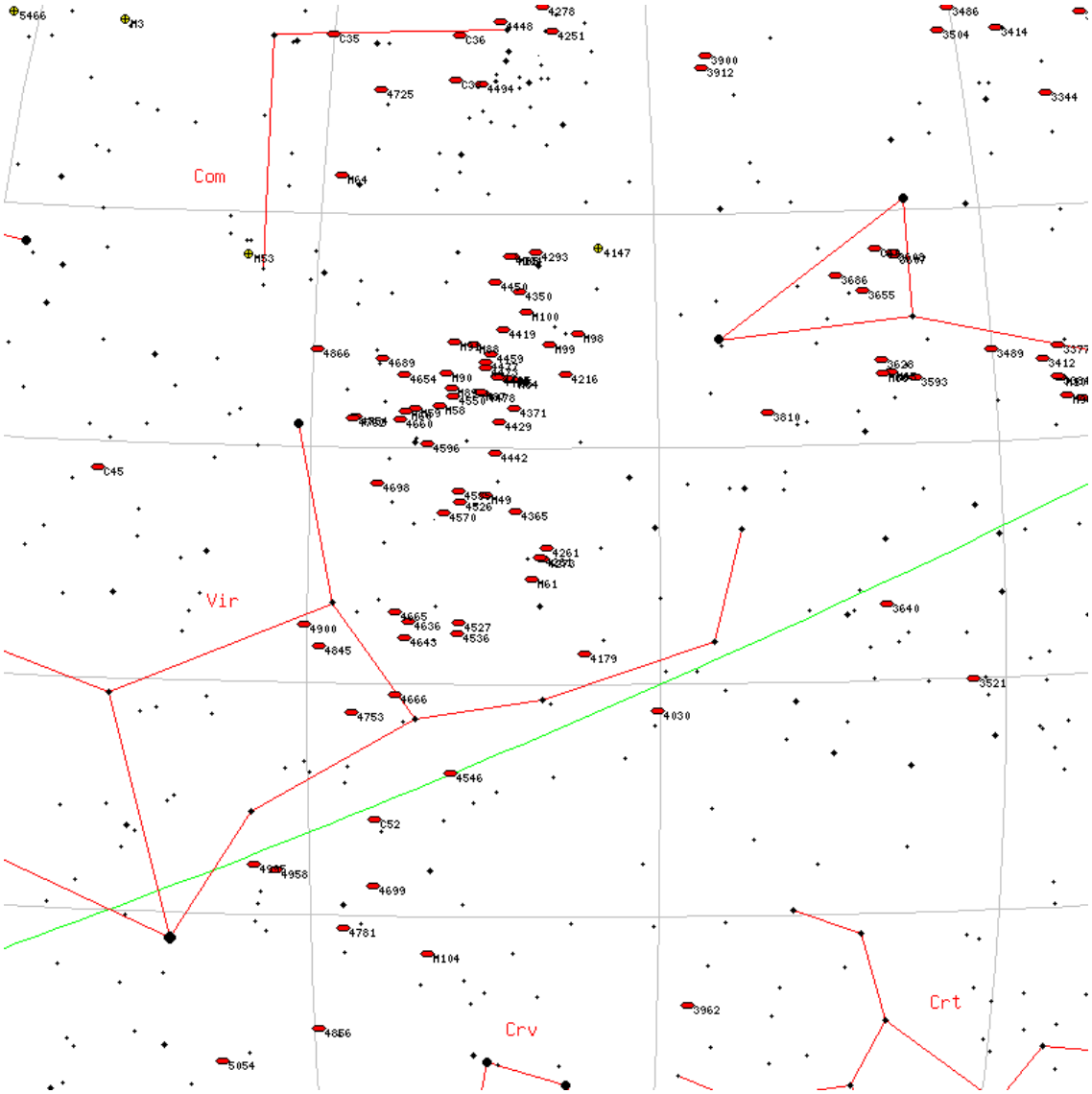
M	NGC3227	**ID**	-
Constellation	Leo	**Type**	Gx
Magnitude	10.8	**Size**	2.7 x 1.8
RA	10h 23m	**Dec**	+19d 52m
Name			
Description	pB, cL, R, D with 3226		

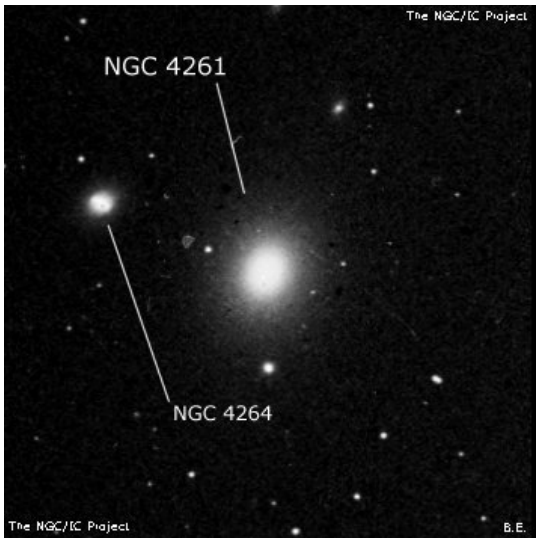




NGC4261

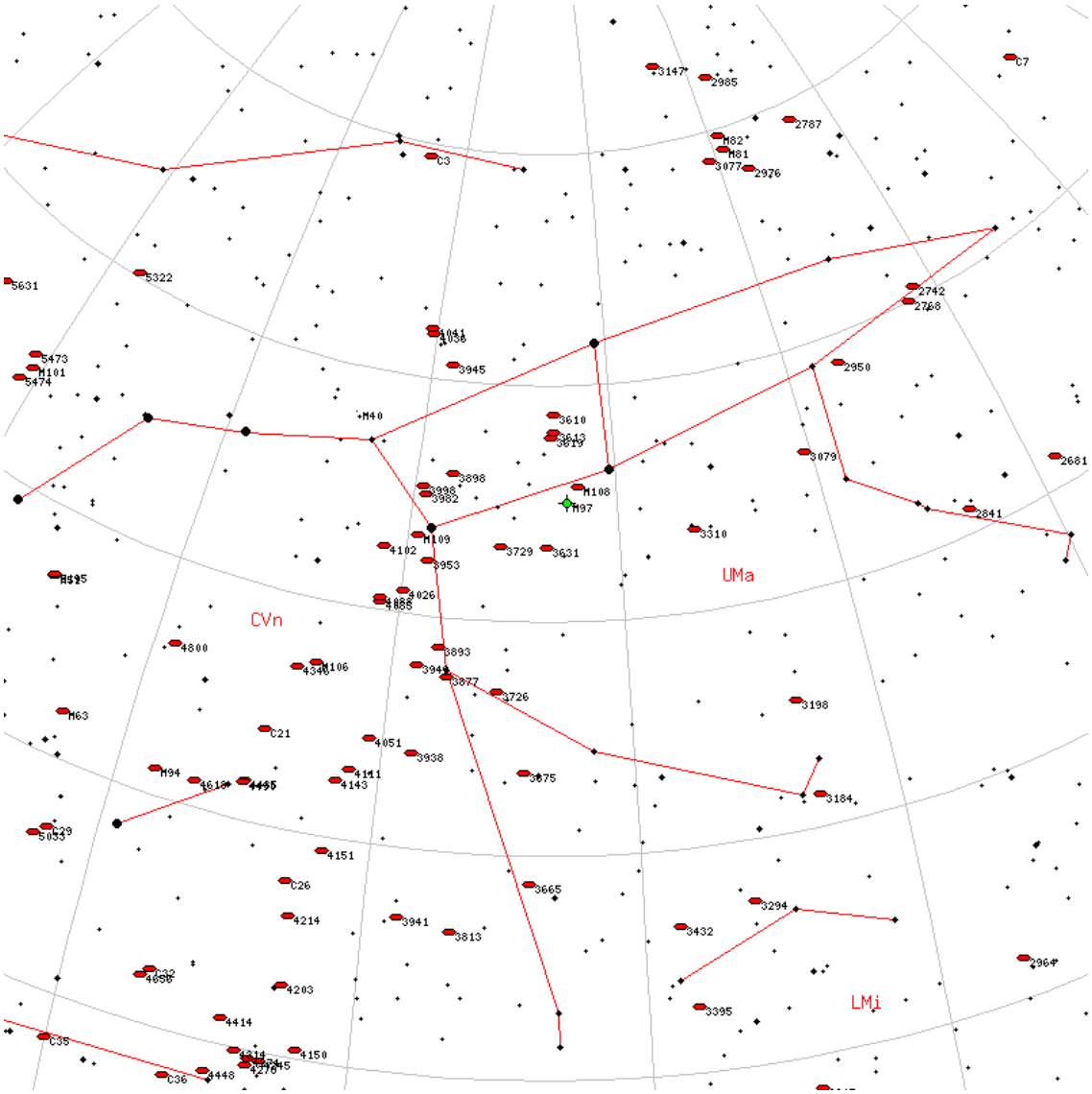
M	NGC4261	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.3	**Size**	2 x 1.8
RA	12h 19m	**Dec**	+05d 49m
Name			
Description	pB, pS, R, gbM		

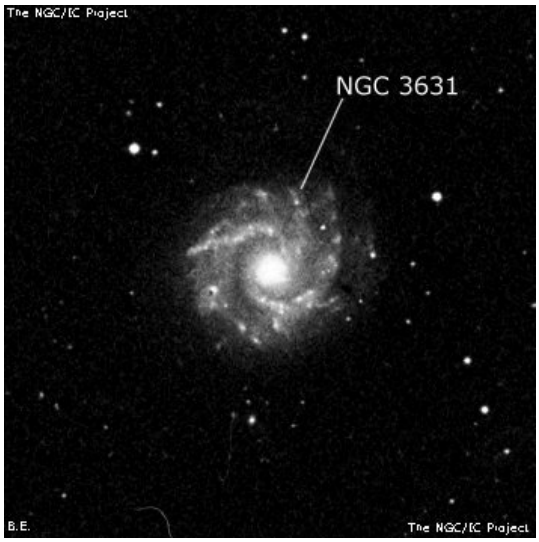




NGC3631

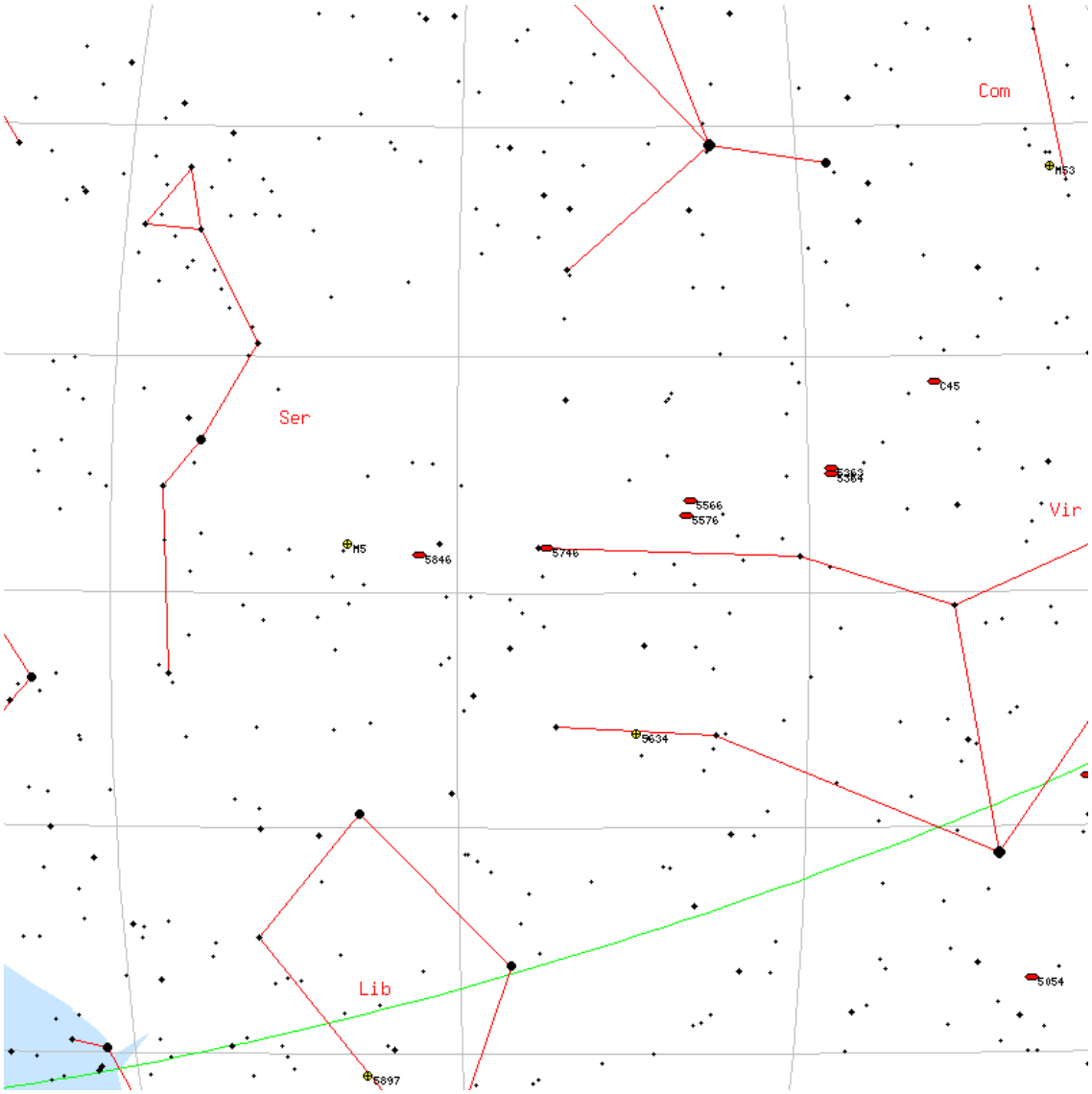
M	NGC3631	**ID**	-
Constellation	UMa	**Type**	Gx
Magnitude	10.4	**Size**	4.6 x 4.6
RA	11h 20m	**Dec**	+53d 10m
Name			
Description	pB, L, R, svmbMrN		

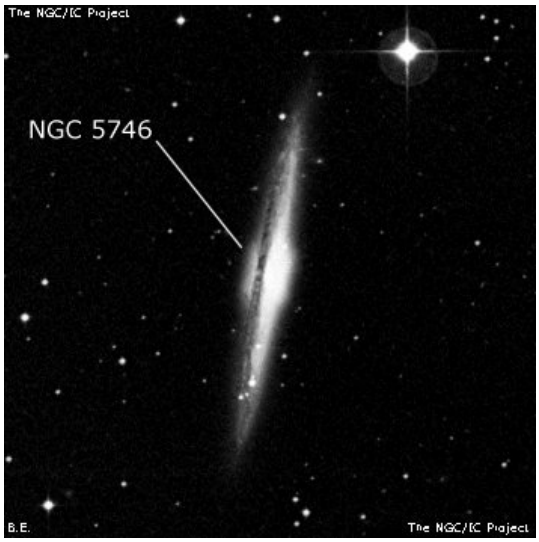




NGC5746

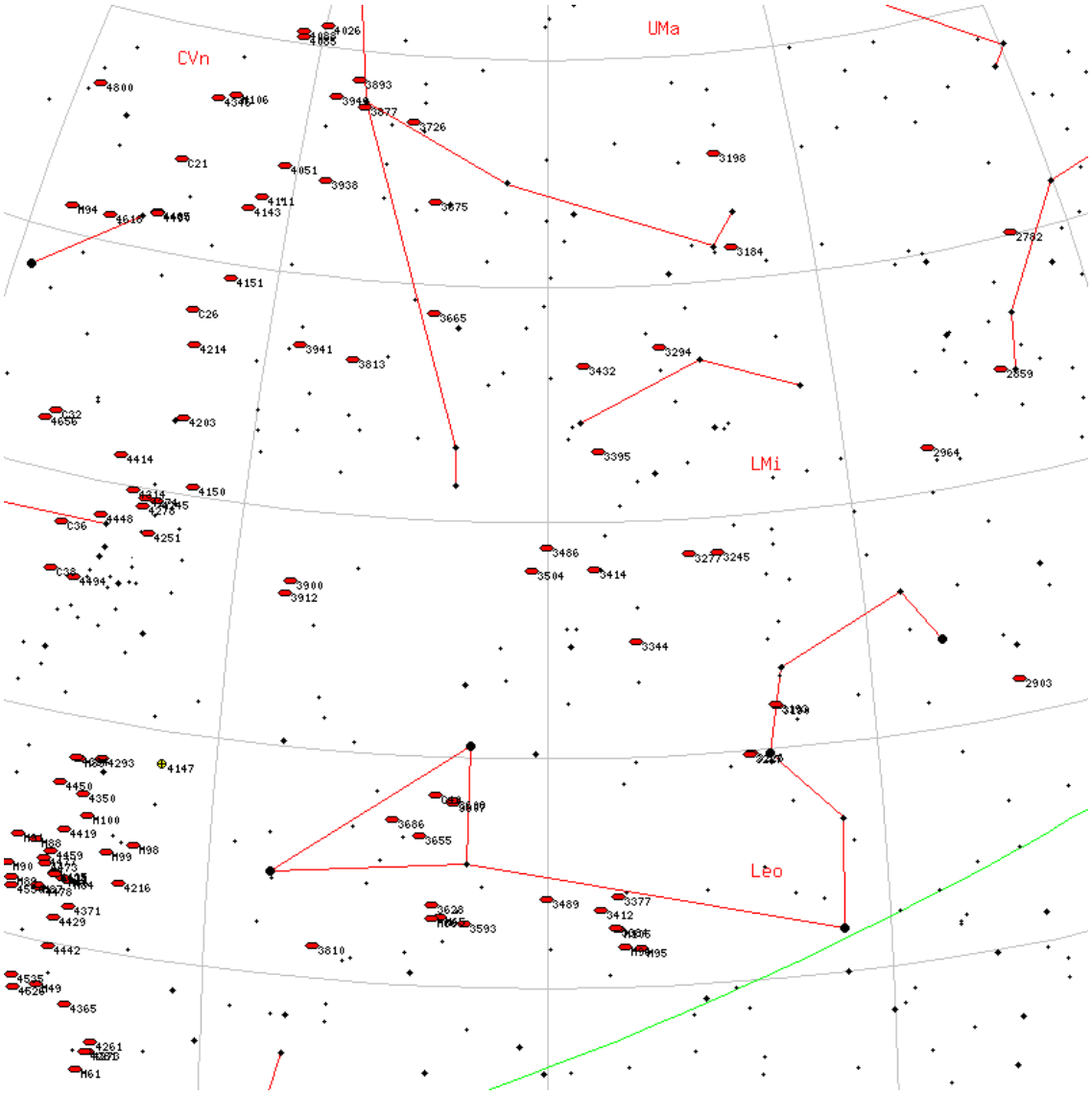
M	NGC5746	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.6	**Size**	3.7 x 0.7
RA	14h 44m	**Dec**	+01d 57m
Name			
Description	B, L, vmE 170deg , bmBN		

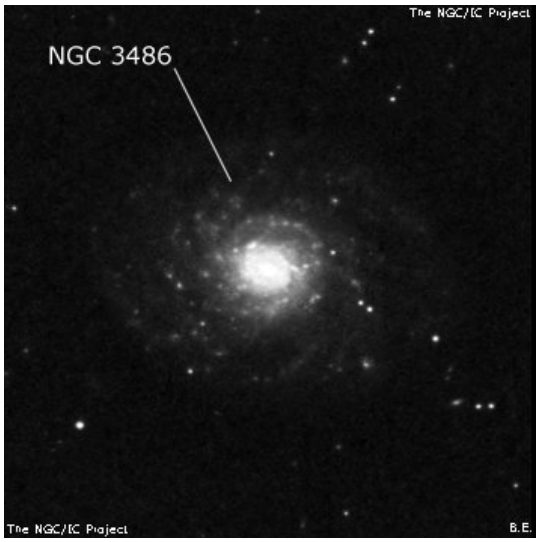




NGC3486

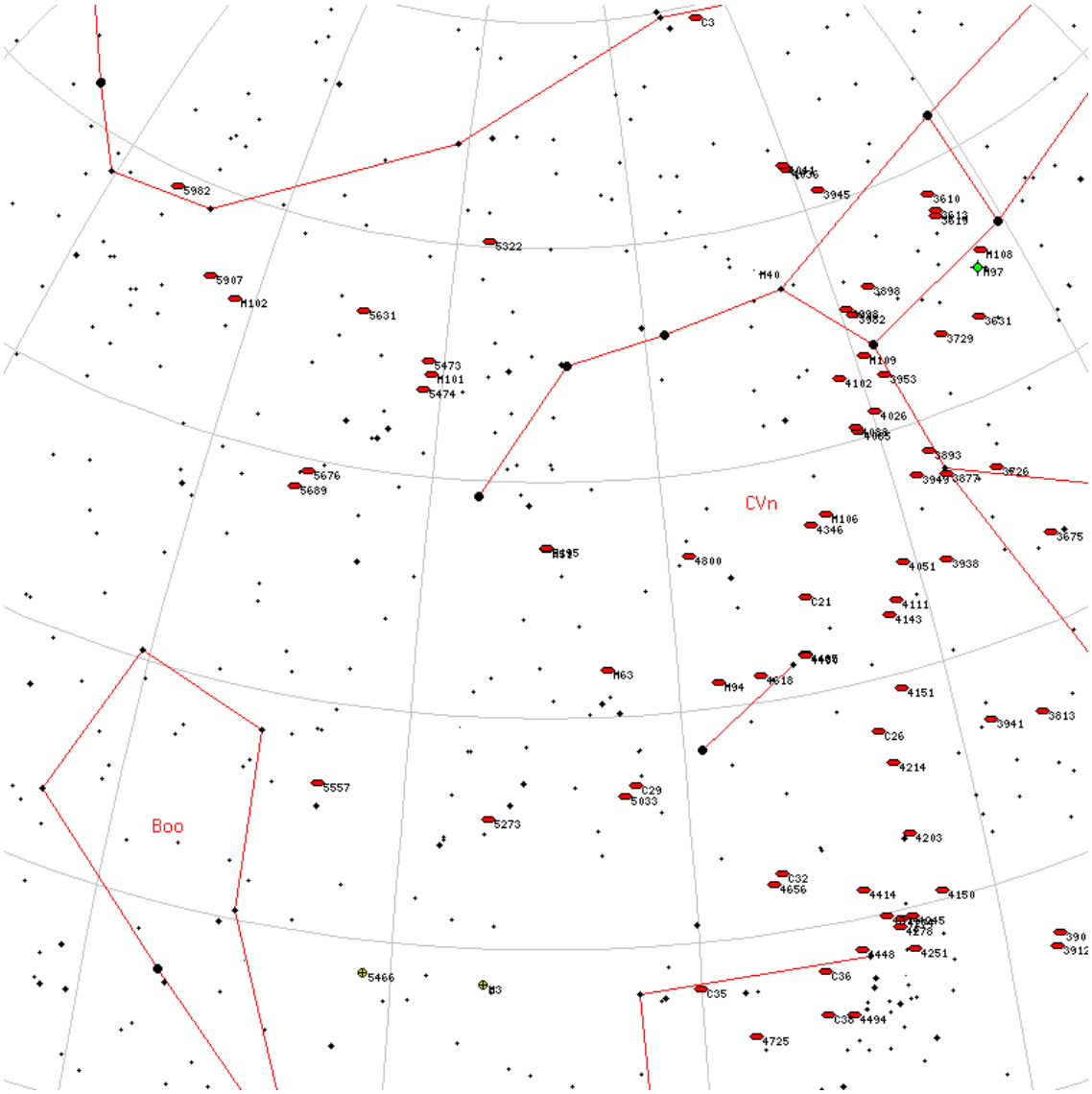
M	NGC3486	**ID**	-
Constellation	LMi	**Type**	Gx
Magnitude	10.3	**Size**	3.5 x 2.6
RA	11h 00m	**Dec**	+28d 58m
Name			
Description	cB, cL, R, gmbM		

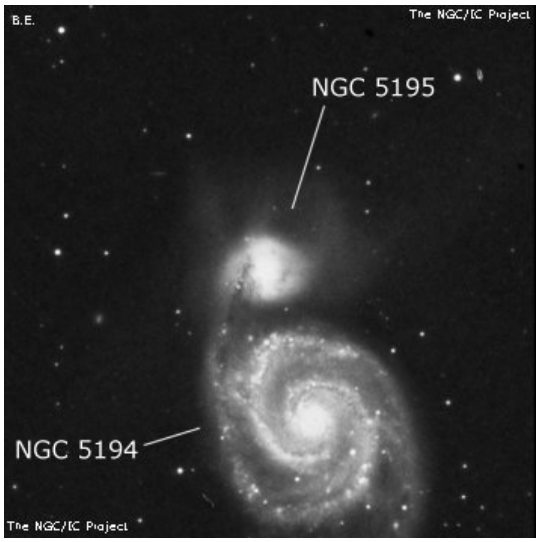




NGC5195

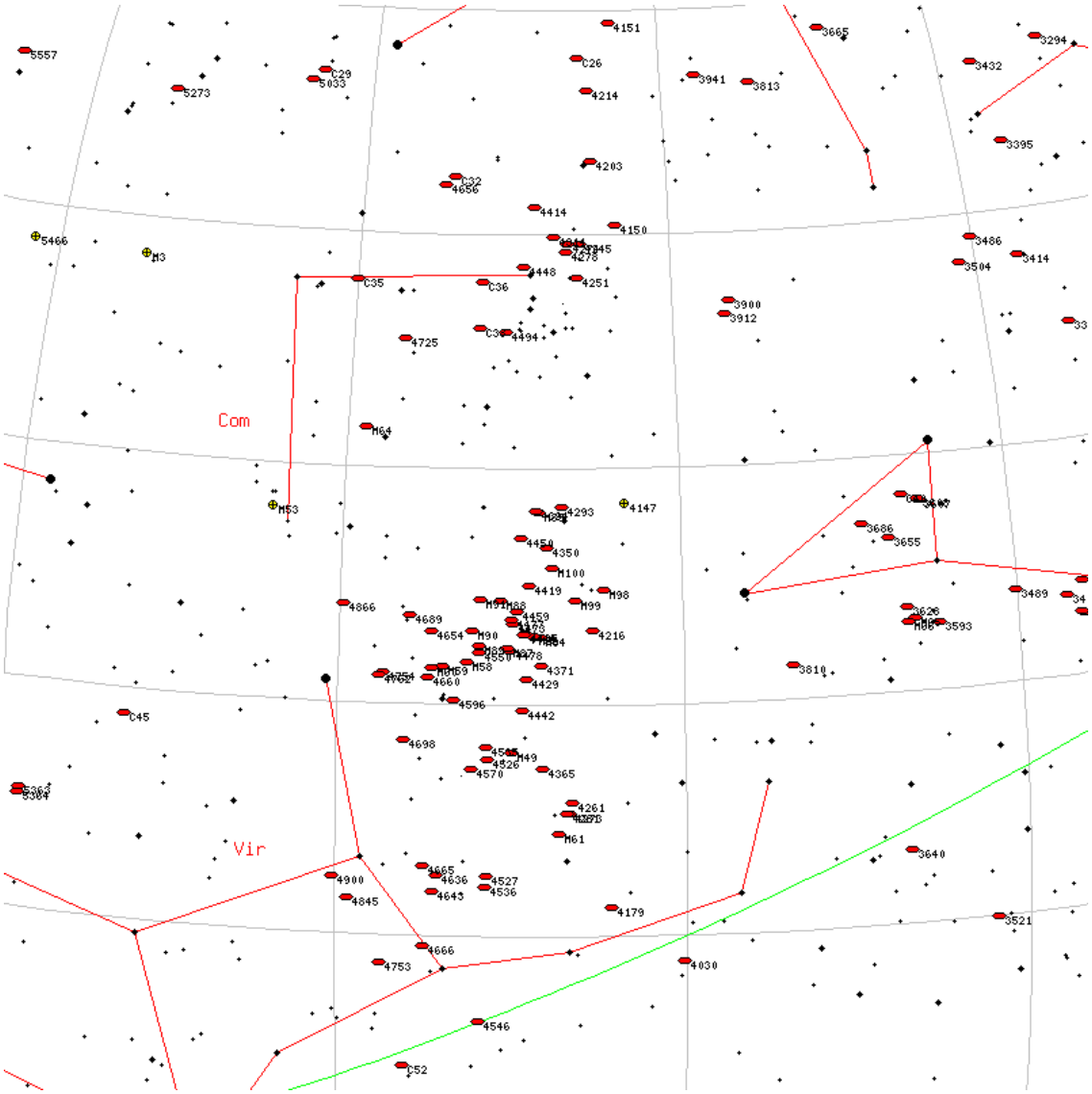
M	NGC5195	**ID**	-
Constellation	CVn	**Type**	Gx
Magnitude	9.6	**Size**	2.9 x 2.3
RA	13h 30m	**Dec**	+47d 16m
Name			
Description	B, pS, IE, vgbM, inv in M51		





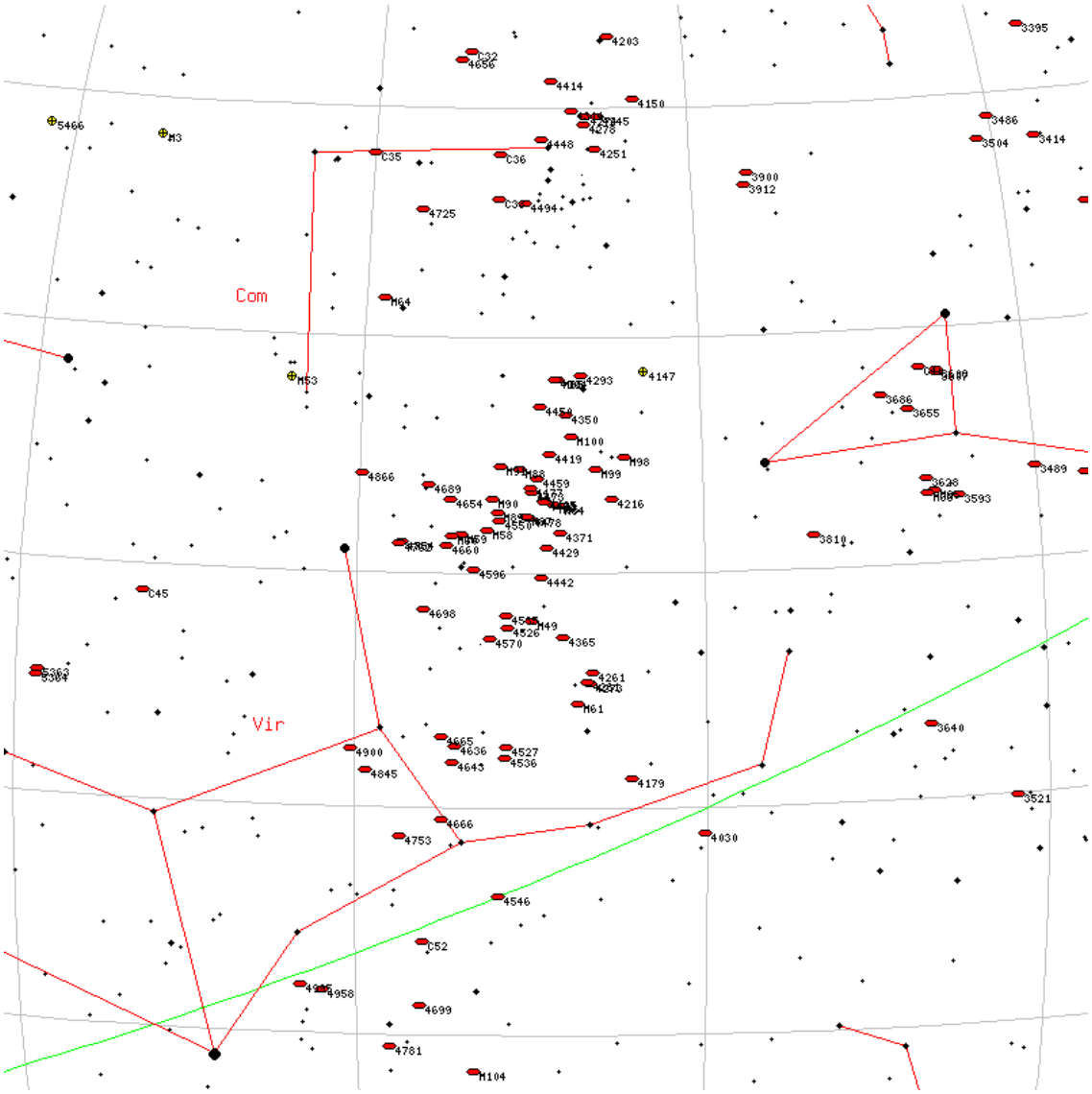
NGC4350

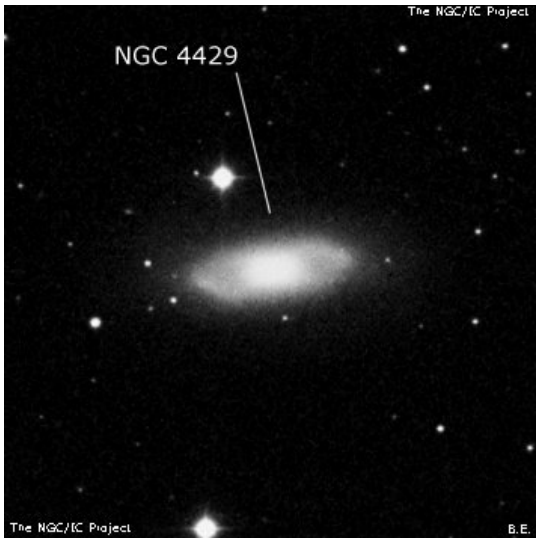
M	NGC4350	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	11.1	**Size**	1.5 x 0.7
RA	12h 24m	**Dec**	+16d 41m
Name			
Description	cB, vS, mE, vsbM		



NGC4429

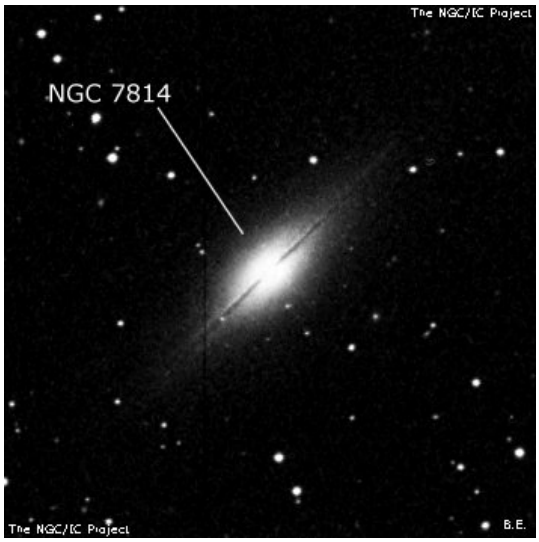
M	NGC4429	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.2	**Size**	2.8 x 1.3
RA	12h 27m	**Dec**	+11d 07m
Name			
Description	B, L, cE, psbM, *10 nf		





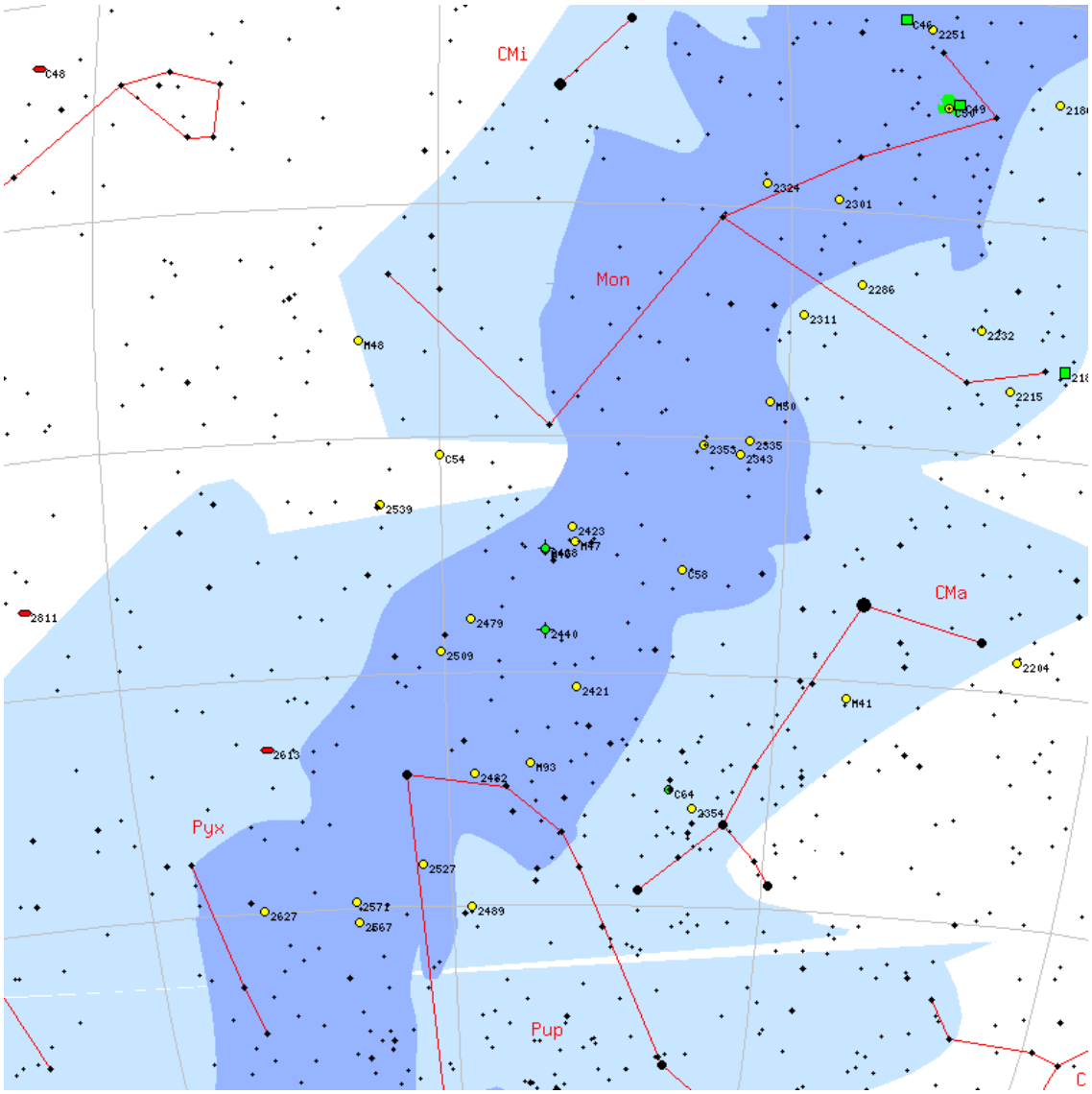
NGC7814

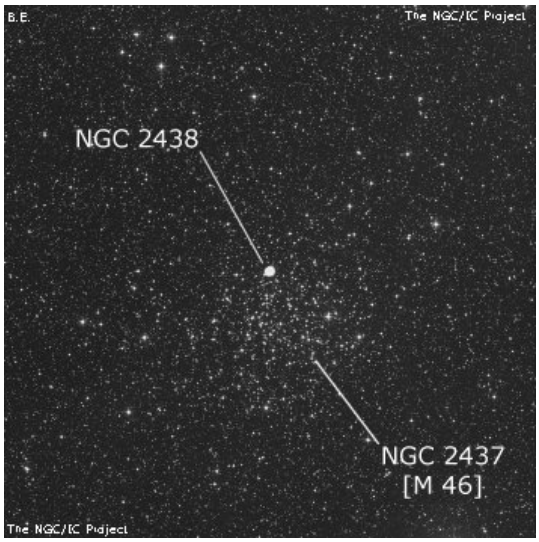
M	NGC7814	**ID**	-
Constellation	Peg	**Type**	Gx
Magnitude	10.5	**Size**	2.8 x 1.1
RA	00h 03m	**Dec**	+16d 08m
Name	Electric Arc		
Description	cB, cL, E, vgbM		



NGC2438

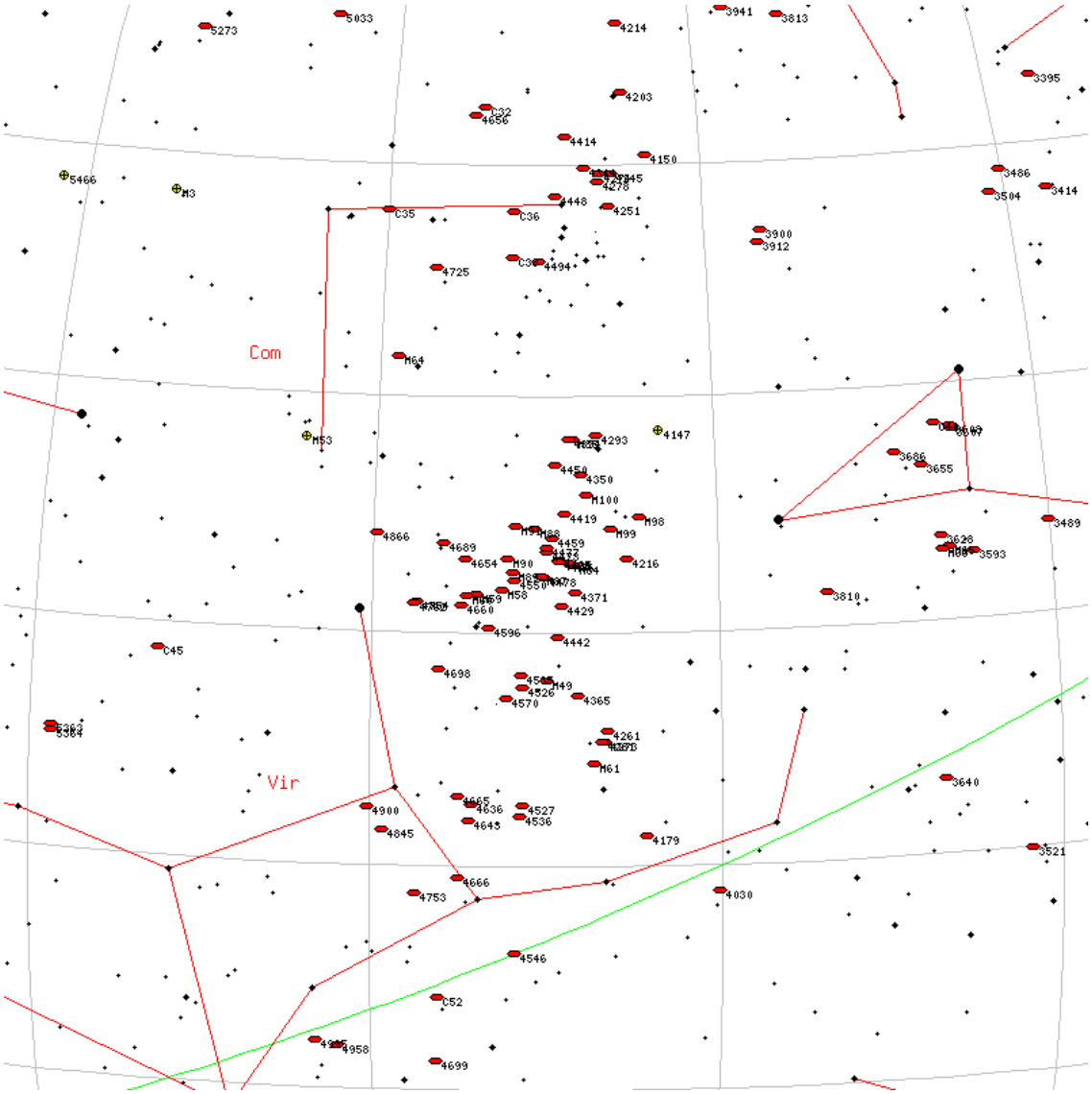
M	NGC2438	**ID**	-
Constellation	Pup	**Type**	Pl
Magnitude	10	**Size**	1.1 x 1.1
RA	07h 41m	**Dec**	-14d 43m
Name			
Description	PN , pB, pS, vlE, r, 3s .75 d		

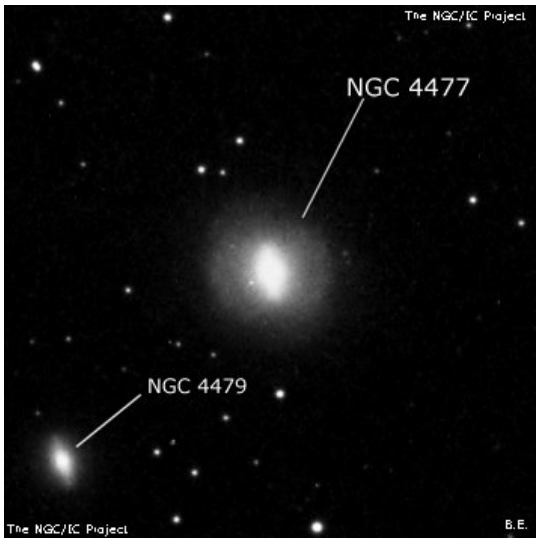


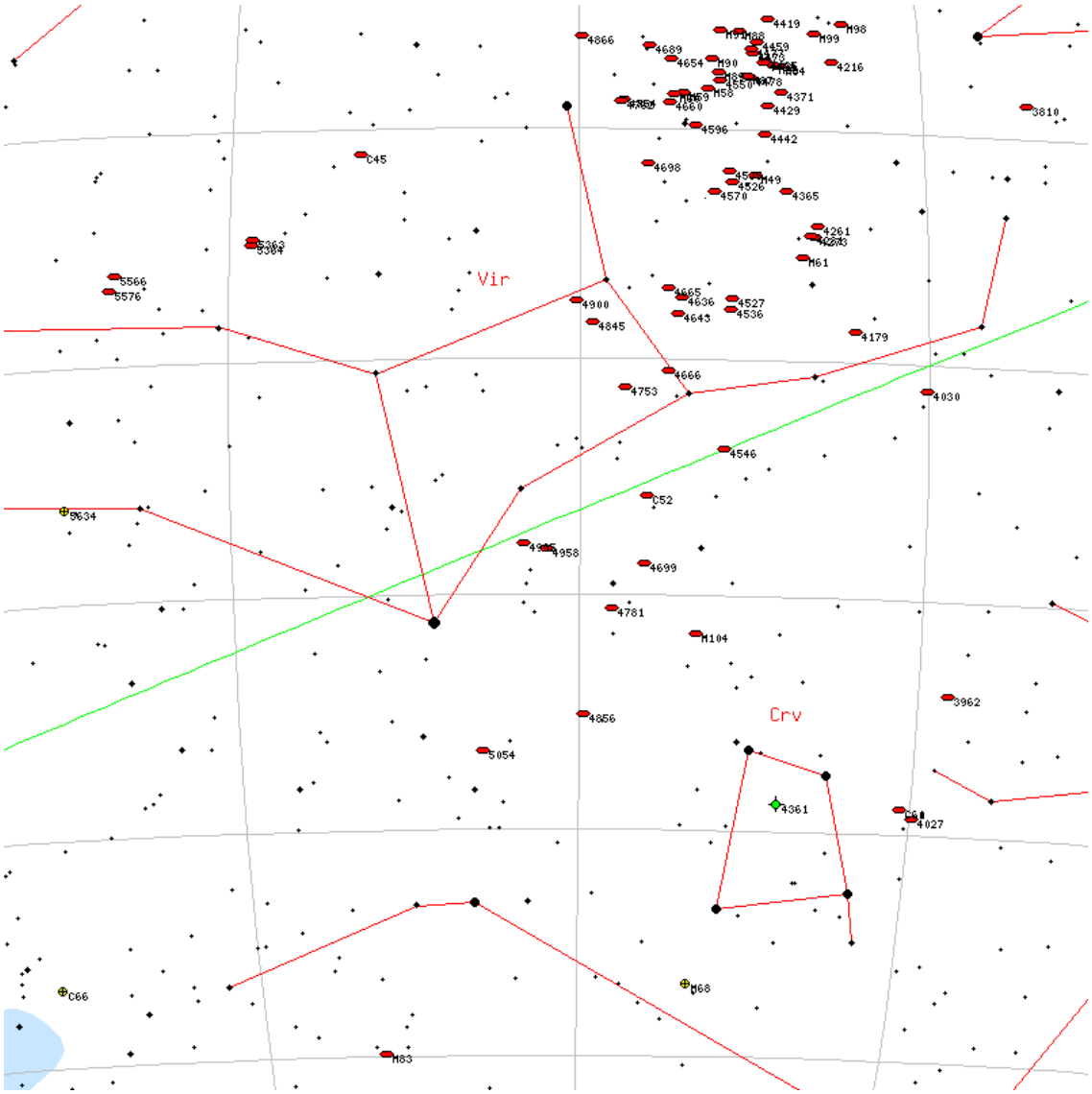
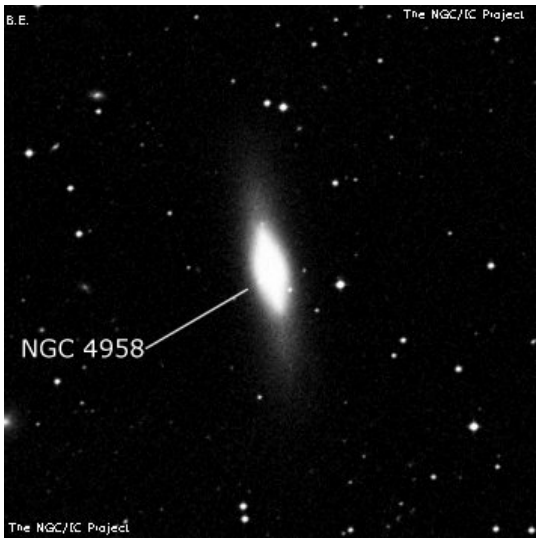


NGC4477

M	NGC4477	**ID**	-
Constellation	Com	**Type**	Gx
Magnitude	10.4	**Size**	1.9 x 1.7
RA	12h 30m	**Dec**	+13d 37m
Name			
Description	pB, cL		





NGC4958

M	NGC4958	**ID**	-
Constellation	Vir	**Type**	Gx
Magnitude	10.5	**Size**	2 x 0.6
RA	13h 05m	**Dec**	-08d 01m
Name			
Description	vB, pS, E, bMBN