



The Beginner's Star Atlas

16 overview charts covering the entire sky
96 search charts of the most interesting areas

Ed Vazhorov

Annotation

The Beginner's sky atlas consists of 16 overview charts covering the entire sky, showing stars brighter than 7.1^m and deepsky objects brighter than 10.9^m .

On each map, 6 selected areas with an angular diameter of 8° are marked with a dotted line around interesting areas of the sky (the field of view of a popular seeker - 6×30).

For each overview map on a reduced scale (enlarged), 6 search maps of selected areas are displayed on a separate page, showing stars brighter than 9.5^m and deepsky objects brighter than 12^m . Thus, all the most interesting areas of the sky are presented in detail on 96 search maps!

For convenient orientation in the atlas, the numbers of adjacent maps are indicated on the sides of each map inside green triangles.

It is recommended to print the pages of the atlas so that the overview map and the corresponding map of selected areas can be viewed simultaneously.

The map shows the names, figures and boundaries of the constellations, the ecliptic is marked with a red line, and the grid of equatorial coordinates for the J2000.0 epoch is marked along the edges.

Double stars on the map are marked with a crossed out horizontal line. From the catalogs of deepsky objects by Charles Messier (M) and NGC / IC, the map shows the brightest and most extended galaxies, open and globular clusters, diffuse and planetary nebulae (1170 objects in total). The decoding of the designations is available under each map of the atlas.

To make it easier for beginners to prepare the evening plan of observations, the most accessible objects for observations with astrobinoculars and small telescopes with angular dimensions greater than $15'$ on the atlas maps are marked with larger symbols. It is worth starting acquaintance with the beauties of the sky from these objects.

The maps do not show very small or faint nebulae, which are very difficult to observe with small instruments. Watching the sky with this atlas you will never be disappointed!

One way or another, in order to see the objects depicted on the maps of the atlas, you need to observe in a fairly dark place, far from city light, where the Milky Way is visible. At the same time, before starting observations, it is worth being in the dark for 15 minutes and using a dim red flashlight to illuminate the atlas so as not to lose night vision.

Information about all deepsky objects marked on overview maps is presented in the catalog, which is recommended to be printed separately.

In the catalog, in the superscript to the right of the names of the objects, their numbers according to the Caldwell catalog are indicated.

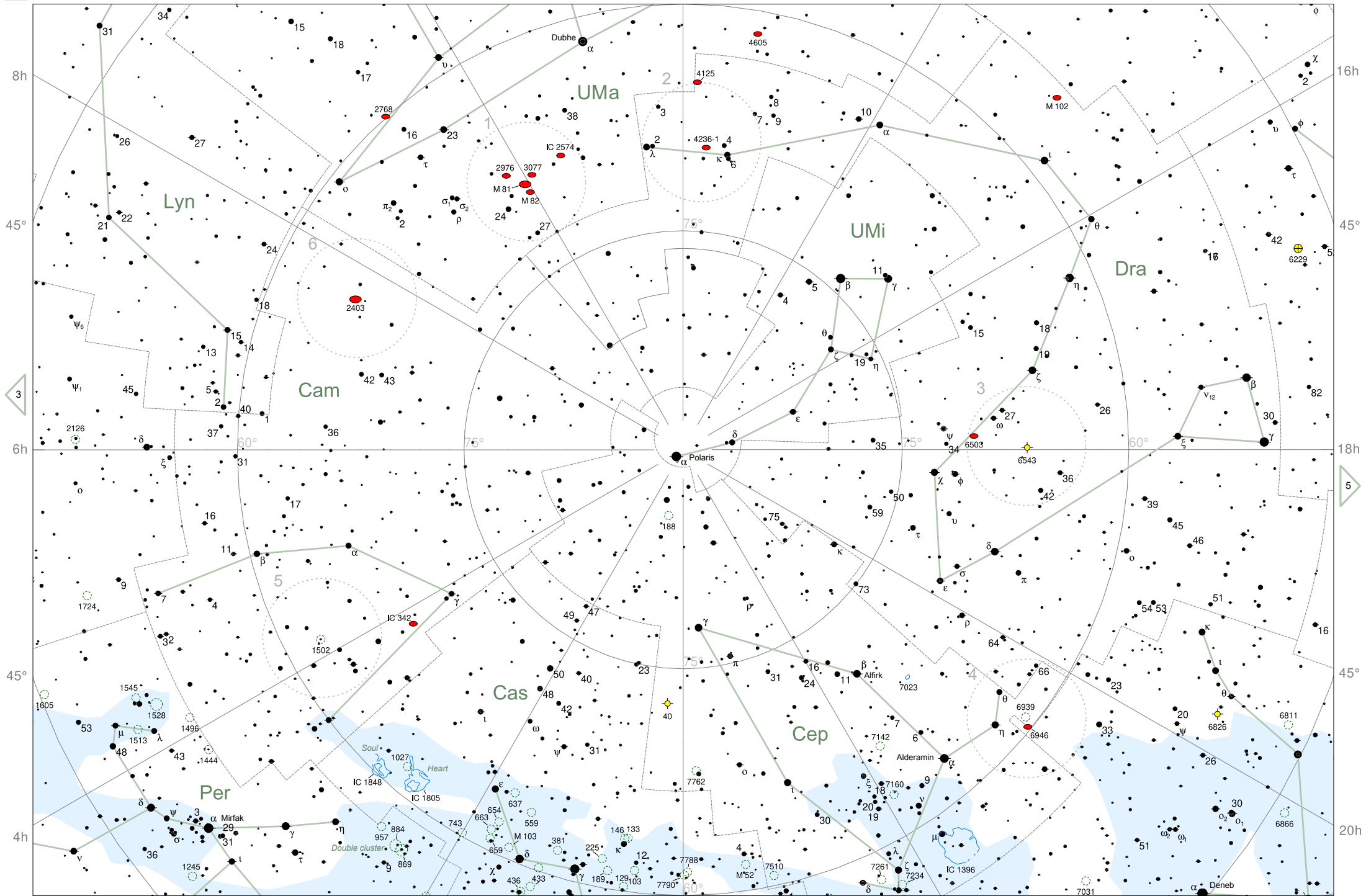
Asterisks in the catalog mark the most interesting sky objects recommended for novice observers. That's where you should start observing.

The decoding of the Latin abbreviations of the names of the constellations is available on the first page of the catalog.

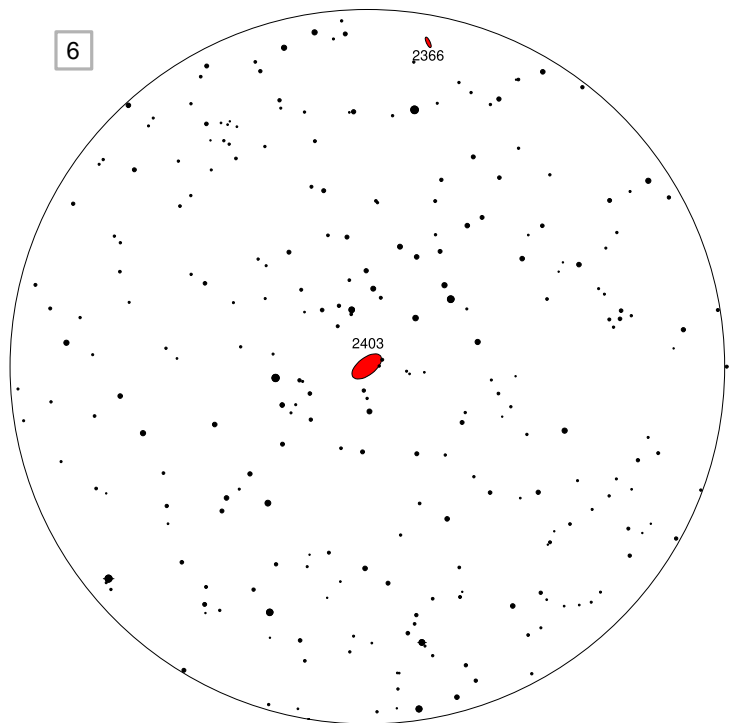
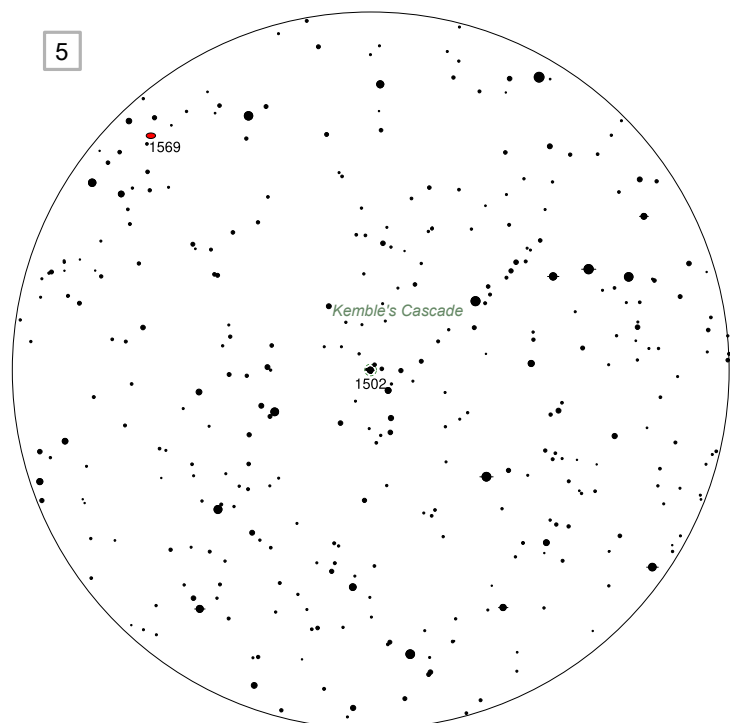
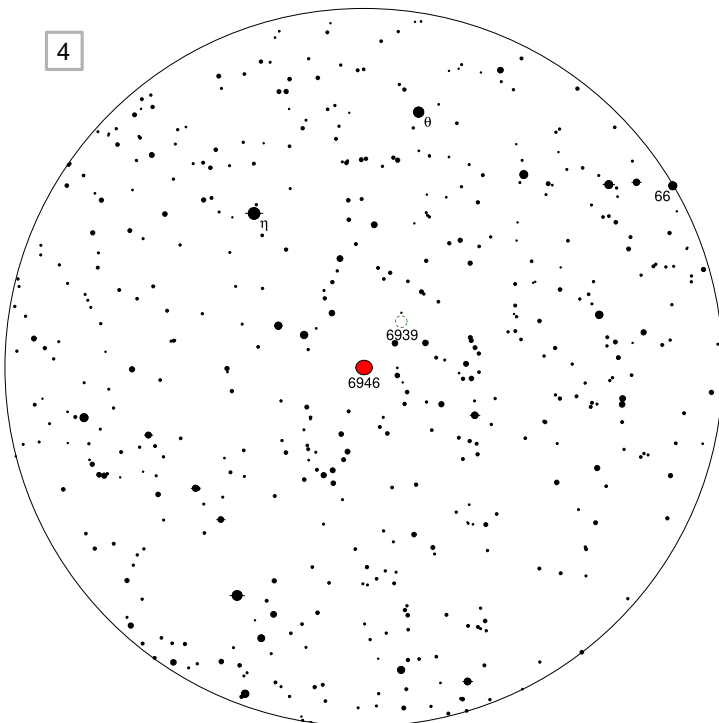
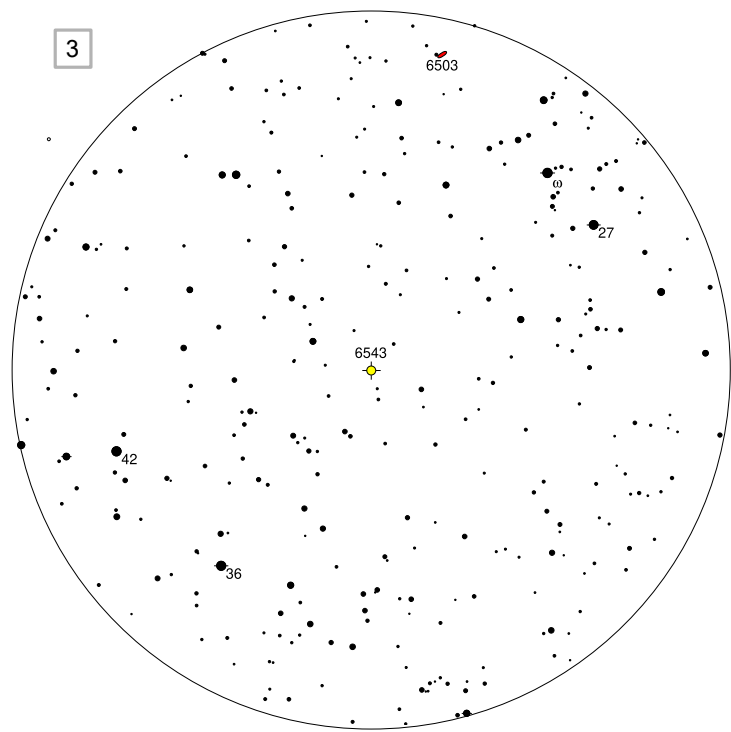
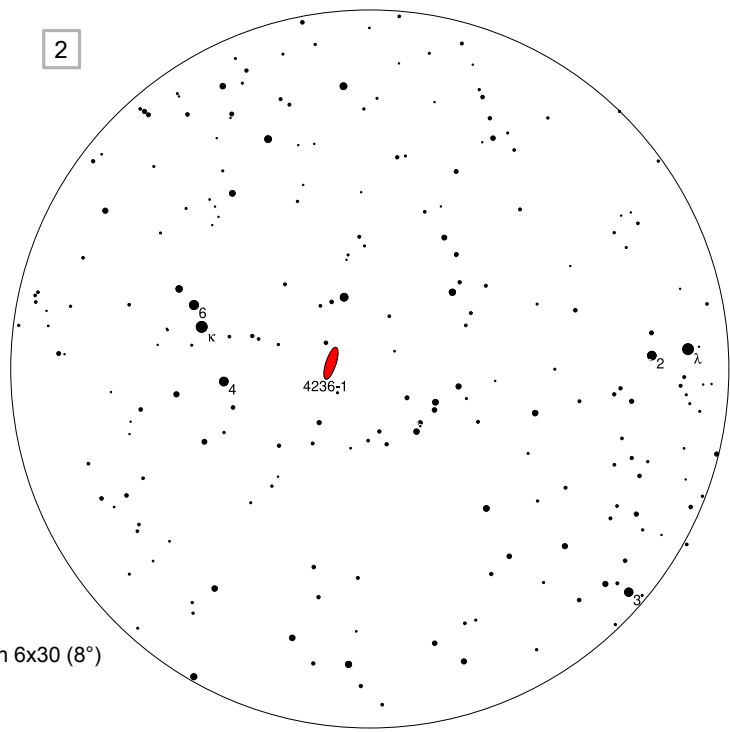
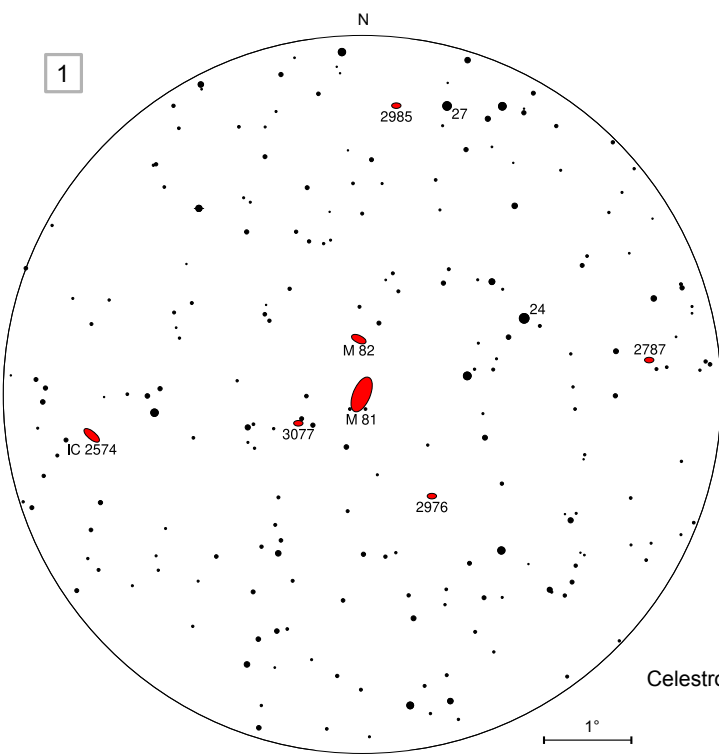
Clear skies and unforgettable observations!

1 Beginner's star atlas

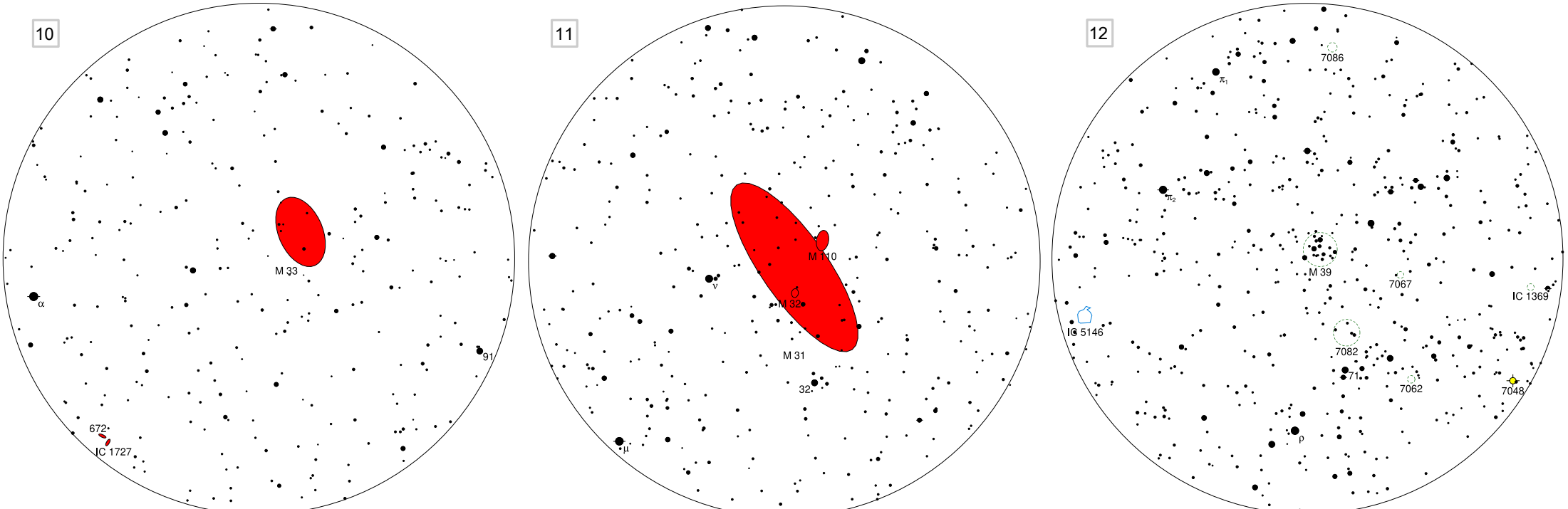
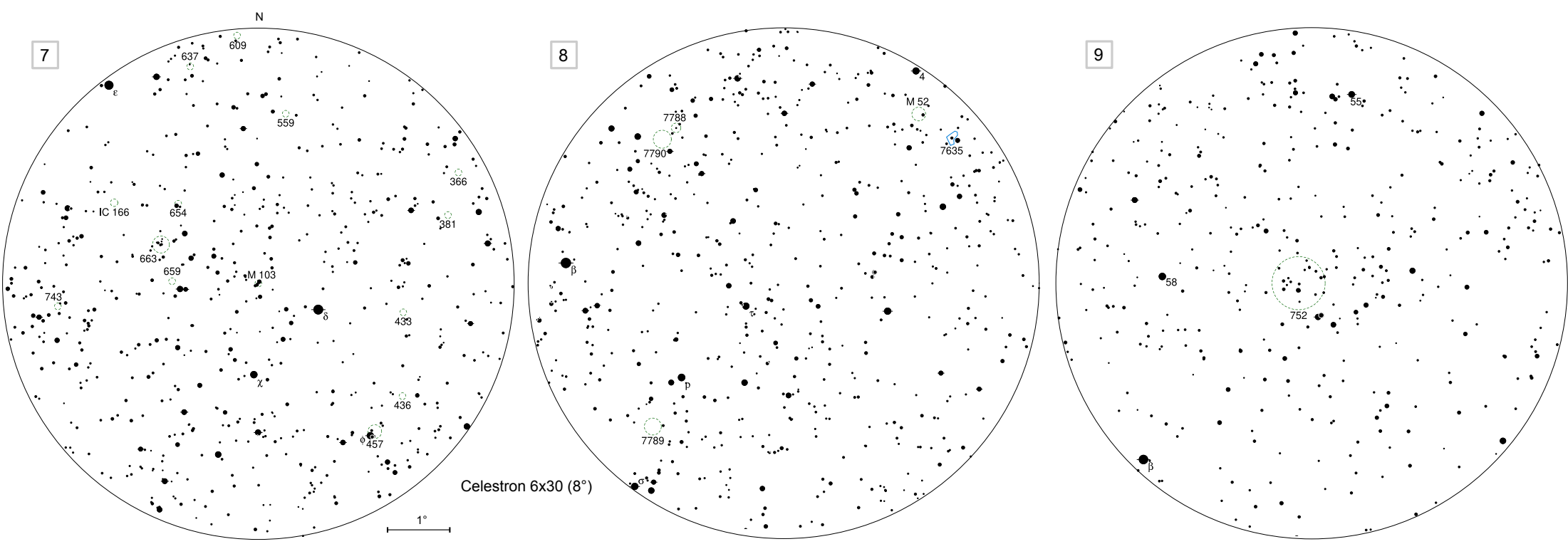
Ed Vazhorov, fb.com/vazhorov 45°



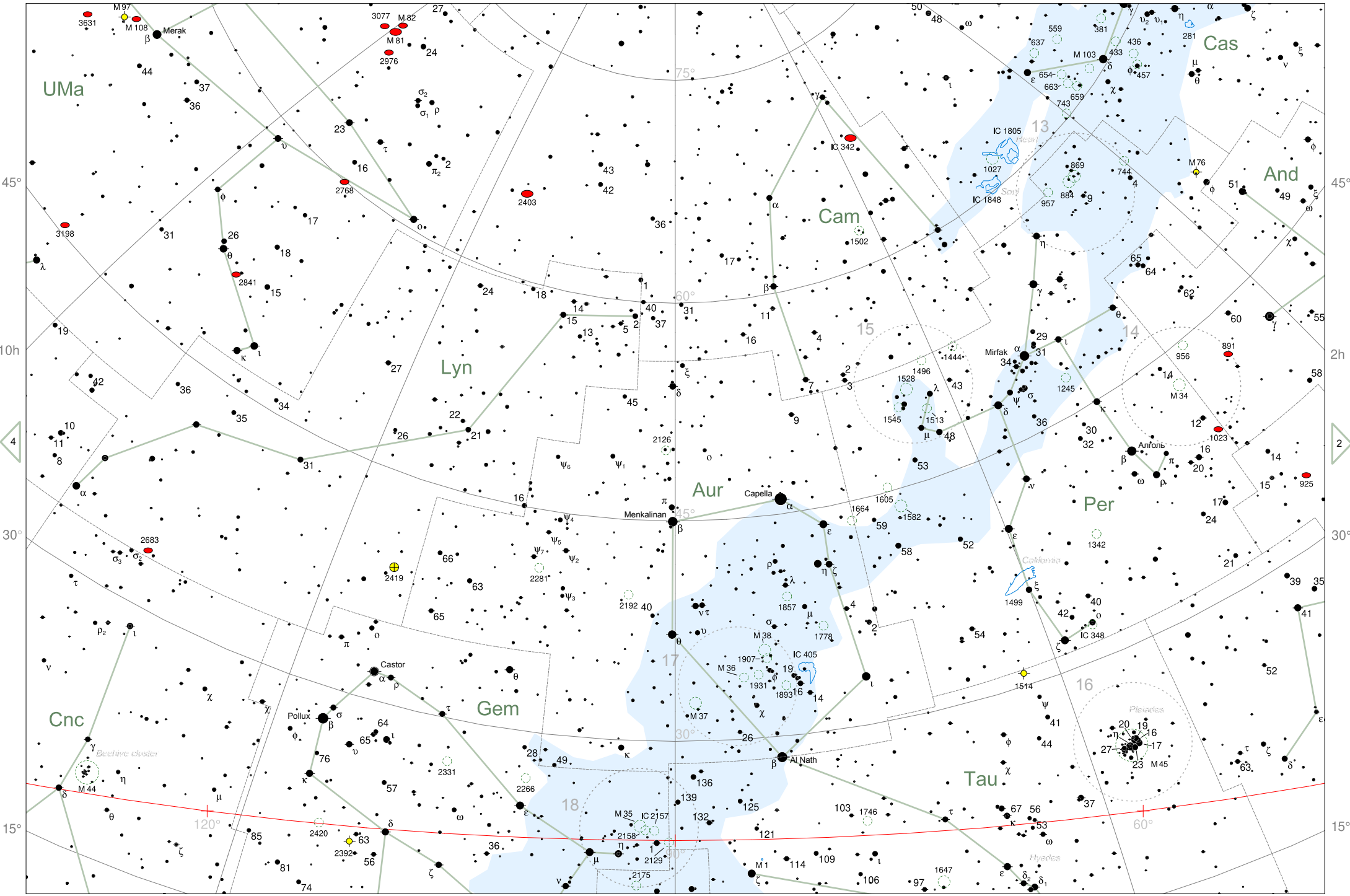
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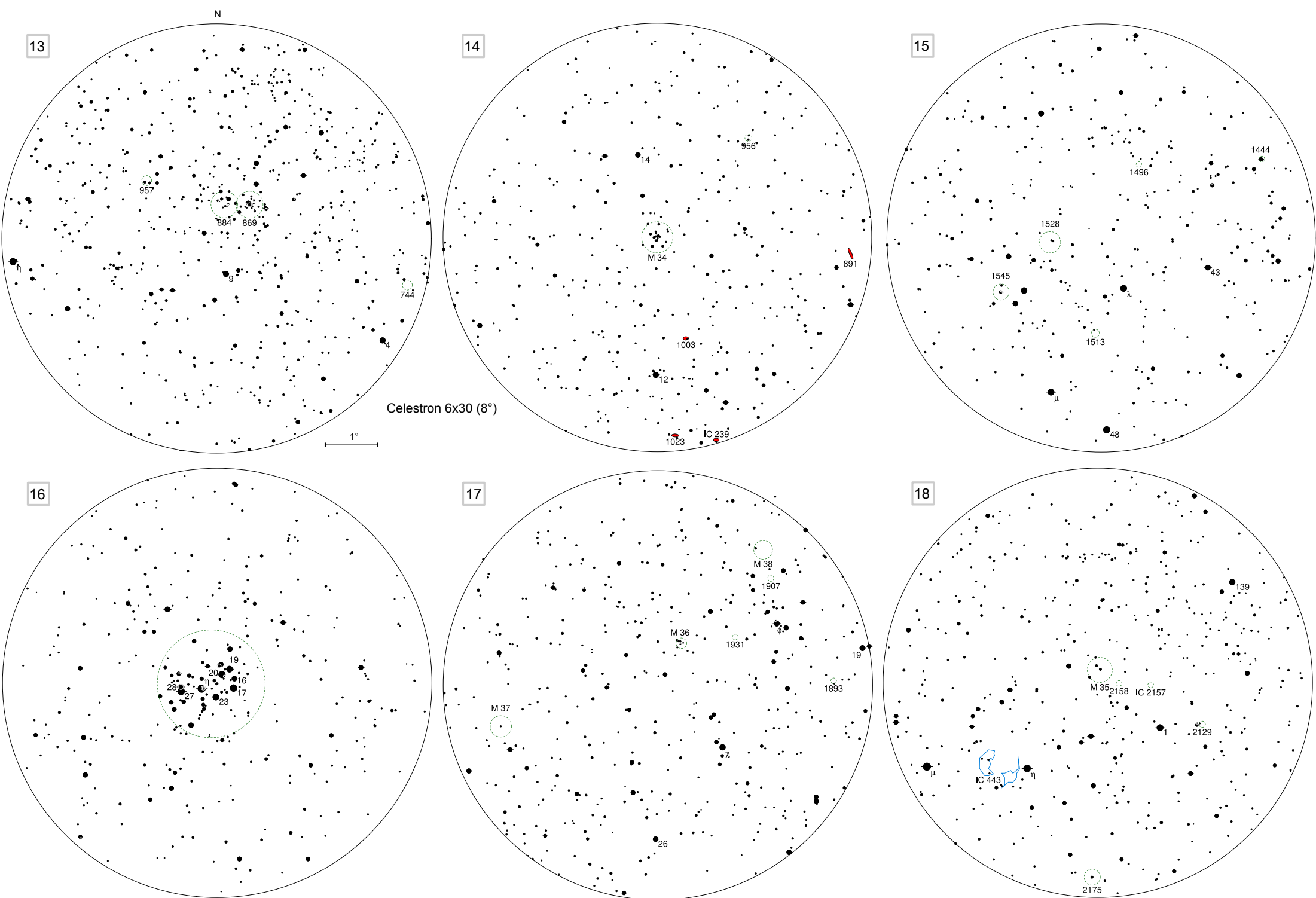


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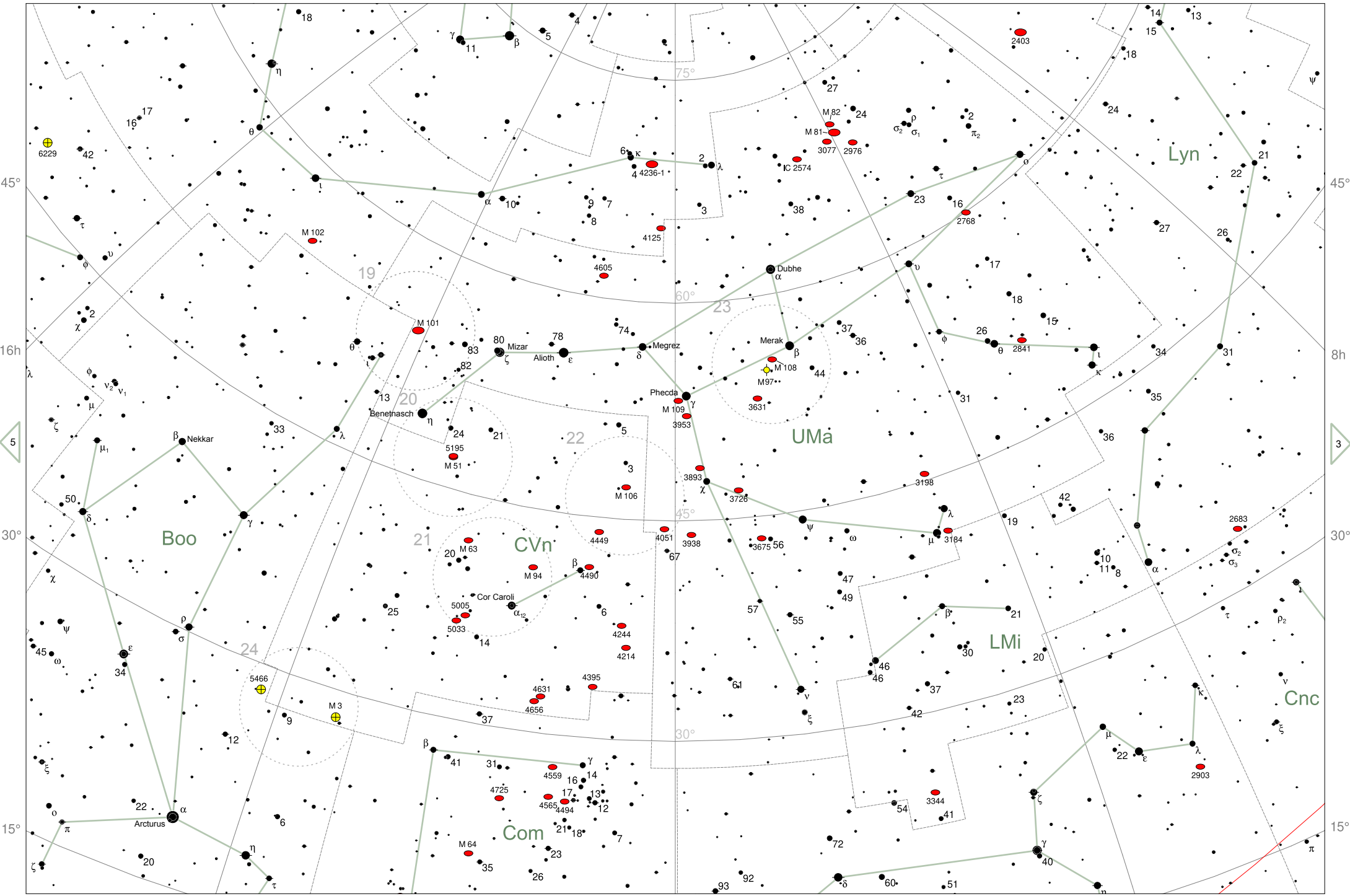
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Celestron 6x30 (8°)

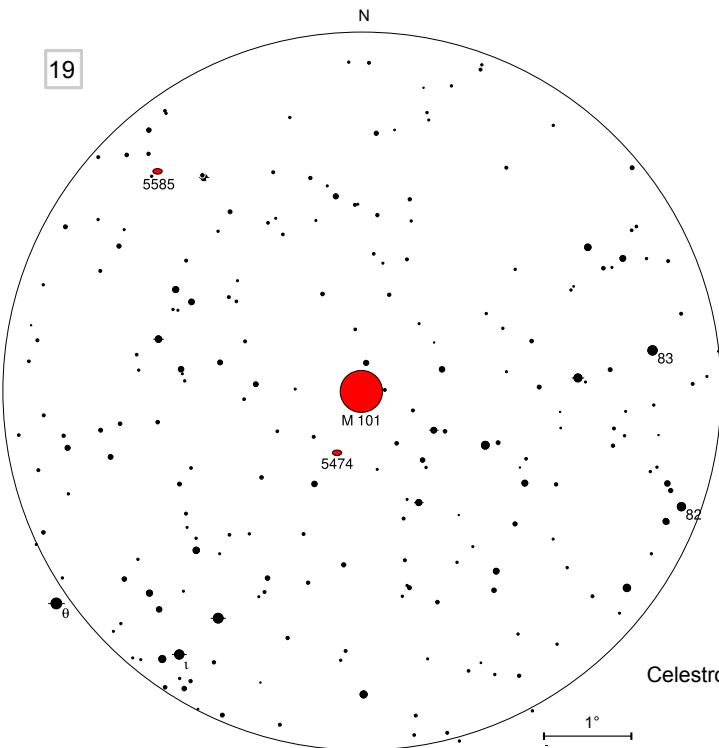
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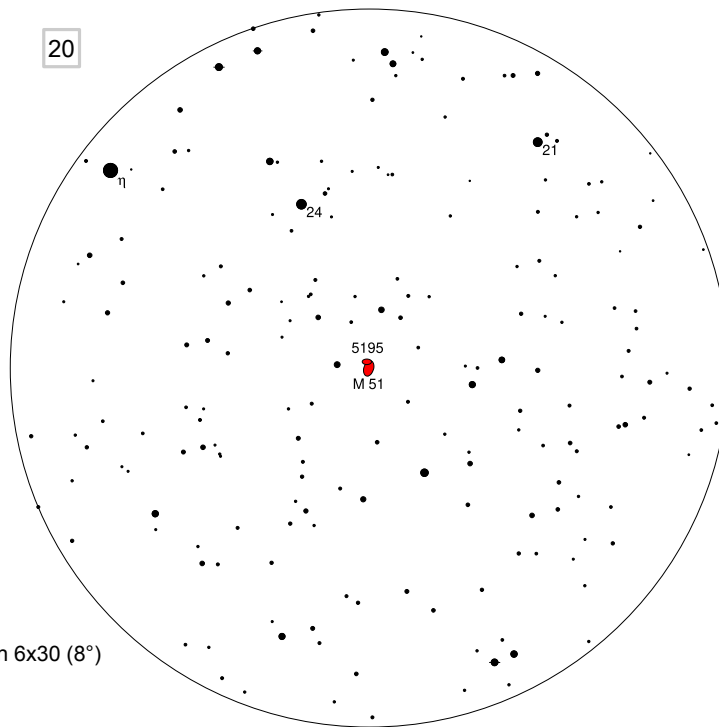


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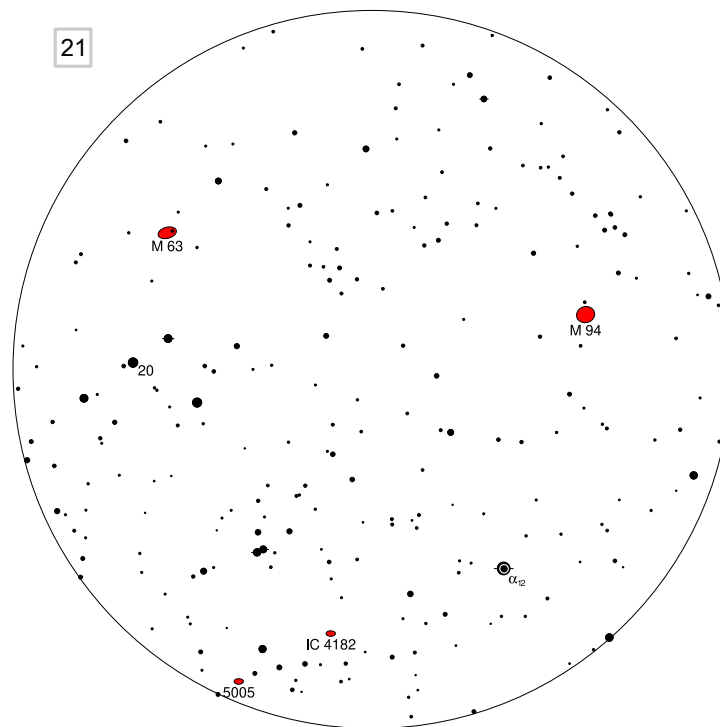
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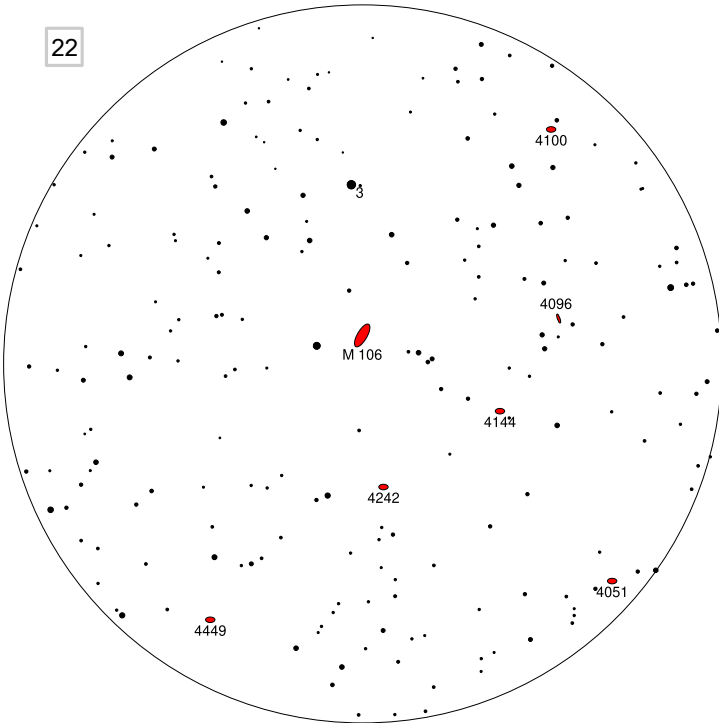
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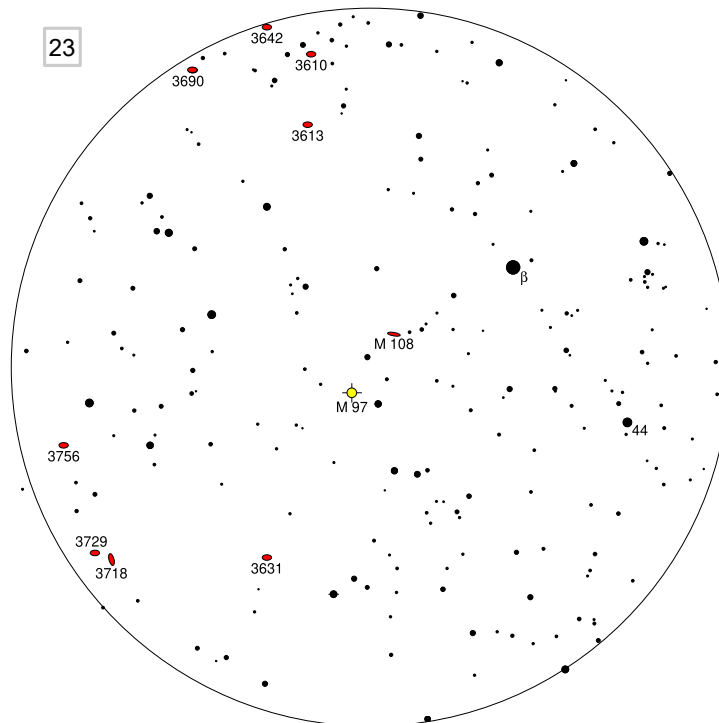
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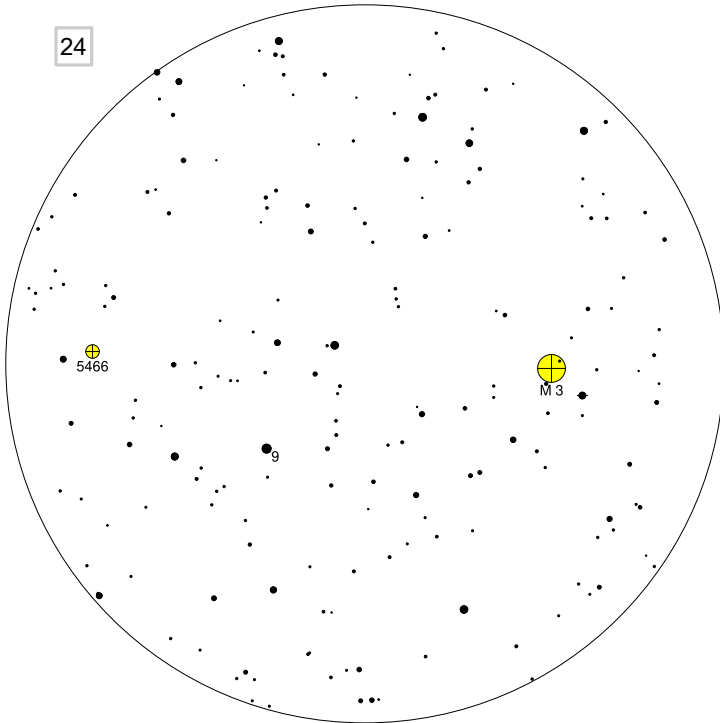
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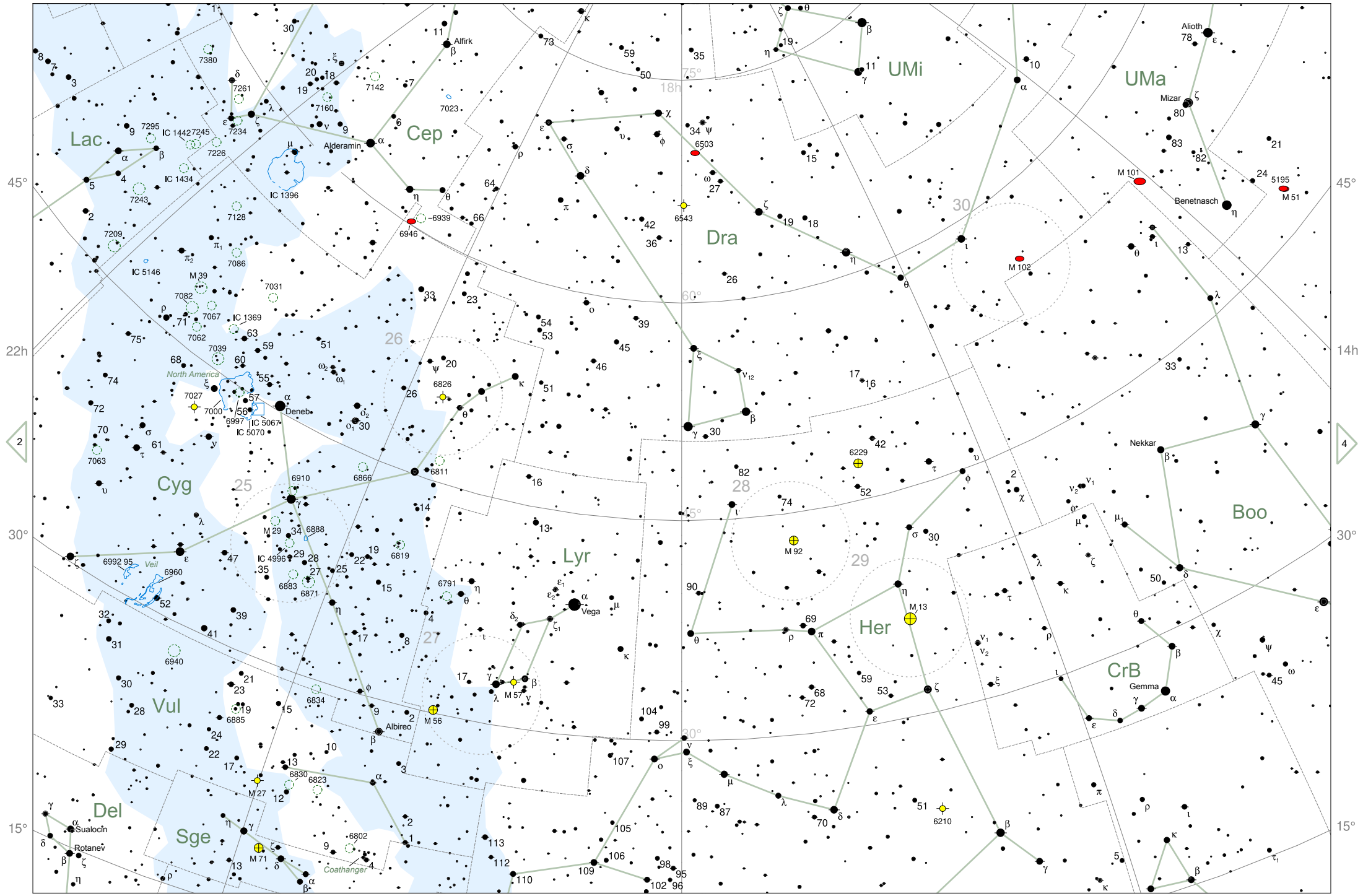
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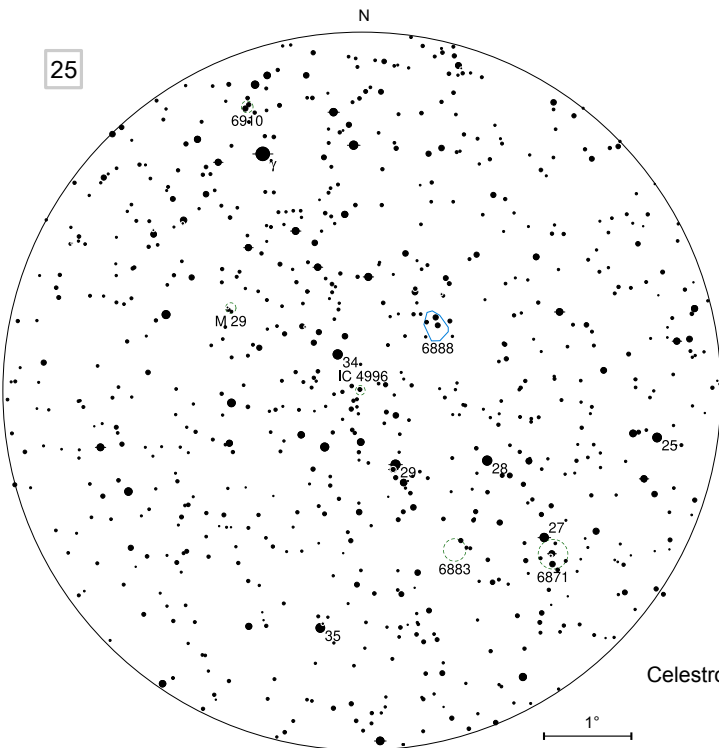
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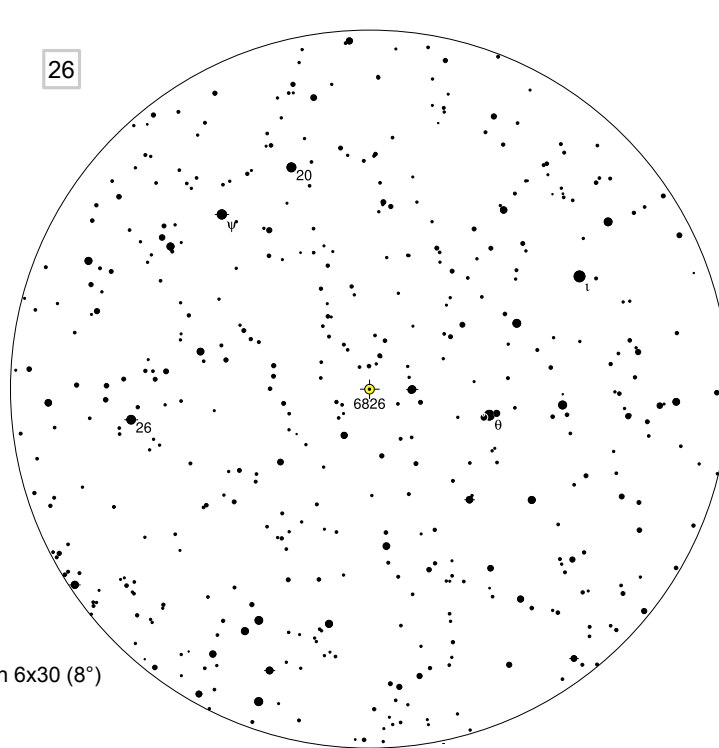
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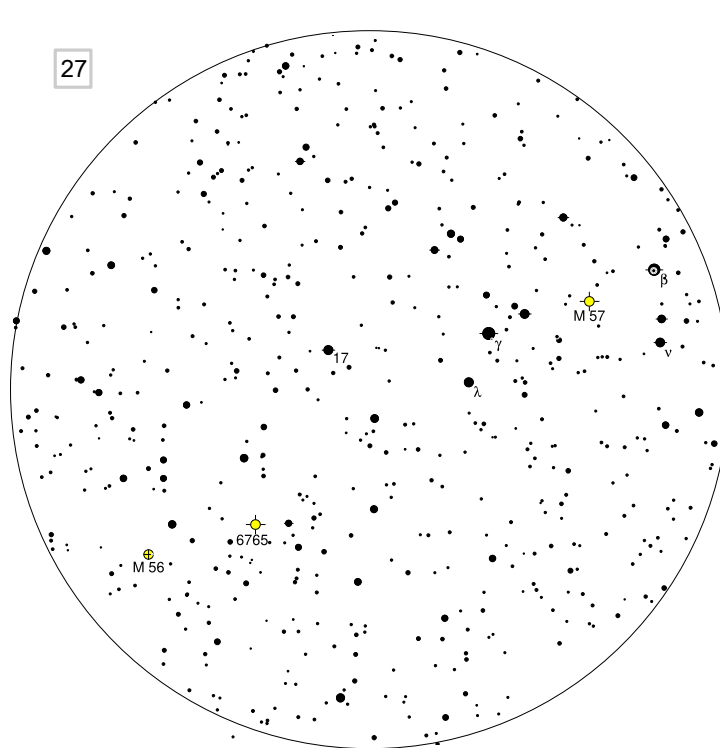
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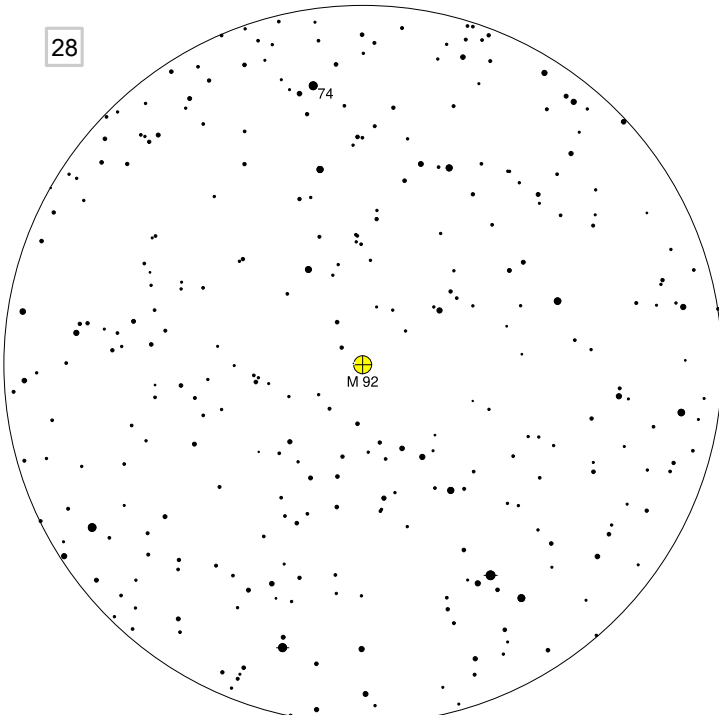


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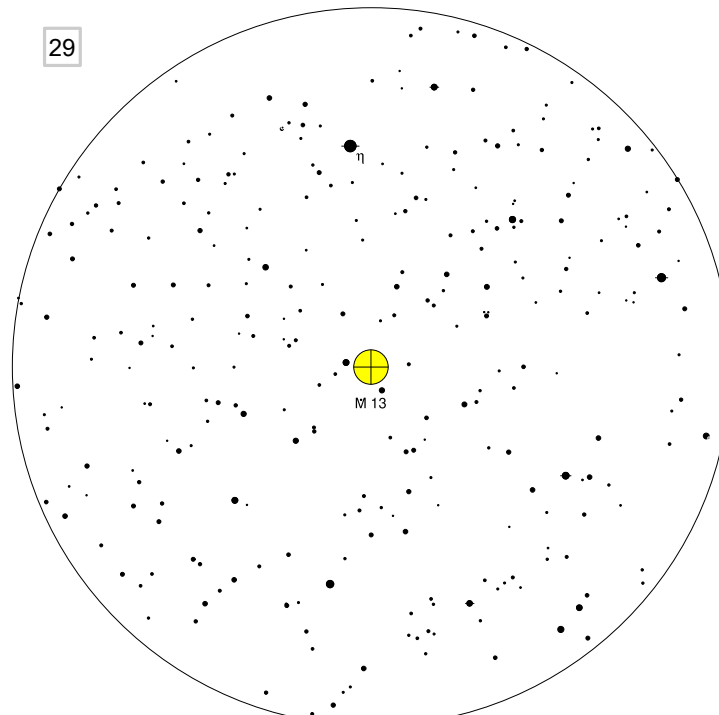


Celestron 6x30 (8°)

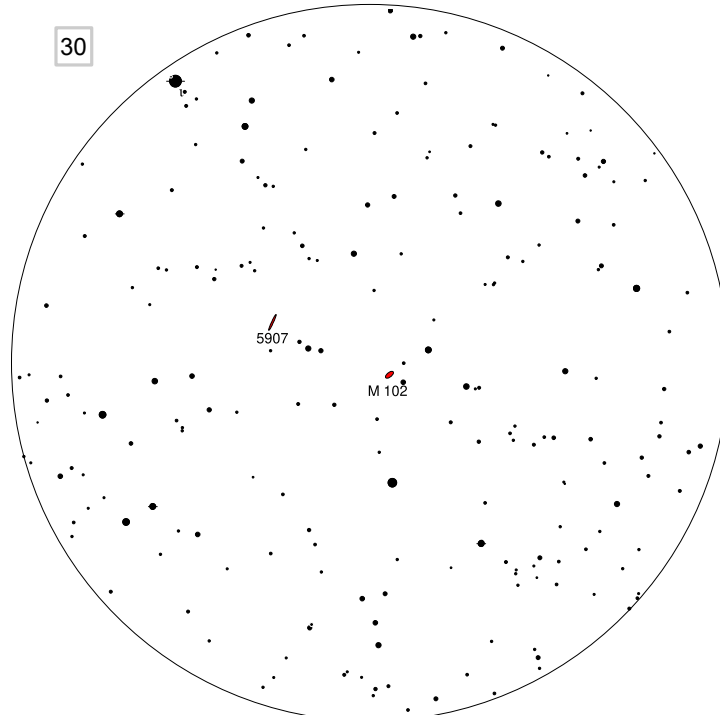
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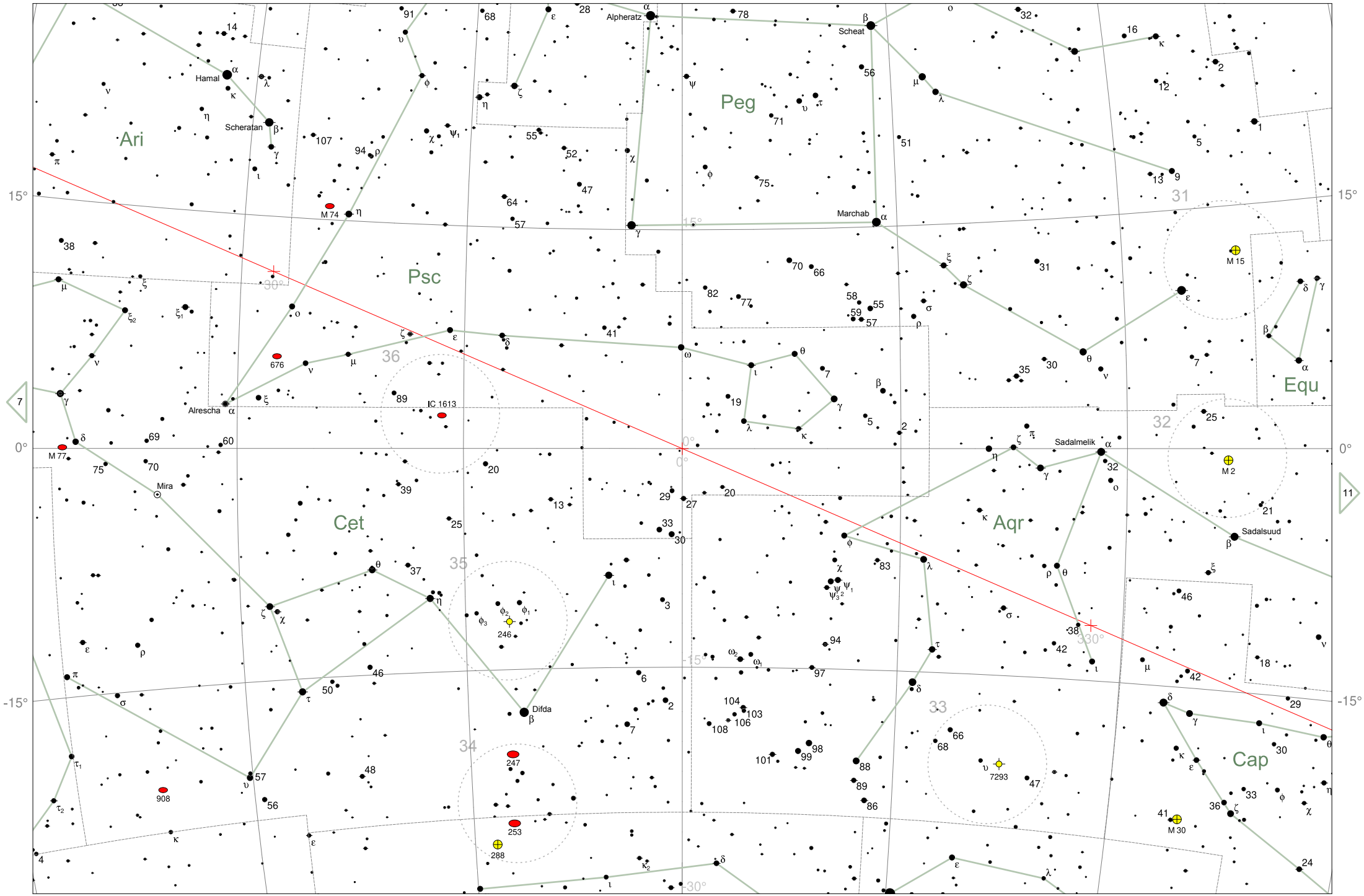
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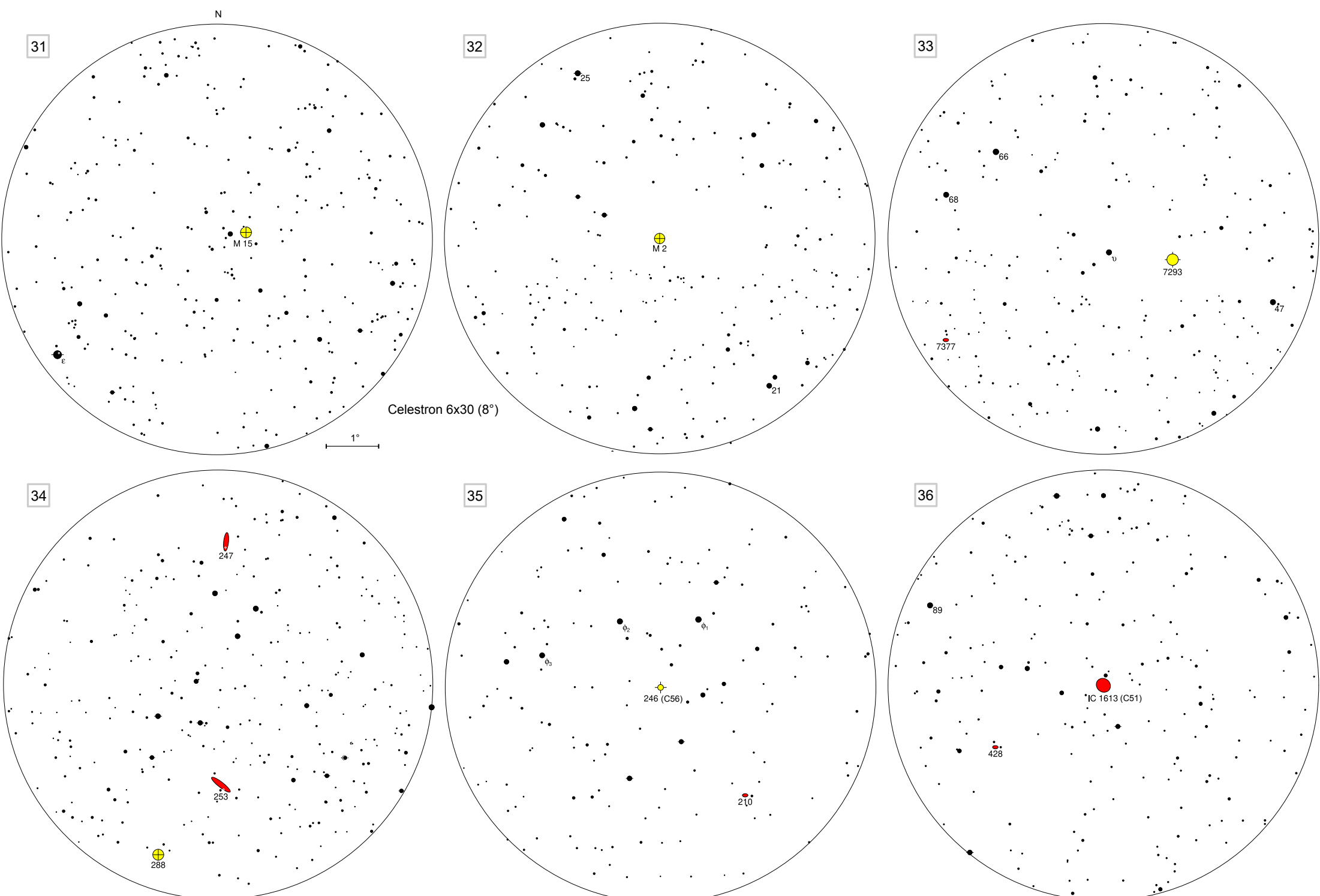


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Stars ● 0 ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● >9.5 ● ● + Multiple stars ● Galaxy ● Nebula ● Globular cluster ● Open cluster ● Planetary nebula





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Celestron 6x30 (8°)

1°

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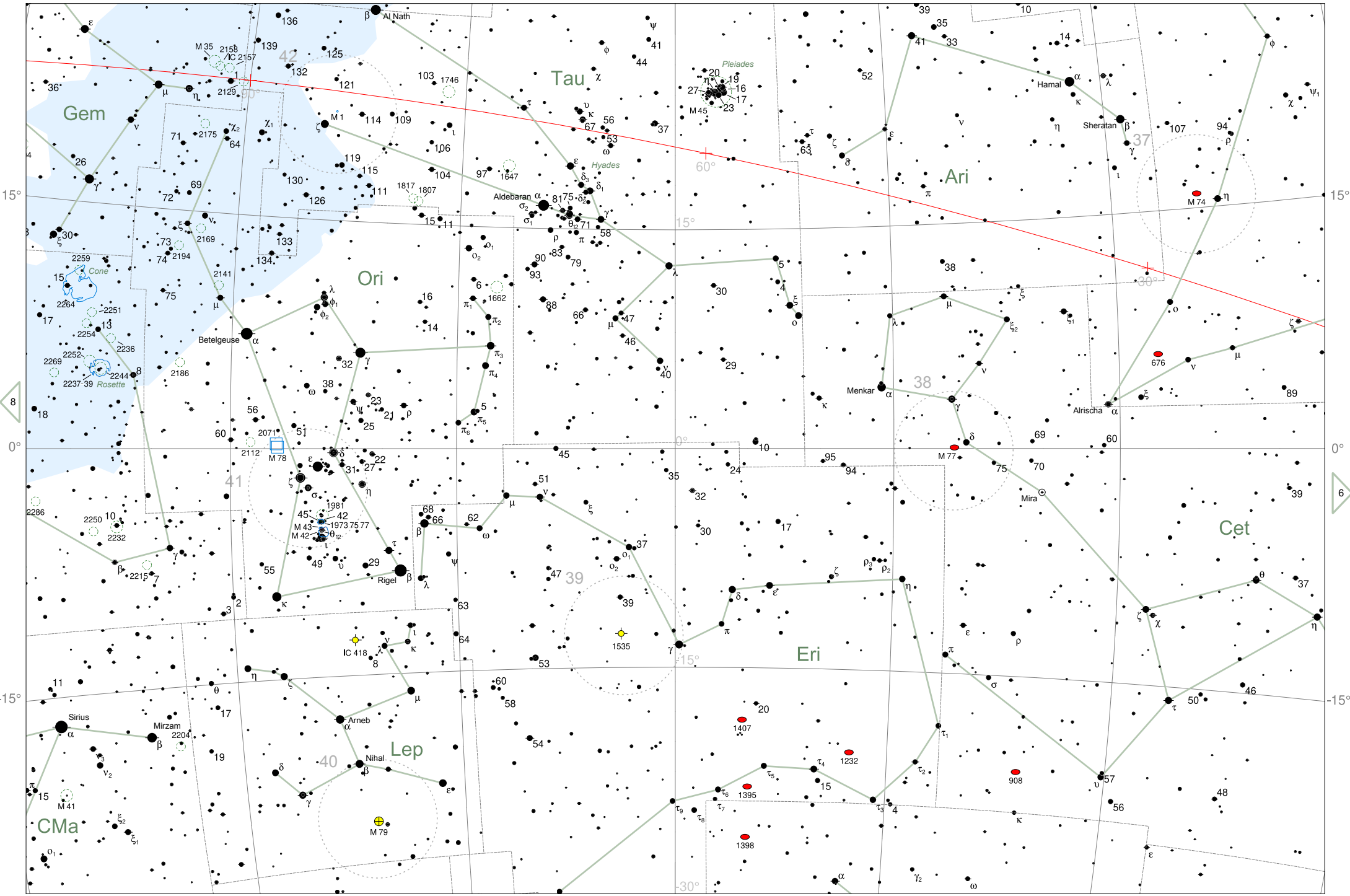
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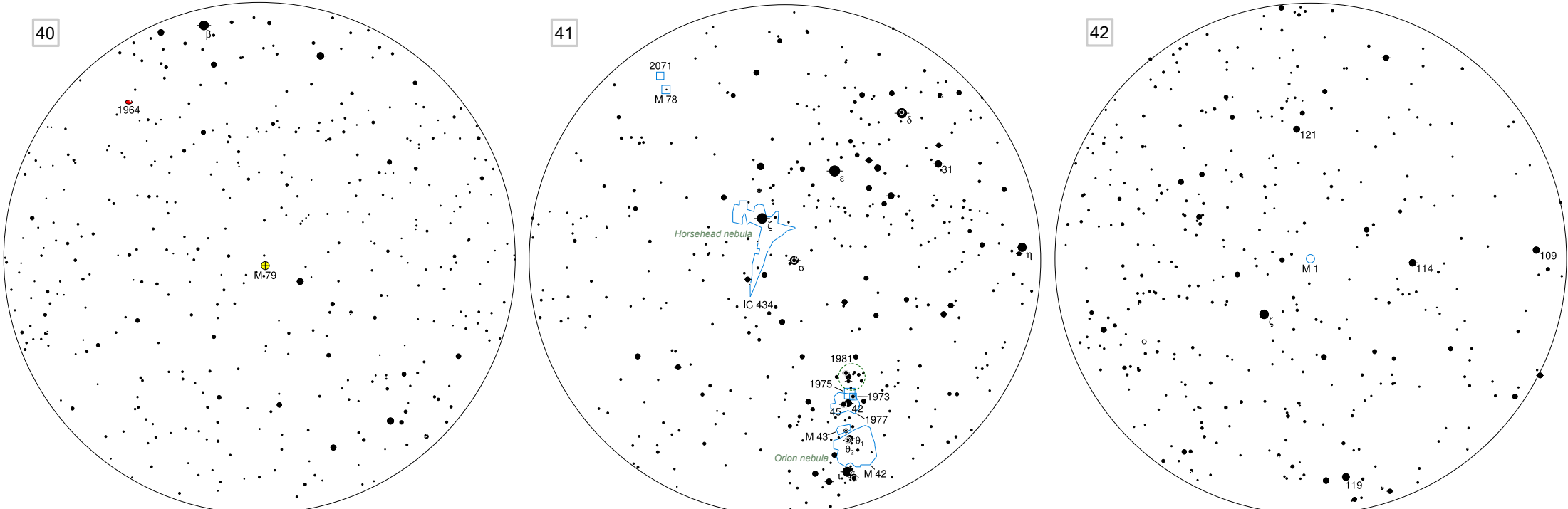
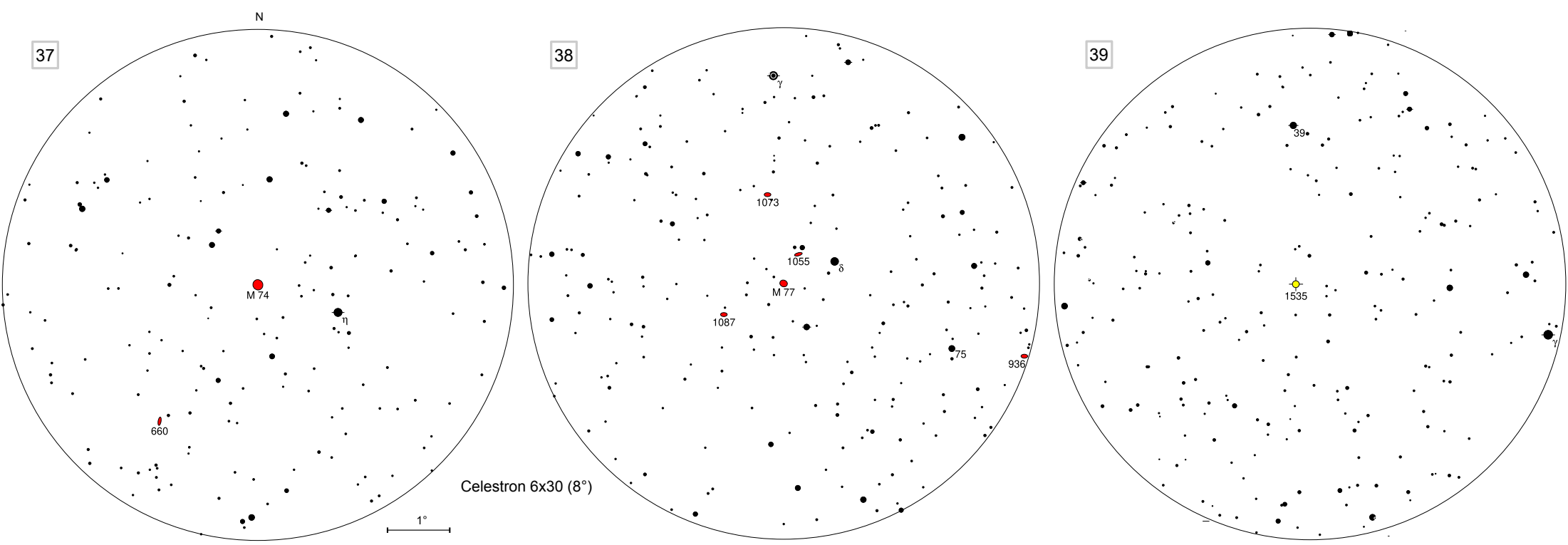
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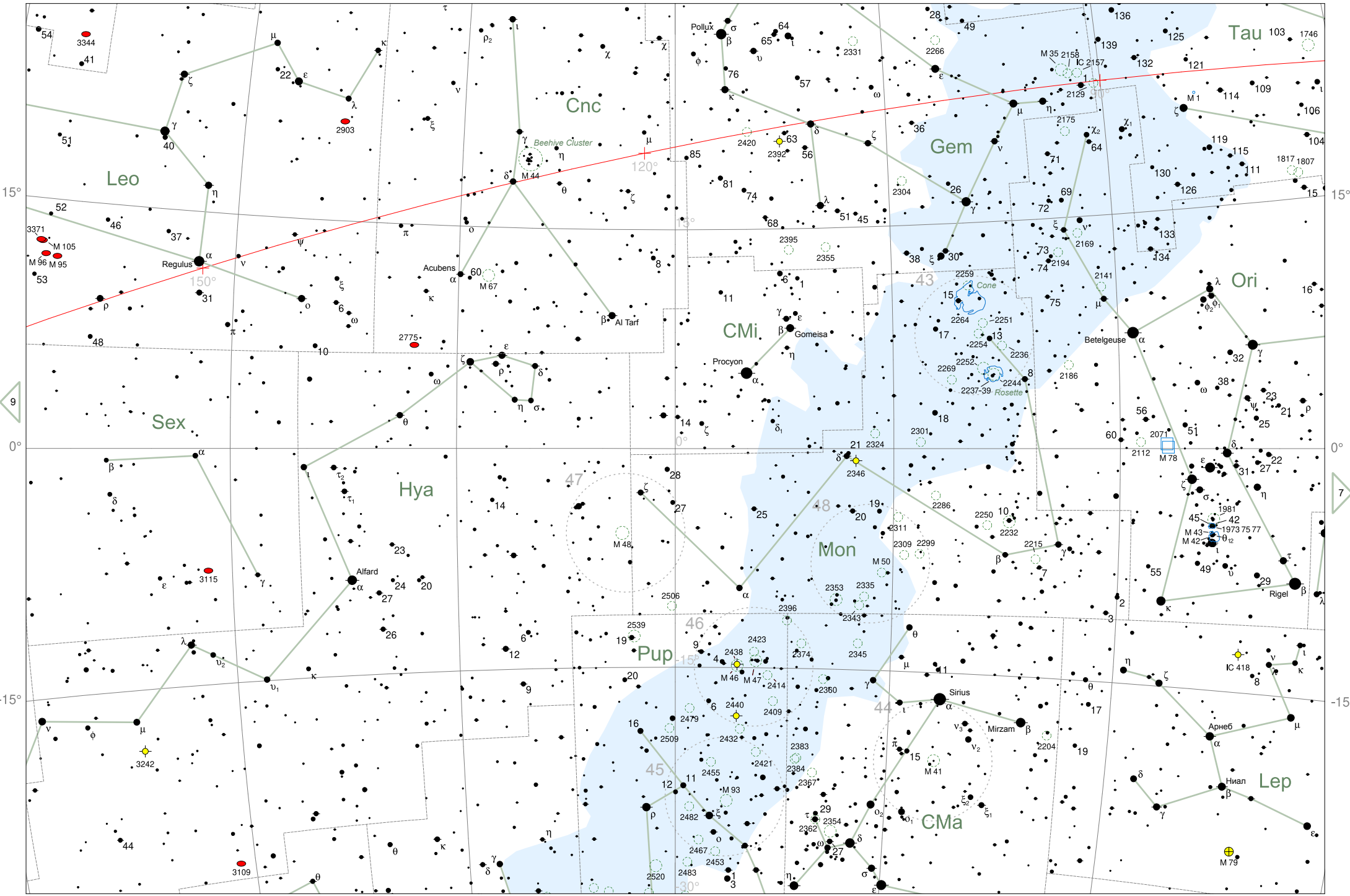
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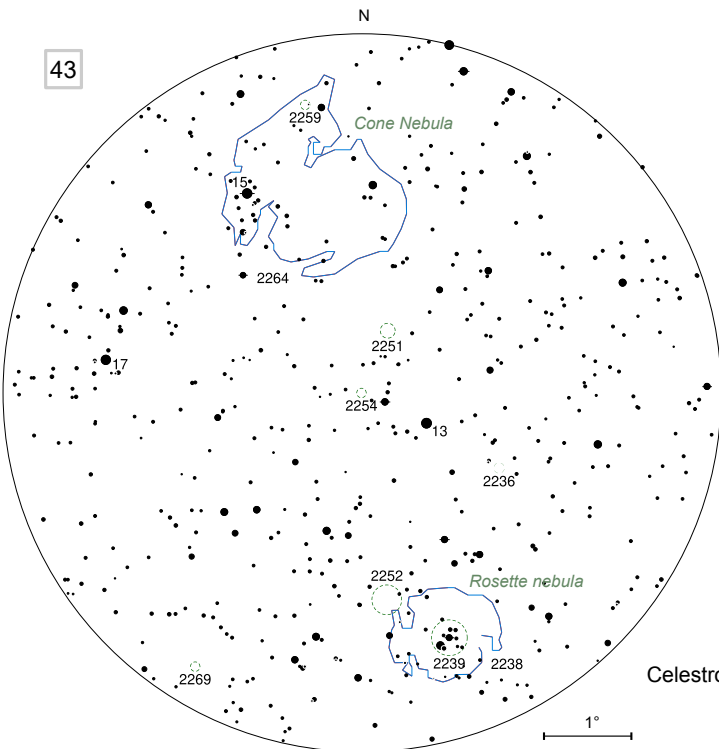




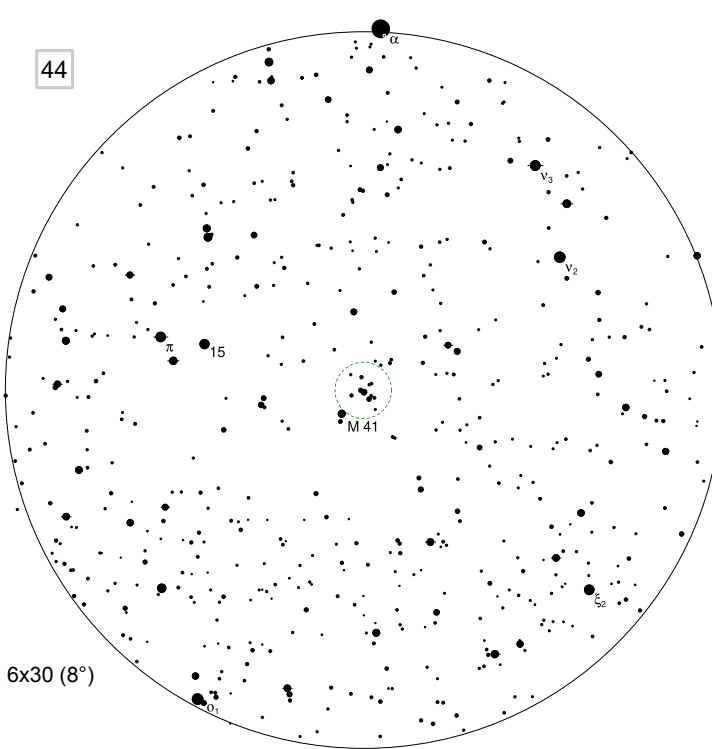
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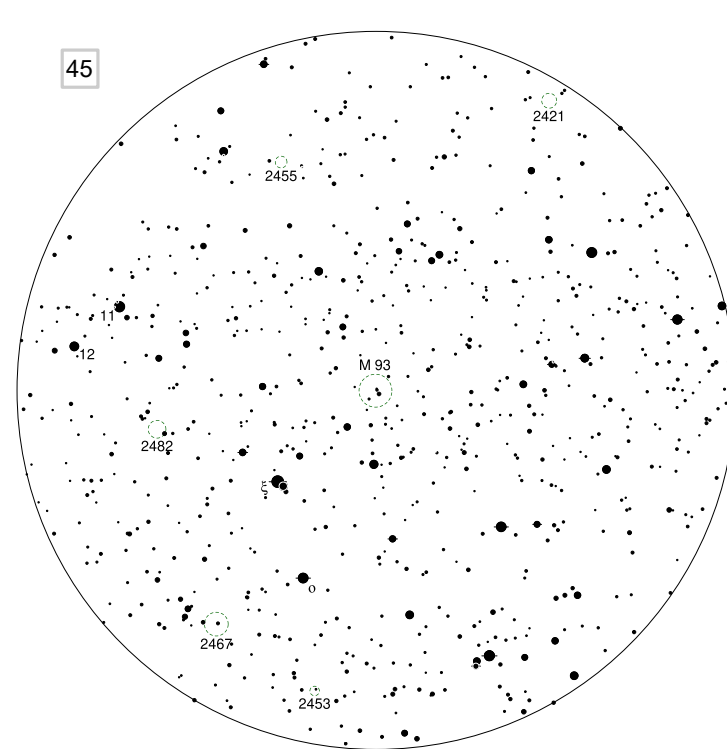
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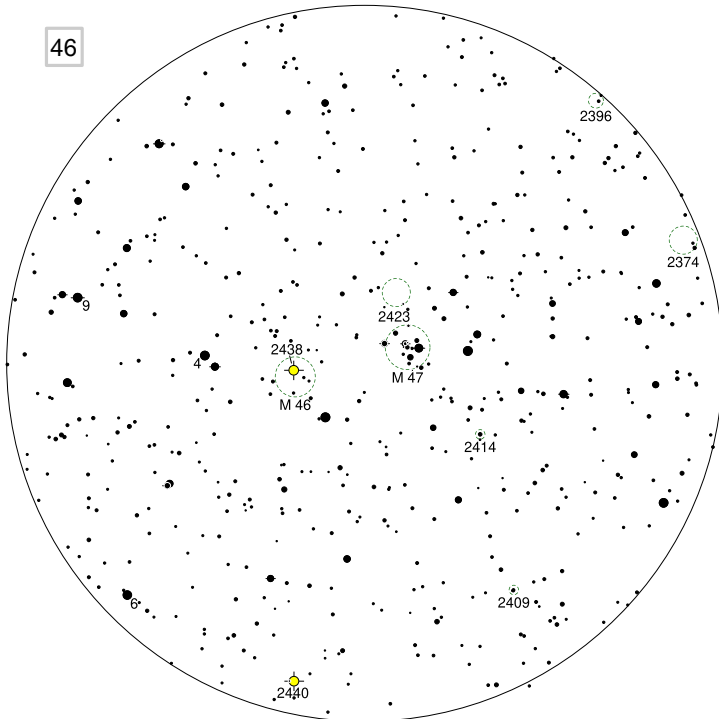
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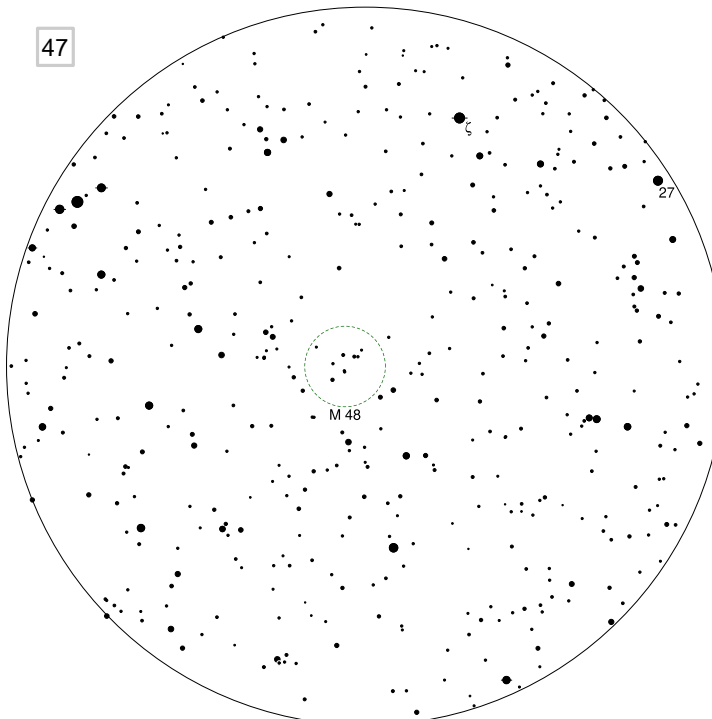
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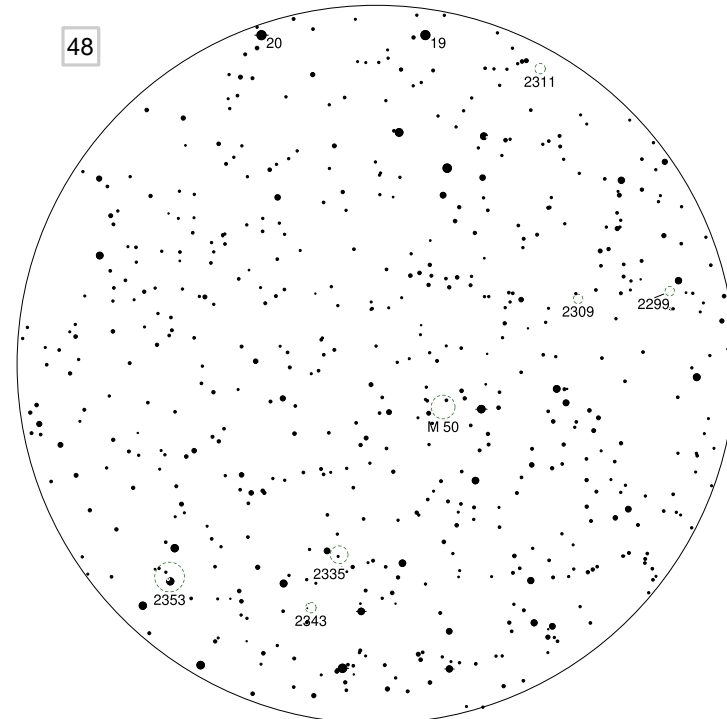
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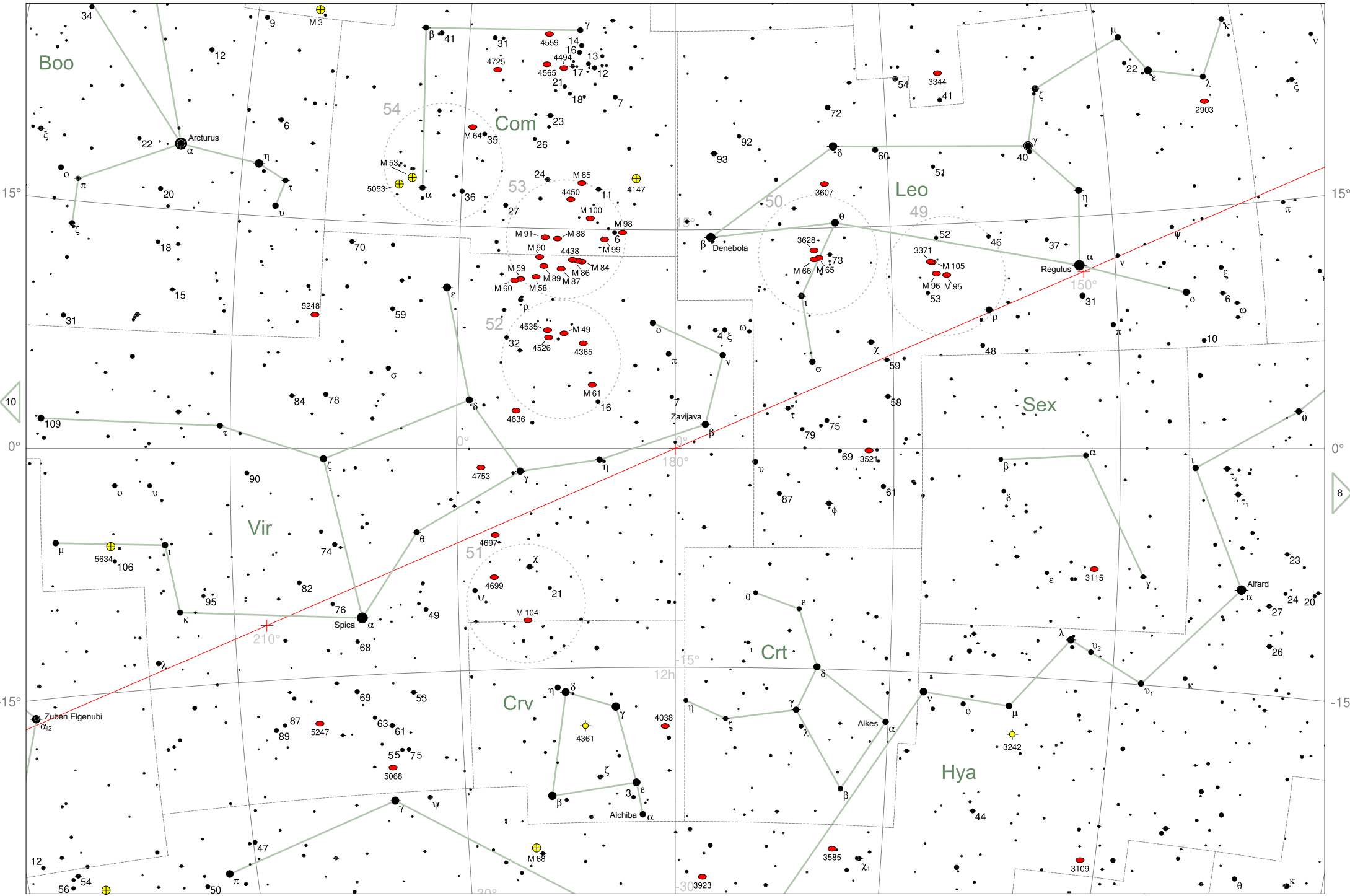


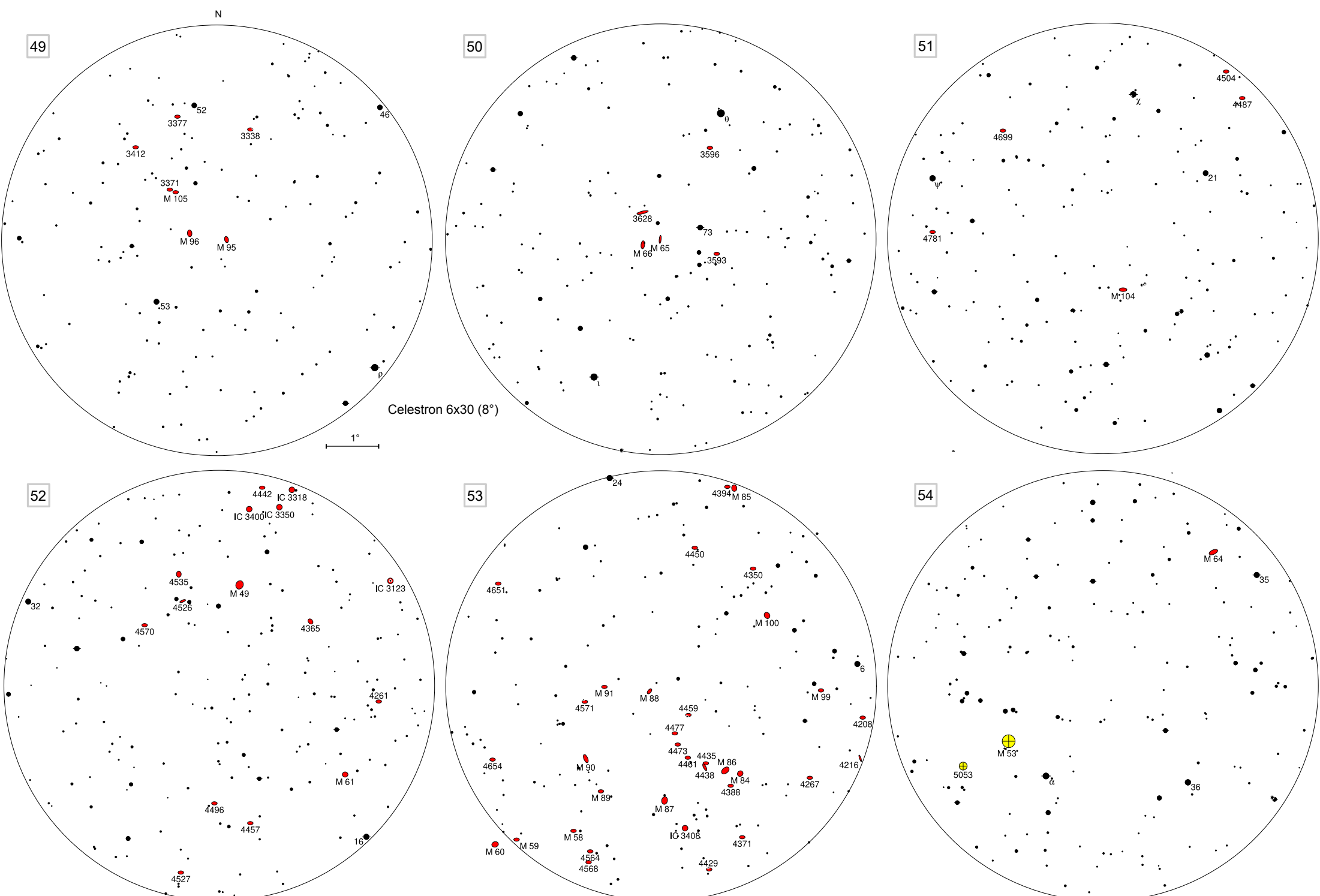
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Celestron 6x30 (8°)

Stars ● 0 ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● >9.5 ● ● ● Multiple stars ● Galaxy □ Nebula ● Globular cluster ○ Open cluster ● Planetary nebula





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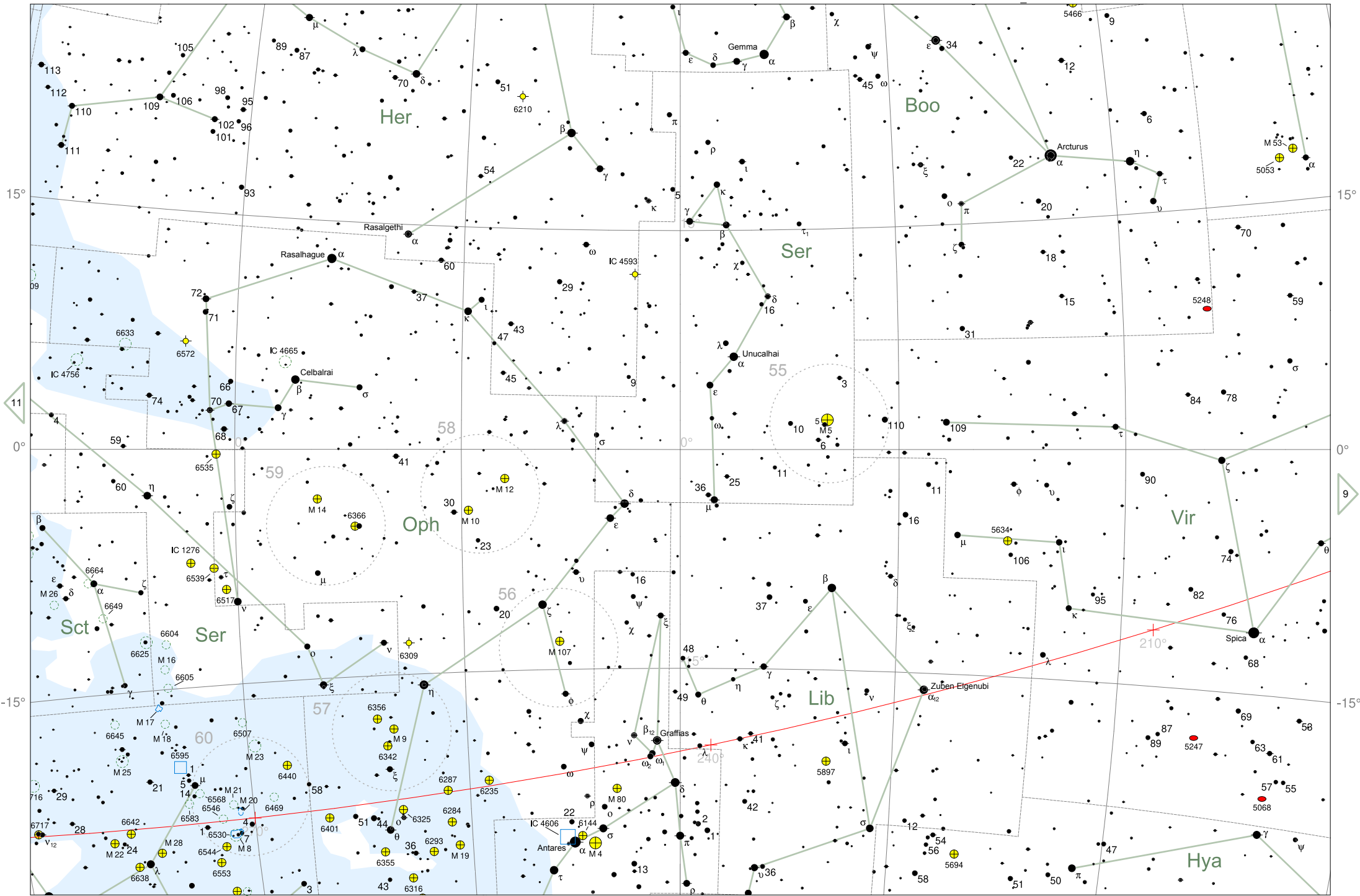
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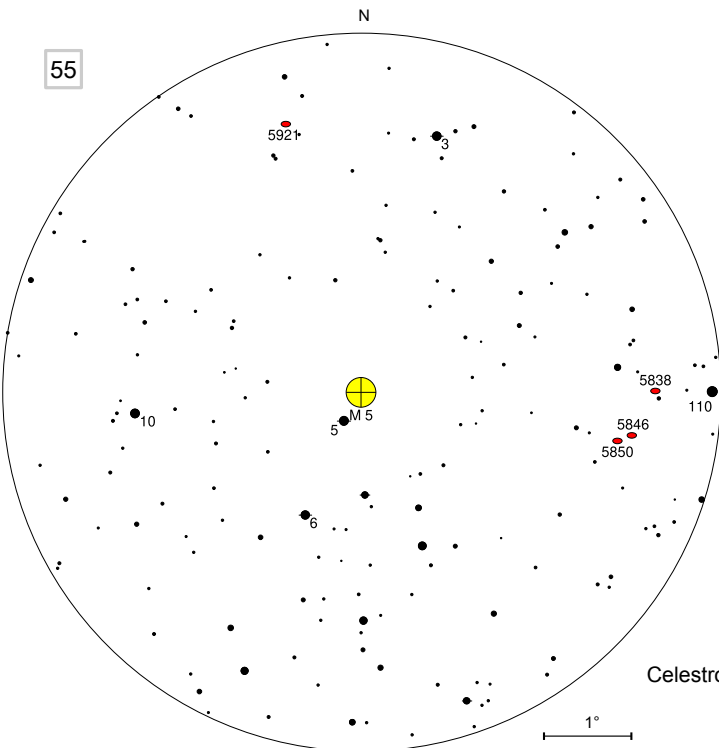
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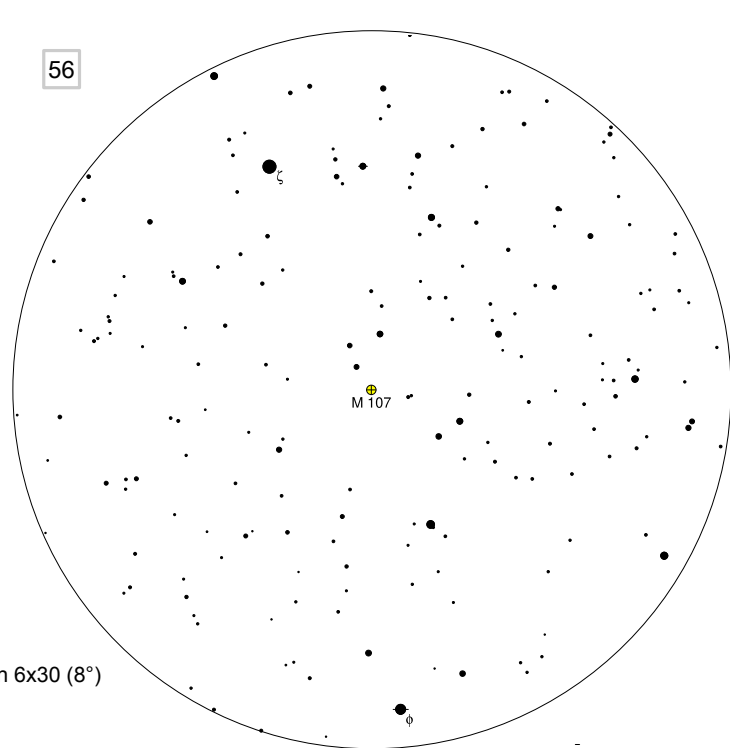


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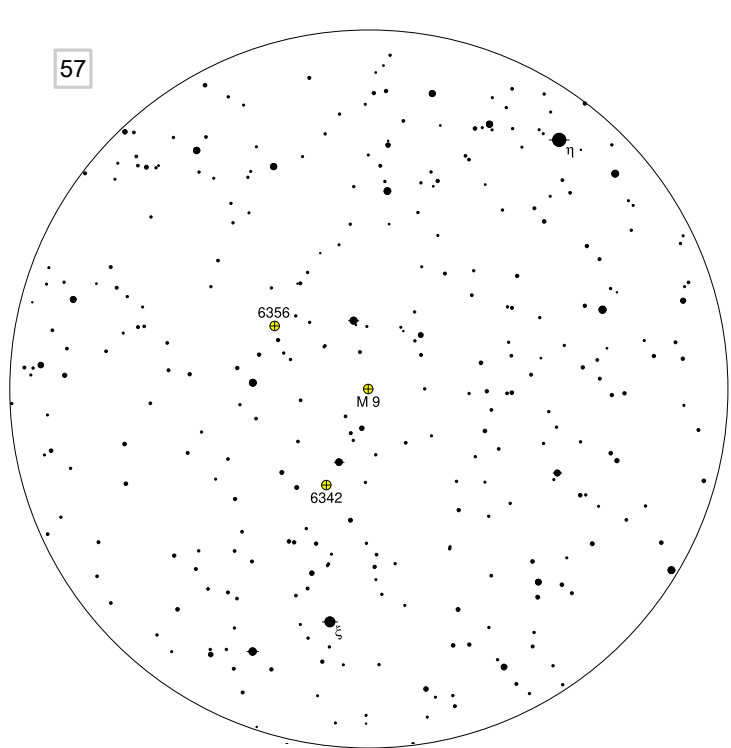
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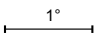
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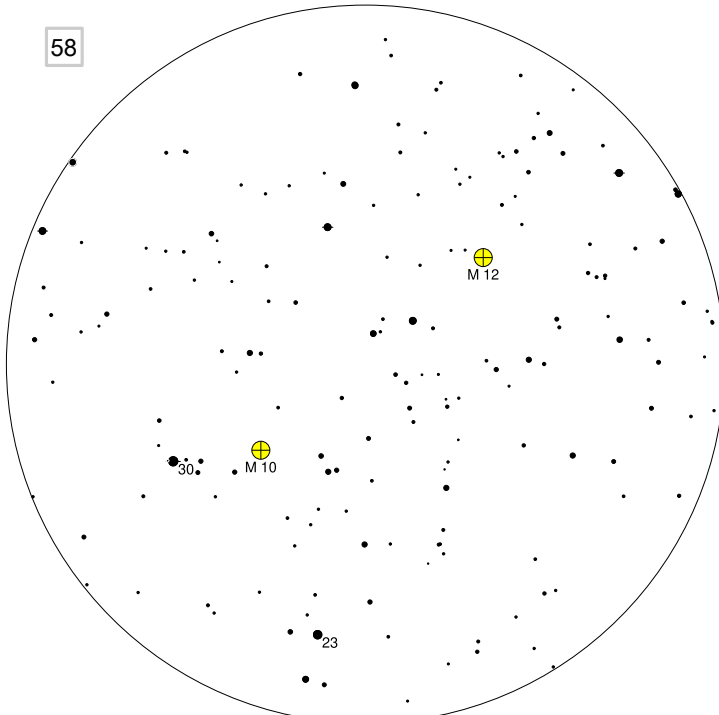
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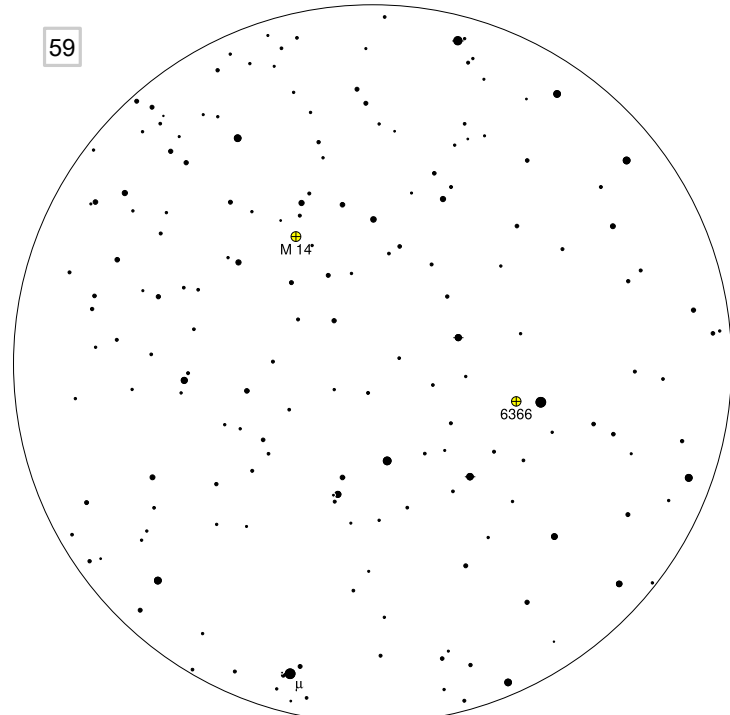
Celestron 6x30 (8°)



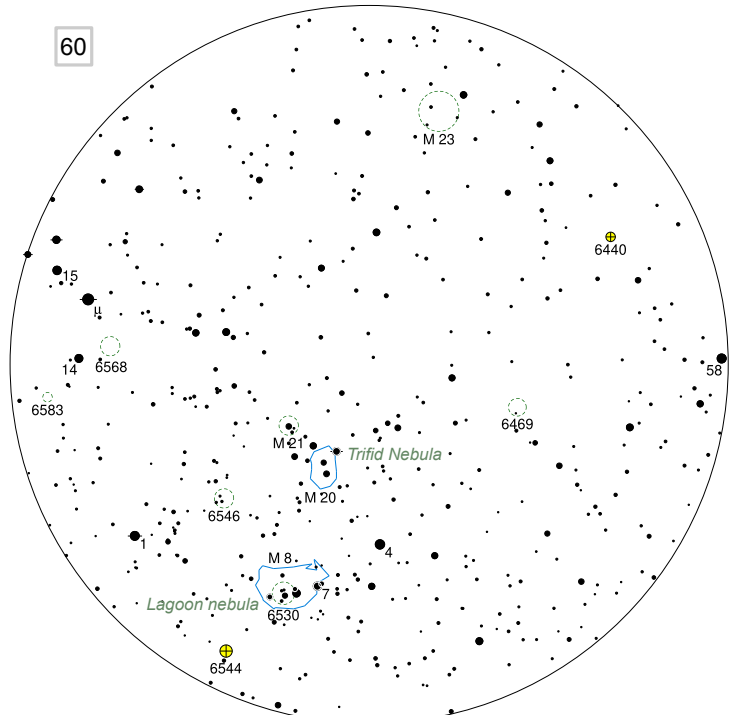
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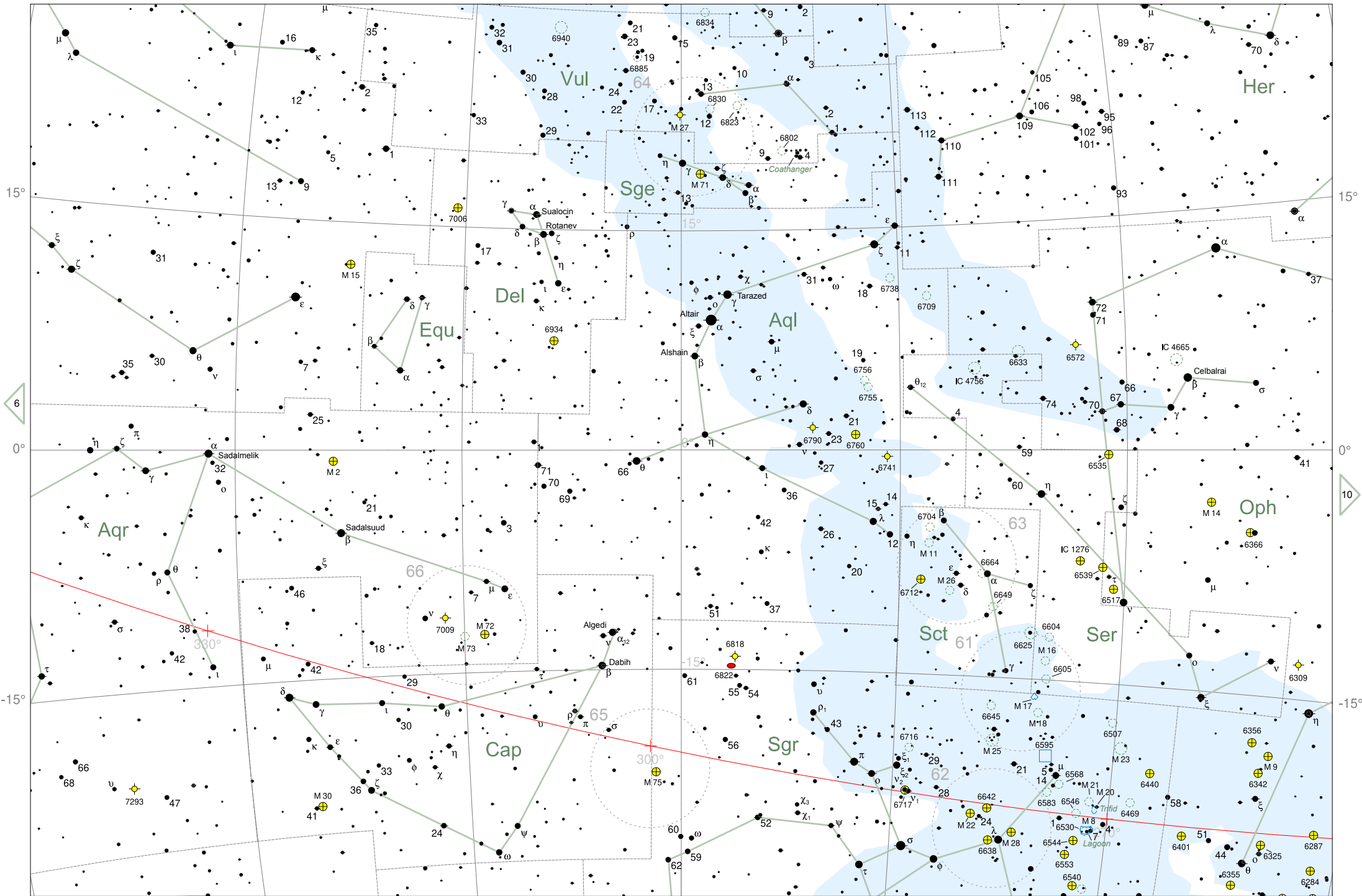
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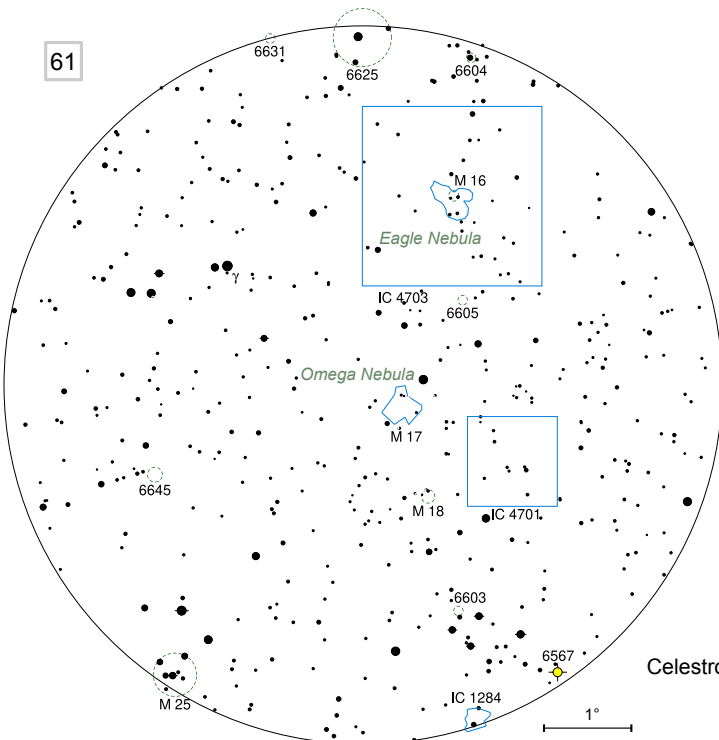
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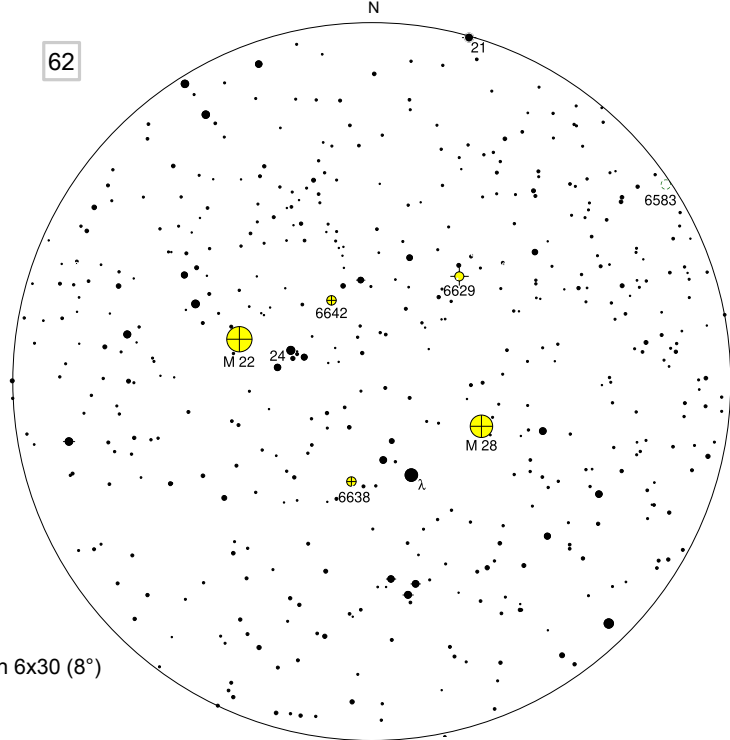
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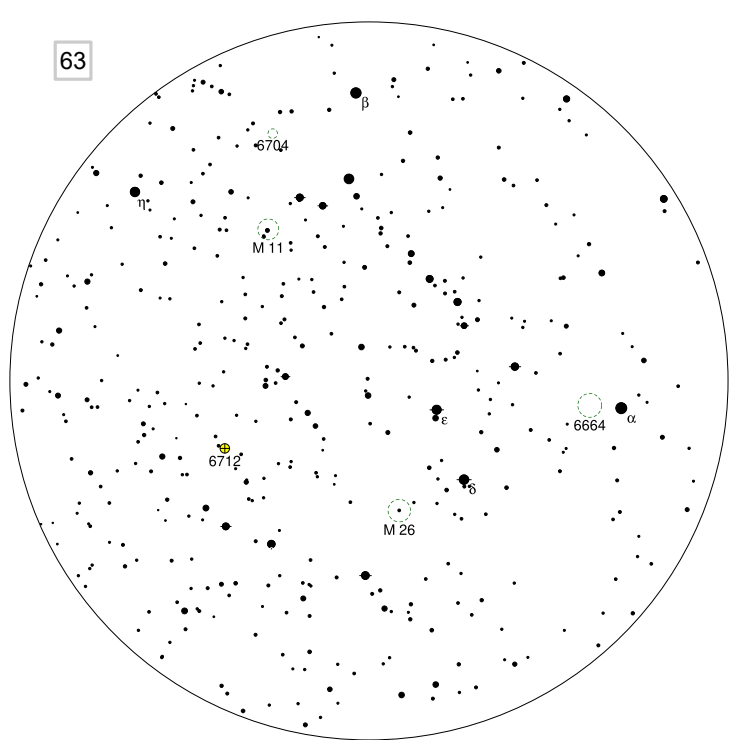
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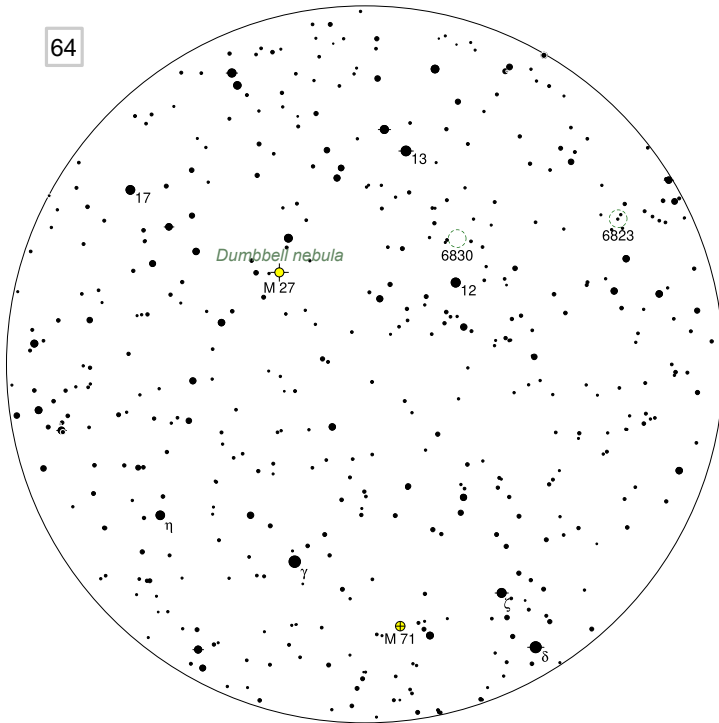
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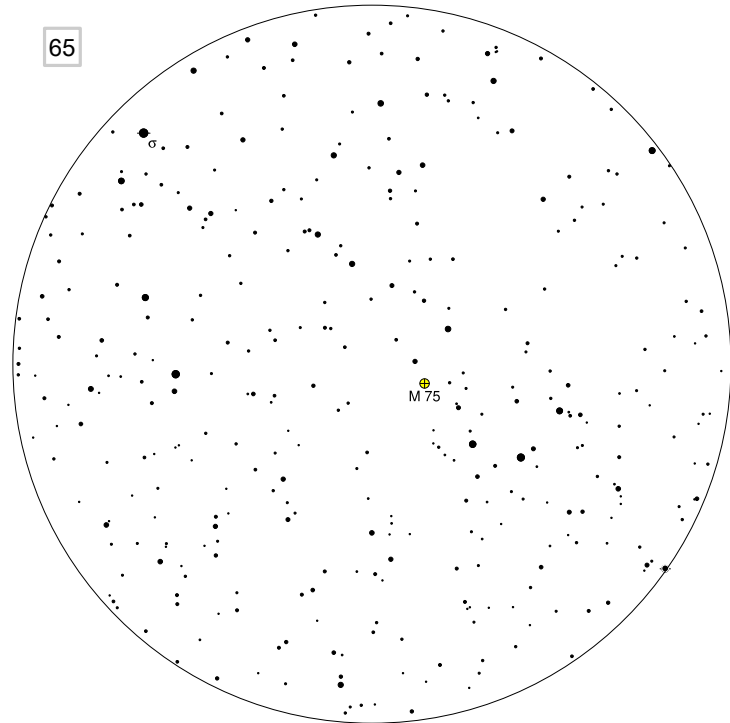
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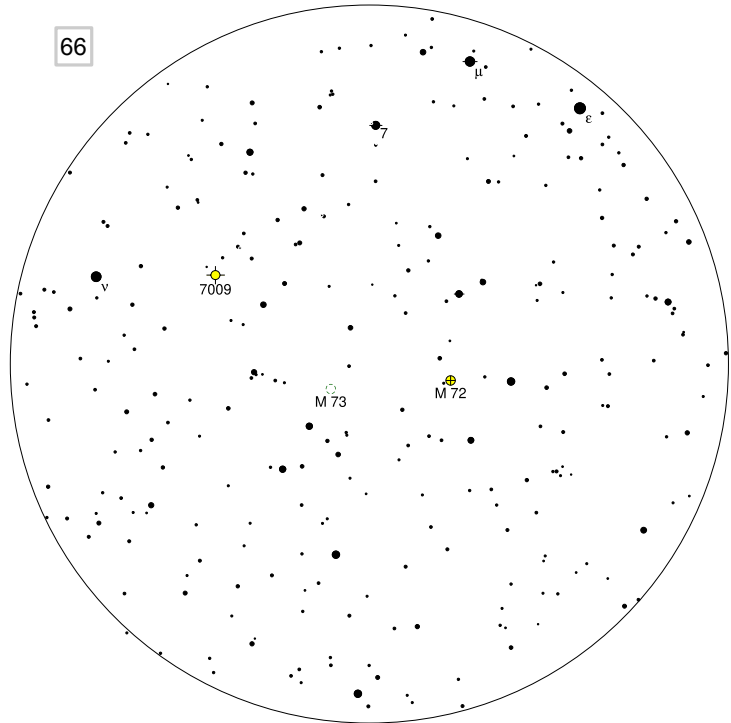
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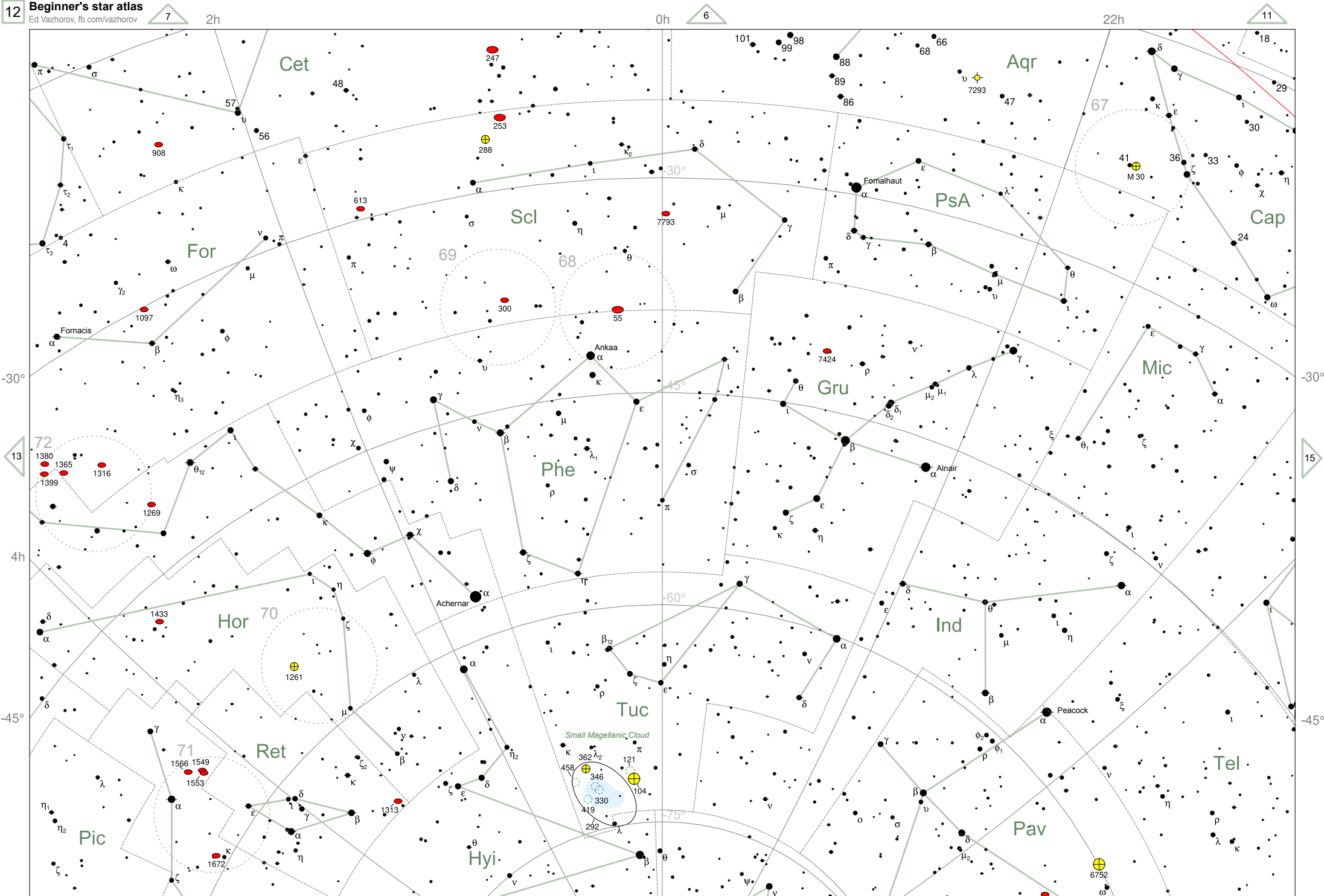
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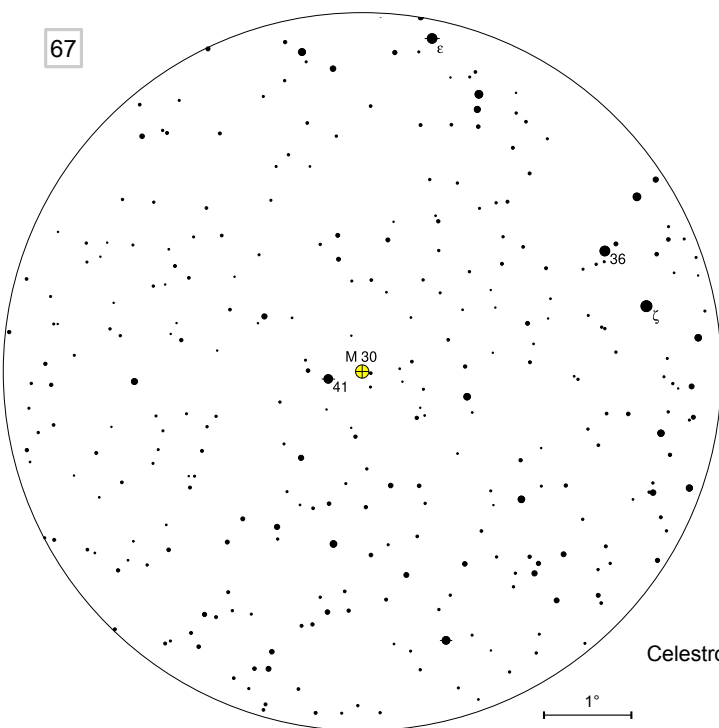


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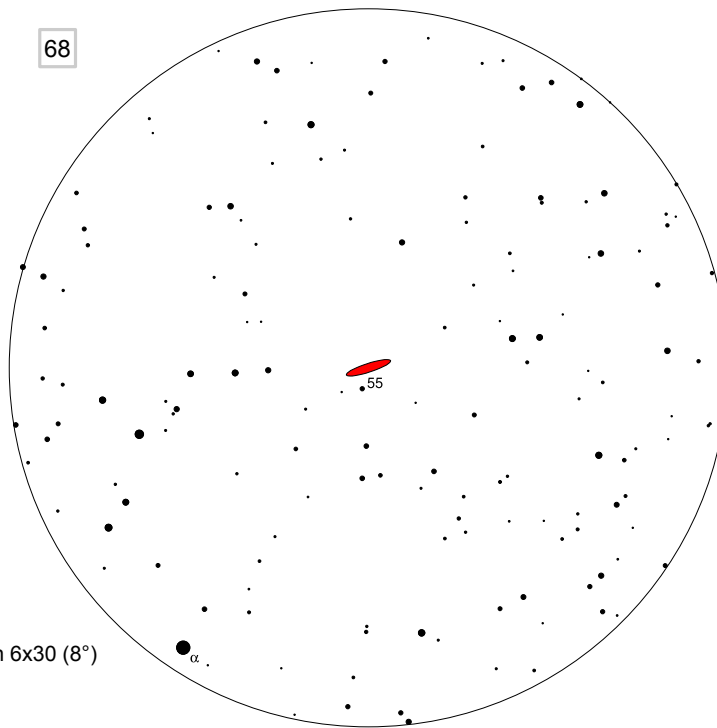


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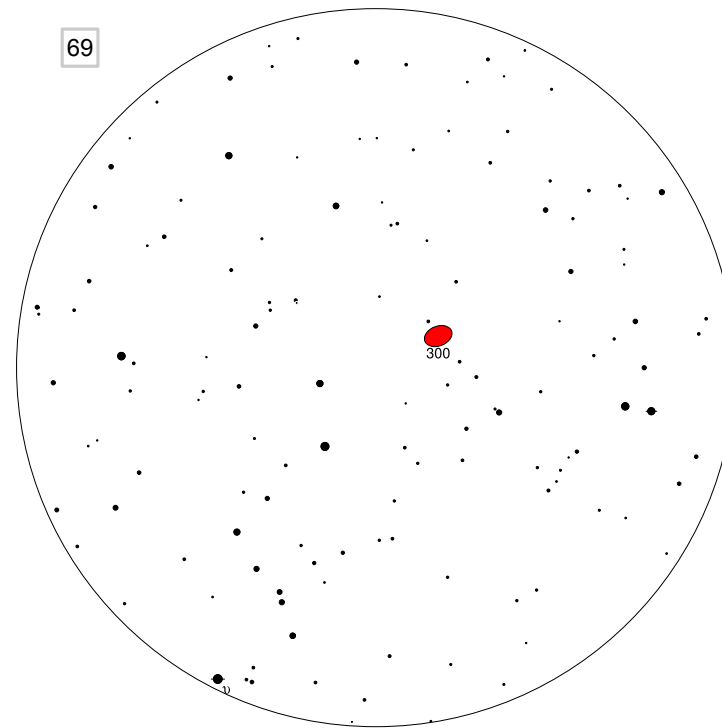


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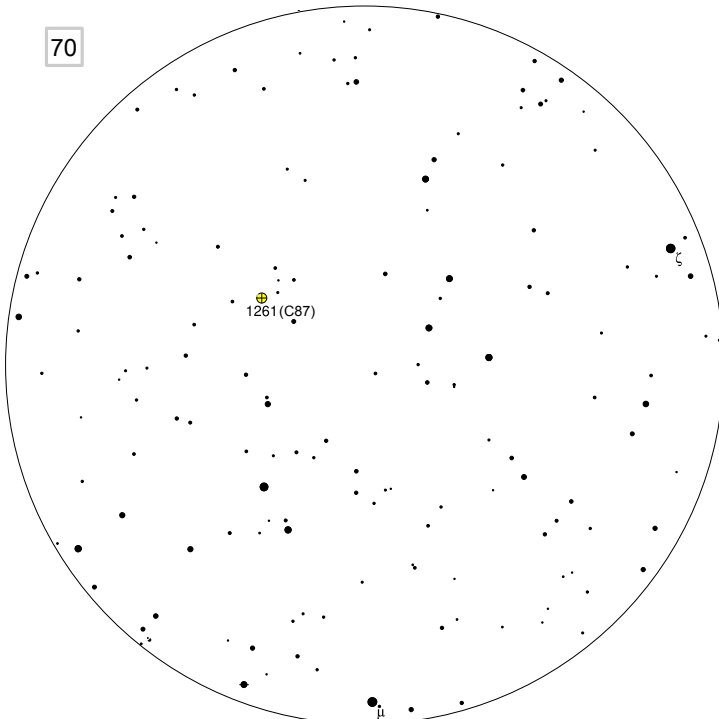


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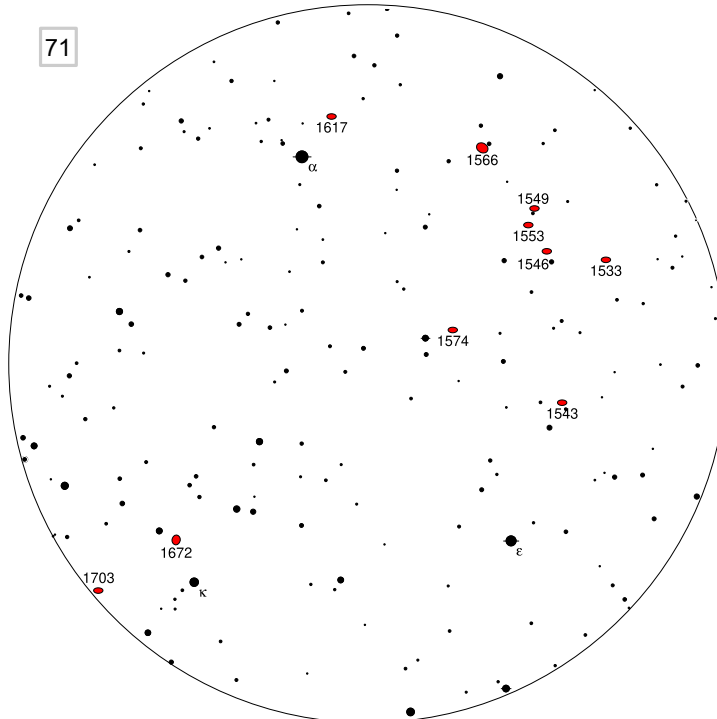
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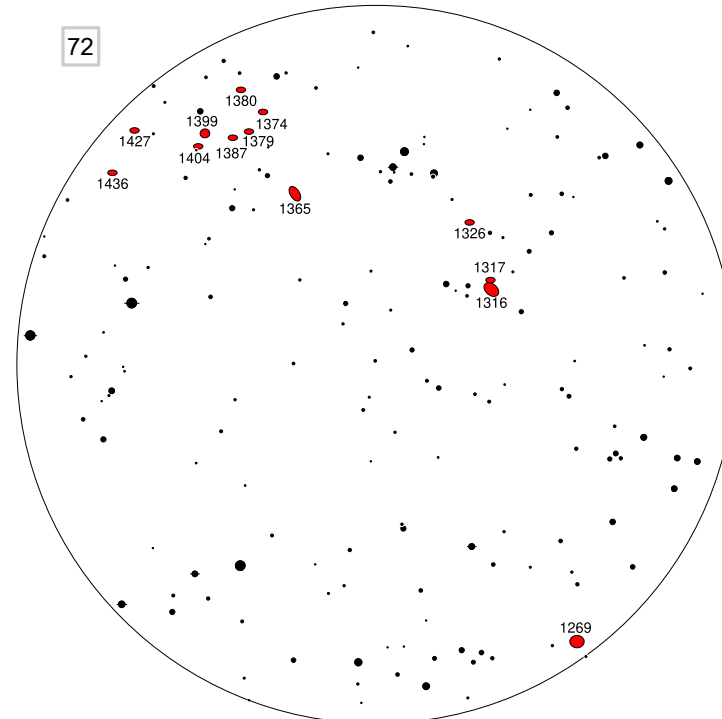
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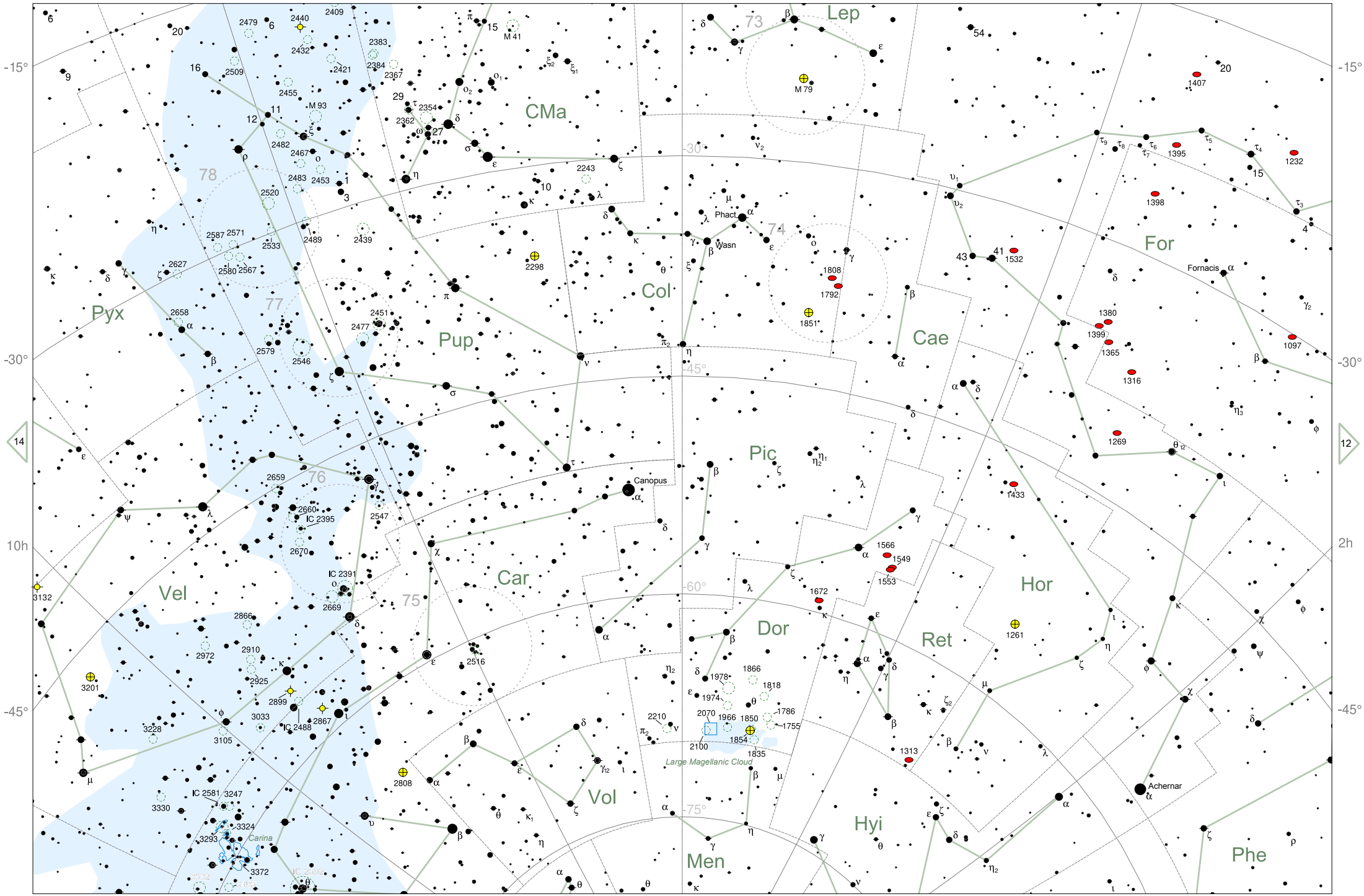
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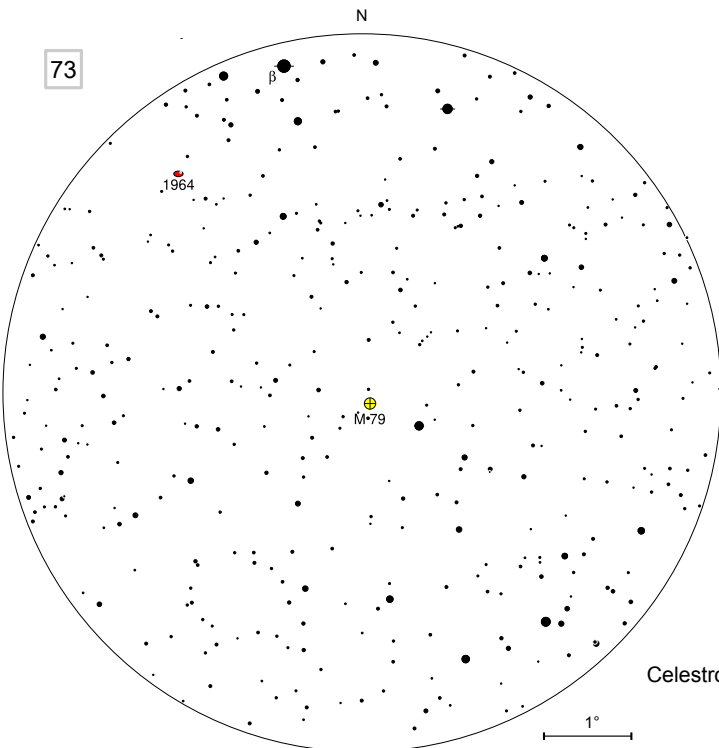
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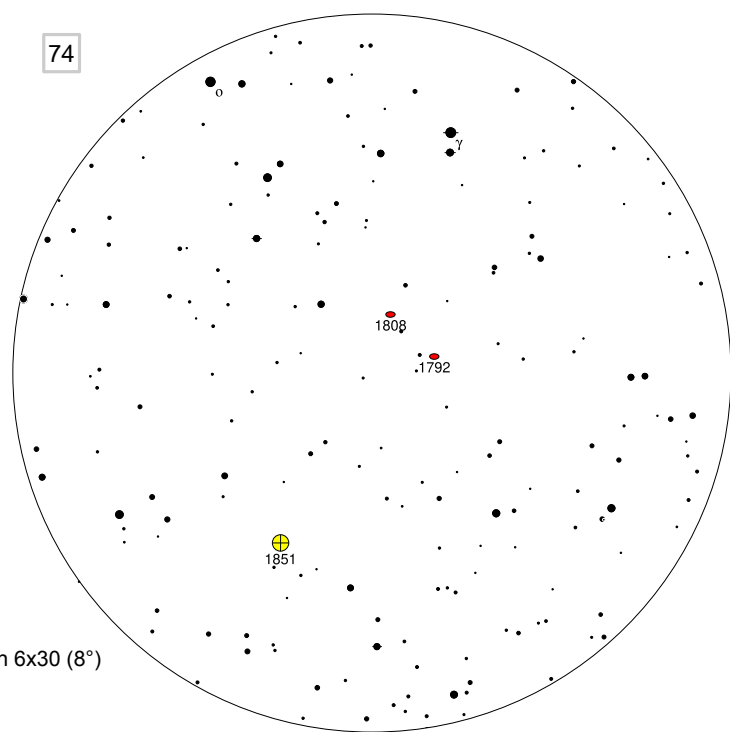
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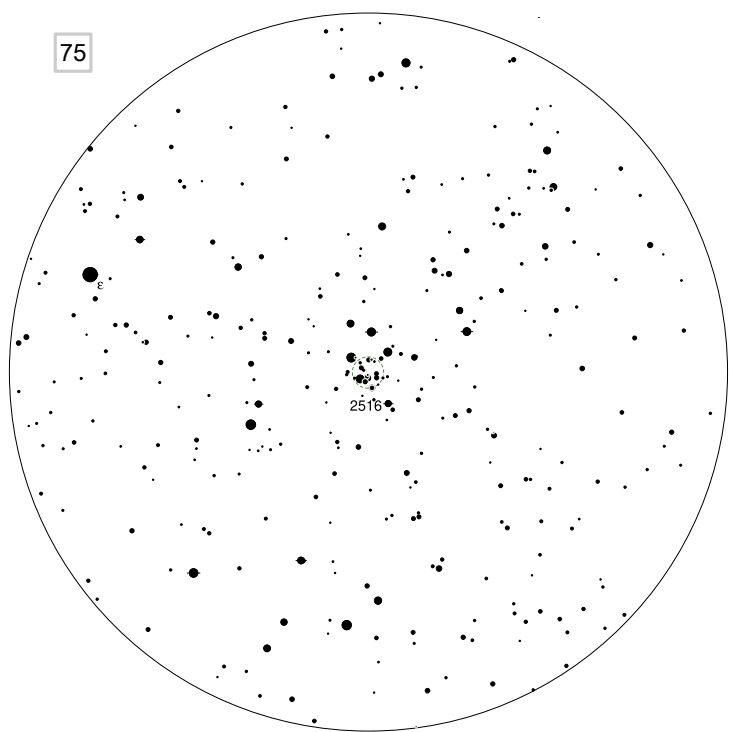
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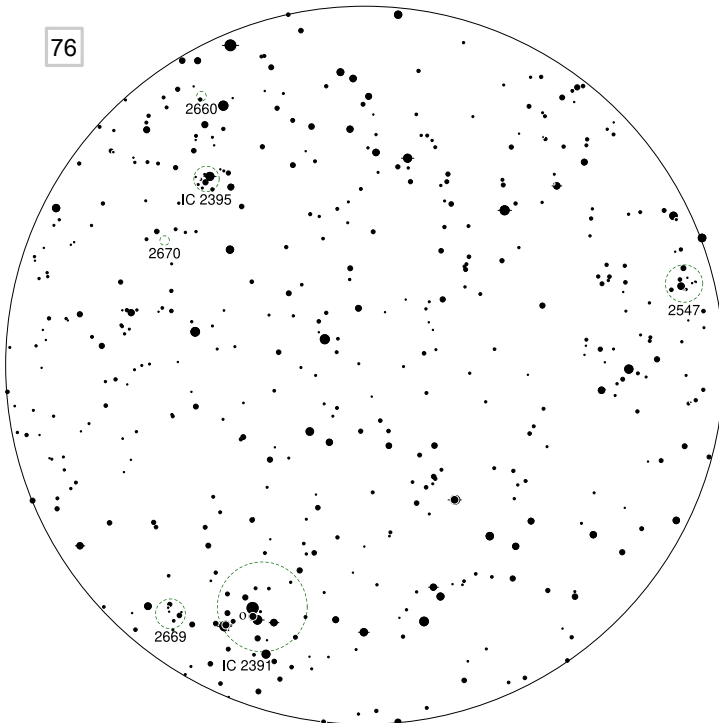


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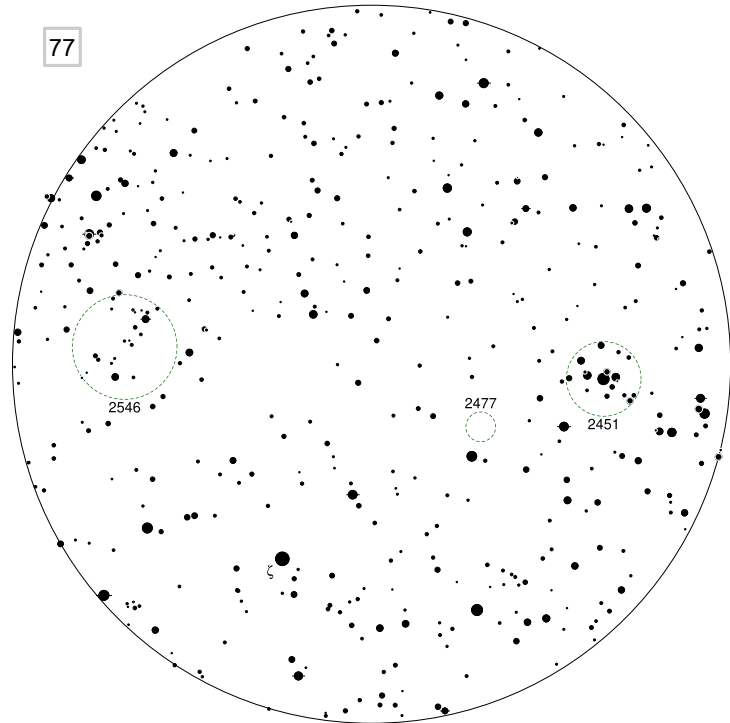


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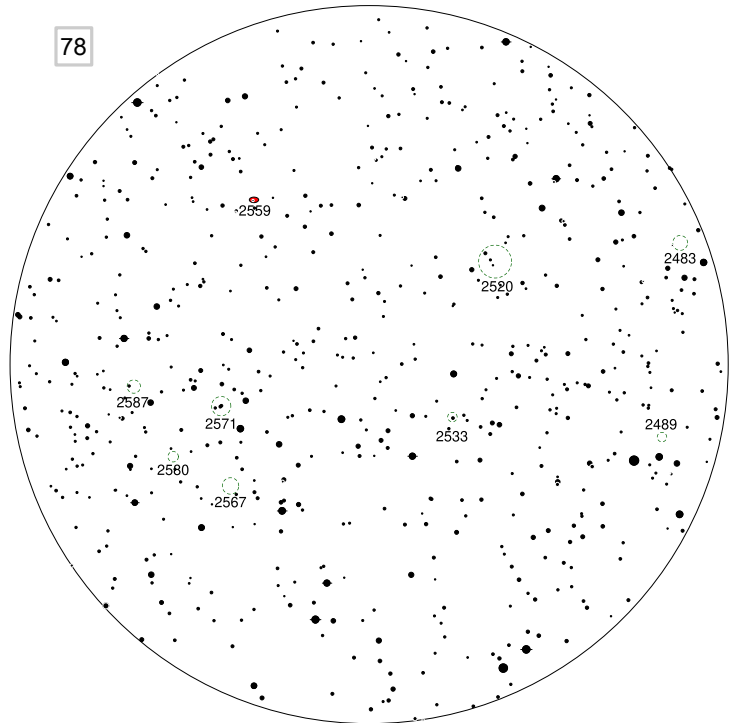
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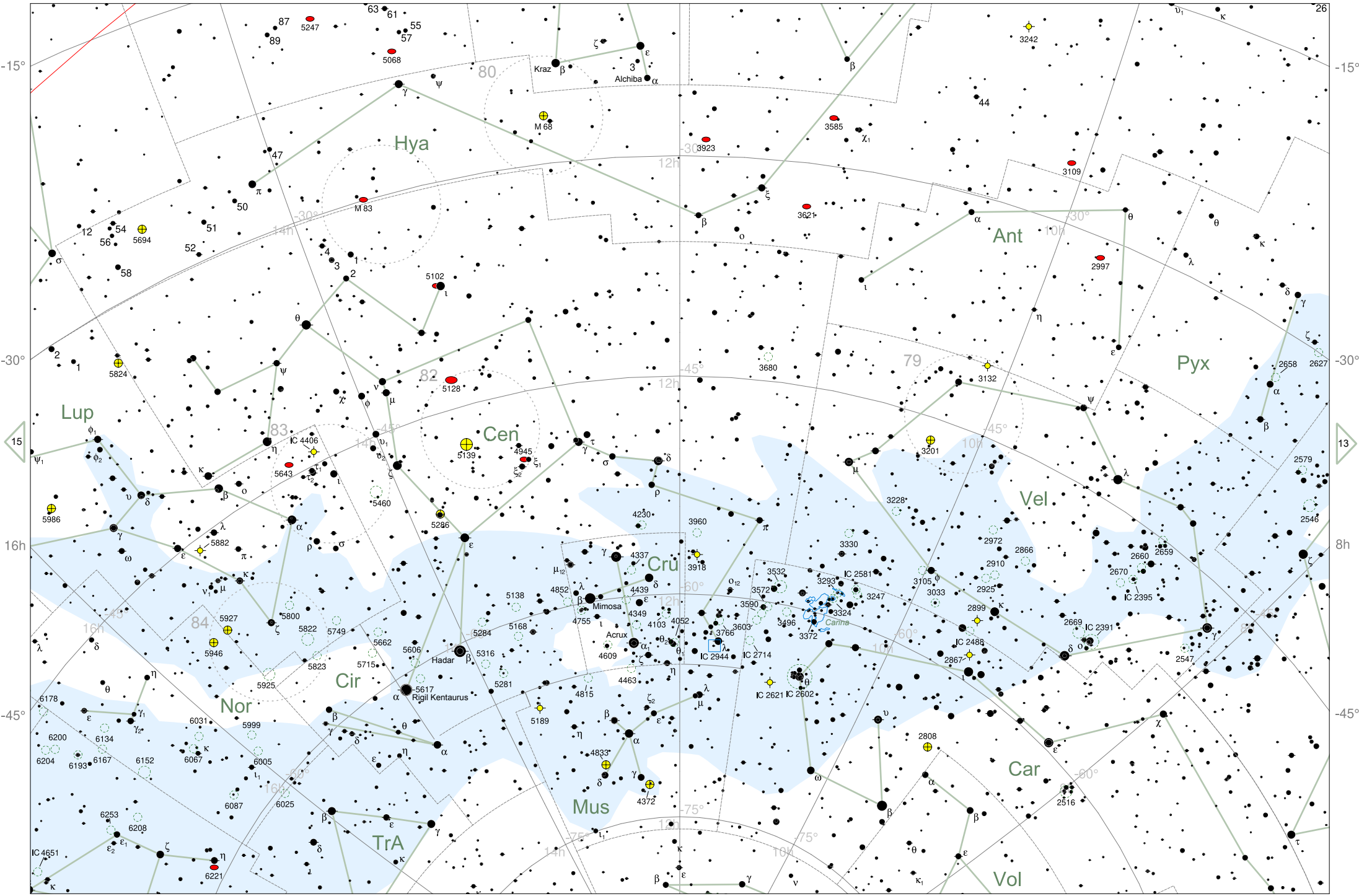
77



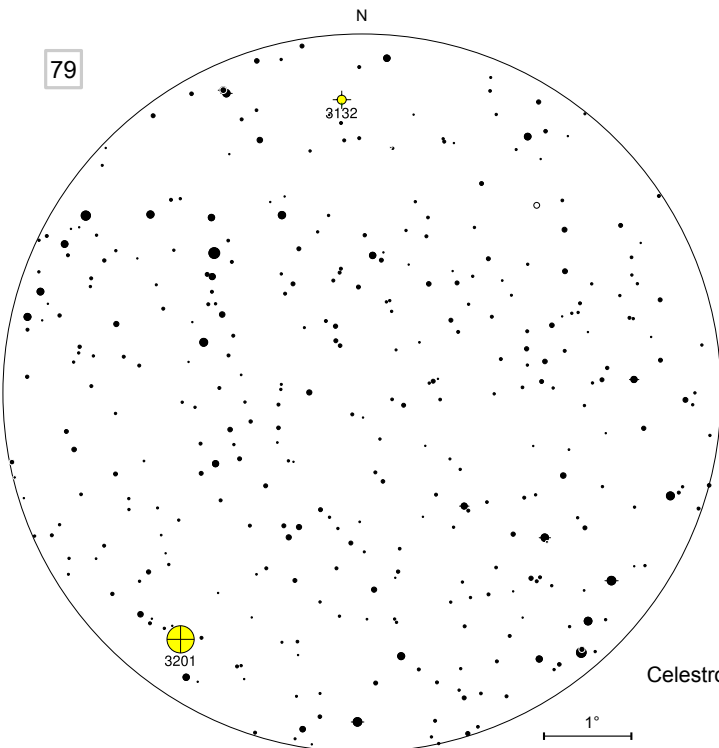
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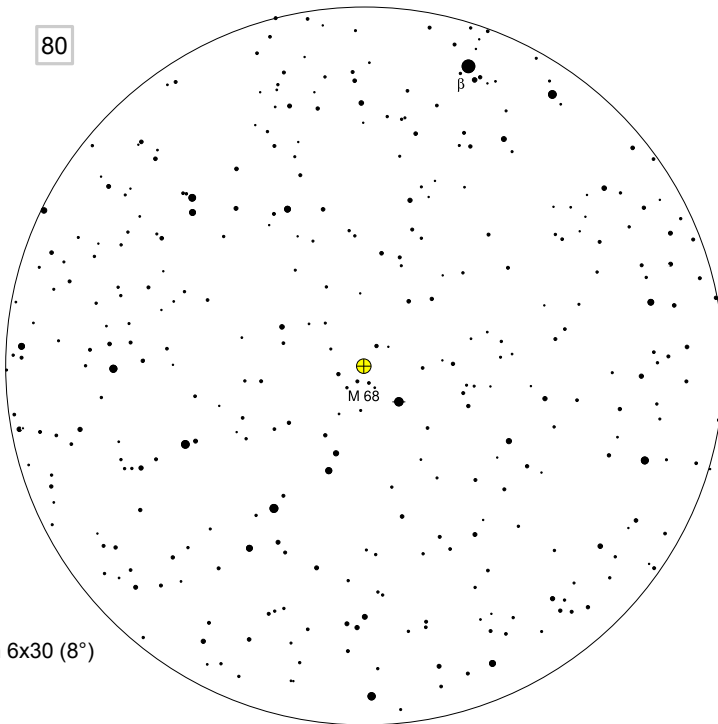
Stars ● 0 ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● >9.5 ● ● + Multiple stars ● Galaxy ● Nebula ● Globular cluster ● Open cluster ● Planetary nebula



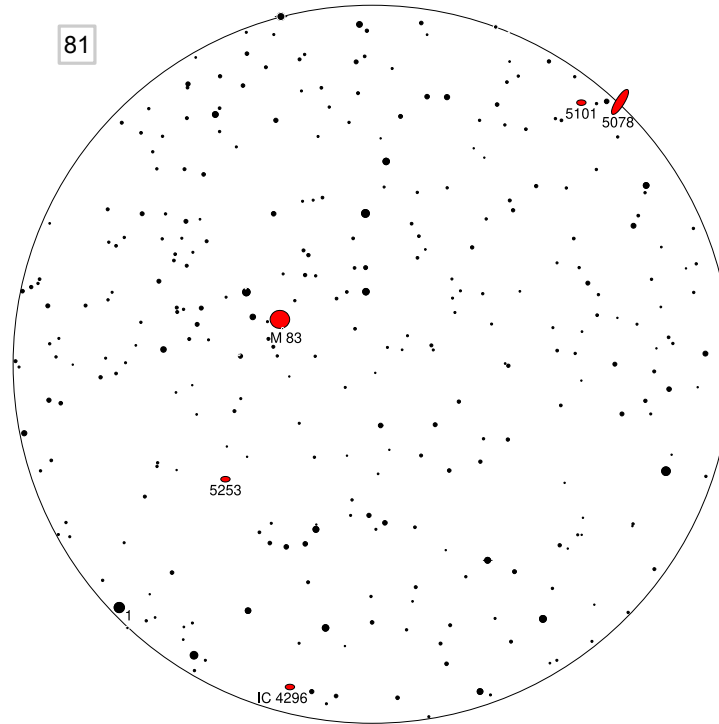
79



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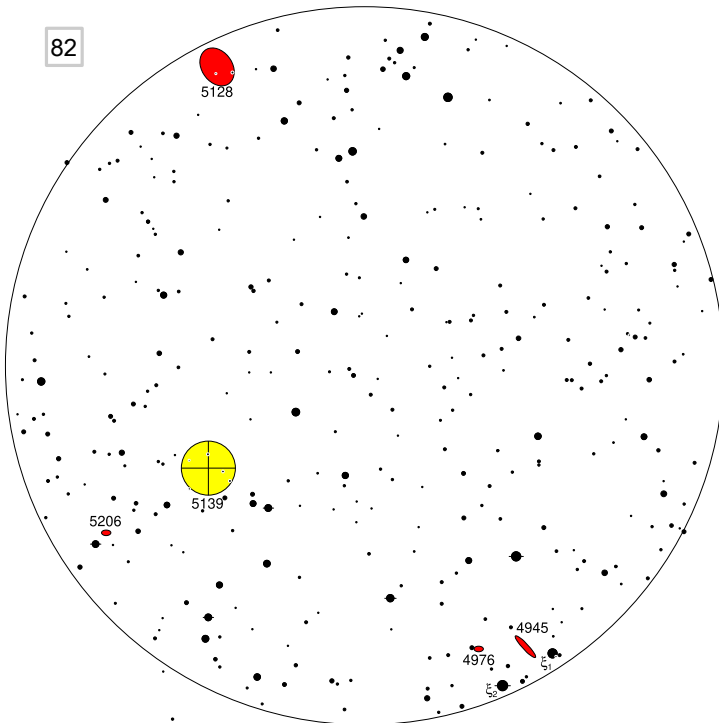


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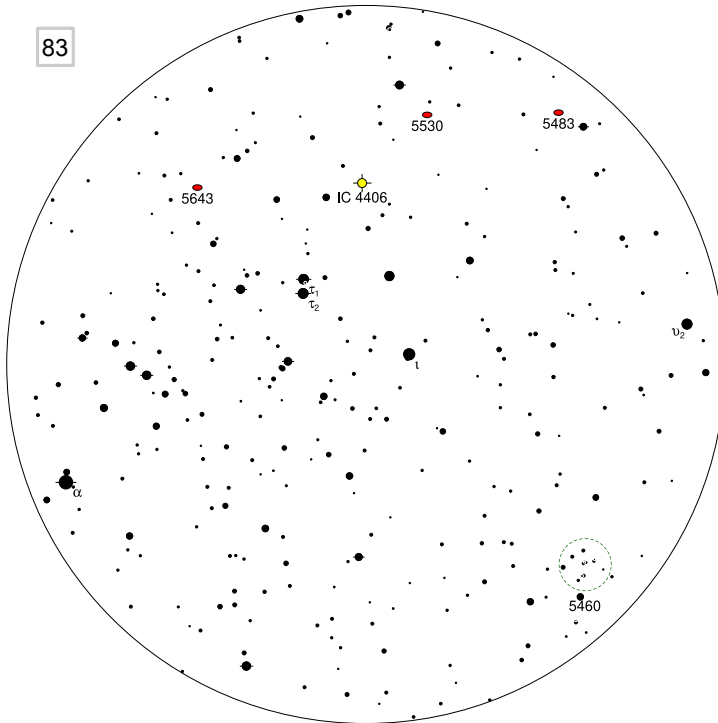


Celestron 6x30 (8°)

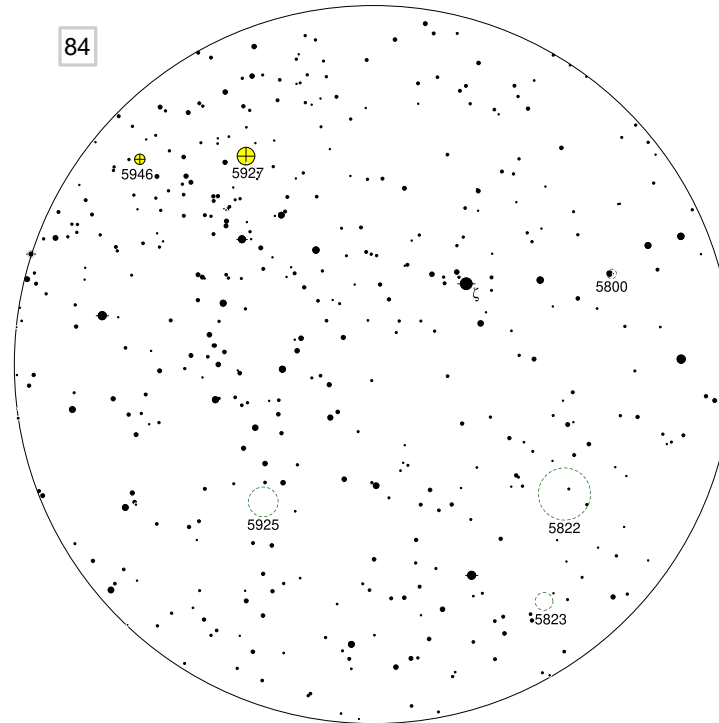
82



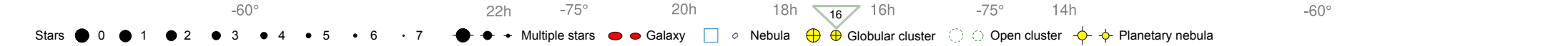
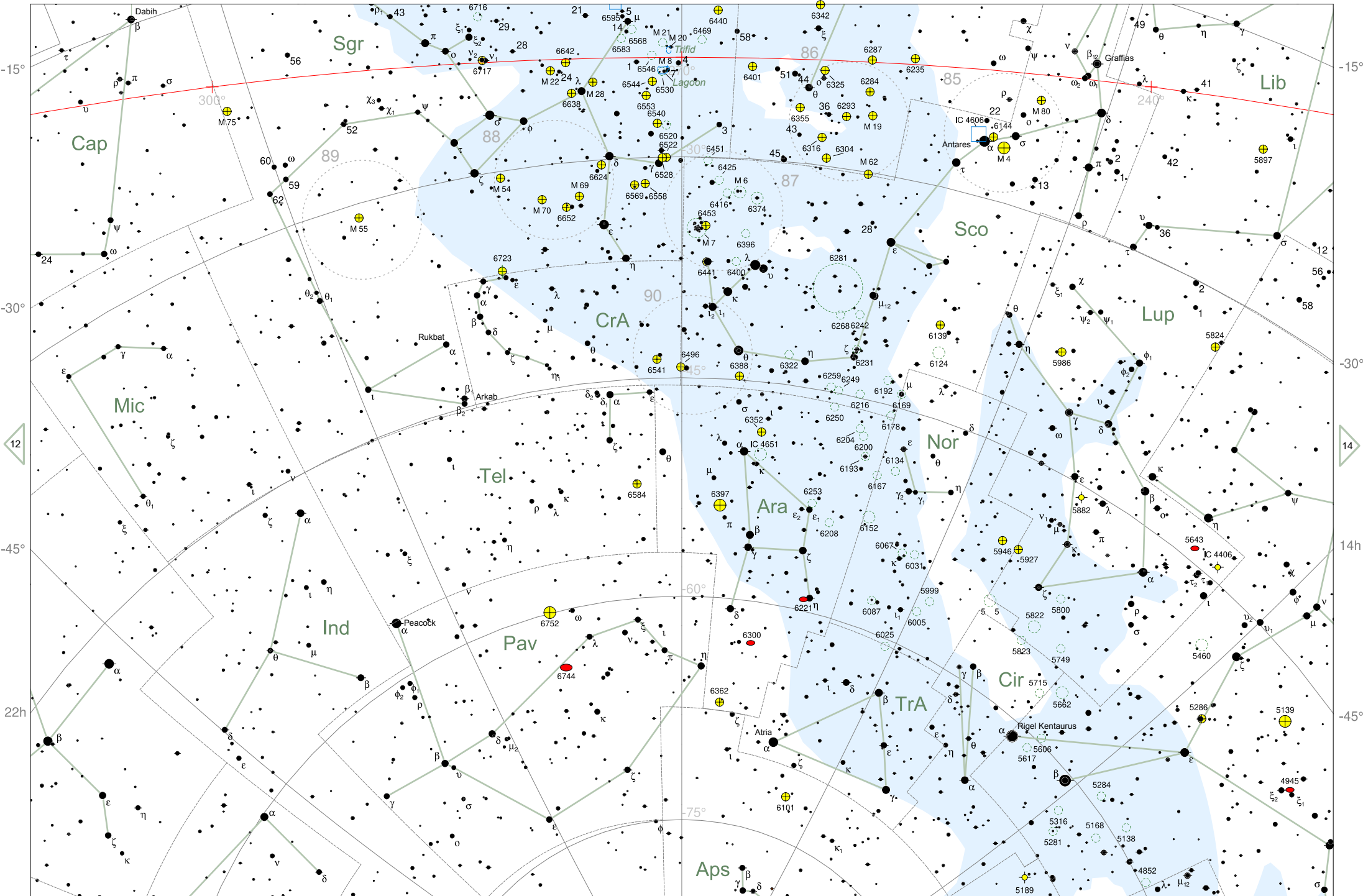
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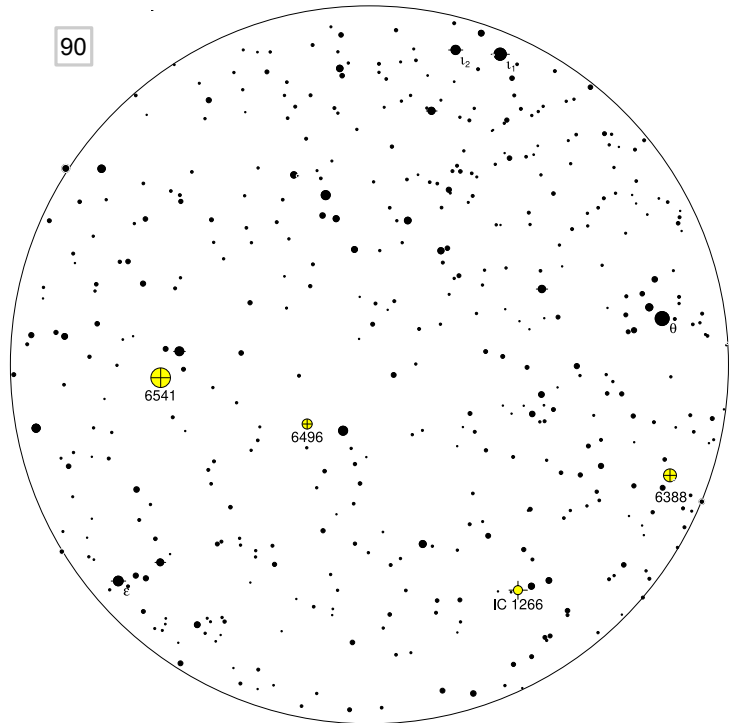
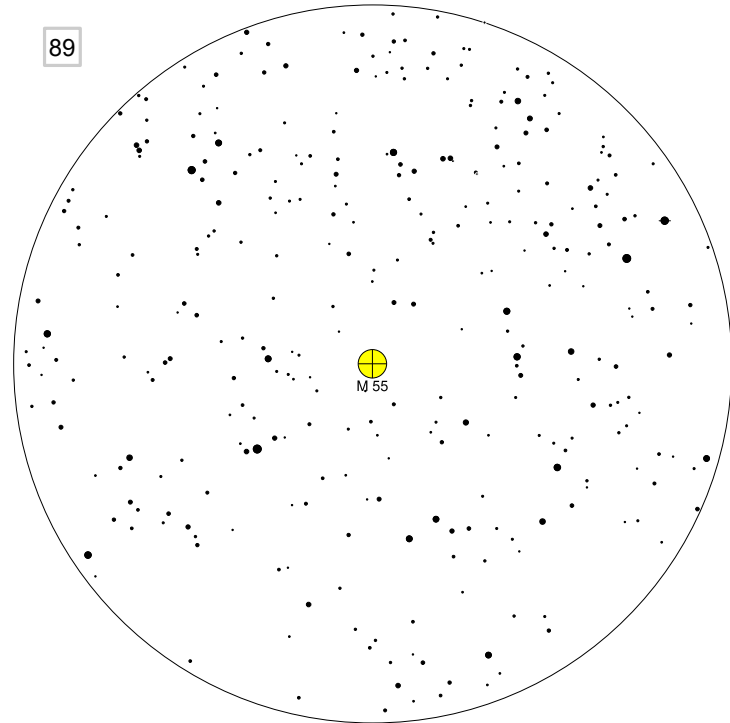
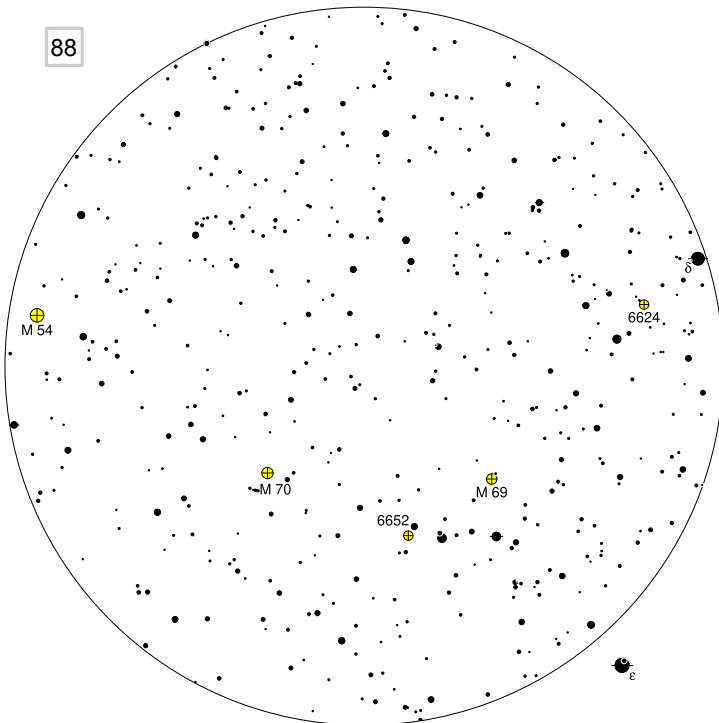
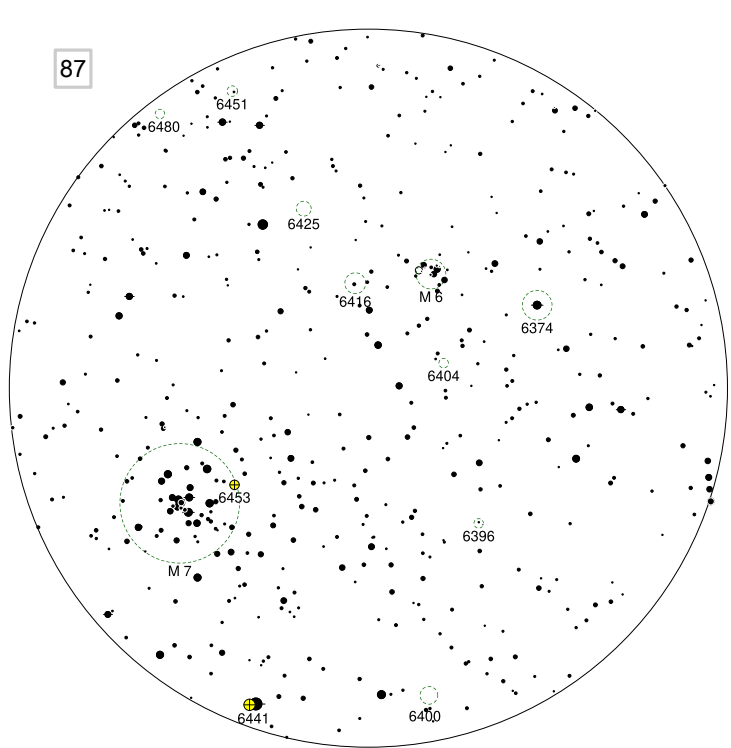
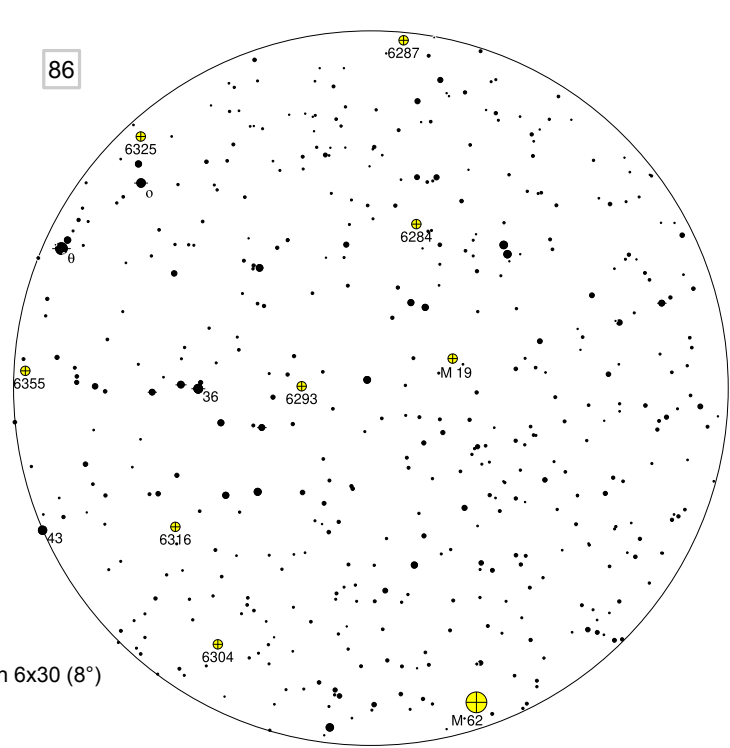
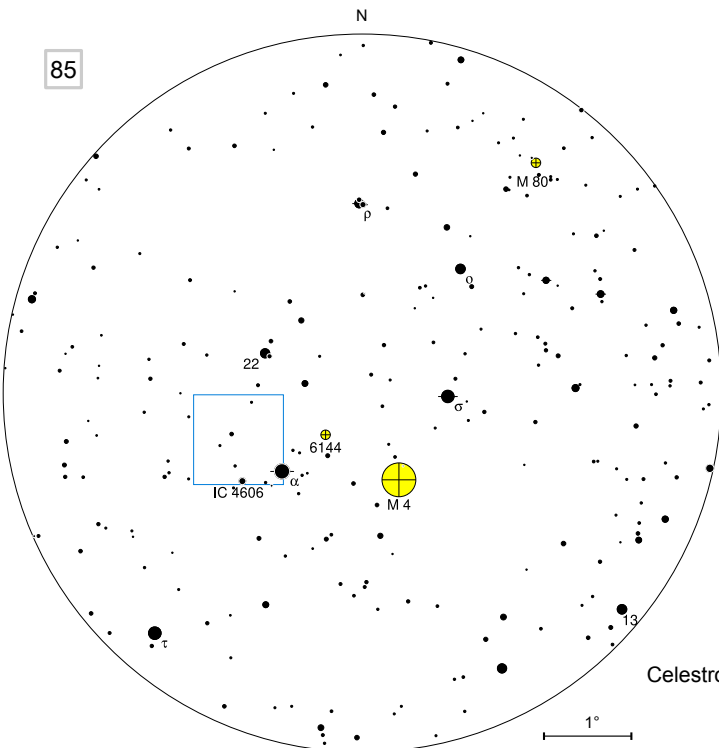


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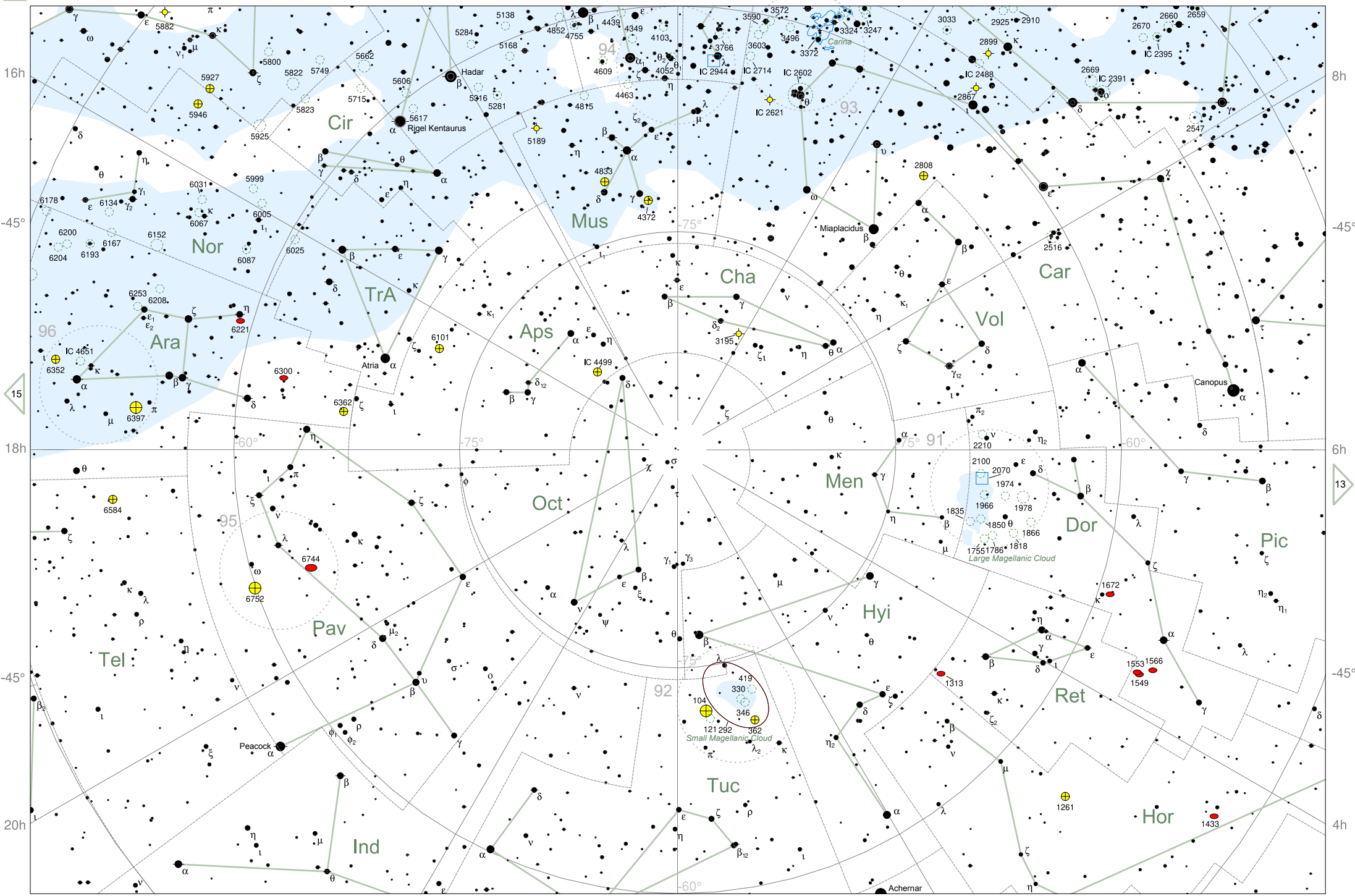


Stars ● 0 ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● >9.5 ● ● + Multiple stars ● Galaxy □ Nebula ● Globular cluster ○ Open cluster ◆ Planetary nebula

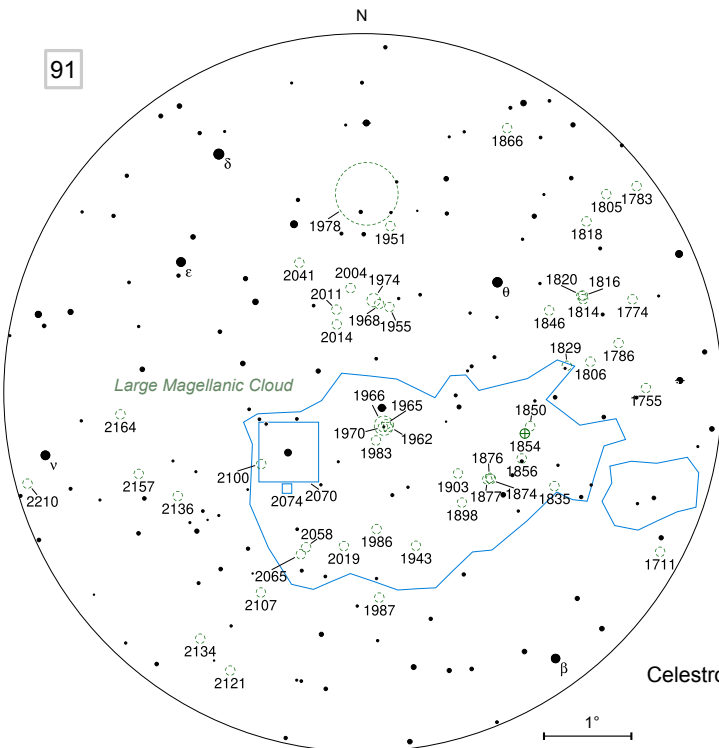




Stars ● 0 ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● >9.5 ● ● + Multiple stars ● Galaxy □ Nebula ● Globular cluster ○ Open cluster ● Planetary nebula

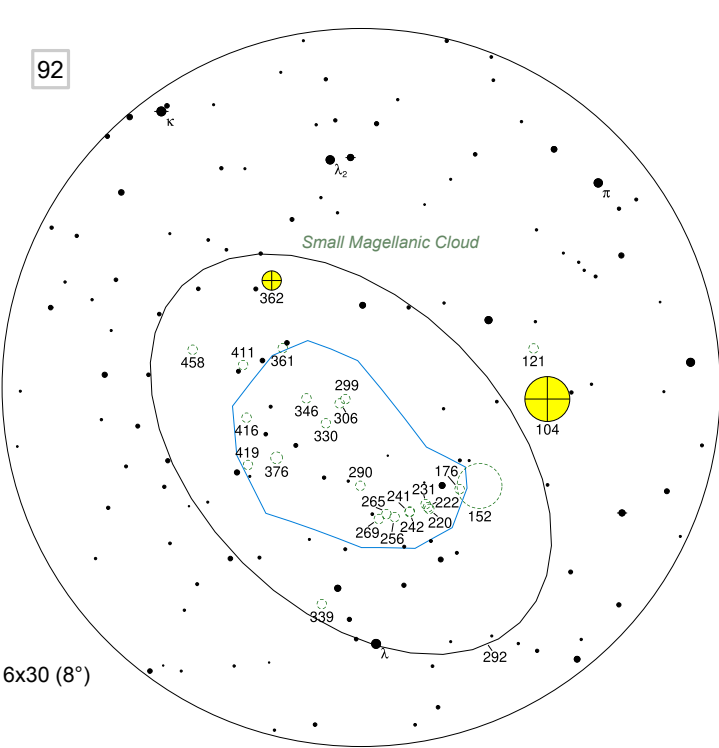


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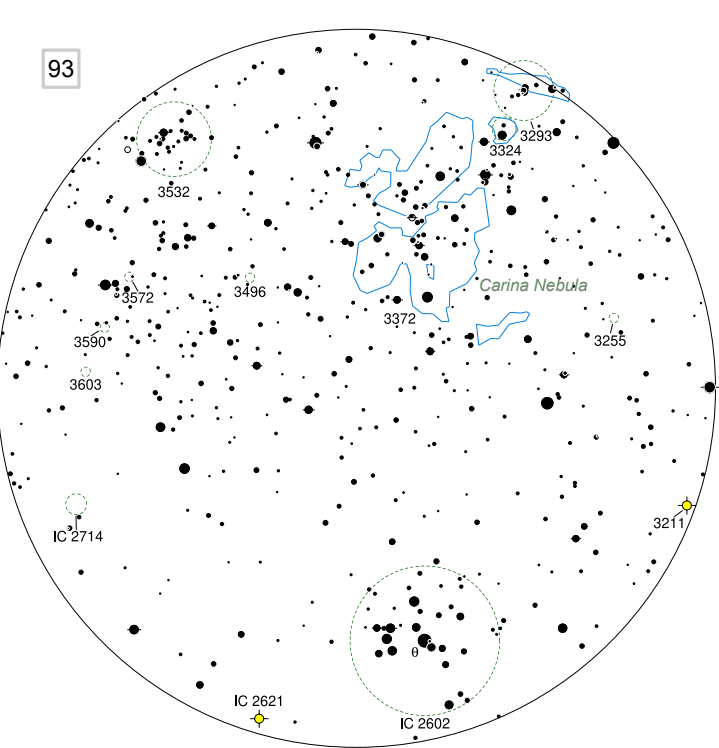


Celestron 6x30 (8°)

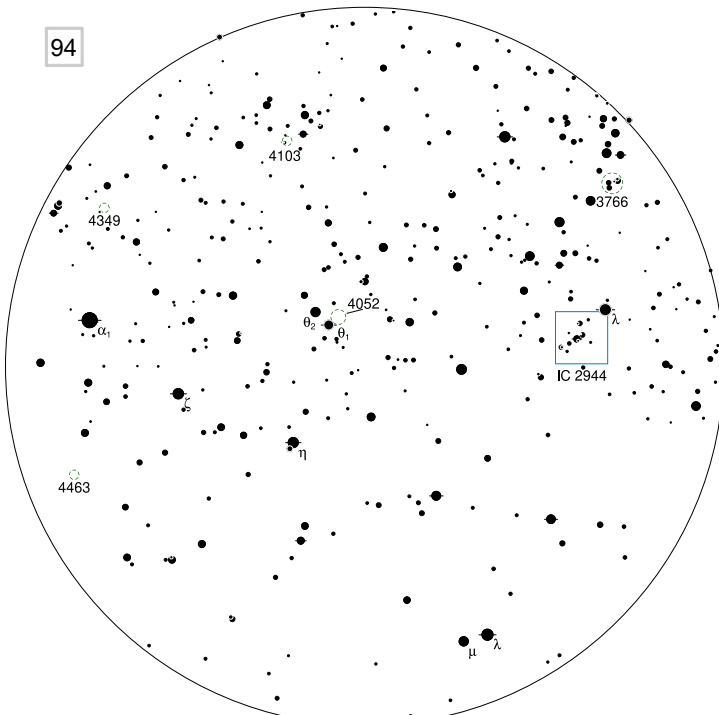
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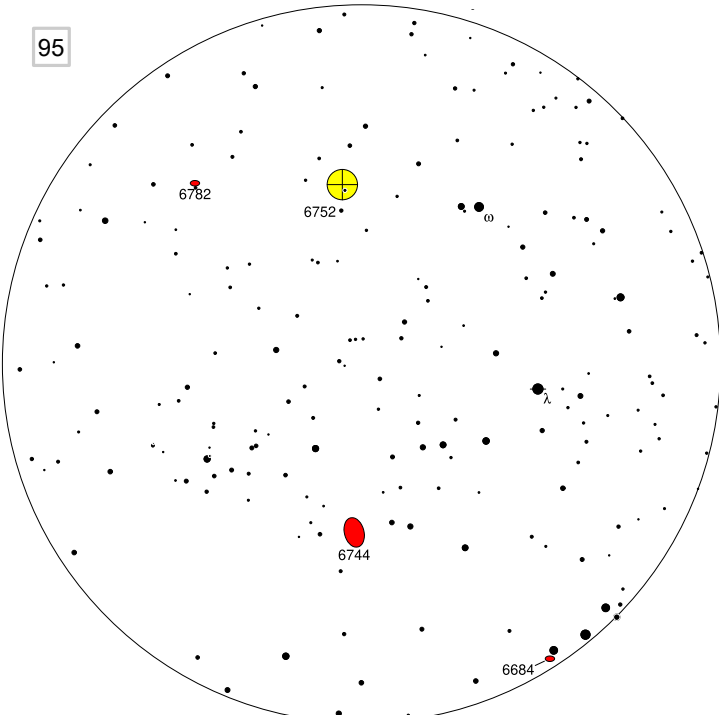
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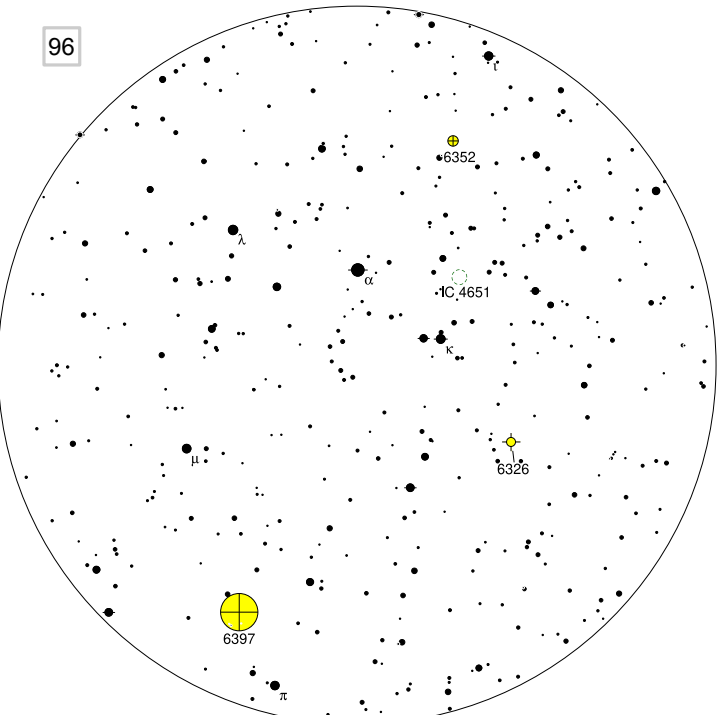
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Stars ● 0 ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● >9.5 ● ● + Multiple stars ● Galaxy □ Nebula ● Globular cluster ○ Open cluster ✦ Planetary nebula

Deepsky catalog

Name	Type	Mag.	Size	Con.
IC 342	Galaxy	9.1	20.9'x20.4'	Cam
IC 1396	Open cluster	3.5	89.0'	Cep
IC 1805	Open cluster	6.5	60.0'x60.0'	Cas
IC 1848	Open cluster	6.5	40.0'x10.0'	Cas
IC 2574	Galaxy	10.8	12.9'x5.3'	UMa
M 52	Open cluster	6.9	13.0'	Cas
M 81*	Galaxy	7.8	24.9'x11.5'	UMa
M 82*	Galaxy	9.2	10.5'x5.1'	UMa
M 102	Galaxy	10.8	6.5'x3.1'	Dra
M 103	Open cluster	7.4	6.0'	Cas
NGC 40 ^{C2}	Planetary nebula	10.7	37.0"	Cep
NGC 103	Open cluster	9.8	5.0'	Cas
NGC 188 ^{C1}	Open cluster	8.1	15'	Cep
NGC 129	Open cluster	6.5	21.0'	Cas
NGC 133	Open cluster	9.4	7.0'	Cas
NGC 146	Open cluster	9.1	7.0'	Cas
NGC 189	Open cluster	8.8	3.7'	Cas
NGC 225	Open cluster	7.0	12.0'	Cas
NGC 381	Open cluster	9.3	6.0'	Cas
NGC 433	Open cluster	9.0	2.5'	Cas
NGC 436	Open cluster	8.8	6.0'	Cas
NGC 559 ^{C8}	Open cluster	9.5	4.4'	Cas
NGC 654	Open cluster	6.5	5.0'	Cas
NGC 659	Open cluster	7.9	5.0'	Cas
NGC 663 ^{C10}	Open cluster	7.1	16.0'	Cas
NGC 743	Open cluster	9.5	5.0'	Cas
NGC 869 ^{C14}	Open cluster	5.3	30.0'	Per
NGC 884 ^{C14}	Open cluster	6.1	30.0'	Per
NGC 957	Open cluster	7.6	11.0'	Per
NGC 1027	Open cluster	6.7	20.0'	Cas
NGC 1245	Open cluster	8.4	10.0'	Per
NGC 1444	Open cluster	6.6	4.0'	Per
NGC 1496	Open cluster	9.6	6.0'	Per

NGC 1502	Open cluster	6.9	8.0'	Cam
NGC 1513	Open cluster	8.4	9.0'	Per
NGC 1528	Open cluster	6.4	24.0'	Per
NGC 1545	Open cluster	6.2	18.0'	Per
NGC 1605	Open cluster	10.7	5.0'	Per
NGC 2126	Open cluster	10.2	6.0'	Aur
NGC 2403 ^{C7}	Galaxy	8.9	23.4'x11.8'	Cam
NGC 2768	Galaxy	10.9	8.2'x5.3'	UMa
NGC 2976	Galaxy	10.8	6.2'x3.1'	UMa
NGC 3077	Galaxy	10.6	5.2'x4.7'	UMa
NGC 4125	Galaxy	10.6	6.0'x5.1'	Dra
NGC 4236 ^{C3}	Galaxy	10.7	22.6'x6.9'	Dra
NGC 4605	Galaxy	10.8	5.9'x2.4'	UMa
NGC 6229	Globular cluster	9.4	3.8'	Her
NGC 6503	Galaxy	10.9	7.0'x2.5'	Dra
NGC 6543 ^{C6}	Planetary nebula	8.8	18.0"	Dra
NGC 6811	Open cluster	6.8	13.0'	Cyg
NGC 6826 ^{C15}	Planetary nebula	9.8	25.0"	Cyg
NGC 6866	Open cluster	7.6	7.0'	Cyg
NGC 6939	Open cluster	7.8	8.0'	Cep
NGC 6946 ^{C12}	Galaxy	9.7	11.2'x9.8'	Cyg
NGC 7023 ^{C4}	Bright nebula	7.1	18.0'x18.0'	Cep
NGC 7031	Open cluster	9.1	5.0'	Cyg
NGC 7142	Open cluster	9.3	4.3'	Cep
NGC 7160	Open cluster	6.1	7.0'	Cep
NGC 7261	Open cluster	8.4	6.0'	Cep
NGC 7510	Open cluster	7.9	4.0'	Cep
NGC 7788	Open cluster	9.4	9.0'	Cas
NGC 7790	Open cluster	8.5	17.0'	Cas

Constellations

Andrómeda	And	Lacérta	Lac
Ántlia	Ant	Léo	Leo
Ápus	Aps	Léo Minor	LMi
Aquárius	Aqr	Lépus	Lep

Áquila	Aql	Libra	Lib
Ára	Ara	Lúpus	Lup
Áries	Ari	Lynx	Lyn
Auríga	Aur	Lýra	Lyr
Boótes	Boo	Ménsa	Men
Cáelum	Cae	Microscópium	Mic
Camelopárdalis	Cam	Monóceros	Mon
Cáncer	Cnc	Músca	Mus
Cánes Venáticos	CVn	Nórma	Nor
Cánis Májor	CMA	Óctans	Oct
Cánis Mínor	CMi	Ophiúchus	Oph
Capricórnus	Cap	Oríon	Ori
Carína	Car	Pávo	Pav
Cassiopeía	Cas	Pégasus	Peg
Centáurus	Cen	Pérseus	Per
Cephéus	Cep	Phóénix	Phe
Cétus	Cet	Píctor	Pic
Chamáeleon	Cha	Písces	Psc
Círcinus	Cir	Píscis Austrínus	PsA
Colúmba	Col	Púppis	Pup
Cóma Berenices	Com	Pýxis	Pyx
Coróna Austrális	CrA	Retículum	Ret
Coróna Boreális	CrB	Sagítta	Sge
Córvus	Crv	Sagittárius	Sgr
Cráter	Crt	Scórpilus	Sco
Crux	Cru	Scúlptor	Scl
Cýgnus	Cyg	Scútum	Sct
Delphínus	Del	Sérpens	Ser
Dorádo	Dor	Séxtans	Sex
Dráco	Dra	Táurus	Tau
Equúleus	Equ	Telescópium	Tel
Eridanus	Eri	Triángulum	Tri
Fórna	For	Triángulum Austrále	TrA
Gémini	Gem	Tucána	Tuc
Grus	Gru	Úrsa Májor	UMa
Hércules	Her	Úrsa Mínor	UMi
Horológium	Hor	Véla	Vel
Hýdra	Hya	Vírgo	Vir
Hýdrus	Hyi	Vólans	Vol
Índus	Ind	Vulpécula	Vul

Name	Type	Mag.	Size	Con.
IC 342 ^{C5}	Galaxy	9.1	20.9'x20.4'	Cam
IC 1369	Open cluster	8.8	5.0'	Cyg
IC 1396	Open cluster	3.5	89.0'	Cep
IC 1434	Open cluster	9.0	6.0'	Lac
IC 1442	Open cluster	9.1	5.0'	Lac
IC 1805	Open cluster	6.5	60.0'x60.0'	Cas
IC 1848	Open cluster	6.5	40.0'x10.0'	Cas
IC 4996	Open cluster	7.3	6.0'	Cyg
IC 5067	Bright nebula	8.0	25.0'x10.0'	Cyg
IC 5070	Bright nebula	8.0	60.0'x50.0'	Cyg
IC 5146 ^{C19}	Bright nebula	7.2	20.0'x10.0'	Cyg
M 29	Open cluster	6.6	7.0'	Cyg
M 31*	Galaxy	4.3	189.1'x61.7'	And
M 32*	Galaxy	9.1	8.5'x6.5'	And
M 33*	Galaxy	6.2	68.7'x41.6'	Tri
M 34*	Open cluster	5.2	35.0'	Per
M 39*	Open cluster	4.6	32.0'	Cyg
M 52	Open cluster	6.9	13.0'	Cas
M 76	Planetary nebula	10.1	1.1'	Per
M 103	Open cluster	7.4	6.0'	Cas
M 110*	Galaxy	8.9	19.5'x11.5'	And
NGC 40 ^{C2}	Planetary nebula	10.7	37.0"	Cep
NGC 103	Open cluster	9.8	5.0'	Cas
NGC 129	Open cluster	6.5	21.0'	Cas
NGC 133	Open cluster	9.4	7.0'	Cas
NGC 146	Open cluster	9.1	7.0'	Cas
NGC 147 ^{C17}	Galaxy	10.4	13.5'x8.2'	Cas
NGC 185 ^{C18}	Galaxy	10.3	12.5'x10.4'	Cas
NGC 189	Open cluster	8.8	3.7'	Cas
NGC 225	Open cluster	7.0	12.0'	Cas
NGC 281	Bright nebula	7.4	35,0' × 30,0'	Cas
NGC 381	Open cluster	9.3	6.0'	Cas
NGC 433	Open cluster	9.0	2.5'	Cas

NGC 436	Open cluster	8.8	6.0'	Cas
NGC 457 ^{C13}	Open cluster	6.4	13.0'	Cas
NGC 559	Open cluster	9.5	4.4'	Cas
NGC 637	Open cluster	8.2	3.5'	Cas
NGC 654	Open cluster	6.5	5.0'	Cas
NGC 659	Open cluster	7.9	5.0'	Cas
NGC 663 ^{C10}	Open cluster	7.1	16.0'	Cas
NGC 743	Open cluster	9.5	5.0'	Cas
NGC 744	Open cluster	7.9	11.0'	Per
NGC 752 ^{C28}	Open cluster	5.7	50.0'	And
NGC 869 ^{C14}	Open cluster	5.3	30.0'	Per
NGC 884 ^{C14}	Open cluster	6.1	30.0'	Per
NGC 891 ^{C23}	Galaxy	10.9	13.1'x2.8'	And
NGC 925	Galaxy	10.6	10.9'x6.2'	Tri
NGC 956	Open cluster	8.9	8.0'	And
NGC 957	Open cluster	7.6	11.0'	Per
NGC 1023	Galaxy	10.5	8.1'x3.4'	Per
NGC 1027	Open cluster	6.7	20.0'	Cas
NGC 1245	Open cluster	8.4	10.0'	Per
NGC 1342	Open cluster	6.7	14.0'	Per
NGC 1444	Open cluster	6.6	4.0'	Per
NGC 1496	Open cluster	9.6	6.0'	Per
NGC 1502	Open cluster	6.9	8.0'	Cam
NGC 1513	Open cluster	8.4	9.0'	Per
NGC 1528	Open cluster	6.4	24.0'	Per
NGC 1545	Open cluster	6.2	18.0'	Per
NGC 1605	Open cluster	10.7	5.0'	Per
NGC 6811	Open cluster	6.8	13.0'	Cyg
NGC 6826 ^{C15}	Planetary nebula	9.8	25.0"	Cyg
NGC 6866	Open cluster	7.6	7.0'	Cyg
NGC 6888 ^{C27}	Bright nebula	10.0	20.0'x10.0'	Cyg
NGC 6910	Open cluster	7.4	8.0'	Cyg
NGC 6939	Open cluster	7.8	8.0'	Cep
NGC 6946 ^{C12}	Galaxy	9.7	11.2'x9.8'	Cyg

NGC 6960 ^{C34}	Supernova remnant	7.0	210.0'x160.0'	Cyg
NGC 6992 ^{C33}	Bright nebula	7.0	60.0'	Cyg
NGC 6995	Bright nebula	7.0	12.0'	Cyg
NGC 6997	Open cluster	10.0	7.0'	Cyg
NGC 7000 ^{C20}	Bright nebula	4.0	120.0'x30.0'	Cyg
NGC 7023 ^{C4}	Bright nebula	7.1	18.0'x18.0'	Cep
NGC 7027	Planetary nebula	10.4	15.0"	Cyg
NGC 7031	Open cluster	9.1	5.0'	Cyg
NGC 7039	Open cluster	7.6	25.0'	Cyg
NGC 7062	Open cluster	8.3	7.0'	Cyg
NGC 7063	Open cluster	7.0	8.0'	Cyg
NGC 7067	Open cluster	9.7	3.0'	Cyg
NGC 7082	Open cluster	7.2	25.0'	Cyg
NGC 7086	Open cluster	8.4	9.0'	Cyg
NGC 7128	Open cluster	9.7	3.1'	Cyg
NGC 7142	Open cluster	9.3	4.3'	Cep
NGC 7160	Open cluster	6.1	7.0'	Cep
NGC 7209	Open cluster	7.7	25.0'	Lac
NGC 7226	Open cluster	9.6	1.8'	Cep
NGC 7234	Open cluster	7.7	4.0'	Cep
NGC 7243 ^{C16}	Open cluster	6.4	21.0'	Lac
NGC 7245	Open cluster	9.2	5.0'	Lac
NGC 7261	Open cluster	8.4	6.0'	Cep
NGC 7295	Open cluster	9.7	4.0'	Lac
NGC 7331 ^{C30}	Galaxy	10.3	10.2'x4.2'	Peg
NGC 7380	Open cluster	7.2	12.0'	Cep
NGC 7510	Open cluster	7.9	4.0'	Cep
NGC 7662 ^{C22}	Planetary nebula	9.2	12.0"	And
NGC 7686	Open cluster	5.6	15.0'	And
NGC 7762	Open cluster	10.0	11.0'	Cep
NGC 7788	Open cluster	9.4	9.0'	Cas
NGC 7789	Open cluster	6.7	16.0'	Cas
NGC 7790	Open cluster	8.5	17.0'	Cas

Name	Type	Mag.	Size	Con.
IC 342 ^{C5}	Galaxy	9.1	20.9'x20.4'	Cam
IC 348	Open cluster	7.3	10.0'x10.0'	Per
IC 405 ^{C31}	Bright nebula	10.0	50.0'x30.0'	Aur
IC 1805	Open cluster	6.5	60.0'x60.0'	Cas
IC 1848	Open cluster	6.5	40.0'x10.0'	Cas
IC 2157	Open cluster	8.4	5.0'	Gem
M 1*	Supernova remnant	8.4	8.0'x4.0'	Tau
M 34*	Open cluster	5.2	35.0'	Per
M 35*	Open cluster	5.1	28.0'	Gem
M 36*	Open cluster	6.0	12.0'	Aur
M 37*	Open cluster	5.6	24.0'	Aur
M 38*	Open cluster	6.4	21.0'	Aur
M 44*	Open cluster	3.1	95.0'	Cnc
M 45*	Open cluster	1.6	110.0'	Tau
M 76	Planetary nebula	10.1	1.1'	Per
M 81*	Galaxy	7.8	24.9'x11.5'	UMa
M 82*	Galaxy	9.2	10.5'x5.1'	UMa
M 97*	Planetary nebula	9.9	3'.4 × 3'.3	UMa
M 103	Open cluster	7.4	6.0'	Cas
M 108	Galaxy	10.6	8.6'x2.4'	UMa
NGC 281	Open cluster	7.4	4.0'	Cas
NGC 381	Open cluster	9.3	6.0'	Cas
NGC 433	Open cluster	9.0	2.5'	Cas
NGC 457 ^{C13}	Open cluster	6.4	13.0'	Cas
NGC 559 ^{C8}	Open cluster	9.5	4.4'	Cas
NGC 637	Open cluster	8.2	3.5'	Cas
NGC 654	Open cluster	6.5	5.0'	Cas
NGC 659	Open cluster	7.9	5.0'	Cas
NGC 663 ^{C10}	Open cluster	7.1	16.0'	Cas
NGC 743	Open cluster	9.5	5.0'	Cas
NGC 744	Open cluster	7.9	11.0'	Per
NGC 869 ^{C14}	Open cluster	5.3	30.0'	Per
NGC 884 ^{C14}	Open cluster	6.1	30.0'	Per

NGC 891 ^{C23}	Galaxy	10.9	13.1'x2.8'	And
NGC 925	Galaxy	10.6	10.9'x6.2'	Tri
NGC 956	Open cluster	8.9	8.0'	And
NGC 957	Open cluster	7.6	11.0'	Per
NGC 1023	Galaxy	10.5	8.1'x3.4'	Per
NGC 1027	Open cluster	6.7	20.0'	Cas
NGC 1245	Open cluster	8.4	10.0'	Per
NGC 1342	Open cluster	6.7	14.0'	Per
NGC 1444	Open cluster	6.6	4.0'	Per
NGC 1496	Open cluster	9.6	6.0'	Per
NGC 1499	Bright nebula	5.0	160.0'x40.0'	Per
NGC 1502	Open cluster	6.9	8.0'	Cam
NGC 1513	Open cluster	8.4	9.0'	Per
NGC 1514	Planetary nebula	10.0	1.9'	Tau
NGC 1528	Open cluster	6.4	24.0'	Per
NGC 1545	Open cluster	6.2	18.0'	Per
NGC 1582	Open cluster	7.0	37.0'	Per
NGC 1605	Open cluster	10.7	5.0'	Per
NGC 1647	Open cluster	6.4	45.0'	Tau
NGC 1664	Open cluster	7.6	18.0'	Aur
NGC 1746	Open cluster	6.1	42.0'	Tau
NGC 1778	Open cluster	7.7	7.0'	Aur
NGC 1857	Open cluster	7.0	6.0'	Aur
NGC 1893	Open cluster	7.5	11.0'	Aur
NGC 1907	Open cluster	8.2	7.0'	Aur
NGC 1931	Open cluster	10.1	1.0'	Aur
NGC 2126	Open cluster	10.2	6.0'	Aur
NGC 2129	Open cluster	6.7	7.0'	Gem
NGC 2158	Open cluster	8.6	5.0'	Gem
NGC 2175	Open cluster	6.8	18.0'	Ori
NGC 2192	Open cluster	10.9	6.0'	Aur
NGC 2266	Open cluster	9.5	7.0'	Gem
NGC 2281	Open cluster	5.4	15.0'	Aur
NGC 2331	Open cluster	8.5	18.0'	Gem

NGC 2392 ^{C39}	Planetary nebula	9.9	15.0"	Gem
NGC 2403 ^{C7}	Galaxy	8.9	23.4'x11.8'	Cam
NGC 2419 ^{C25}	Globular cluster	10.4	6.2'	Lyn
NGC 2420	Open cluster	8.3	10.0'	Gem
NGC 2683	Galaxy	10.5	8.8'x2.5'	Lyn
NGC 2768	Galaxy	10.9	8.2'x5.3'	UMa
NGC 2841	Galaxy	10.1	7.7'x3.6'	UMa
NGC 2976	Galaxy	10.8	6.2'x3.1'	UMa
NGC 3077	Galaxy	10.6	5.2'x4.7'	UMa
NGC 3198	Galaxy	10.9	8.1'x3.0'	UMa
NGC 3631	Galaxy	10.8	5.0'x4.8'	UMa

Name	Type	Mag.	Size	Con.					
					NGC 4236 ^{C3}	Galaxy	10.7	22.6'x6.9'	Dra
IC 2574	Galaxy	10.8	12.9'x5.3'	UMa	NGC 4244 ^{C26}	Galaxy	10.7	15.9'x1.8'	CVn
M 3	Globular cluster	6.2	18.6'	CVn	NGC 4395	Galaxy	10.6	12.3'x10.0'	CVn
M 51*	Galaxy	8.9	10.8'x6.6'	CVn	NGC 4449 ^{C21}	Galaxy	10.0	6.2'x4.9'	CVn
M 63*	Galaxy	9.3	12.6'x7.5'	CVn	NGC 4490	Galaxy	10.2	6.4'x3.2'	CVn
M 64*	Galaxy	9.3	10.3'x5.0'	Com	NGC 4494	Galaxy	10.7	4.5'x4.3'	Com
M 81*	Galaxy	7.8	24.9'x11.5'	UMa	NGC 4559 ^{C36}	Galaxy	10.3	11.0'x4.9'	Com
M 82*	Galaxy	9.2	10.5'x5.1'	UMa	NGC 4565 ^{C38}	Galaxy	10.3	14.9'x2.0'	Com
M 94	Galaxy	8.9	12.3'x10.8'	CVn	NGC 4605	Galaxy	10.8	5.9'x2.4'	UMa
M 97 *	Planetary nebula	9.9	3'.4 × 3'.3	UMa	NGC 4631 ^{C32}	Galaxy	9.7	15.2'x2.8'	CVn
M 101*	Galaxy	8.2	28.5'x28.3'	UMa	NGC 4656	Galaxy	10.7	15.3'x2.4'	CVn
M 102	Galaxy	10.8	6.5'x3.1'	Dra	NGC 4725	Galaxy	10.1	10.4'x7.2'	Com
M 106*	Galaxy	9.1	17.4'x6.6'	CVn	NGC 5005 ^{C29}	Galaxy	10.6	5.8'x2.9'	CVn
M 108	Galaxy	10.6	8.6'x2.4'	UMa	NGC 5033	Galaxy	10.7	9.8'x3.6'	CVn
M 109	Galaxy	10.6	7.5'x4.4'	UMa	NGC 5195	Galaxy	10.5	5.9'x4.6'	CVn
NGC 2403 ^{C7}	Galaxy	8.9	23.4'x11.8'	Cam	NGC 5466	Globular cluster	9.0	9.2'	Boo
NGC 2683	Galaxy	10.5	8.8'x2.5'	Lyn	NGC 6229	Globular cluster	9.4	3.8'	Her
NGC 2768	Galaxy	10.9	8.2'x5.3'	UMa					
NGC 2841	Galaxy	10.1	7.7'x3.6'	UMa					
NGC 2903	Galaxy	9.6	12.0'x5.6'	Leo					
NGC 2976	Galaxy	10.8	6.2'x3.1'	UMa					
NGC 3077	Galaxy	10.6	5.2'x4.7'	UMa					
NGC 3184	Galaxy	10.3	7.6'x7.4'	UMa					
NGC 3198	Galaxy	10.9	8.1'x3.0'	UMa					
NGC 3344	Galaxy	10.5	7.1'x6.8'	LMi					
NGC 3631	Galaxy	10.8	5.0'x4.8'	UMa					
NGC 3675	Galaxy	10.8	6.2'x3.6'	UMa					
NGC 3726	Galaxy	10.9	6.0'x4.1'	UMa					
NGC 3893	Galaxy	10.9	4.5'x2.4'	UMa					
NGC 3938	Galaxy	10.8	5.1'x5.0'	UMa					
NGC 3953	Galaxy	10.6	6.9'x3.6'	UMa					
NGC 4051	Galaxy	10.8	5.3'x4.4'	UMa					
NGC 4125	Galaxy	10.6	6.0'x5.1'	Dra					
NGC 4214	Galaxy	10.2	8.4'x7.2'	CVn					

Name	Type	Mag.	Size	Con.
IC 1396*	Open cluster	3.5	89.0'	Cep
IC 1434	Open cluster	9.0	6.0'	Lac
IC 1442	Open cluster	9.1	5.0'	Lac
IC 4996	Open cluster	7.3	6.0'	Cyg
IC 5067	Bright nebula	8.0	25.0'x10.0'	Cyg
IC 5070	Bright nebula	8.0	60.0'x50.0'	Cyg
IC 5146 ^{C19}	Bright nebula	7.2	20.0'x10.0'	Cyg
M 13*	Globular cluster	5.8	23.2'	Her
M 27*	Planetary nebula	7.6	5.8'	Vul
M 29	Open cluster	6.6	7.0'	Cyg
M 39*	Open cluster	4.6	32.0'	Cyg
M 51*	Galaxy	8.9	10.8'x6.6'	CVn
M 56	Globular cluster	8.3	5.0'	Lyr
M 57*	Planetary nebula	9.7	1.2'	Lyr
M 71	Globular cluster	8.2	6.1'	Sge
M 92	Globular cluster	6.4	12.2'	Her
M 101*	Galaxy	8.2	28.5'x28.3'	UMa
M 102	Galaxy	10.8	6.5'x3.1'	Dra
NGC 6229	Globular cluster	9.4	3.8'	Her
NGC 6503	Galaxy	10.9	7.0'x2.5'	Dra
NGC 6543 ^{C6}	Planetary nebula	8.8	18.0"	Dra
NGC 6791	Open cluster	9.5	16.0'	Lyr
NGC 6802	Open cluster	8.8	3.2'	Vul
NGC 6811	Open cluster	6.8	13.0'	Cyg
NGC 6819	Open cluster	7.3	5.0'	Cyg
NGC 6823	Open cluster	7.1	12.0'	Vul
NGC 6826 ^{C15}	Planetary nebula	9.8	25.0"	Cyg
NGC 6830	Open cluster	7.9	12.0'	Vul
NGC 6834	Open cluster	7.8	5.0'	Cyg
NGC 6866	Open cluster	7.6	7.0'	Cyg
NGC 6871	Open cluster	5.2	20.0'	Cyg
NGC 6883	Open cluster	8.0	15.0'	Cyg
NGC 6885 ^{C37}	Open cluster	5.7	7.0'	Vul

NGC 6888 ^{C27}	Bright nebula	10.0	20.0'x10.0'	Cyg
NGC 6910	Open cluster	7.4	8.0'	Cyg
NGC 6939	Open cluster	7.8	8.0'	Cep
NGC 6940	Open cluster	6.3	31.0'	Vul
NGC 6946 ^{C12}	Galaxy	9.7	11.2'x9.8'	Cyg
NGC 6960 ^{C34}	Supernova remnant	7.0	210'x160'	Cyg
NGC 6992 ^{C33}	Bright nebula	7.0	60.0'	Cyg
NGC 6995	Bright nebula	7.0	12.0'	Cyg
NGC 6997	Open cluster	10.0	7.0'	Cyg
NGC 7000 ^{C20}	Bright nebula	4.0	120.0'x30.0'	Cyg
NGC 7023 ^{C4}	Bright nebula	7.1	18.0'x18.0'	Cep
NGC 7027	Planetary nebula	10.4	15.0"	Cyg
NGC 7031	Open cluster	9.1	5.0'	Cyg
NGC 7039	Open cluster	7.6	25.0'	Cyg
NGC 7062	Open cluster	8.3	7.0'	Cyg
NGC 7063	Open cluster	7.0	8.0'	Cyg
NGC 7067	Open cluster	9.7	3.0'	Cyg
NGC 7082	Open cluster	7.2	25.0'	Cyg
NGC 7086	Open cluster	8.4	9.0'	Cyg
NGC 7128	Open cluster	9.7	3.1'	Cyg
NGC 7142	Open cluster	9.3	4.3'	Cep
NGC 7160	Open cluster	6.1	7.0'	Cep
NGC 7209	Open cluster	7.7	25.0'	Lac
NGC 7226	Open cluster	9.6	1.8'	Cep
NGC 7234	Open cluster	7.7	4.0'	Cep
NGC 7243 ^{C16}	Open cluster	6.4	21.0'	Lac
NGC 7245	Open cluster	9.2	5.0'	Lac
NGC 7261	Open cluster	8.4	6.0'	Cep
NGC 7295	Open cluster	9.7	4.0'	Lac
NGC 7380	Open cluster	7.2	12.0'	Cep

Name	Type	Mag.	Size	Con.
IC 1613 ^{C51}	Galaxy	9.9	16.6'x14.9'	Cet
M 2	Globular cluster	6.5	11.7'	Aqr
M 15*	Globular cluster	6.2	12.3'	Peg
M 30	Globular cluster	7.2	8.9'	Cap
M 74	Galaxy	9.8	10.0'x9.4'	Psc
M 77	Galaxy	9.7	7.3'x6.3'	Cet
NGC 246 ^{C56}	Planetary nebula	8.0	3.8'	Cet
NGC 247 ^{C62}	Galaxy	9.6	21.0'x5.6'	Cet
NGC 253 ^{C65}	Galaxy	8.0	26.4'x6.0'	Scl
NGC 288	Globular cluster	8.1	12.4'	Scl
NGC 676	Galaxy	10.4	4.2'x1.6'	Psc
NGC 908	Galaxy	10.9	6.1'x2.7'	Cet
NGC 7293 ^{C63}	Planetary nebula	6.5	12.8'	Aqr

Name	Type	Mag.	Size	Con.
IC 418	Planetary nebula	10.7	12.0"	Lep
IC 2157	Open cluster	8.4	5.0'	Gem
M 1*	Supernova remnant	8.4	8.0'x4.0'	Tau
M 35*	Open cluster	5.1	28.0'	Gem
M 41*	Open cluster	4.5	38.0'	CMA
M 42*	Bright nebula	4.0	90.0'x60.0'	Ori
M 43*	Bright nebula	9.0	20.0'	Ori
M 45*	Open cluster	1.6	110.0'	Tau
M 74	Galaxy	9.8	10.0'x9.4'	Psc
M 77	Galaxy	9.7	7.3'x6.3'	Cet
M 78	Bright nebula	8.0	8.0'	Ori
M 79	Globular cluster	7.7	7.8'	Lep
NGC 676	Galaxy	10.4	4.2'x1.6'	Psc
NGC 908	Galaxy	10.9	6.1'x2.7'	Cet
NGC 1232	Galaxy	10.5	7.1'x6.3'	Eri
NGC 1395	Galaxy	10.8	5.6'x4.6'	Eri
NGC 1398	Galaxy	10.6	7.2'x5.2'	For
NGC 1407	Galaxy	10.7	4.9'x4.5'	Eri
NGC 1535	Planetary nebula	9.6	18.0"	Eri
NGC 1647*	Open cluster	6.4	45.0'	Tau
NGC 1662	Open cluster	6.4	20.0'	Ori
NGC 1746*	Open cluster	6.1	42.0'	Tau
NGC 1807	Open cluster	7.0	17.0'	Tau
NGC 1817	Open cluster	7.7	16.0'	Tau
NGC 1973	Bright nebula	7.0	5.0'	Ori
NGC 1975	Bright nebula	7.0	10.0'	Ori
NGC 1977	Open cluster	7.0	20.0'x10.0'	Ori
NGC 1981	Open cluster	4.2	25.0'	Ori
NGC 2071	Bright nebula	8.0	7.0'x5.0'	Ori
NGC 2112	Open cluster	9.1	11.0'	Ori
NGC 2129	Open cluster	6.7	7.0'	Gem
NGC 2141	Open cluster	9.4	10.0'	Ori
NGC 2158	Open cluster	8.6	5.0'	Gem

NGC 2169	Open cluster	5.9	7.0'	Ori
NGC 2175	Open cluster	6.8	18.0'	Ori
NGC 2186	Open cluster	8.7	4.0'	Ori
NGC 2194	Open cluster	8.5	10.0'	Ori
NGC 2204	Open cluster	8.6	13.0'	CMA
NGC 2215	Open cluster	8.4	11.0'	Mon
NGC 2232	Open cluster	3.9	30.0'	Mon
NGC 2236	Open cluster	8.5	7.0'	Mon
NGC 2237 ^{C49}	Bright nebula	6.0	80.0'x60.0'	Mon
NGC 2238	Bright nebula	6.0	80.0'x60.0'	Mon
NGC 2239	Open cluster	4.8	24.0'	Mon
NGC 2244 ^{C50}	Open cluster	4.8	24'	Mon
NGC 2250	Open cluster	8.9	8.0'	Mon
NGC 2252	Open cluster	7.7	20.0'	Mon
NGC 2254	Open cluster	9.1	4.0'	Mon
NGC 2259	Open cluster	10.8	4.5'	Mon
NGC 2264	Open cluster	3.9	20.0'	Mon
NGC 2269	Open cluster	10.0	4.0'	Mon
NGC 2286	Open cluster	7.5	15.0'	Mon

Name	Type	Mag.	Size	Con.										
					NGC 2215	Open cluster	8.4	11.0'	Mon	NGC 2395	Open cluster	8.0	12.0'	Gem
IC 418	Planetary nebula	10.7	12.0"	Lep	NGC 2232	Open cluster	3.9	30.0'	Mon	NGC 2396	Open cluster	7.4	10.0'	Pup
IC 2157	Open cluster	8.4	5.0'	Gem	NGC 2236	Open cluster	8.5	7.0'	Mon	NGC 2409	Open cluster	8.0	2.5'	Pup
M 1*	Supernova remnant	8.4	8.0'x4.0'	Tau	NGC 2238	Bright nebula	6.0	80.0'x60.0'	Mon	NGC 2414	Open cluster	7.9	4.0'	Pup
M 35*	Open cluster	5.1	28.0'	Gem	NGC 2239	Open cluster	4.8	24.0'	Mon	NGC 2420	Open cluster	8.3	10.0'	Gem
M 42*	Bright nebula	4.0	90.0'x60.0'	Ori	NGC 2250	Open cluster	8.9	8.0'	Mon	NGC 2421	Open cluster	8.3	10.0'	Pup
M 43*	Bright nebula	9.0	20.0'	Ori	NGC 2244 ^{C50}	Open cluster	4.8	24'	Mon	NGC 2423	Open cluster	6.7	19.0'	Pup
M 44*	Open cluster	3.1	95.0'	Cnc	NGC 2252	Open cluster	7.7	20.0'	Mon	NGC 2432	Open cluster	10.2	8.0'	Pup
M 46*	Open cluster	6.1	27.0'	Pup	NGC 2259	Open cluster	10.8	4.5'	Mon	NGC 2438	Planetary nebula	10.1	1.1'	Pup
M 47*	Open cluster	4.4	30.0'	Pup	NGC 2264	Open cluster	3.9	20.0'	Mon	NGC 2440	Planetary nebula	10.8	14.0"	Pup
M 48*	Open cluster	5.8	54.0'	Hya	NGC 2266	Open cluster	9.5	7.0'	Gem	NGC 2453	Open cluster	8.3	5.0'	Pup
M 50*	Open cluster	5.9	16.0'	Mon	NGC 2269	Open cluster	10.0	4.0'	Mon	NGC 2455	Open cluster	10.2	8.0'	Pup
M 67*	Open cluster	6.9	30.0'	Cnc	NGC 2286	Open cluster	7.5	15.0'	Mon	NGC 2467	Open cluster	7.1	16.0'	Pup
M 78	Bright nebula	8.0	8.0'	Ori	NGC 2299	Open cluster	8.9	2.5'	Mon	NGC 2479	Open cluster	9.6	7.0'	Pup
M 79	Globular cluster	7.7	7.8'	Lep	NGC 2301	Open cluster	6.0	12.0'	Mon	NGC 2482	Open cluster	7.3	12.0'	Pup
M 93	Open cluster	6.2	22.0'	Pup	NGC 2304	Open cluster	10.0	5.0'	Gem	NGC 2483	Open cluster	7.6	10.0'	Pup
M 95	Galaxy	10.6	7.3'x4.4'	Leo	NGC 2309	Open cluster	10.5	3.0'	Mon	NGC 2506 ^{C54}	Open cluster	7.6	7.0'	Mon
M 96	Galaxy	10.1	7.8'x5.2'	Leo	NGC 2311	Open cluster	9.6	7.0'	Mon	NGC 2509	Open cluster	9.3	8.0'	Pup
M 105	Galaxy	10.5	5.3'x4.8'	Leo	NGC 2324	Open cluster	8.4	8.0'	Mon	NGC 2520	Open cluster	6.5	22.0'	Pup
NGC 1807	Open cluster	7.0	17.0'	Tau	NGC 2331	Open cluster	8.5	18.0'	Gem	NGC 2539	Open cluster	6.5	22.0'	Pup
NGC 1817	Open cluster	7.7	16.0'	Tau	NGC 2335	Open cluster	7.2	12.0'	Mon	NGC 2903	Galaxy	9.6	12.0'x5.6'	Leo
NGC 1973	Bright nebula	7.0	5.0'	Ori	NGC 2343	Open cluster	6.7	7.0'	Mon	NGC 2775 ^{C48}	Galaxy	10.4	4.3'x3.3'	
NGC 1975	Bright nebula	7.0	10.0'	Ori	NGC 2345	Open cluster	7.7	12.0'	CMa	NGC 3115 ^{C53}	Galaxy	10.1	7.3'x3.4'	Sex
NGC 1977	Open cluster	7.0	20.0'x10.0'	Ori	NGC 2346	Planetary nebula	10.0	55.0"	Mon	NGC 3242 ^{C59}	Planetary nebula	8.6	16.0"	Hya
NGC 1981	Open cluster	4.2	25.0'	Ori	NGC 2353	Open cluster	7.1	20.0'	Mon	NGC 3344	Galaxy	10.5	7.1'x6.8'	LMi
NGC 2071	Bright nebula	8.0	7.0'x5.0'	Ori	NGC 2354	Open cluster	6.5	20.0'	CMa	NGC 3371	Galaxy	10.9	5.4'x2.7'	Leo
NGC 2112	Open cluster	9.1	11.0'	Ori	NGC 2355	Open cluster	9.7	9.0'	Gem					
NGC 2129	Open cluster	6.7	7.0'	Gem	NGC 2360 ^{C58}	Open cluster	7.2	13.0'	CMa					
NGC 2141	Open cluster	9.4	10.0'	Ori	NGC 2362 ^{C64}	Open cluster	4.1	8.0'	CMa					
NGC 2158	Open cluster	8.6	5.0'	Gem	NGC 2367	Open cluster	7.9	3.5'	CMa					
NGC 2169	Open cluster	5.9	7.0'	Ori	NGC 2374	Open cluster	8.0	19.0'	CMa					
NGC 2175	Open cluster	6.8	18.0'	Ori	NGC 2383	Open cluster	8.4	6.0'	CMa					
NGC 2186	Open cluster	8.7	4.0'	Ori	NGC 2384	Open cluster	7.4	2.5'	CMa					
NGC 2194	Open cluster	8.5	10.0'	Ori	NGC 2392 ^{C39}	Planetary nebula	9.9	15.0"	Gem					

Name	Type	Mag.	Size	Con.					
					NGC 3585	Galaxy	10.9	5.2'x3.1'	Hya
M 3*	Globular cluster	6.2	18.6'	CVn	NGC 3607	Galaxy	10.9	4.6'x4.0'	Leo
M 49	Galaxy	9.3	9.8'x8.2'	Vir	NGC 3628	Galaxy	10.4	13.1'x3.1'	Leo
M 53	Globular cluster	7.6	14.4'	Com	NGC 3923	Galaxy	10.6	6.6'x4.5'	Hya
M 58	Galaxy	10.4	6.0'x4.8'	Vir	NGC 4038 ^{C60}	Galaxy	10.9	3.4'x2.0'	Crv
M 59	Galaxy	10.7	5.3'x4.0'	Vir	NGC 4147	Globular cluster	10.3	4.1'	Com
M 60	Galaxy	9.8	7.6'x6.2'	Vir	NGC 4365	Galaxy	10.6	6.5'x4.9'	Vir
M 61	Galaxy	10.1	6.5'x5.9'	Vir	NGC 4438	Galaxy	10.9	8.5'x3.0'	Vir
M 64	Galaxy	9.3	10.3'x5.0'	Com	NGC 4450	Galaxy	10.9	5.4'x4.1'	Com
M 65	Galaxy	10.1	9.0'x2.3'	Leo	NGC 4494	Galaxy	10.7	4.5'x4.3'	Com
M 66	Galaxy	9.7	9.1'x4.1'	Leo	NGC 4526	Galaxy	10.6	7.0'x2.5'	Vir
M 68	Globular cluster	7.8	9.8'	Hya	NGC 4535	Galaxy	10.5	6.9'x5.4'	Vir
M 84	Galaxy	10.2	6.7'x6.0'	Vir	NGC 4559 ^{C36}	Galaxy	10.3	11.0'x4.9'	Com
M 85	Galaxy	10.0	7.4'x5.9'	Com	NGC 4565 ^{C38}	Galaxy	10.3	14.9'x2.0'	Com
M 86	Galaxy	9.9	9.8'x6.3'	Vir	NGC 4697 ^{C52}	Galaxy	10.1	6.2'x4.5'	Vir
M 87	Galaxy	9.6	8.7'x6.6'	Vir	NGC 4699	Galaxy	10.4	3.8'x2.8'	Vir
M 88	Galaxy	10.2	6.8'x3.7'	Com	NGC 4725	Galaxy	10.1	10.4'x7.2'	Com
M 89	Galaxy	10.9	5.3'x4.8'	Vir	NGC 4753	Galaxy	10.9	5.1'x2.6'	Vir
M 90	Galaxy	10.2	9.9'x4.4'	Vir	NGC 5053	Globular cluster	9.5	8.9'	Com
M 91	Galaxy	10.9	5.2'x4.2'	Com	NGC 5068	Galaxy	10.5	7.3'x6.4'	Vir
M 95	Galaxy	10.6	7.3'x4.4'	Leo	NGC 5247	Galaxy	10.7	5.4'x4.9'	Vir
M 96	Galaxy	10.1	7.8'x5.2'	Leo	NGC 5248 ^{C45}	Galaxy	10.9	5.9'x4.5'	Boo
M 98	Galaxy	10.9	9.4'x2.3'	Com	NGC 5634	Globular cluster	9.5	3.7'	Vir
M 99	Galaxy	10.4	5.3'x4.6'	Com					
M 100	Galaxy	10.1	7.5'x6.1'	Com					
M 104	Galaxy	9.2	8.6'x4.2'	Vir					
M 105	Galaxy	10.5	5.3'x4.8'	Leo					
NGC 2903	Galaxy	9.6	12.0'x5.6'	Leo					
NGC 3109	Galaxy	10.4	19.7'x3.4'	Hya					
NGC 3115 ^{C53}	Galaxy	10.1	7.3'x3.4'	Sex					
NGC 3242 ^{C59}	Planetary nebula	8.6	16.0"	Hya					
NGC 3344	Galaxy	10.5	7.1'x6.8'	LMi					
NGC 3371	Galaxy	10.9	5.4'x2.7'	Leo					
NGC 3521	Galaxy	10.0	11.2'x5.4'	Leo					

Name	Type	Mag.	Size	Con.
IC 1276	Globular cluster	10.3	7.1'	Ser
IC 4593	Planetary nebula	10.9	12.0"	Her
IC 4606	Bright nebula	10.0	60.0'x40.0'	Sco
IC 4665*	Open cluster	4.2	41.0'	Oph
IC 4756*	Open cluster	4.6	39.0'	Ser
M 4*	Globular cluster	5.6	22.8'	Sco
M 7*	Open cluster	3.0	80.0'	Sco
M 8*	Bright nebula	5.0	45.0'x30.0'	Sgr
M 9	Globular cluster	7.7	5.5'	Oph
M 10*	Globular cluster	6.6	12.2'	Oph
M 12*	Globular cluster	6.7	12.2'	Oph
M 14	Globular cluster	7.6	6.7'	Oph
M 16	Open cluster	6.0	7.0'	Ser
M 17	Bright nebula	6.0	11.0'	Sgr
M 18	Open cluster	6.9	9.0'	Sgr
M 19	Globular cluster	6.8	5.3'	Oph
M 20*	Bright nebula	6.3	28.0'	Sgr
M 21	Open cluster	5.9	13.0'	Sgr
M 22*	Globular cluster	5.1	17.0'	Sgr
M 23*	Open cluster	5.5	27.0'	Sgr
M 25*	Open cluster	4.6	29.0'	Sgr
M 26	Open cluster	8.0	15.0'	Sct
M 80	Globular cluster	7.3	5.1'	Sco
M 107	Globular cluster	7.9	3.3'	Oph
NGC 5053	Globular cluster	9.5	8.9'	Com
NGC 5068	Galaxy	10.5	7.3'x6.4'	Vir
NGC 5247	Galaxy	10.7	5.4'x4.9'	Vir
NGC 5248	Galaxy	10.9	5.9'x4.5'	Boo
NGC 5466	Globular cluster	9.0	9.2'	Boo
NGC 5634	Globular cluster	9.5	3.7'	Vir
NGC 5694 ^{C66}	Globular cluster	10.2	2.2'	Hya
NGC 5897	Globular cluster	8.5	8.7'	Lib
NGC 6144	Globular cluster	9.0	6.2'	Sco

NGC 6210	Planetary nebula	9.3	14.0"	Her
NGC 6235	Globular cluster	10.0	1.9'	Oph
NGC 6284	Globular cluster	8.8	2.7'	Oph
NGC 6287	Globular cluster	9.4	2.7'	Oph
NGC 6293	Globular cluster	8.2	3.5'	Oph
NGC 6309	Planetary nebula	10.8	16.0"	Oph
NGC 6316	Globular cluster	8.4	2.4'	Oph
NGC 6325	Globular cluster	10.3	1.6'	Oph
NGC 6342	Globular cluster	9.7	1.3'	Oph
NGC 6355	Globular cluster	9.1	6.1'	Oph
NGC 6356	Globular cluster	8.3	3.5'	Oph
NGC 6366	Globular cluster	9.2	5.8'	Oph
NGC 6401	Globular cluster	9.5	1.0'	Oph
NGC 6440	Globular cluster	9.2	1.7'	Sgr
NGC 6469	Open cluster	8.2	12.0'	Sgr
NGC 6507	Open cluster	9.6	7.0'	Sgr
NGC 6517	Globular cluster	10.2	1.0'	Oph
NGC 6530	Open cluster	4.6	15.0'	Sgr
NGC 6535	Globular cluster	10.5	1.3'	Ser
NGC 6539	Globular cluster	9.3	3.5'	Ser
NGC 6544	Globular cluster	7.8	8.4'	Sgr
NGC 6546	Open cluster	8.0	13.0'	Sgr
NGC 6553	Globular cluster	8.1	3.2'	Sgr
NGC 6568	Open cluster	8.6	13.0'	Sgr
NGC 6572	Planetary nebula	9.0	8.0"	Oph
NGC 6583	Open cluster	10.0	2.8'	Sgr
NGC 6595	Bright nebula	7.0	11.0'	Sgr
NGC 6604	Open cluster	6.5	2.0'	Ser
NGC 6625	Open cluster	9.0	39.0'	Sct
NGC 6633*	Open cluster	4.6	27.0'	Oph
NGC 6638	Globular cluster	9.0	2.2'	Sgr
NGC 6642	Globular cluster	9.1	48.0"	Sgr
NGC 6649	Open cluster	8.9	6.0'	Sct
NGC 6664	Open cluster	7.8	16.0'	Sct

NGC 6717	Globular cluster	9.3	2.6'	Sgr
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Name	Type	Mag.	Size	Con.
IC 1276	Globular cluster	10.3	7.1'	Ser
IC 4665*	Open cluster	4.2	41.0'	Oph
M 2	Globular cluster	6.5	11.7'	Aqr
M 8*	Bright nebula	5.0	45.0'x30.0'	Sgr
M 9	Globular cluster	7.7	5.5'	Oph
M 11*	Open cluster	5.8	14.0'	Sct
M 14	Globular cluster	7.6	6.7'	Oph
M 15*	Globular cluster	6.2	12.3'	Peg
M 16	Open cluster	6.0	7.0'	Ser
M 17	Bright nebula	6.0	11.0'	Sgr
M 18	Open cluster	6.9	9.0'	Sgr
M 20*	Bright nebula	6.3	28.0'	Sgr
M 21	Open cluster	5.9	13.0'	Sgr
M 22*	Globular cluster	5.1	17.0'	Sgr
M 23*	Open cluster	5.5	27.0'	Sgr
M 25*	Open cluster	4.6	29.0'	Sgr
M 26	Open cluster	8.0	15.0'	Sct
M 27*	Planetary nebula	7.6	5.8'	Vul
M 28	Globular cluster	6.8	15.0'	Sgr
M 30	Globular cluster	7.2	8.9'	Cap
M 71	Globular cluster	8.2	6.1'	Sge
M 73	Open cluster	8.9	2.8'	Aqr
M 75	Globular cluster	8.5	4.6'	Sgr
NGC 6284	Globular cluster	8.8	2.7'	Oph
NGC 6287	Globular cluster	9.4	2.7'	Oph
NGC 6309	Planetary nebula	10.8	16.0"	Oph
NGC 6325	Globular cluster	10.3	1.6'	Oph
NGC 6342	Globular cluster	9.7	1.3'	Oph
NGC 6355	Globular cluster	9.1	6.1'	Oph
NGC 6356	Globular cluster	8.3	3.5'	Oph
NGC 6366	Globular cluster	9.2	5.8'	Oph
NGC 6401	Globular cluster	9.5	1.0'	Oph
NGC 6440	Globular cluster	9.2	1.7'	Sgr

NGC 6469	Open cluster	8.2	12.0'	Sgr
NGC 6507	Open cluster	9.6	7.0'	Sgr
NGC 6517	Globular cluster	10.2	1.0'	Oph
NGC 6530	Open cluster	4.6	15.0'	Sgr
NGC 6535	Globular cluster	10.5	1.3'	Ser
NGC 6539	Globular cluster	9.3	3.5'	Ser
NGC 6540	Globular cluster	9.3	48.0"	Sgr
NGC 6544	Globular cluster	7.8	8.4'	Sgr
NGC 6546	Open cluster	8.0	13.0'	Sgr
NGC 6553	Globular cluster	8.1	3.2'	Sgr
NGC 6568	Open cluster	8.6	13.0'	Sgr
NGC 6572	Planetary nebula	9.0	8.0"	Oph
NGC 6583	Open cluster	10.0	2.8'	Sgr
NGC 6595	Bright nebula	7.0	11.0'	Sgr
NGC 6604	Open cluster	6.5	2.0'	Ser
NGC 6625	Open cluster	9.0	39.0'	Sct
NGC 6633*	Open cluster	4.6	27.0'	Oph
NGC 6638	Globular cluster	9.0	2.2'	Sgr
NGC 6642	Globular cluster	9.1	48.0"	Sgr
NGC 6645	Open cluster	8.5	10.0'	Sgr
NGC 6649	Open cluster	8.9	6.0'	Sct
NGC 6664	Open cluster	7.8	16.0'	Sct
NGC 6704	Open cluster	9.2	6.0'	Sct
NGC 6709	Open cluster	6.7	13.0'	Aql
NGC 6716	Open cluster	7.5	7.0'	Sgr
NGC 6717	Globular cluster	9.3	2.6'	Sgr
NGC 6738	Open cluster	8.3	15.0'	Aql
NGC 6741	Planetary nebula	10.8	6.0"	Aql
NGC 6755	Open cluster	7.5	15.0'	Aql
NGC 6756	Open cluster	10.6	4.0'	Aql
NGC 6760	Globular cluster	8.9	2.4'	Aql
NGC 6790	Planetary nebula	10.2	7.0"	Aql
NGC 6802	Open cluster	8.8	3.2'	Vul
NGC 6818	Planetary nebula	9.9	17.0"	Sgr

NGC 6822 ^{C57}	Galaxy	9.3	15.4'x14.2'	Sgr
NGC 6823	Open cluster	7.1	12.0'	Vul
NGC 6830	Open cluster	7.9	12.0'	Vul
NGC 6834	Open cluster	7.8	5.0'	Cyg
NGC 6885 ^{C37}	Open cluster	5.7	7.0'	Vul
NGC 6934 ^{C47}	Globular cluster	8.8	6.2'	Del
NGC 6940	Open cluster	6.3	31.0'	Vul
NGC 7006 ^{C42}	Globular cluster	10.6	2.2'	Del
NGC 7009 ^{C55}	Planetary nebula	8.3	25.0"	Aqr
NGC 7293 ^{C63}	Planetary nebula	6.5	12.8'	Aqr

Name	Type	Mag.	Size	Con.
M 30	Globular cluster	7.2	8.9'	Cap
NGC 55 ^{C72}	Galaxy	8.4	31.2'x5.9'	Scl
NGC 104 ^{C106}	Globular cluster	4.0	30.0'	Tuc
NGC 121	Open cluster	10.6	1.5'	Tuc
NGC 247 ^{C62}	Galaxy	9.6	21.0'x5.6'	Cet
NGC 253 ^{C65}	Galaxy	8.0	26.4'x6.0'	Scl
NGC 288	Globular cluster	8.1	12.4'	Scl
NGC 292*	Galaxy	2.8	319.1'x205.1'	Tuc
NGC 300 ^{C70}	Galaxy	8.8	19.3'x13.3'	Scl
NGC 330	Open cluster	9.0	2.0'	Tuc
NGC 346	Open cluster	10.0	5.2'	Tuc
NGC 362 ^{C104}	Globular cluster	6.4	12.9'	Tuc
NGC 419	Open cluster	10.0	2.6'	Tuc
NGC 613	Galaxy	10.7	5.2'x4.3'	Scl
NGC 908	Galaxy	10.9	6.1'x2.7'	Cet
NGC 1097 ⁶⁷	Galaxy	10.3	9.4'x6.6'	For
NGC 1261 ^{C87}	Globular cluster	8.3	6.9'	Hor
NGC 1269	Galaxy	9.4	9.7'x8.4'	Eri
NGC 1313	Galaxy	9.8	9.2'x7.2'	Ret
NGC 1316	Galaxy	9.4	11.2'x7.7'	For
NGC 1365	Galaxy	10.3	11.0'x6.2'	For
NGC 1380	Galaxy	10.9	4.8'x2.9'	For
NGC 1399	Galaxy	10.4	6.6'x6.1'	For
NGC 1433	Galaxy	10.7	6.1'x5.7'	Hor
NGC 1549	Galaxy	10.6	4.4'x3.6'	Dor
NGC 1553	Galaxy	10.0	5.0'x3.0'	Dor
NGC 1566	Galaxy	10.2	8.2'x6.5'	Dor
NGC 1672	Galaxy	10.5	6.7'x5.6'	Dor
NGC 6752 ^{C93}	Globular cluster	5.4	20.4'	Pav
NGC 7293 ^{C63}	Planetary nebula	6.5	12.8'	Aqr
NGC 7424	Galaxy	10.9	10.0'x8.2'	Gru
NGC 7793	Galaxy	9.7	9.6'x6.4'	Scl

Name	Type	Mag.	Size	Con.
IC 2391 ^{C85}	Open cluster	2.5	60.0'	Vel
IC 2395	Open cluster	4.6	17.0'	Vel
IC 2488	Open cluster	7.4	18.0'	Vel
IC 2581	Open cluster	4.3	5.0'	Car
IC 2602 ^{C102}	Open cluster	1.9	100.0'	Car
M 41*	Open cluster	4.5	38.0'	CMa
M 79	Globular cluster	7.7	7.8'	Lep
M 93*	Open cluster	6.2	22.0'	Pup
NGC 1097 ^{C67}	Galaxy	10.3	9.4'x6.6'	For
NGC 1232	Galaxy	10.5	7.1'x6.3'	Eri
NGC 1261 ^{C87}	Globular cluster	8.3	6.9'	Hor
NGC 1269	Galaxy	9.4	9.7'x8.4'	Eri
NGC 1313	Galaxy	9.8	9.2'x7.2'	Ret
NGC 1316	Galaxy	9.4	11.2'x7.7'	For
NGC 1365	Galaxy	10.3	11.0'x6.2'	For
NGC 1380	Galaxy	10.9	4.8'x2.9'	For
NGC 1395	Galaxy	10.8	5.6'x4.6'	Eri
NGC 1398	Galaxy	10.6	7.2'x5.2'	For
NGC 1399	Galaxy	10.4	6.6'x6.1'	For
NGC 1407	Galaxy	10.7	4.9'x4.5'	Eri
NGC 1433	Galaxy	10.7	6.1'x5.7'	Hor
NGC 1532	Galaxy	10.6	11.6'x3.4'	Eri
NGC 1549	Galaxy	10.6	4.4'x3.6'	Dor
NGC 1553	Galaxy	10.0	5.0'x3.0'	Dor
NGC 1566	Galaxy	10.2	8.2'x6.5'	Dor
NGC 1672	Galaxy	10.5	6.7'x5.6'	Dor
NGC 1755	Open cluster	9.0	2.0'	Dor
NGC 1786	Open cluster	10.1	1.2'	Dor
NGC 1792	Galaxy	10.8	5.6'x2.9'	Col
NGC 1808	Galaxy	10.8	6.3'x4.3'	Col
NGC 1818	Open cluster	9.0	2.5'	Dor
NGC 1835	Open cluster	9.8	1.2'	Dor
NGC 1850	Open cluster	9.0	3.0'	Dor

NGC 1851 ^{C73}	Globular cluster	7.1	11.0'	Col
NGC 1854	Globular cluster	10.4	2.3'	Dor
NGC 1866	Open cluster	9.0	5.0'	Dor
NGC 1966	Open cluster	8.5	13.0'	Dor
NGC 1974	Open cluster	9.0	9.0'	Dor
NGC 1978	Open cluster	9.0	42.0'x19.0'	Dor
NGC 2070 ^{C103}	Bright nebula	5.0	40.0'	Dor
NGC 2210	Open cluster	10.2	1.7'	Dor
NGC 2298	Globular cluster	9.3	6.8'	Pup
NGC 2354	Open cluster	6.5	20.0'	CMa
NGC 2362 ^{C64}	Open cluster	4.1	8.0'	CMa
NGC 2367	Open cluster	7.9	3.5'	CMa
NGC 2383	Open cluster	8.4	6.0'	CMa
NGC 2384	Open cluster	7.4	2.5'	CMa
NGC 2409	Open cluster	8.0	2.5'	Pup
NGC 2421	Open cluster	8.3	10.0'	Pup
NGC 2432	Open cluster	10.2	8.0'	Pup
NGC 2439	Open cluster	6.0	9.0'	Pup
NGC 2440	Planetary nebula	10.8	14.0"	Pup
NGC 2451*	Open cluster	3.5	50.0'	Pup
NGC 2453	Open cluster	8.3	5.0'	Pup
NGC 2455	Open cluster	10.2	8.0'	Pup
NGC 2467	Open cluster	7.1	16.0'	Pup
NGC 2477 ⁷¹	Open cluster	5.0	20.0'	Pup
NGC 2479	Open cluster	9.6	7.0'	Pup
NGC 2482	Open cluster	7.3	12.0'	Pup
NGC 2483	Open cluster	7.6	10.0'	Pup
NGC 2489	Open cluster	7.0	5.0'	Pup
NGC 2509	Open cluster	9.3	8.0'	Pup
NGC 2516 ^{C96}	Open cluster	3.0	21.0'	Car
NGC 2520	Open cluster	6.5	22.0'	Pup
NGC 2533	Open cluster	7.6	3.5'	Pup
NGC 2546*	Open cluster	6.0	70.0'	Pup
NGC 2567	Open cluster	7.0	11.0'	Pup

NGC 2571	Open cluster	7.0	13.0'	Pup
NGC 2579	Open cluster	7.0	7.0'	Pup
NGC 2580	Open cluster	10.0	7.0'	Pup
NGC 2587	Open cluster	9.2	9.0'	Pup
NGC 2627	Open cluster	8.4	11.0'	Pyx
NGC 2658	Open cluster	9.0	10.0'	Pyx
NGC 2659	Open cluster	8.0	14.0'	Vel
NGC 2660	Open cluster	8.0	3.0'	Vel
NGC 2669	Open cluster	6.0	20.0'	Vel
NGC 2670	Open cluster	7.0	6.0'	Vel
NGC 2808	Globular cluster	6.2	13.8'	Car
NGC 2866	Open cluster	10.0	1.5'	Vel
NGC 2867 ^{C90}	Planetary nebula	10.0	12.0"	Car
NGC 2899	Planetary nebula	10.0	2.0'x1.0'	Vel
NGC 2910	Open cluster	7.0	5.0'	Vel
NGC 2925	Open cluster	8.0	14.0'	Vel
NGC 2972	Open cluster	9.0	5.0'	Vel
NGC 3033	Open cluster	8.0	12.0'	Vel
NGC 3105	Open cluster	9.0	2.0'	Vel
NGC 3132 ^{C74}	Planetary nebula	8.0	48.0"	Vel
NGC 3201 ^{C79}	Globular cluster	6.8	18.2'	Vel
NGC 3228	Open cluster	6.0	5.0'	Vel
NGC 3247	Open cluster	7.0	5.0'	Car
NGC 3293*	Open cluster	4.0	40.0'	Car
NGC 3324	Open cluster	6.0	16.0'	Car
NGC 3330	Open cluster	7.0	5.0'	Vel
NGC 3372 ^{C92}	Bright nebula	3.0	120.0'	Car
NGC 3496	Open cluster	8.0	6.0'	Car
NGC 3532 ^{C91}	Open cluster	3.0	50.0'	Car

Name	Type	Mag.	Size	Con.
IC 2391 ^{C85}	Open cluster	2.5	60.0'	Vel
IC 2395	Open cluster	4.6	17.0'	Vel
IC 2488	Open cluster	7.4	18.0'	Vel
IC 2581	Open cluster	4.3	5.0'	Car
IC 2714	Open cluster	8.2	14.0'	Car
IC 2944 ^{C100}	Bright nebula	4.5	35.0'	Cen
IC 4406	Planetary nebula	10.6	28.0"	Lup
IC 4651	Open cluster	6.9	10.0'	Ara
M 68	Globular cluster	7.8	9.8'	Hya
M 83	Galaxy	8.0	13.1'x12.2'	Hya
NGC 2516 ^{C96}	Open cluster	3.0	21.0'	Car
NGC 2546	Open cluster	6.0	70.0'	Pup
NGC 2547	Open cluster	4.0	25.0'	Vel
NGC 2579	Open cluster	7.0	7.0'	Pup
NGC 2627	Open cluster	8.4	11.0'	Pyx
NGC 2658	Open cluster	9.0	10.0'	Pyx
NGC 2659	Open cluster	8.0	14.0'	Vel
NGC 2660	Open cluster	8.0	3.0'	Vel
NGC 2669	Open cluster	6.0	20.0'	Vel
NGC 2670	Open cluster	7.0	6.0'	Vel
NGC 2808	Globular cluster	6.2	13.8'	Car
NGC 2866	Open cluster	10.0	1.5'	Vel
NGC 2867 ^{C90}	Planetary nebula	10.0	12.0"	Car
NGC 2899	Planetary nebula	10.0	2.0'x1.0'	Vel
NGC 2910	Open cluster	7.0	5.0'	Vel
NGC 2925	Open cluster	8.0	14.0'	Vel
NGC 2972	Open cluster	9.0	5.0'	Vel
NGC 2997	Galaxy	10.1	9.2'x6.6'	Ant
NGC 3033	Open cluster	8.0	12.0'	Vel
NGC 3105	Open cluster	9.0	2.0'	Vel
NGC 3109	Galaxy	10.4	19.7'x3.4'	Hya
NGC 3132 ^{C74}	Planetary nebula	8.0	48.0"	Vel
NGC 3201 ^{C79}	Globular cluster	6.8	18.2'	Vel
NGC 3242 ^{C59}	Planetary nebula	8.6	16.0"	Hya
NGC 3247	Open cluster	7.0	5.0'	Car
NGC 3293*	Open cluster	4.0	40.0'	Car

NGC 3324	Open cluster	6.0	16.0'	Car
NGC 3330	Open cluster	7.0	5.0'	Vel
NGC 3372 ^{C92}	Bright nebula	3.0	120.0'	Car
NGC 3496	Open cluster	8.0	6.0'	Car
NGC 3532 ^{C91}	Open cluster	3.0	50.0'	Car
NGC 3572	Open cluster	6.0	6.0'	Car
NGC 3585	Galaxy	10.9	5.2'x3.1'	Hya
NGC 3590	Open cluster	8.0	2.0'	Car
NGC 3603	Open cluster	9.0	4.0'	Car
NGC 3621	Galaxy	10.1	12.4'x5.7'	Hya
NGC 3680	Open cluster	7.0	6.0'	Cen
NGC 3766 ^{C97}	Open cluster	5.0	14.0'	Cen
NGC 3918	Planetary nebula	8.0	12.0"	Cen
NGC 3923	Galaxy	10.6	6.6'x4.5'	Hya
NGC 3960	Open cluster	8.0	6.0'	Cen
NGC 4052	Open cluster	9.0	10.0'	Cru
NGC 4103	Open cluster	7.0	5.0'	Cru
NGC 4230	Open cluster	9.0	5.0'	Cen
NGC 4337	Open cluster	8.0	4.0'	Cru
NGC 4349	Open cluster	7.0	4.0'	Cru
NGC 4372 ^{C108}	Globular cluster	7.2	18.6'	Mus
NGC 4439	Open cluster	8.0	4.0'	Cru
NGC 4463	Open cluster	7.0	5.0'	Mus
NGC 4609 ^{C98}	Open cluster	6.0	5.0'	Cru
NGC 4755 ^{C94}	Open cluster	4.0	10.0'	Cru
NGC 4815	Open cluster	8.0	5.0'	Mus
NGC 4833 ^{C105}	Globular cluster	6.9	13.5'	Mus
NGC 4852	Open cluster	9.0	12.0'	Cen
NGC 4945 ^{C83}	Galaxy	9.3	19.8'x4.0'	Cen
NGC 5068	Galaxy	10.5	7.3'x6.4'	Vir
NGC 5102	Galaxy	10.5	8.6'x2.7'	Cen
NGC 5128 ^{C77}	Galaxy	7.6	27.6'x20.5'	Cen
NGC 5138	Open cluster	7.0	7.0'	Cen
NGC 5139 ^{C80}	Globular cluster	3.7	36.3'	Cen
NGC 5168	Open cluster	9.0	4.0'	Cen
NGC 5247	Galaxy	10.7	5.4'x4.9'	Vir
NGC 5281	Open cluster	5.0	7.0'	Cen

NGC 5284	Open cluster	10.0	3.0'	Cen
NGC 5286 ^{C84}	Globular cluster	7.3	9.1'	Cen
NGC 5316	Open cluster	6.0	14.0'	Cen
NGC 5460*	Open cluster	5.0	35.0'	Cen
NGC 5606	Open cluster	7.0	3.0'	Cen
NGC 5617	Open cluster	6.0	10.0'	Cen
NGC 5662*	Open cluster	7.5	29.0'	Cen
NGC 5694 ⁶⁶	Globular cluster	10.2	2.2'	Hya
NGC 5715	Open cluster	10.0	6.0'	Cir
NGC 5749	Open cluster	9.0	10.0'	Lup
NGC 5800	Open cluster	8.0	5.0'	Lup
NGC 5822*	Open cluster	7.0	35.0'	Lup
NGC 5823 ^{C88}	Open cluster	7.0	12.0'	Cir
NGC 5824	Globular cluster	9.1	6.2'	Lup
NGC 5925	Open cluster	8.0	20.0'	Nor
NGC 5927	Globular cluster	8.0	12.0'	Lup
NGC 5946	Globular cluster	9.6	7.1'	Nor
NGC 5986	Globular cluster	7.5	9.8'	Lup
NGC 5999	Open cluster	9.0	3.0'	Nor
NGC 6005	Open cluster	10.0	5.0'	Nor
NGC 6025 ^{C95}	Open cluster	5.0	14.0'	TrA
NGC 6031	Open cluster	8.0	3.0'	Nor
NGC 6067	Open cluster	5.0	14.0'	Nor
NGC 6087 ^{C89}	Open cluster	5.0	14.0'	Nor
NGC 6134	Open cluster	7.0	7.0'	Nor
NGC 6152	Open cluster	8.0	25.0'	Nor
NGC 6167	Open cluster	6.0	8.0'	Nor
NGC 6178	Open cluster	7.0	5.0'	Sco
NGC 6193 ^{C82}	Open cluster	5.0	15.0'	Ara
NGC 6200	Open cluster	7.0	14.0'	Ara
NGC 6204	Open cluster	8.0	5.0'	Ara
NGC 6208	Open cluster	7.0	18.0'	Ara
NGC 6221	Galaxy	10.8	3.9'x2.7'	Ara
NGC 6253	Open cluster	10.0	4.0'	Ara

Name	Type	Mag.	Size	Con.
IC 4406	Planetary nebula	10.6	28.0"	Lup
IC 4606	Bright nebula	10.0	60.0'x40.0'	Sco
IC 4651	Open cluster	6.9	10.0'	Ara
M 4*	Globular cluster	5.6	22.8'	Sco
M 6*	Open cluster	4.0	20.0'	Sco
M 7*	Open cluster	3.0	80.0'	Sco
M 8*	Bright nebula	5.0	45.0'x30.0'	Sgr
M 19	Globular cluster	6.8	5.3'	Oph
M 20*	Bright nebula	6.3	28.0'	Sgr
M 21	Open cluster	5.9	13.0'	Sgr
M 22*	Globular cluster	5.1	17.0'	Sgr
M 28	Globular cluster	6.8	15.0'	Sgr
M 54	Globular cluster	7.6	9.1'	Sgr
M 55*	Globular cluster	6.3	19.1'	Sgr
M 62	Globular cluster	6.5	14.1'	Oph
M 69	Globular cluster	7.6	7.1'	Sgr
M 70	Globular cluster	7.9	7.8'	Sgr
M 75	Globular cluster	8.5	4.6'	Sgr
M 80	Globular cluster	7.3	5.1'	Sco
NGC 4852	Open cluster	9.0	12.0'	Cen
NGC 4945 ^{C83}	Galaxy	9.3	19.8'x4.0'	Cen
NGC 5138	Open cluster	7.0	7.0'	Cen
NGC 5139 ^{C80}	Globular cluster	3.7	36.3'	Cen
NGC 5168	Open cluster	9.0	4.0'	Cen
NGC 5284	Open cluster	10.0	3.0'	Cen
NGC 5286 ^{C84}	Globular cluster	7.3	9.1'	Cen
NGC 5460*	Open cluster	5.0	35.0'	Cen
NGC 5606	Open cluster	7.0	3.0'	Cen
NGC 5617	Open cluster	6.0	10.0'	Cen
NGC 5643	Galaxy	10.9	4.7'x4.2'	Lup
NGC 5662*	Open cluster	7.5	29.0'	Cen
NGC 5715	Open cluster	10.0	6.0'	Cir
NGC 5749	Open cluster	9.0	10.0'	Lup
NGC 5800	Open cluster	8.0	5.0'	Lup
NGC 5822	Open cluster	7.0	35.0'	Lup
NGC 5823 ^{C88}	Open cluster	7.0	12.0'	Cir
NGC 5824	Globular cluster	9.1	6.2'	Lup
NGC 5882	Planetary nebula	10.5	10.0"	Lup
NGC 5897	Globular cluster	8.5	8.7'	Lib

NGC 5927	Globular cluster	8.0	12.0'	Lup
NGC 5946	Globular cluster	9.6	7.1'	Nor
NGC 5986	Globular cluster	7.5	9.8'	Lup
NGC 5999	Open cluster	9.0	3.0'	Nor
NGC 6005	Open cluster	10.0	5.0'	Nor
NGC 6025 ^{C95}	Open cluster	5.0	14.0'	TrA
NGC 6031	Open cluster	8.0	3.0'	Nor
NGC 6067	Open cluster	5.0	14.0'	Nor
NGC 6087 ^{C89}	Open cluster	5.0	14.0'	Nor
NGC 6101 ^{C107}	Globular cluster	9.2	10.7'	Aps
NGC 6124 ^{C75}	Open cluster	5.0	39.0'	Sco
NGC 6134	Open cluster	7.0	7.0'	Nor
NGC 6139	Globular cluster	9.0	5.5'	Sco
NGC 6144	Globular cluster	9.0	6.2'	Sco
NGC 6152	Open cluster	8.0	25.0'	Nor
NGC 6167	Open cluster	6.0	8.0'	Nor
NGC 6169	Open cluster	7.0	12.0'	Nor
NGC 6178	Open cluster	7.0	5.0'	Sco
NGC 6192	Open cluster	9.0	9.0'	Sco
NGC 6193 ^{C82}	Open cluster	5.0	15.0'	Ara
NGC 6200	Open cluster	7.0	14.0'	Ara
NGC 6204	Open cluster	8.0	5.0'	Ara
NGC 6208	Open cluster	7.0	18.0'	Ara
NGC 6216	Open cluster	10.0	4.0'	Sco
NGC 6221	Galaxy	10.8	3.9'x2.7'	Ara
NGC 6231 ^{C76}	Open cluster	2.0	15.0'	Sco
NGC 6235	Globular cluster	10.0	1.9'	Oph
NGC 6242	Open cluster	6.0	9.0'	Sco
NGC 6249	Open cluster	8.0	5.0'	Sco
NGC 6250	Open cluster	5.0	10.0'	Ara
NGC 6253	Open cluster	10.0	4.0'	Ara
NGC 6259	Open cluster	8.0	14.0'	Sco
NGC 6268	Open cluster	10.0	6.0'	Sco
NGC 6281*	Open cluster	5.0	200.0'x150.0'	Sco
NGC 6284	Globular cluster	8.8	2.7'	Oph
NGC 6287	Globular cluster	9.4	2.7'	Oph
NGC 6293	Globular cluster	8.2	3.5'	Oph
NGC 6300	Galaxy	10.9	4.7'x2.9'	Ara
NGC 6304	Globular cluster	8.2	3.8'	Oph
NGC 6316	Globular cluster	8.4	2.4'	Oph

NGC 6322	Open cluster	6.0	5.0'	Sco
NGC 6325	Globular cluster	10.3	1.6'	Oph
NGC 6342	Globular cluster	9.7	1.3'	Oph
NGC 6355	Globular cluster	9.1	6.1'	Oph
NGC 6362	Globular cluster	7.7	10.7'	Ara
NGC 6374	Open cluster	5.0	20.0'	Sco
NGC 6388	Globular cluster	6.7	8.7'	Sco
NGC 6396	Open cluster	8.0	3.0'	Sco
NGC 6397 ^{C86}	Globular cluster	5.7	25.0'	Ara
NGC 6401	Globular cluster	9.5	1.0'	Oph
NGC 6416	Open cluster	5.0	14.0'	Sco
NGC 6425	Open cluster	7.0	10.0'	Sco
NGC 6440	Globular cluster	9.2	1.7'	Sgr
NGC 6441	Globular cluster	7.2	7.8'	Sco
NGC 6451	Open cluster	8.0	7.0'	Sco
NGC 6469	Open cluster	8.2	12.0'	Sgr
NGC 6496	Globular cluster	8.5	6.9'	Sco
NGC 6520	Open cluster	7.6	6.0'	Sgr
NGC 6522	Globular cluster	8.3	5.6'	Sgr
NGC 6528	Globular cluster	9.6	3.7'	Sgr
NGC 6530	Open cluster	4.6	15.0'	Sgr
NGC 6540	Globular cluster	9.3	48.0"	Sgr
NGC 6541 ^{C78}	Globular cluster	6.3	13.1'	CrA
NGC 6544	Globular cluster	7.8	8.4'	Sgr
NGC 6546	Open cluster	8.0	13.0'	Sgr
NGC 6553	Globular cluster	8.1	3.2'	Sgr
NGC 6568	Open cluster	8.6	13.0'	Sgr
NGC 6569	Globular cluster	8.6	5.8'	Sgr
NGC 6583	Open cluster	10.0	2.8'	Sgr
NGC 6584	Globular cluster	8.3	7.9'	Tel
NGC 6624	Globular cluster	7.9	5.9'	Sgr
NGC 6638	Globular cluster	9.0	2.2'	Sgr
NGC 6652	Globular cluster	8.6	3.5'	Sgr
NGC 6716	Open cluster	7.5	7.0'	Sgr
NGC 6717	Globular cluster	9.3	2.6'	Sgr
NGC 6723	Globular cluster	7.0	11.0'	Sgr
NGC 6744	Galaxy	9.1	20.2'x13.2'	Pav
NGC 6752 ^{C93}	Globular cluster	5.4	20.4'	Pav

Name	Type	Mag.	Size	Con.	Name	Type	Mag.	Size	Con.	Name	Type	Mag.	Size	Con.
IC 2391 ^{C85}	Open cluster	2.5	60.0'	Vel	NGC 2659	Open cluster	8.0	14.0'	Vel	NGC 5662	Open cluster	7.5	29.0'	Cen
IC 2395	Open cluster	4.6	17.0'	Vel	NGC 2660	Open cluster	8.0	3.0'	Vel	NGC 5715	Open cluster	10.0	6.0'	Cir
IC 2488	Open cluster	7.4	18.0'	Vel	NGC 2669	Open cluster	6.0	20.0'	Vel	NGC 5749	Open cluster	9.0	10.0'	Lup
IC 2602 ^{C102}	Open cluster	1.9	100.0'	Car	NGC 2670	Open cluster	7.0	6.0'	Vel	NGC 5800	Open cluster	8.0	5.0'	Lup
IC 2621	Planetary nebula	9.5	5.0"	Car	NGC 2808	Globular cluster	6.2	13.8'	Car	NGC 5822	Open cluster	7.0	35.0'	Lup
IC 2714	Open cluster	8.2	14.0'	Car	NGC 2867 ^{C90}	Planetary nebula	10.0	12.0"	Car	NGC 5823 ^{C88}	Open cluster	7.0	12.0'	Cir
IC 2944 ^{C100}	Bright nebula	4.5	35.0'	Cen	NGC 2899	Planetary nebula	10.0	2.0'x1.0'	Vel	NGC 5882	Planetary nebula	10.5	10.0"	Lup
IC 4499	Globular cluster	10.6	7.6'	Aps	NGC 2910	Open cluster	7.0	5.0'	Vel	NGC 5925	Open cluster	8.0	20.0'	Nor
IC 4651	Open cluster	6.9	10.0'	Ara	NGC 2925	Open cluster	8.0	14.0'	Vel	NGC 5927	Globular cluster	8.0	12.0'	Lup
NGC 104 ^{C106}	Globular cluster	4.0	30.0'	Tuc	NGC 3033	Open cluster	8.0	12.0'	Vel	NGC 5946	Globular cluster	9.6	7.1'	Nor
NGC 121	Open cluster	10.6	1.5'	Tuc	NGC 3195 ^{C109}	Planetary nebula	10.0	48.0"x30.0"	Cha	NGC 5999	Open cluster	9.0	3.0'	Nor
NGC 292*	Galaxy	2.8	319.1'x205.1'	Tuc	NGC 3247	Open cluster	7.0	5.0'	Car	NGC 6005	Open cluster	10.0	5.0'	Nor
NGC 330	Open cluster	9.0	2.0'	Tuc	NGC 3324	Open cluster	6.0	16.0'	Car	NGC 6025 ^{C95}	Open cluster	5.0	14.0'	TrA
NGC 346	Open cluster	10.0	5.2'	Tuc	NGC 3372 ^{C92}	Bright nebula	3.0	120.0'	Car	NGC 6031	Open cluster	8.0	3.0'	Nor
NGC 362 ^{C104}	Globular cluster	6.4	12.9'	Tuc	NGC 3496	Open cluster	8.0	6.0'	Car	NGC 6067	Open cluster	5.0	14.0'	Nor
NGC 419	Open cluster	10.0	2.6'	Tuc	NGC 3572	Open cluster	6.0	6.0'	Car	NGC 6087 ^{C89}	Open cluster	5.0	14.0'	Nor
NGC 1261 ^{C87}	Globular cluster	8.3	6.9'	Hor	NGC 3590	Open cluster	8.0	2.0'	Car	NGC 6101 ^{C107}	Globular cluster	9.2	10.7'	Aps
NGC 1313	Galaxy	9.8	9.2'x7.2'	Ret	NGC 3603	Open cluster	9.0	4.0'	Car	NGC 6134	Open cluster	7.0	7.0'	Nor
NGC 1433	Galaxy	10.7	6.1'x5.7'	Hor	NGC 3766 ^{C97}	Open cluster	5.0	14.0'	Cen	NGC 6152	Open cluster	8.0	25.0'	Nor
NGC 1549	Galaxy	10.6	4.4'x3.6'	Dor	NGC 4052	Open cluster	9.0	10.0'	Cru	NGC 6167	Open cluster	6.0	8.0'	Nor
NGC 1553	Galaxy	10.0	5.0'x3.0'	Dor	NGC 4103	Open cluster	7.0	5.0'	Cru	NGC 6178	Open cluster	7.0	5.0'	Sco
NGC 1566	Galaxy	10.2	8.2'x6.5'	Dor	NGC 4349	Open cluster	7.0	4.0'	Cru	NGC 6193 ^{C82}	Open cluster	5.0	15.0'	Ara
NGC 1672	Galaxy	10.5	6.7'x5.6'	Dor	NGC 4372 ^{C108}	Globular cluster	7.2	18.6'	Mus	NGC 6200	Open cluster	7.0	14.0'	Ara
NGC 1755	Open cluster	9.0	2.0'	Dor	NGC 4439	Open cluster	8.0	4.0'	Cru	NGC 6204	Open cluster	8.0	5.0'	Ara
NGC 1786	Open cluster	10.1	1.2'	Dor	NGC 4463	Open cluster	7.0	5.0'	Mus	NGC 6208	Open cluster	7.0	18.0'	Ara
NGC 1818	Open cluster	9.0	2.5'	Dor	NGC 4609 ^{C98}	Open cluster	6.0	5.0'	Cru	NGC 6221	Galaxy	10.8	3.9'x2.7'	Ara
NGC 1835	Open cluster	9.8	1.2'	Dor	NGC 4755 ^{C94}	Open cluster	4.0	10.0'	Cru	NGC 6253	Open cluster	10.0	4.0'	Ara
NGC 1850	Open cluster	9.0	3.0'	Dor	NGC 4815	Open cluster	8.0	5.0'	Mus	NGC 6300	Galaxy	10.9	4.7'x2.9'	Ara
NGC 1866	Open cluster	9.0	5.0'	Dor	NGC 4833 ^{C105}	Globular cluster	6.9	13.5'	Mus	NGC 6352 ^{C81}	Globular cluster	8.0	7.1'	Ara
NGC 1966	Open cluster	8.5	13.0'	Dor	NGC 4852	Open cluster	9.0	12.0'	Cen	NGC 6362	Globular cluster	7.7	10.7'	Ara
NGC 1974	Open cluster	9.0	9.0'	Dor	NGC 5138	Open cluster	7.0	7.0'	Cen	NGC 6397 ^{C86}	Globular cluster	5.7	25.0'	Ara
NGC 2070 ^{C103}	Bright nebula	5.0	40.0'	Dor	NGC 5168	Open cluster	9.0	4.0'	Cen	NGC 6584	Globular cluster	8.3	7.9'	Tel
NGC 2100	Open cluster	9.0	2.0'	Dor	NGC 5189	Planetary nebula	10.3	2.6'	Mus	NGC 6744 ^{C101}	Galaxy	9.1	20.2'x13.2'	Pav
NGC 2210	Open cluster	10.2	1.7'	Dor	NGC 5284	Open cluster	10.0	3.0'	Cen	NGC 6752 ^{C93}	Globular cluster	5.4	20.4'	Pav
NGC 2516 ^{C96}	Open cluster	3.0	21.0'	Car	NGC 5316	Open cluster	6.0	14.0'	Cen					
NGC 2547	Open cluster	4.0	25.0'	Vel	NGC 5606	Open cluster	7.0	3.0'	Cen					
					NGC 5617	Open cluster	6.0	10.0'	Cen					

Beginner's star atlas

v. 2.0

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