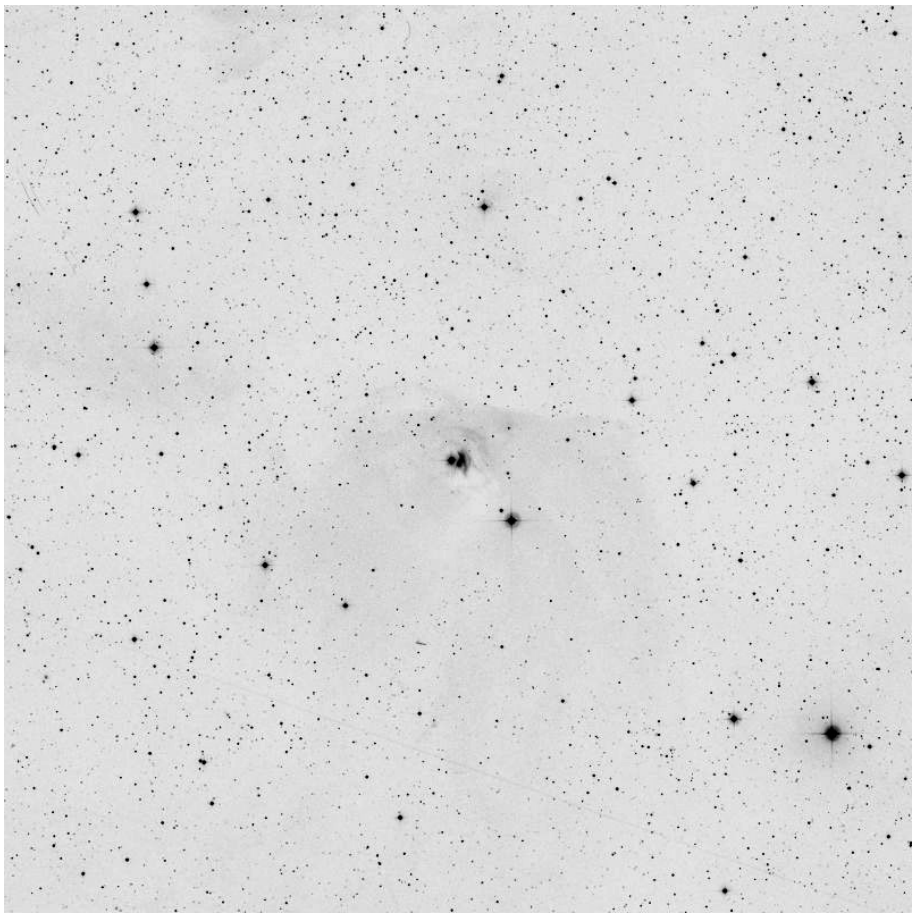
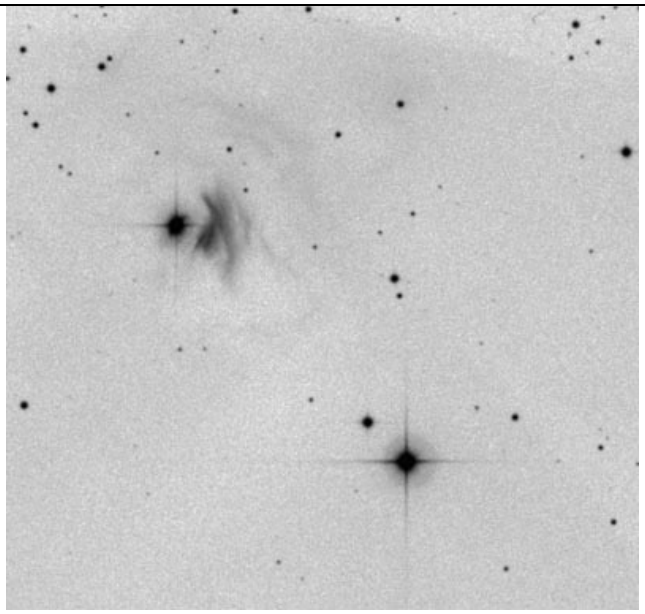
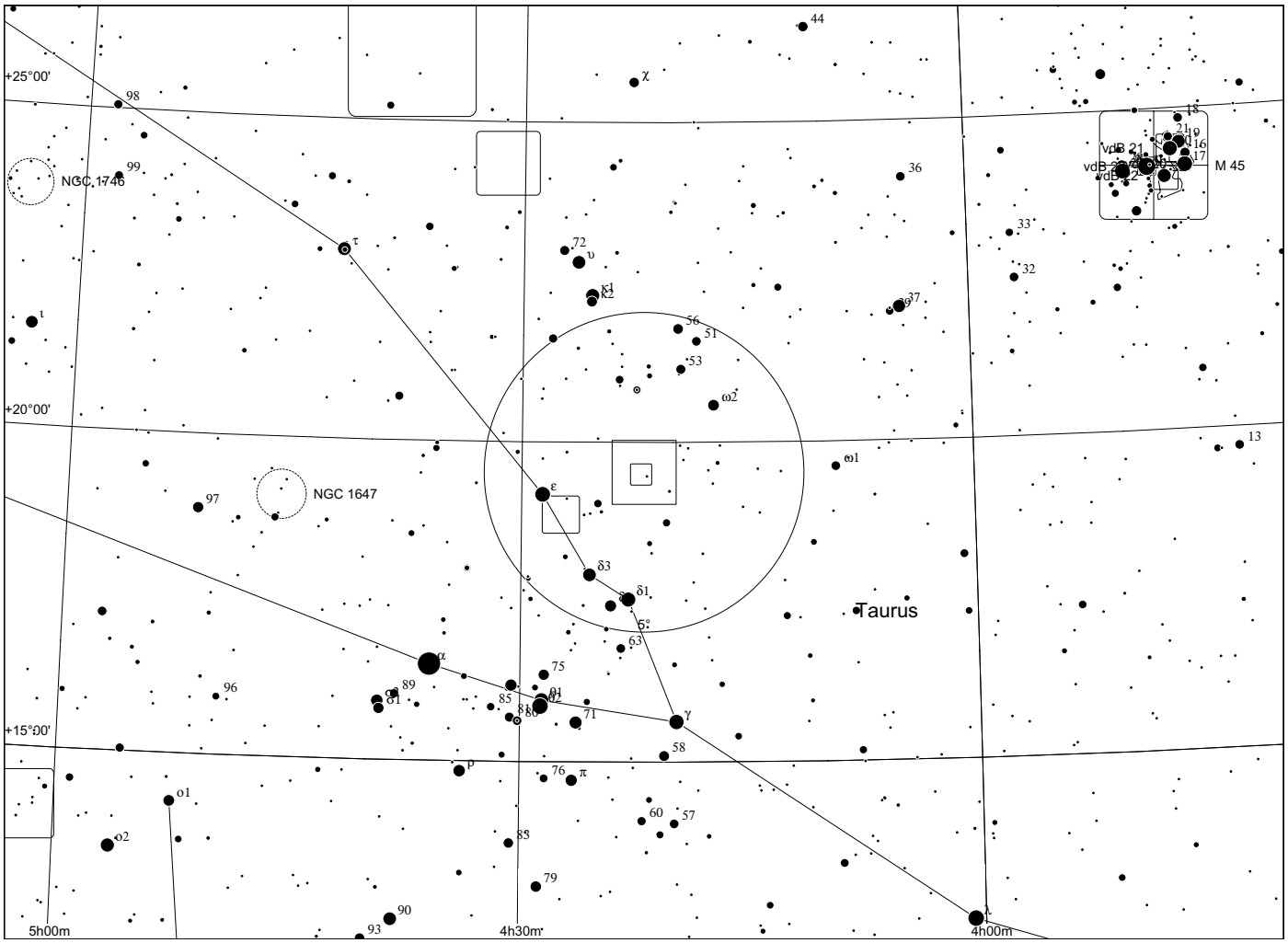
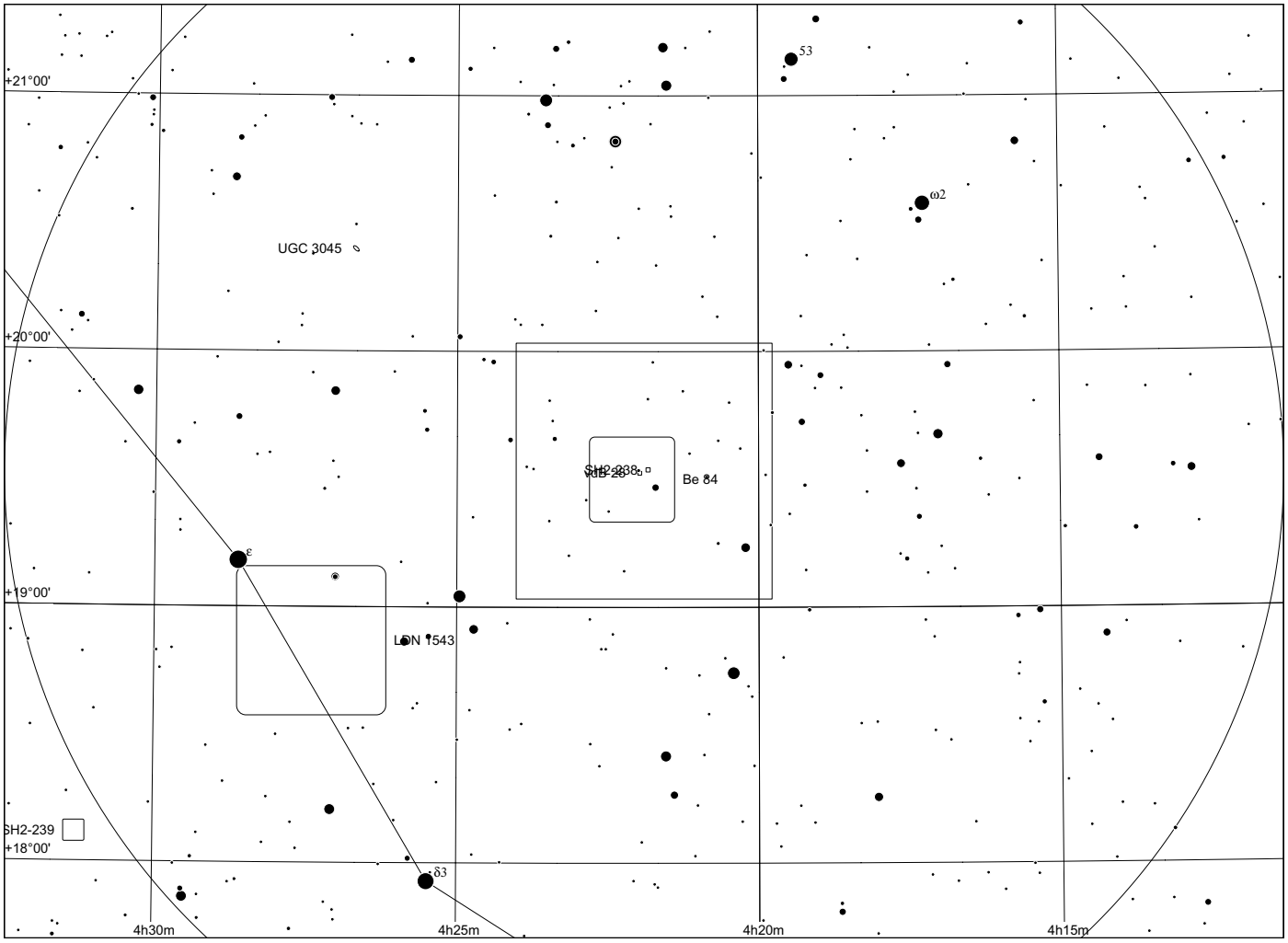
Hind's Variable Nebula NGC1555 in Taurus



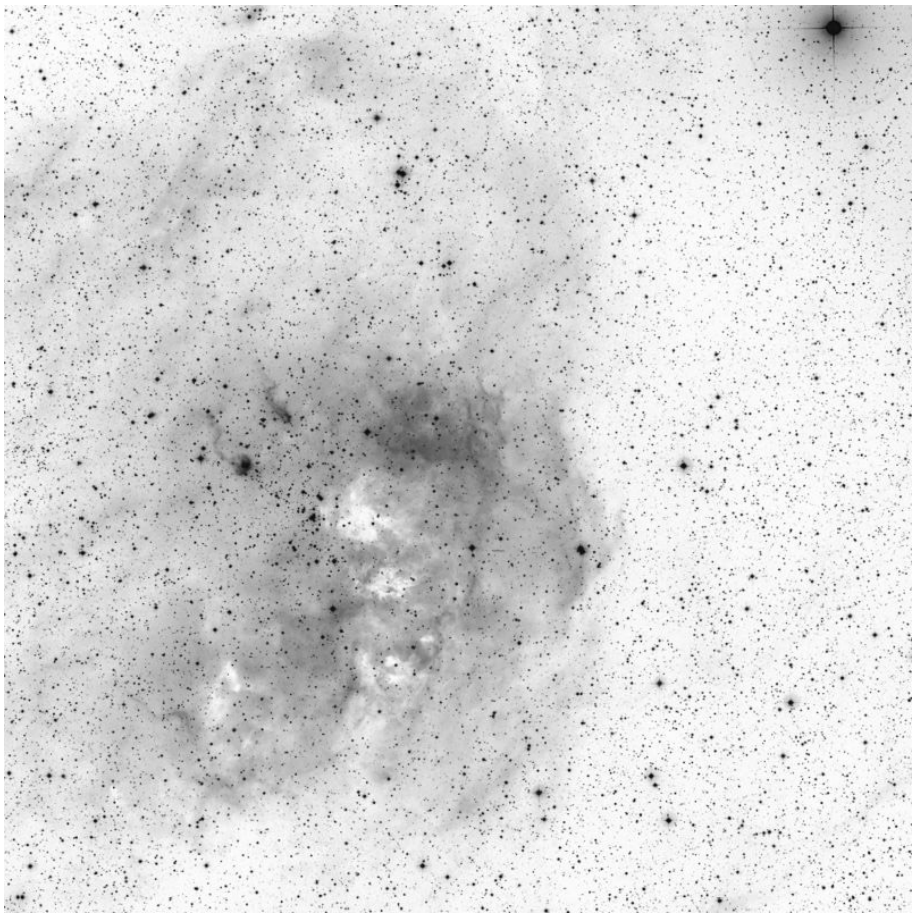


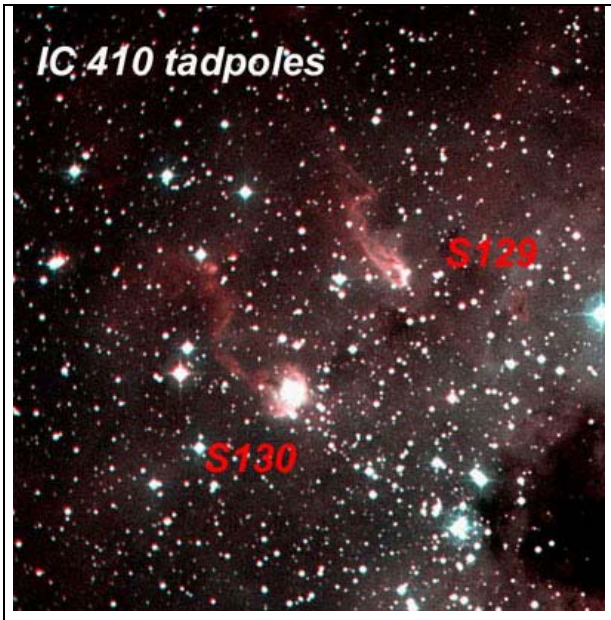
NGC 1555	04 21 57 +19 32 02	around T Tauri

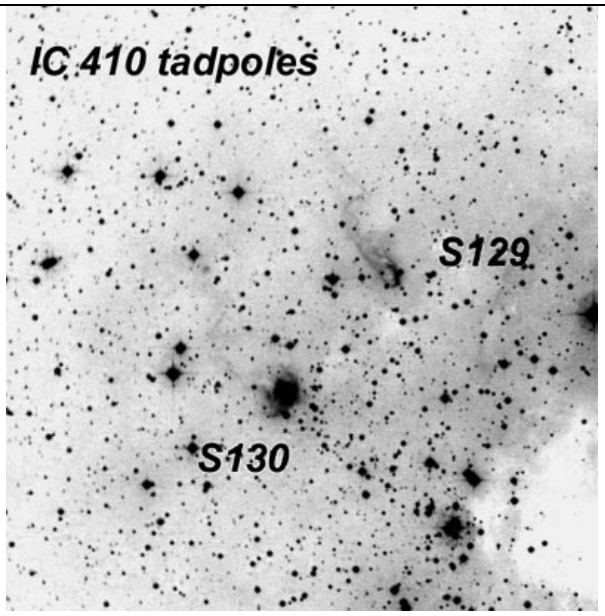

+25°00'
+20°00'
+15°00'
5h00m
4h30m
4h00m
NGC 1746
NGC 1647
Taurus
M 45
VdB 21
vdB 2
vdB 3
98
99
97
96
1
44
χ
τ
72
υ
κ1
κ2
56
51
53
ω2
ω1
36
33
32
37
13
ε
δ3
δ1
δ2
63
α
75
89
ο1
85
θ1
θ2
71
γ
58
ρ
76
π
ο1
ο2
60
57
83
79
90
93
λ
18
21
19
16
17


+21°00'
+20°00'
+19°00'
+18°00'
4h30m
4h25m
4h20m
4h15m
UGC 3045
SH2-238
vdB 28
Be 84
LDN 1543
SH2-239
53
ω2
ε
δ3

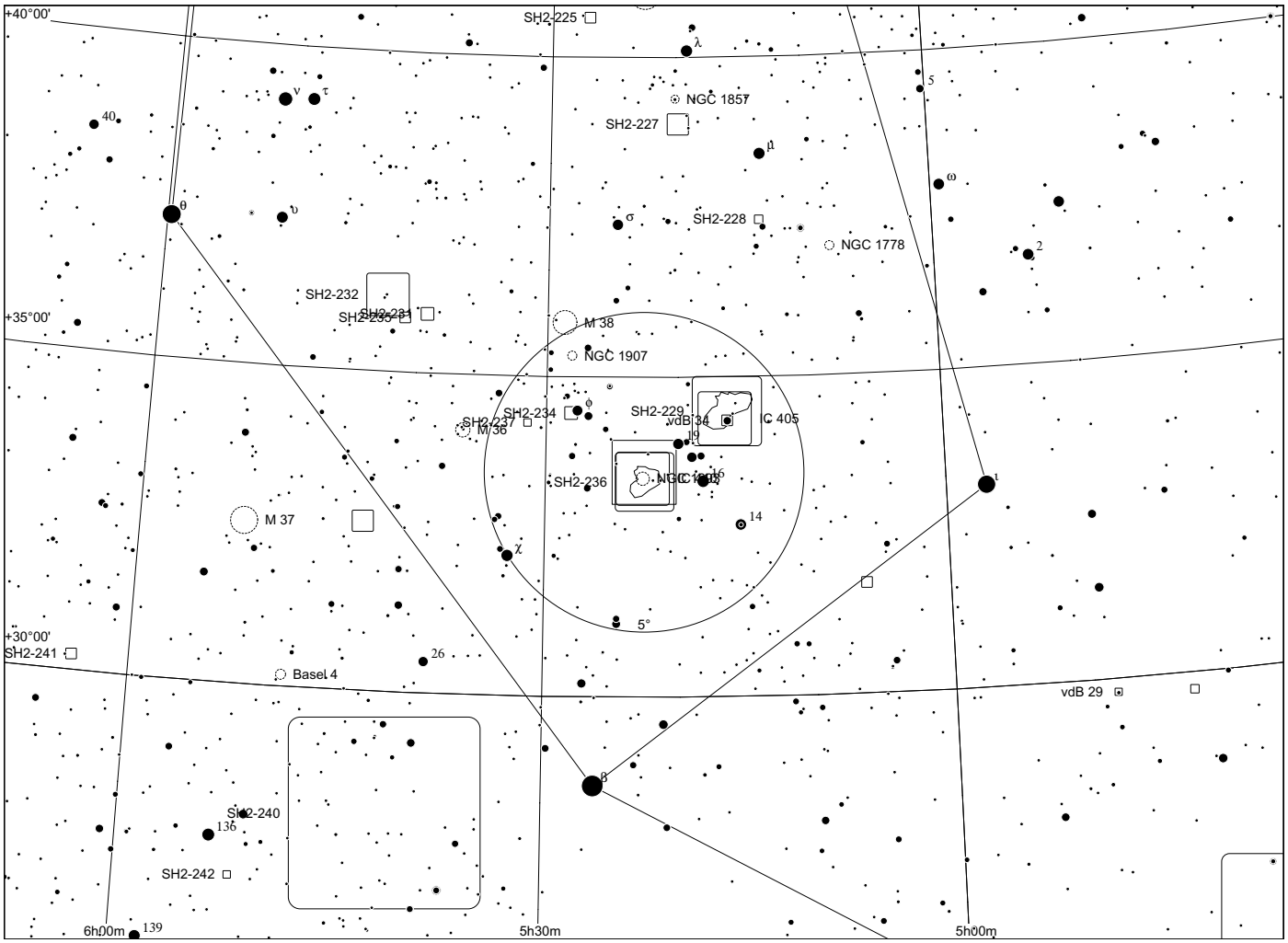
Tadpoles in IC410 in Auriga

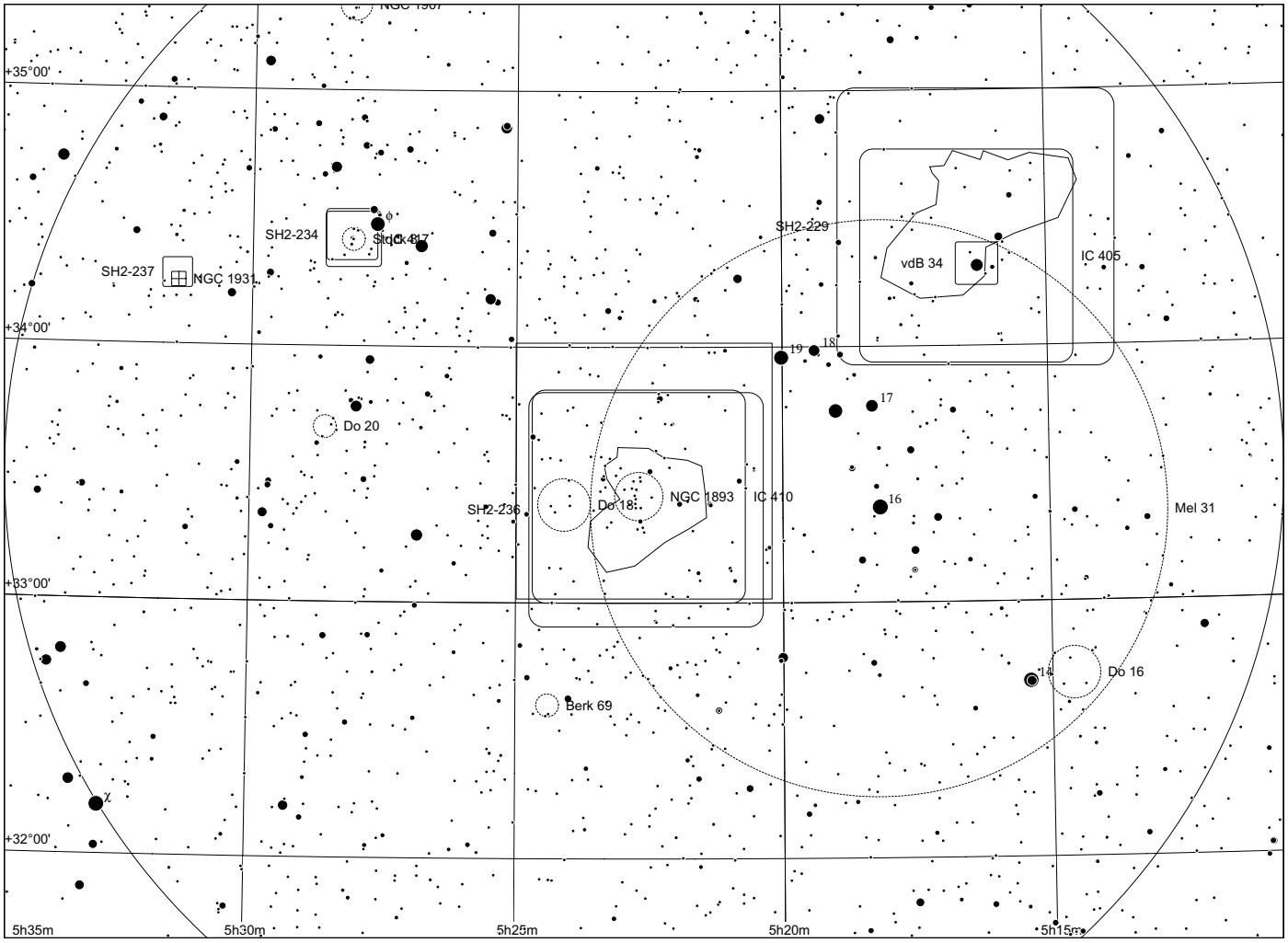




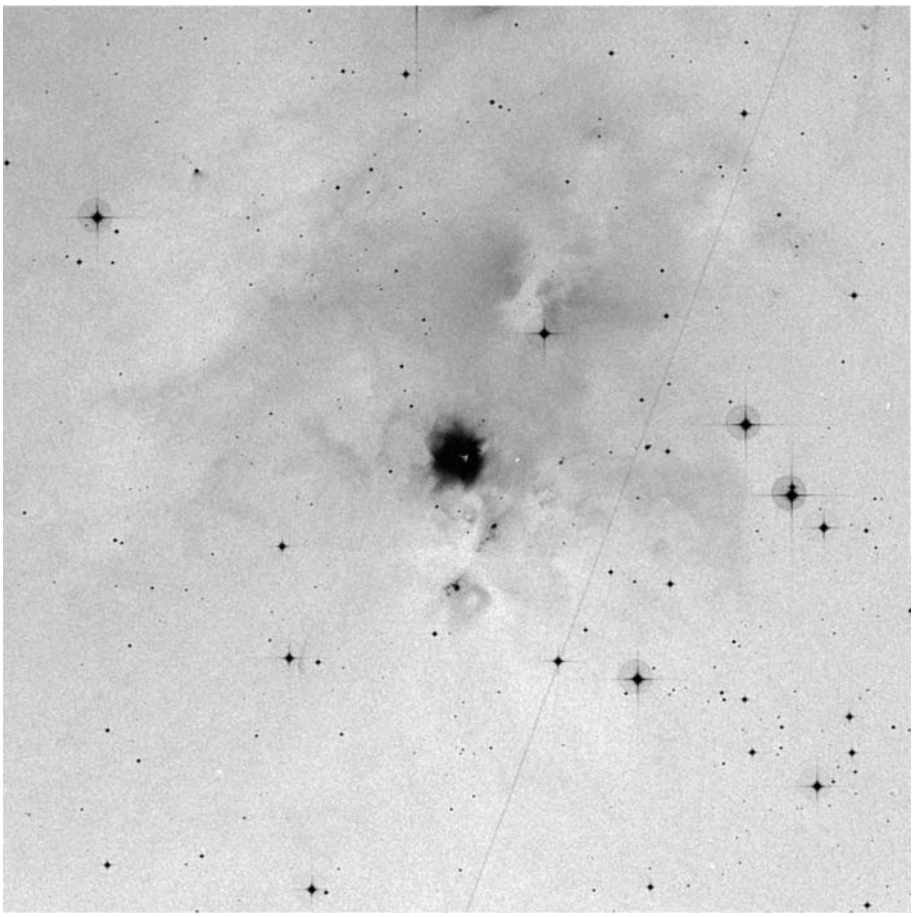


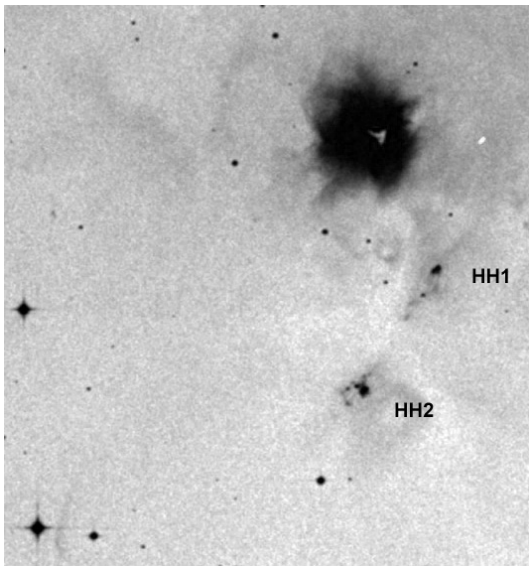
IC 410	05 23 08 +33 28 40	


+40°00'
SH2-225
NGC 1857
SH2-227
SH2-228
NGC 1778
SH2-232
SH2-231
SH2-233
+35°00'
M 38
NGC 1907
SH2-234
SH2-229
vdB 34
IC 405
SH2-237
M 36
SH2-236
M 37
5°
+30°00'
SH2-241
Basel 4
vdB 29
SH2-240
SH2-242
6h00m
5h30m
5h00m


+35°00'
SH2-234
Stock 17
SH2-237
NGC 1931
SH2-229
vdB 34
IC 405
+34°00'
Do 20
SH2-236
Do 18
NGC 1893
IC 410
Mel 31
+33°00'
Do 16
Berk 69
+32°00'
5h35m
5h30m
5h25m
5h20m
5h15m

V380 Ori/NGC 1999 in Orion



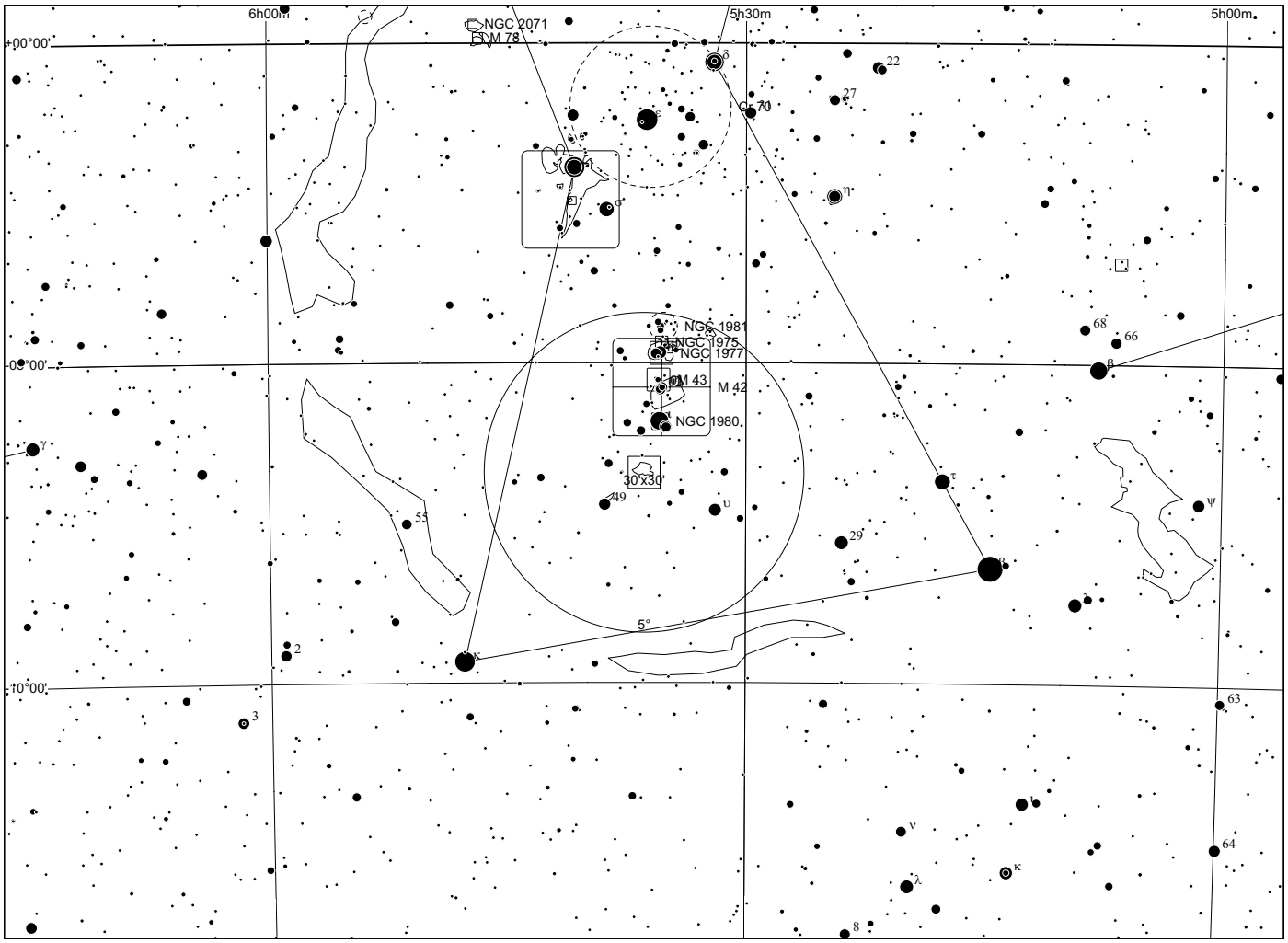


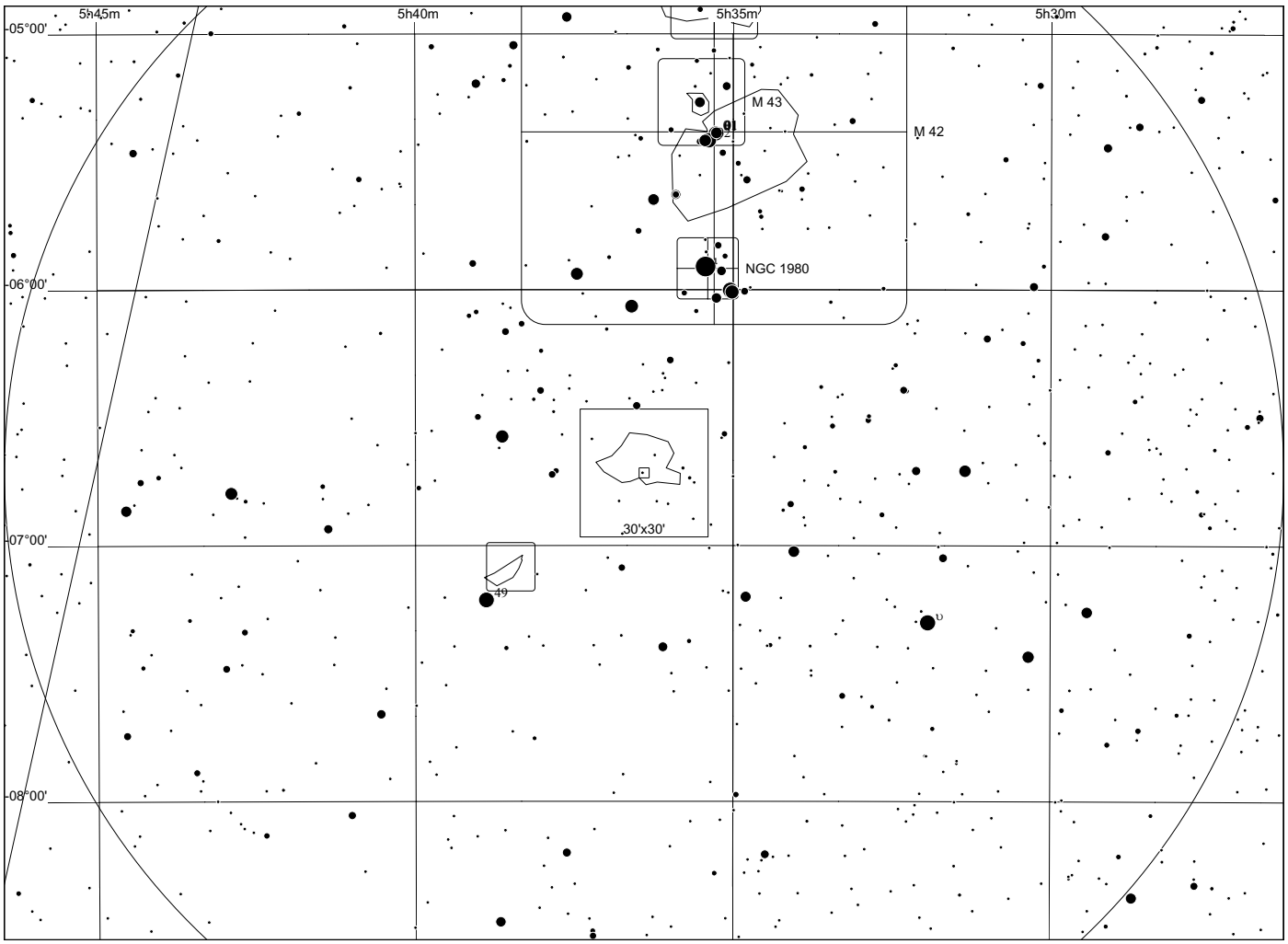
HH1 and HH2 in the vicinity of NGC 1999

	other	RA	Dek	comments
NGC 1999	V380 Ori	05 36 27	-06 43 18	with **HH 1**and **HH 2**

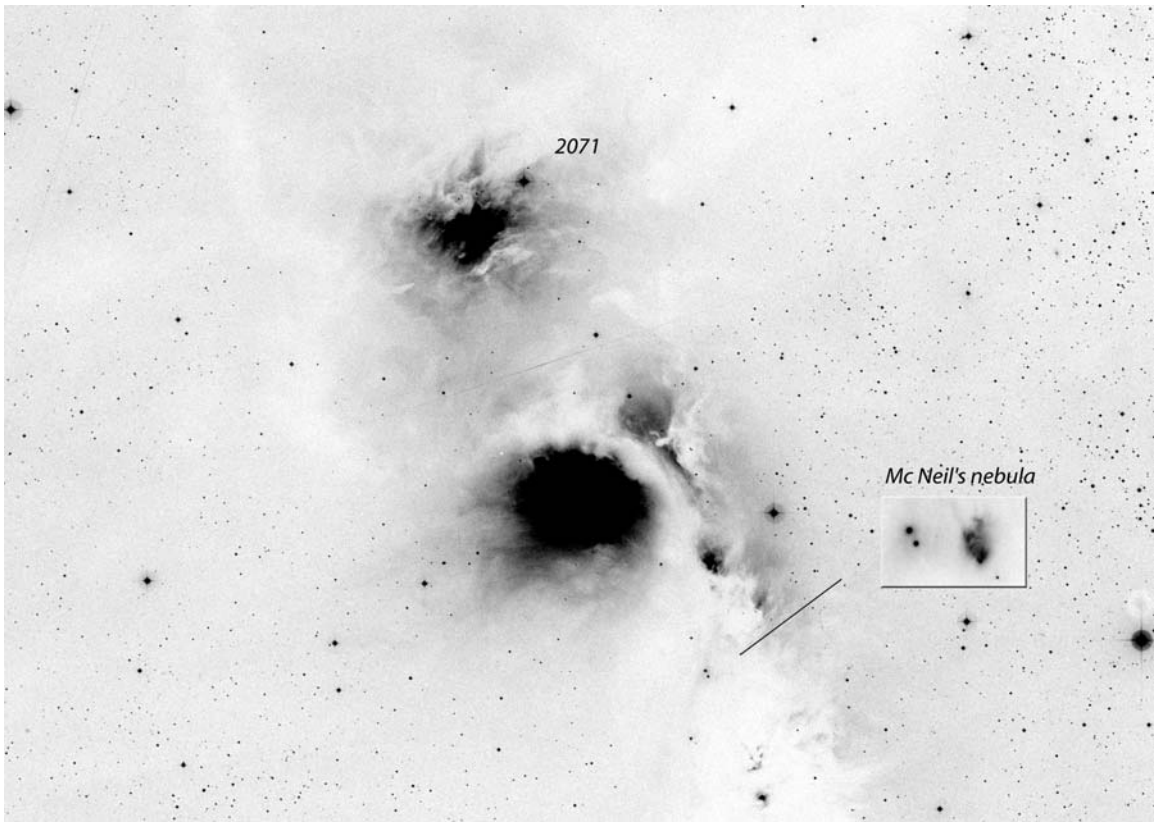
Observing notes:

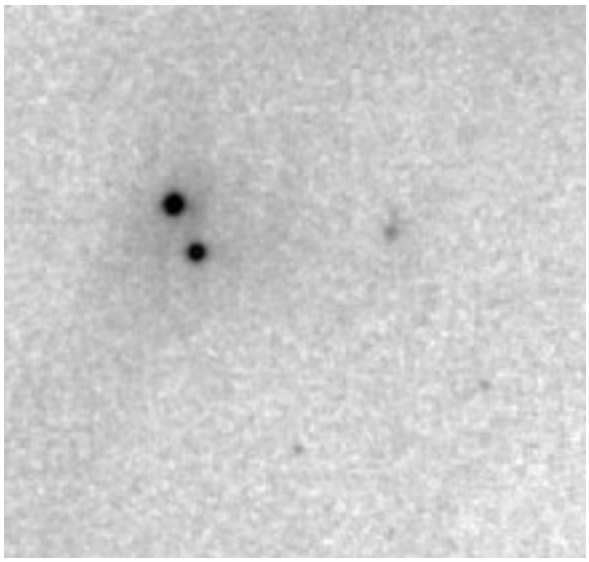
22" f/4.5
NGC 1999 is an easy object already in smaller telescopes. The nebulosity is small. The star sits within the nebulosity at the edge of the keyhole shaped obscuration to the W. HH1 and HH2 are to the S of NGC 1999. HH2 could be held indirectly, while HH1 required indirect vision.


6h00m
5h30m
5h00m
+00°00'
-05°00'
-10°00'
NGC 2071
M 78
NGC 1981
NGC 1975
NGC 1977
M 43
M 42
NGC 1980
30'x30'
5°


5h45m
5h40m
5h35m
5h30m
-05°00'
-06°00'
-07°00'
-08°00'
M 43
M 42
NGC 1980
30'x30'

V1647 Ori/Mc Neil's Nebula in M78 in Orion





POSS red

POSS composite

	other	RA	Dek	comments
V* V1647 Ori		05 46 13.14	-00 06 04.8	FU Ori type

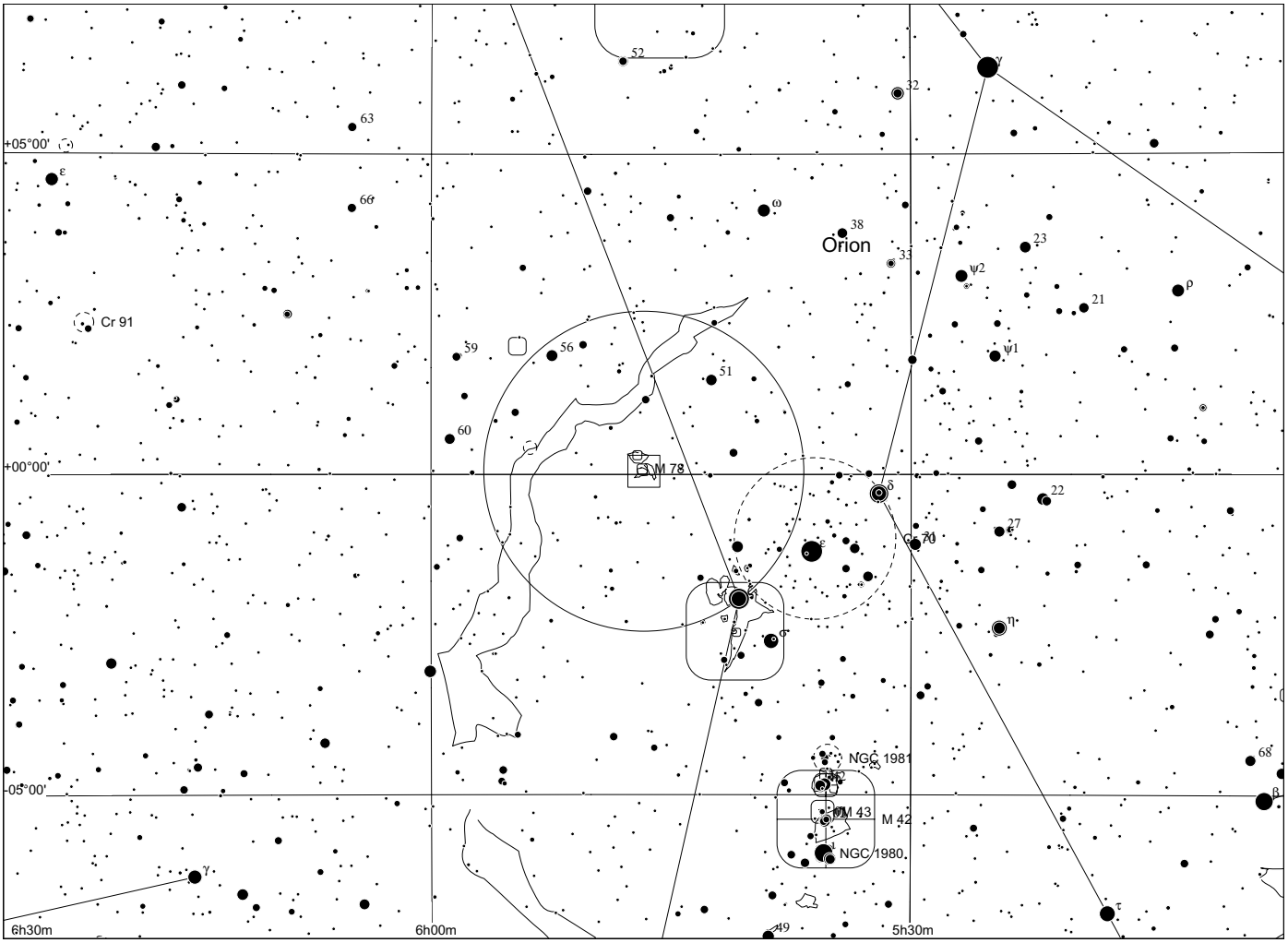
Observing notes:

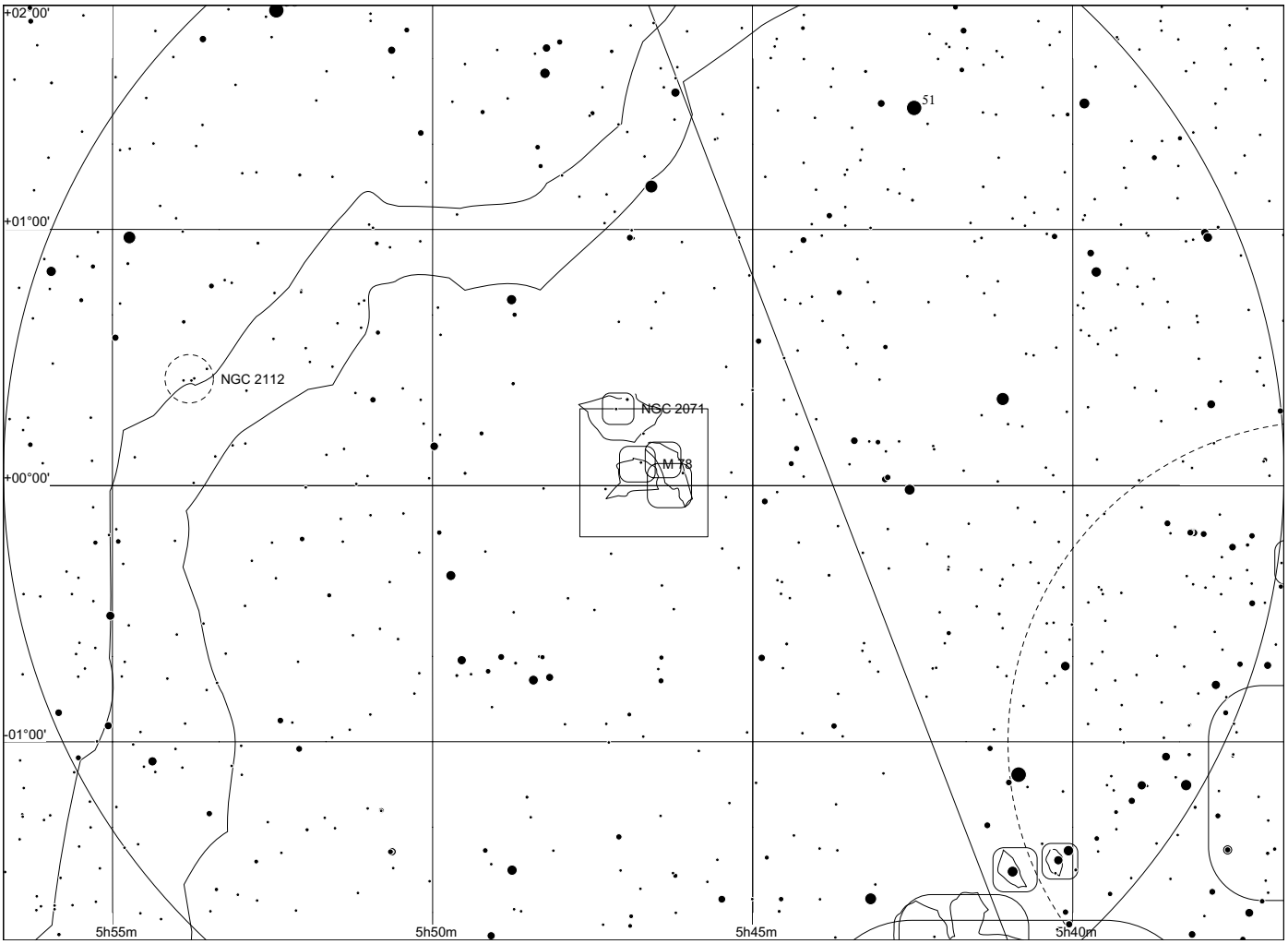
22" f/4.5

Maybe you remember the sudden appearance of McNeil's Nebula in M78? This nebula was discovered photographically as a new object in the dusty landscape around M78 in 2004 by amateur observer Jay McNeil. At that time, it was accessible to visual observation. An attempt to observe the nebula in 2006 with my 22" Dob failed. In the end of 2008 it appeared to brighten again and I gave it another try.

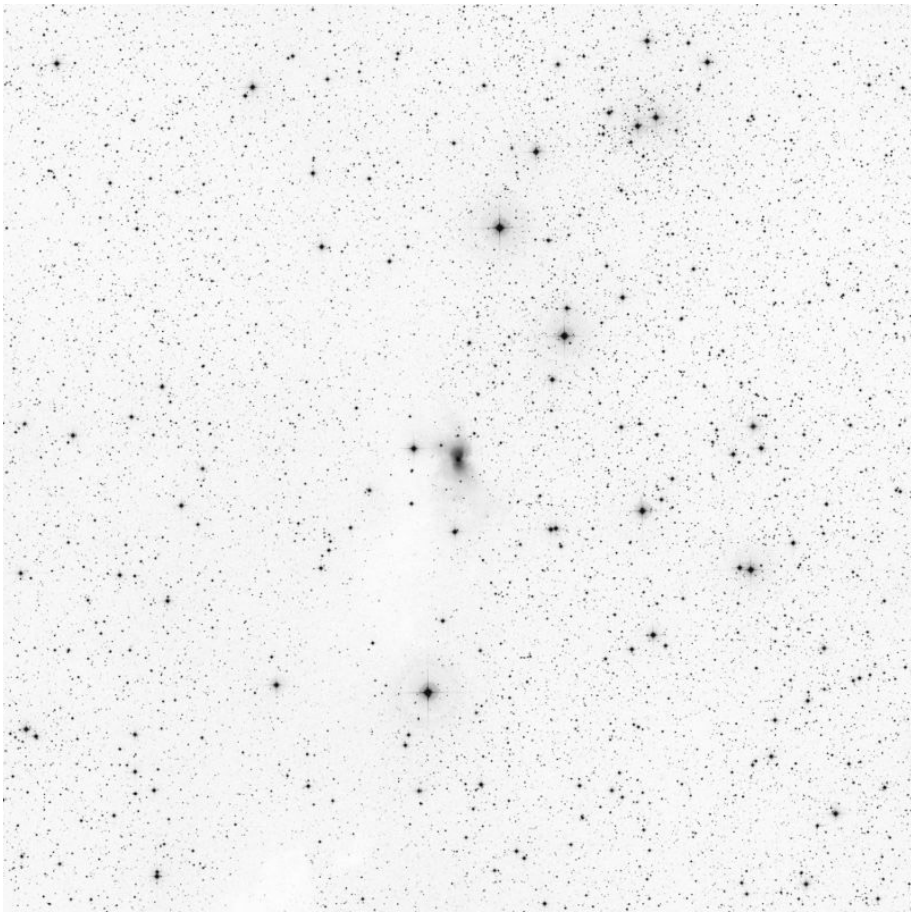
It proved to be not exactly easy to locate the field. Due to the obscuring dark clouds, the environment of M78 lacks stars and star patterns suitable for star hopping, and the few remaining stars are considerably dimmed. It took me therefore some time to locate the precise position and to permanently hold the faint field stars. Close to the position of McNeil's Nebula is a close pair of stars, which are difficult to split visually due to their faintness. This double star forms an equilateral triangle with two other stars to the south and to the west. Mc Neil's nebula is next to the double star. I estimated the nebula's brightness to be somewhat lower than that of the combined double star, but it could be seen steadily with averted vision.

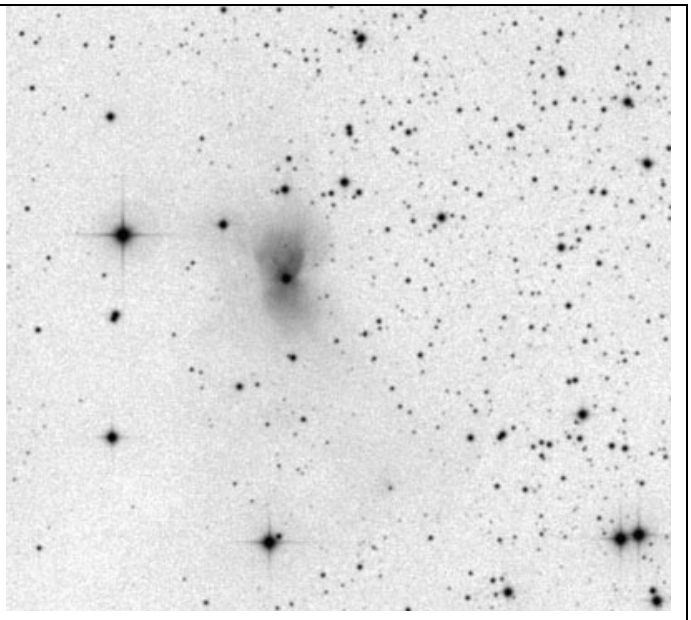
There are further YSOs toward S (not observed). Re-observed in January 2011 with similar result.


Orion
Cr 91
M 78
NGC 1981
M 43
M 42
NGC 1980
+05°00'
+00°00'
-05°00'
6h30m
6h00m
5h30m

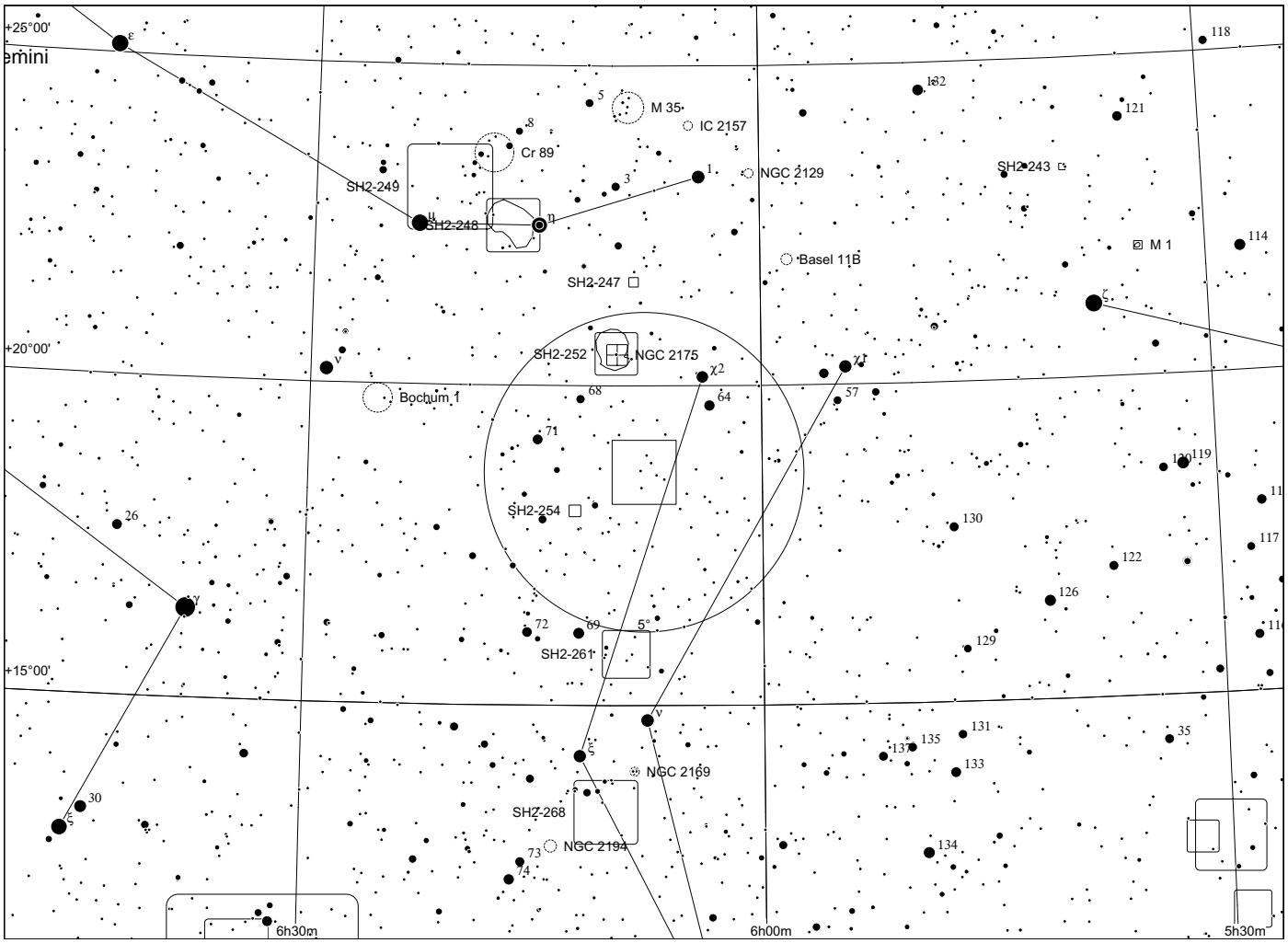

NGC 2112
NGC 2071
M 78
+02°00'
+01°00'
+00°00'
-01°00'
5h55m
5h50m
5h45m
5h40m

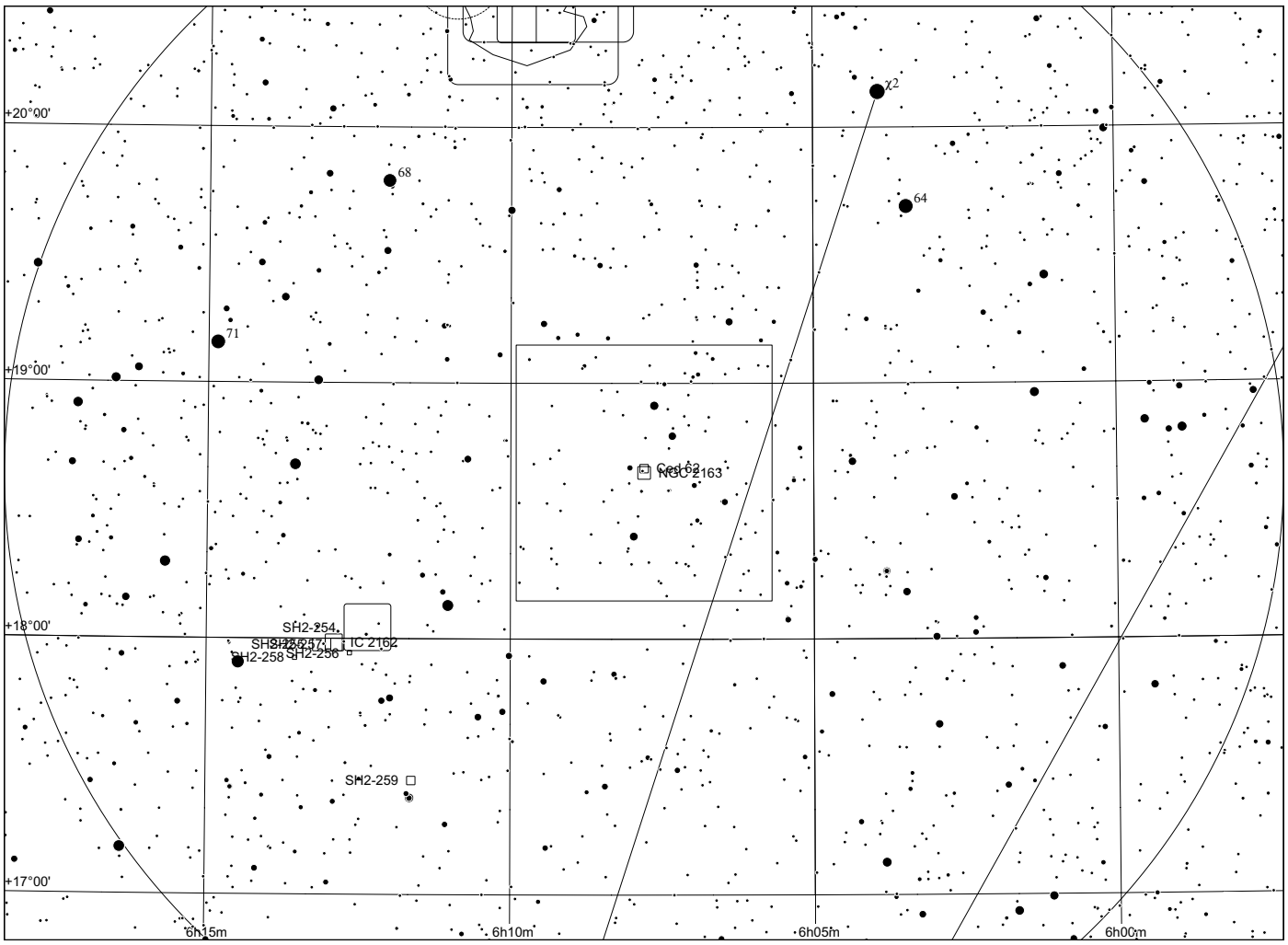
Ced 62 (NGC 2163) in Orion



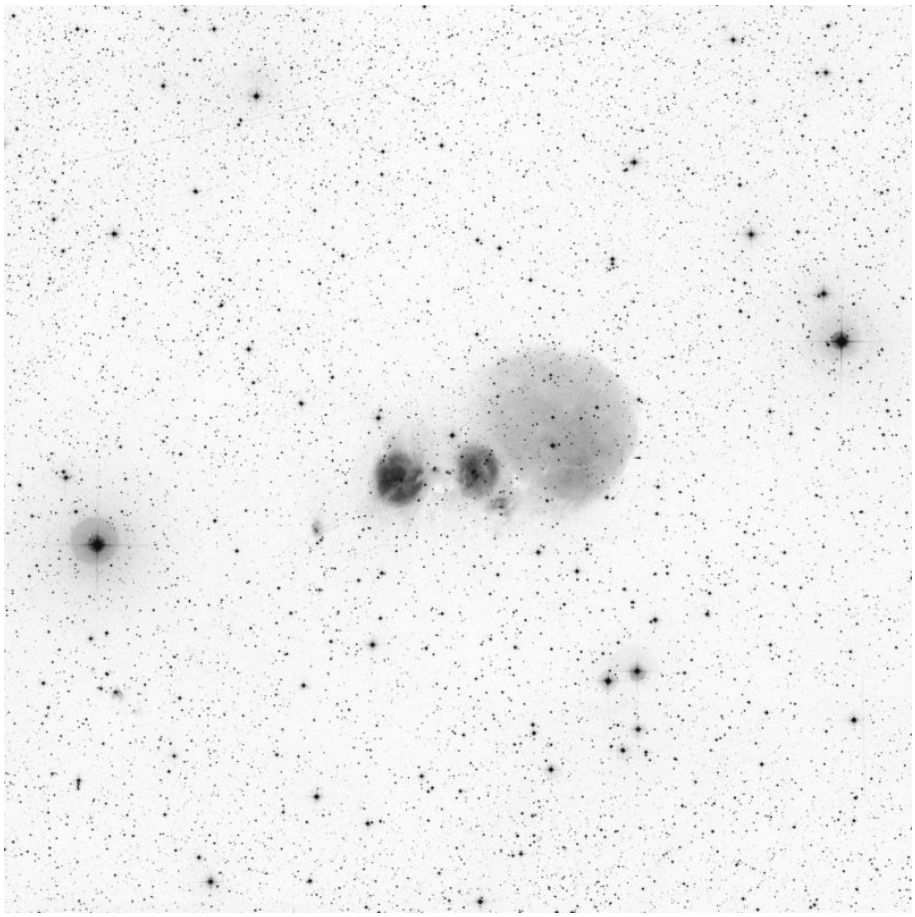


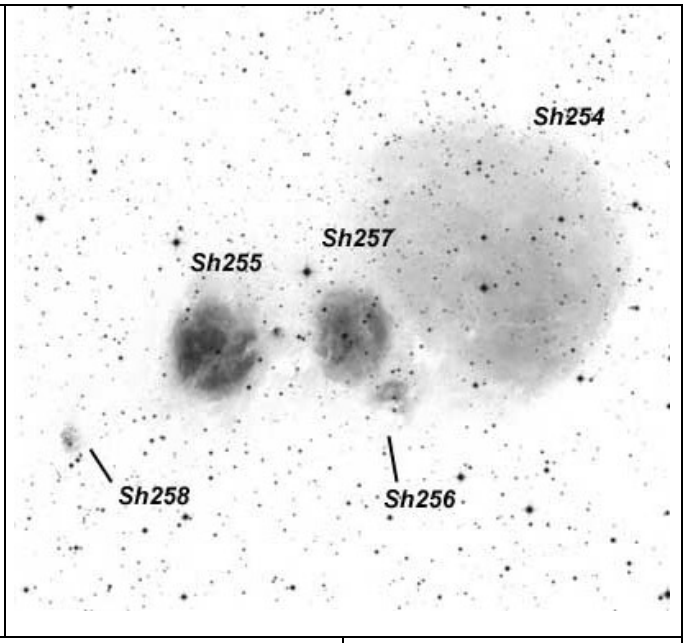
NGC 2163	06 07 50 +18 39 27	


+25°00'
emini
ε
118
182
121
5
M 35
IC 2157
8
Cr 89
1
NGC 2129
SH2-243
3
SH2-249
μ
SH2-248
η
M 1
114
Basel 11B
SH2-247
ζ
+20°00'
SH2-252
NGC 2175
χ2
χ1
ν
Bochum 1
68
64
57
71
120
119
11
26
SH2-254
130
117
122
126
γ
72
69
5
SH2-261
129
+15°00'
ν
131
35
ξ
137
135
133
NGC 2169
30
ξ
SH2-268
NGC 2194
134
73
74
6h30m
6h00m
5h30m

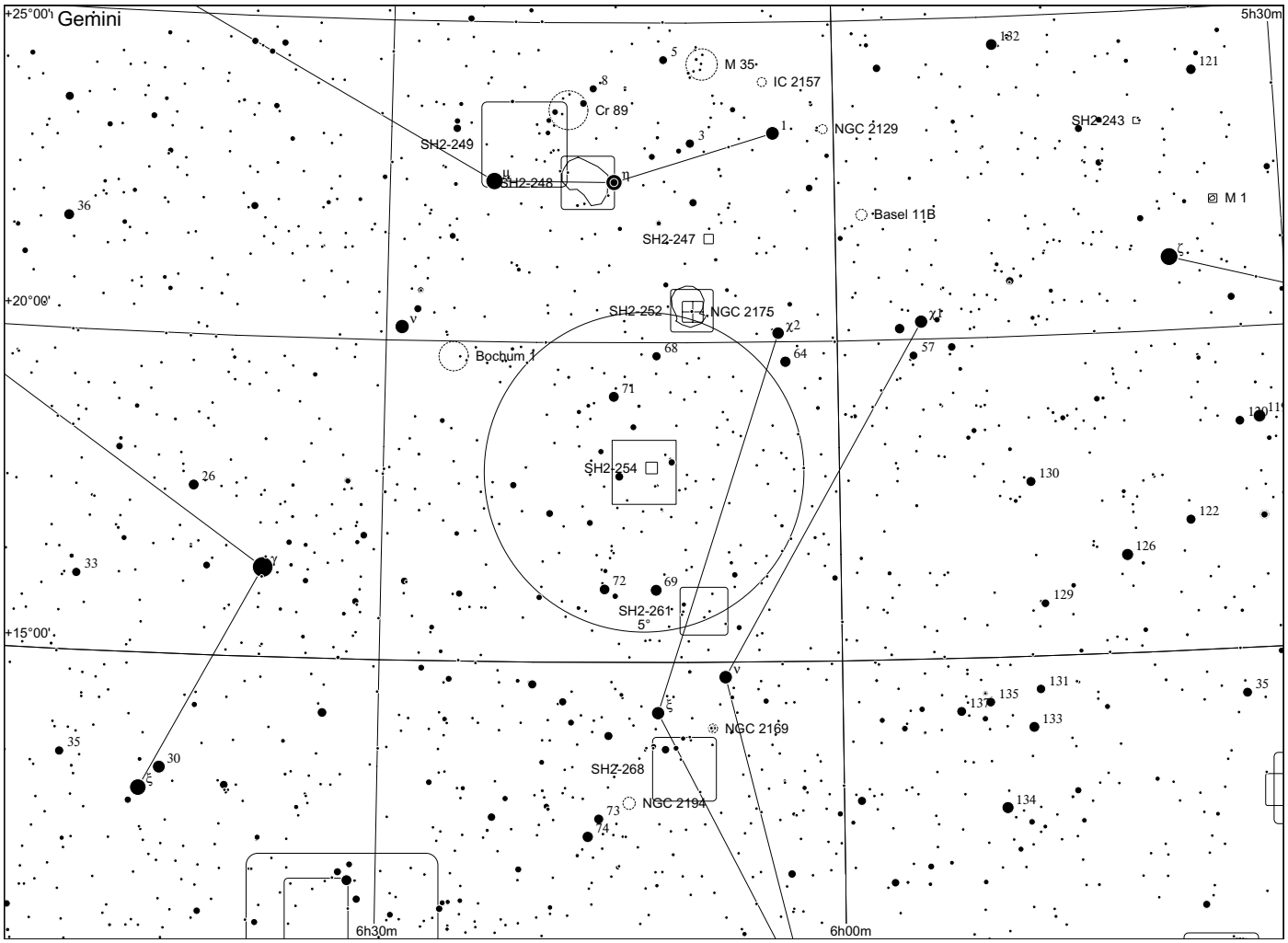

+20°00'
χ2
68
64
71
+19°00'
Ced 62
NGC 2163
+18°00'
SH2-254
SH2-257
IC 2162
SH2-258
SH2-256
SH2-259
+17°00'
6h15m
6h10m
6h05m
6h00m

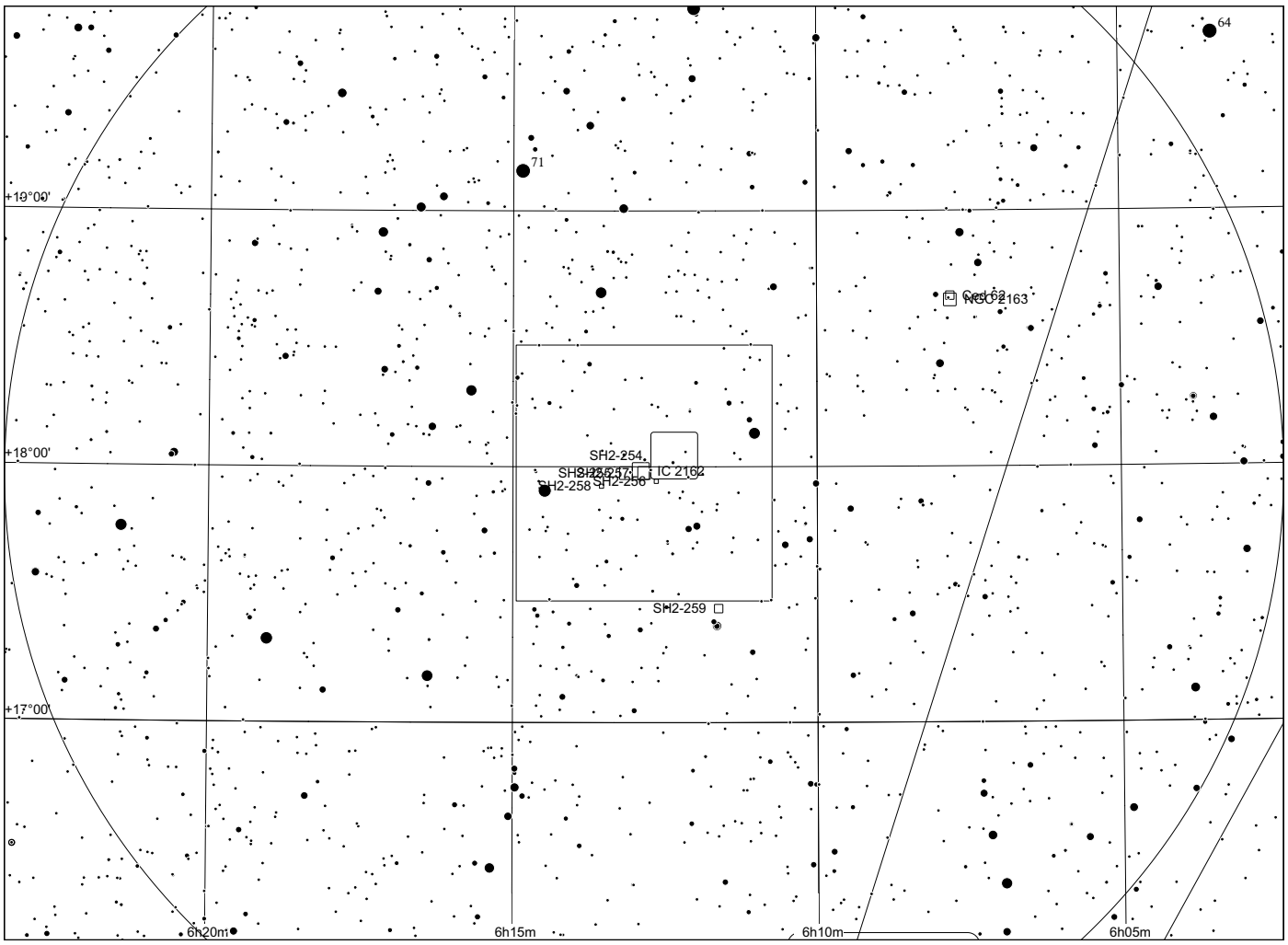
Sharpless 257 and friends in Orion



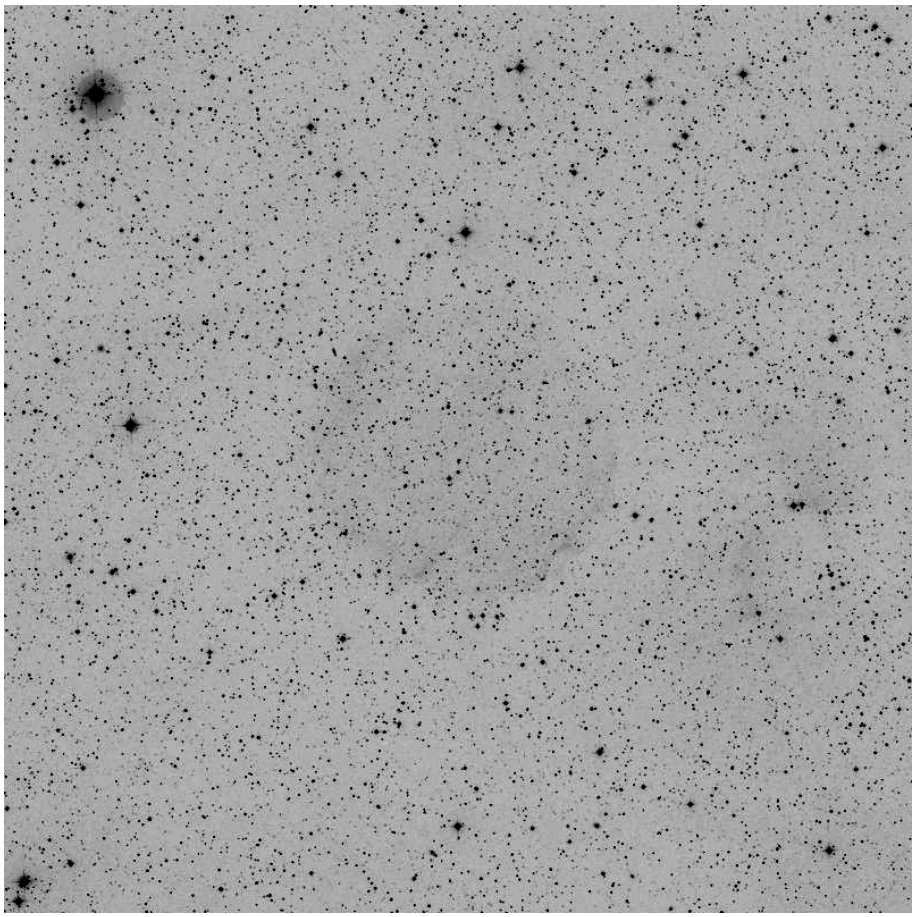


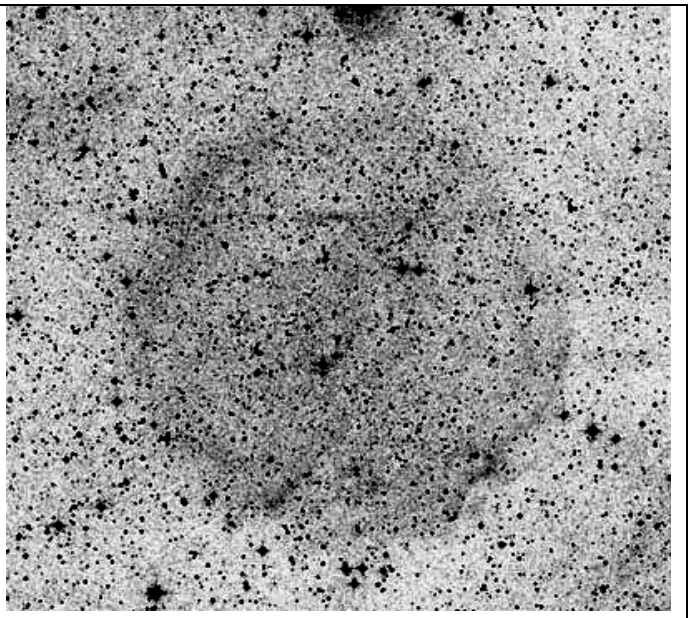
Sh2-257	06 07 50 +18 39 27	


Gemini
+25°00'
5h30m
M 35
IC 2157
Cr 89
NGC 2129
SH2-243
SH2-249
SH2-248
M 1
Basel 11B
SH2-247
+20°00'
SH2-252
NGC 2175
Bochum 1
SH2-254
SH2-261
5°
+15°00'
NGC 2169
SH2-268
NGC 2194
6h30m
6h00m

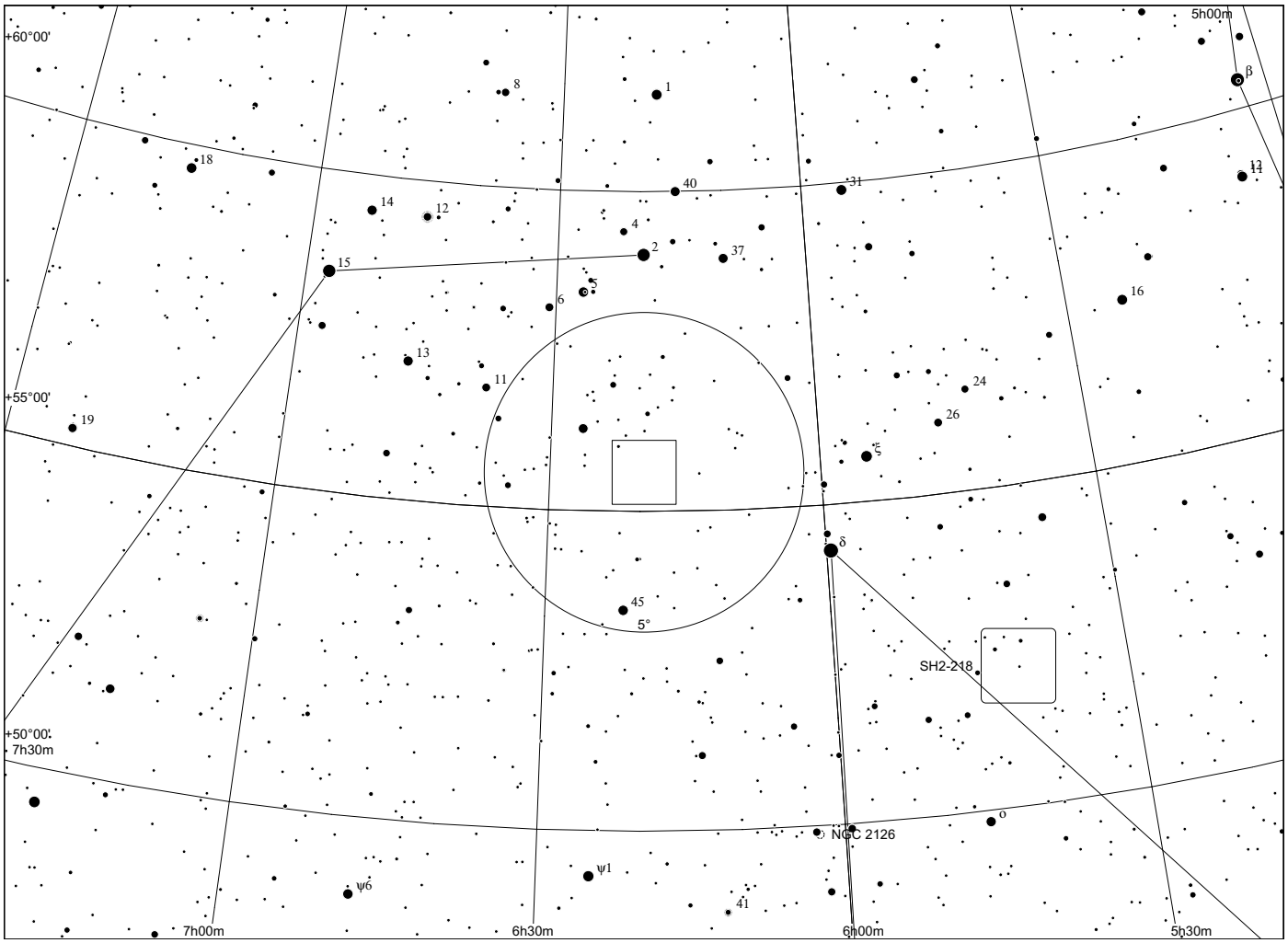

+19°00'
NGC 2163
+18°00'
SH2-254
SH2-257
IC 2162
SH2-258
SH2-256
SH2-259
+17°00'
6h20m
6h15m
6h10m
6h05m

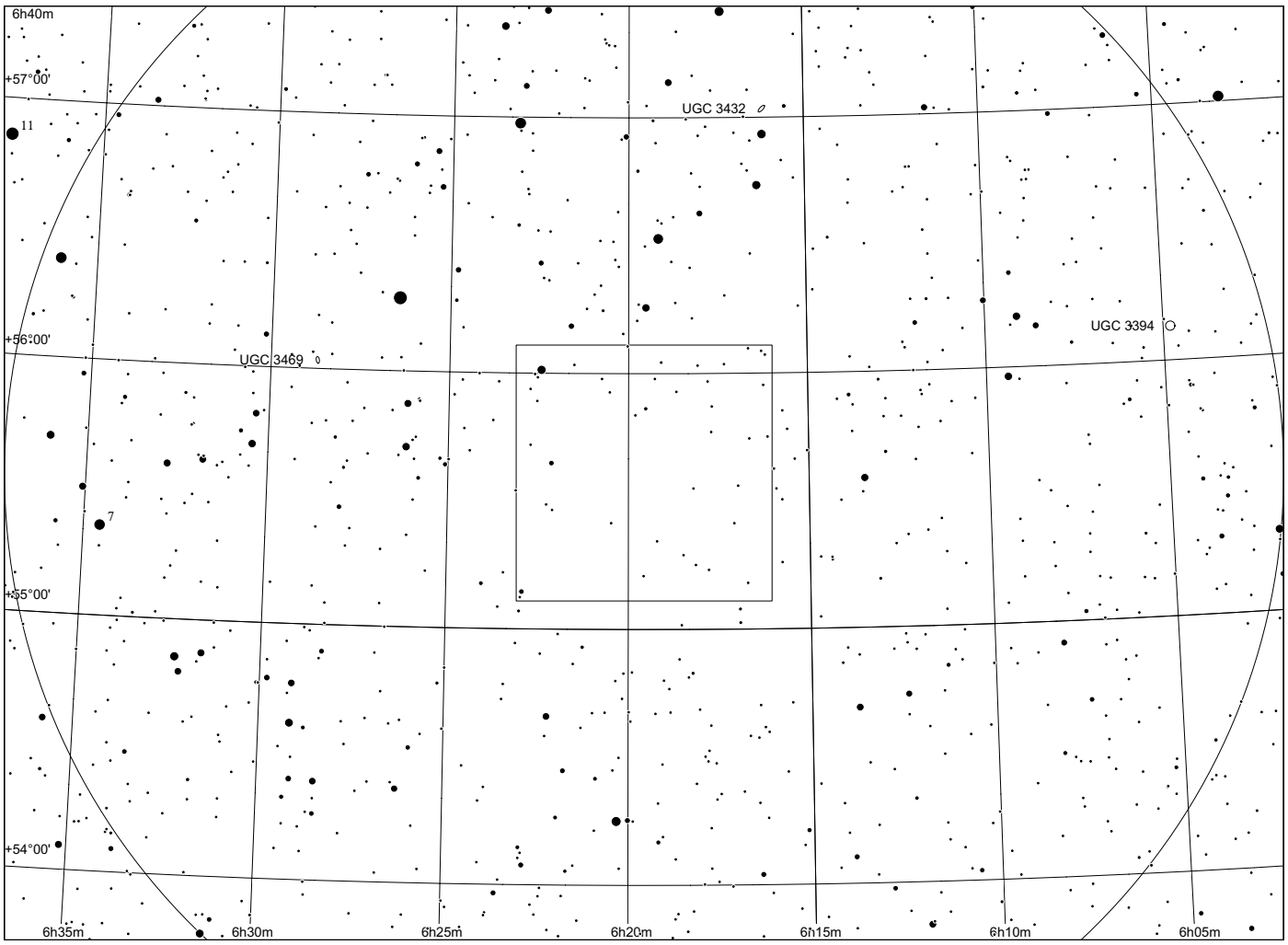
Purgathofer-Weinberger 1 in Lynx



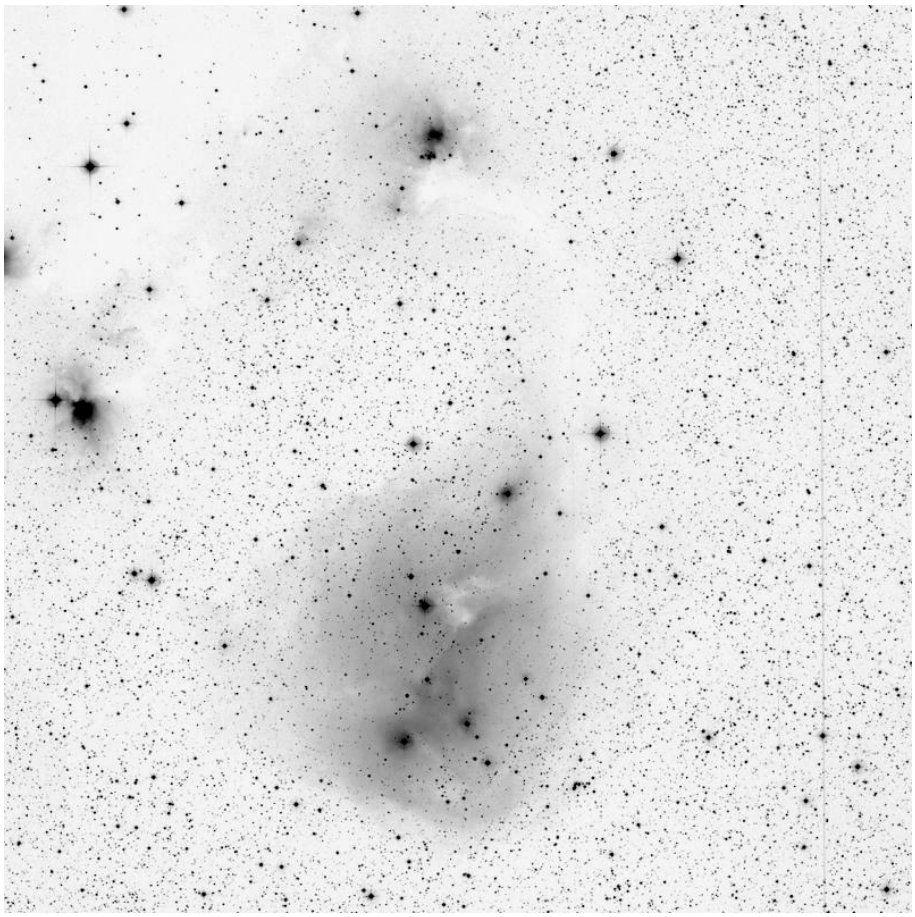


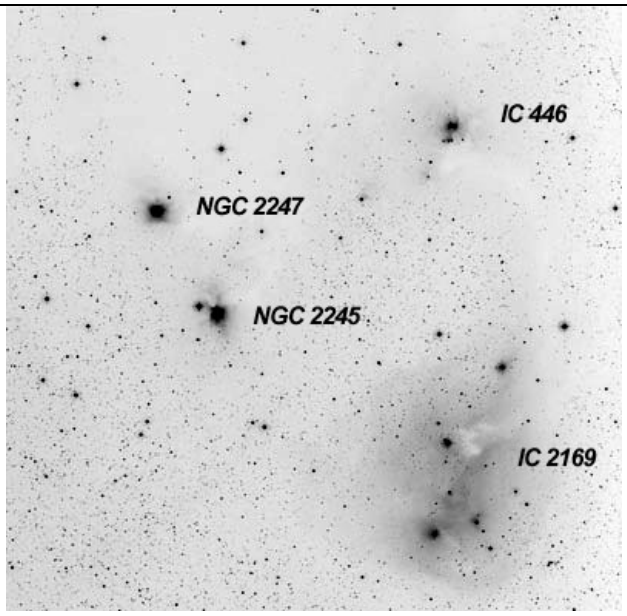
PuWe 1	06 19 34 +55 36 43	


+60°00'
5h00m
β
8
1
18
40
31
14
12
4
2
37
15
5
6
16
13
11
24
+55°00'
19
26
ζ
δ
45
5°
SH2-218
+50°00'
7h30m
o
NGC 2126
ψ1
ψ6
41
7h00m
6h30m
6h00m
5h30m

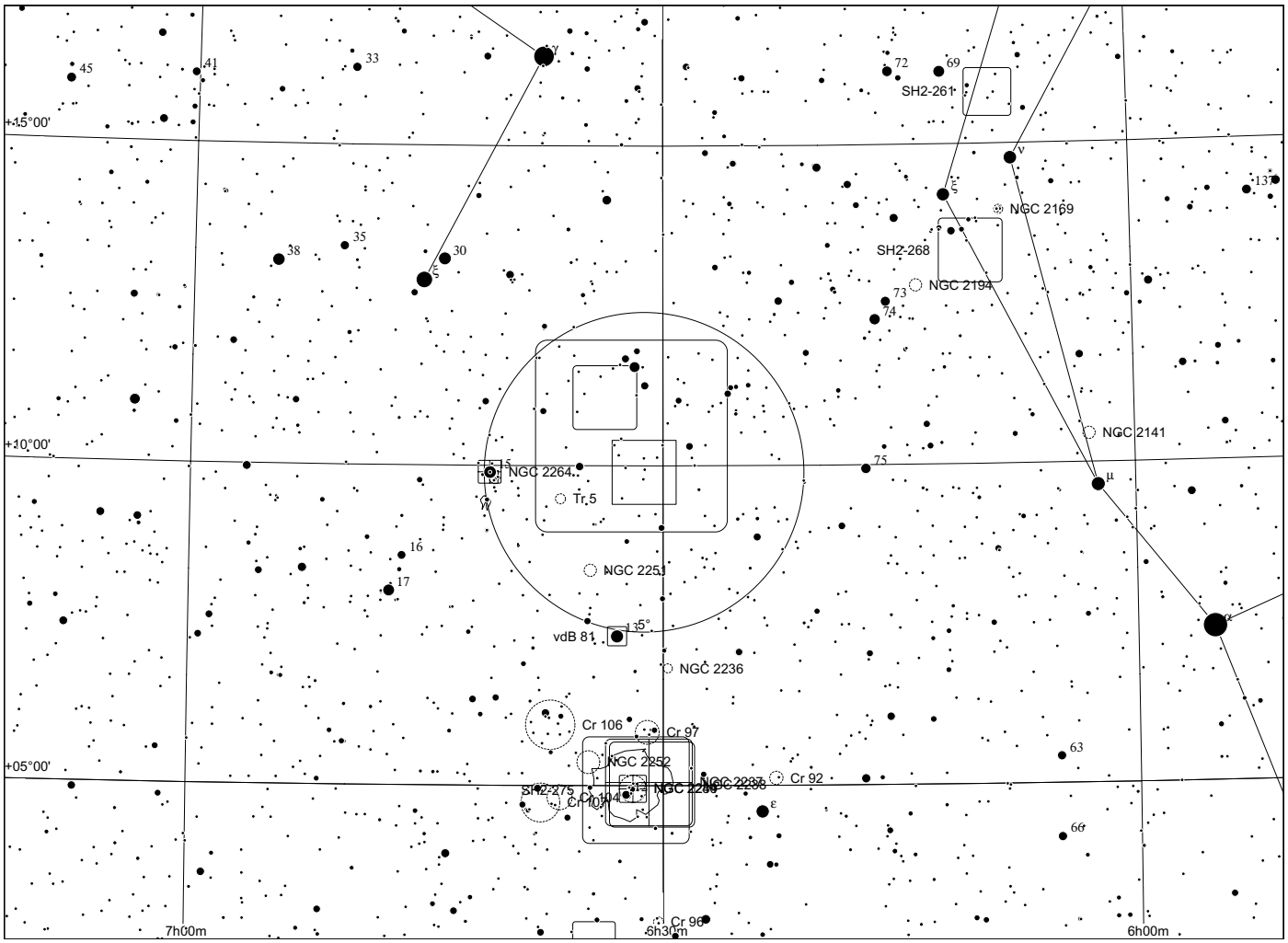

6h40m
+57°00'
UGC 3432
11
UGC 3394
+56°00'
UGC 3469
7
+55°00'
+54°00'
6h35m
6h30m
6h25m
6h20m
6h15m
6h10m
6h05m

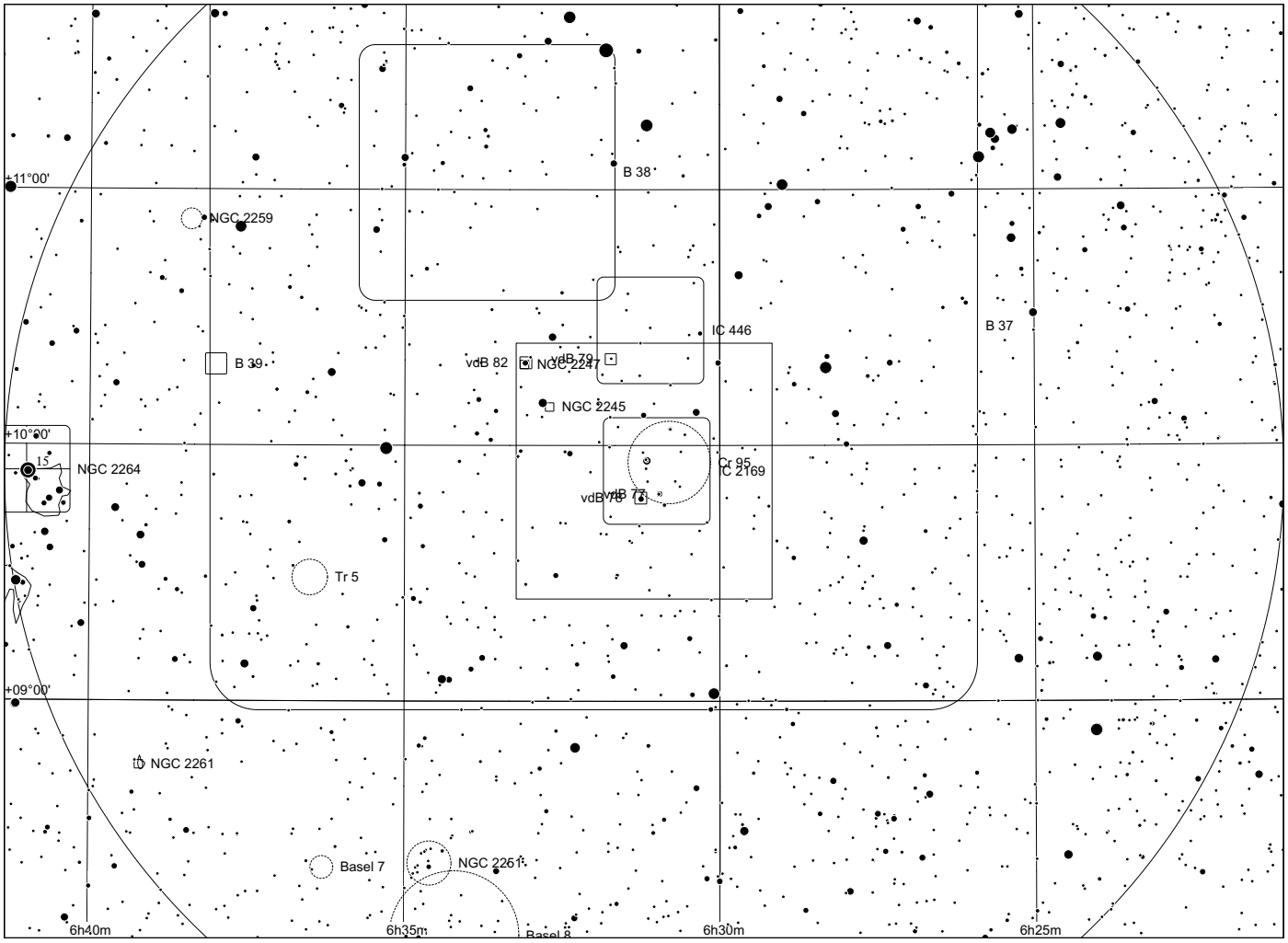
IC 2169 and friends in Monoceros



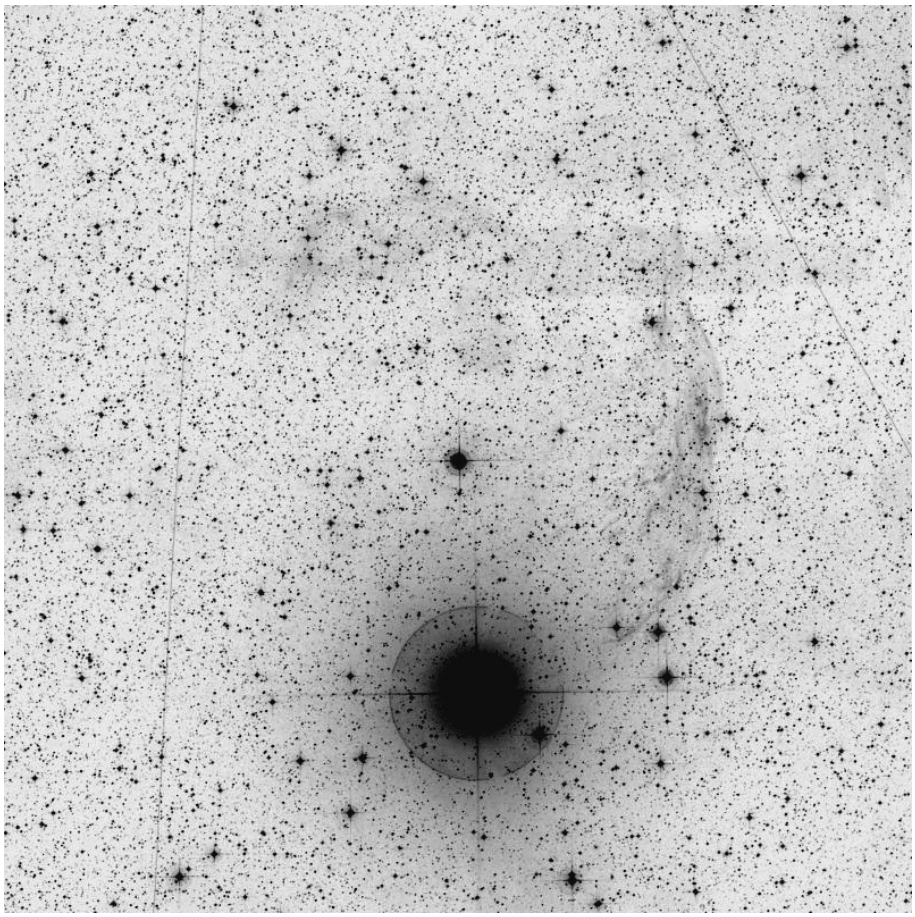


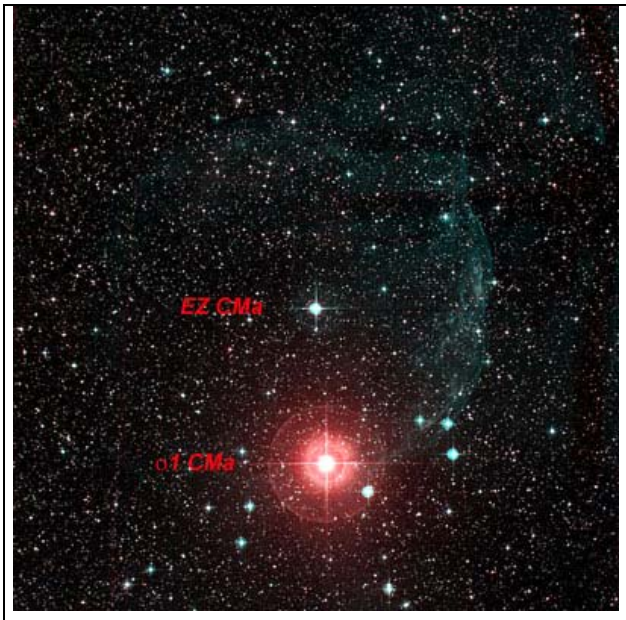
IC 2169	06 31 00 +10 05 00	

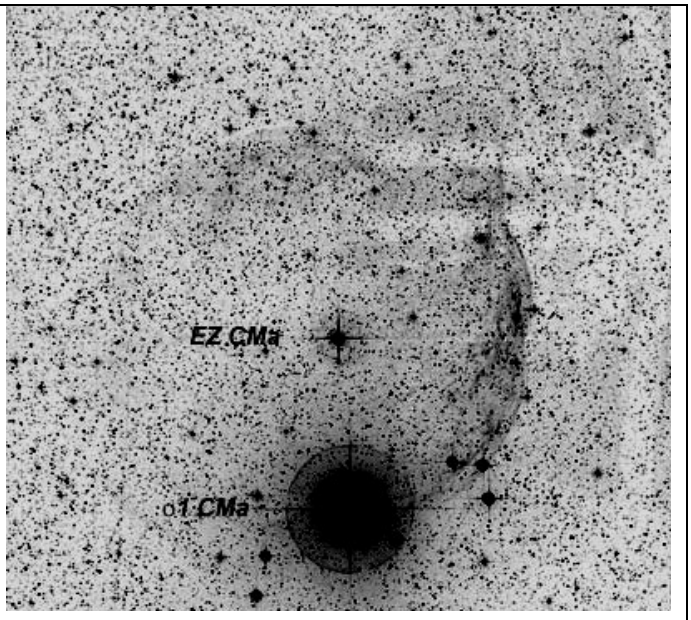

+15°00'
+10°00'
+05°00'
7h00m
6h30m
6h00m
45
41
33
72
69
SH2-261
13
NGC 2169
SH2-268
NGC 2194
73
74
38
35
30
NGC 2141
75
NGC 2264
Tr 5
16
17
NGC 2253
vdB 81
15°
NGC 2236
Cr 106
Cr 97
NGC 2252
63
Cr 92
SH2-275
Cr 104
Cr 100
66
Cr 96


+11°00'
+10°00'
+09°00'
6h40m
6h35m
6h30m
6h25m
B 38
NGC 2259
IC 446
B 37
B 39
vdB 82
NGC 2247
vdB 79
NGC 2245
15
NGC 2264
Cr 95
IC 2169
vdB 78
vdB 77
Tr 5
NGC 2261
Basel 7
NGC 2261
Basel 8

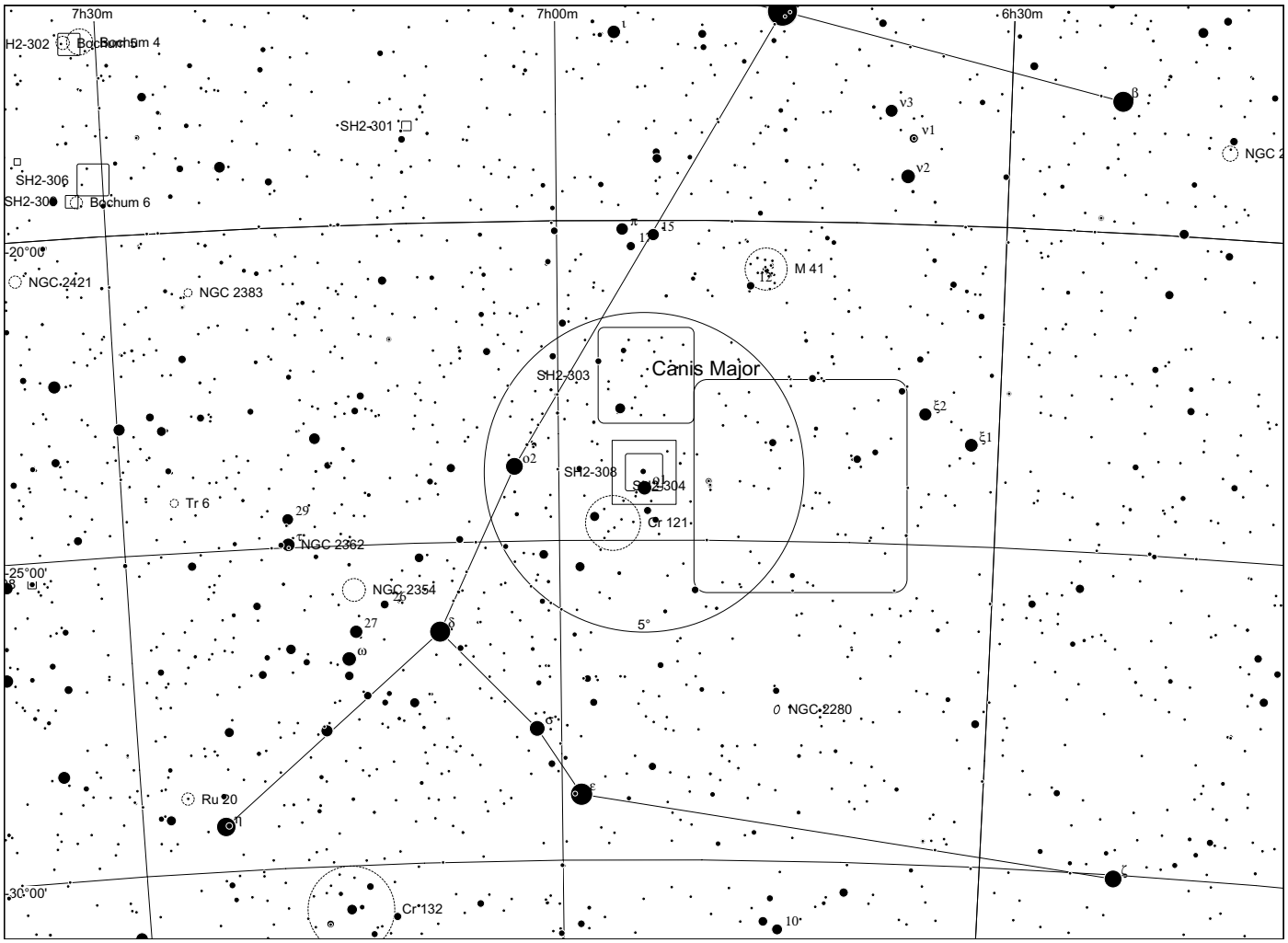
Sharpless 308 in Canis Major

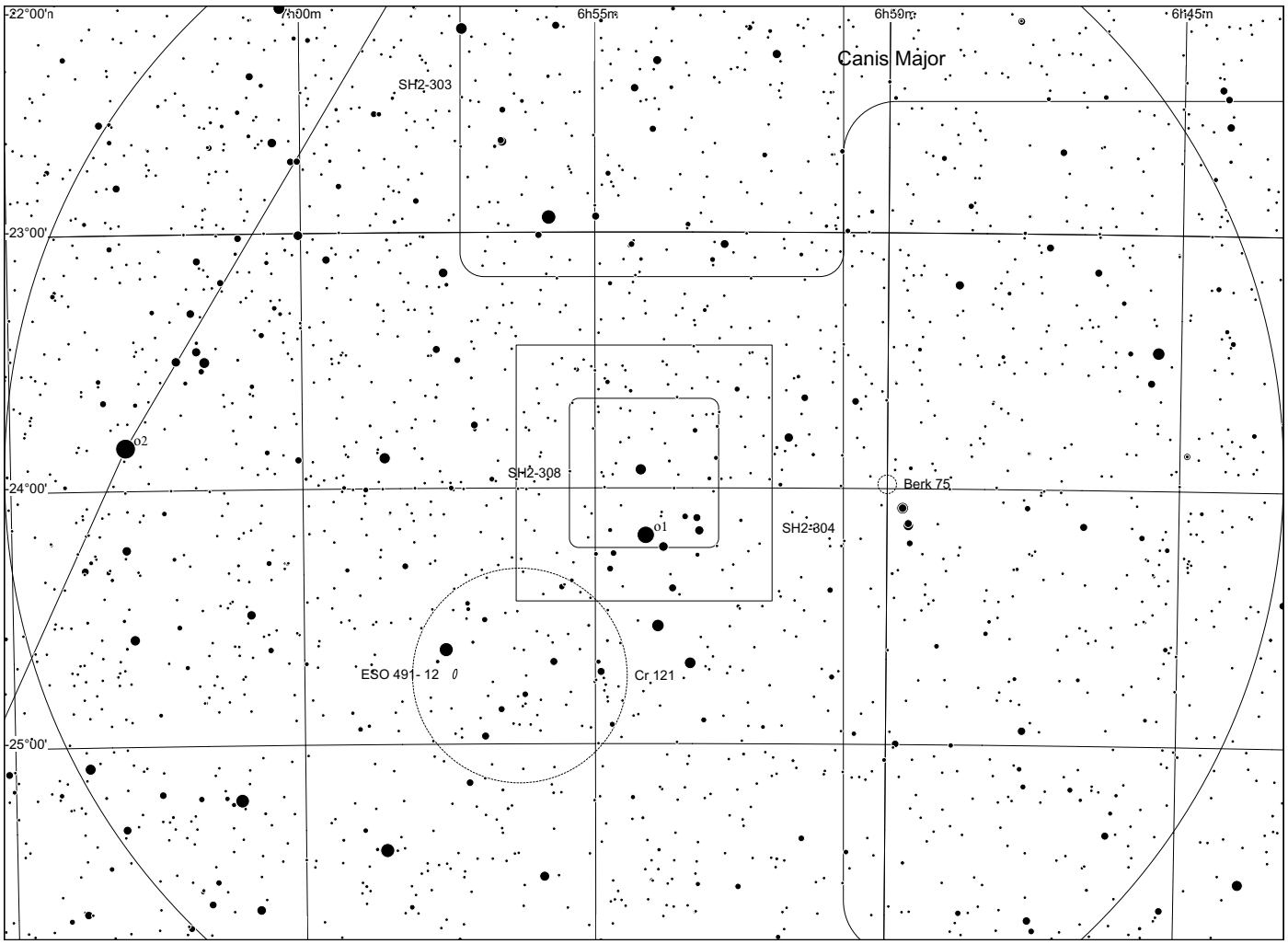




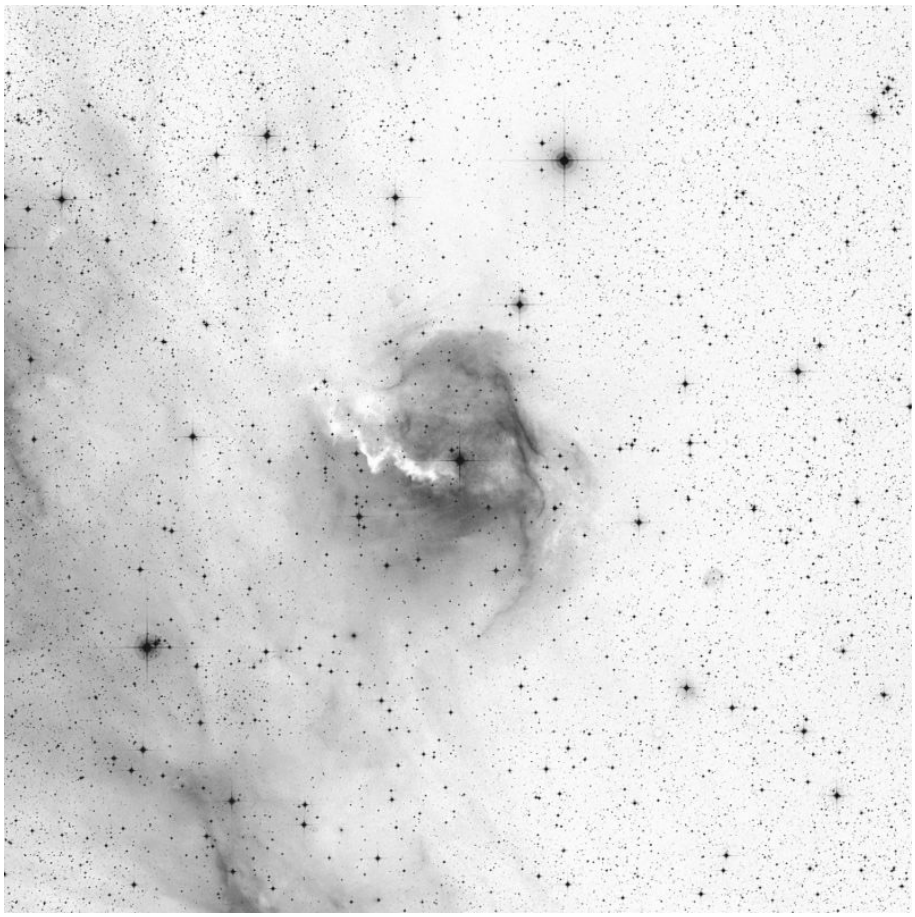


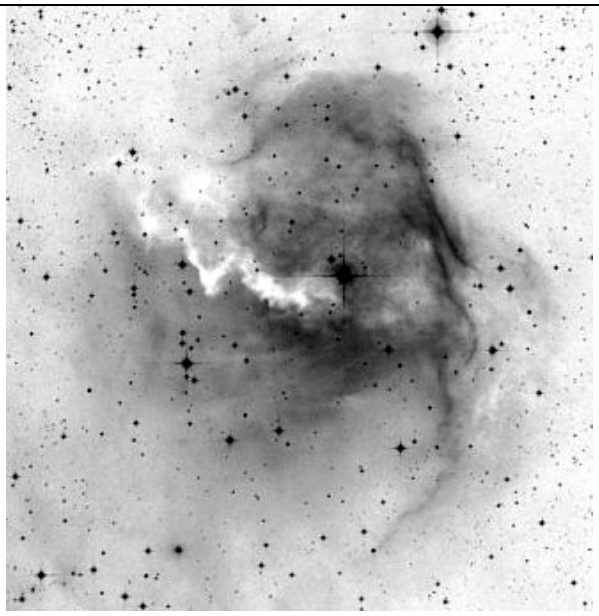
Sh2-308	06 54 00 -23 55 00	


7h30m
7h00m
6h30m
SH2-302
Bochum 5
Bochum 4
SH2-301
SH2-306
SH2-305
Bochum 6
NGC 2
-20°00'
NGC 2421
NGC 2383
M 41
Canis Major
SH2-303
SH2-308
SH2-304
Cr 121
Tr 6
NGC 2362
-25°00'
NGC 2354
5°
NGC 2280
Ru 20
-30°00'
Cr 132
10°

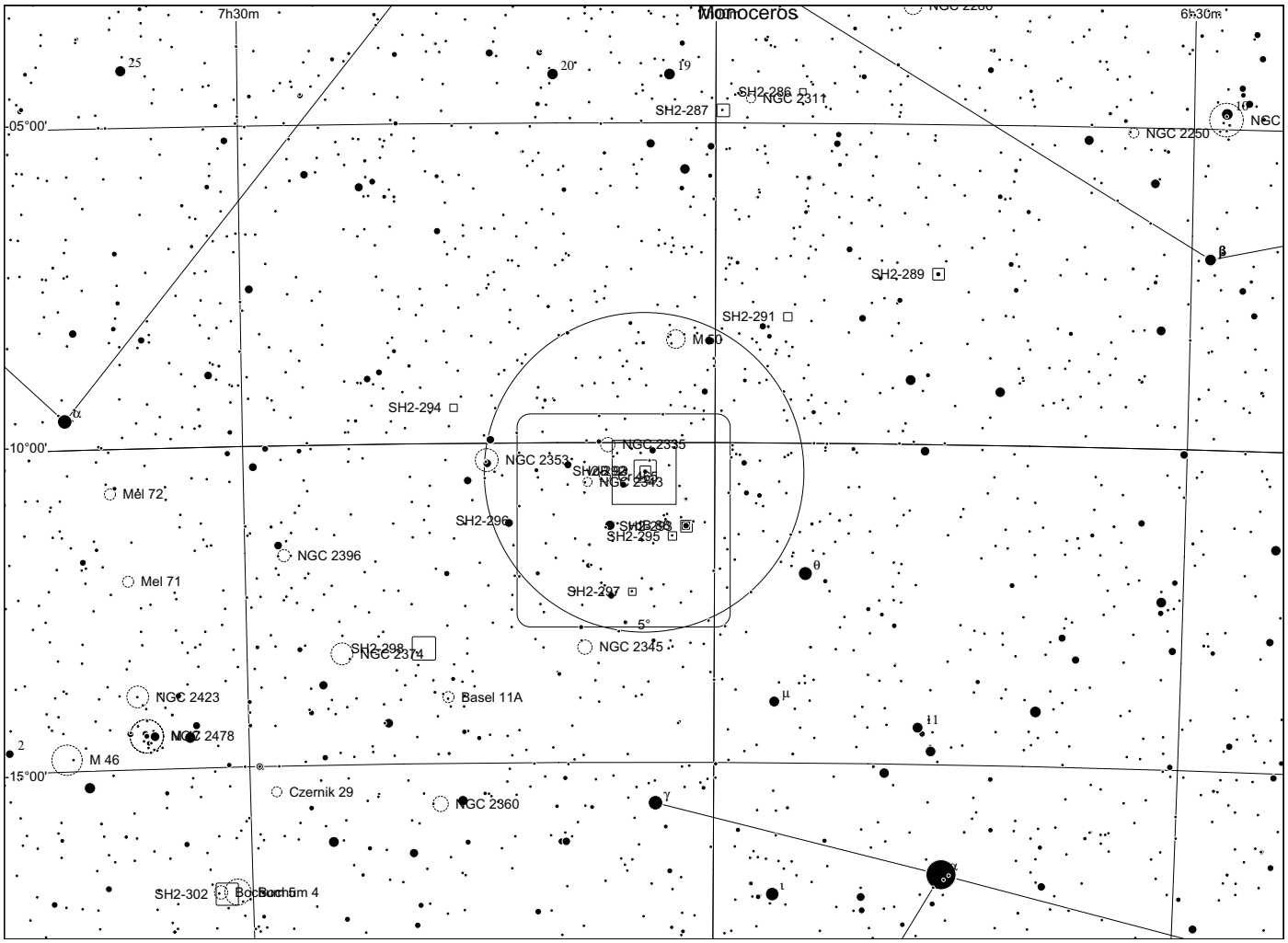

22°00'n
7h00m
6h55m
6h50m
6h45m
Canis Major
SH2-303
-23°00'
SH2-308
Berk 75
-24°00'
SH2-304
ESO 491 - 12
Cr 121
-25°00'

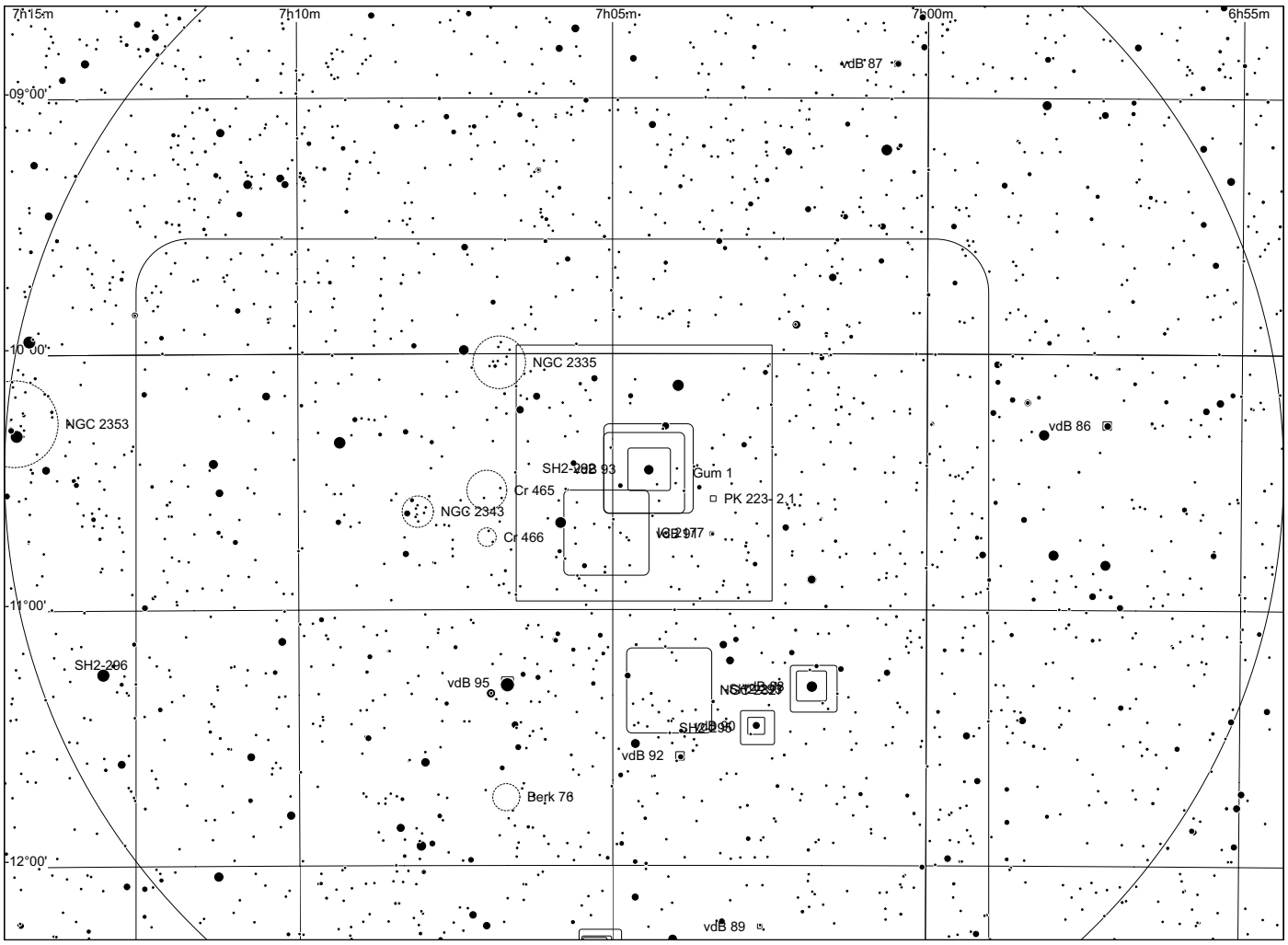
Gum 1 in Monoceros



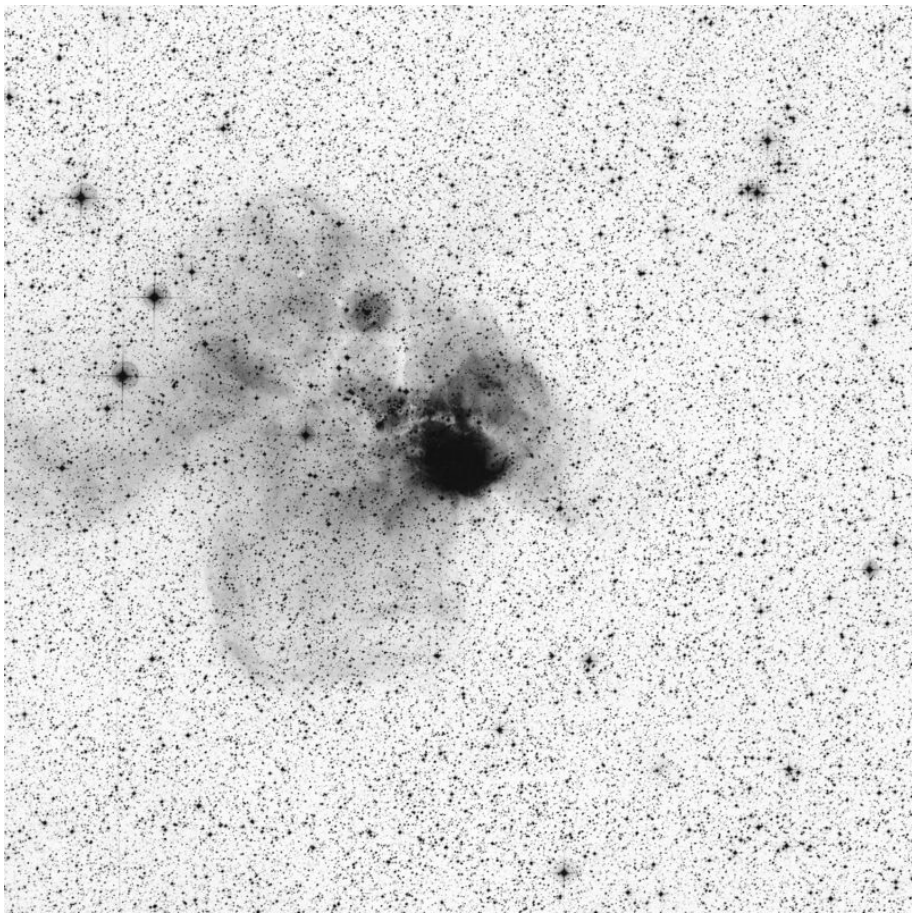


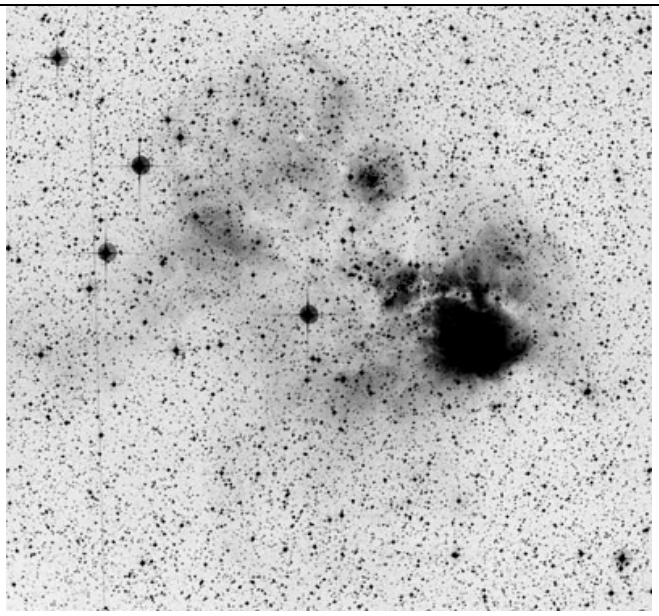
Gum 1, Sh2-292, vdB 93	07 04 25 -10 27 16	


Monoceros
7h30m
7h00m
6h30m
05°00'
10°00'
15°00'
SH2-287
SH2-286
NGC 2311
NGC 2250
SH2-289
SH2-291
M 50
SH2-294
NGC 2335
NGC 2353
Mel 72
SH2-296
SH2-295
NGC 2396
Mel 71
SH2-297
5°
SH2-298
NGC 2374
NGC 2345
NGC 2423
Basel 11A
NGC 2478
M 46
Czernik 29
NGC 2360
SH2-302
Bochum 4
α
β
γ
θ
μ
ι

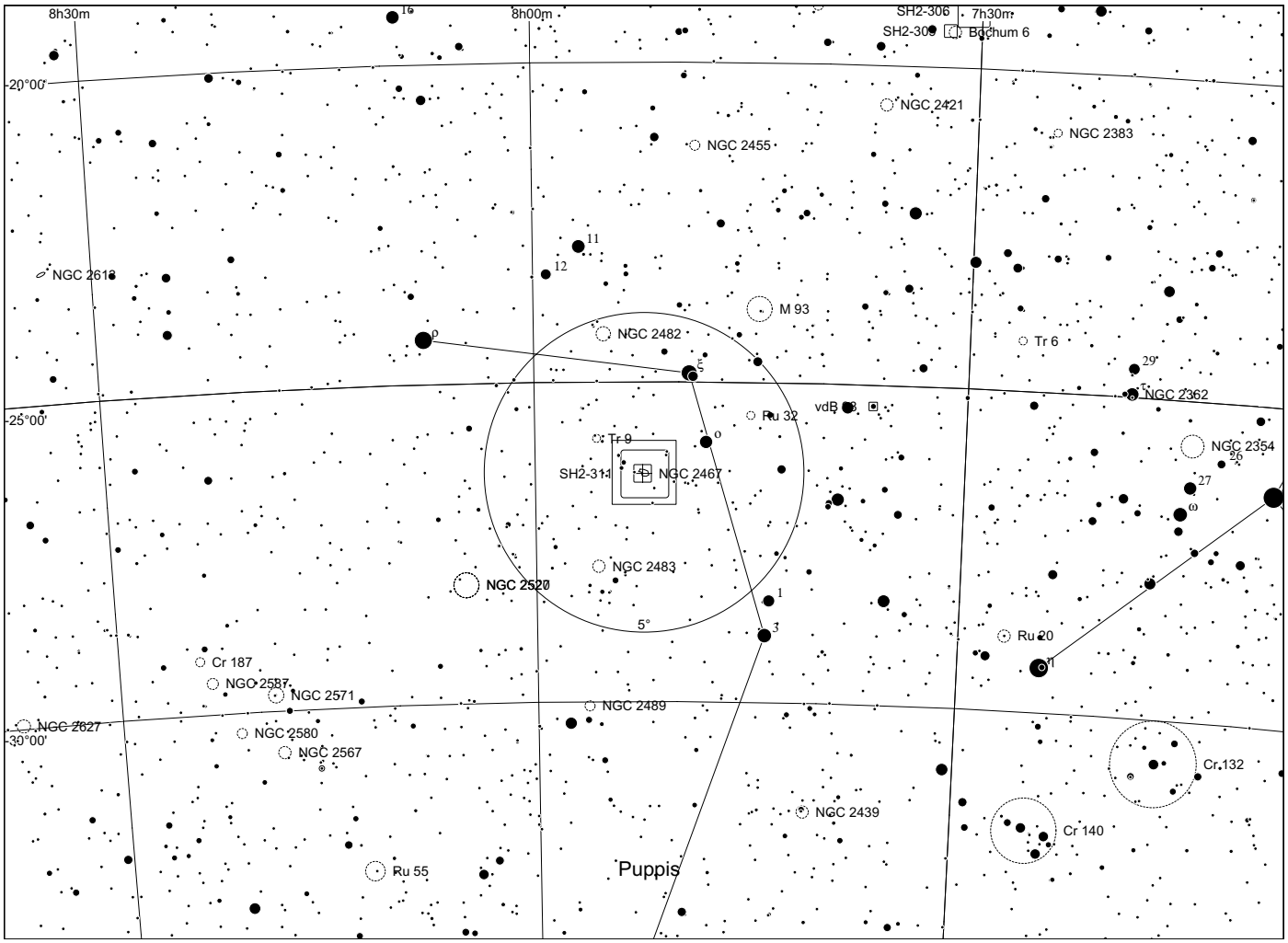

7h15m
7h10m
7h05m
7h00m
6h55m
09°00'
10°00'
11°00'
12°00'
vdB 87
NGC 2335
NGC 2353
vdB 86
SH2-292
vdB 93
Gum 1
Cr 465
PK 223-2.1
NGC 2343
Cr 466
vdB 97
SH2-206
vdB 95
vdB 92
Berk 76
vdB 89

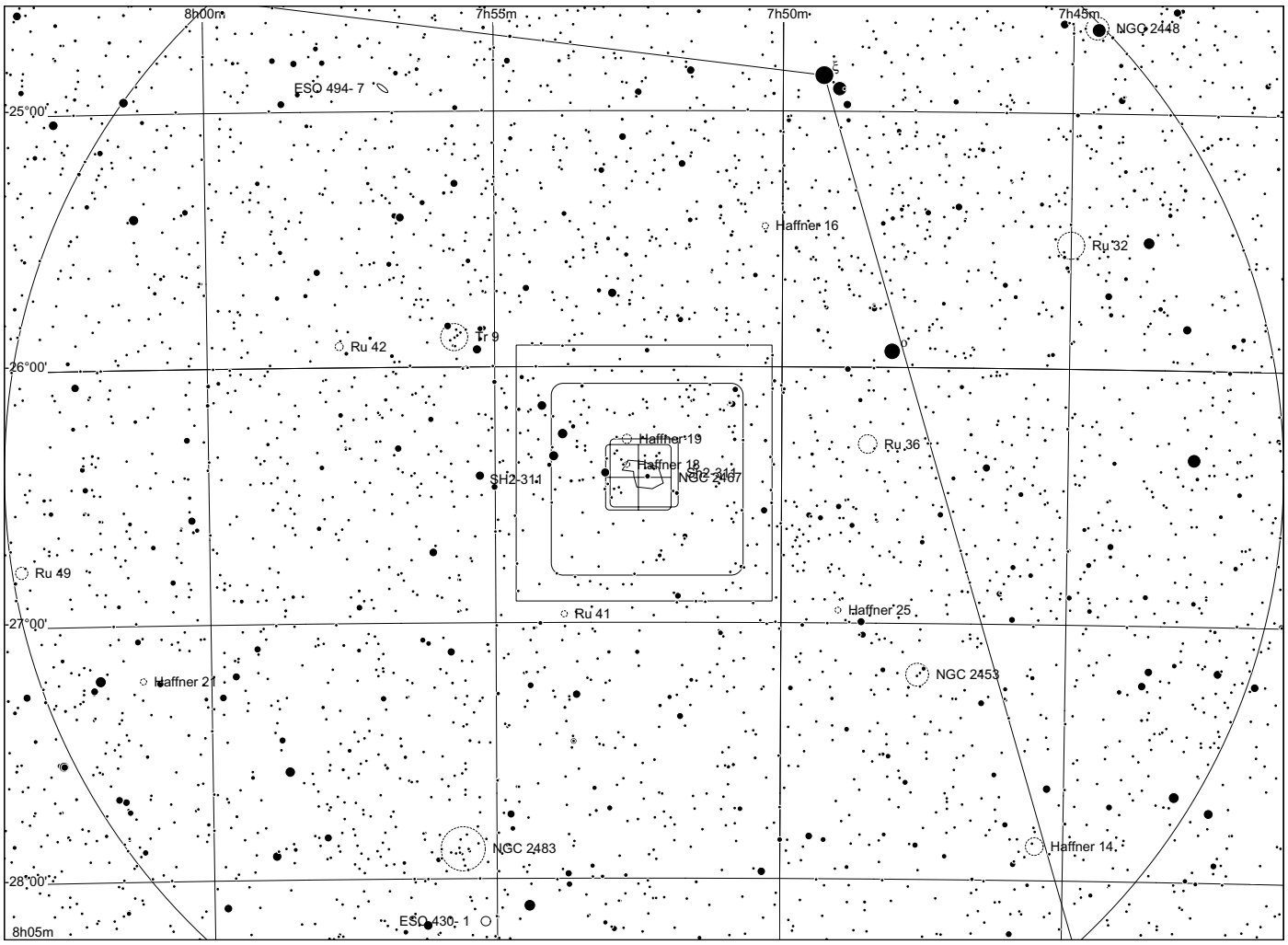
Sharpless 311 in Puppis



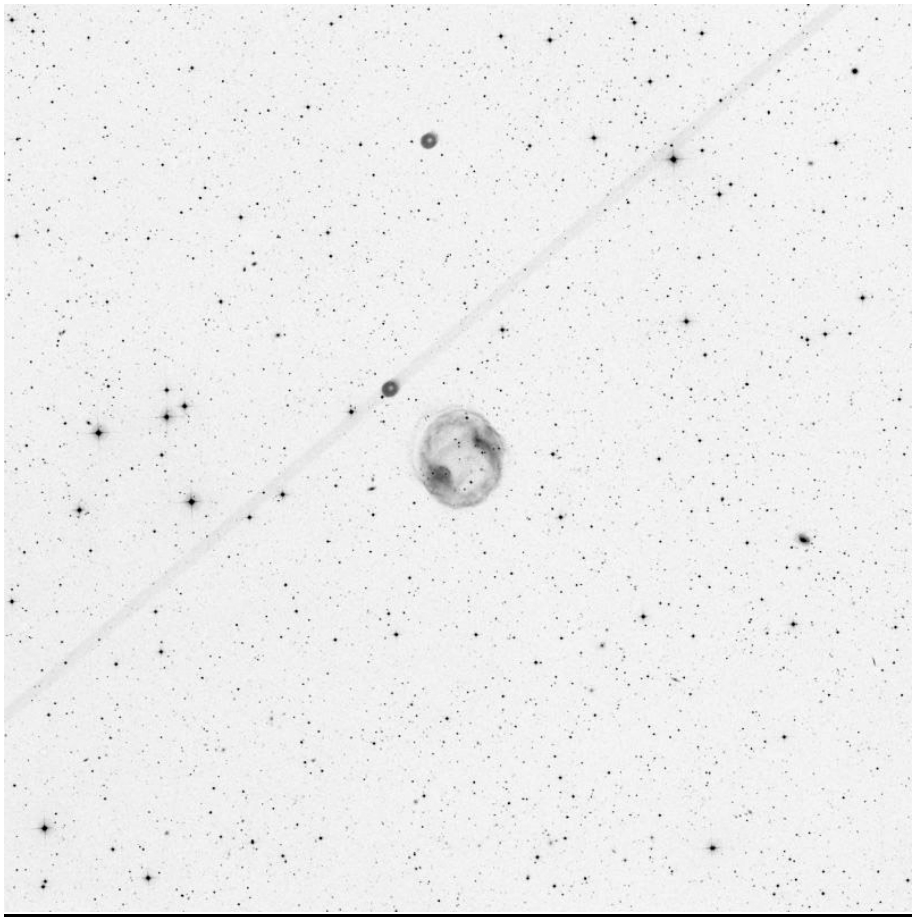


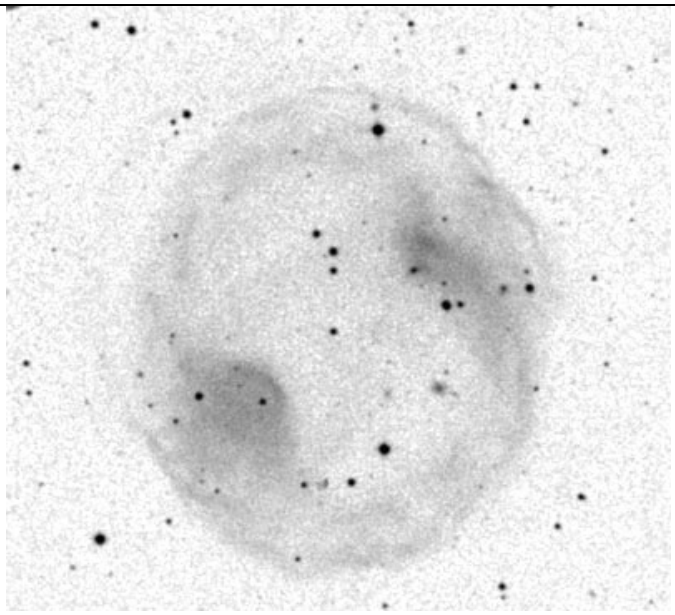
Sh2-311, NGC 2467	07 52 19 -26 26 30	


8h30m
8h00m
7h30m
SH2-306
SH2-309
Bochum 6
20°00'
NGC 2421
NGC 2455
NGC 2383
NGC 2618
M 93
NGC 2482
Tr 6
NGC 2362
25°00'
Ru 32
vdB 8
Tr 9
SH2-311
NGC 2467
NGC 2354
NGC 2483
NGC 2520
5°
Ru 20
Cr 187
NGC 2587
NGC 2571
NGC 2489
NGC 2627
30°00'
NGC 2580
NGC 2567
Cr 132
NGC 2439
Cr 140
Ru 55
Puppis

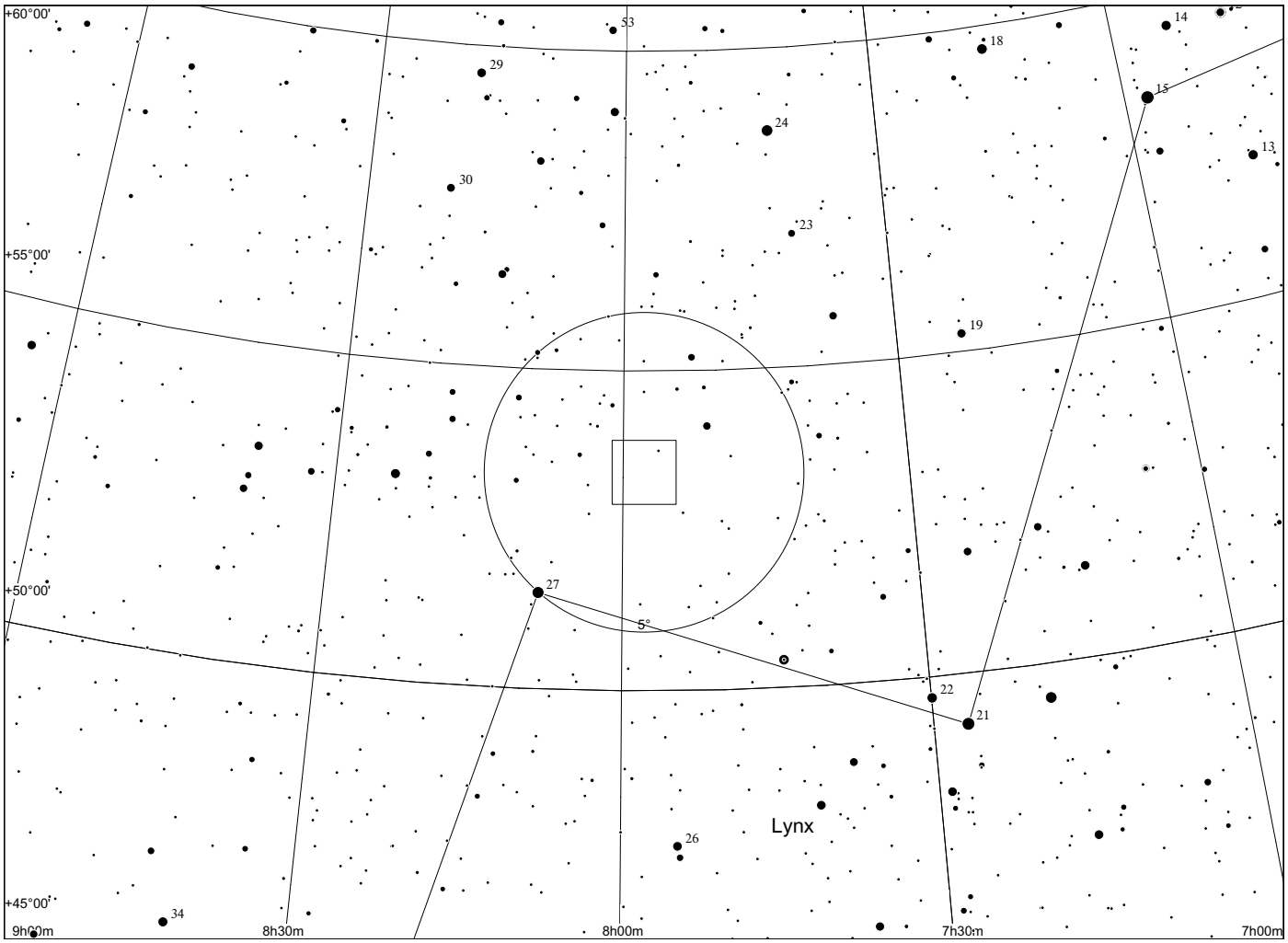

8h00m
7h55m
7h50m
7h45m
NGC 2448
ESO 494- 7
25°00'
Haffner 16
Ru 32
Ru 42
Tr 9
26°00'
Haffner 19
Haffner 18
SH2-311
NGC 2467
Ru 36
Ru 49
Ru 41
Haffner 25
27°00'
Haffner 21
NGC 2453
NGC 2483
Haffner 14
28°00'
ESO 430- 1
8h05m

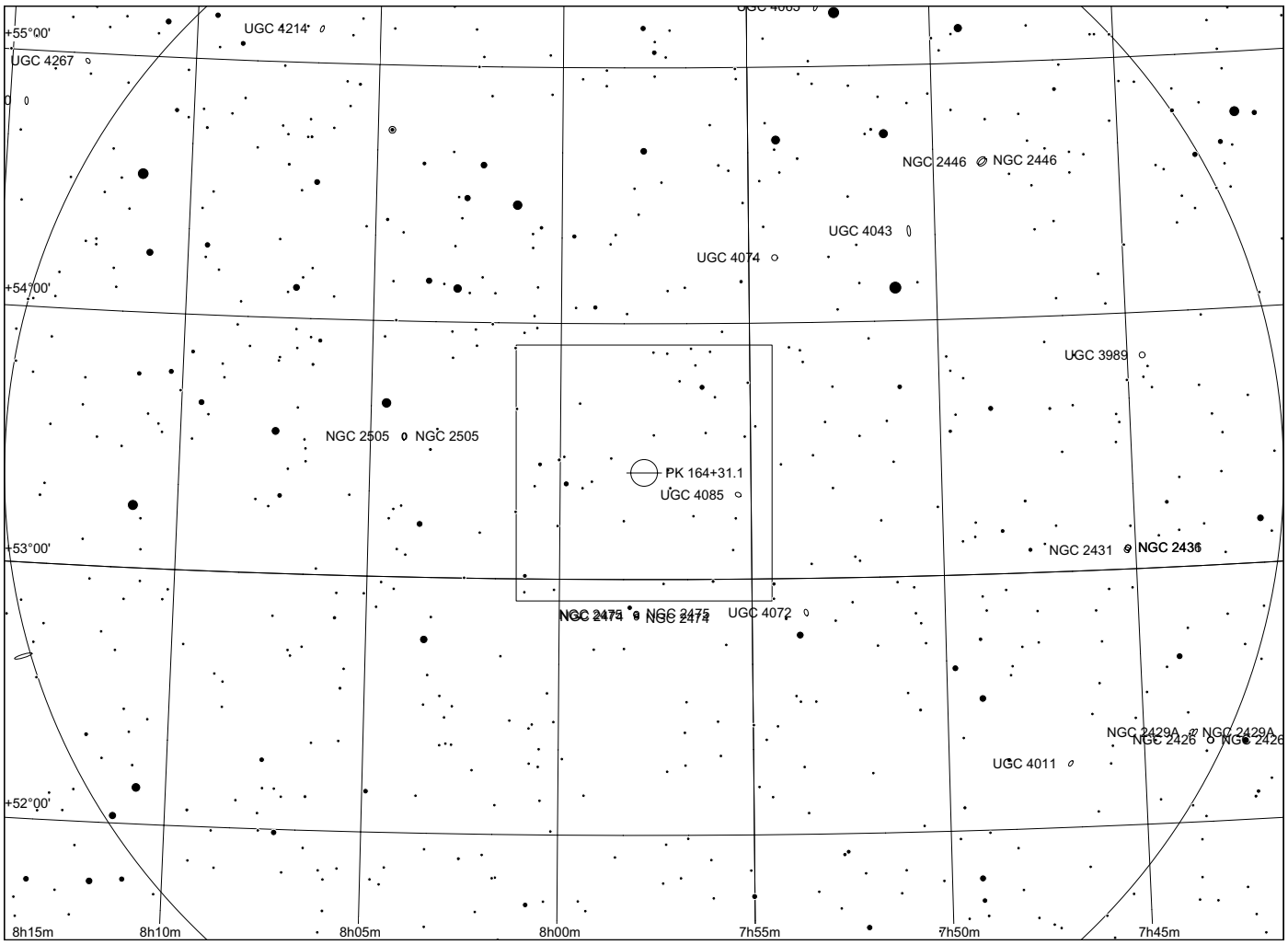
Jones-Emberson 1 in Lynx





PK164+31.1	07 57 52 +53 25 17	


+60°00'
+55°00'
+50°00'
+45°00'
9h00m
8h30m
8h00m
7h30m
7h00m
53
29
18
14
15
24
13
30
23
19
27
5°
22
21
26
34
Lynx


+55°00'
+54°00'
+53°00'
+52°00'
8h15m
8h10m
8h05m
8h00m
7h55m
7h50m
7h45m
UGC 4214
UGC 4267
NGC 2446
NGC 2446
UGC 4043
UGC 4074
UGC 3989
NGC 2505
NGC 2505
PK 164+31.1
UGC 4085
NGC 2431
NGC 2436
NGC 2475
UGC 4072
NGC 2429A
NGC 2429A
NGC 2426
UGC 4011