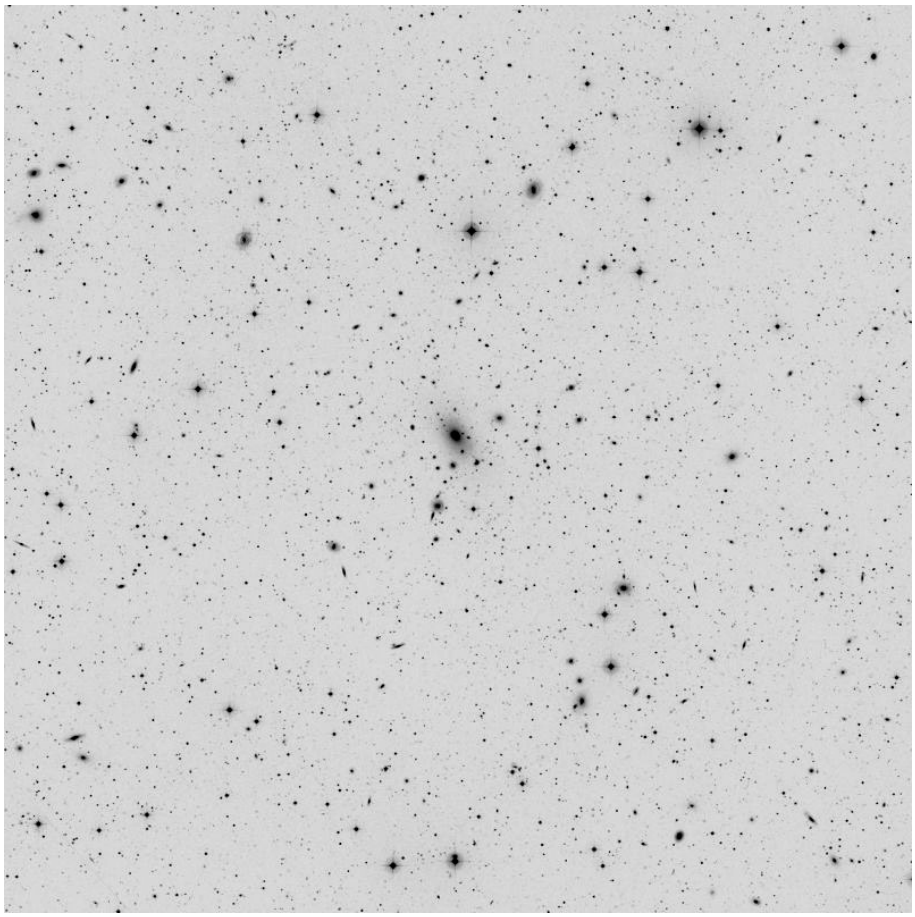
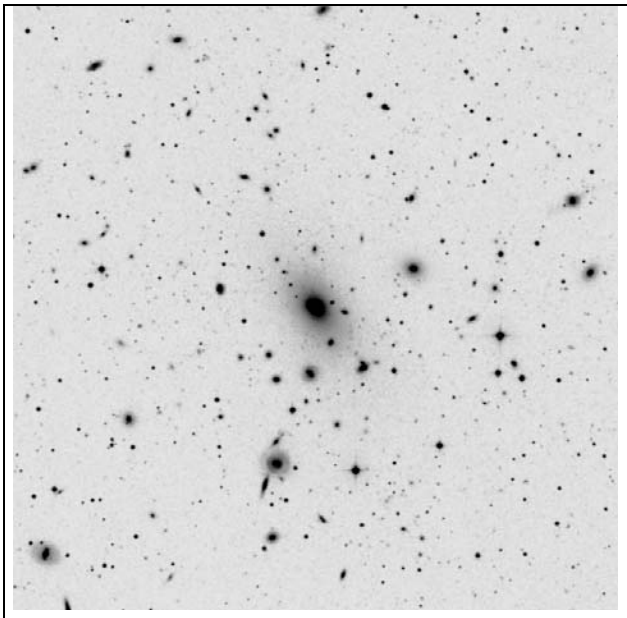
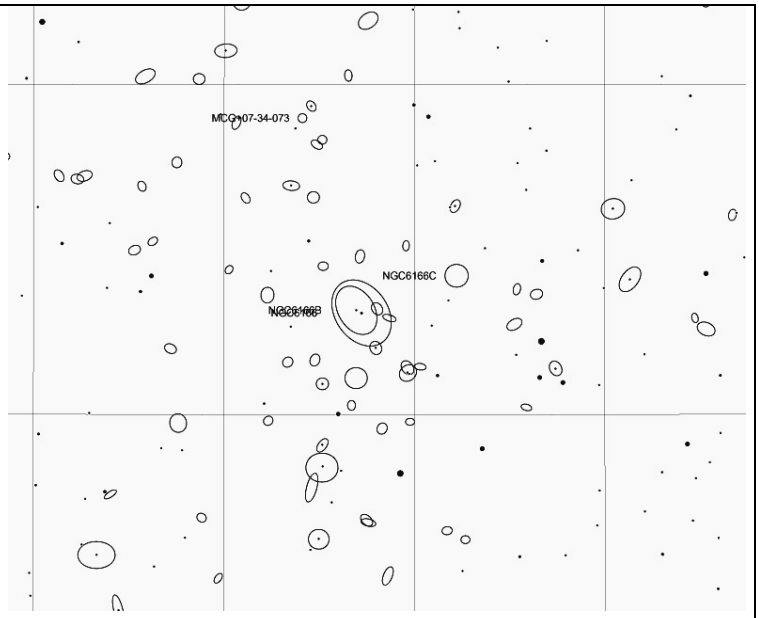
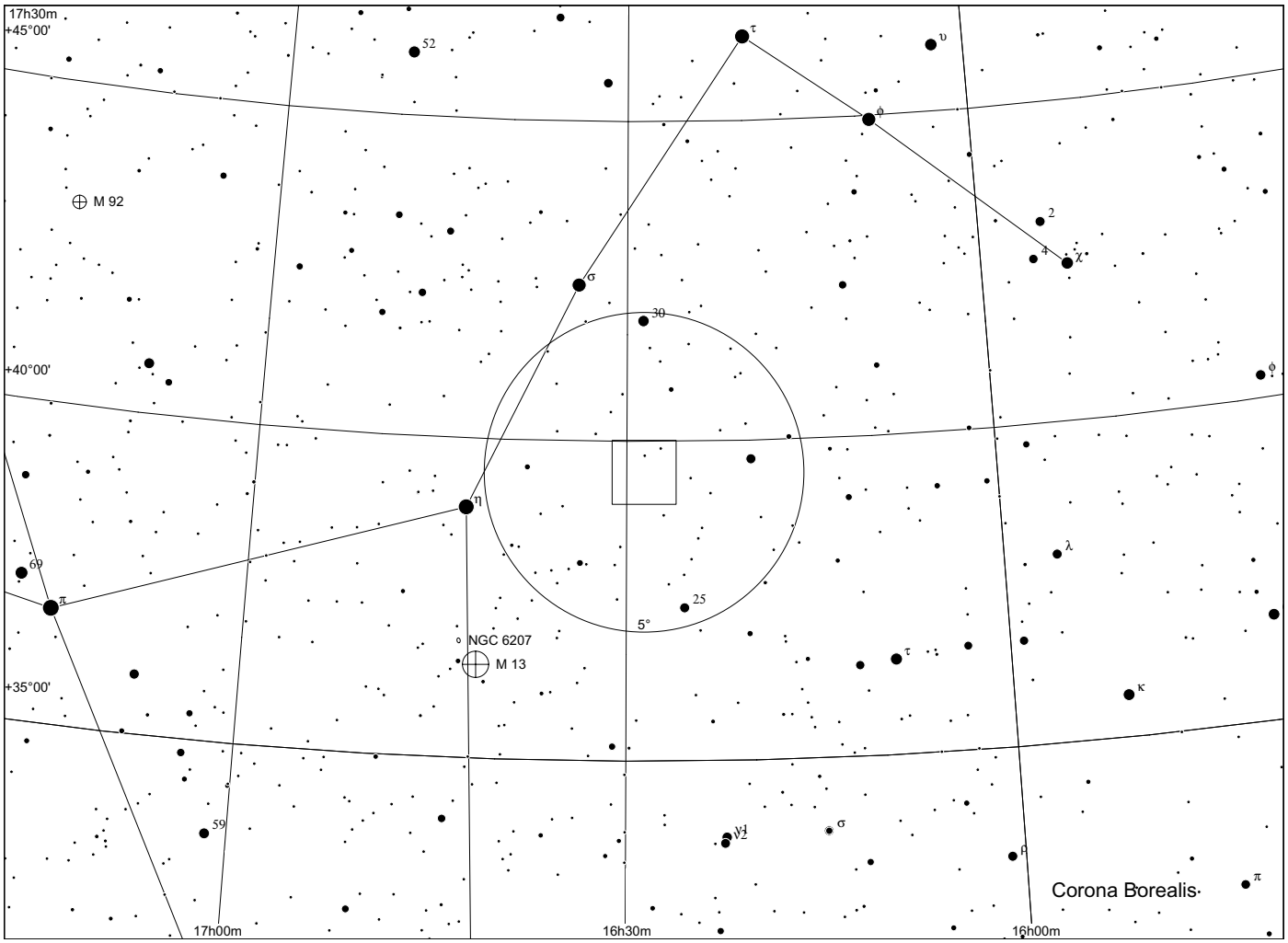
AGC 2199 in Hercules

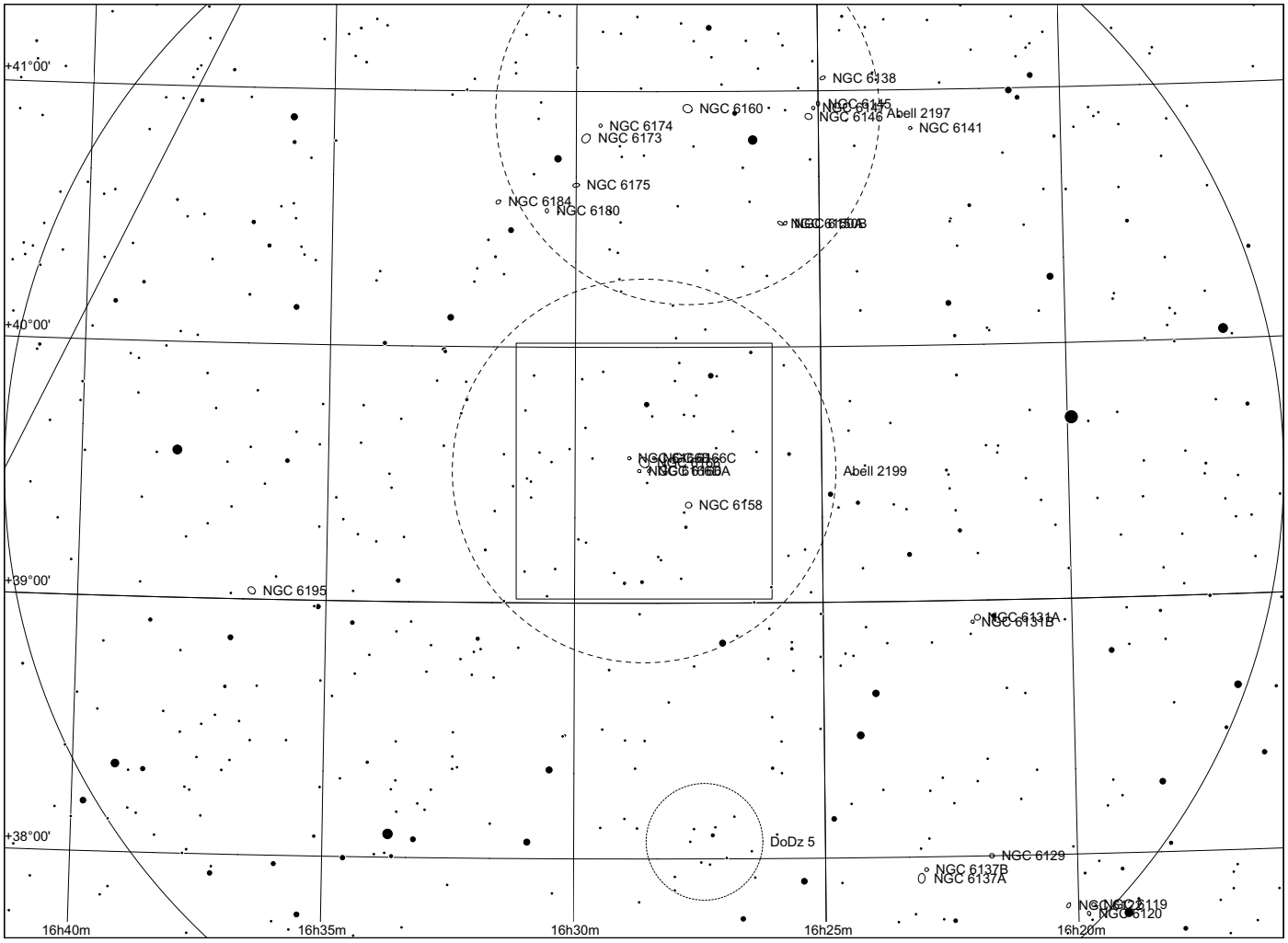




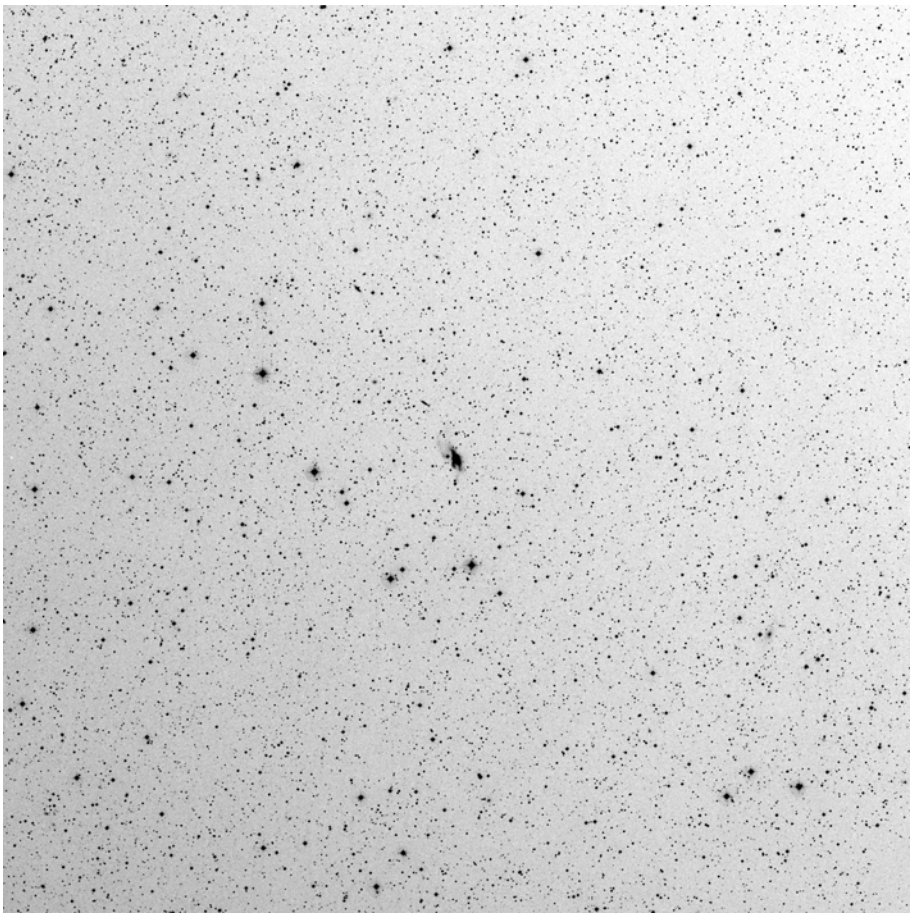


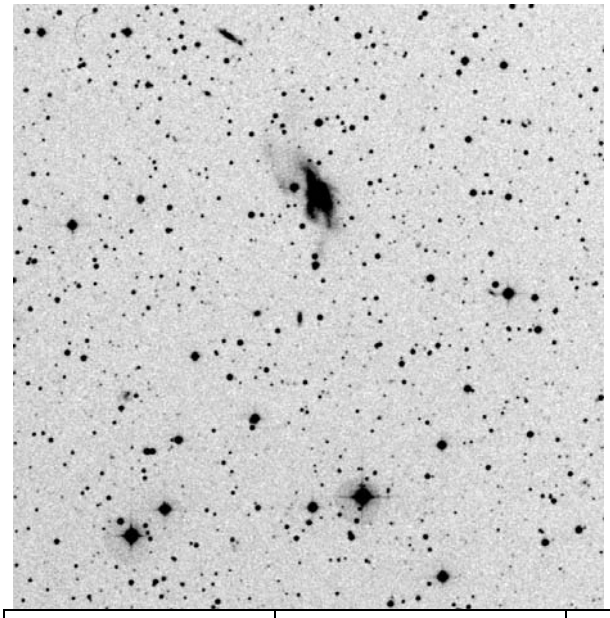
NGC 6166	16 28 38 +39 33 05	

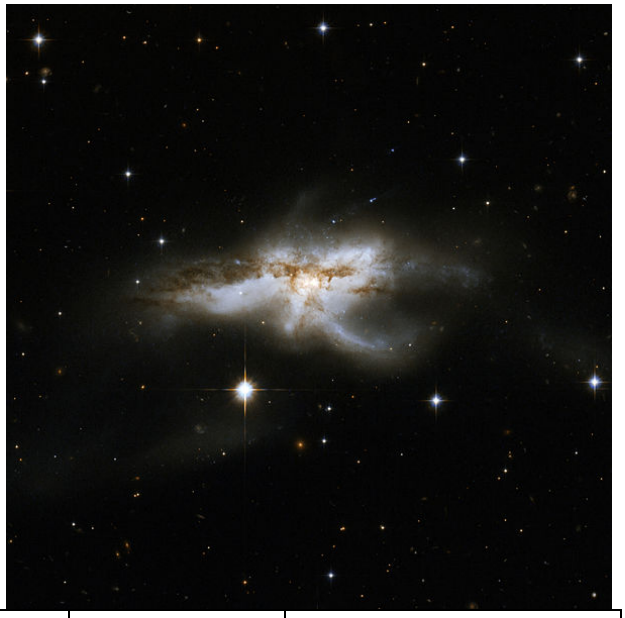

17h30m
+45°00'
+40°00'
+35°00'
17h00m
16h30m
16h00m
M 92
M 13
NGC 6207
5°
Corona Borealis


+41°00'
+40°00'
+39°00'
+38°00'
16h40m
16h35m
16h30m
16h25m
16h20m
NGC 6138
NGC 6160
Abell 2197
NGC 6141
NGC 6174
NGC 6173
NGC 6175
NGC 6184
NGC 6180
Abell 2199
NGC 6158
NGC 6195
DoDz 5
NGC 6129
NGC 6137B
NGC 6137A
NGC 6120

NGC 6240 in Ophiuchus

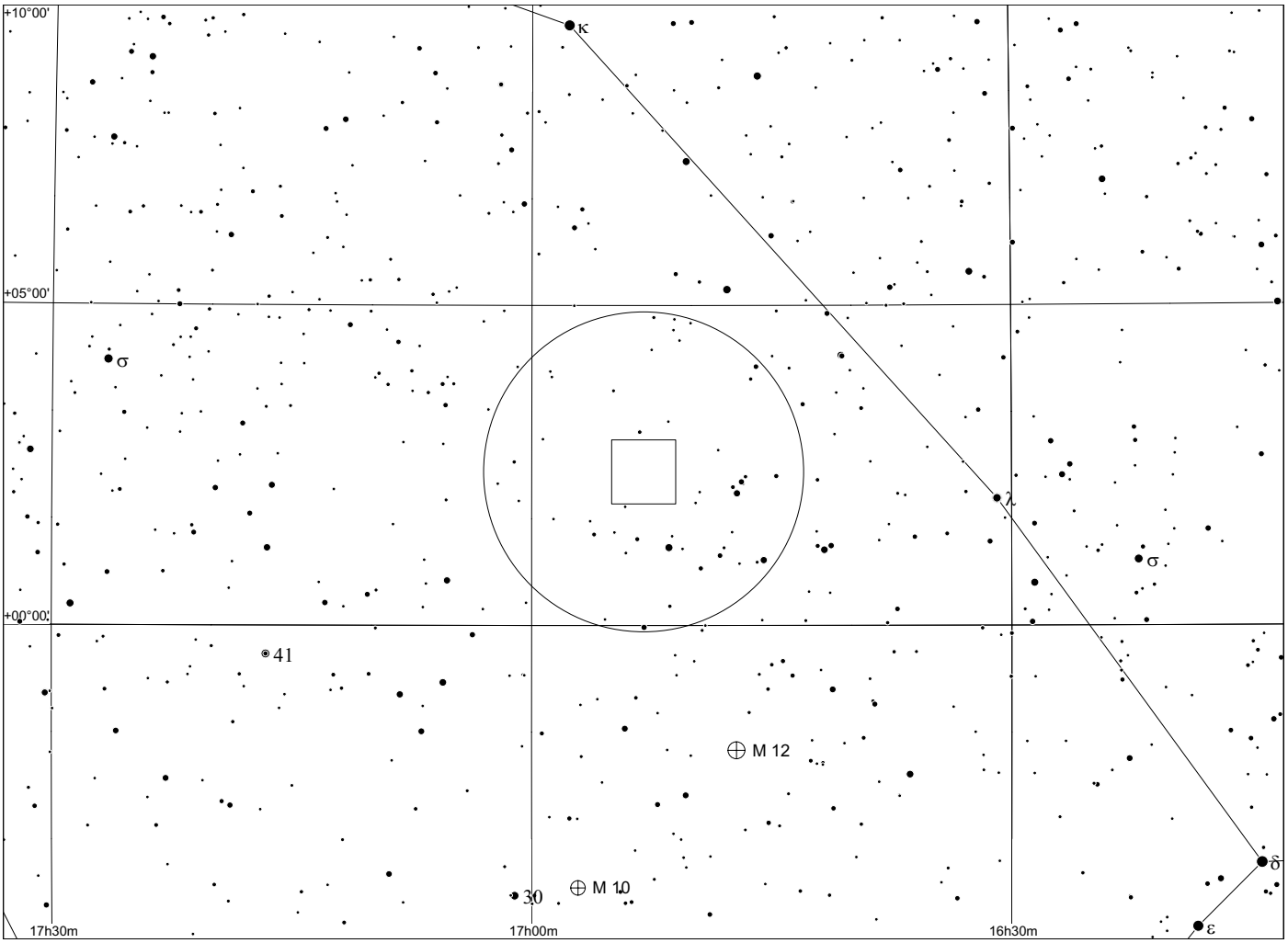


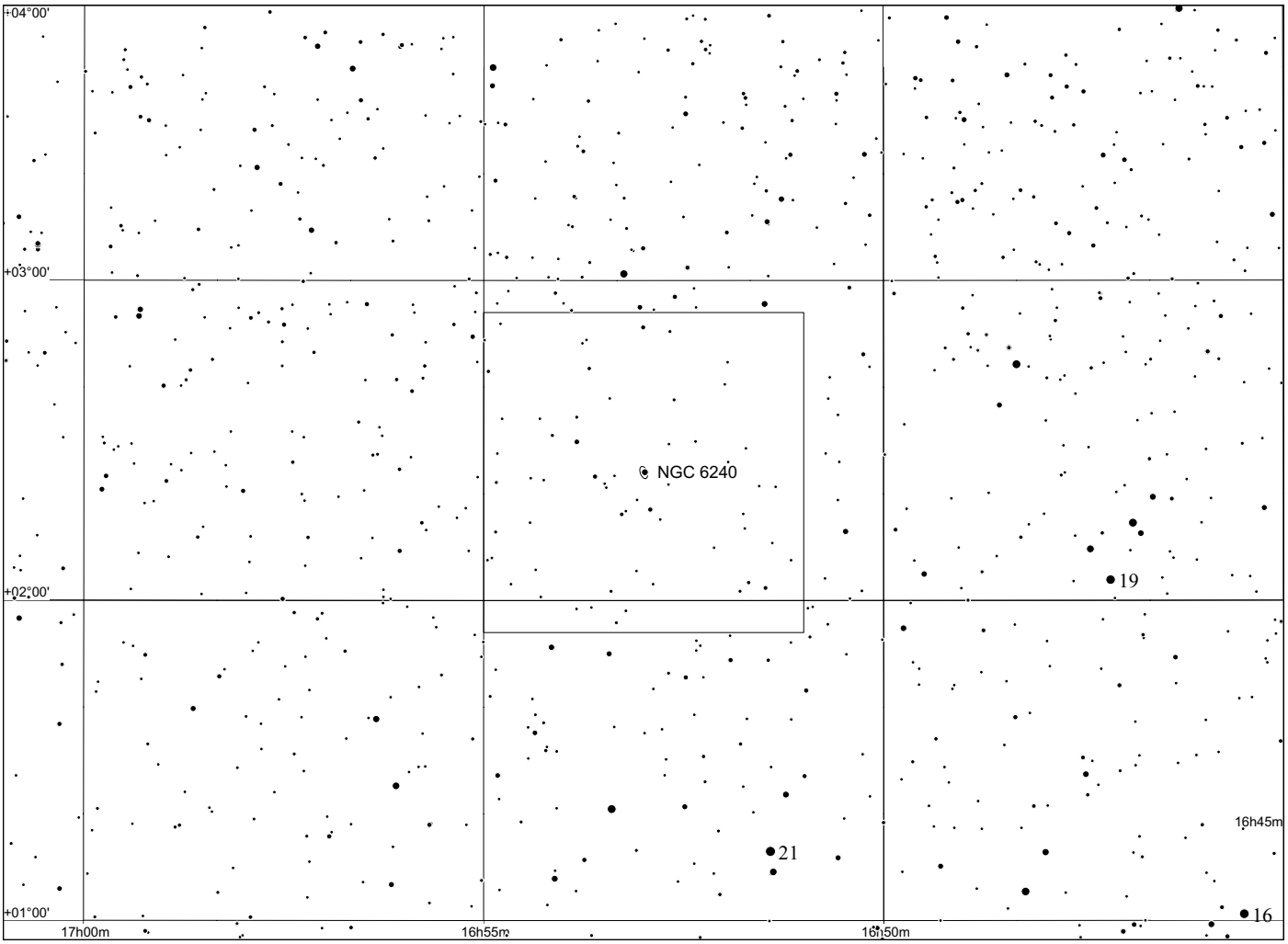




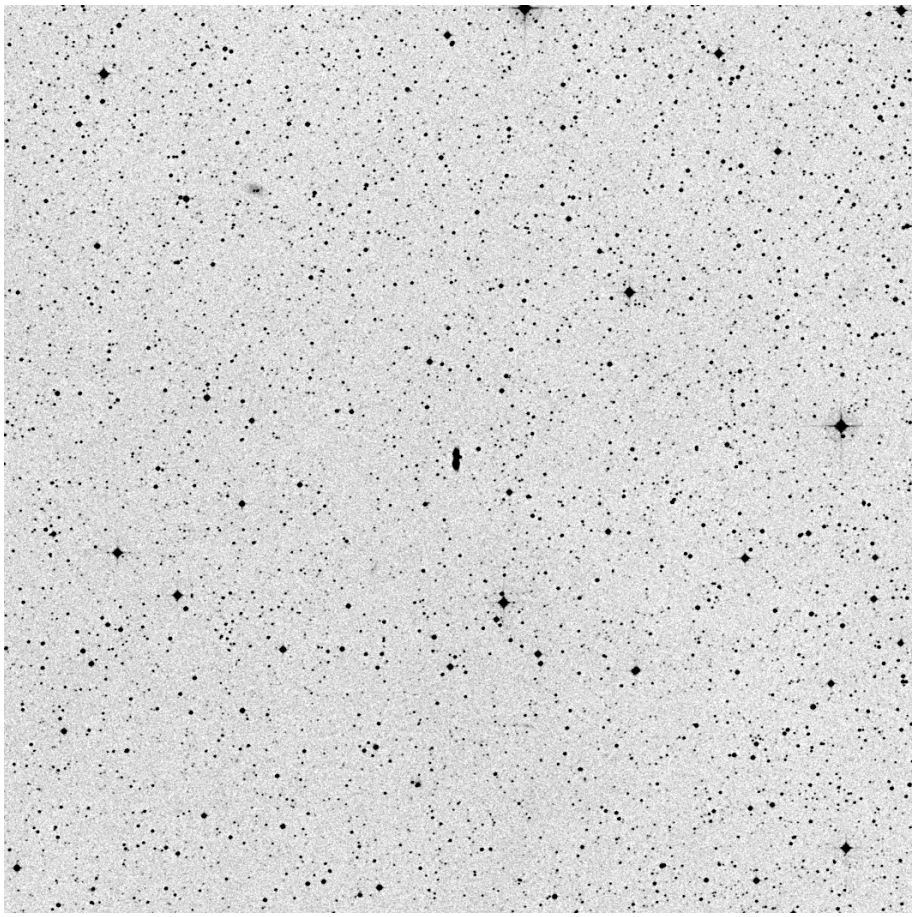
	other	RA	Dek	comments
NGC 6240	Rumpled Starfish	16 52 58	+02 24 03	

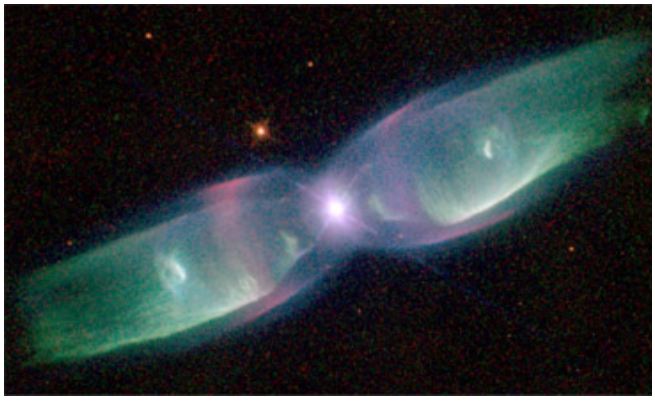
Observing notes:

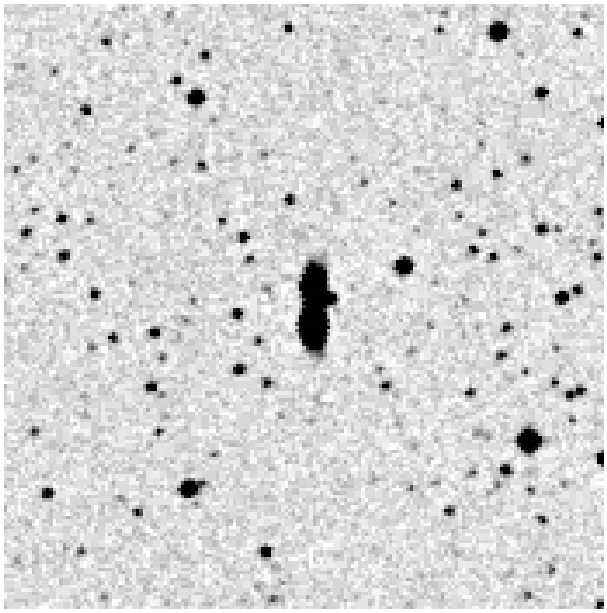

+10°00'
+05°00'
+00°00'
κ
σ
λ
σ
41
M 12
δ
30
M 10
ε
17h30m
17h00m
16h30m


+04°00'
+03°00'
+02°00'
+01°00'
NGC 6240
19
21
16
17h00m
16h55m
16h50m
16h45m

Butterfly Nebula in Ophiuchus

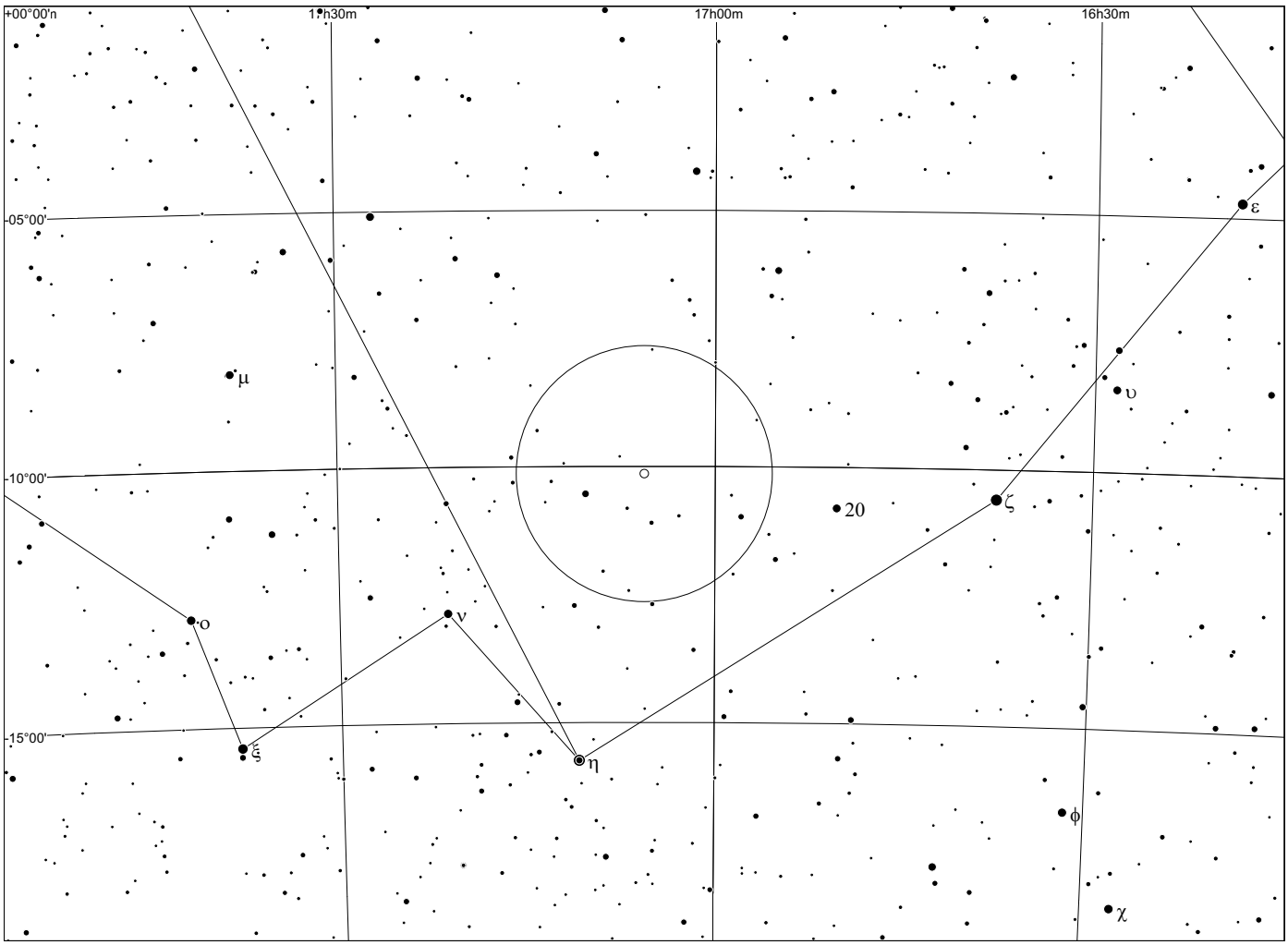


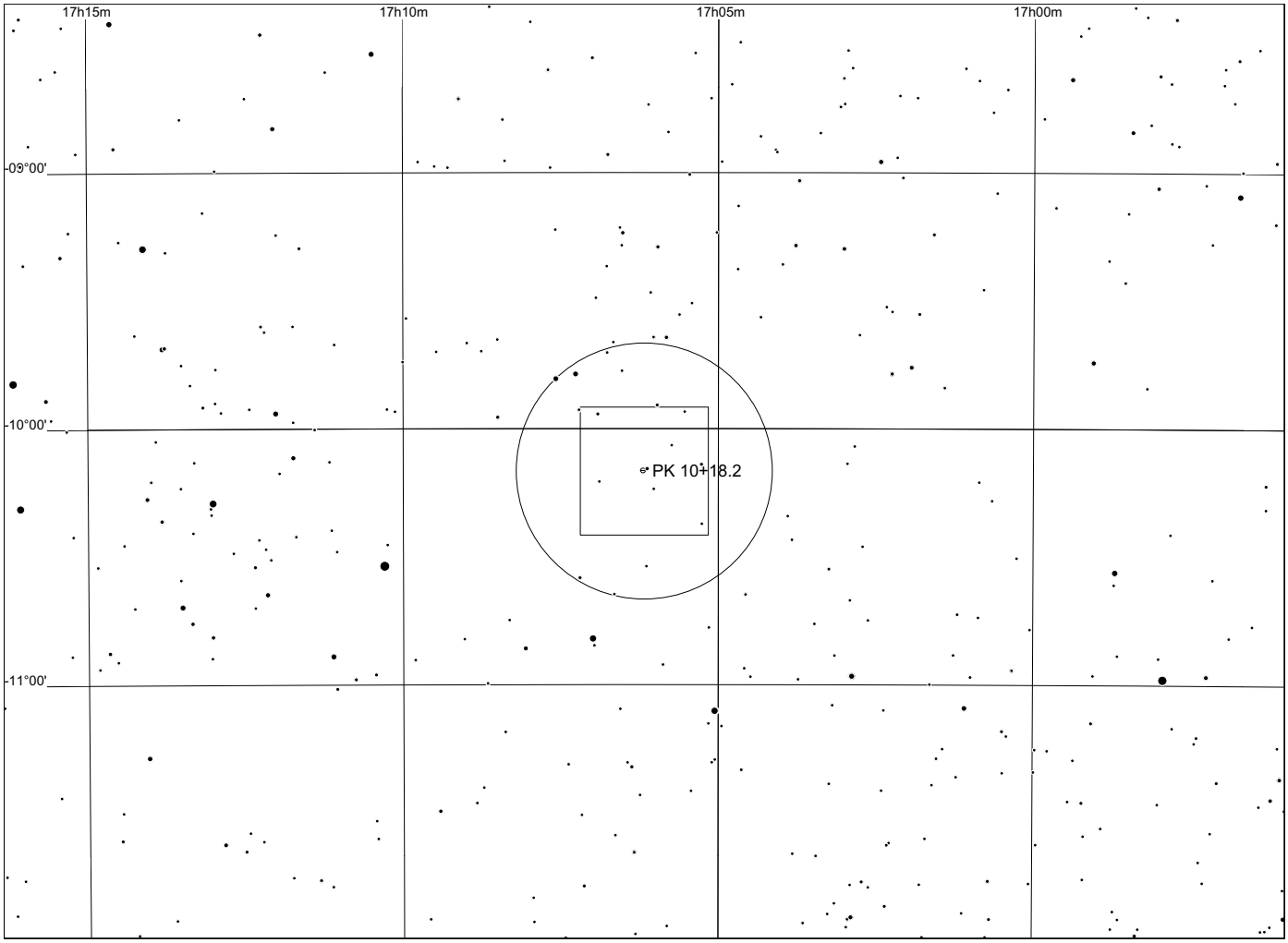




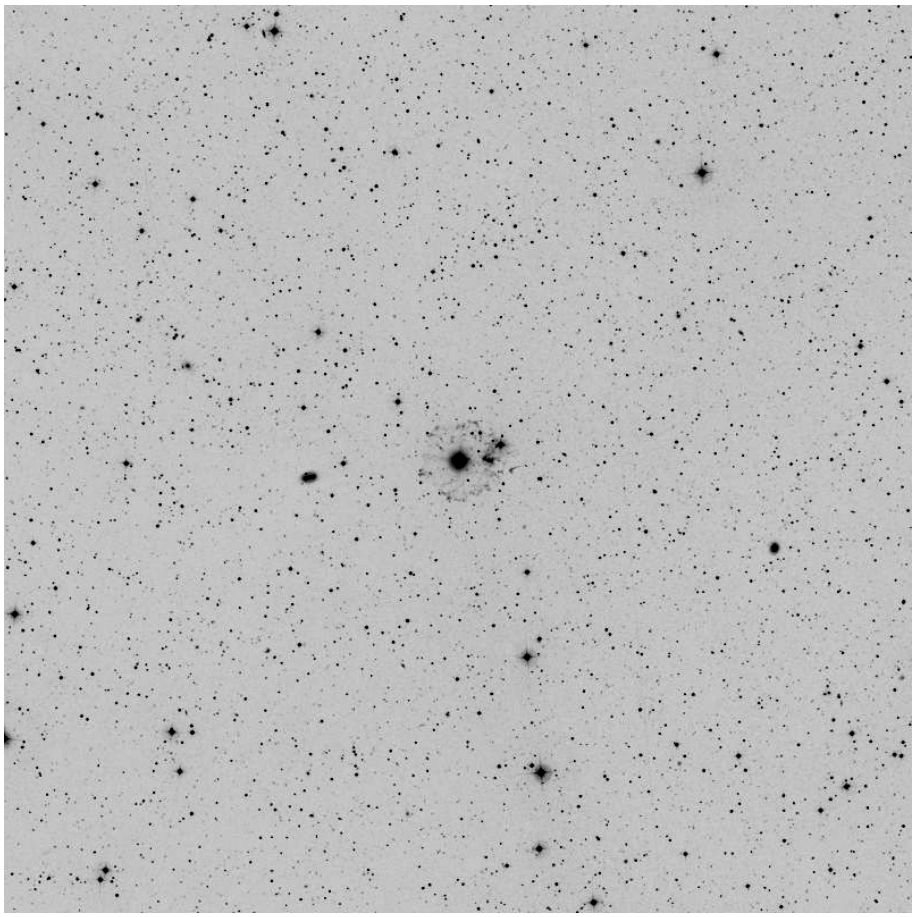
		RA	Dek	other names
M 2-9	Butterfly Nebula	17h 05m 38.1s	-10° 08' 33"	PK 10+18 2

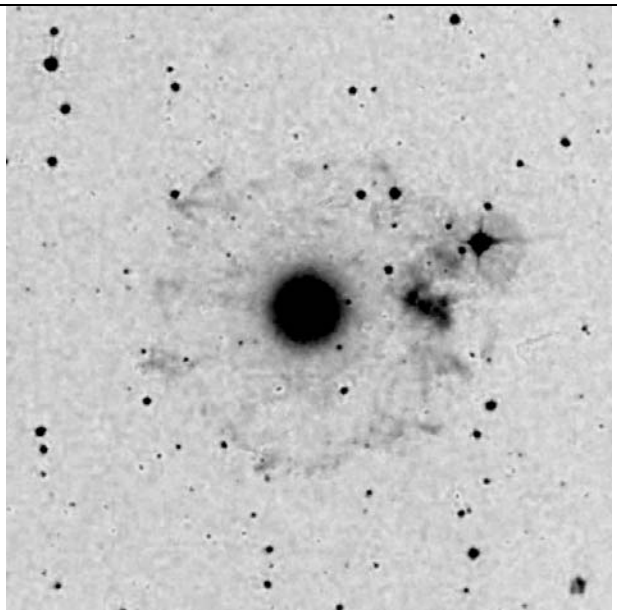
Observing notes:


+00°00'n
17h30m
17h00m
16h30m
-05°00'
-10°00'
-15°00'
ε
μ
υ
20
ζ
ο
ν
ξ
η
φ
χ

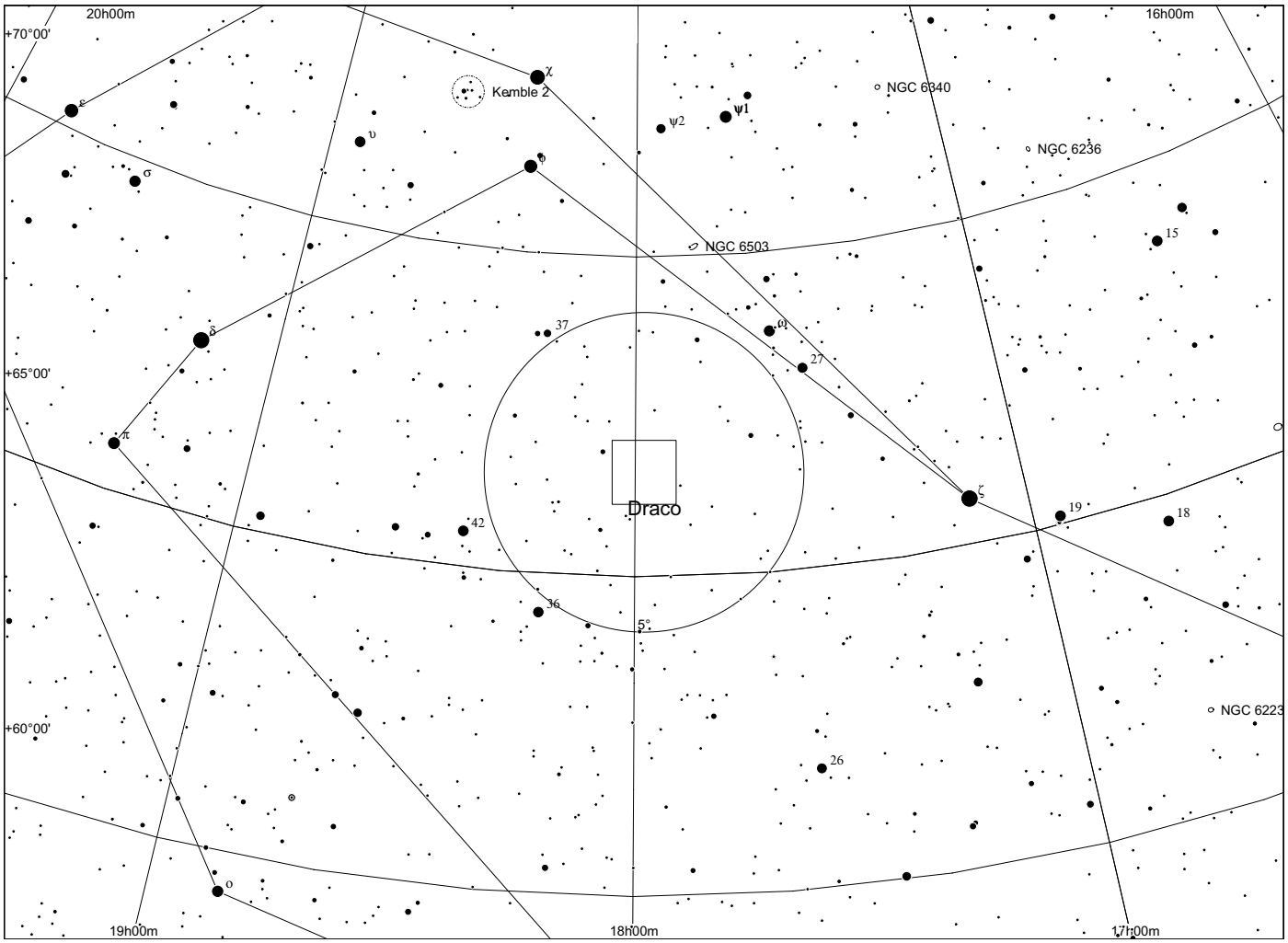

17h15m
17h10m
17h05m
17h00m
-09°00'
-10°00'
-11°00'
PK 10+18.2

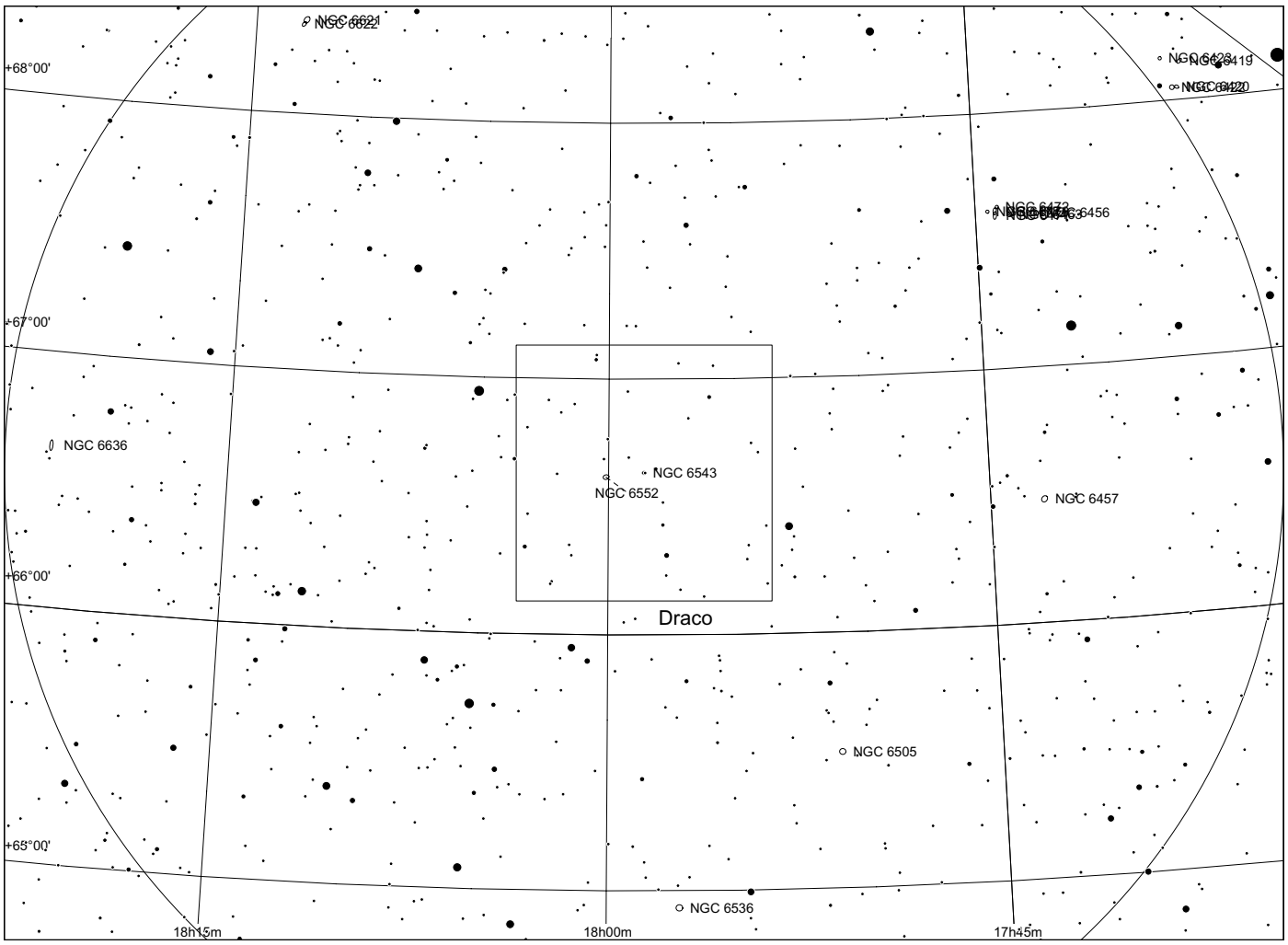
Cat's Eye Nebula in Draco





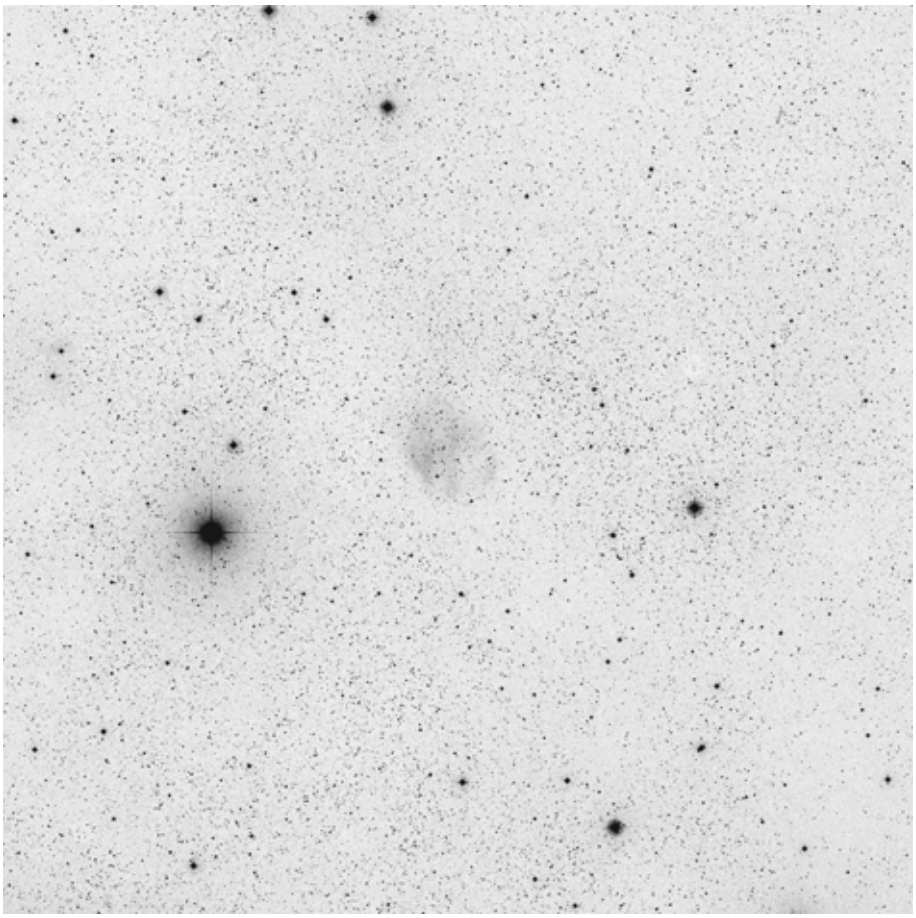
NGC 6543	17 58 33 +66 37 59


20h00m
16h00m
+70°00'
+65°00'
+60°00'
19h00m
18h00m
17h00m
Kemble 2
NGC 6340
NGC 6236
NGC 6503
NGC 6223
Draco
5°
χ
ε
σ
υ
φ
ψ2
ψ1
δ
π
ω1
ζ
ο
37
27
15
19
18
42
36
26

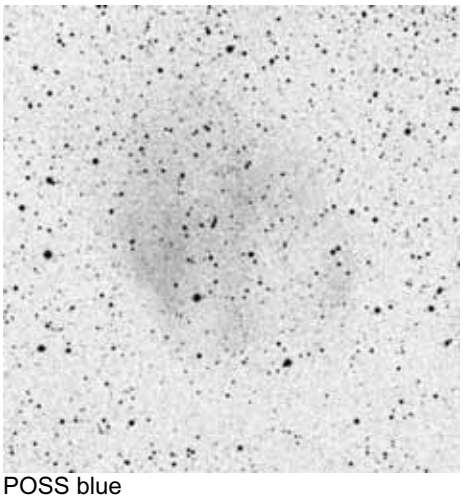

NGC 6621
NGC 6622
NGC 6419
NGC 6420
NGC 6456
+68°00'
+67°00'
+66°00'
+65°00'
NGC 6636
NGC 6543
NGC 6552
NGC 6457
Draco
NGC 6505
NGC 6536
18h15m
18h00m
17h45m

Sh 2 - 68

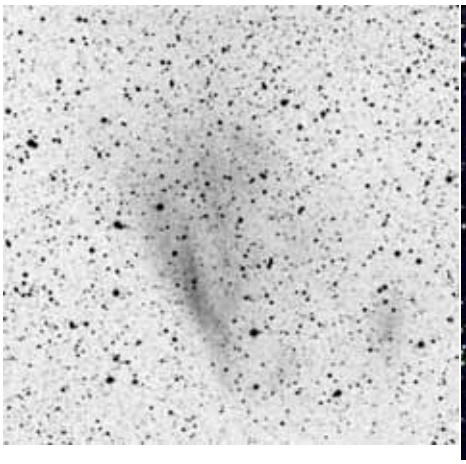
in Serpens



60x60, blue



POSS blue



POSS red

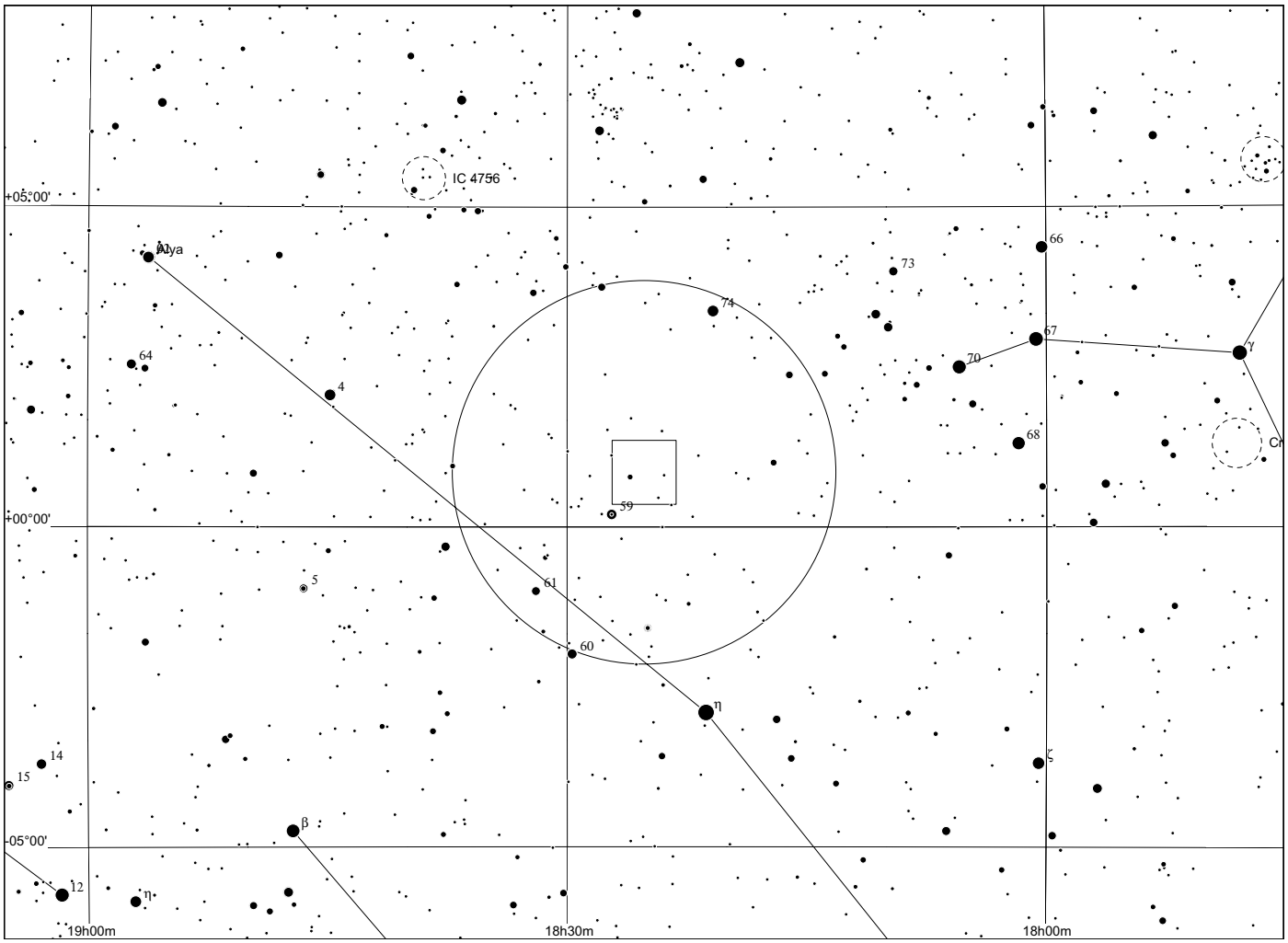
composite

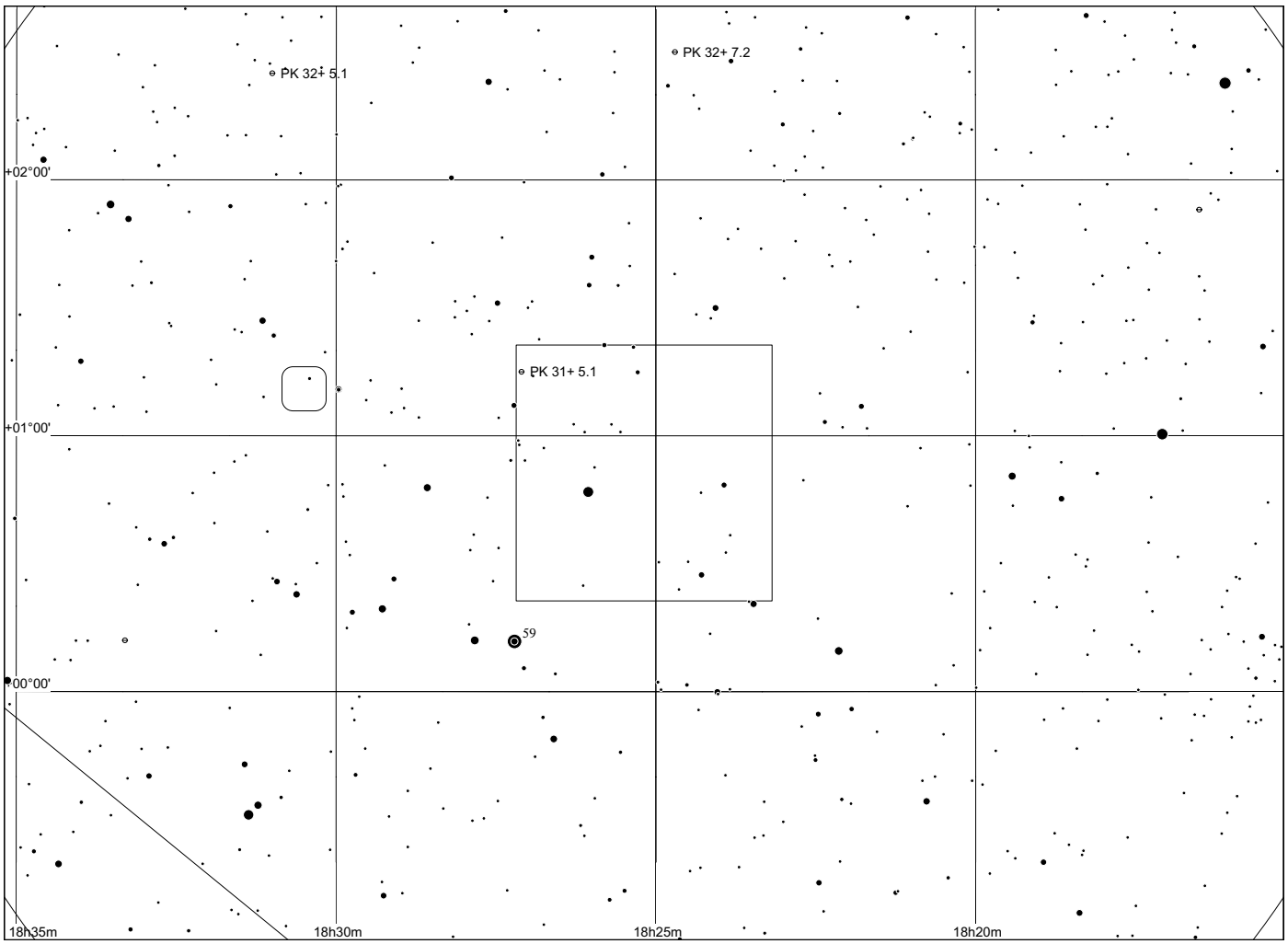
	other name	RA	dec	dia. '	F	S	B
Sh 2-068	PN	18 25 10.8	+00 51 17	8	3	2	2

The expansion of this planetary nebula has been halted by the surrounding local gas but the central star has continued to move so as a result the star is no longer at the centre of the nebula.

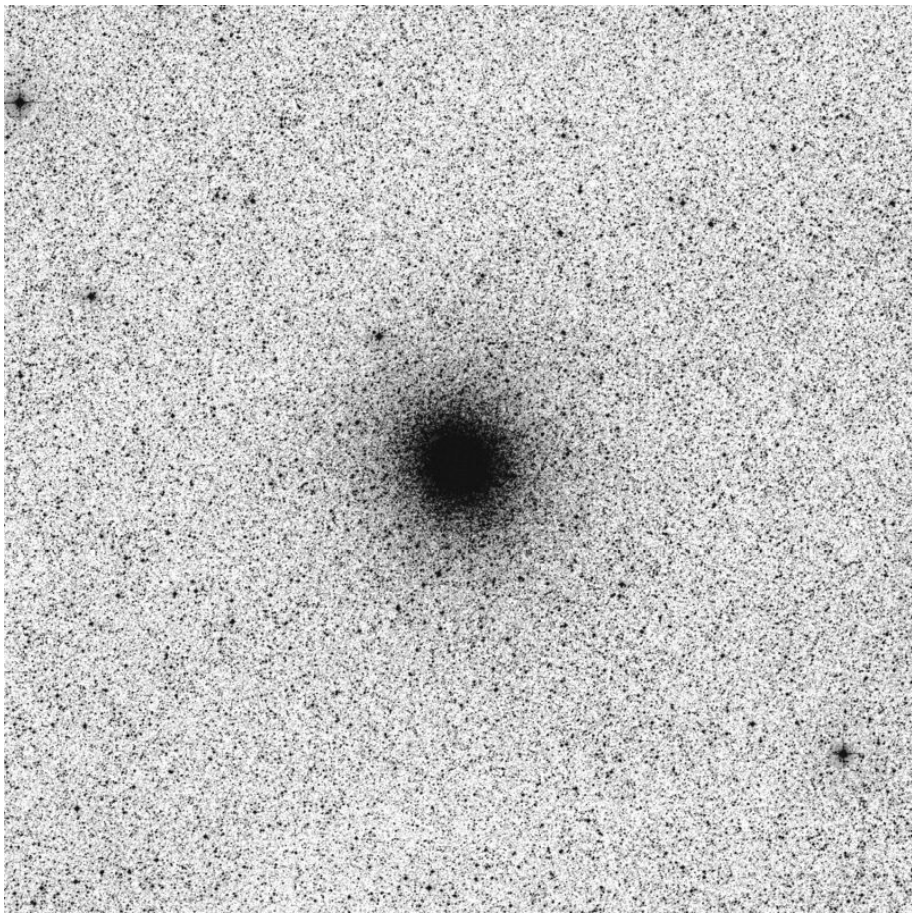
Observing notes:

22" f/4.5
08/2008: at 100x with OIII, this PN is relatively easily visible as a faint glow with even surface brightness and diffuse boundaries.

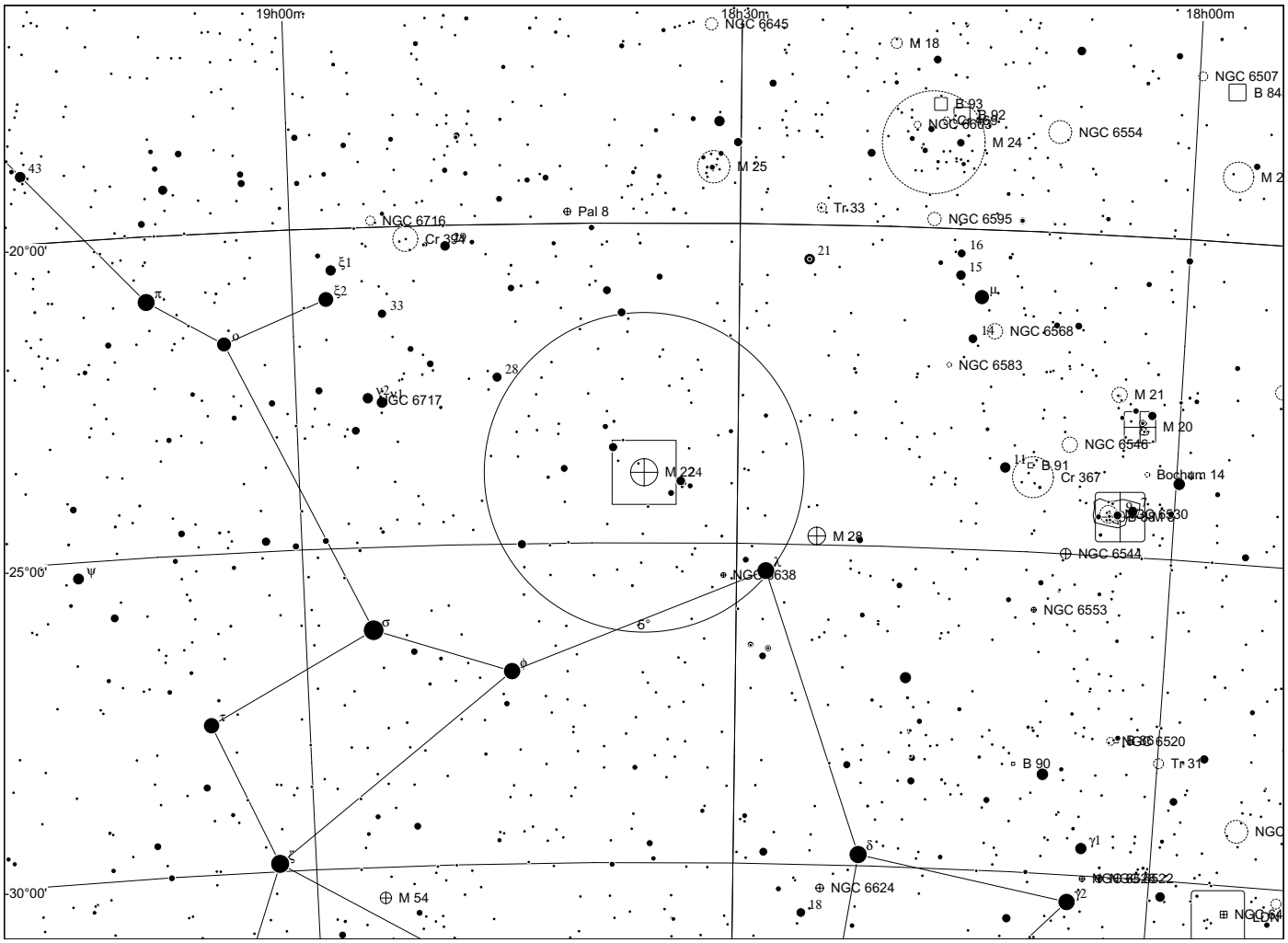

IC 4756
+05°00'
Altair
66
73
74
67
64
70
4
68
59
+00°00'
5
61
60
η
14
15
ζ
β
-05°00'
12
η
19h00m
18h30m
18h00m

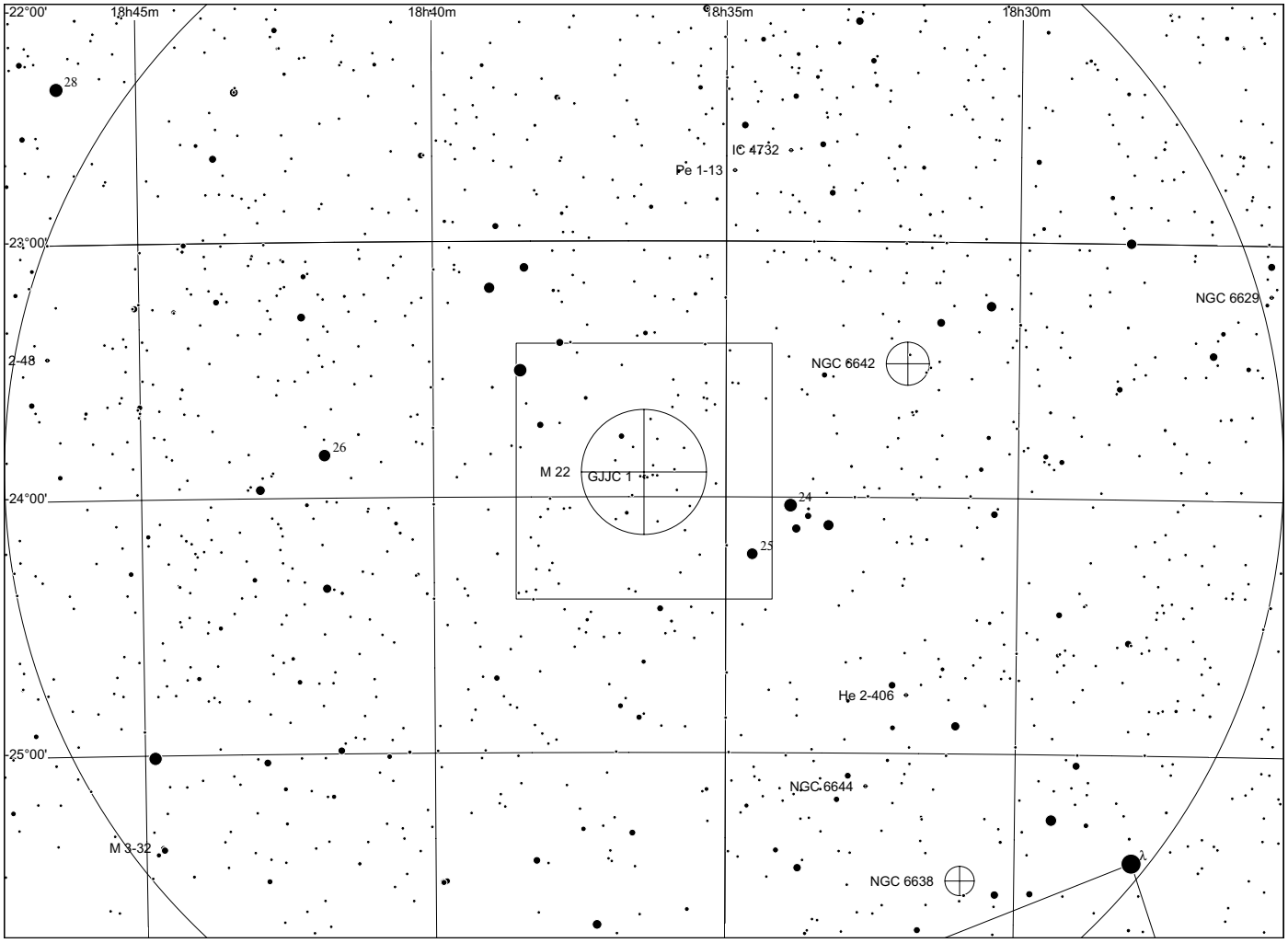

PK 32+ 5.1
PK 32+ 7.2
+02°00'
PK 31+ 5.1
+01°00'
59
00°00'
18h35m
18h30m
18h25m
18h20m

M22 in Sagittarius

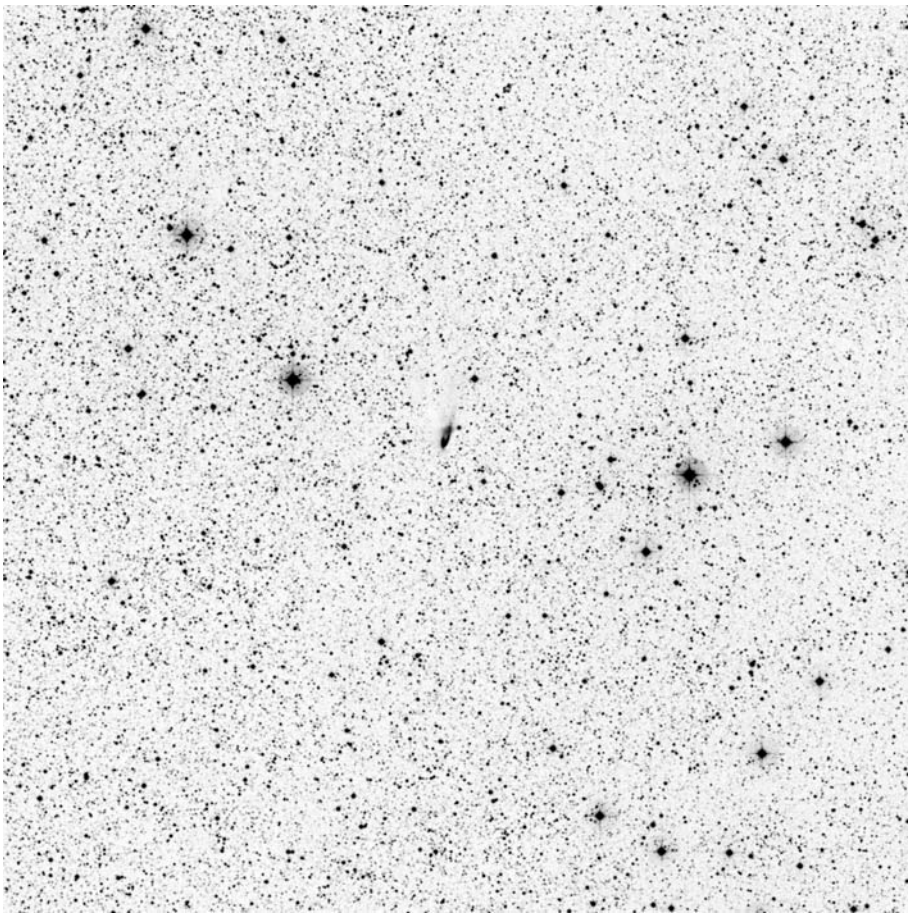


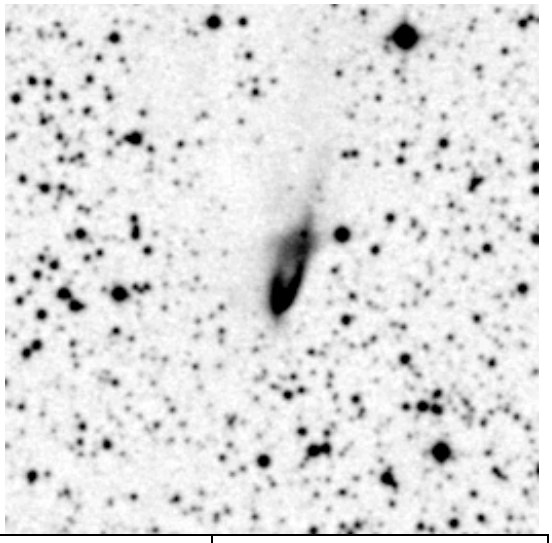
M22	18 36 23 -23 54 17	


19h00m
18h30m
18h00m
NGC 6645
M 18
NGC 6507
B 84
B 93
NGC 6603
M 24
NGC 6554
M 25
M 2
Pal 8
Tr 33
NGC 6595
NGC 6716
Cr 394
-20°00'
NGC 6568
NGC 6583
NGC 6717
M 21
M 20
NGC 6546
B 91
Cr 367
Bochum 14
M 224
M 28
NGC 6544
-25°00'
NGC 6638
NGC 6553
NGC 6520
B 90
Tr 31
NGC 6624
-30°00'
M 54


22°00'
18h45m
18h40m
18h35m
18h30m
IC 4732
Pe 1-13
23°00'
NGC 6629
2-48
NGC 6642
M 22
GJJC 1
24°00'
He 2-406
25°00'
NGC 6644
M 3-32
NGC 6638

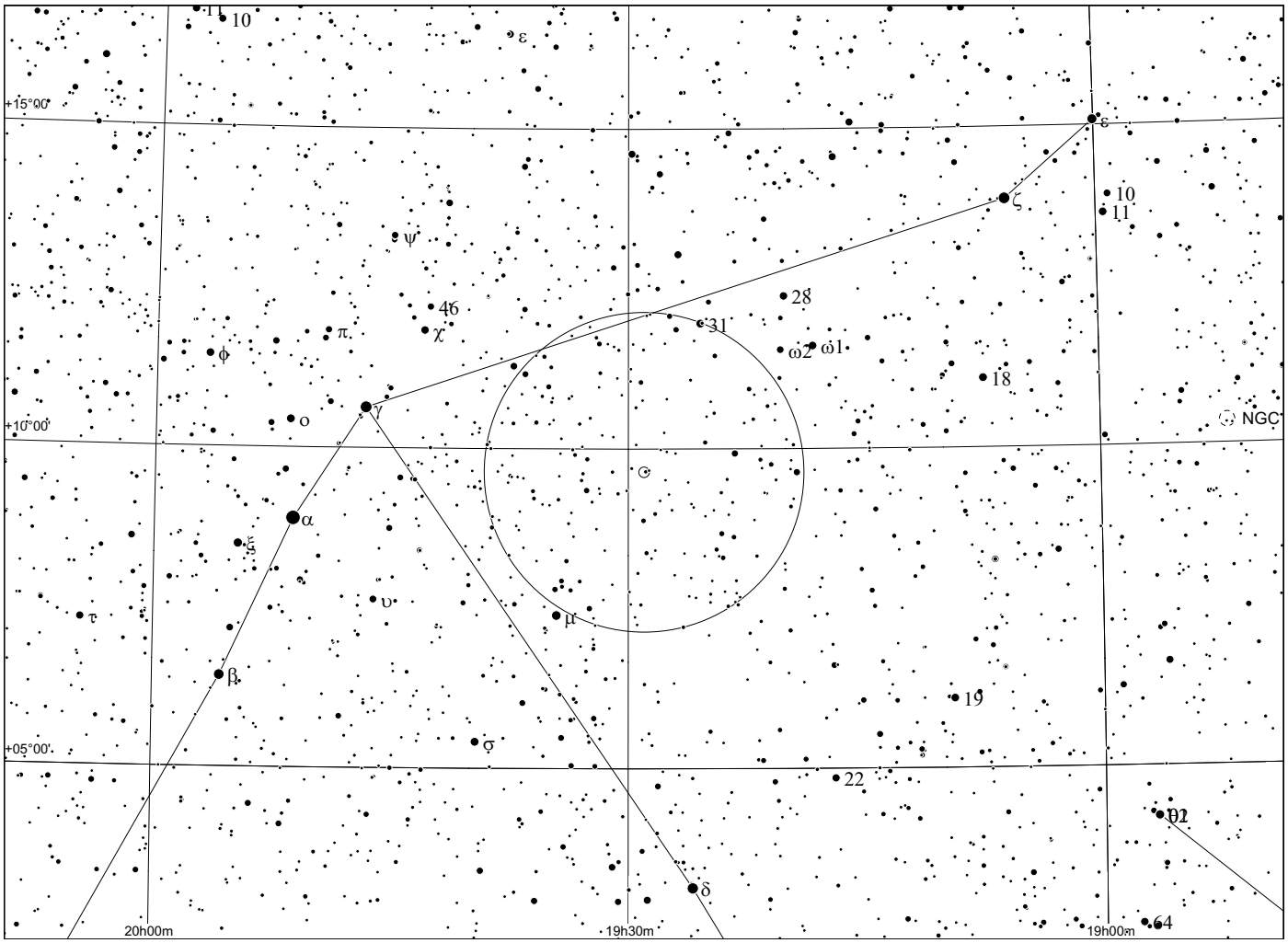
Parsamian 21 in Aquila

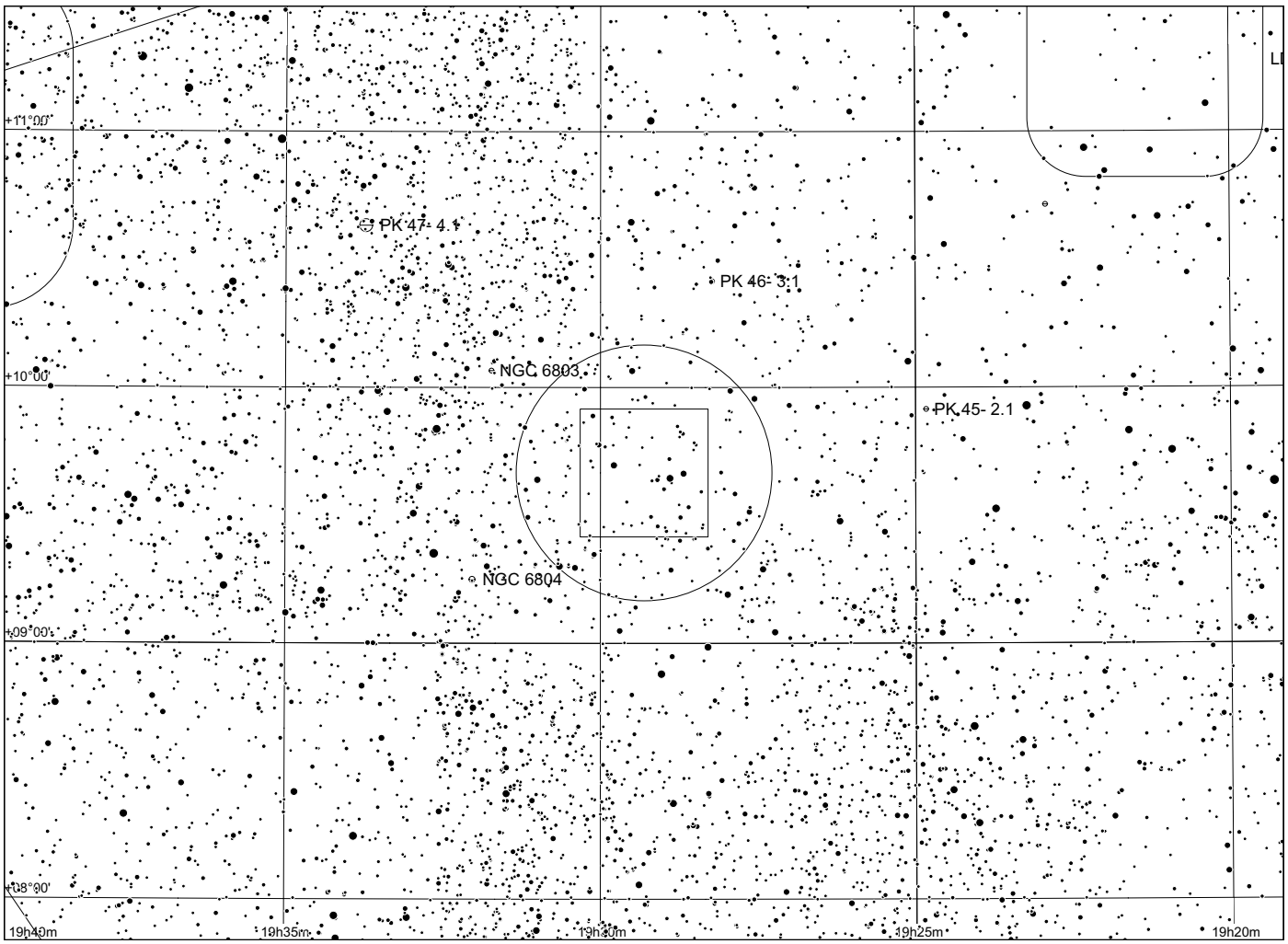




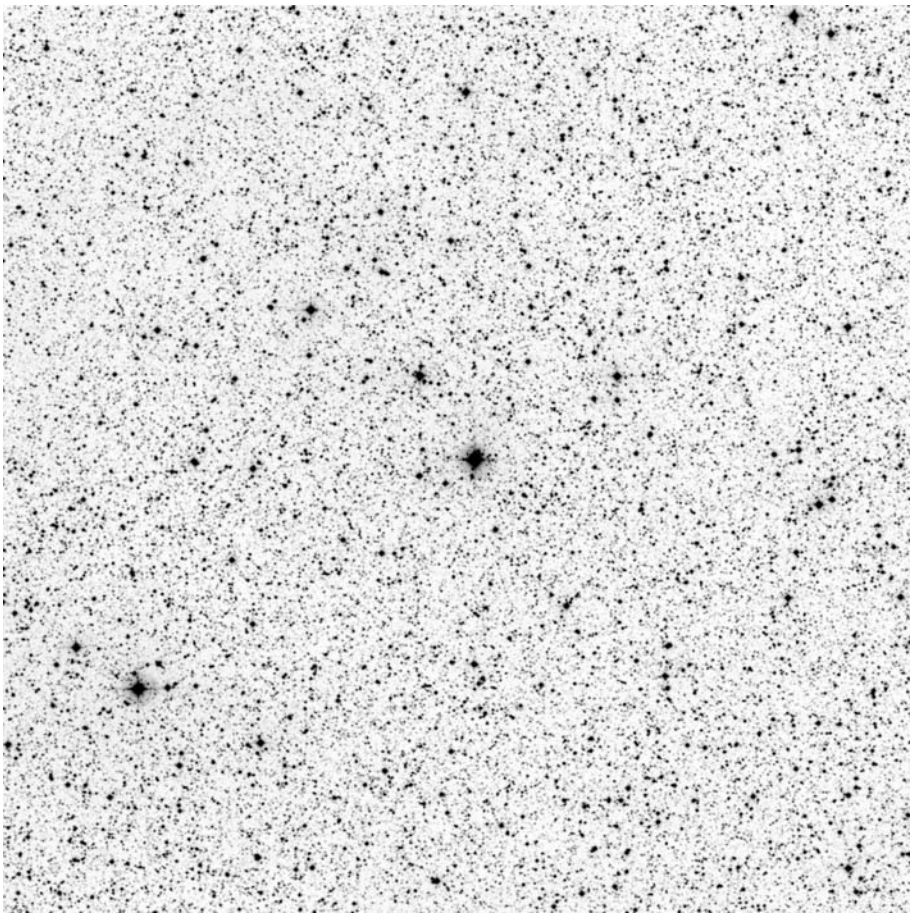
	other	RA	Dek	comments
Parsamian 21		19 28 59	+09 38 15	

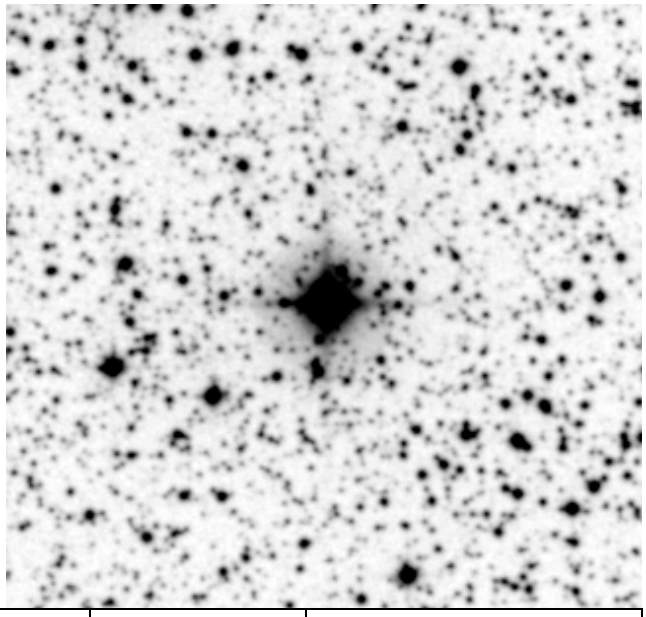
Observing notes:


+15°00'
+10°00'
+05°00'
20h00m
19h30m
19h00m
ε
ζ
ψ
46
χ
π
φ
28
31
ω2
ω1
18
γ
ο
NGC
α
ξ
υ
τ
μ
β
19
σ
22
θ2
δ
64


+11°00'
+10°00'
+09°00'
+08°00'
19h40m
19h35m
19h30m
19h25m
19h20m
PK 47- 4.1
PK 46- 3.1
NGC 6803
PK 45- 2.1
NGC 6804

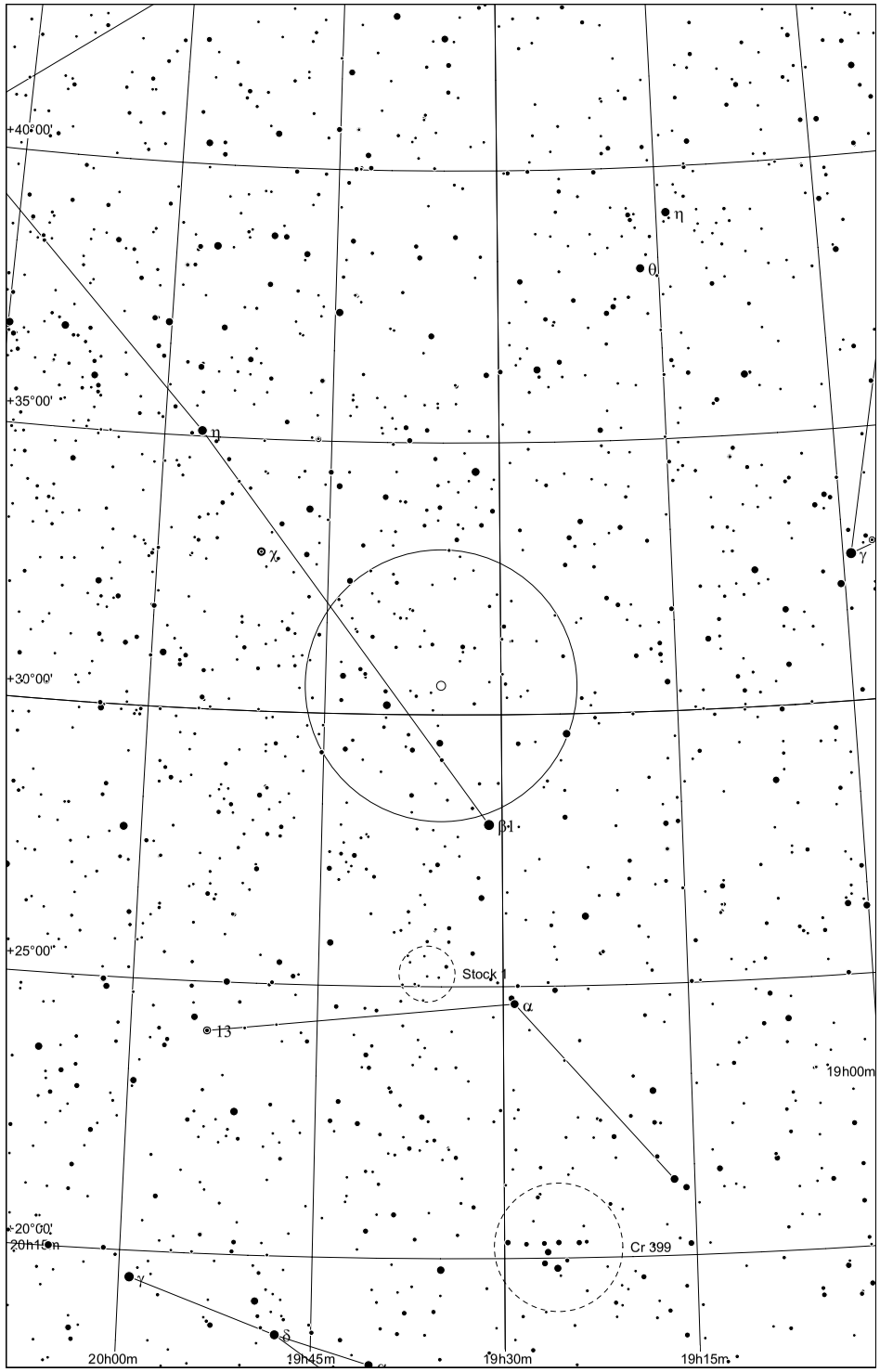
Campbell's Hydrogen Star in Cygnus

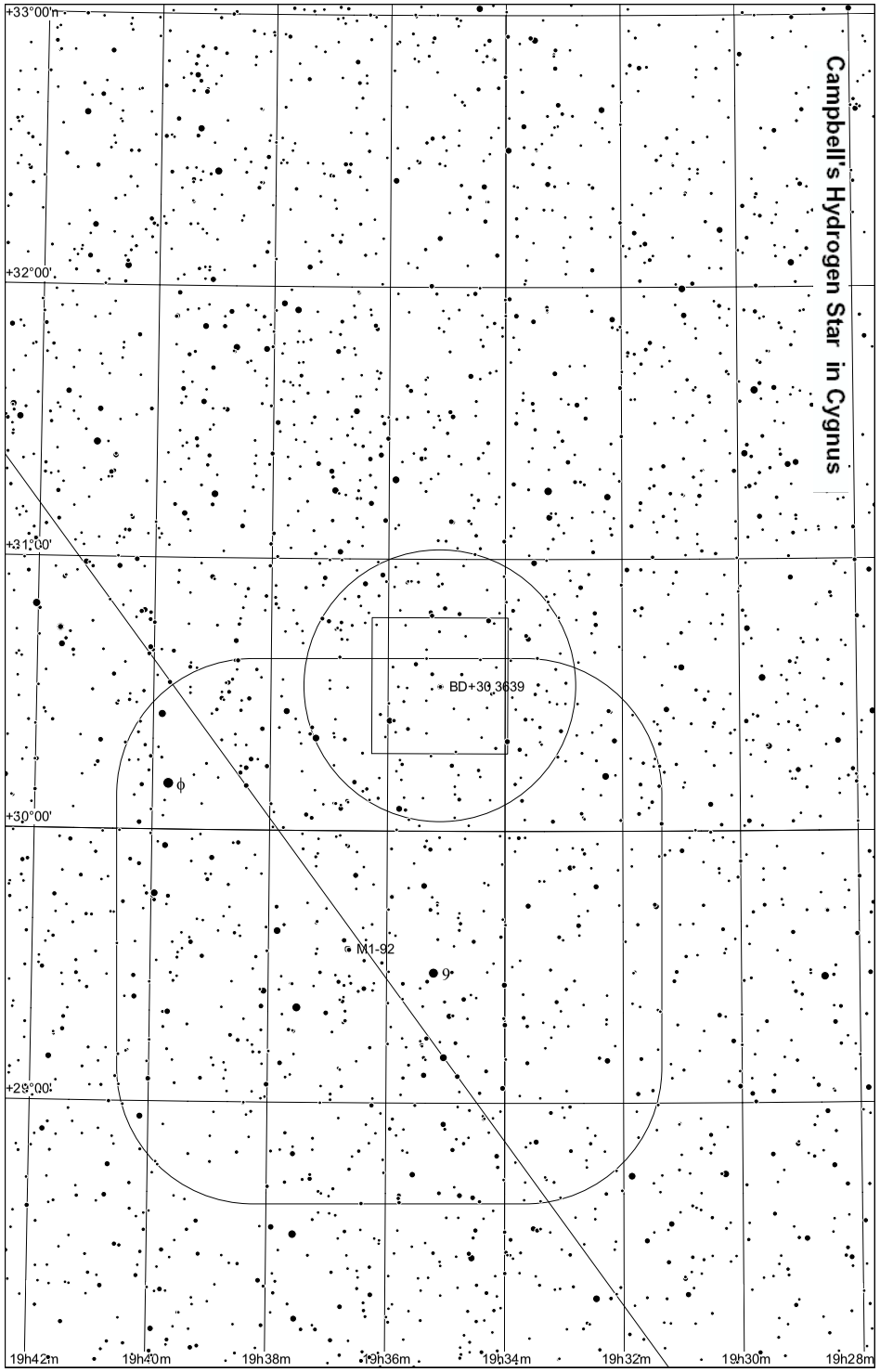




		RA	Dek	other names
PK64+5.1	Campbell's Hydrogen star	19h 34.8	+30°31'	

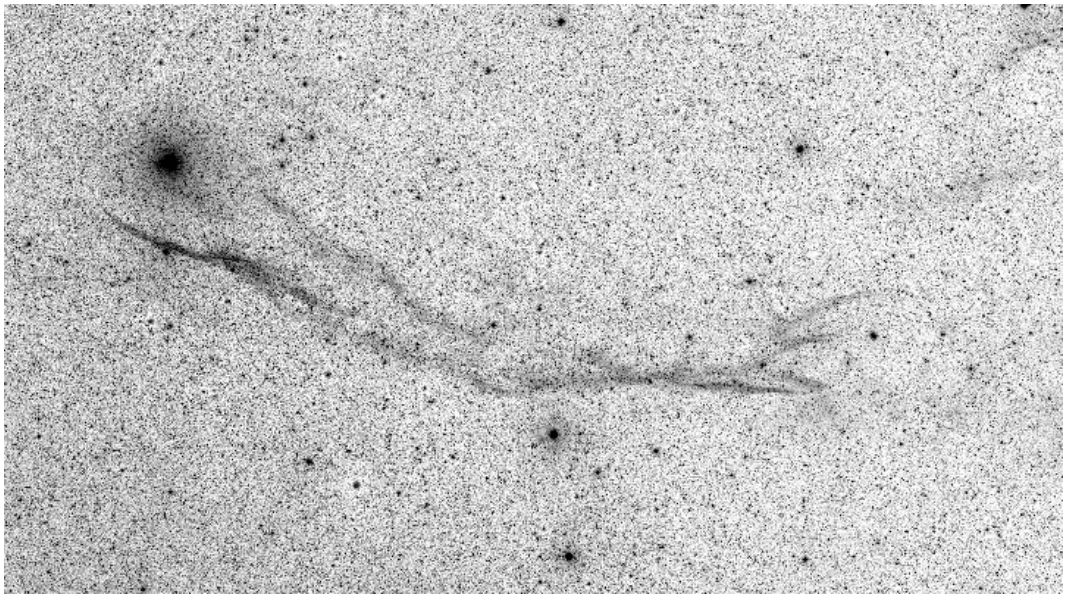
Observing notes:

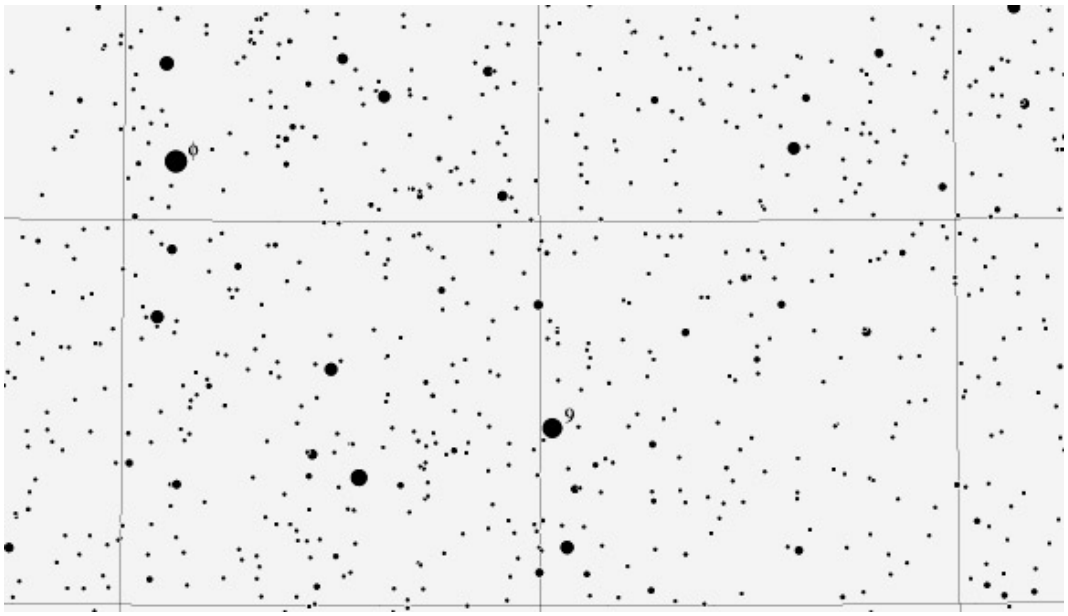




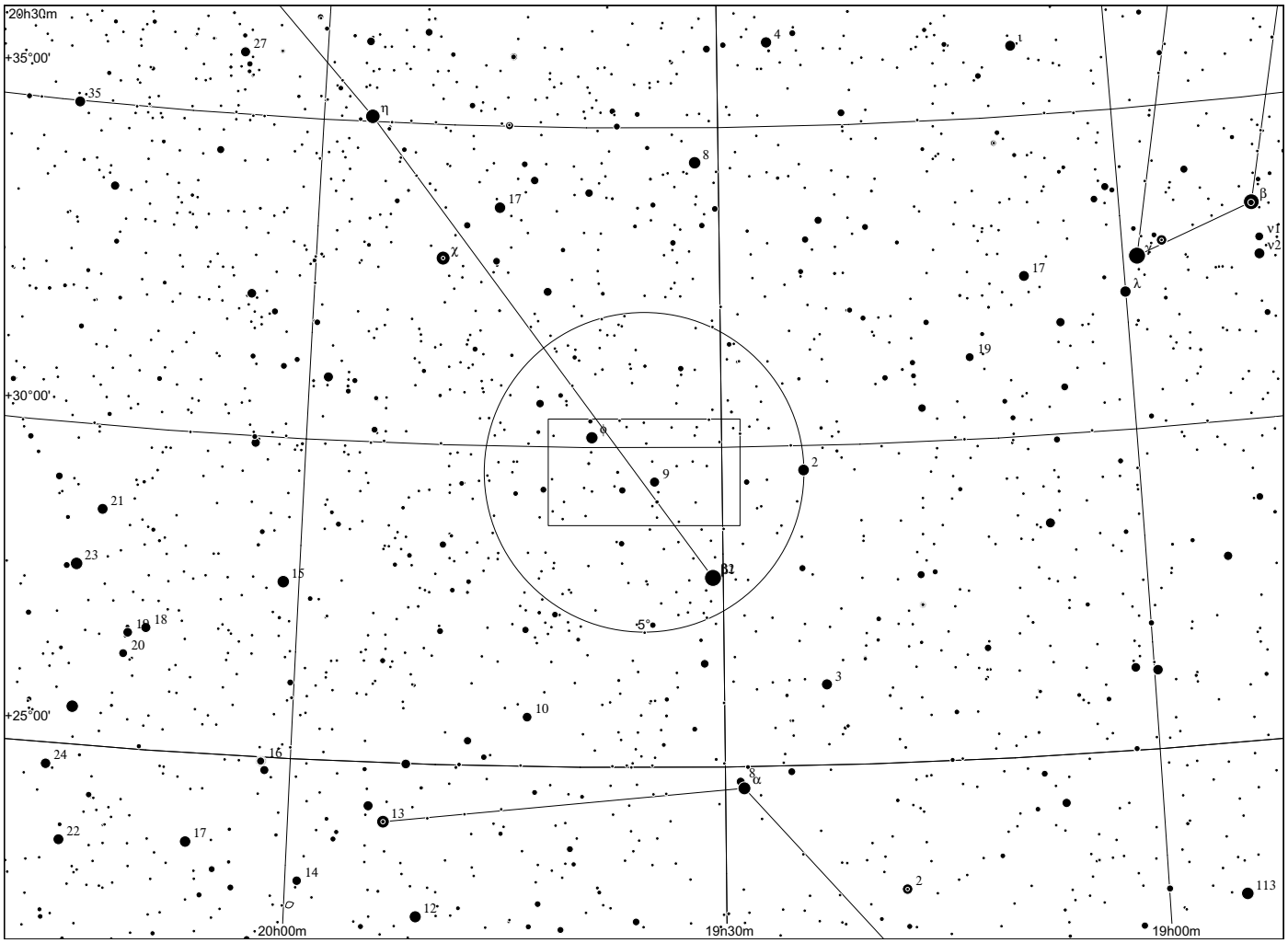
Campbell's Hydrogen Star in Cygnus

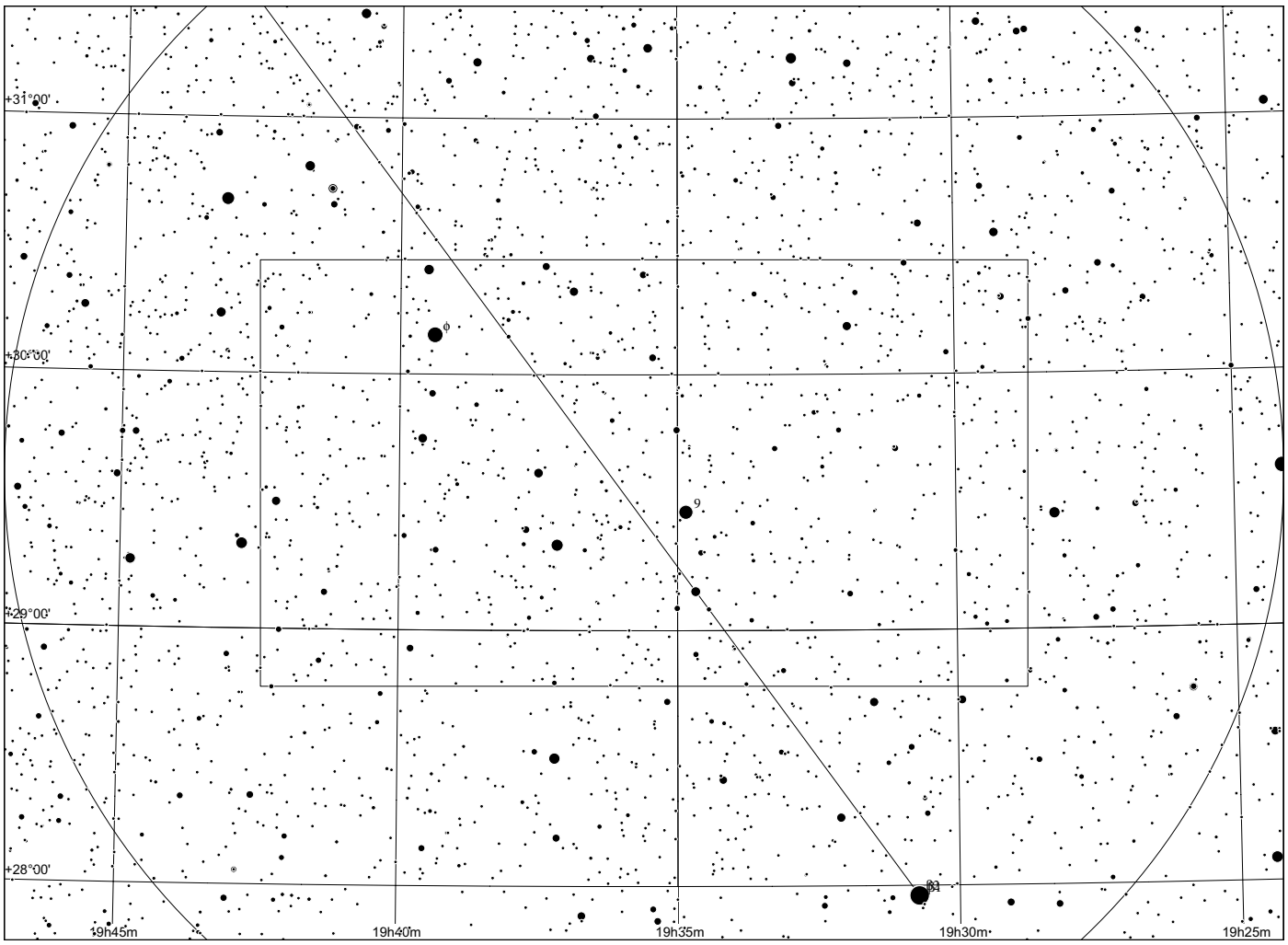
Sharpless 91 in Cygnus



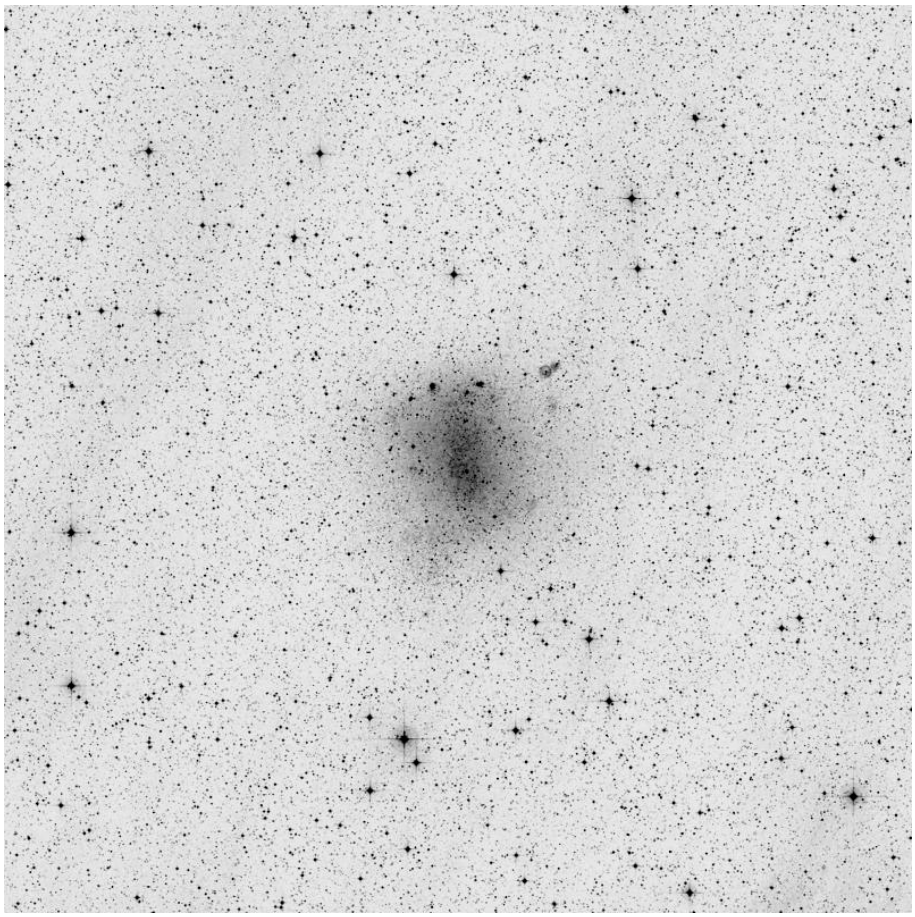


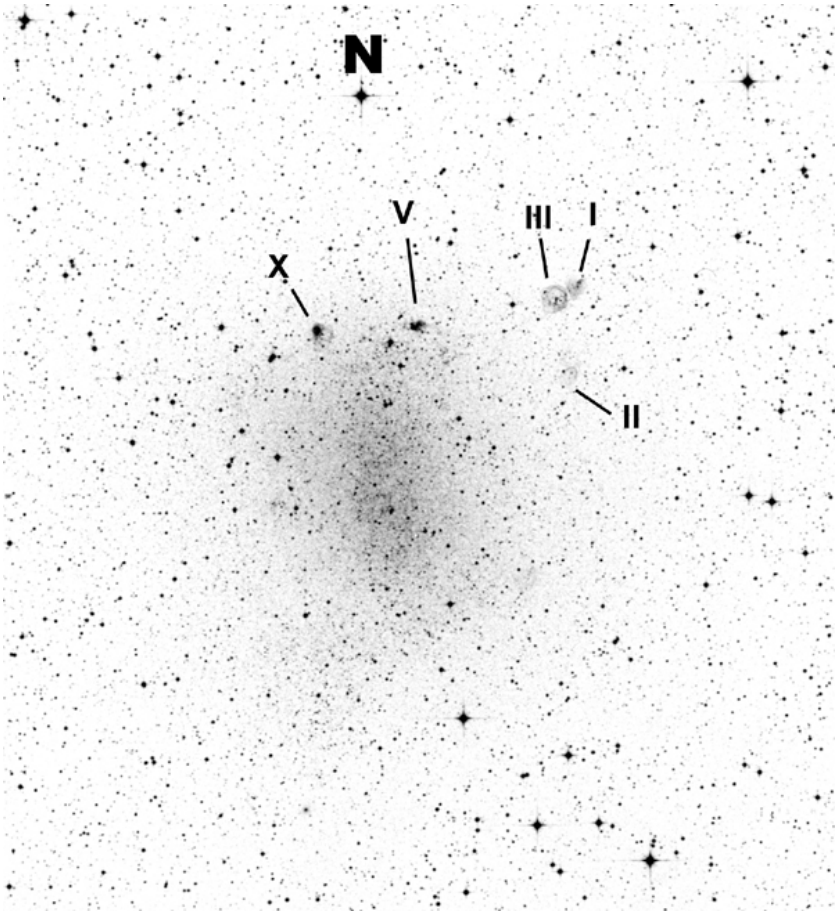
Sh2-91	19 39 +29 57	


20h30m
+35°00'
+30°00'
+25°00'
20h00m
19h30m
19h00m
η
χ
β
ν1
ν2
λ
φ
α
5°

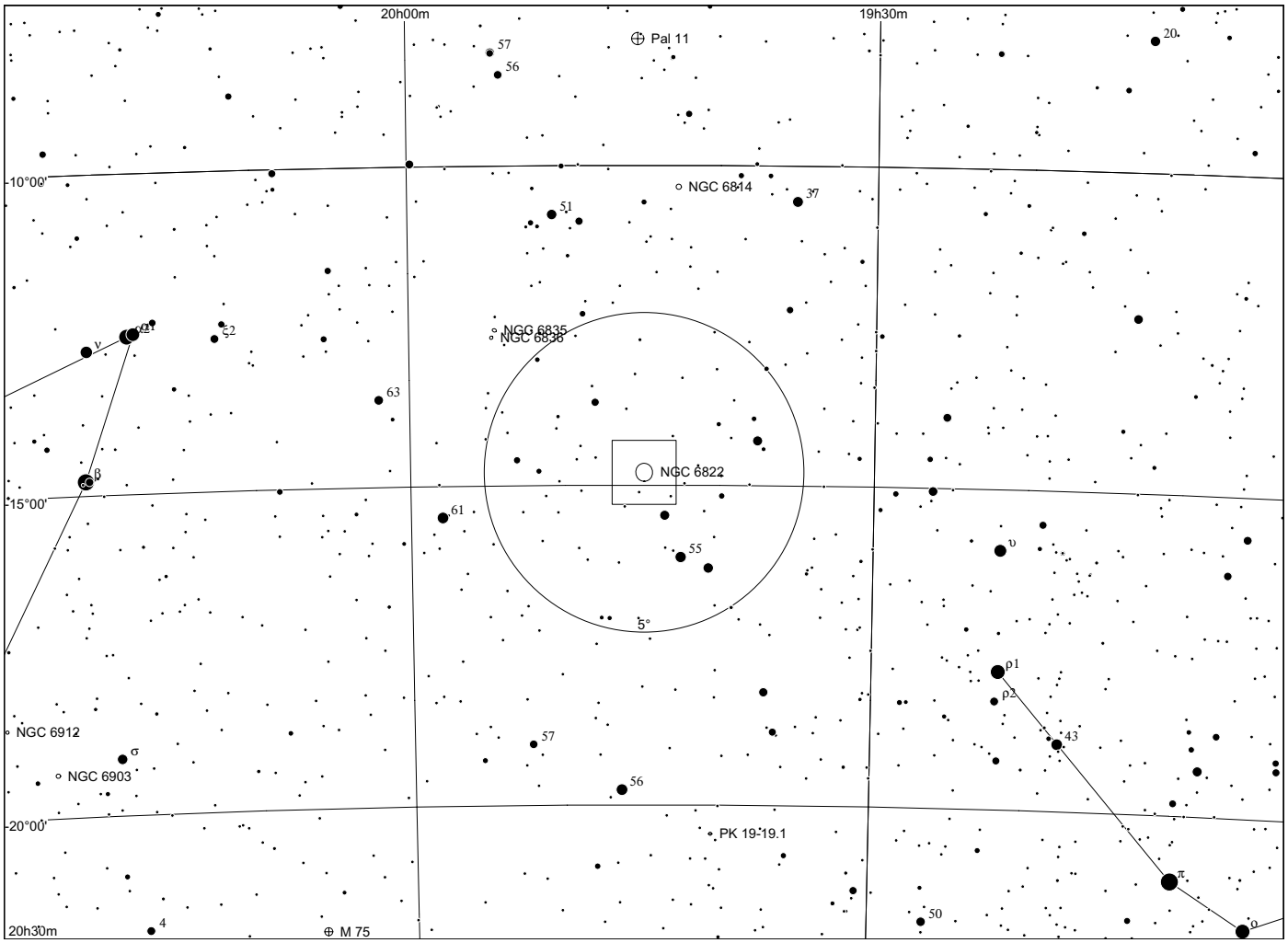

+31°00'
+30°00'
+29°00'
+28°00'
19h45m
19h40m
19h35m
19h30m
19h25m
φ

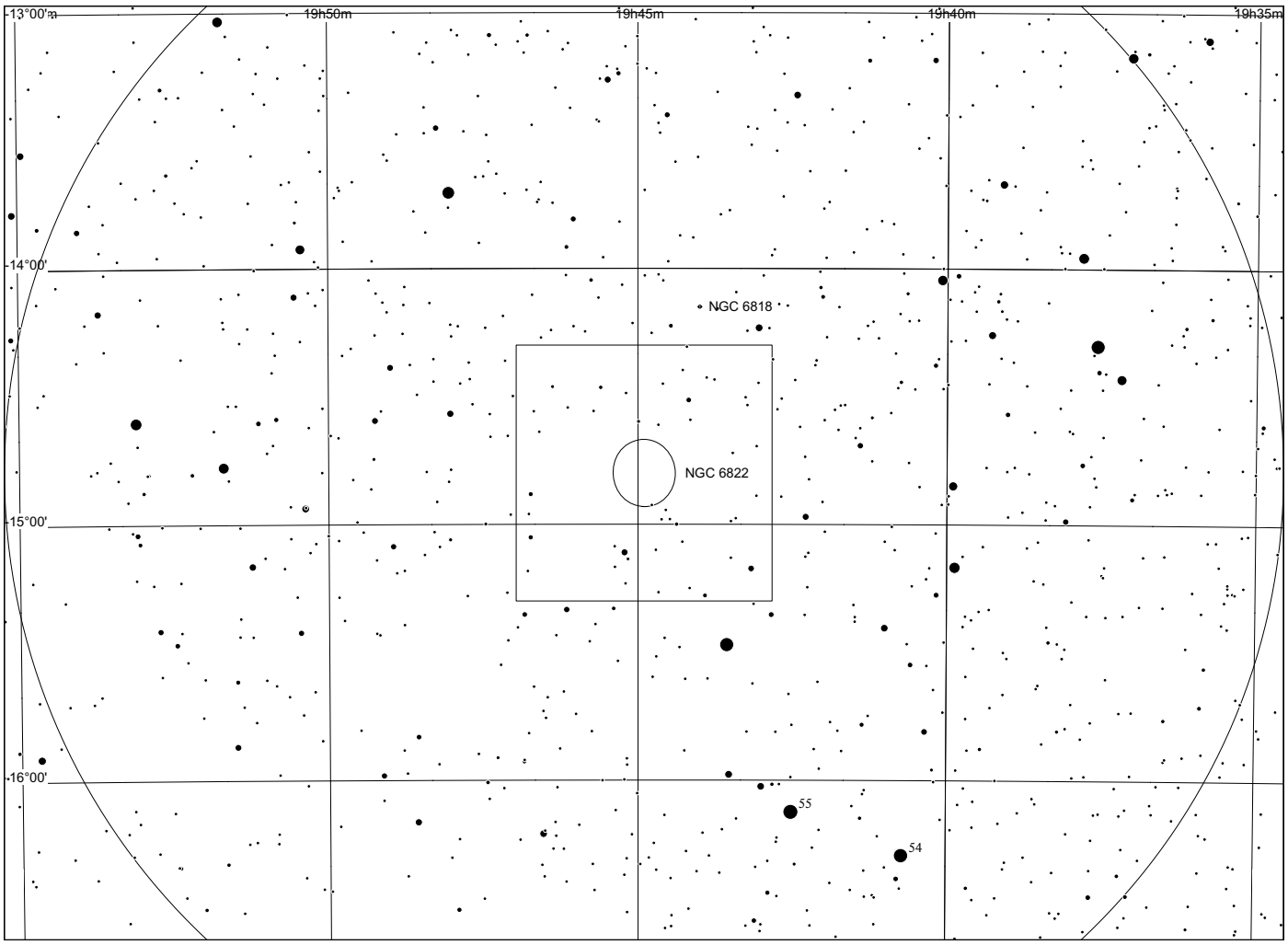
Barnard's Galaxy in Sagittarius





NGC 6822	19 44 57 -14 48 11	


20h00m
19h30m
Pal 11
57
56
20
10°00'
NGC 6814
37
51
NGC 6835
NGC 6838
ν
ρ1
ξ2
63
β
NGC 6822
15°00'
61
55
υ
5°
ρ1
ρ2
43
NGC 6912
σ
NGC 6903
57
56
20°00'
PK 19-19.1
π
ρ
50
20h30m
4
M 75


13°00'
19h50m
19h45m
19h40m
19h35m
14°00'
NGC 6818
NGC 6822
15°00'
16°00'
55
54