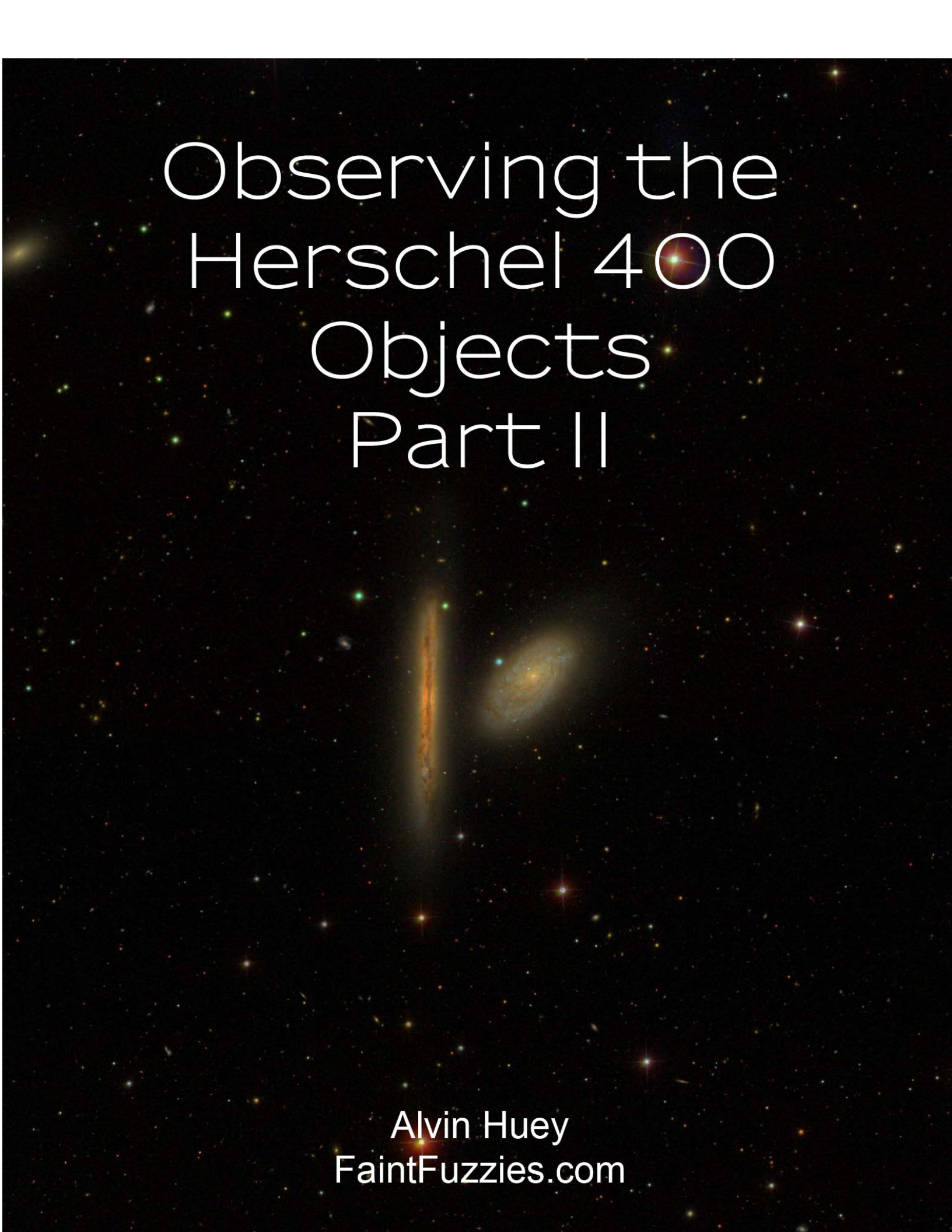
Observing the Herschel 400 Objects Part II



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The Herschel 400
Part II

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Object of the Week 2012 and 2013 – Deep Sky Forum

All Maps by MegaStar™ v5
All DSS images (Digital Sky Survey) archive.stsci.edu/dss/acknowledging.html
Front Cover: NGC 4298 and 4302 by the Sloan Digital Sky Survey

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The Herschel 400 Part II List and Observing Project

William Herschel published a series of three papers, Catalogue of Nebulae and Clusters of Stars (CN), totaling 2,500 objects from 1786 to 1802. This catalogue and William's son, John, expanded catalogue, *General Catalogue of Nebulae and Clusters and Clusters of Stars* (GC), was the precursor of the now famous, New General Catalogue (NGC) that is still be used today. The **Herschel 400 catalogue** is a subset of William Herschel's original Catalogue of Nebulae and Clusters of Stars, selected by six amateurs from the Ancient City Astronomy Club in St. Augustine, Florida in 1980. They decided to do this after reading a letter in Sky & Telescope magazine by James Mullaney, who suggested the list 2,500 Sir William Herschel objects be generated for observing after completing the list of Messier objects. This list, known as the "Herschel 400", has gained popularity over the years, and has become a much sought after list by advancing observers. Many observers who complete this list can get a certificate and pin from the Astronomical League.

The objects of the Herschel Part I list are much brighter than many think they are, so this is a great list for those who completed the Messier list. The cool thing about of Herschel Part I are: all are NGC objects, all are visible in a 6" telescope, and all are visible from mid-northern latitudes. In fact, 14 Part I objects are Messier objects.

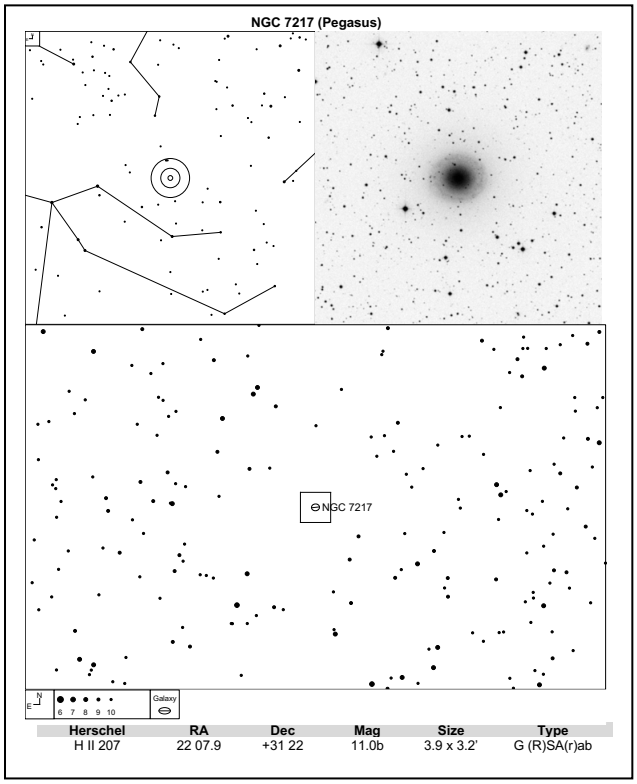
In August 1997, the Herschel Part II consisting of the next 400 objects were added by members of the Rose City Astronomers (RCA) of Portland, Oregon. Most of the objects in this list are galaxies and between magnitudes 11 and 13. It was recommended by RCA that one uses a 10" telescope to successfully observe the entire Part II list, even though an 8" can pick up most of them. A very experienced observer under darks skies can do the entire Part II list with an 8".

A few tips to observe the Herschel 400 Part I and II objects.

- Take your time and try to observe for detail rather than check off and scoot to the next object.
- Take notes while observing using pre-printed observing log pages. I print them out and have it coil bound.
- Those with larger telescopes, such as 10" or larger, spend extra time and try to see if you see details.
- Those with even larger scopes, such as 20" or larger, even though you may have seen it, look for details that you may have missed, especially on a transparent and steady night.
- Use a nebula filter for nebulae. A narrowband, such as the Lumicon UHC, Omega Filters NPB or Orion Ultrablock works very well for emission and planetary nebulae. For reflection nebulae, use a broadband filter for reflection nebula as the narrowband won't work as well as they are just reflected starlight.
- This guide is grouped by constellation starting at Pegasus. As the night or seasons progress, the order of the guide goes forward.
- Try and group your observations to a constellation at a time so you can just hop from one to the next, instead of jumping all over the sky.
- Try to observe objects that are near the meridian, if possible. The meridian is the highest point above the horizon the object will ever reach in the sky.
- Save the open clusters for poorer than average nights as they tend to be visible even less than optimal conditions.
- Save the dimmer objects for optimal conditions, especially the large lower surface brightness galaxies.

Whew! Managed to keep this to one page! ☺
Now go out and give it a go!

How to Use the Herschel 400 Part II Observer's Atlas



The top left panel contains the naked eye field with TelRad™ circles superimposed on the center of the Herschel object. The top right panel contains the inverted Digital Sky Survey image. The DSS image ranges from 15' to 60' at 15' increments.

The bottom panel is a finder field of about 4.8º across and 3.0º high. The finder field is wide enough for the finder scope and detailed enough for those who choose to use a low power eyepiece as a "finder". The limiting magnitude of the field stars is generally set to 11.0, otherwise noted in the legend. The square field of the DSS image is superimposed on the finder chart.

All charts and images are oriented north pointed up and west to the right.

The table below lists the following information:

Herschel – Herschel class and number. See next page for classes.
RA and **Dec** – the coordinates in Epoch 2000
Mag – the listed magnitude as appears in various catalogues.
The source of the **mag**nitude and **size** is generally from MegaStar version 5, which is pulled from various sources, such as RC3 (Third Reference Catalogue of Bright Galaxies), Archinal for globular clusters, Lynga for open clusters, Strasbourg-ESO for planetary nebulae, and Lynds for bright nebulae.
Blue magnitude is **b**, photographic is **p** and visual is **v**. If there is nothing, then it is generally assumed to be **b**. The listed blue and photographic magnitudes is generally a magnitude fainter than the visual magnitude.
Size – the listed size as it appears in various catalogues.
Type – See next two pages regarding the type and classification.

Three indices are provided. The first index starting on page 10 lists object by the order of this observing guide, the second index is sorted by NGC (page 384), and the third index is sorted by constellation (page 394). The list starts in Pegasus region and working eastwards.

Any comments or to share any observations, send them to Alvin.Huey@FaintFuzzies.com.

Any feedback or suggestions would be greatly appreciated. I hope to keep this resource updated and made available to all of you, the deep sky observer.

Herschel Type and Object Classifications

Herschel Classes (first column)

Class I – Bright Nebulae
Class II – Faint Nebulae
Class III – Very Faint Nebulae
Class IV – Planetary Nebulae
Class V – Very Large Nebulae
Class VI – Very Compressed and Rich Clusters of Stars
Class VII – Compressed Clusters of Small and Large Stars
Class VIII – Coarsely Scattered Clusters of Stars

Object Type

Each listed object lists the type followed by the classification.

OC = Open Cluster
GC = Globular Cluster
G = Galaxy
PN = Planetary Nebula
RN = Reflection Nebula
EN = Emission Nebula

Open Clusters (R.J. Trumpler)

3 part designation (concentration, range of brightness of members, and richness)

Concentration

I – strongly concentration
II – moderately strongly concentrated
III – moderately weakly concentrated
IV – weakly concentration

Range of brightness

1 – small range
2 – medium range
3 – large range

Richness

p – poor
m – medium
r – rich

If there is nebulosity present, the richness will be followed by an "n"

For example, "p n" – poor cluster with nebulosity

Globular Clusters (H. Shapley and H. B. Sawyer)

Class I to XII – most concentrated to loosest

Galaxies (Hubble or De Vaucouleurs)

Spiral Galaxies

S or SA – ordinary spiral
SB – spiral with bar
SAB – intermediate spiral
S0, SA0 or SB0 – Lenticular

Rings

(R) or (r) – outer or inner ring present
(S) or (s) – S-shaped (outer or inner)
(RS) or (rs) – transition types (outer or inner)
(R') – pseudo rings

Spiral Arm tightness

a to d – early to late type spirals (tightest to loosest). The central bulge also decreases from a to d
m – transition state - towards Im

Lenticulars

$S0^-$, $S0^0$, S0+ – early to late type

Elliptical Galaxies

En, where n is a number from 0 to 9. 0 to 9 indicates round to very elliptical

Irregular Galaxies

I – irregular
Im – very irregular

Other

sp - spindle
pec – peculiar
? – doubt regarding classification
: – uncertainty regarding classification

Planetary Nebula (Vorontsov-Velyaminov)

1	Stellar
2a	Smooth disc – brighter towards the center
2b	Smooth disc – uniform brightness
2c	Smooth disc – traces of ring structure
3a	Irregular disc – very irregular brightness distribution
3b	Irregular disc – traces of ring structure
4	Ring structure
5	Irregular form
6	Anomalous form

The Herschel 400 Part II List

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
20	7042	H III 209	21 13 45.8	+13 34 30	12.8p	2.0 x 1.7′	G Sb	Peg
21	7156	H III 452	21 54 33.6	+02 56 35	13.1b	1.6 x 1.3′	G SAB(rs)cd:	Peg
22	7177	H II 247	22 00 41.2	+17 44 17	12.0b	3.1 x 2.0′	G SAB(r)b	Peg
23	7332	H II 233	22 37 24.5	+23 47 54	12.0b	4.0 x 1.1′	G S0 pec sp	Peg
24	7457	H II 212	23 01 00.0	+30 08 42	12.1b	4.3 x 2.3′	G SA(rs)0-?	Peg
25	7463	H III 210	23 01 52.0	+15 58 55	13.8b	3.7 x 0.7′	G SABb: pec	Peg
25	7465	H III 211	23 02 01.0	+15 57 54	12.6v	2.2 x 1.8′	G (R′)SB(s)0°:	Peg
26	7619	H II 439	23 20 14.5	+08 12 22	11.0v	2.5 x 2.3′	G E	Peg
26	7623	H III 435	23 20 30.0	+08 23 45	13.9b	2.1 x 1.4′	G SA0°:	Peg
26	7626	H II 440	23 20 42.3	+08 13 02	11.1v	2.2 x 2.0′	G E pec:	Peg
27	7742	H II 255	23 44 15.7	+10 46 01	12.4b	1.7 x 1.7′	G SA(r)b	Peg
28	23	H III 147	00 09 53.3	+25 55 26	12.9b	2.1 x 1.3′	G SB(s)a	Peg
29	7640	H II 600	23 22 06.6	+40 50 44	11.9b	11.6 x 1.9′	G SB(s)c	And
30	206	H V 36	00 40 31.3	+40 44 22	-	4.0 x 2.5′	KNT	And
31	214	H II 209	00 41 28.0	+25 29 58	13.0b	1.8 x 1.3′	G SAB(r)c	And
32	513	H III 169	01 24 26.8	+33 47 59	13.9p	0.9 x 0.6′	G Sb/c	And
33	7507	H II 2	23 12 07.6	-28 32 26	11.4b	2.7 x 2.6′	G E0	Scl
34	24	H III 461	00 09 56.4	-24 57 49	12.2b	6.7 x 1.6′	G SA(s)c	Scl
35	7541	H II 430	23 14 43.9	+04 32 04	12.4b	3.5 x 1.2′	G SB(rs)bc: pec	Psc
36	7562	H II 467	23 15 57.5	+06 41 15	12.6b	2.2 x 1.4′	G E2-3	Psc
37	7785	H II 468	23 55 19.0	+05 54 57	12.6b	2.4 x 1.3′	G E5-6	Psc
38	7832	H III 190	00 06 28.5	-03 42 58	13.3	1.9 x 1.0′	G E+	Psc
39	125	H III 869	00 28 50.3	+02 50 19	12.8b	2.7 x 0.8′	G (R)SA0+ pec:	Psc
40	198	H II 857	00 39 22.9	+02 47 52	13.9p	1.2 x 1.1′	G SA(r)c	Psc
41	315	H II 210	00 57 48.8	+30 21 09	12.2b	3.2 x 2.2′	G E+:	Psc
42	410	H II 220	01 10 58.9	+33 09 07	12.5b	2.4 x 1.7′	G E+:	Psc
43	499	H III 158	01 23 11.5	+33 27 37	12.1v	1.8 x 1.2′	G S0-	Psc
44	514	H II 252	01 24 03.9	+12 55 03	12.2b	4.2 x 2.7′	G SAB(rs)c	Psc
45	660	H II 253	01 43 01.7	+13 38 35	12.0b	8.3 x 3.1′	G SB(s)a pec	Psc
46	665	H II 588	01 44 56.1	+10 25 22	13.2b	2.4 x 1.6′	G (R)S0°?	Psc
47	706	H II 596	01 51 50.5	+06 17 48	13.2b	1.8 x 1.3′	G Sbc?	Psc
48	718	H II 270	01 53 13.2	+04 11 45	12.6b	2.3 x 2.0′	G SAB(s)a	Psc
49	741	H II 271	01 56 21.0	+05 37 44	12.2b	2.9 x 2.8′	G E0:	Psc
50	151	H II 478	00 34 02.5	-09 42 20	12.3b	3.7 x 1.6′	G SB(r)bc	Cet
51	217	H II 480	00 41 33.8	-10 01 20	13.5	2.6 x 0.6′	G S0/a: sp	Cet
52	337	H II 433	00 59 50.3	-07 34 43	12.1b	2.9 x 1.8′	G SB(s)d	Cet
53	357	H II 434	01 03 21.9	-06 20 22	12.0v	2.4 x 1.7′	G SB(r)0/a:	Cet
54	175	H III 223?	00 37 21.6	-19 56 04	12.9b	2.1 x 1.8′	G SB(r)ab	Cet
55	428	H II 622	01 12 55.6	+00 58 54	11.9b	4.1 x 3.1′	G SAB(s)m	Cet
56	636	H II 283	01 39 06.5	-07 30 46	12.4b	2.8 x 2.1′	G E3	Cet
57	991	H III 434	02 35 32.2	-07 09 16	12.4p	2.7 x 2.4′	G SAB(rs)c	Cet
58	1035	H II 284	02 39 29.0	-08 07 57	12.9b	2.6 x 0.9′	G SA(s)c?	Cet
59	1045	H II 488	02 40 29.1	-11 16 39	12.9	2.3 x 1.2′	G SA0- pec?	Cet
60	1032	H II 5	02 39 23.6	+01 05 37	12.6b	3.3 x 1.1′	G S0/a sp	Cet

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
61	1070	H II 273	02 43 22.2	+04 58 05	12.7p	2.3 x 1.9’	G Sb	Cet
62	1073	H III 455	02 43 40.3	+01 22 33	11.5b	4.9 x 4.4’	G SB(rs)c	Cet
63	1087	H II 466	02 46 25.1	-00 29 55	11.5b	3.7 x 2.2’	G SAB(rs)c	Cet
63	1090	H II 465	02 46 33.9	-00 14 50	12.5b	4.0 x 1.7’	G SB(rs)bc	Cet
64	7635	H IV 52	23 20 45	+61 11.7	~10.5	15 x 8’	EN	Cas
65	896	H III 695	02 25 28	+62 01 09	-	27 x 13’	EN	Cas
66	1003	H II 238 H III 198	02 39 16.9	+40 52 20	12.0b	5.5 x 1.8’	G SA(s)cd	Per
67	1058	H II 633	02 43 29.8	+37 20 27	11.8b	3.0 x 2.7’	G SA(rs)c	Per
68	1161	H II 239	03 01 14.2	+44 53 50	12.1b	2.8 x 2.0’	G S0	Per
69	1169	H II 620	03 03 34.7	+46 23 09	12.2b	4.2 x 2.8’	G SAB(r)b	Per
70	1175	H II 607	03 04 32.3	+42 20 22	13.9b	2.4 x 0.8’	G SA(r)0+	Per
71	1193	H II 608	03 05 56	+44 23 00	12.6	1.5’	OC I 2 m	Per
72	1207	H III 578	03 08 15.3	+38 22 58	13.4p	2.2 x 1.5’	G SA(rs)b	Per
73	1348	H VIII 84	03 34 09	+51 25 12	-	6’	OC III 2 m	Per
74	1491	H I 258	04 03 13.6	+51 18 58	-	21’	EN	Per
75	1579	H I 217	04 30 14.3	+35 16 47	-	7.8 x 5.4’	RN	Per
76	1582	H VIII 70	04 31 39	+43 45 00	7	37’	OC IV 2 p	Per
77	1605	H VI 26	04 34 52	+45 16 18	10.7	5’	OC III 1 m	Per
78	1624	H V 49	04 40 37.2	+50 27 41	11.8	1.9’	EN / OC II 1 p n	Per
79	604	H III 150	01 34 31.9	+30 47 13		1.5’	M33-KNT	Tri
80	672	H I 157	01 47 53.9	+27 25 56	11.5b	7.3 x 2.5’	G SB(s)cd	Tri
81	890	H II 225	02 22 01.0	+33 15 58	12.2b	2.7 x 1.8’	G SAB(r)0-?	Tri
82	925	H III 177	02 27 17.0	+33 34 43	10.7b	10.5x 5.9’	G SAB(s)d	Tri
83	1060	H III 162	02 43 15.1	+32 25 30	11.8v	2.3 x 1.7’	G S0-:	Tri
84	821	H I 152	02 08 21.1	+10 59 41	11.7b	2.5 x 1.5’	G E6?	Ari
85	1012	H III 152	02 39 14.9	+30 09 05	13.0p	3.1 x 1.5’	G S0/a?	Ari
86	1156	H II 619	02 59 42.3	+25 14 15	12.3b	3.3 x 2.4’	G IB(s)m	Ari
87	1114	H III 449	02 49 07.2	-16 59 39	13.6	1.7 x 0.7’	G SA(r)c:	Eri
88	1162	H III 469	02 58 55.9	-12 23 55	13.5	1.3 x 1.2’	G E:	Eri
89	1172	H II 502	03 01 36.0	-14 50 12	12.7b	2.3 x 1.7’	G E+:	Eri
90	1199	H II 503	03 03 38.4	-15 36 50	11.3v	2.4 x 1.9’	G E3:	Eri
91	1209	H II 504	03 06 03.0	-15 36 41	12.4b	2.3 x 1.1’	G E6:	Eri
92	1187	H III 245	03 02 37.4	-22 52 03	11.3v	5.5 x 4.0’	G SB(r)c	Eri
93	1325	H IV 77	03 24 25.6	-21 32 36	12.2b	4.7 x 1.5’	G SA(s)bc	Eri
93	1332	H I 60	03 26 17.1	-21 20 04	11.3b	4.6 x 1.4’	G S(s)0-: sp	Eri
94	1353	H III 246	03 32 03.0	-20 49 05	12.4b	3.3 x 1.3’	G SB(rs)bc	Eri
95	1400	H II 593	03 39 30.8	-18 41 17	10.9v	2.5 x 2.4’	G SA0-	Eri
96	1421	H II 291	03 42 29.4	-13 29 20	12	3.5 x 0.8’	G SAB(rs)bc:	Eri
97	1507	H II 279	04 04 27.1	-02 11 21	12.9b	3.6 x 0.8’	G SB(s)m pec?	Eri
98	1600	H I 158	04 31 39.9	-05 05 10	10.9v	3.0 x 2.5’	G E3	Eri
99	1618	H II 524	04 36 06.5	-03 08 56	12.7v	2.8 x 0.9’	G SB(r)b:	Eri
100	1637	H I 122	04 41 28.0	-02 51 29	11.5b	4.0 x 3.2’	G SA(rs)cd	Eri
101	1700	H IV 32	04 56 56.2	-04 51 56	12.2b	3.3 x 2.0’	G E4	Eri
102	1779	H III 500	05 05 18.0	-09 08 50	13	2.3 x 1.2’	G (R’)SAB(r)0/a?	Eri

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
103	2347	H III 746	07 16 04.0	+64 42 41	13.2b	1.7 x 1.2’	G (R’)SA(r)b:	Cam
104	2366	H III 748	07 28 55.0	+69 12 57	11.5b	8.2 x 3.3’	G IB(s)m	Cam
105	1514	H IV 69	04 09 17.0	+30 46 33	10.0p	1.9’	PN 3 + 2	Tau
106	1587	H II 8	04 30 40.0	+00 39 43	11.7v	1.8 x 1.6’	G E pec	Tau
107	1778	H VIII 61	05 08 06	+37 01 24	7.7	6.0’	OC III 2 p	Aur
108	1883	H VII 34	05 25 54	+46 29 24	12	2.5’	OC II 1 m	Aur
109	1985	H III 865	05 37 47.8	+31 59 20	12.8v	0.7’	RN	Aur
110	2192	H VII 57	06 15 18	+39 51 18	10.9	5.0’	OC II 2 m	Aur
111	1662	H VII 1	04 48 29	+10 55 48	6.4	20.0’	OC II 3 m	Ori
112	1663	H VIII 7	04 49 24	+13 08 15	-	9’	OC IV 2 p	Ori
113	1762	H III 453	05 03 37.0	+01 34 25	13.4b	1.7 x 1.2’	G SA(rs)c:	Ori
114	1977	H V 30	05 35 15.8	-04 50 40	-	20 x 10'	EN + RN	Ori
115	2023	H IV 24	05 41 38.3	-02 15 33		10 x 10'	EN + RN	Ori
116	2071	H IV 36	05 47 07.2	+00 17 39		8.0 x 7.7’	RN	Ori
117	2112	H VII 24	05 53 46	+00 24 36	9.1	11.0’	OC II 2 m n	Ori
118	1832	H II 292	05 12 03.2	-15 41 19	12.0b	2.5 x 1.6’	G SB(r)bc	Lep
119	2139	H II 264	06 01 07.9	-23 40 25	12.0b	2.6 x 1.9’	G SAB(rs)cd	Lep
120	2196	H II 265	06 12 09.5	-21 48 27	11.8b	2.8 x 2.1’	G (R’)SA(s)a	Lep
121	2274	H II 615	06 47 17.3	+33 34 02	13.1p	1.2 x 1.0’	G E	Gem
122	2331	H VIII 40	07 07 00	+27 17 43	8.5	18’	OC IV 2 m	Gem
123	2339	H II 769	07 08 20.5	+18 46 49	12.5b	2.8 x 2.0’	G SAB(rs)bc	Gem
124	2170	H IV 19	06 07 31.8	-06 23 57	-	2 x 2’	RN	Mon
124	2182	H IV 38	06 09 30.9	-06 19 35	9.0b	2.0’	RN	Mon
125	2236	H VII 5	06 29 40	+06 49 48	8.5	6.0’	OC II 2 m	Mon
126	2254	H VII 22	06 35 50	+07 40 07	9.1	4.0’	OC I 1 m	Mon
127	2245	H IV 3	06 32 41.2	+10 09 24	11.0b	2.0’	RN	Mon
128	2259	H VI 28	06 38 33.3	+10 52 57	10.8	4.5’	OC II 1 p n	Mon
129	2261	H IV 2	06 39 10	+08 44 52	-	2.0 x 1.7’	RN	Mon
130	2252	H VIII 50	06 34 19.8	+05 19 22	7.7	15.0’	OC III 2 m n	Mon
131	2269	H VI 3	06 43 16.8	+04 37 04	10	4.0’	OC II 1 p	Mon
132	2302	H VIII 39	06 51 54	-07 05 00	8.9	2.5’	OC III 2 m	Mon
133	2309	H VI 18	06 56 04	-07 10 30	10.5	3.0’	OC I 2 m	Mon
134	2316	H II 304	06 59 40.8	-07 46 40		1.5’	EN + RN	Mon
135	2346	H IV 65	07 09 22.5	-00 48 23	11.8p	120”	PN 3b + 4	Mon
136	2283	H III 271	06 45 52.7	-18 12 37	12.9p	3.6 x 2.7’	G SB(s)cd	CMa
137	2359	H V 21	07 18 31	-13 14 00		13 x 11’	EN W-R Ring	CMa
138	2374	H VIII 35	07 23 56	-13 15 48	8	19’	OC IV 2 p	CMa
139	2367	H VIII 27	07 20 05	-21 53 00	7.9	3.5’	OC II 3 m	CMa
140	2396	H VIII 36	07 28.1	-11 43 00	7.4	10’	OC IV 1 m	Pup
141	2414	H VIII 37	07 33 13	-15 27 12	7.9	4’	OC I 3 m	Pup
142	2432	H VI 36	07 40 54	-19 05 06	10.2	7’	OC II 2 m	Pup
143	2467	H IV 22	07 52 29	-26 25 48	7.1	15’	OC I 3 m n	Pup
144	2525	H III 877	08 05 38.0	-11 25 41	12.3b	2.9 x 1.9’	G SB(s)c	Pup
145	2415	H II 821	07 36 56.6	+35 14 32	12.8b	1.0 x 1.0’	G Im?	Lyn
146	2493	H III 750	08 00 23.7	+39 49 49	13.0b	1.9 x 1.9’	G SB0	Lyn

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
147	2500	H III 709	08 01 53.1	+50 44 15	12.2b	2.6 x 2.6’	G SB(rs)d	Lyn
148	2541	H III 710	08 14 40.2	+49 03 43	12.3b	6.3 x 3.1’	G SA(s)cd	Lyn
149	2610	H IV 35	08 33 23.4	-16 08 57	13.6p	58”	PN 4 + 2	Hya
150	2765	H II 520	09 07 36.6	+03 23 34	13.1p	2.1 x 1.1’	G S0	Hya
151	2781	H I 66	09 11 27.4	-14 49 01	12.5b	3.4 x 1.5’	G SAB(r)0+	Hya
152	2784	H I 59	09 12 19.2	-24 10 18	11.3b	6.2 x 2.2’	G SA(s)0°:	Hya
153	2855	H I 132	09 21 27.5	-11 54 37	12.6b	2.4 x 2.1’	G (R)SA(rs)0/a	Hya
154	2889	H II 555	09 27 12.5	-11 38 37	12.4b	2.1 x 1.8’	G SAB(rs)c	Hya
155	2986	H II 311	09 44 15.9	-21 16 41	11.7b	3.1 x 2.6’	G E2	Hya
156	3078	H II 268	09 58 24.5	-26 55 36	12.1b	2.5 x 2.0’	G E2-3	Hya
157	3145	H III 518	10 10 10.0	-12 26 02	12.5b	3.0 x 1.5’	G SB(rs)bc	Hya
158	3585	H II 269	11 13 17.1	-26 45 18	10.9b	4.6 x 2.5’	G E7/S0	Hya
159	4105	H II 865	12 06 40.7	-29 45 38	11.6b	2.7 x 2.0’	G E3	Hya
160	5061	H I 138	13 18 04.8	-26 50 11	11.3b	3.5 x 2.9’	G E0/SA0-	Hya
160	5078	H II 566	13 19 50.9	-27 24 28	12.0b	4.0 x 1.9’	G SA(s)a: sp	Hya
161	2639	H I 204	08 43 38.0	+50 12 20	12.6b	2.1 x 1.3’	G (R)SA(r)a:?	UMa
162	2756	H II 828	09 09 01.1	+53 50 58	13.2p	1.7 x 1.1’	G Sb	UMa
163	2805	H III 878	09 20 20.4	+64 06 10	11.5b	6.3 x 4.7’	G SAB(rs)d	UMa
164	2880	H I 260	09 29 34.5	+62 29 27	12.5b	2.0 x 1.1’	G SB0-	UMa
165	3065	H II 333	10 01 55.3	+72 10 13	13.5b	1.7 x 1.6’	G SA(r)0°	UMa
166	3073	H III 853	10 00 52.0	+55 37 07	14.1b	1.3 x 1.2’	G SAB0-	UMa
167	3225	H II 882	10 25 10.0	+58 09 00	13.3p	2.0 x 1.0’	G Scd:	UMa
168	3319	H III 700	10 39 09.3	+41 41 14	11.5b	6.2 x 3.6’	G SB(rs)cd	UMa
169	3652	H II 775	11 22 39.0	+37 45 54	12.9p	3.1 x 1.6’	G SBc	UMa
170	3583	H II 728	11 14 10.8	+48 19 06	11.9p	2.8 x 1.8’	G SB(s)b	UMa
171	3359	H V 52	10 46 36.7	+63 13 28	11.0b	7.3 x 4.3’	G SB(rs)c	UMa
172	3516	H II 336	11 06 47.5	+72 34 07	12.5b	1.9 x 1.5’	G (R)SB(s)0°:	UMa
173	3622	H II 879	11 20 12.5	+67 14 29	12.7b	1.5 x 0.8’	G S?	UMa
174	3642	H I 245	11 22 17.9	+59 04 28	11.7b	5.3 x 4.4’	G SA(r)bc:	UMa
175	3669	H II 829	11 25 26.7	+57 43 17	13.1p	2.2 x 0.5’	G SBcd: sp	UMa
176	3683	H I 246	11 27 32.0	+56 52 37	13.1p	1.8 x 1.2’	G SB(s)c?	UMa
177	3668	H II 845	11 25 30.4	+63 26 46	13.1p	1.7 x1.3’	G Sbc	UMa
178	3756	H II 784	11 36 47.9	+54 17 39	12.1b	4.2 x 2.2’	G SAB(rs)bc	UMa
179	4062	H I 174	12 04 03.8	+31 53 44	11.9b	4.0 x 1.7’	G SA(s)c	UMa
180	4013	H II 733	11 58 31.7	+43 56 48	12.2b	5.2 x 1.3’	G Sb sp	UMa
181	4047	H II 741	12 02 50.6	+48 38 10	13.0p	1.8 x 1.6’	G (R)SA(rs)b:	UMa
182	4096	H I 207	12 06 01.0	+47 28 41	11.5b	7.4 x 1.7’	G SAB(rs)c	UMa
183	4100	H III 717	12 06 08.4	+49 34 59	11.9b	5.4 x 20’	G (R’)SA(rs)bc	UMa
184	4144	H II 747	12 09 58.5	+46 27 28	12.1b	6.1 x 1.3’	G SAB(s)cd? Sp	UMa
185	4157	H I 208	12 11 04.9	+50 29 07	12.2b	7.7 x 1.3’	G SAB(s)b? sp	UMa
186	4271	H II 804	12 19 32.7	+56 44 12	13.6p	1.5 x 1.2’	G S0-:	UMa
187	4290	H II 805	12 20 47.5	+58 05 33	12.7p	2.3 x 1.5’	G SB(rs)ab:	UMa
188	4605	H I 254	12 39 59.4	+61 36 33	10.9b	5.7 x 2.1’	G SB(s)c pec	UMa
189	5204	H IV 63	13 29 36.4	+58 25 09	11.7b	5.0 x 3.0’	G SA(s)m	UMa
190	5308	H I 255	13 47 00.4	+60 58 23	12.3b	3.7 x 0.6’	G S0- sp	UMa

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
191	5430	H II 827	14 00 46.0	+59 19 45	12.7p	2.2 x 1.1’	G SB(s)b	UMa
192	5443	H II 799	14 02 11.7	+55 48 49	13.1p	3.2 x 1.2’	G Sdm?	UMa
193	5447	H III 787	14 02 27.9	+54 16 34	-	1.0 x 0.5’	KNT	UMa
193	5462	H III 789	14 03 52.9	+54 21 53	-	1.7 x 0.8’	KNT	UMa
194	5448	H II 691	14 02 50.3	+49 10 21	11.9b	4.0 x 1.7’	G (R)SAB(r)a	UMa
195	5480	H II 692	14 06 21.8	+50 43 29	12.8p	2.1 x 1.6’	G SA(s)c:	UMa
196	5485	H I 232	14 07 11.4	+55 00 07	12.8	2.4 x 1.8’	G SA0 pec	UMa
197	5585	H I 235	14 19 48.3	+56 43 45	11.2b	6.1 x 3.8’	G SAB(s)d	UMa
198	3424	H II 494	10 51 46.7	+32 53 59	13.2p	3.2 x 0.9’	G SB(s)b:?	LMi
198	3430	H I 118	10 52 11.7	+32 56 59	11.5v	4.6 x 2.3’	G SAB(rs)c	LMi
199	3158	H II 639	10 13 50.5	+38 45 53	11.9v	2.0 x 1.8’	G E3:	LMi
200	3254	H I 72	10 29 19.9	+29 29 30	12.4b	5.0 x 1.5’	G SA(s)bc	LMi
201	3067	H II 492	09 58 21.3	+32 22 10	12.8b	2.4 x 0.9’	G SAB(s)ab?	Leo
202	3107	H II 898	10 04 22.4	+13 37 17	14.2p	0.8 x 0.6’	G Sbc:	Leo
203	3162	H II 43	10 13 31.6	+22 44 15	12.2b	3.0 x 2.4’	G SAB(rs)bc	Leo
204	3177	H III 255	10 16 34.1	+21 07 23	13.0b	1.4 x 1.1’	G SA(rs)b	Leo
205	3274	H II 358	10 32 17.1	+27 40 07	13.2b	2.3 x 1.4’	G SABd?	Leo
206	3301	H II 46	10 36 56.0	+21 52 55	12.3b	3.5 x 1.0’	G (R’)SB(rs)0/a	Leo
207	3338	H II 77	10 42 07.5	+13 44 49	11.6b	5.8 x 3.5’	G SA(s)c	Leo
208	3507	H IV 7	11 03 25.6	+18 08 08	11.7b	4.6 x 3.7’	G SB(s)b	Leo
209	3524	H III 23	11 06 32.1	+11 23 08	13.8p	1.6 x 0.4’	G S0/a	Leo
210	3547	H II 42	11 09 55.9	+10 43 14	13.2b	1.9 x 0.9’	G Sb:	Leo
211	3596	H II 102	11 15 06.2	+14 47 13	12.0b	3.9 x 3.7’	G SAB(rs)c	Leo
212	3599	H II 49	11 15 27.0	+18 06 37	12.0v	2.7 x 2.2’	G SA0:	Leo
212	3605	H III 27	11 16 46.6	+18 01 01	12.3v	1.6 x 1.2’	G E4-5	Leo
213	3646	H III 15	11 21 43.1	+20 10 10	11.8b	3.9 x .2.2’	G SA:(r)bc pec ring	Leo
214	3659	H II 53	11 23 45.3	+17 49 07	12.8p	2.1 x 1.1’	G SB(s)m?	Leo
215	3681	H II 159	11 26 29.8	+16 51 48	11.9b	2.0 x 2.0’	G SAB(r)bc	Leo
216	3689	H II 339	11 28 11.0	+25 39 41	13.0b	1.6 x 1.0’	G SAB(rs)c	Leo
217	3611	H II 521	11 17 30.1	+04 33 19	12.8b	2.1 x 1.7’	G SA(s)a pec	Leo
218	3666	H I 20	11 24 26.2	+11 20 31	12	4.4x1.2	G SA(rs)c:	Leo
219	3705	H II 13	11 30 07.4	+09 16 37	11.9b	4.9 x 2.0’	G SAB(r)ab	Leo
220	3156	H III 255	10 12 41.2	+03 07 45	13.1b	2.2 x 1.0’	G S0:	Sex
221	3511	H V 39	11 03 23.7	-23 05 11	10.9v	6.2 x 2.1’	G SA(s)c	Crt
221	3513	H V 40	11 03 46.0	-23 14 38	11.4v	3.0 x 2.3’	G SB(rs)c	Crt
222	3636	H II 550	11 20 25.1	-10 16 55	13.3b	1.3’	G E0	Crt
222	3637	H II 551	11 20 39.5	-10 15 27	13.6b	1.8 x 1.5’	G (R)SB(r)0°	Crt
223	3672	H I 131	11 25 02.5	-09 47 40	12.1b	4.1 x 1.9’	G SA(s)c	Crt
224	3693	H III 532	11 28 11.5	-13 11 41	13.1	3.2 x 0.6’	G (R’)SA(r)b	Crt
225	3732	H II 552	11 34 13.9	-09 50 44	12.5v	1.2 x 1.2’	G SAB(s)0/a:	Crt
226	3887	H I 120	11 47 04.7	-16 51 16	11.4b	3.3 x 2.5’	G SB(r)bc	Crt
227	3892	H II 553	11 48 00.9	-10 57 43	12.5p	2.9 x 2.4’	G SB(rs)0+	Crt
228	4024	H II 295	11 58 31.2	-18 20 50	11.7v	2.0 x 1.6’	G SAB0-	Crv
229	4039	H IV 28.2	12 01 54.0	-18 53 03	11.1p	4.0 x 2.2’	G SA(s)m pec	Crv

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
230	4138	H I 196	12 09 29.9	+43 41 07	12.2b	3.0 x 2.4’	G SA(r)0+	CVn
231	4217	H II 748	12 15 50.6	+47 05 33	11.1v	5.7 x 1.6’	G SAb sp	CVn
231	4220	H I 209	12 16 11.7	+47 53 00	12.3b	3.9 x 1.3’	G SA(r)0+	CVn
231	4248	H II 742	12 17 50.4	+47 24 36	12.5v	3.1 x 1.1’	G I0 sp	CVn
232	4244	H V 41	12 17 29.4	+37 48 24	10.3v	17.7 x 1.9’	G SA(s)cd: sp	CVn
233	4369	H I 166	12 24 36.2	+39 22 58	12.3b	2.1 x 2.1’	G (R)SA(rs)a	CVn
234	4395	H V 29.1	12 25 48.9	+33 32 51	10.6b	13.3 x 11.0’	G SA(s)m:	CVn
235	4914	H II 645	13 00 42.9	+37 18 54	12.5b	3.5 x 1.9’	G E+/S0	CVn
236	4956	H II 413	13 05 00.9	+35 10 40	13.3b	1.5 x 1.5’	G S0	CVn
237	5023	H II 664	13 12 11.8	+44 02 20	12.9b	6.7 x 0.7’	G Scd: sp	CVn
238	5103	H II 665	13 20 30.1	+43 05 02	13.6p	1.4 x 0.9’	G S:	CVn
239	5371	H II 716	13 55 39.9	+40 27 42	10.5v	5.5 x 4.0’	G SAB(rs)bc	CVn
240	5383	H I 181	13 57 04.9	+41 50 46	12.1b	3.1 x 2.6’	G (R’)SB(rs)b: p	CVn
241	5440	H II 416	14 03 01.1	+34 45 26	13.2	4.1 x 1.6’	G Sa	CVn
241	5444	H II 417	14 03 24.2	+35 07 54	12.8b	2.4 x 2.0’	G E+:	CVn
241	5445	H III 413	14 03 31.6	+35 01 29	14.0p	1.8 x 0.6’	G S0?	CVn
242	4136	H II 321	12 09 17.7	+29 55 39	11.7p	4.0 x 4.0’	G SAB(r)c	Com
243	4169	H III 358	12 12 18.7	+29 10 46	13.2b	2.3 x 1.2’	G S0/a	Com
244	4185	H II 373	12 13 22.1	+28 30 40	12.9p	2.6 x 1.9’	G Sbc	Com
245	4310	H II 378	12 22 26.3	+29 12 31	13.2p	2.2 x 1.1’	G (R’)SAB(r)0+?	Com
246	4359	H III 648	12 24 11.7	+31 31 20	13.4p	4.0 x 0.9’	G SB(rs)c? sp	Com
247	4152	H II 83	12 10 37.5	+16 01 59	12.7b	2.5 x 2.0’	G SAB(rs)c	Com
248	4189	H II 106	12 13 47.5	+13 25 33	11.7v	2.5 x 2.0’	G SAB(rs)cd?	Com
248	4212	H II 108	12 15 39.3	+13 54 05	11.8b	3.8 x 2.1’	G SAc:	Com
249	4237	H II 11	12 17 11.4	+15 19 26	11.6v	2.5 x 1.7’	G SAB(rs)bc	Com
250	4298	H II 111	12 21 32.8	+14 36 24	**11.3v**	3.0 x 1.8’	G SA(rs)c	Com
250	4302	H II 112	12 21 42.3	+14 35 59	11.6v	5.8 x 0.7’	G Sc:	Com
251	4312	H II 628	12 22 31.4	+15 32 16	12.5b	4.6 x 1.2’	G SA(rs)ab: sp	Com
251	4379	H II 87	12 25 14.7	+15 36 27	12.6b	2.0 x 1.6’	G S0- pec:	Com
252	4336	H II 406	12 23 29.8	+19 25 36	13.5p	2.0 x 0.9’	G SB0/a	Com
253	4340	H II 85	12 23 35.2	+16 43 21	12.1b	3.5 x 2.7’	G SB(r)0+	Com
254	4571	H III 602	12 36 56.4	+14 13 02	11.8b	3.6 x 3.1’	G SA(r)d	Com
255	5012	H I 85	13 11 37.0	+22 54 56	12.9p	2.9 x 1.7’	G SAB(rs)c	Com
256	5053	H VI 7	13 16 26.9	+17 41 52	9	10’	GC Class XI	Com
257	5056	H III 306	13 16 12.3	+30 57 00	13.7b	2.2 x 1.0’	G Scd:	Com
258	4045	H II 276	12 02 42.3	+01 58 38	11.9v	3.2 x 1.3’	G SAB(r)a	Vir
258	4073	H II 277	12 04 27.0	+01 53 45	11.4v	3.4 x 2.3’	G E5/S0-	Vir
259	4124	H I 33 H II 60	12 08 09.7	+10 22 43	12.2b	4.2 x 1.3’	G SA(r)0+	Vir
260	4168	H II 105	12 12 17.2	+13 12 18	12.1b	3.0 x 2.6’	G E2	Vir
261	4224	H II 136	12 16 33.8	+07 27 42	12.9b	2.5 x 0.9’	G SA(s)a: sp	Vir
261	4233	H II 496	12 17 07.6	+07 37 26	12.9b	2.3 x 0.8’	G S0°	Vir
261	4235	H II 17	12 17 09.8	+07 11 28	13.0b	2.5 x 1.3’	G SA(s)a	Vir
262	4241	H III 480	12 17 59.8	+06 39 16	13.0b	2.5 x 1.3’	G SB(s)cd	Vir
263	4260	H II 138	12 19 22.2	+06 05 55	11.8v	3.9 x 1.7’	G SB(s)a	Vir

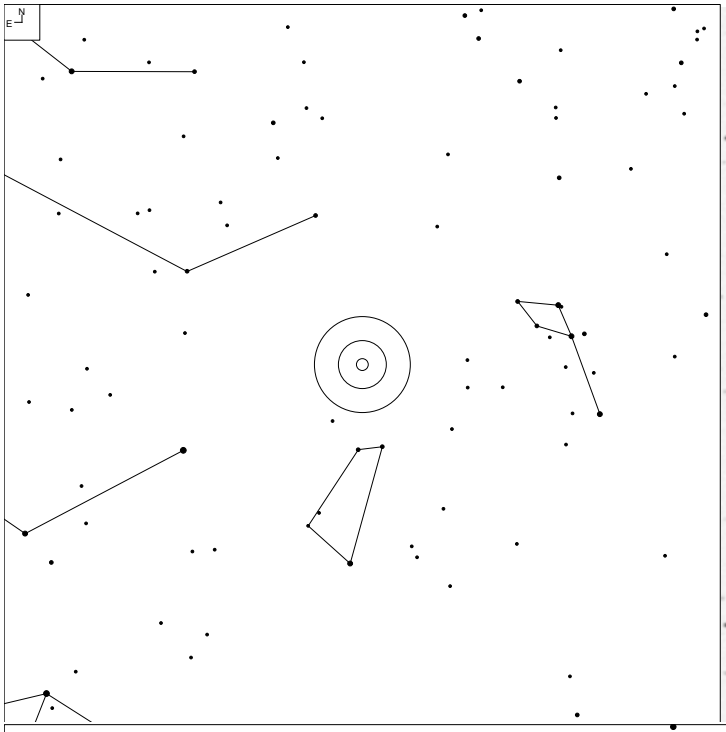
Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
263	4264	H II 140	12 19 35.8	+05 50 48	12.8v	1.1 x1.0’	G SB(rs)0+	Vir
263	4270	H II 568?	12 19 49.5	+05 27 48	13.1b	2.3 x 1.0’	G S0	Vir
264	4339	H II 143	12 23 35.0	+06 04 54	12.3b	2.2 x 2.2’	G E0	Vir
265	4343	H III 942	12 23 38.8	+06 57 15	13.1b	2.9 x 0.9’	G SA(rs)b:	Vir
266	4267	H II 166	12 19 45.2	+12 47 54	11.9b	3.2 x 2.9’	G SB(s)0-?	Vir
267	4294	H II 61	12 21 17.8	+11 30 37	12.5b	3.2 x 1.2’	G SB(s)cd	Vir
267	4299	H II 62	12 21 40.8	+11 30 03	12.9b	1.7 x 1.5’	G SAB(s)dm:	Vir
267	4313	H II 63	12 22 38.6	+11 48 04	12.5b	4.0 x 1.0’	G SA(rs)ab: sp	Vir
268	4517	H IV 5	12 32 45.6	+00 06 54	11.1b	10.7 x 1.5'	SA(s)cd: sp	Vir
269	4519	H II 158	12 33 30.3	+08 39 16	12.3b	3.5 x 2.4’	G SB(rs)d	Vir
270	4586	H I 125	12 38 28.4	+04 19 08	12.6b	4.0 x 1.3’	G SA(s)a: sp	Vir
271	4608	H II 69	12 41 13.6	+10 09 23	12.0b	3.5 x 2.6’	G SB(r)0°	Vir
272	4647	H III 44	12 43 32.5	+11 34 56	11.9b	2.9 x 2.3’	G SAB(rs)c	Vir
273	4612	H II 20 H II 148	12 41 32.7	+07 18 53	11.9b	2.4 x 1.9’	G (R)SAB0°	Vir
274	4639	H II 125	12 42 52.3	+13 15 26	12.2b	3.2 x 2.3’	G SAB(rs)bc:	Vir
275	4487	H II 776	12 31 04.4	-08 03 15	13.0b	1.7 x 1.0’	G SAB(rs)cd	Vir
276	4691	H II 182	12 48 13.4	-03 19 56	11.7b	3.2 x 2.4’	G (R)SB(s)0/a pec	Vir
277	4742	H I 133	12 51 48.0	-10 27 17	12.1b	2.6 x 1.4’	G E4:	Vir
278	4880	H III 83	13 00 10.5	+12 29 00	12.4p	3.1 x 2.4’	G SA(r)0+:	Vir
279	4902	H I 69	13 00 59.6	-14 30 48	11.6b	3.0 x 2.6’	G SB(r)b	Vir
280	4984	H II 301	13 08 57.2	-15 30 59	12.3b	4.2 x 2.6’	G (R)SAB(rs)0+	Vir
281	4904	H II 517	13 00 58.5	-00 01 39	12.6b	2.2 x 1.4’	G SB(s)cd	Vir
282	4915	H IV 47	13 01 28.2	-04 32 48	13.0b	1.6 x 1.3’	G E0	Vir
283	4939	H II 561	13 04 14.3	-10 20 24	11.9b	5.8 x 3.7’	G SA(s)bc	Vir
284	4928	H II 190 H III 760	13 03 00.5	-08 05 06	13.3p	1.2 x 0.8’	G SA(s)bc pec	Vir
285	4941	H I 40	13 04 13.0	-05 33 06	11.9b	3.6 x 1.9’	G (R)SAB(r)ab:	Vir
286	4981	H II 189	13 08 48.7	-06 46 44	12.1p	2.7 x 2.0’	G SAB(r)bc	Vir
287	5018	H II 746	13 13 01.0	-19 31 05	11.7b	3.3 x 2.4’	G E3:	Vir
288	5037	H II 510	13 14 59.6	-16 35 27	12.2v	3.2 x 0.7	G SA(s)a:	Vir
288	5044	H II 511	13 15 24.0	-16 23 06	11.8p	2.9 x 2.9’	G E0	Vir
289	5068	H II 312	13 18 54.6	-21 02 20	10.7b	7.3 x 6.5’	G SAB(rs)cd	Vir
289	5087	H III 724	13 20 24.9	-20 36 40	12.4b	2.3 x 1.6’	G E+/S0	Vir
290	5084	H II 313	13 20 16.6	-21 49 39	11.6b	102 x 1.7’	G S0 sp	Vir
291	5134	H II 314	13 25 18.5	-21 08 04	12.1b	2.9 x 1.7’	G (R)SAB(r)a	Vir
292	4999	H II 537	13 09 33.1	+01 40 23	12.6p	2.4 x 1.9’	G SB(r)b	Vir
293	5020	H II 129	13 12 39.9	+12 35 59	12.5p	3.4 x 2.9’	G SAB(rs)bc	Vir
294	5077	H II 193	13 19 31.6	-12 39 24	11.3v	2.8 x 2.3’	G E3-4	Vir
295	5129	H II 653	13 24 10.0	+13 58 35	13.0b	1.6 x1.3’	G E	Vir
296	5426	H II 309	14 03 25.0	-06 04 09	12.7b	3.0 x 1.6’	G SA(s)c pec	Vir
297	5493	H IV 46	14 11 29.3	-05 02 37	12.3b	1.6 x 1.2’	G S0 pec sp	Vir
298	5506	H II 687	14 13 14.8	-03 12 27	12.8b	2.8 x 0.8’	G Sa pec sp	Vir
298	5507	H IV 49	14 13 19.8	-03 08 56	13.5b	1.5 x 0.7’	G SAB(r)0°	Vir
299	5560	H II 579	14 20 04.6	+03 59 32	12.4v	4.3 x 1.2’	G SB(s)b pec	Vir

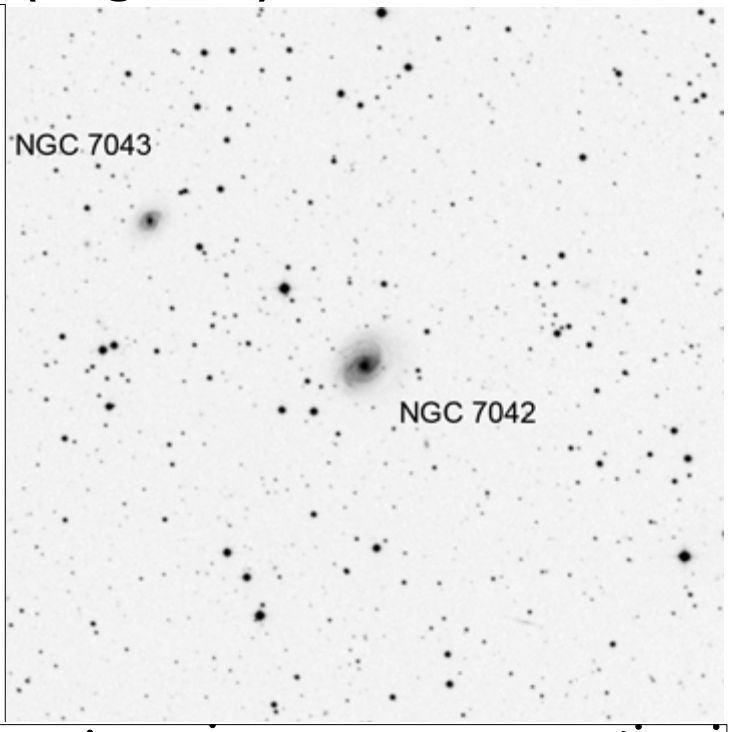
Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
300	5638	H II 581	14 29 40.5	+03 13 59	11.2v	2.7 x 2.4’	G E1	Vir
301	5668	H II 574	14 33 24.4	+04 27 01	12.2b	3.3 x 3.0’	G SA(s)d	Vir
302	5750	H I 183	14 46 11.1	-00 13 25	12.5b	3.0 x 1.5’	G SB(r)0/a	Vir
303	5775	H III 554	14 53 57.5	+03 32 42	12.2b	4.2 x 1.0’	G SBc? sp	Vir
304	5806	H II 539	15 00 00.3	+01 53 28	12.4b	3.0 x 1.5’	G SAB(s)b	Vir
304	5813	H I 127	15 01 11.2	+01 42 07	11.5b	4.1 x 2.9’	G E1-2	Vir
305	5831	H II 540	15 04 07.0	+01 13 11	11.5v	2.0 x 1.7’	G E3	Vir
305	5838	H II 542	15 05 26.2	+02 05 58	11.9b	4.1 x 1.4’	G SA0-	Vir
305	5850	H II 543	15 07 07.8	+01 32 47	10.7v	4.6 x 4.1’	G SB(r)b	Vir
306	5854	H II 544 H II 585	15 07 47.6	+02 34 06	12.7b	2.7 x 0.7’	G SB(s)0+ sp	Vir
307	3682	H I 262	11 27 41.2	+66 35 23	13.3b	1.6 x 1.0’	G SA(s)0/a:?	Dra
308	4133	H I 278	12 08 49.9	+74 54 15	13.1p	1.8 x 1.3’	G SABb:	Dra
309	4291	H I 275	12 20 17.7	+75 22 15	12.4b	1.9 x 1.5’	G E3	Dra
309	4319	H I 276	12 21 43.9	+75 19 20	12.8p	2.9 x 2.3’	G SB(r)ab	Dra
310	4236	H V 51	12 16 43.5	+69 27 34	10.1b	22 x 7.2’	G SB(s)dm	Dra
311	4250	H I 264	12 17 26.2	+70 48 09	12.8p	2.7 x 2.1’	G SAB(r)0+	Dra
312	4256	H II 846	12 18 42.9	+65 53 54	12.7p	4.5 x 0.7’	G SA(s)b: sp	Dra
313	5879	H II 757	15 09 47.0	+57 00 05	11.5v	4.2 x 1.4’	G SA(rs)bc:?	Dra
314	5985	H II 766	15 39 37.0	+59 19 55	11.9b	5.5 x 2.9’	G SAB(r)b	Dra
315	6015	H III 739	15 51 25.2	+62 18 35	11.7b	5.4 x 2.1’	G SA(s)cd	Dra
316	6340	H II 767	17 10 25.1	+72 18 17	11.9b	3.2 x 2.9’	G SA(s)0/a	Dra
317	5481	H II 693	14 06 41.4	+50 43 23	13.3p	1.6 x 1.2’	G E+	Boo
318	5520	H III 676	14 12 22.8	+50 20 54	13.3P	2.2 X 1.0’	G Sb	Boo
319	5490	H III 32	14 09 57.3	+17 32 44	13.1b	2.4 x 1.9	G E	Boo
320	5600	H II 177	14 23 49.5	+14 38 20	12.7p	1.4 x 1.3’	G Sc pec	Boo
321	5523	H III 134	14 14 51.7	+25 19 05	12.8p	4.6 x 1.2’	G SA(s)cd:	Boo
322	5548	H II 194	14 17 59.6	+25 08 13	13.3b	1.4 x 1.2’	G (R’)SA(s)0/a	Boo
323	5529	H III 414	14 15 34.2	+36 13 35	12.8b	6.2 x 0.8’	G Sc: sp	Boo
324	5533	H II 418	14 16 07.7	+35 20 37	12.7b	4.3 x 2.7’	G SA(rs)ab	Boo
325	5590	H III 417	14 21 38.3	+35 12 17	13.3p	2.0 x 1.6’	G S0	Boo
326	5582	H II 754	14 20 43.2	+39 41 36	12.5b	2.8 x 1.7’	G E	Boo
327	5899	H II 650	15 15 03.2	+42 02 58	12.5b	3.2 x 1.2’	G SAB(rs)c	Boo
328	5602	H II 694	14 22 18.9	+50 30 05	13.6p	1.4 x 0.7’	G Sa	Boo
329	5660	H II 695	14 29 49.8	+49 37 20	12.4b	2.8 x 2.7’	G SAB(rs)c	Boo
330	5687	H II 808	14 34 52.3	+54 28 33	12.6b	2.4 x 1.6’	G S0-?	Boo
331	5595	H III 121	14 24 13.3	-16 43 23	12.6b	2.2 x 1.2’	G SAB(rs)c	Lib
331	5597	H III 122	14 24 27.5	-16 45 46	12.6b	2.1 x 1.6’	G SAB(s)cd	Lib
332	5605	H III 120	14 25 07.6	-13 09 48	12.9b	1.6 x 1.3’	G(R’)SAB(rs)c p	Lib
333	5728	H I 184	14 42 24.0	-17 15 10	12.3b	3.1 x 1.7’	G SAB(r)a:	Lib
334	5791	H III 691	14 58 46.2	-19 16 01	12.7b	2.6 x 1.3’	G E4/S0-	Lib
335	5812	H I 71	15 00 55.7	-07 27 26	12.2b	2.1 x 1.8’	G E0	Lib
336	5861	H II 192	15 09 16.0	-11 19 20	12.3p	3.0 x 1.6’	G SAB(rs)c	Lib
337	5878	H III 736	15 13 45.7	-14 16 10	12.4b	3.5 x 1.4’	G SA(s)b	Lib
338	6058	H III 637	16 04 26.4	+40 40 59	13.3p	35”	PN 3 + 2	Her

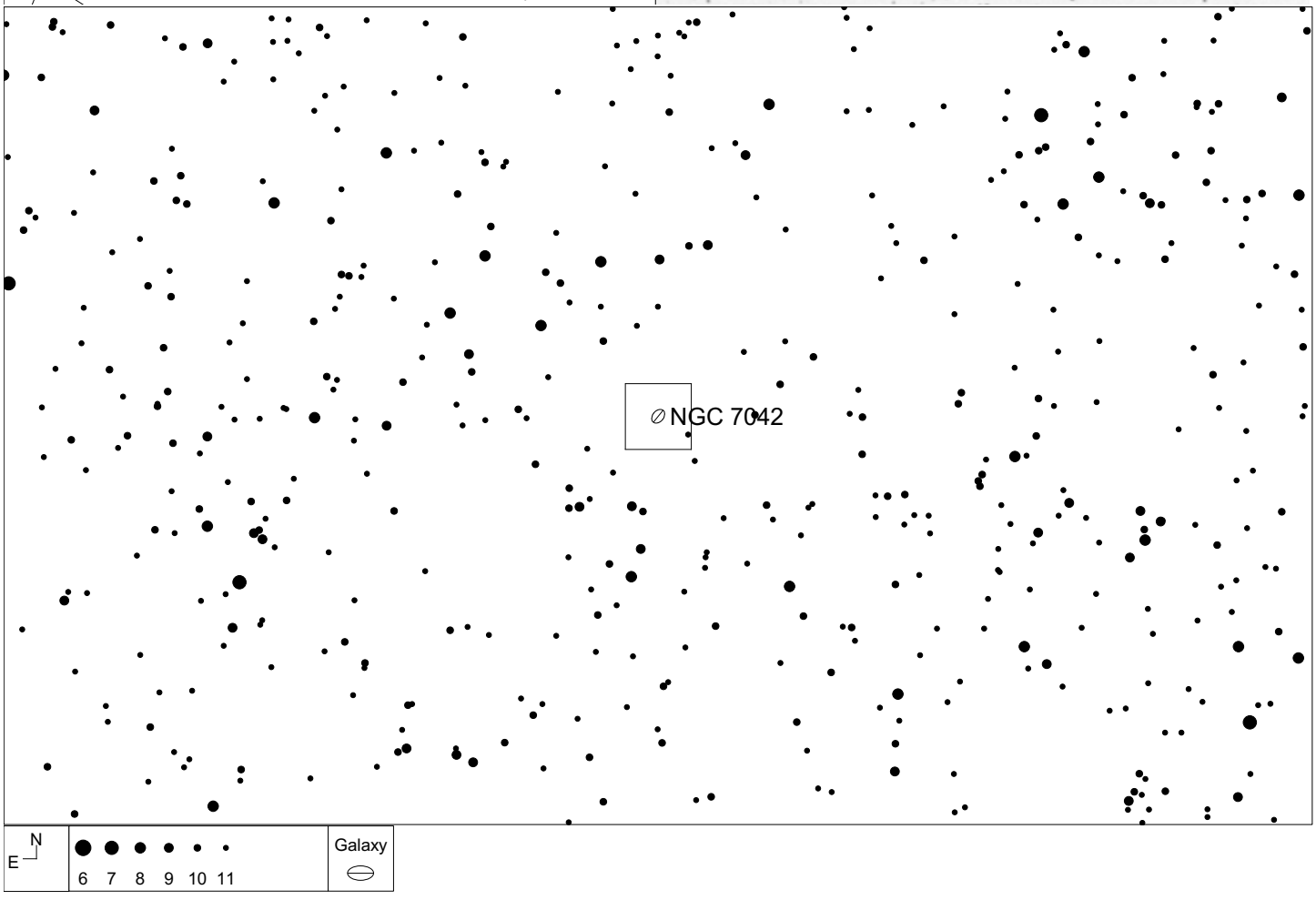
Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
339	6106	H II 151	16 18 47.3	+07 24 40	12.8b	2.5 x 1.3’	G SA(s)c	Her
340	6155	H II 690	16 26 08.5	+48 21 59	13.2p	1.3 x 0.8’	G S?	Her
341	6166	H II 875	16 28 38.4	+39 33 05	12.8b	2.2 x 1.5’	G cD/E	Her
342	6239	H III 727	16 50 05.6	+42 44 22	12.9b	3.3 x 1.2’	G SB(s)b pec?	Her
343	6181	H II 753	16 32 21.2	+19 49 32	12.5b	2.5 x 1.1’	G SA(rs)c	Her
344	6548	H III 555	18 05 59.1	+18 35 14	12.7b	2.9 x 2.7’	G SB0	Her
345	5970	H II 76	15 38 30.1	+12 11 12	12.2b	2.9 x 1.9’	G SB(r)c	Ser
346	6070	H III 553	16 09 58.6	+00 42 32	12.5b	3.5 x 1.8’	G SA(s)cd	Ser
347	6604	H VIII 15	18 18 03	-12 14 35	6.5	6’	OC I 3 m n	Ser
348	6507	H VIII 53	17 59 50	-17 23 00	9.6	6’	OC IV 3 m	Sgr
349	6526	H V 9	18 04 27	-23 32 00	-	52 x 36’	EN	Sgr
350	6596	H VIII 55	18 17 33	-16 39 00		10.0'	OC III 2 m	Sgr
351	6717	H III 143	18 55 060	-22 42 06	8.4	5.4’	GC Class VIII	Sgr
352	6772	H IV 14	19 14 36.2	-02 42 24	14.2p	84”	PN 3b + 2	Aql
353	6804	H VI 38	19 31 35.3	+09 13 31	12.2p	35”	PN 4 + 2	Aql
354	6814	H III 744	19 42 40.6	-10 19 23	12.1b	3.0 x 2.7’	G SAB(rs)bc	Aql
355	6824	H II 878	19 43 40.9	+56 06 33	13.0b	1.9 x 1.5’	G SA(s)b:	Cyg
356	6857	H III 144	20 01 47.6	+33 31 38	11.4p	38”	EN	Cyg
357	6888	H IV 72	20 12 01.0	+38 23 00	7.4b	18 x 8’	EN W-R Ring	Cyg
358	6894	H IV 13	20 16 23.9	+30 33 55	14.4p	60”	PN 4 + 2	Cyg
359	6960	H V 15	20 45 58	+30 43 00		70 x 6’	SNR	Cyg
360	6992	H V 14	20 56 19	+31 30 00		60 x 8’	SNR	Cyg
361	6991	H VIII 76	20 54 56	+47 25 00		25'	OC III 2 m n	Cyg
362	6997	H VIII 58	20 56 39	+44 39 00	10	8’	OC III 2 m n	Cyg
363	7031	H VIII 74	21 07 12	+50 51 00	9.1	15’	OC III 2 m	Cyg
364	7067	H VII 50	21 24 23	+48 01 00	9.7	3’	OC II 1 p	Cyg
365	7082	H VII 52	21 29 17	+47 05 00	7.2	24’	OC IV 2 p	Cyg
366	6793	H VIII 81	19 23 14	+22 08 55	-	7’	OC III 2 p	Vul
367	6800	H VIII 21	19 27 07	+25 05 03	-	5’	OC IV 1 p	Vul
368	7023	H IV 74	21 01 36	+68 10 00	7.2b	14’	RN	Cep
369	7129	H IV 75	21 42 59	+66 05 00	11.5b	8’	OC IV 2 p n	Cep
370	7139	H III 696	21 46 08.6	+63 47 29	13.3p	77”	PN 3b	Cep
371	7354	H II 705	22 40 19.9	+61 17 07	12.9p	36”	PN 4 + 3b	Cep
372	7419	H VII 43	22 54 20.1	+60 48 55	13	6’	OC I 2 m	Cep
373	7762	H VII 55	23 50 01	+68 01 00	10	11’	OC II 2 m	Cep
374	1184	H II 704	03 16 45.4	+80 47 36	13.4p	2.8 x 0.5’	G S0/a	Cep
375	7245	H VI 29	22 15 16	+54 20 00	9.2	5’	OC II 2 m	Lac
376	6907	H III 141	20 25 06.7	-24 48 32	11.9b	3.3 x 2.9’	G SB(s)bc	Cap
377	7171	H III 692	22 01 02.0	-13 16 11	12.9b	2.6 x 1.5’	G SB(rs)b	Aqr
378	7184	H II 1	22 02 39.8	-20 48 46	11.7b	6.0 x 1.4’	G SB(r)c	Aqr
379	7218	H II 897	22 10 11.7	-16 39 36	12.7p	2.7 x 1.3’	G SB(rs)cd	Aqr
380	7377	H II 598	22 47 47.4	-22 18 38	12.1b	2.9 x 2.4’	G SA(s)0+	Aqr
381	7392	H II 702	22 51 48.7	-20 36 26	12.6b	2.1 x 1.2’	G (R')SB(rs)ab	Aqr
382	7492	H III 558	23 08 26.7	-15 36 41	11.2v	4.2’	GC Class XII	Aqr
383	7600	H II 431	23 18 53.8	-07 34 50	12.9b	2.7 x 1.1’	G S0- sp	Aqr

Herschel 400 – Part II
Observer's Atlas

NGC 7042 (Pegasus)

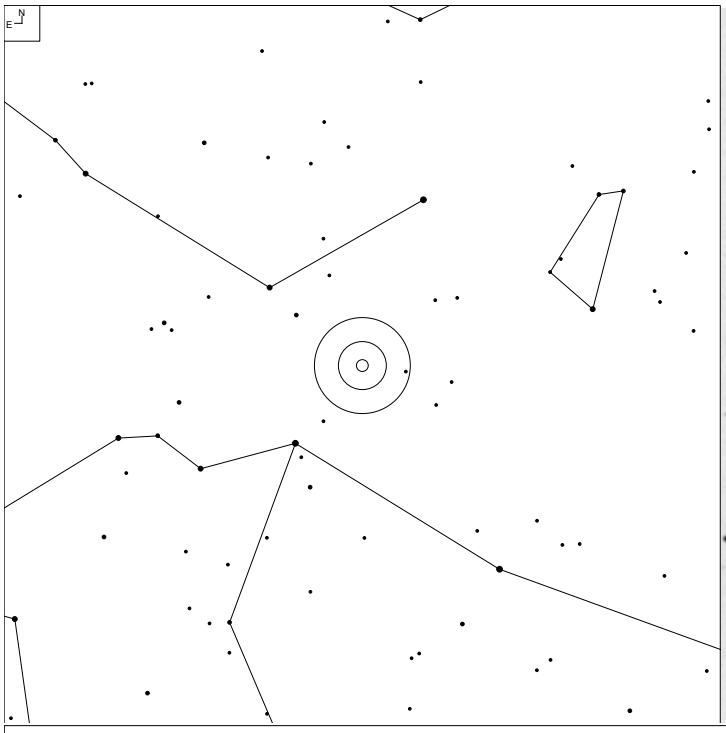


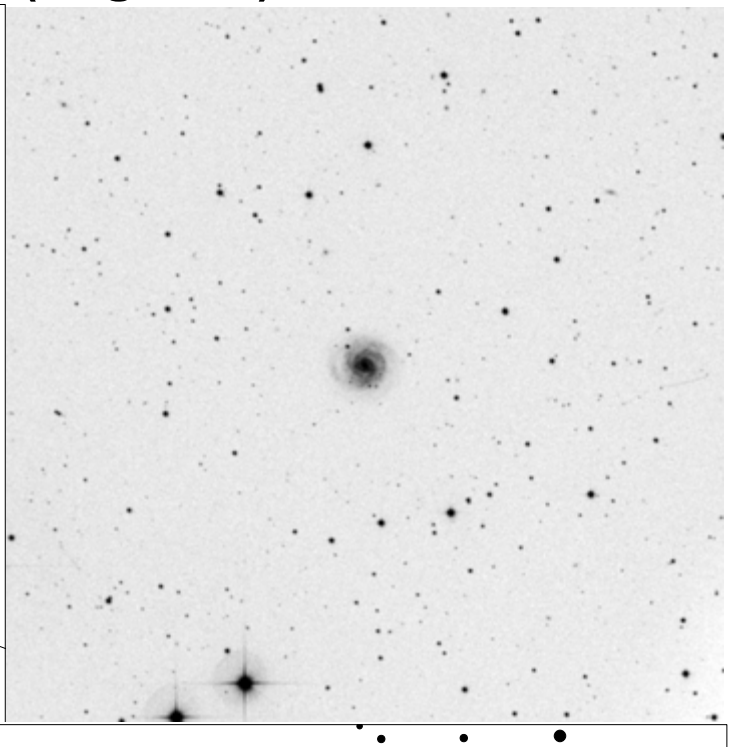


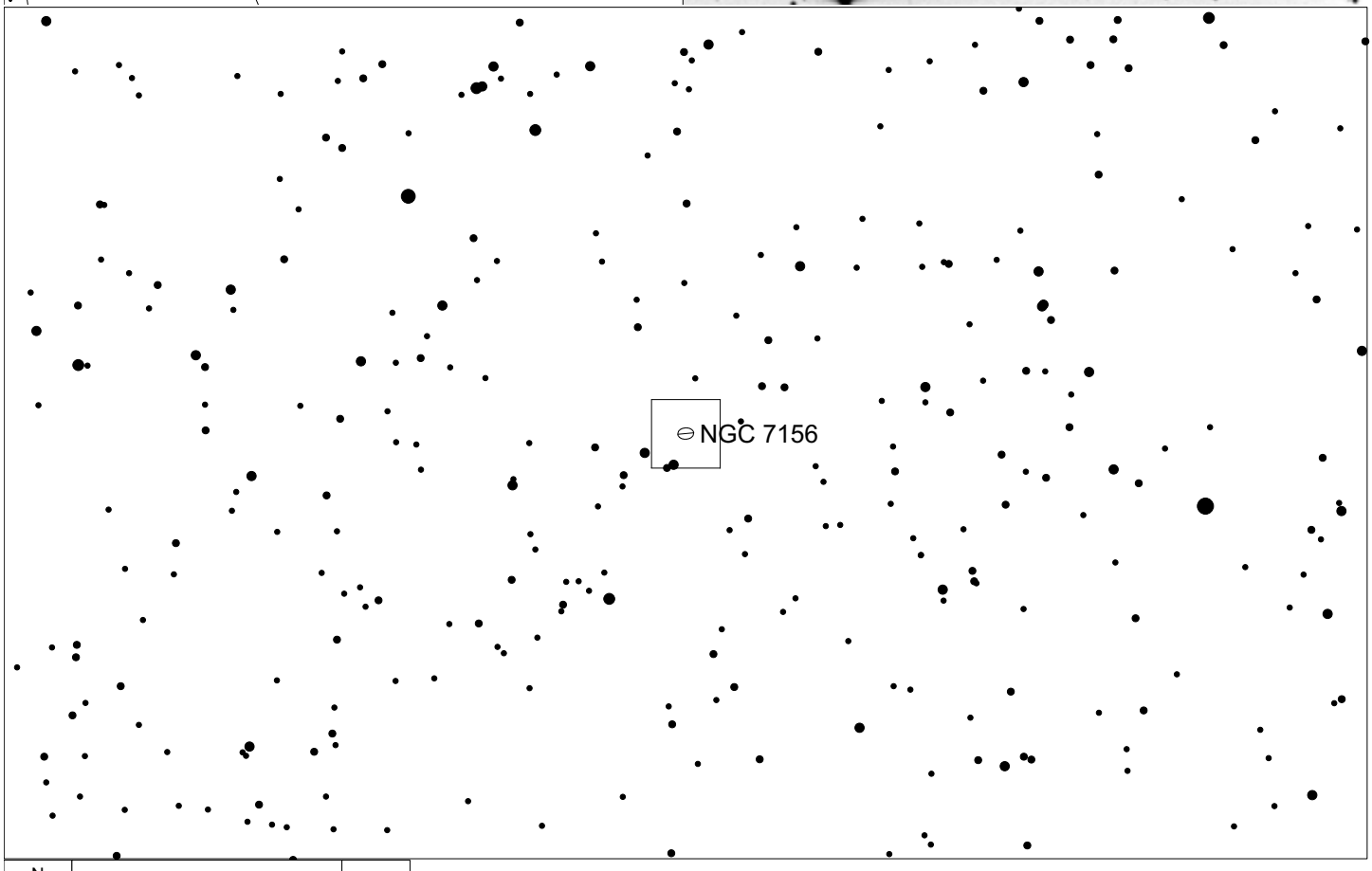


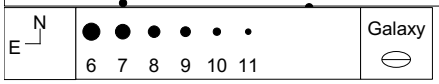
Herschel	RA	Dec	Mag	Size	Type
H III 209	21 13 45.8	+13 34 30	12.8p	2.0 x 1.7’	G Sb

NGC 7156 (Pegasus)



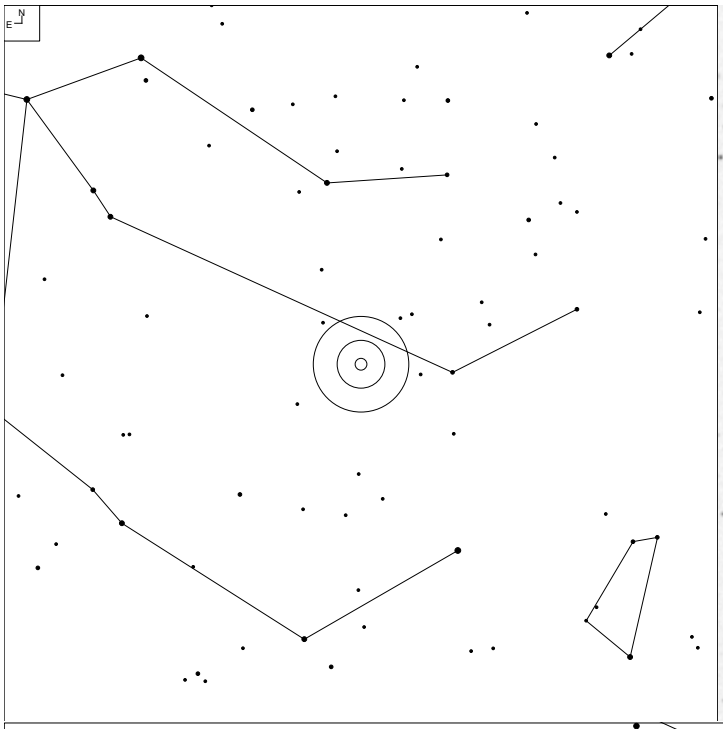


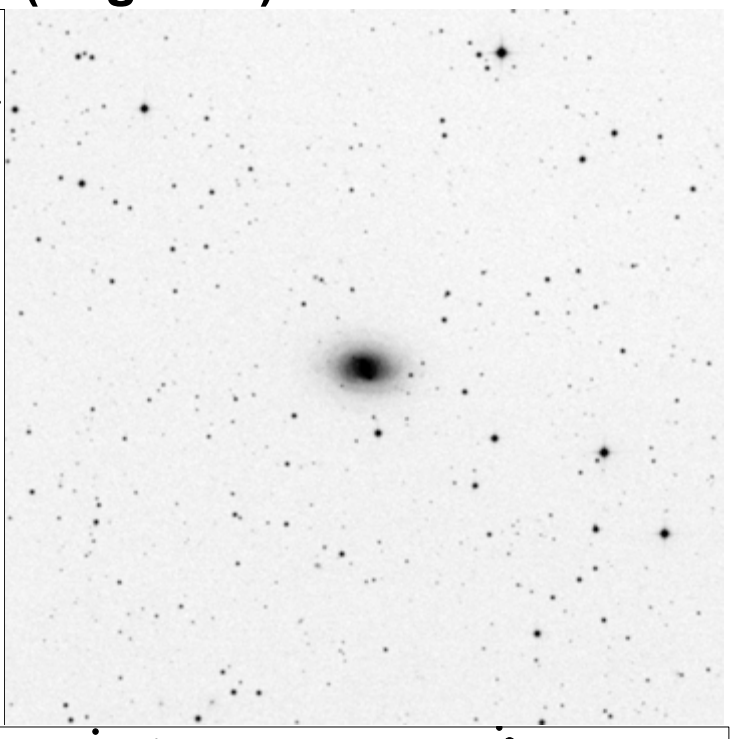


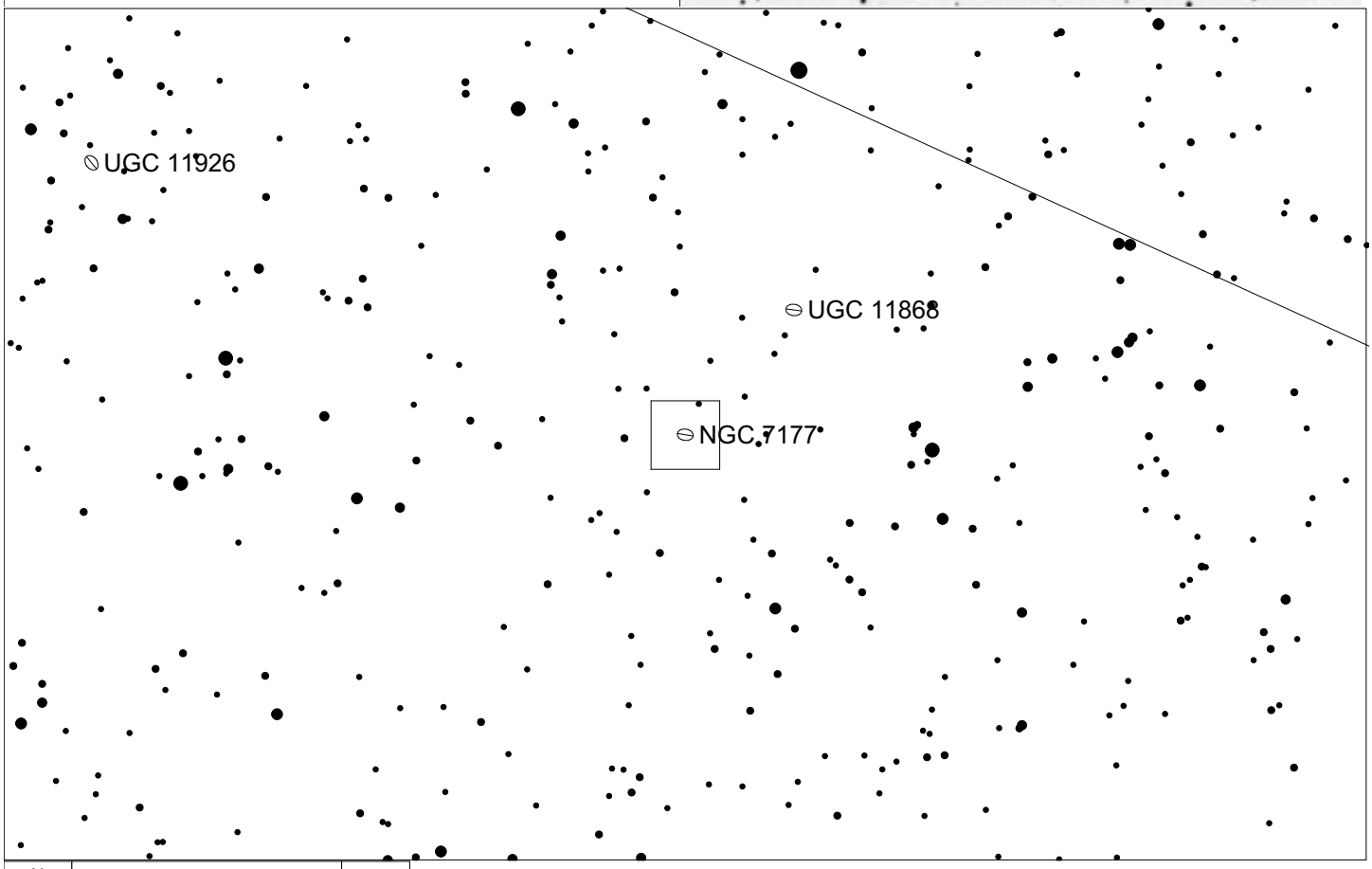


Herschel	RA	Dec	Mag	Size	Type
H III 452	21 54 33.6	+02 56 35	13.1b	1.6 x 1.3’	G SAB(rs)cd:

NGC 7177 (Pegasus)

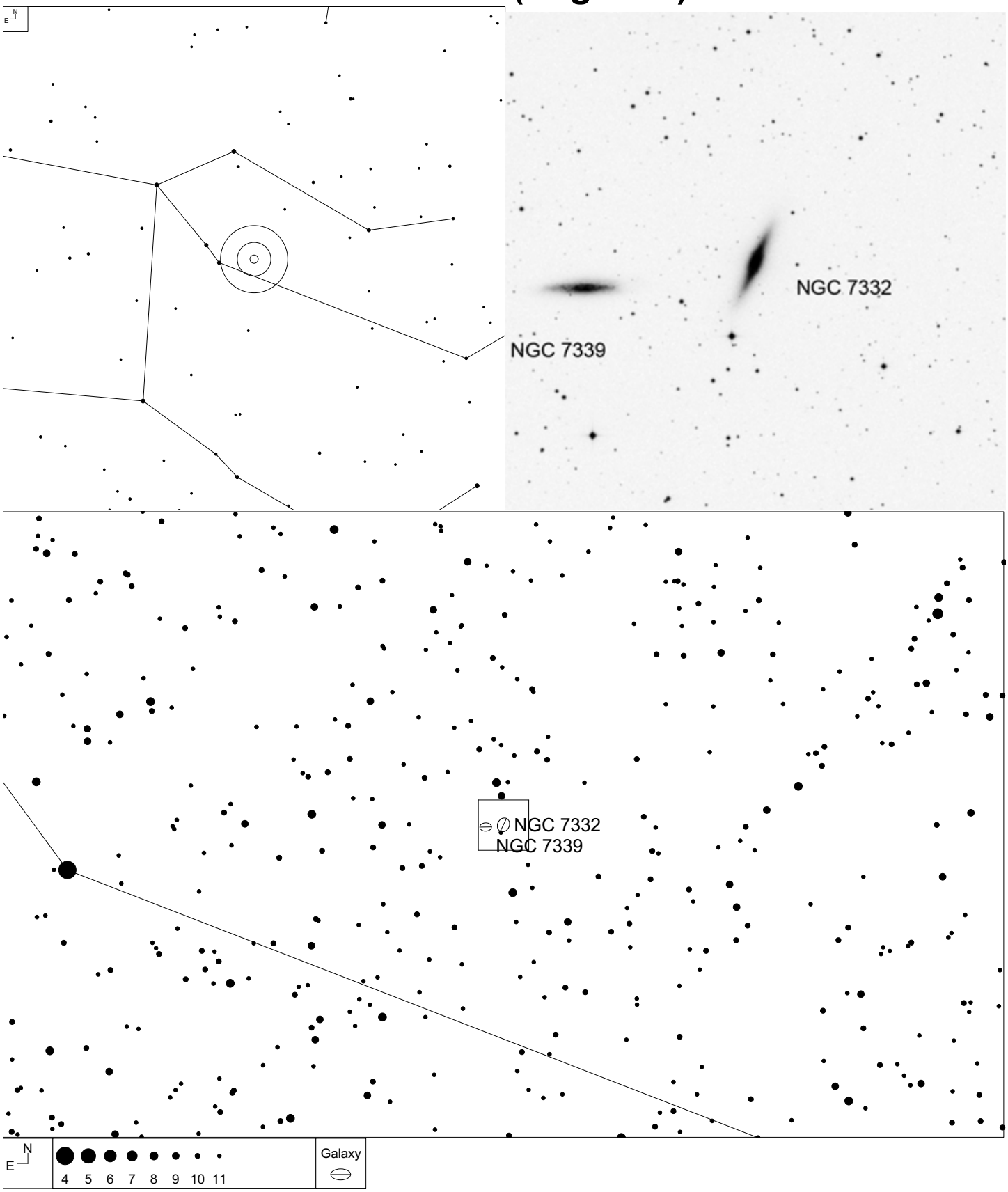






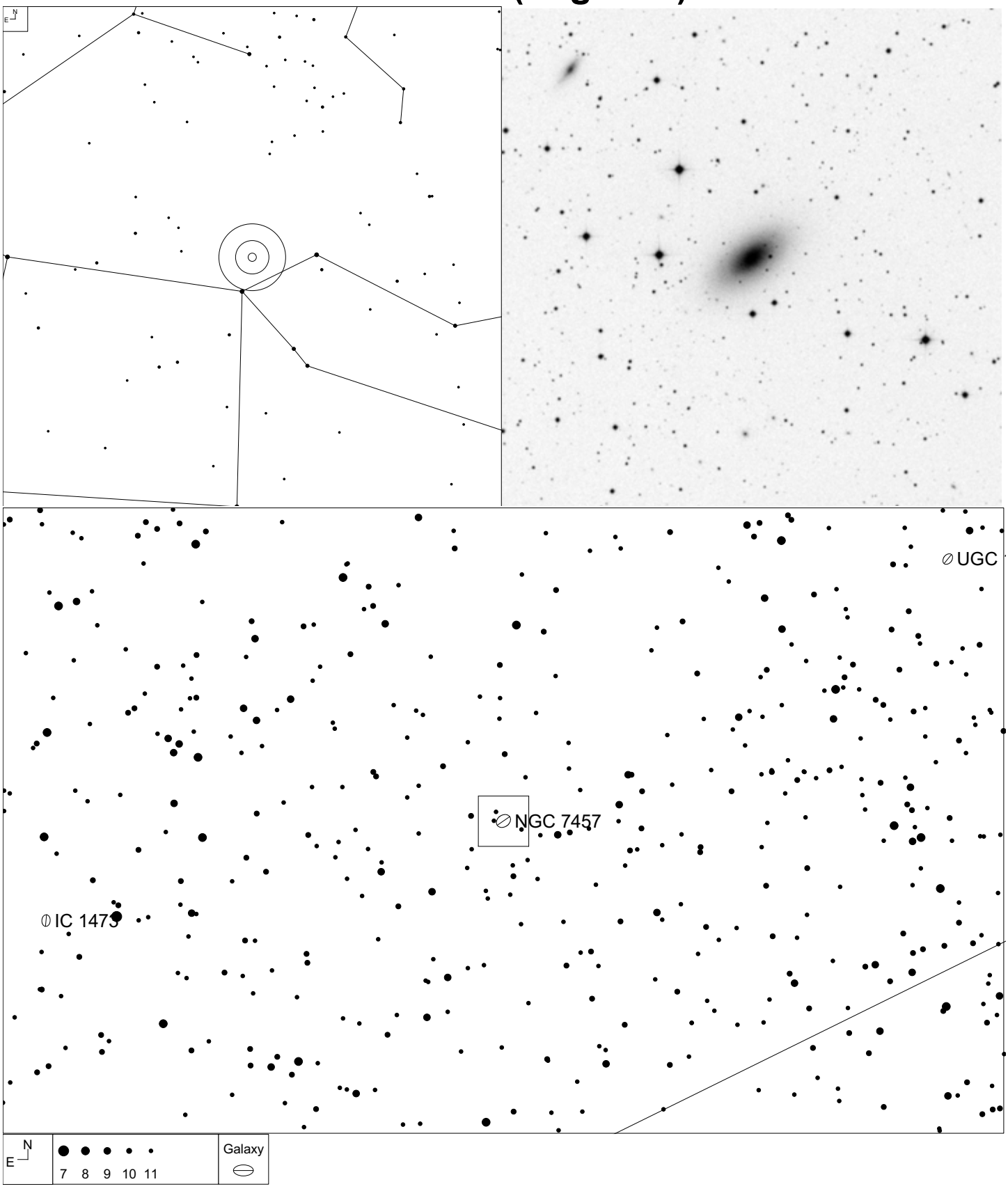
Herschel	RA	Dec	Mag	Size	Type
H II 247	22 00 41.2	+17 44 17	12.0b	3.1 x 2.0’	G SAB(r)b

NGC 7332 (Pegasus)



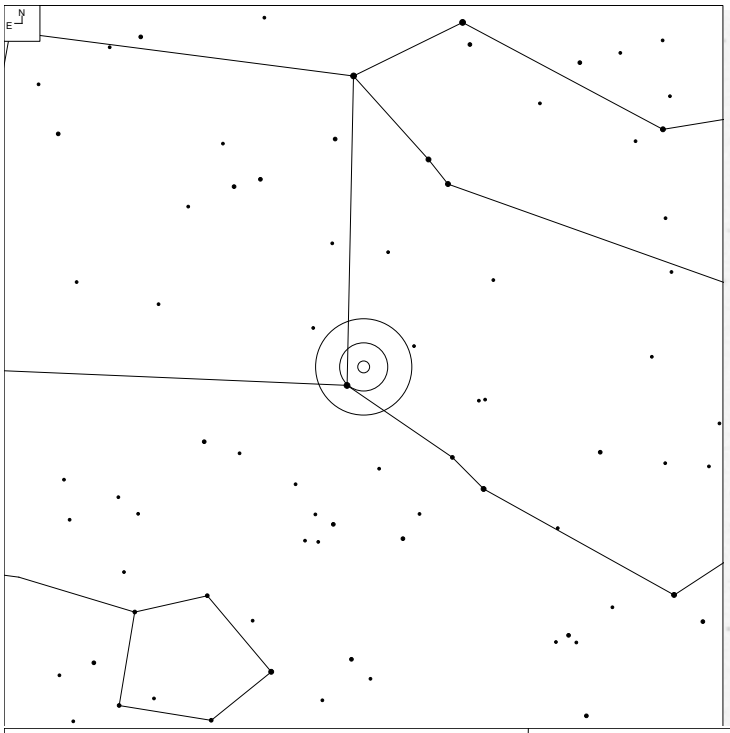
Herschel	RA	Dec	Mag	Size	Type
H II 233	22 37 24.5	+23 47 54	12.0b	4.0 x 1.1’	G S0 pec sp

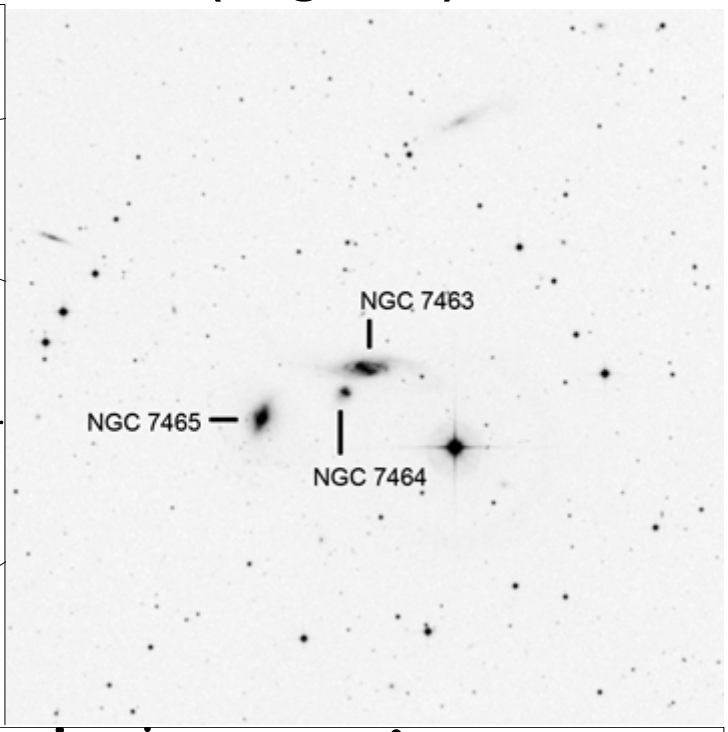
NGC 7457 (Pegasus)

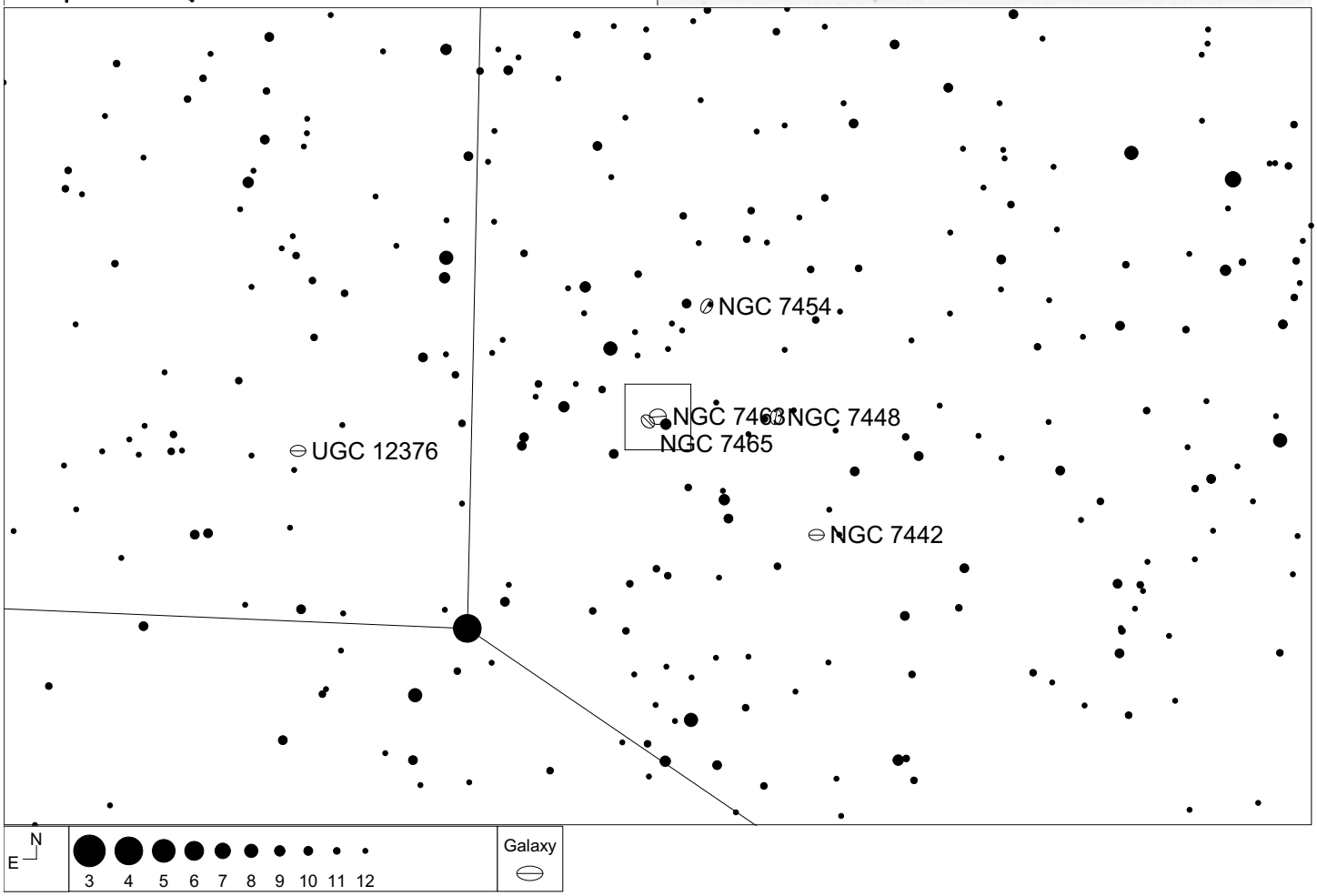


Herschel	RA	Dec	Mag	Size	Type
H II 212	23 01 00.0	+30 08 42	12.1b	4.3 x 2.3’	G SA(rs)0-?

NGC 7463 and NGC 7465 (Pegasus)

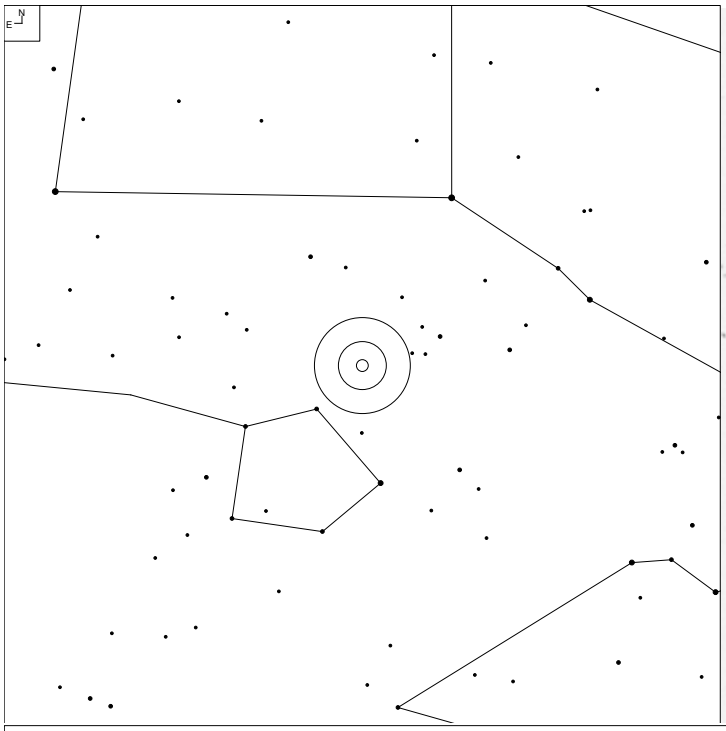


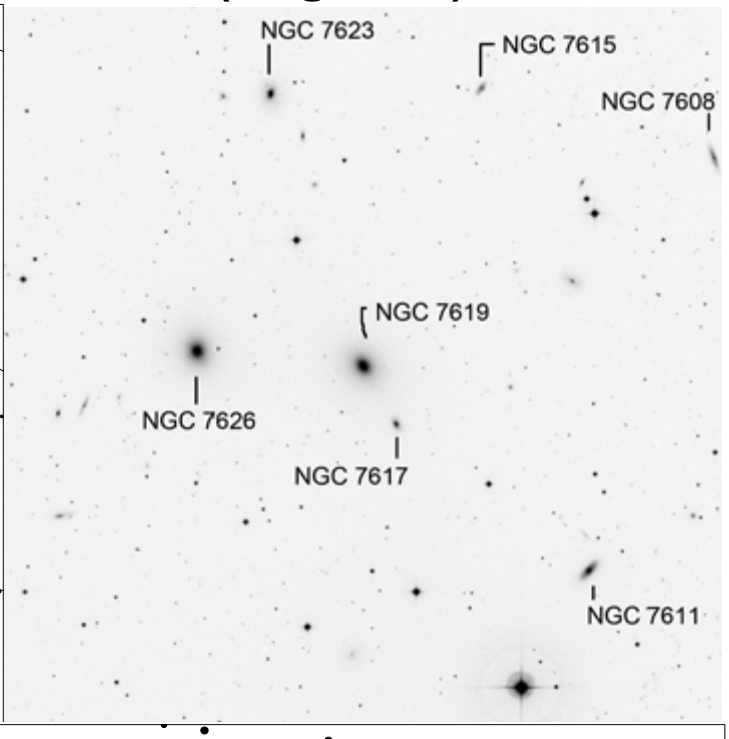


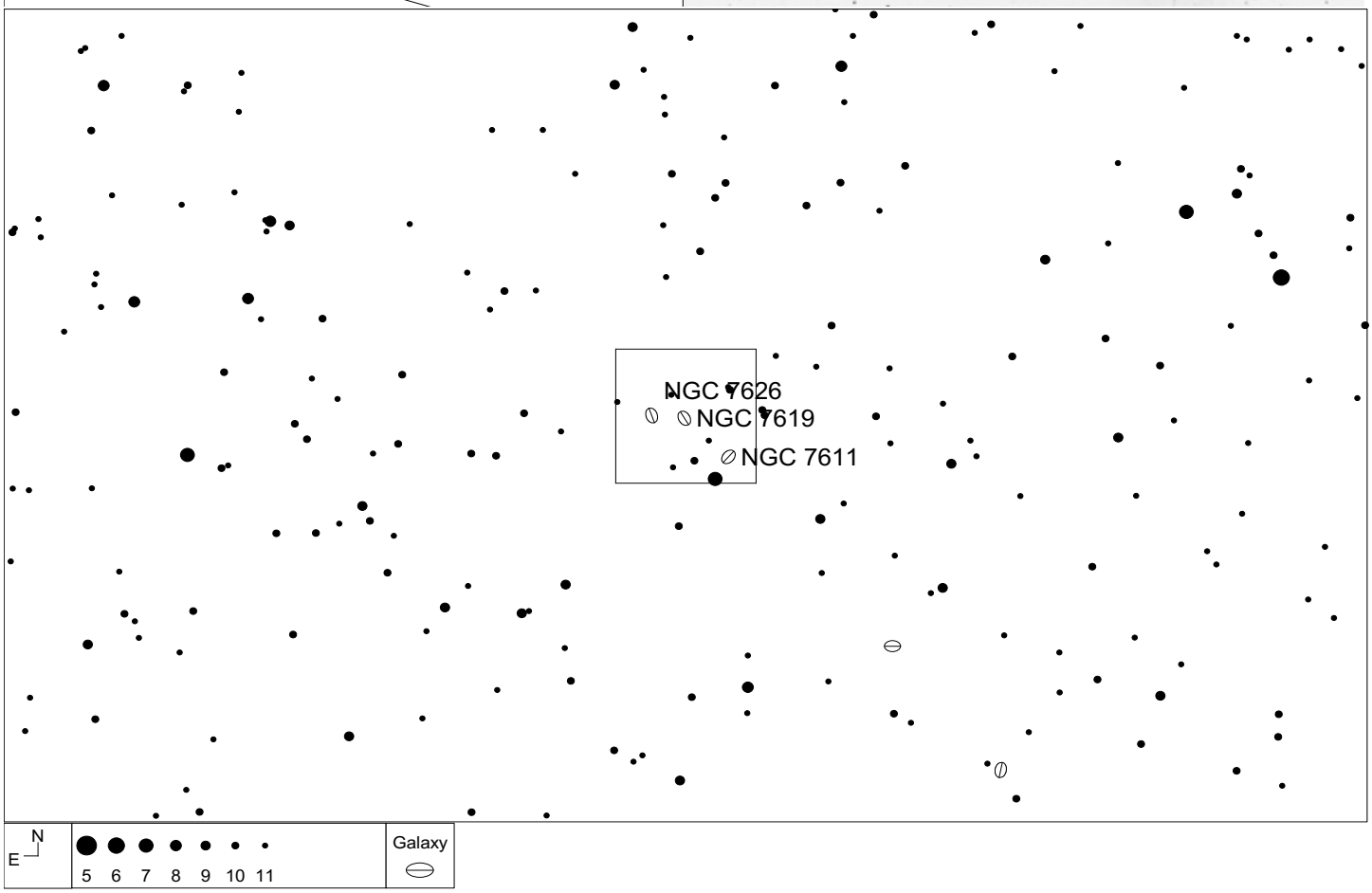


Herschel	RA	Dec	Mag	Size	Type
H III 210	23 01 52.0	+15 58 55	13.8b	3.7 x 0.7’	G SABb: pec
H III 211	23 02 01.0	+15 57 54	12.6v	2.2 x 1.8’	G (R’)SB(s)0°:

NGC 7619, 7623 and 7626 (Pegasus)

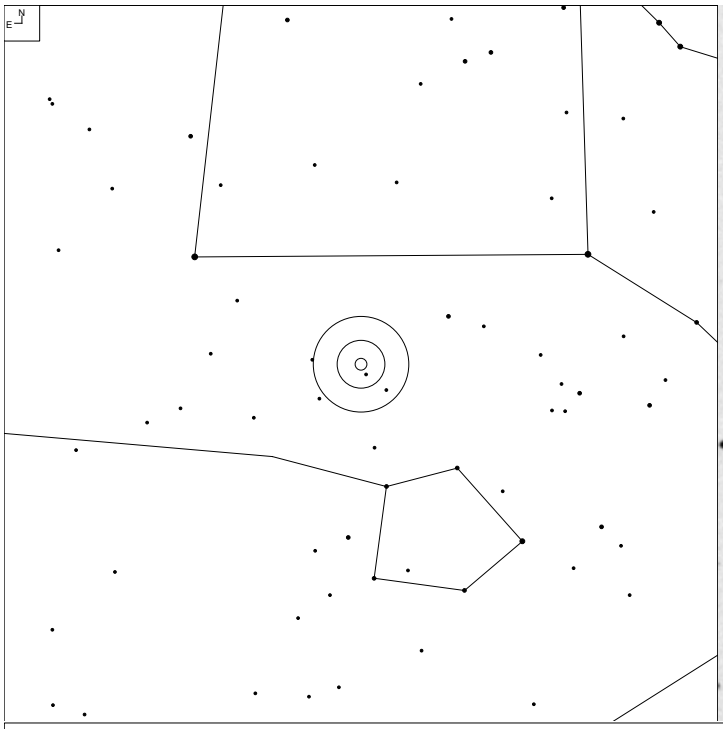


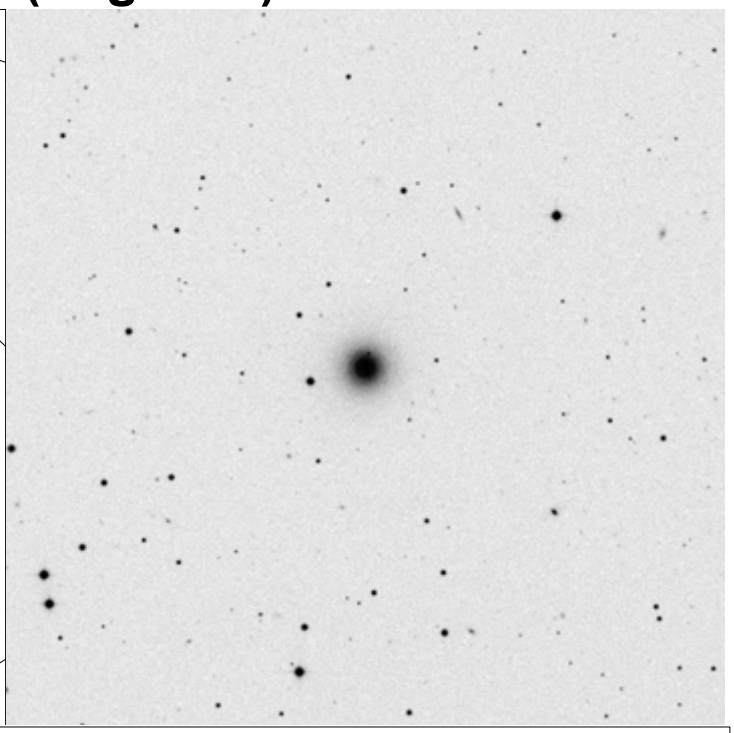


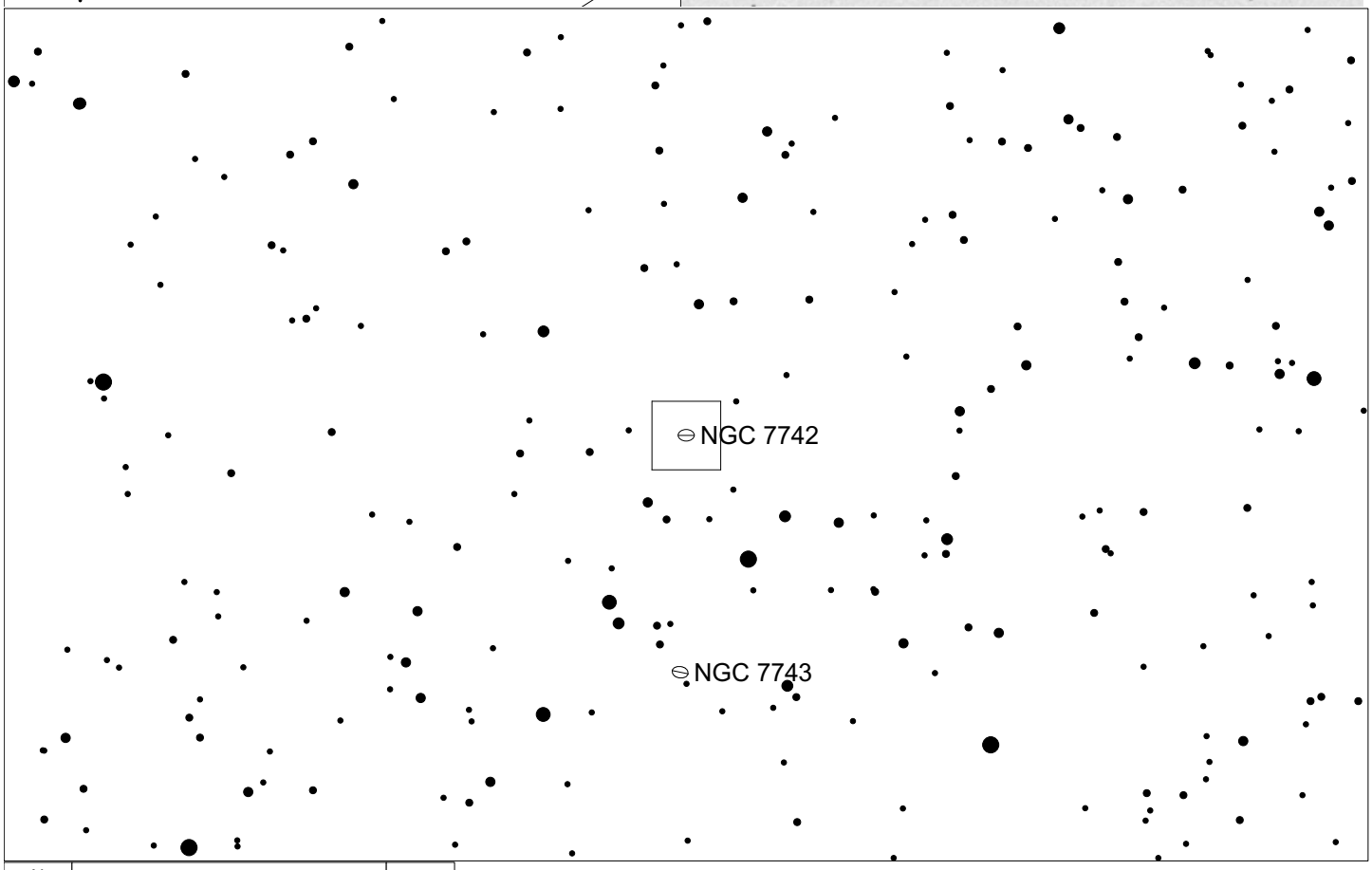


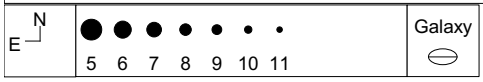
Herschel	RA	Dec	Mag	Size	Type
H II 439	23 20 14.5	+08 12 22	11.0v	2.5 x 2.3’	G E
H III 435	23 20 30.0	+08 23 45	13.9b	2.1 x 1.4’	G SA0°:
H II 440	23 20 42.3	+08 13 02	11.1v	2.2 x 2.0’	G E pec:

NGC 7742 (Pegasus)



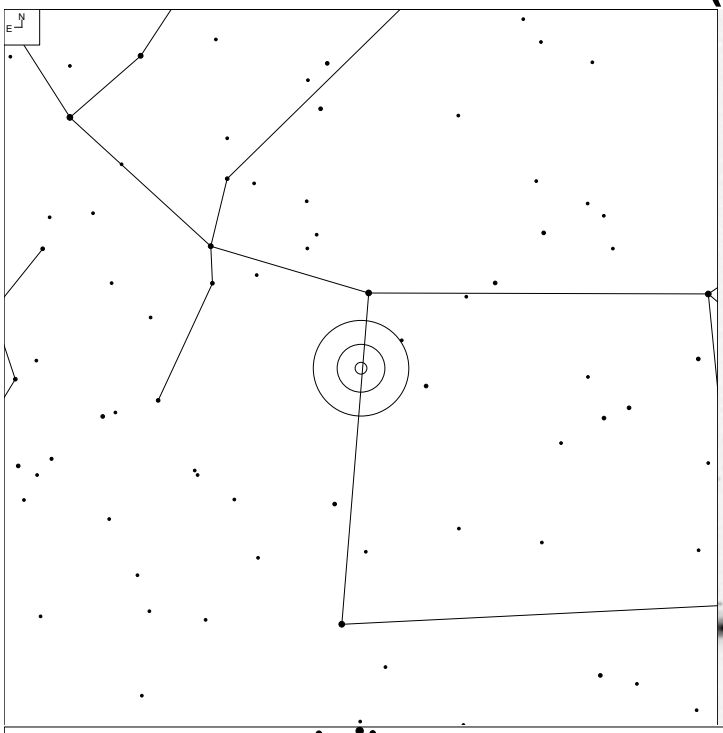


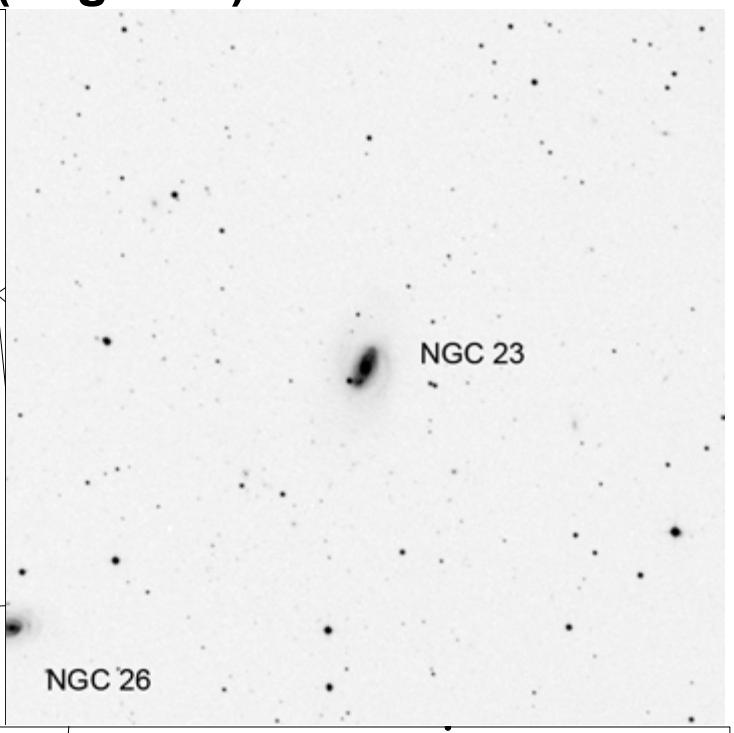


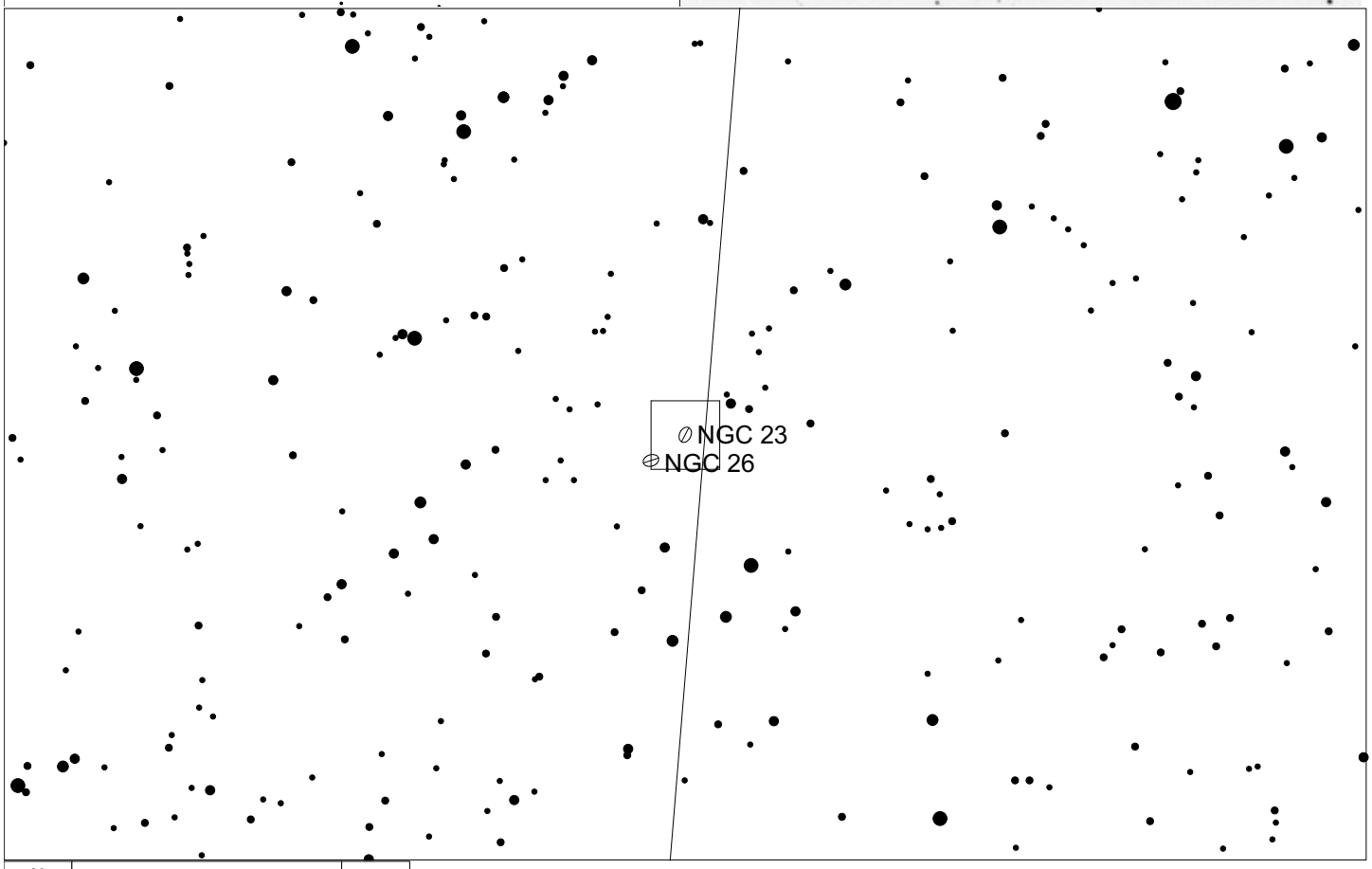


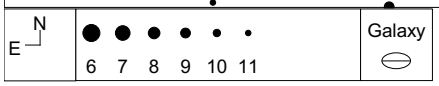
Herschel	RA	Dec	Mag	Size	Type
H II 255	23 44 15.7	+10 46 01	12.4b	1.7 x 1.7’	G SA(r)b

NGC 23 (Pegasus)



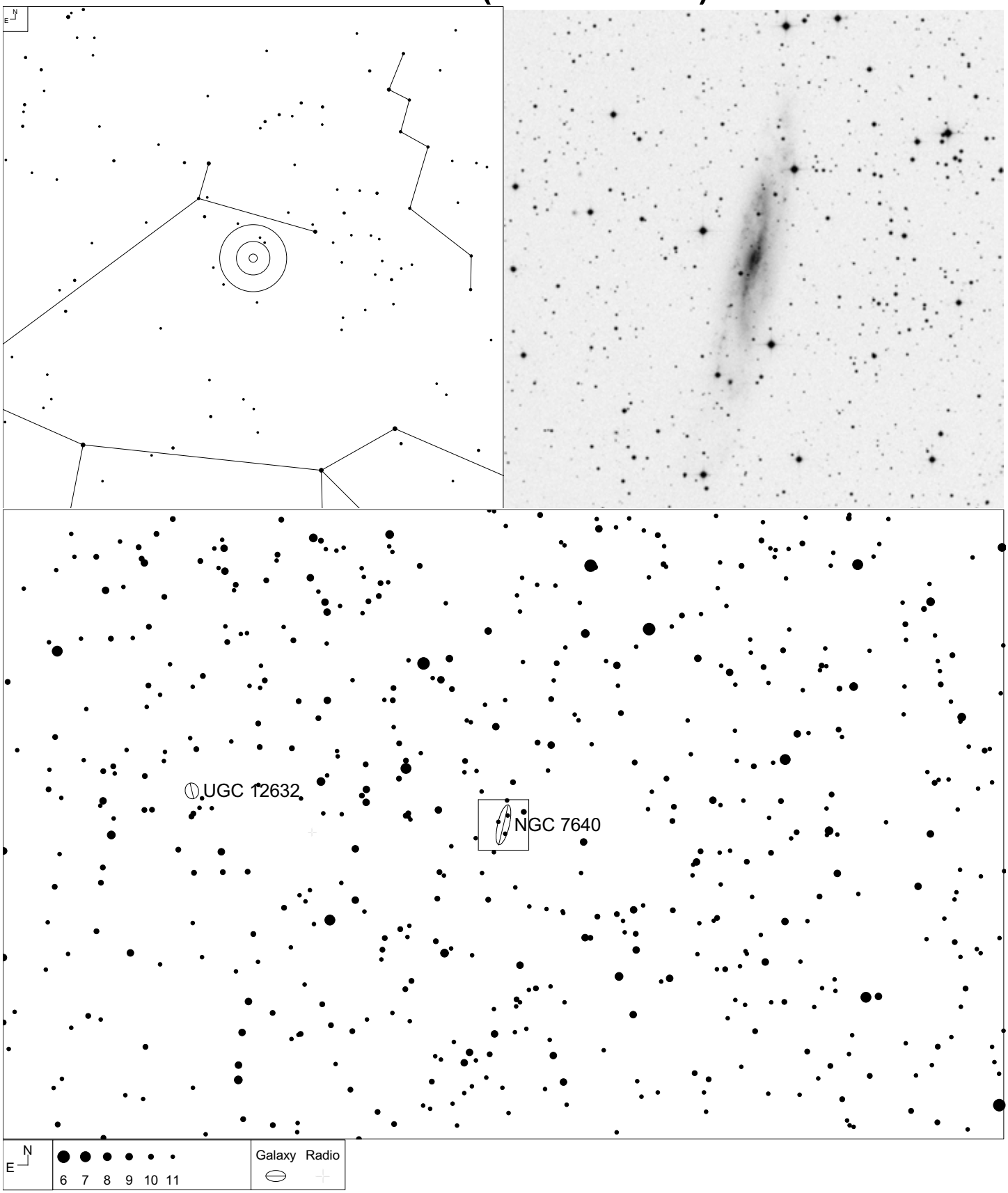






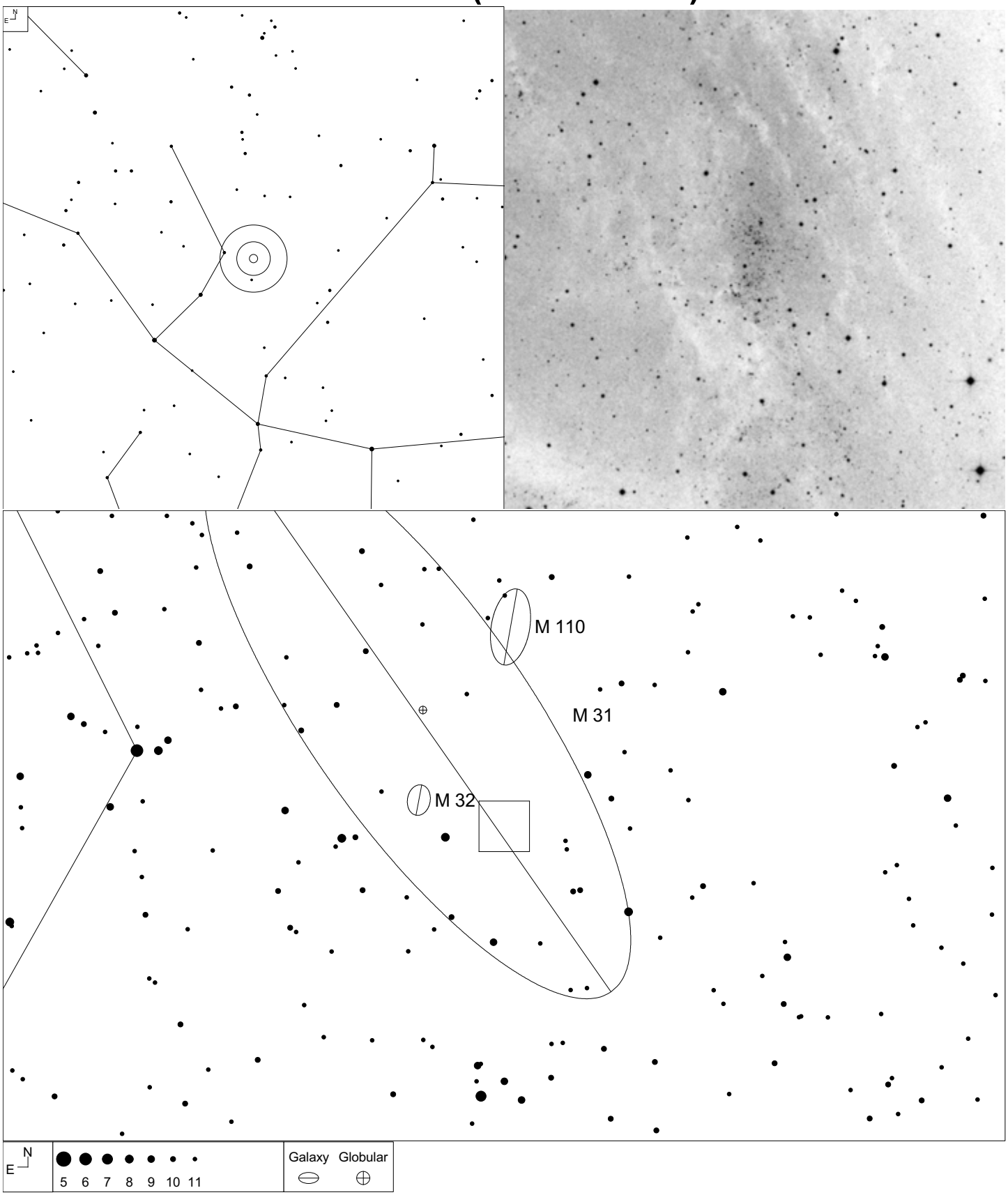
Herschel	RA	Dec	Mag	Size	Type
H III 147	00 09 53.3	+25 55 26	12.9b	2.1 x 1.3’	G SB(s)a

NGC 7640 (Andromeda)



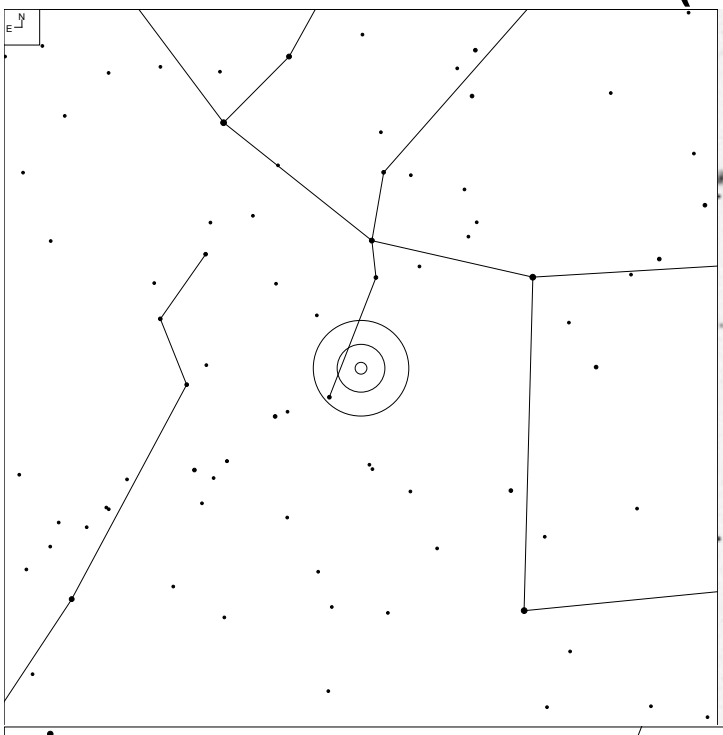
Herschel	RA	Dec	Mag	Size	Type
H II 600	23 22 06.6	+40 50 44	11.9b	11.6 x 1.9’	G SB(s)c

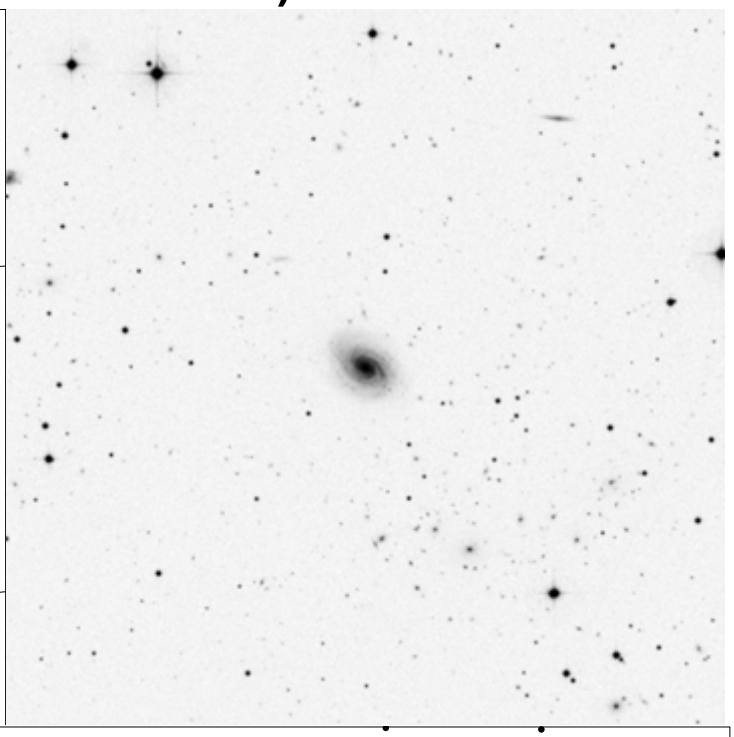
NGC 206 (Andromeda)

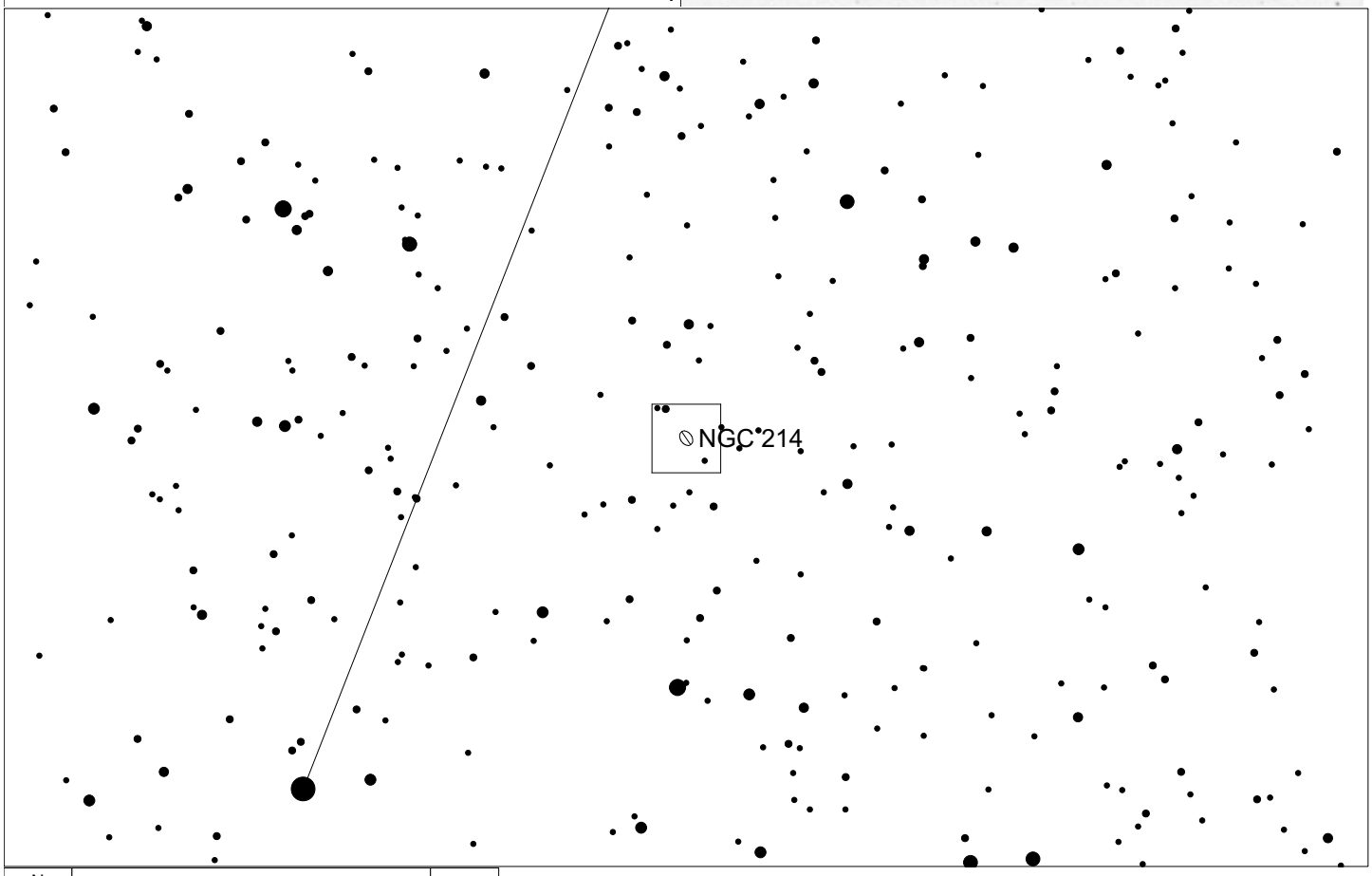


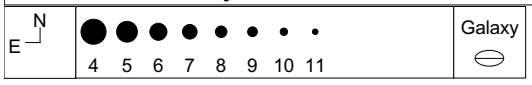
Herschel	RA	Dec	Mag	Size	Type
H V 36	00 40 31.3	+40 44 22	-	4.0 x 2.5’	KNT

NGC 214 (Andromeda)



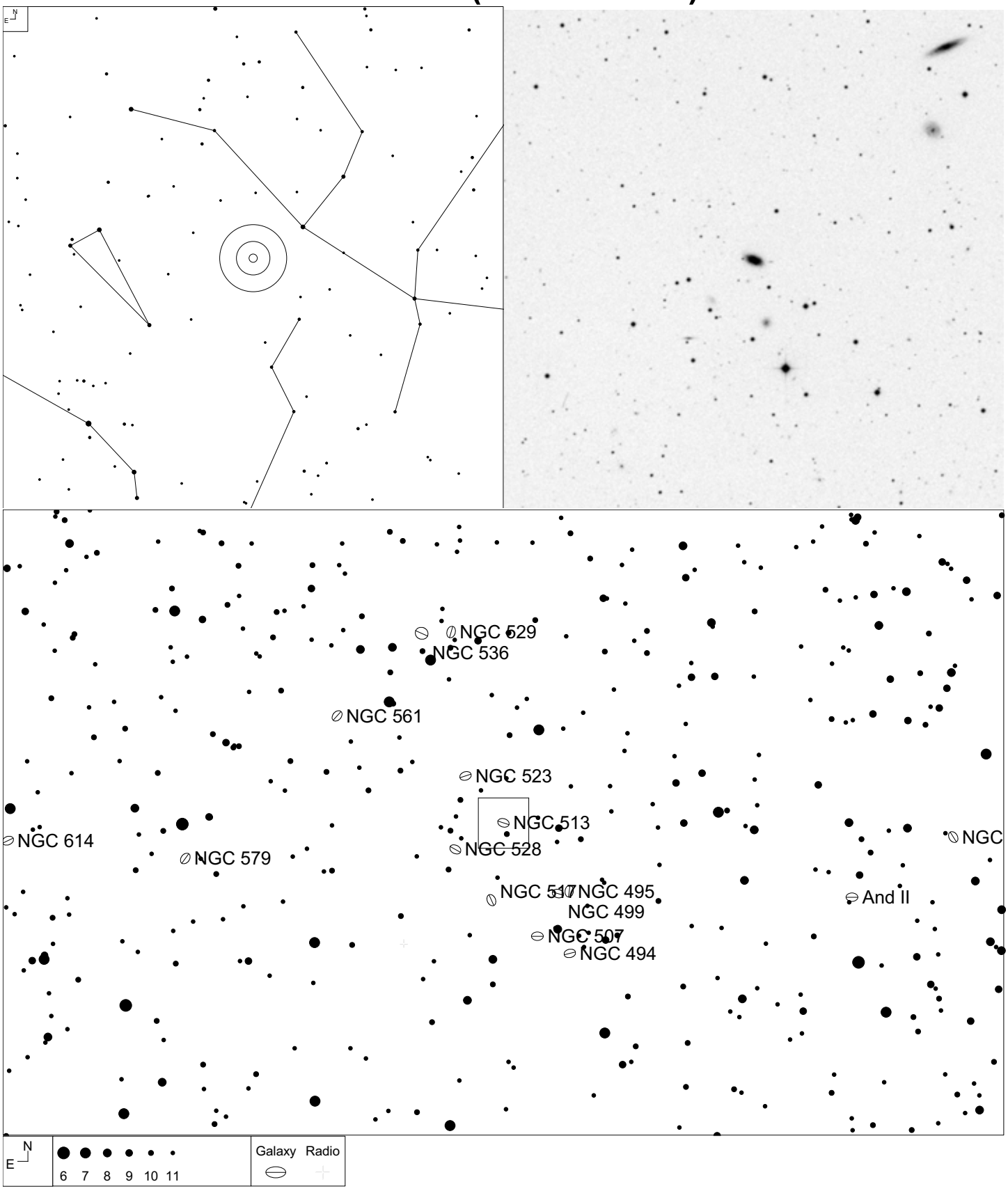






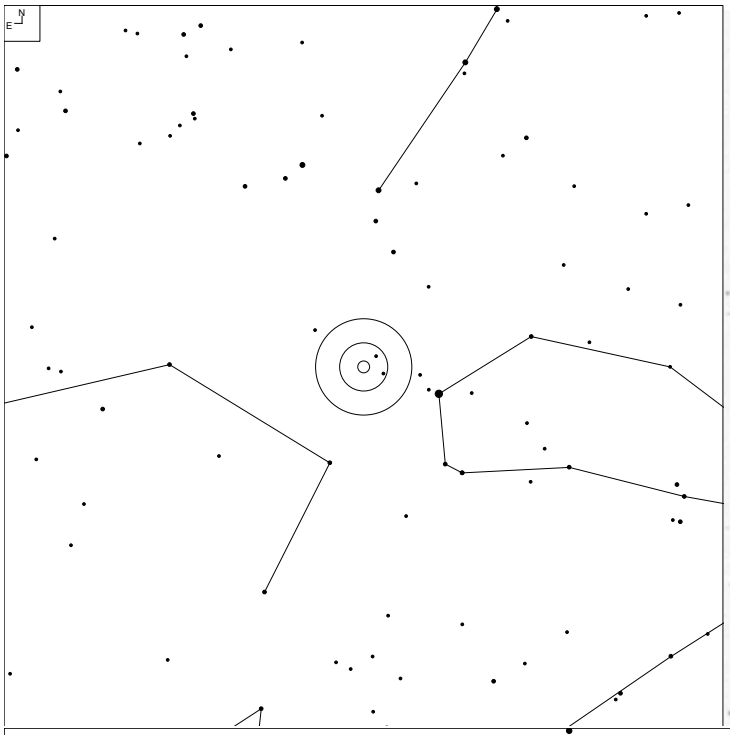
Herschel	RA	Dec	Mag	Size	Type
H II 209	00 41 28.0	+25 29 58	13.0b	1.8 x 1.3’	G SAB(r)c

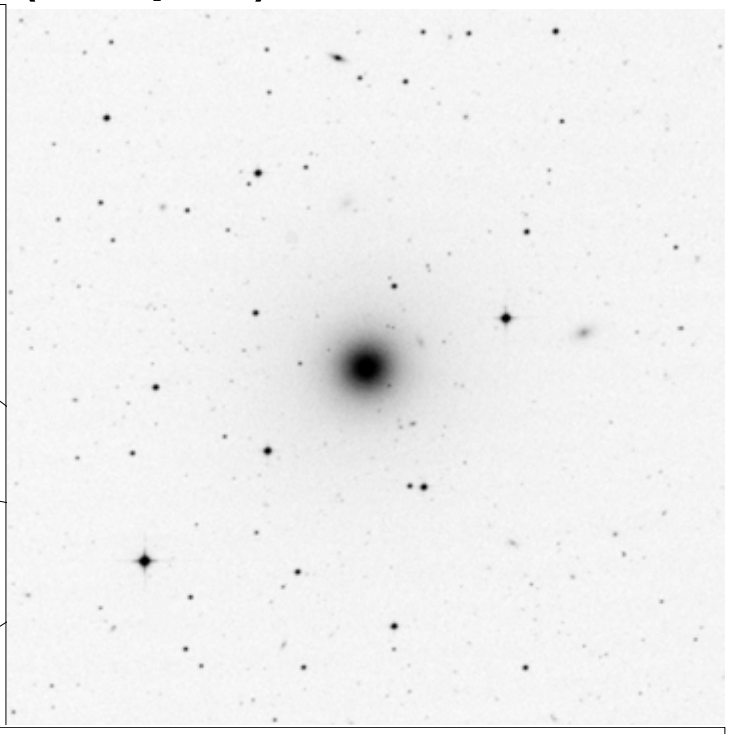
NGC 513 (Andromeda)

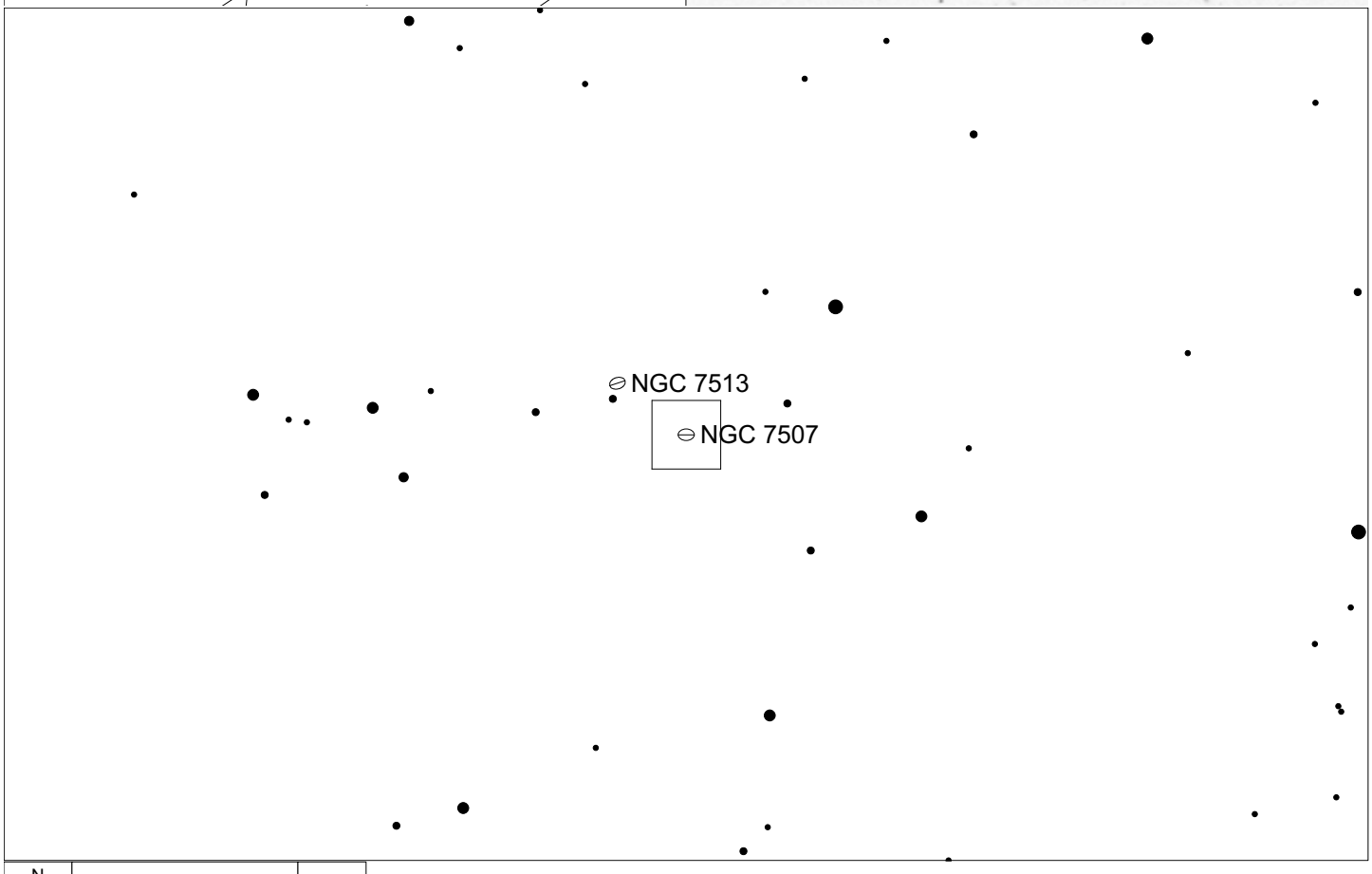


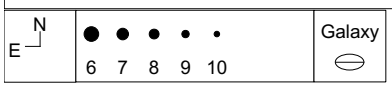
Herschel	RA	Dec	Mag	Size	Type
H III 169	01 24 26.8	+33 47 59	13.9p	0.9 x 0.6’	G Sb/c

NGC 7507 (Sculptor)



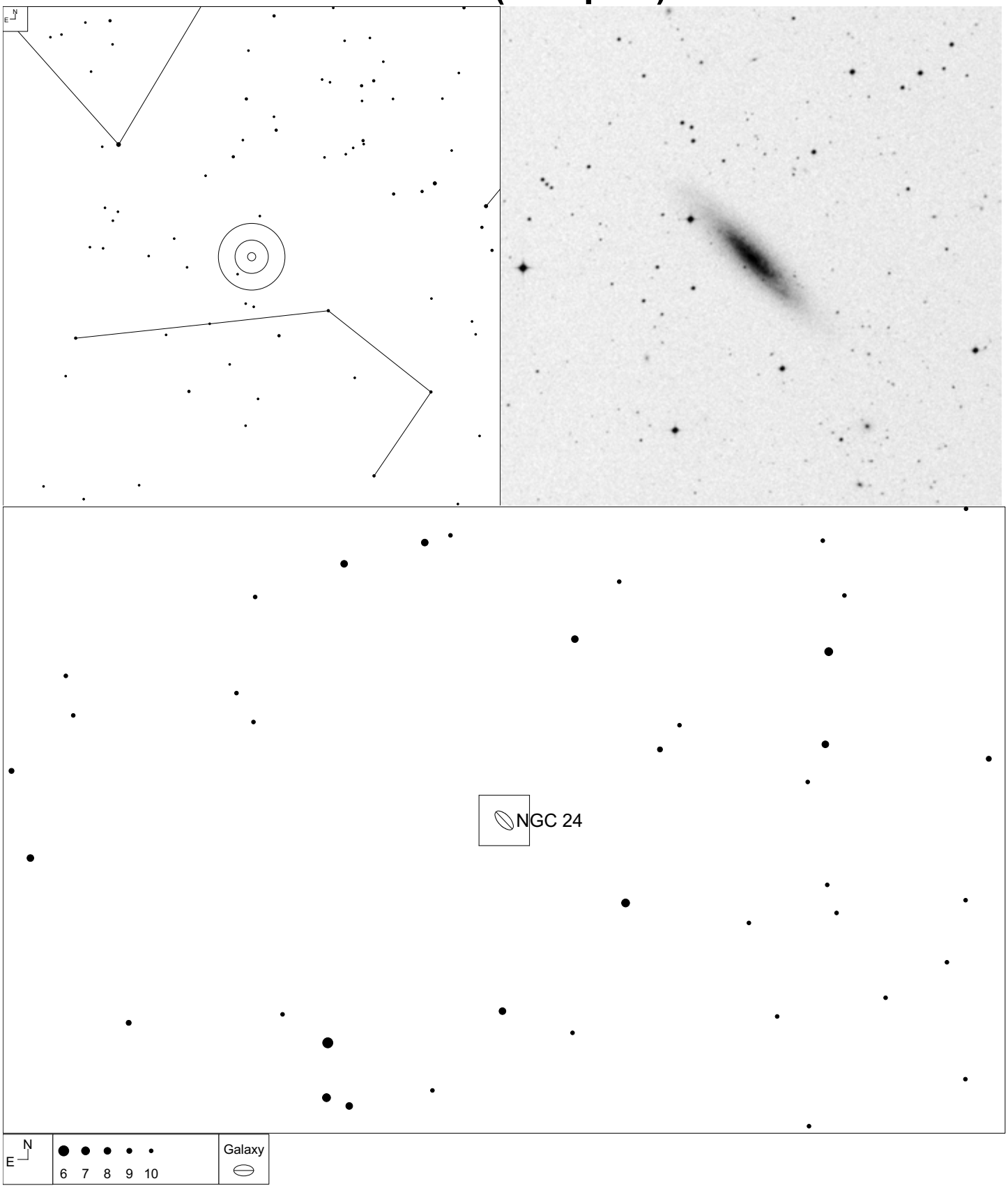






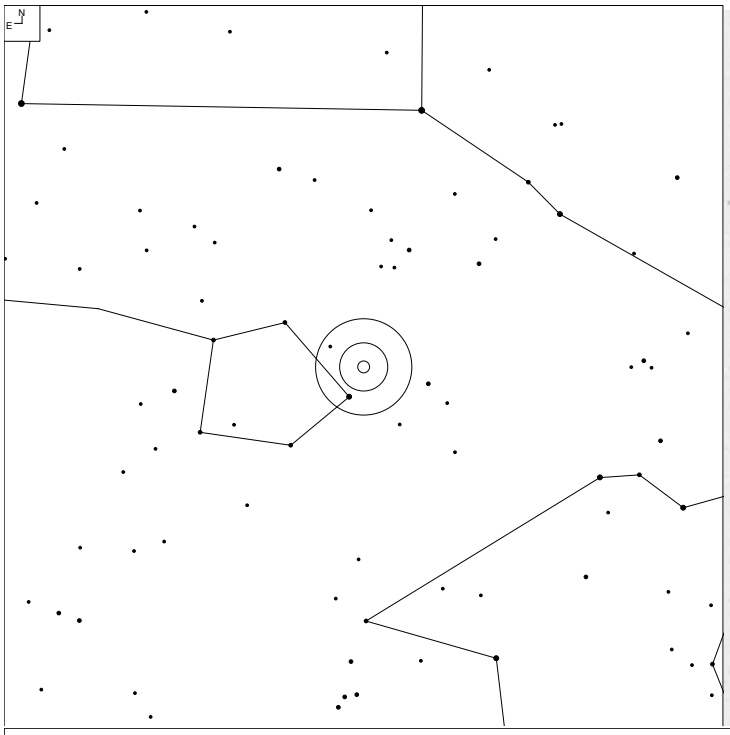
Herschel	RA	Dec	Mag	Size	Type
H II 2	23 12 07.6	-28 32 26	11.4b	2.7 x 2.6’	G E0

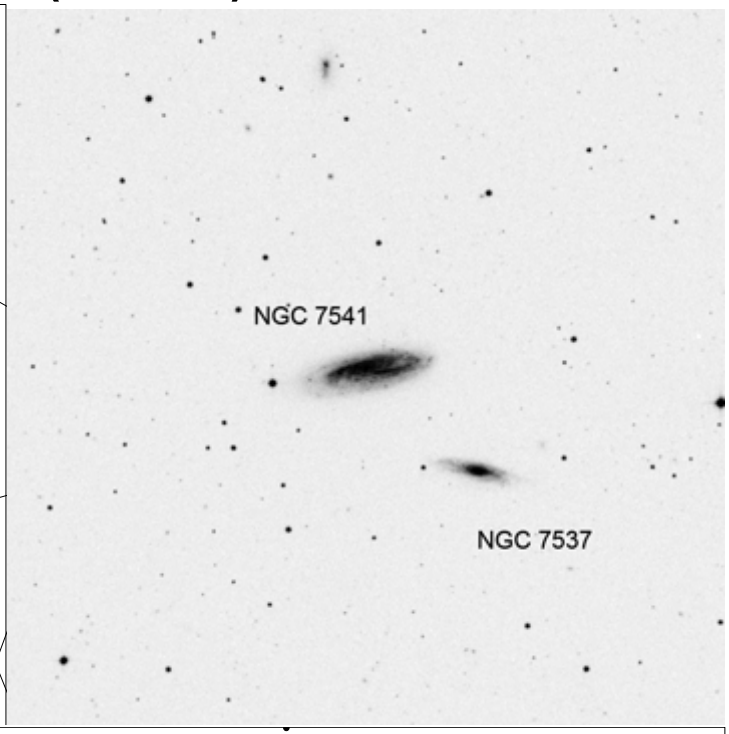
NGC 24 (Sculptor)

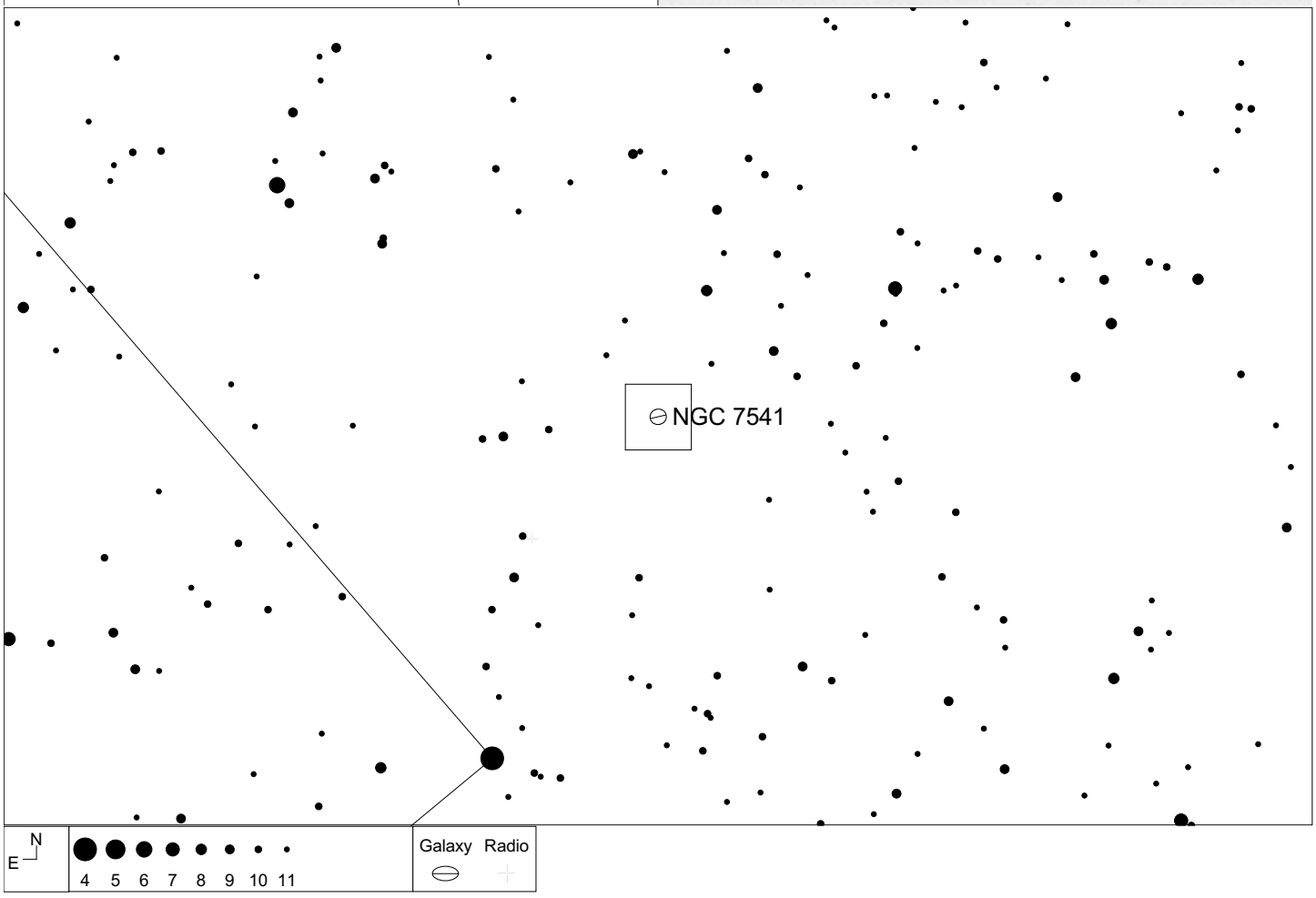


Herschel	RA	Dec	Mag	Size	Type
H III 461	00 09 56.4	-24 57 49	12.2b	6.7 x 1.6’	G SA(s)c

NGC 7541 (Pisces)

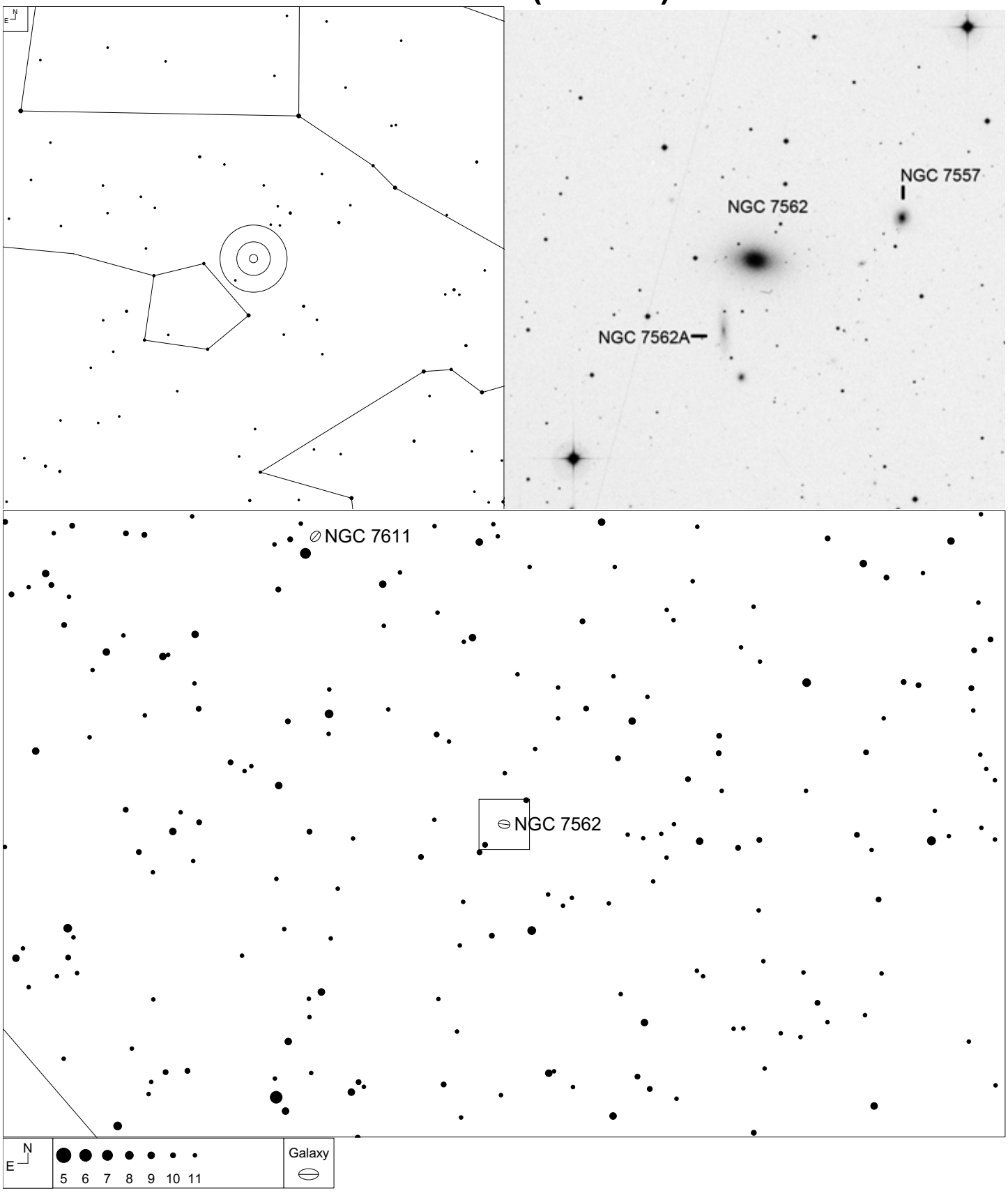






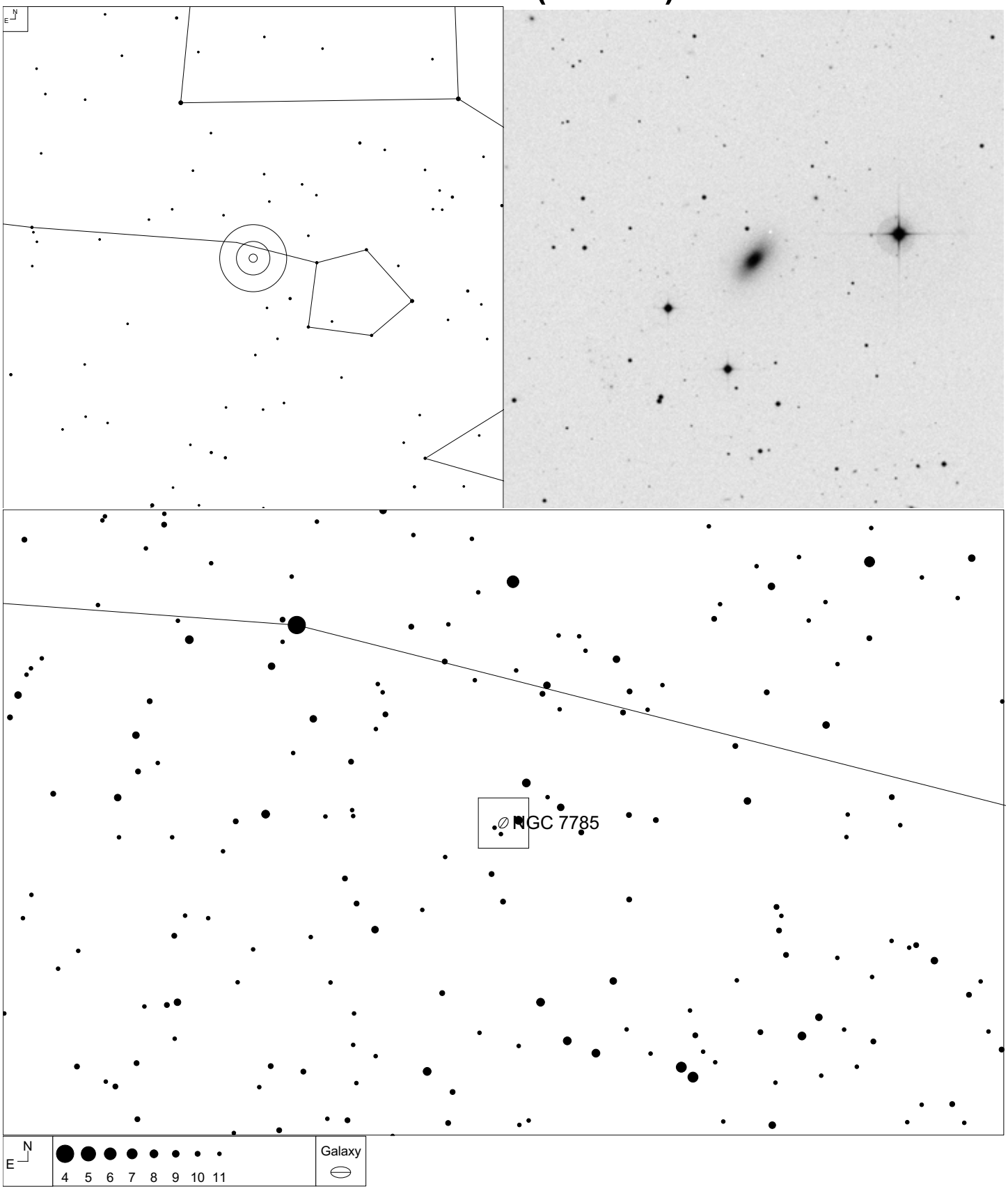
Herschel	RA	Dec	Mag	Size	Type
H II 430	23 14 43.9	+04 32 04	12.4b	3.5 x 1.2’	G SB(rs)bc: pec

NGC 7562 (Pisces)



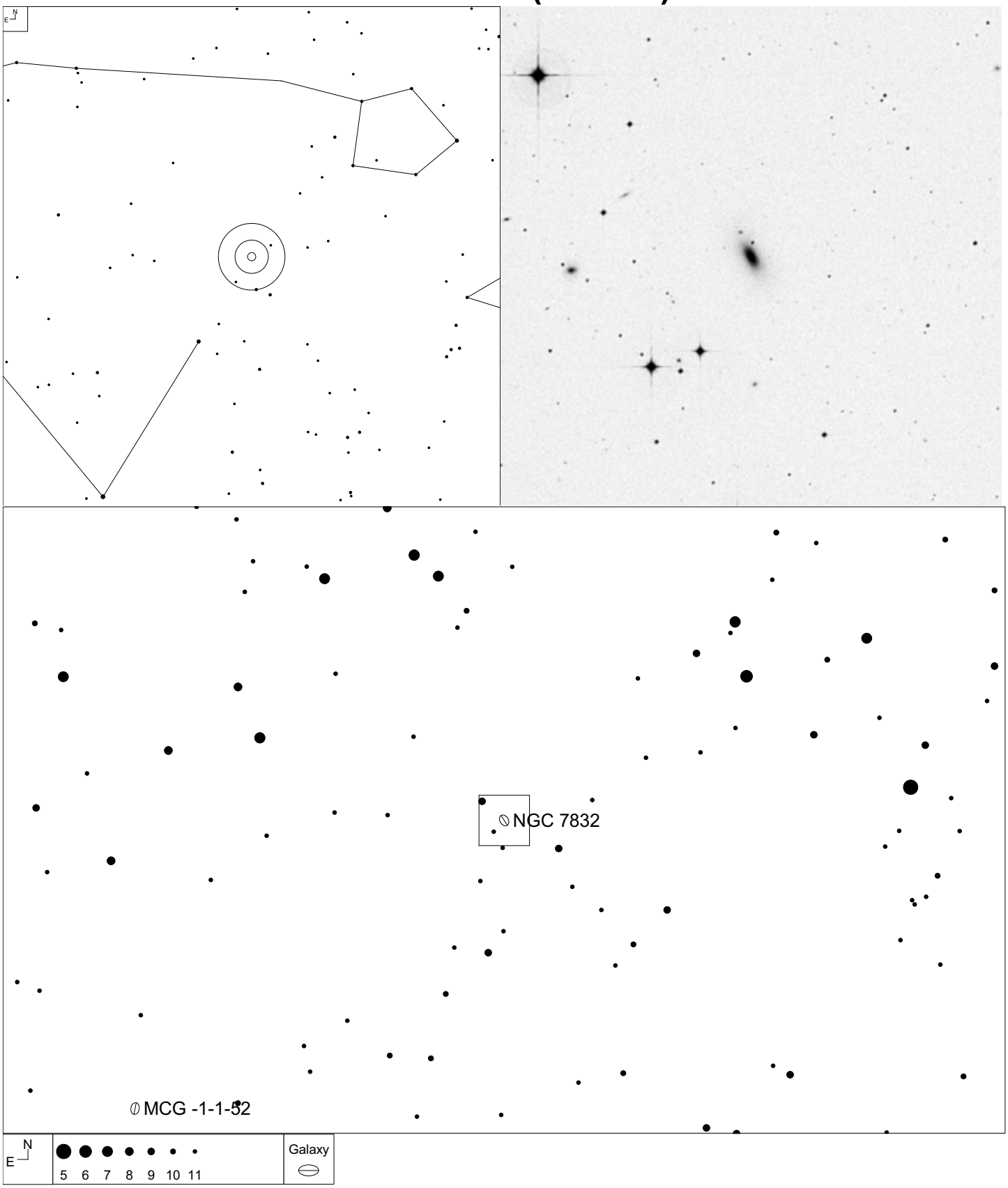
Herschel	RA	Dec	Mag	Size	Type
H II 467	23 15 57.5	+06 41 15	12.6b	2.2 x 1.4’	G E2-3

NGC 7785 (Pisces)



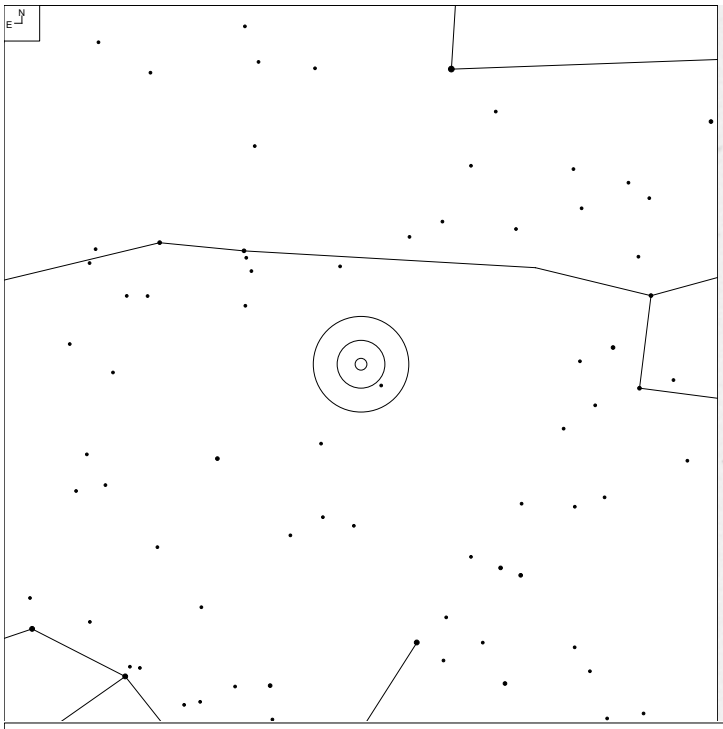
Herschel	RA	Dec	Mag	Size	Type
H II 468	23 55 19.0	+05 54 57	12.6b	2.4 x 1.3’	G E5-6

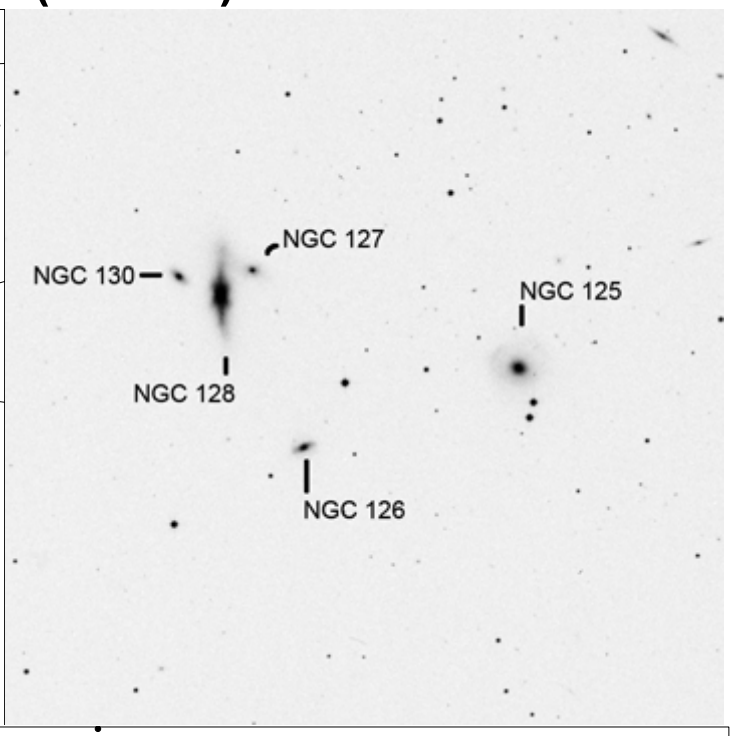
NGC 7832 (Pisces)

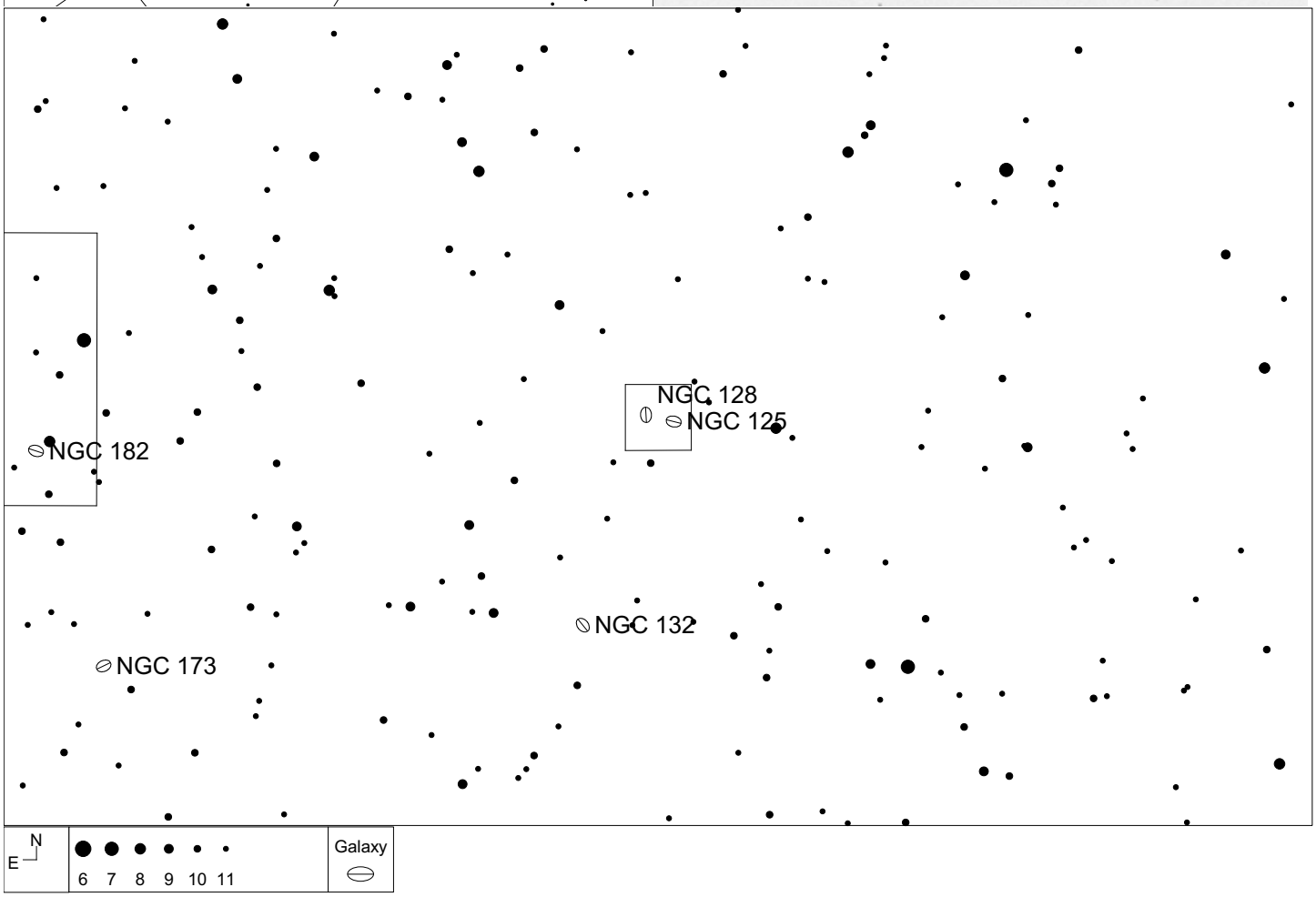


Herschel	RA	Dec	Mag	Size	Type
H III 190	00 06 28.5	-03 42 58	13.3	1.9 x 1.0’	G E+

NGC 125 (Pisces)

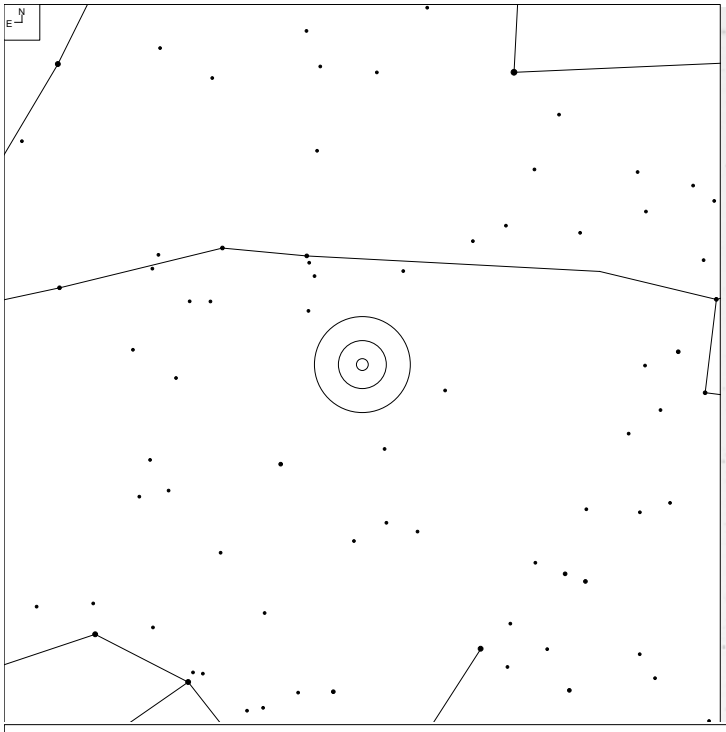


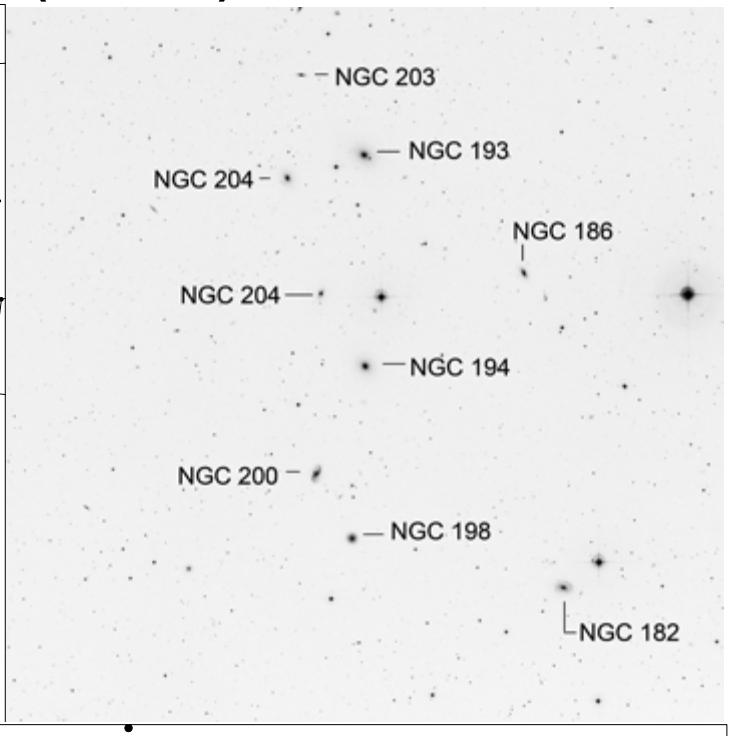


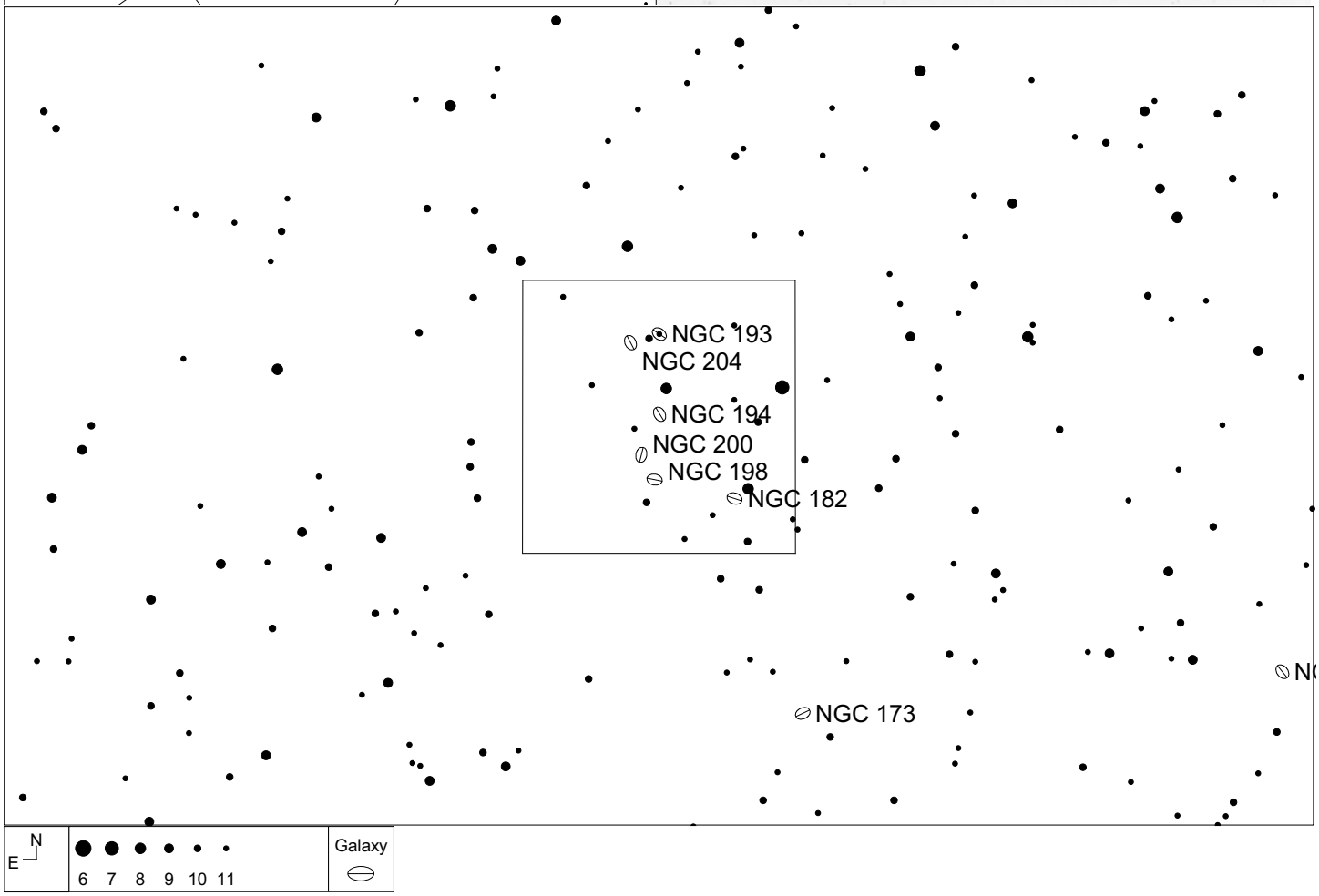


Herschel	RA	Dec	Mag	Size	Type
H III 869	00 28 50.3	+02 50 19	12.8b	2.7 x 0.8’	G (R)SA0+ pec:

NGC 198 (Pisces)

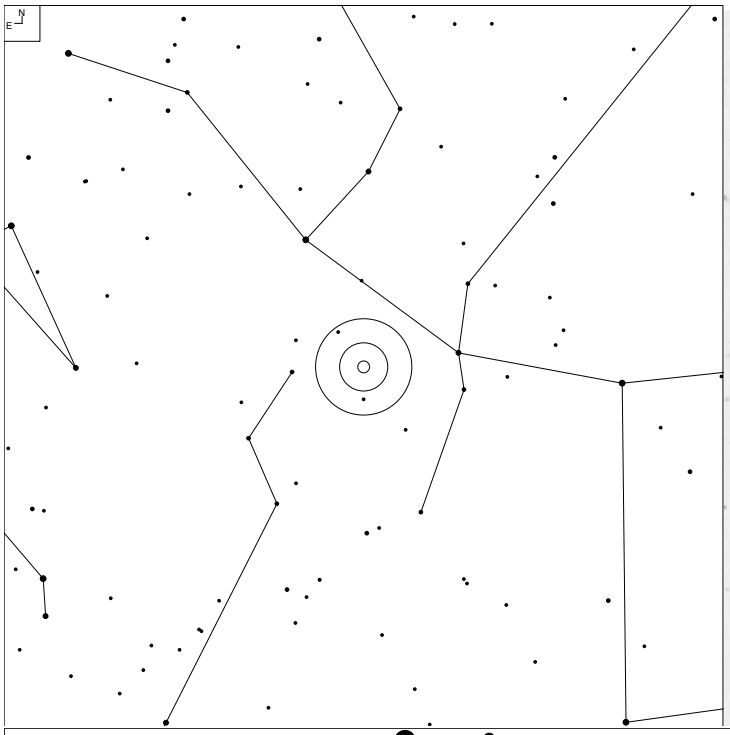


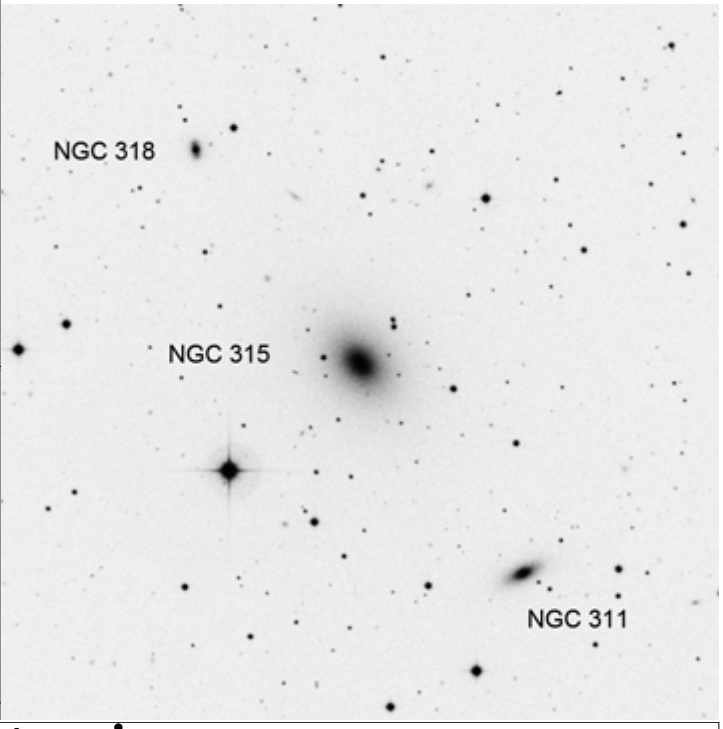


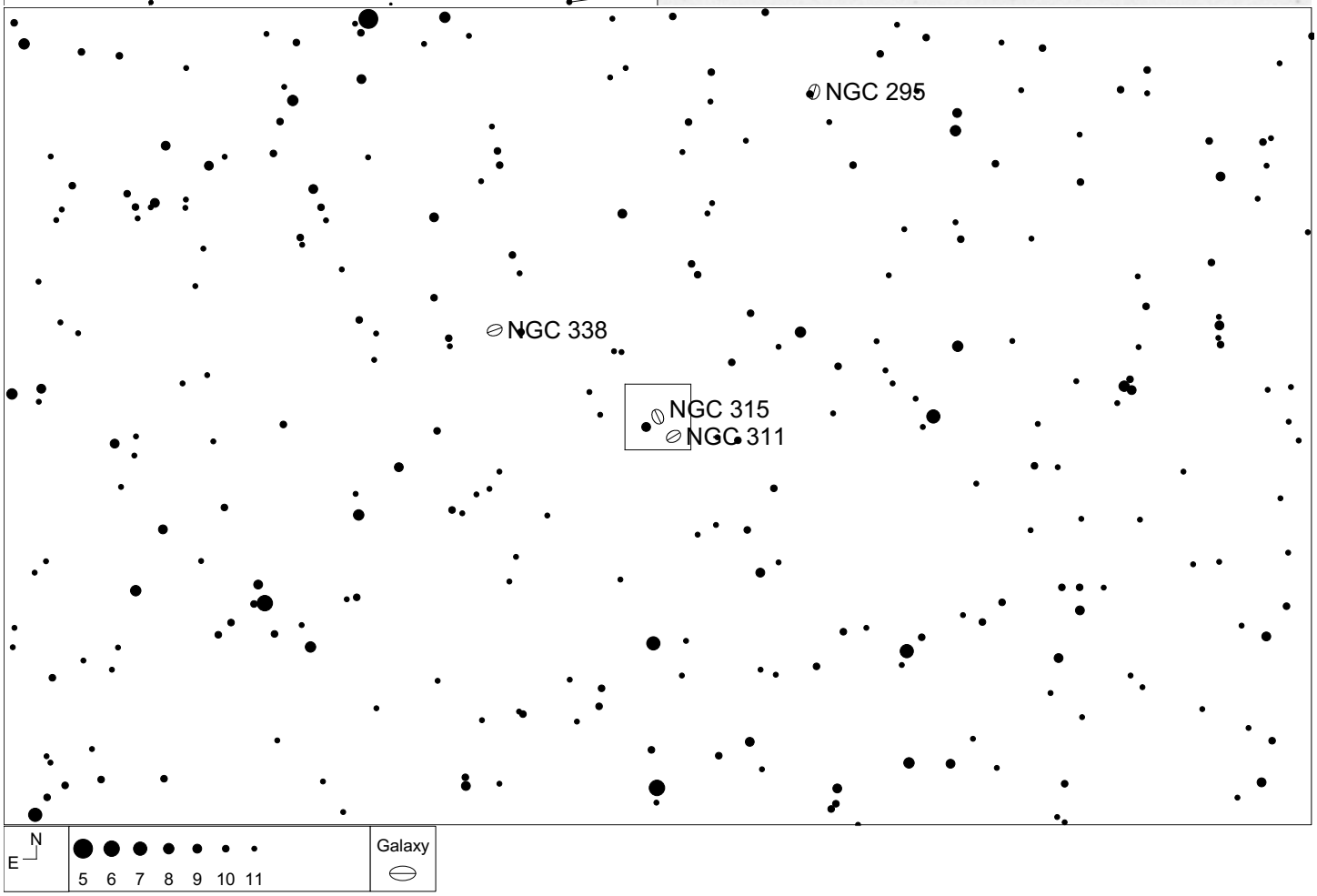


Herschel	RA	Dec	Mag	Size	Type
H II 857	00 39 22.9	+02 47 52	13.9p	1.2 x 1.1’	G SA(r)c

NGC 315 (Pisces)

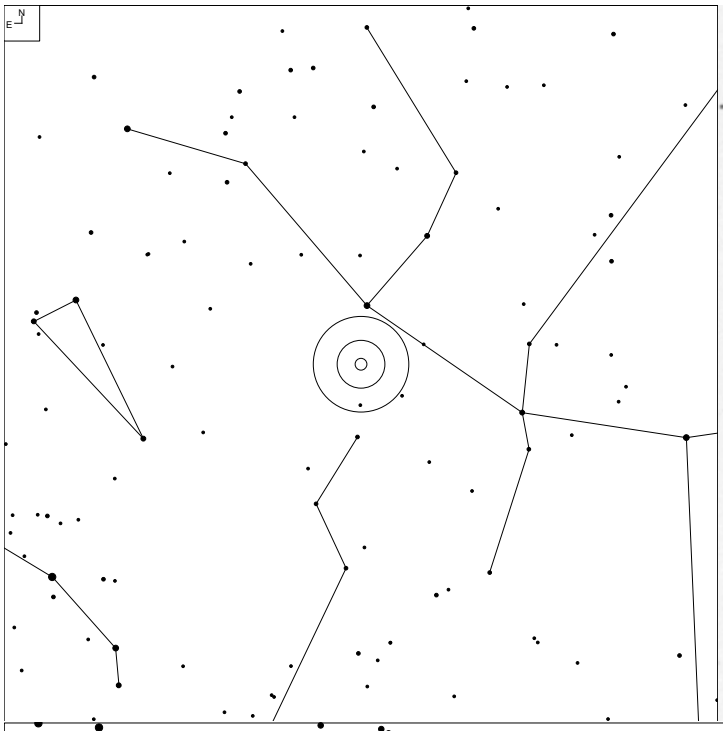


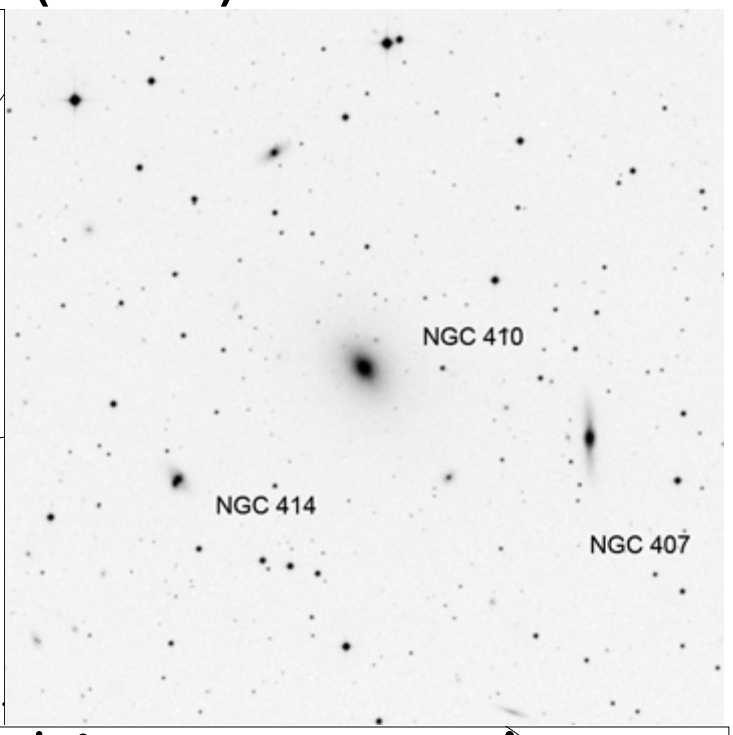


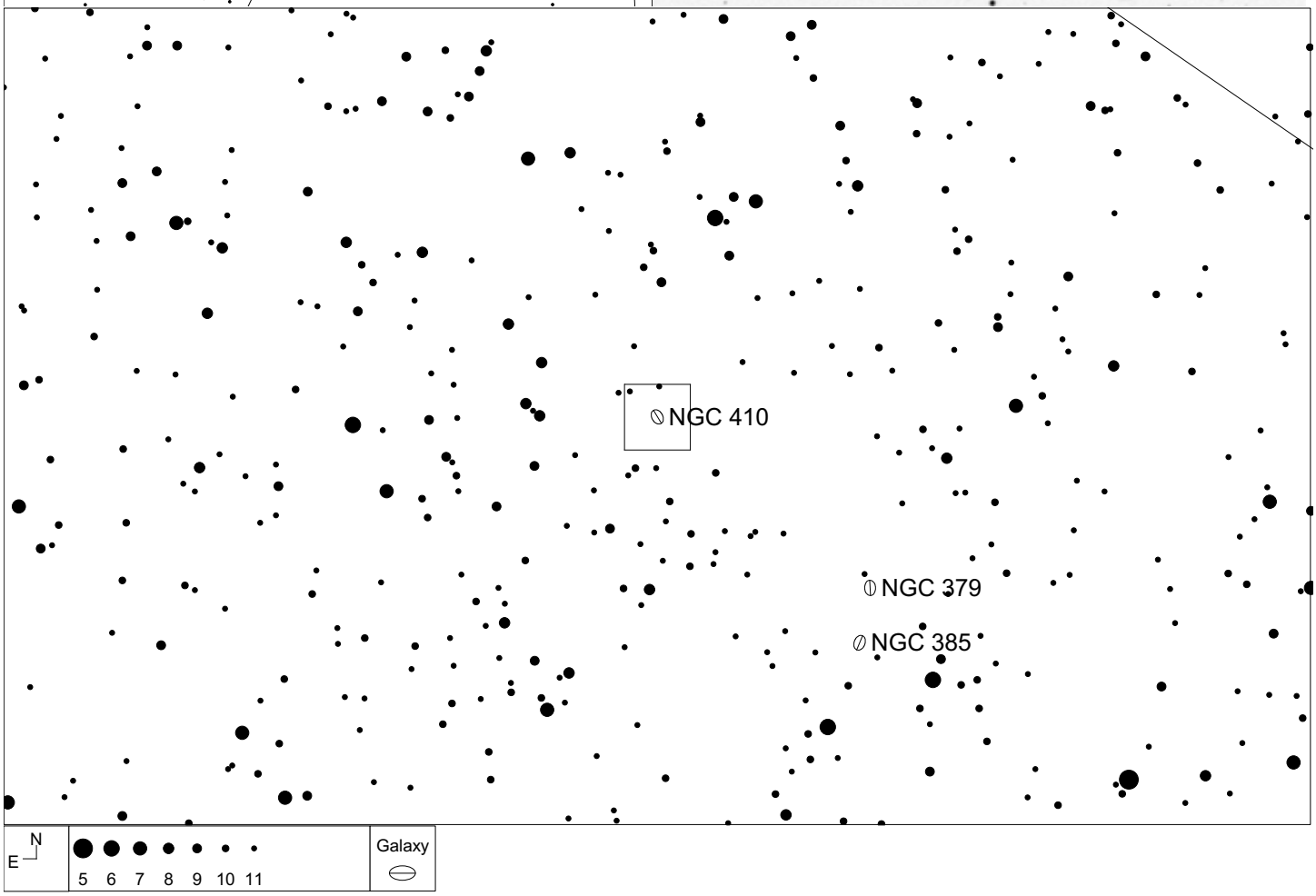


Herschel	RA	Dec	Mag	Size	Type
H II 210	00 57 48.8	+30 21 09	12.2b	3.2 x 2.2’	G E+:

NGC 410 (Pisces)

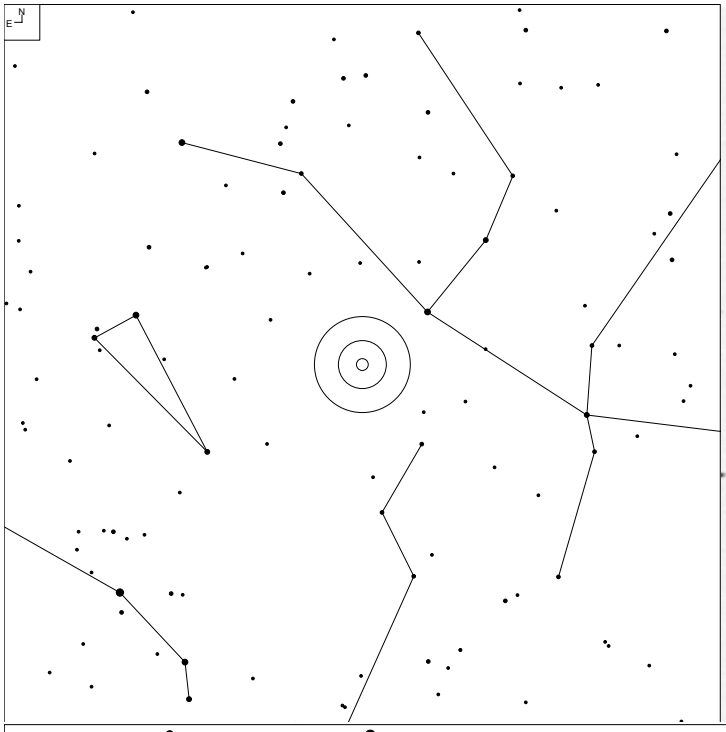


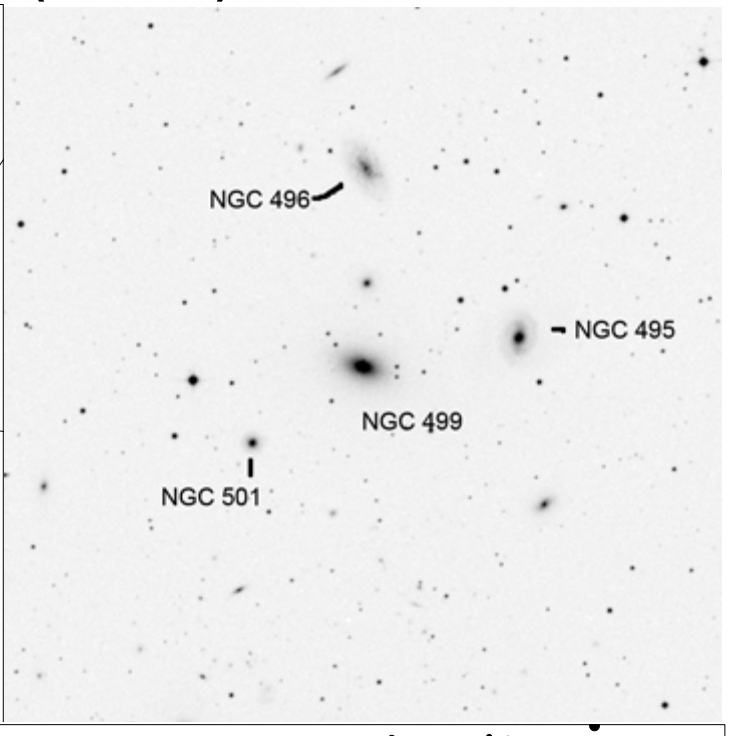


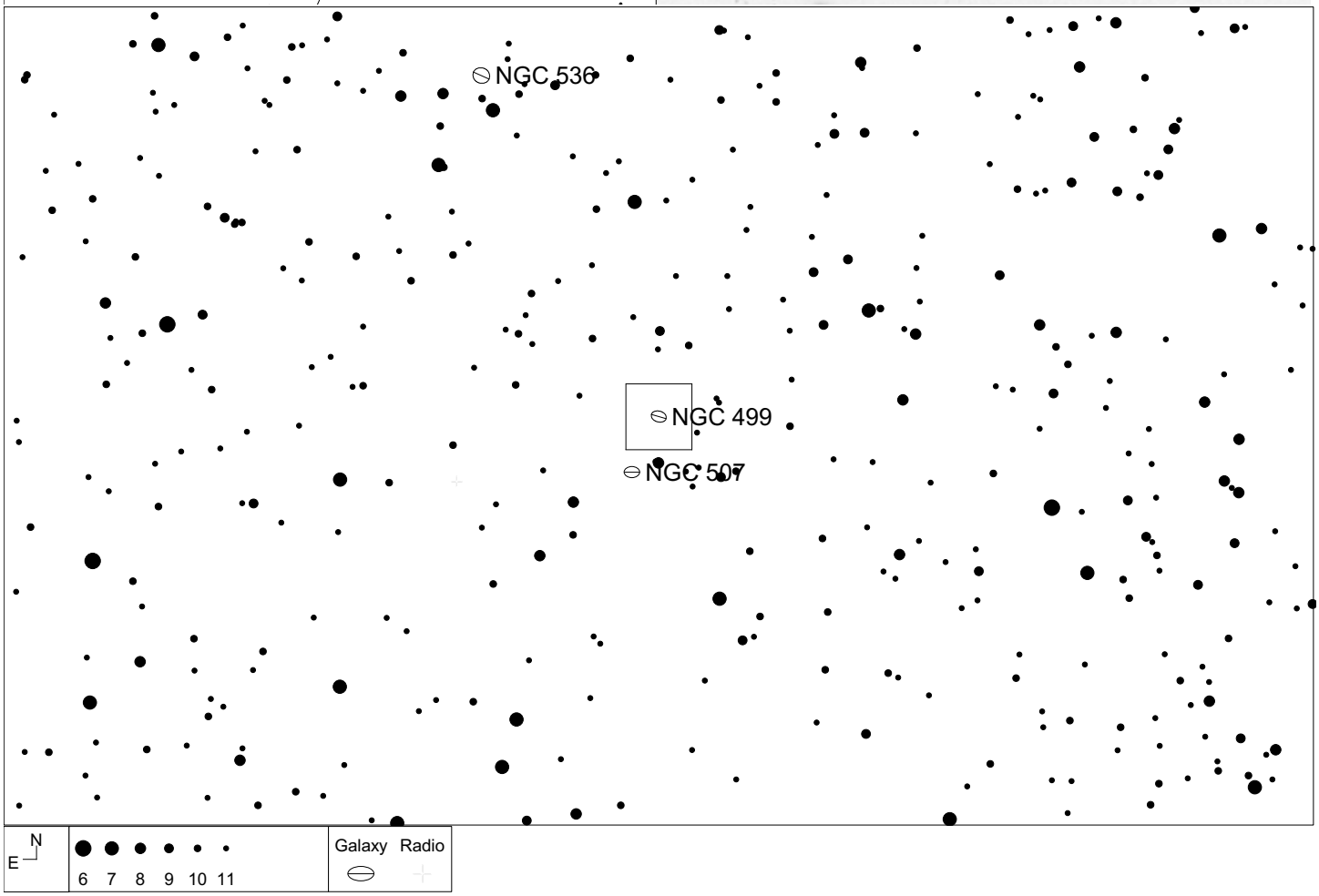


Herschel	RA	Dec	Mag	Size	Type
H II 220	01 10 58.9	+33 09 07	12.5b	2.4 x 1.7’	G E+:

NGC 499 (Pisces)

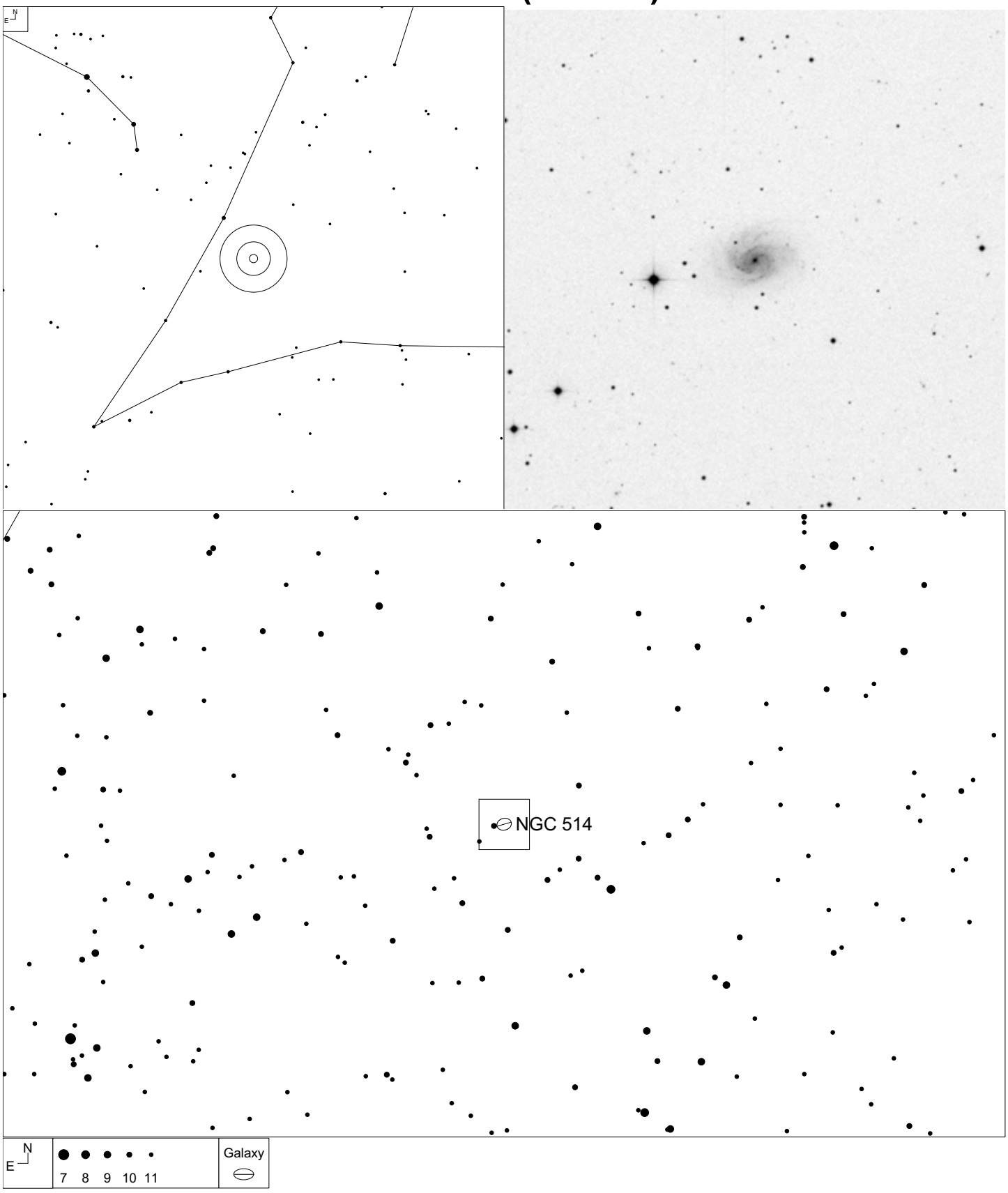






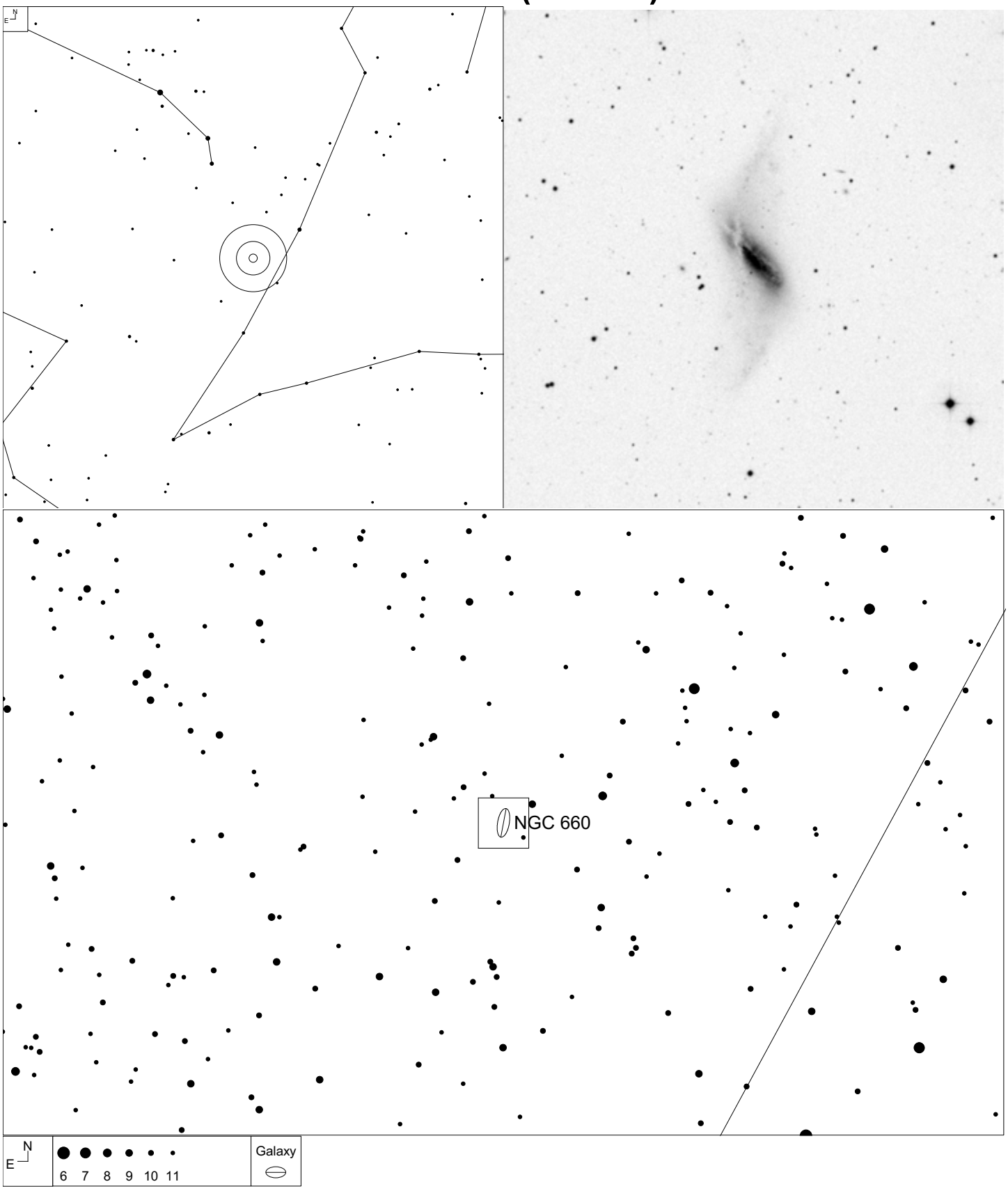
Herschel	RA	Dec	Mag	Size	Type
H III 158	01 23 11.5	+33 27 37	12.1v	1.8 x 1.2’	G S0-

NGC 514 (Pisces)



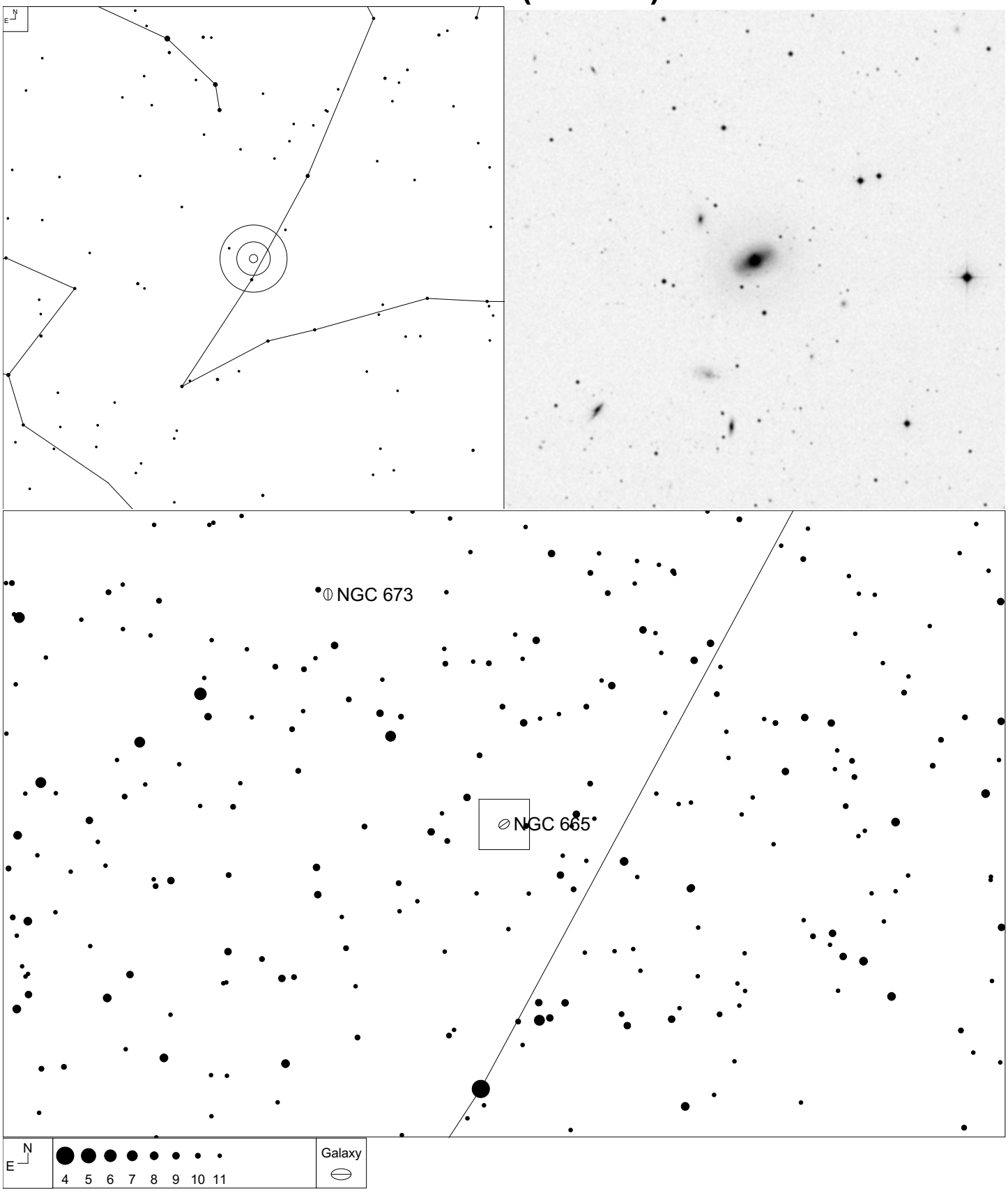
Herschel	RA	Dec	Mag	Size	Type
H II 252	01 24 03.9	+12 55 03	12.2b	4.2 x 2.7’	G SAB(rs)c

NGC 660 (Pisces)



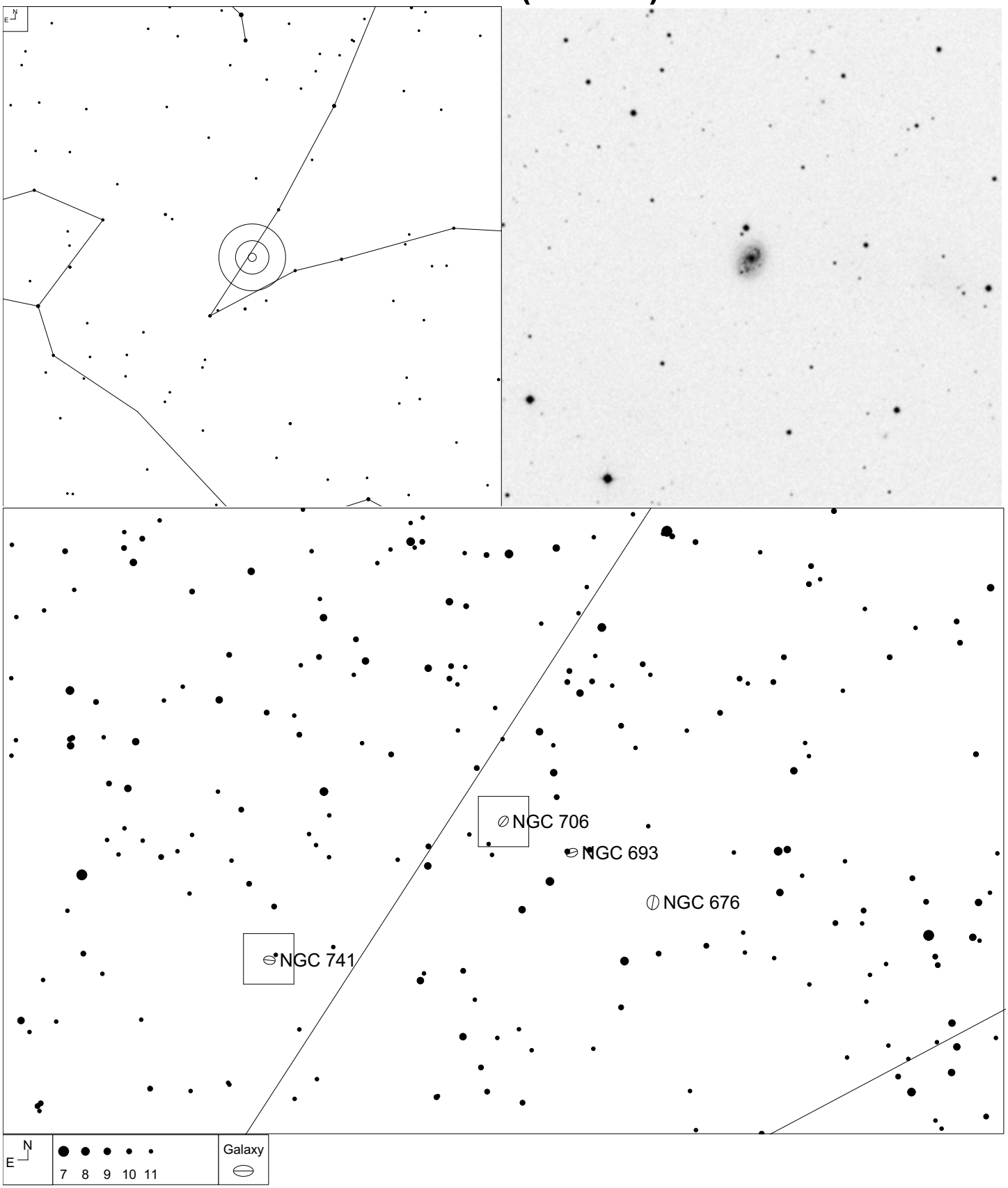
Herschel	RA	Dec	Mag	Size	Type
H II 253	01 43 01.7	+13 38 35	12.0b	8.3 x 3.1’	G SB(s)a pec

NGC 665 (Pisces)



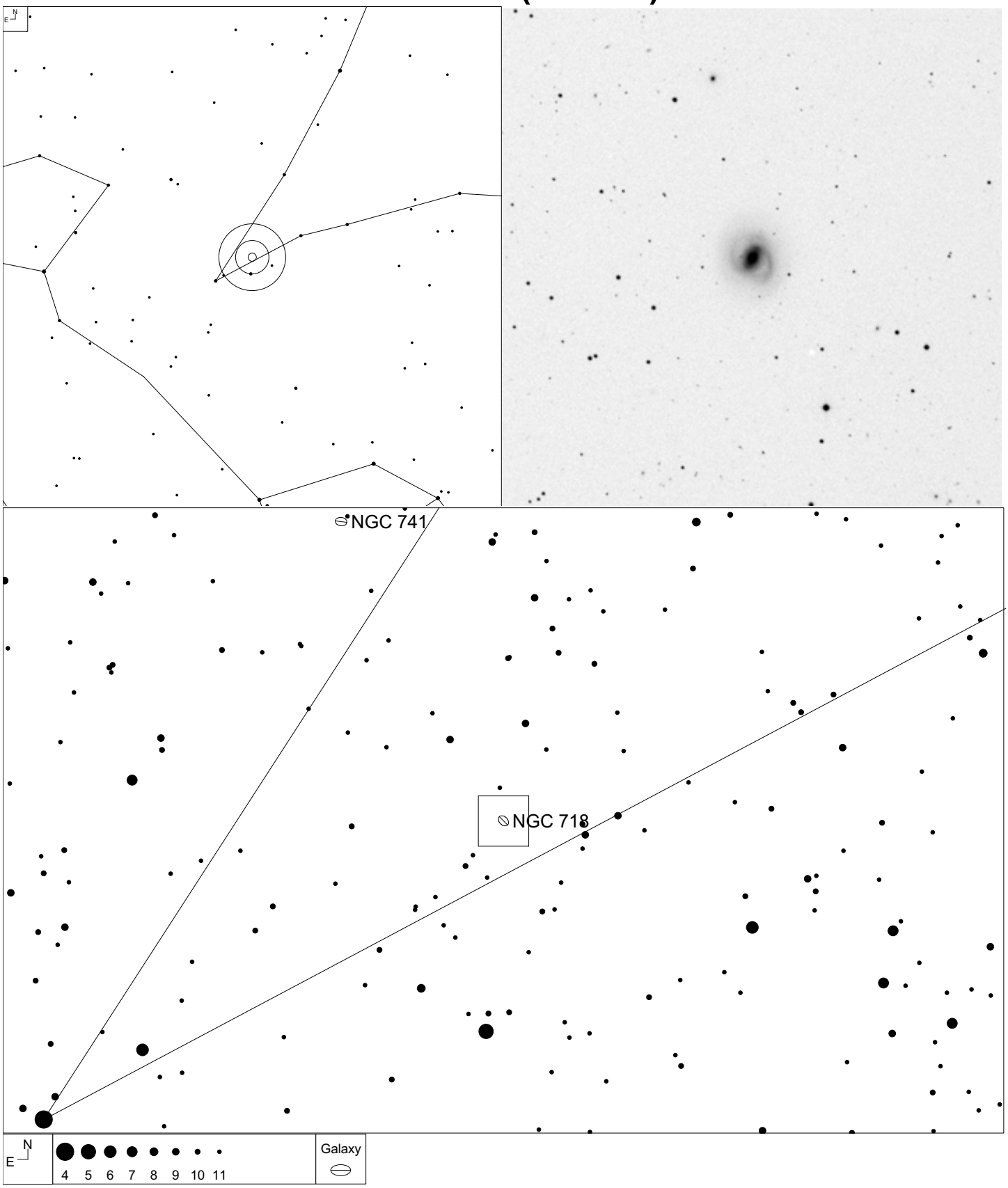
Herschel	RA	Dec	Mag	Size	Type
H II 588	01 44 56.1	+10 25 22	13.2b	2.4 x 1.6’	G (R)S0°?

NGC 706 (Pisces)



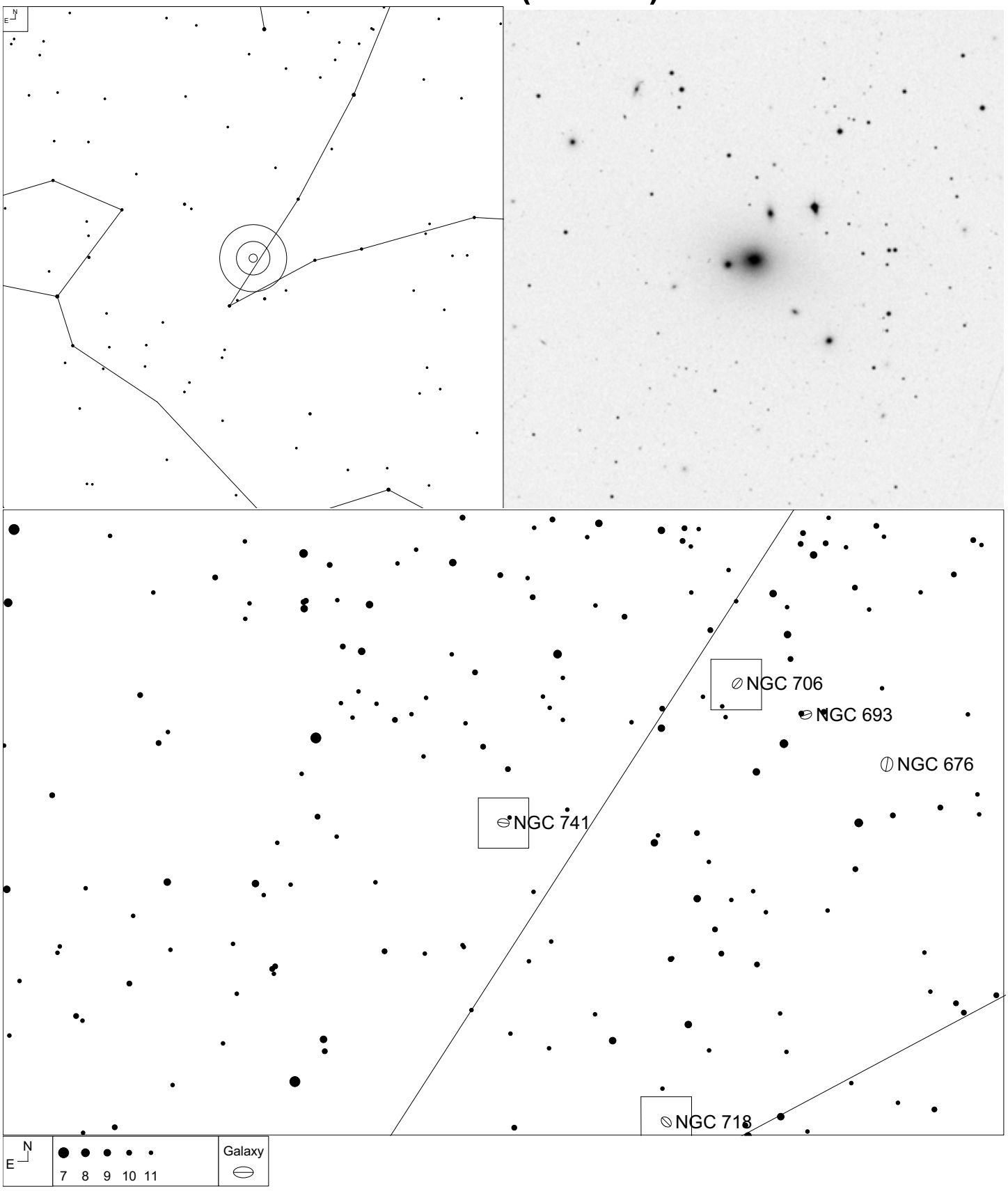
Herschel	RA	Dec	Mag	Size	Type
H II 596	01 51 50.5	+06 17 48	13.2b	1.8 x 1.3’	G Sbc?

NGC 718 (Pisces)



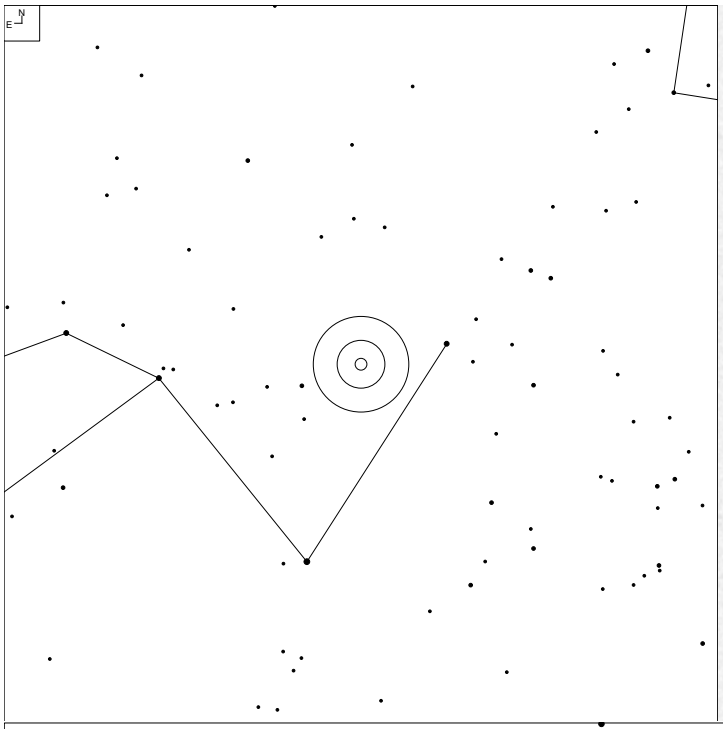
Herschel	RA	Dec	Mag	Size	Type
H II 270	01 53 13.2	+04 11 45	12.6b	2.3 x 2.0’	G SAB(s)a

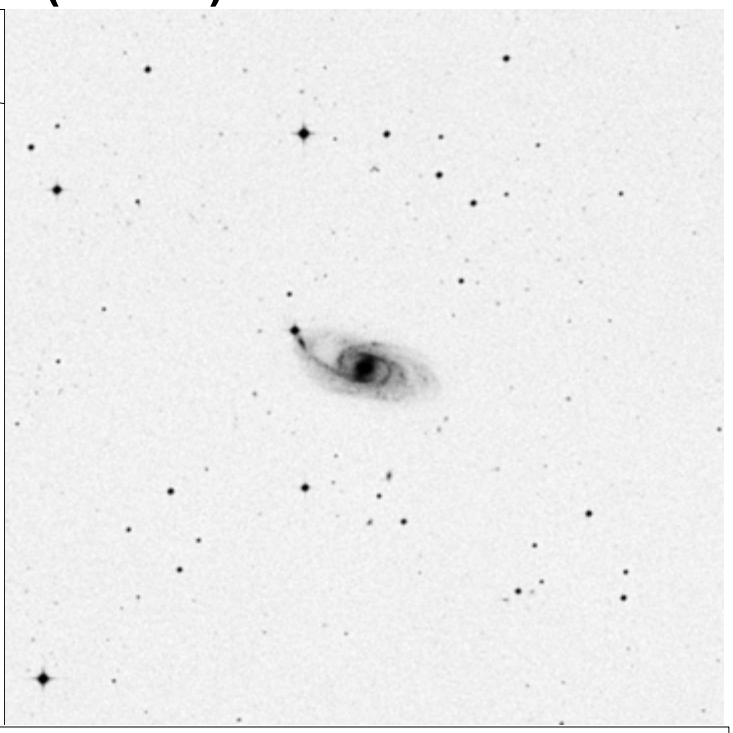
NGC 741 (Pisces)

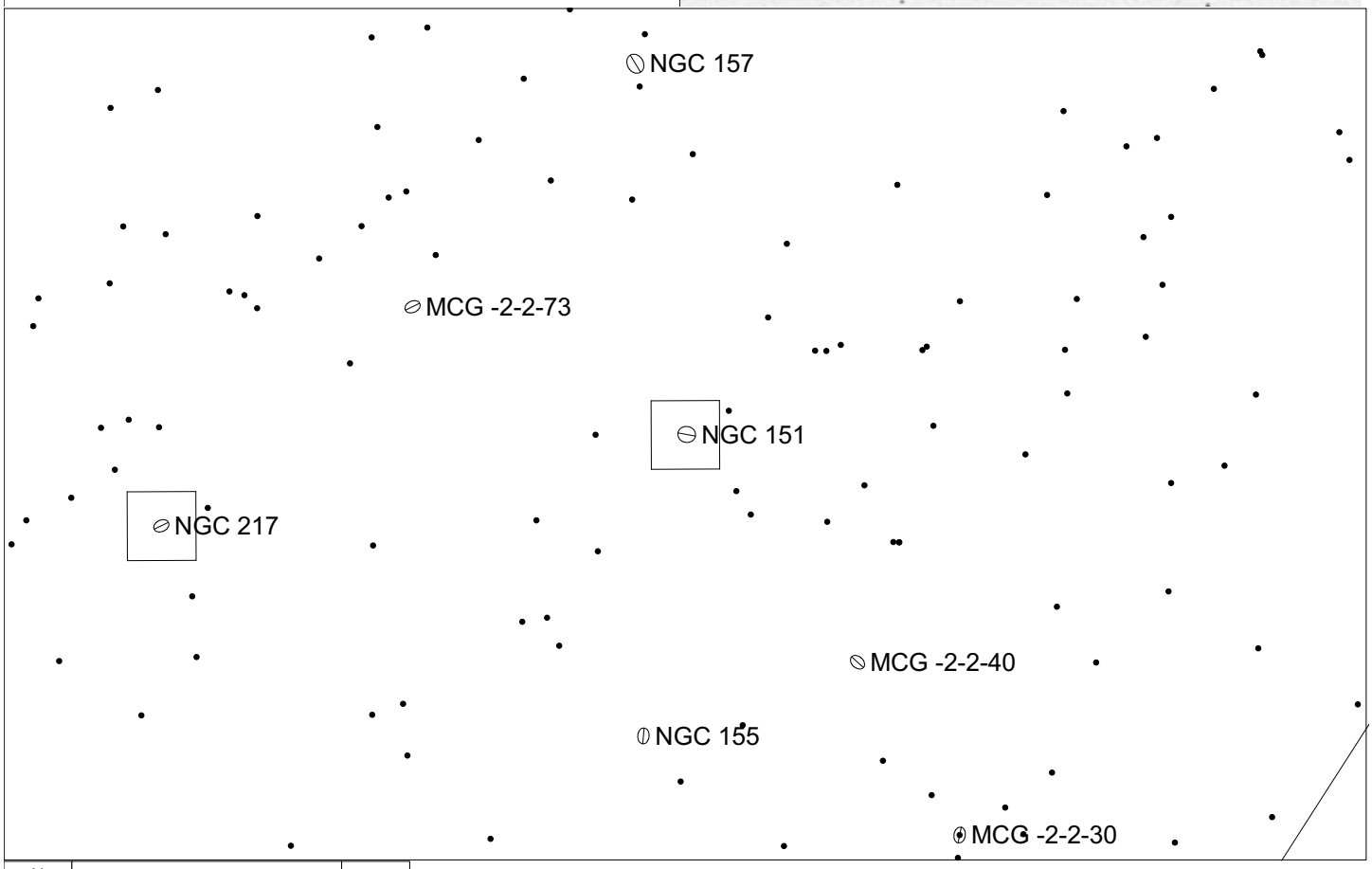


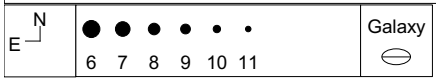
Herschel	RA	Dec	Mag	Size	Type
H II 271	01 56 21.0	+05 37 44	12.2b	2.9 x 2.8’	G E0:

NGC 151 (Cetus)



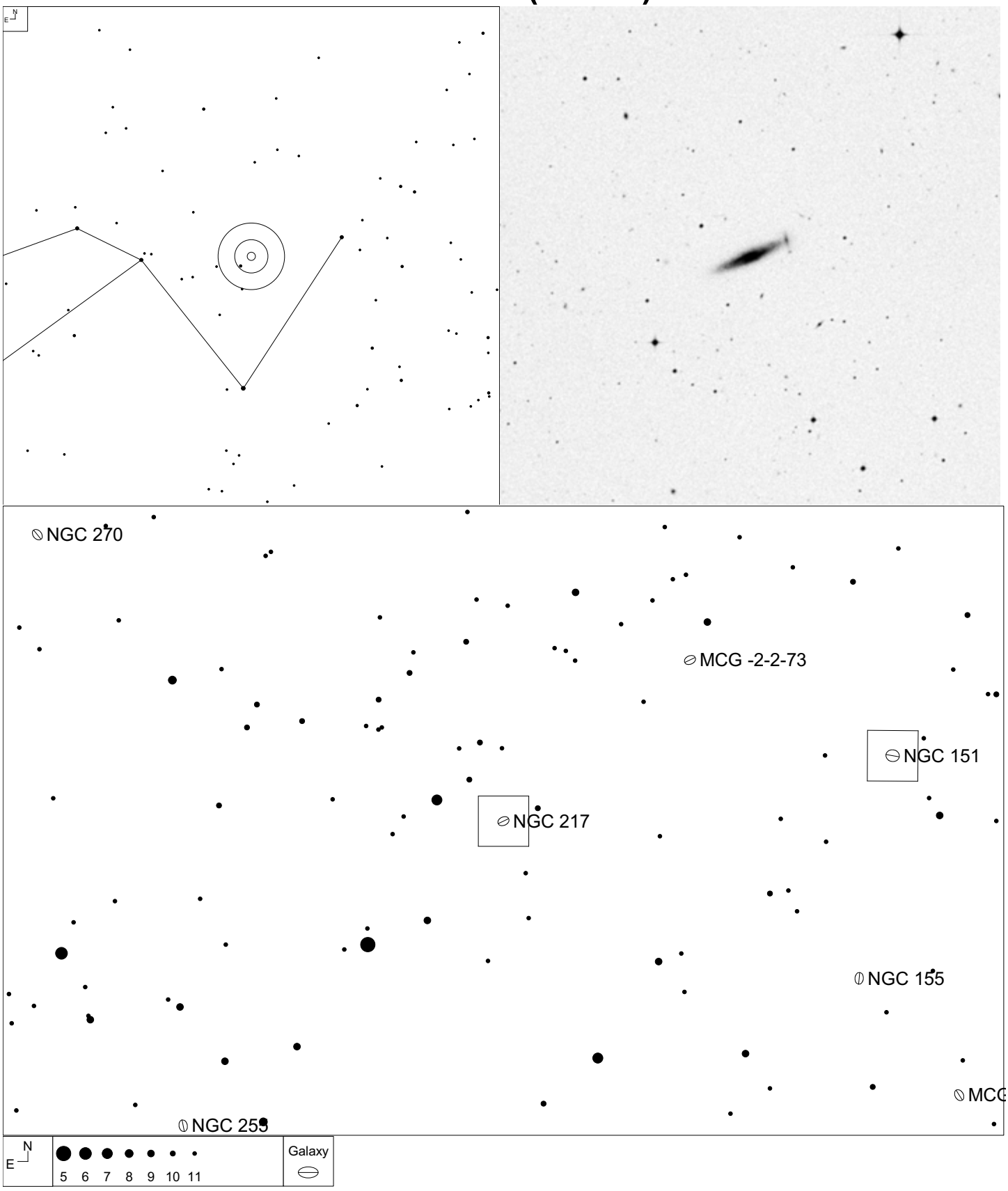






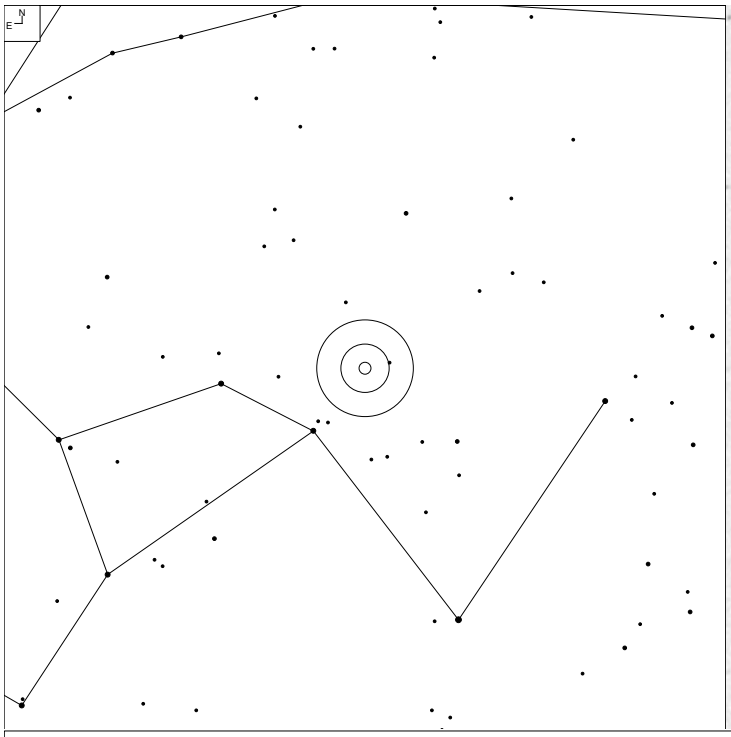
Herschel	RA	Dec	Mag	Size	Type
H II 478	00 34 02.5	-09 42 20	12.3b	3.7 x 1.6’	G SB(r)bc

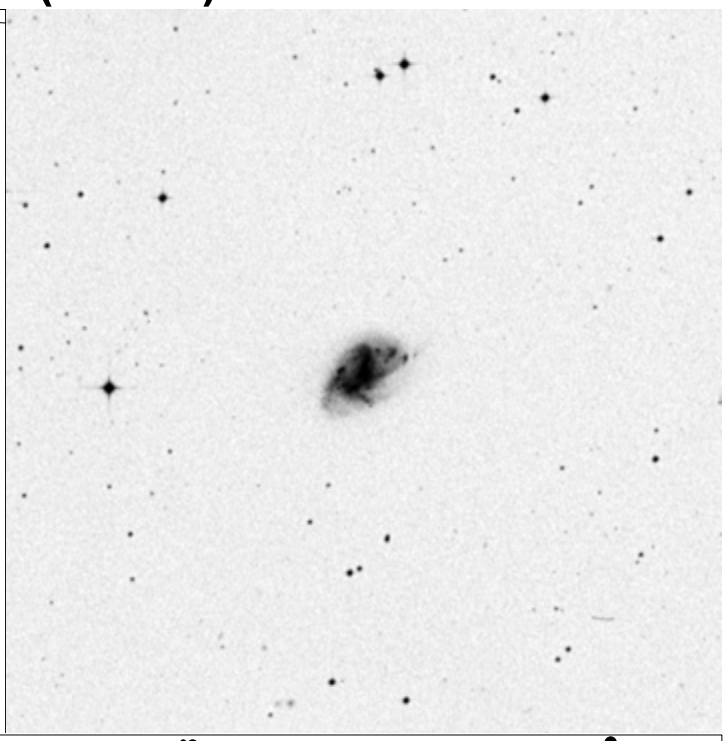
NGC 217 (Cetus)

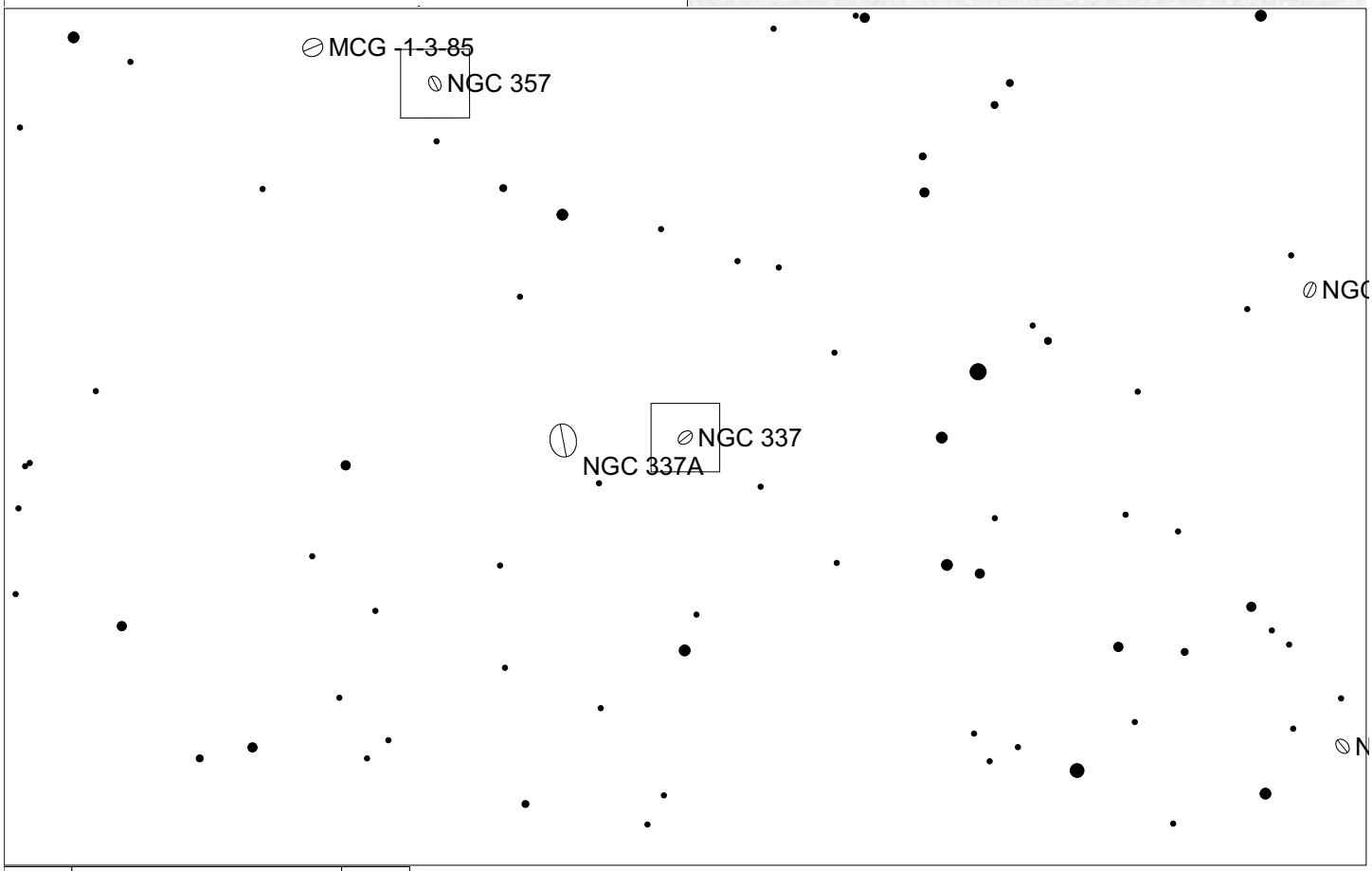


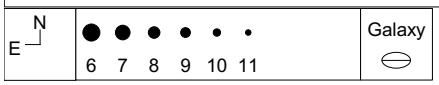
Herschel	RA	Dec	Mag	Size	Type
H II 480	00 41 33.8	-10 01 20	13.5	2.6 x 0.6’	G S0/a: sp

NGC 337 (Cetus)



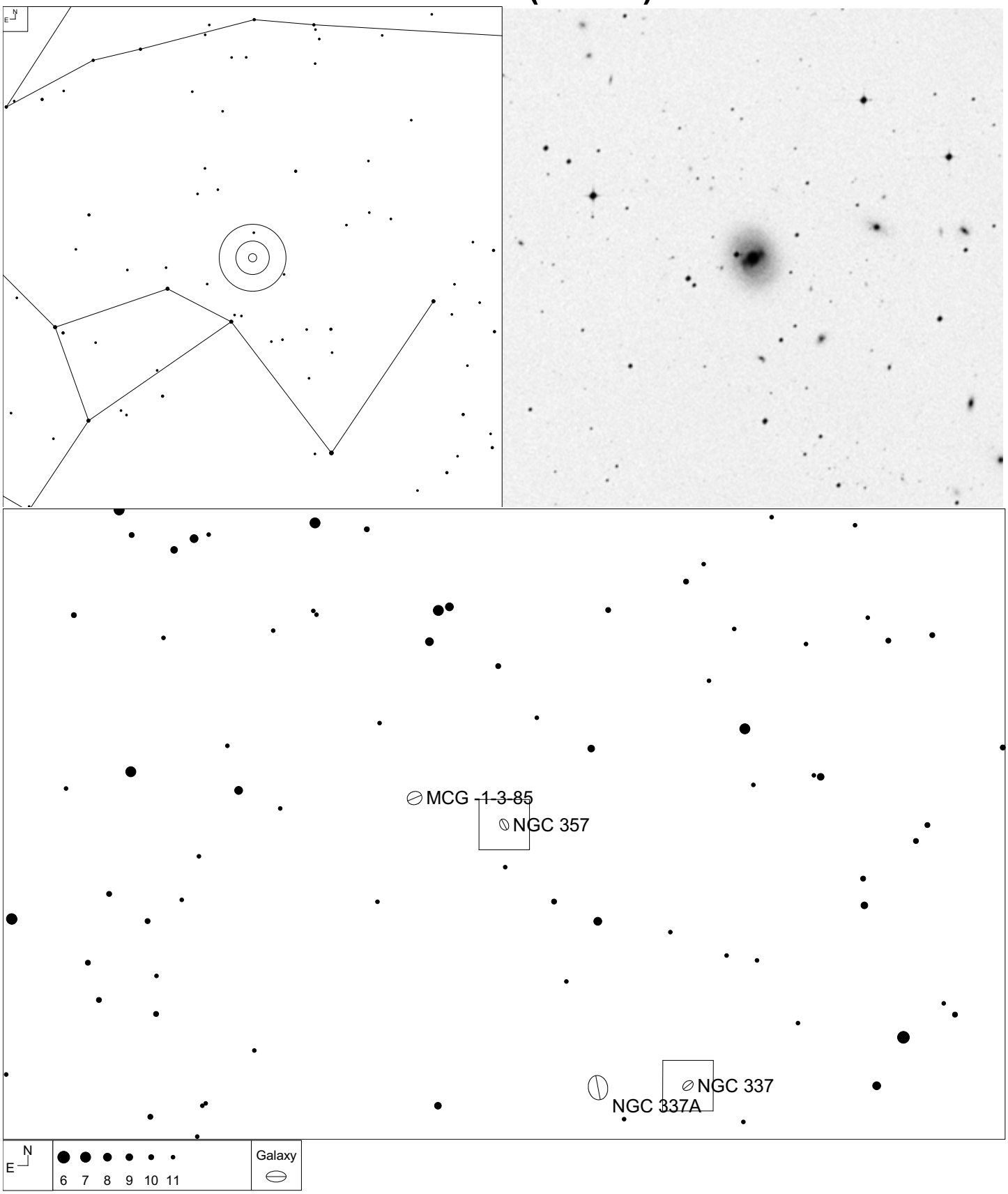






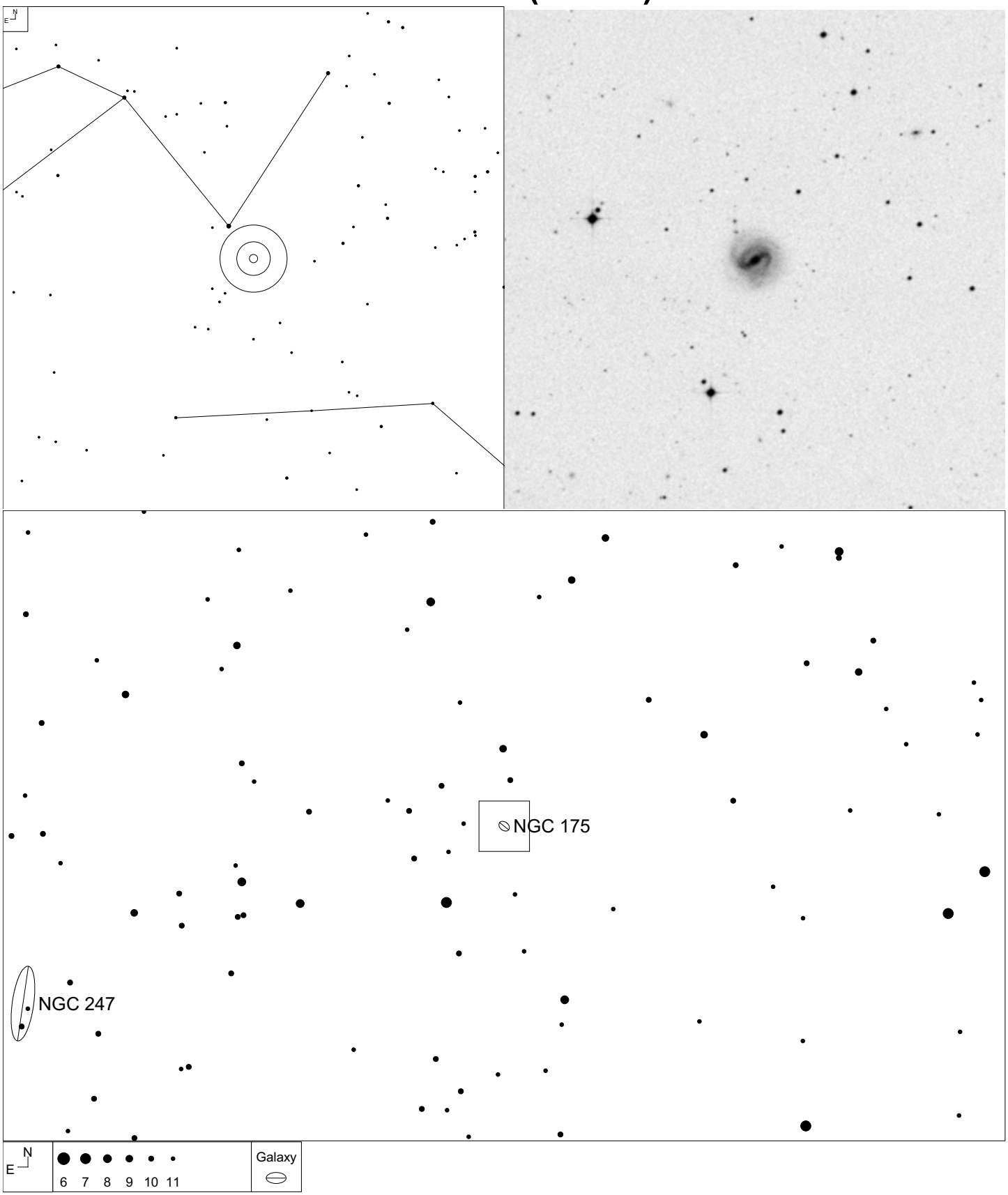
Herschel	RA	Dec	Mag	Size	Type
H II 433	00 59 50.3	-07 34 43	12.1b	2.9 x 1.8’	G SB(s)d

NGC 357 (Cetus)



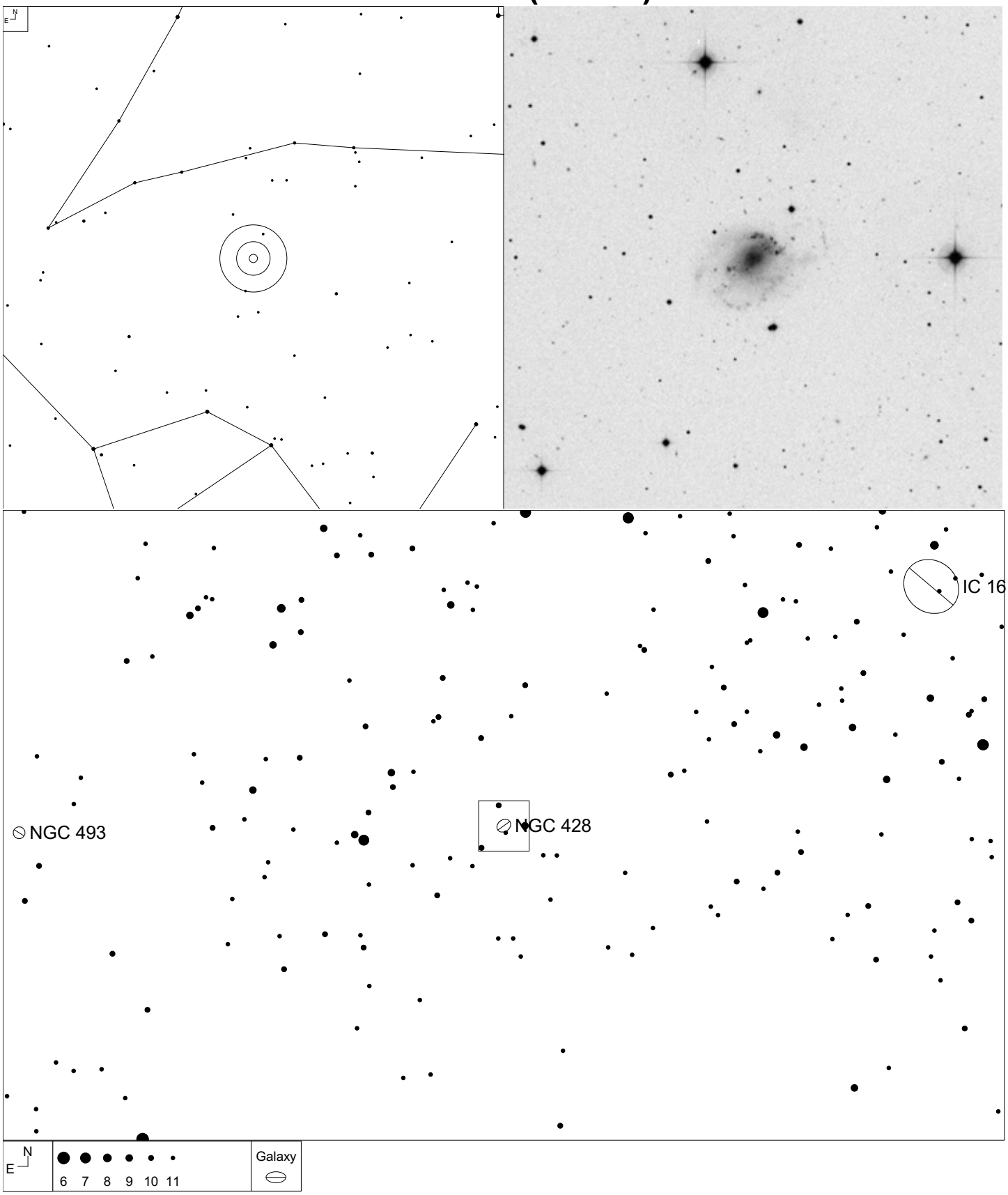
Herschel	RA	Dec	Mag	Size	Type
H II 434	01 03 21.9	-06 20 22	12.0v	2.4 x 1.7’	G SB(r)0/a:

NGC 175 (Cetus)



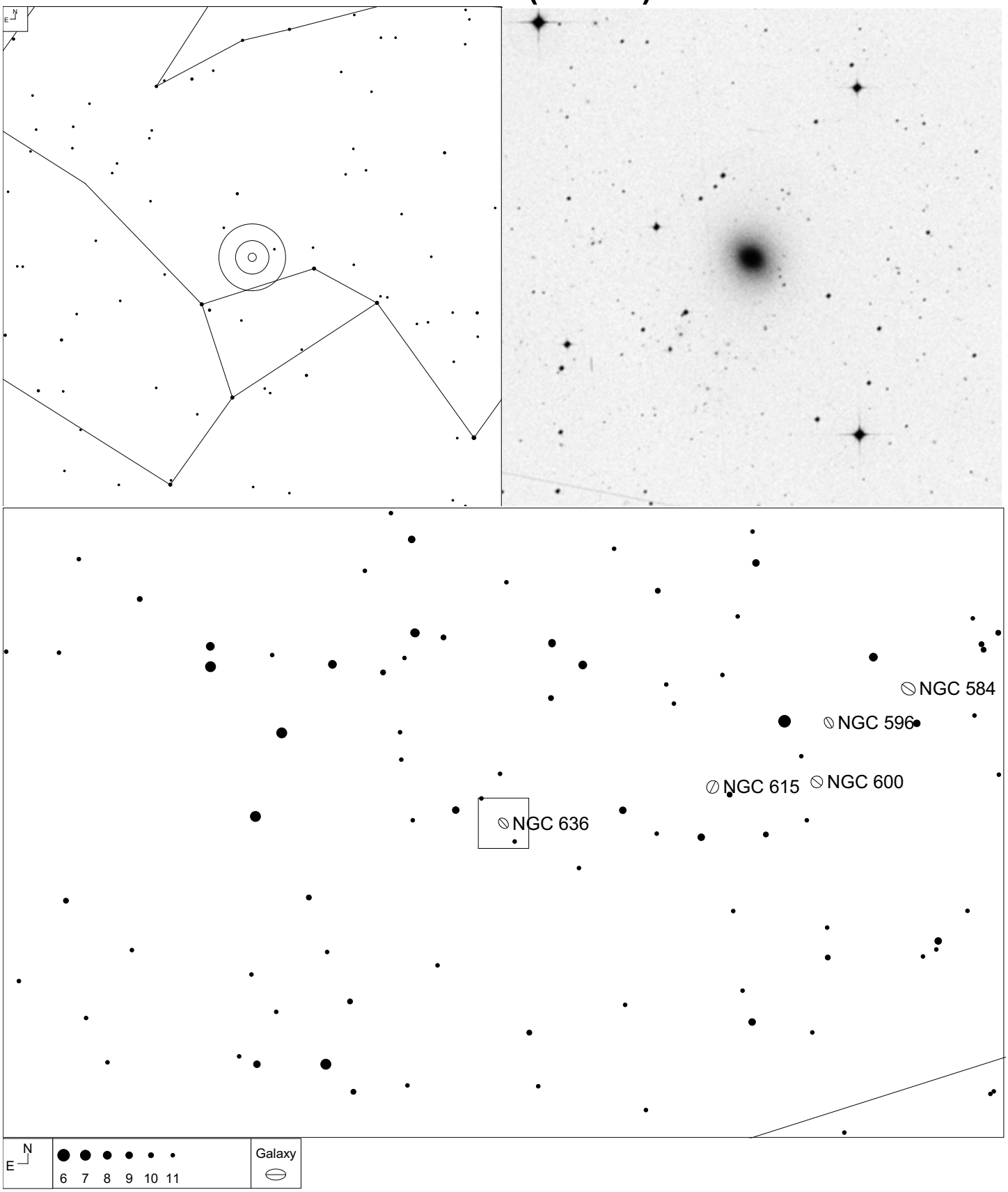
Herschel	RA	Dec	Mag	Size	Type
H III 223?	00 37 21.6	-19 56 04	12.9b	2.1 x 1.8’	G SB(r)ab

NGC 428 (Cetus)



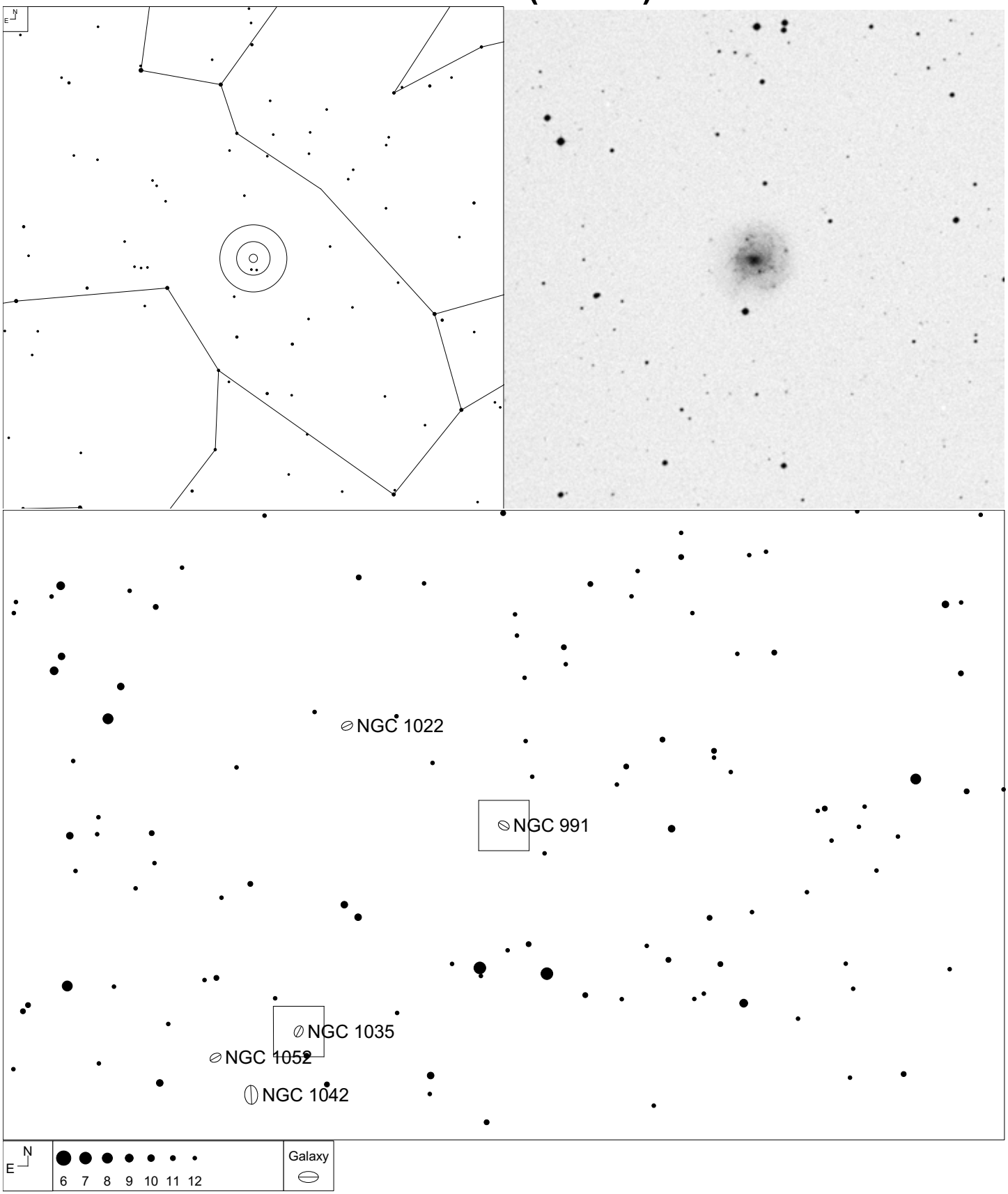
Herschel	RA	Dec	Mag	Size	Type
H II 622	01 12 55.6	+00 58 54	11.9b	4.1 x 3.1’	G SAB(s)m

NGC 636 (Cetus)



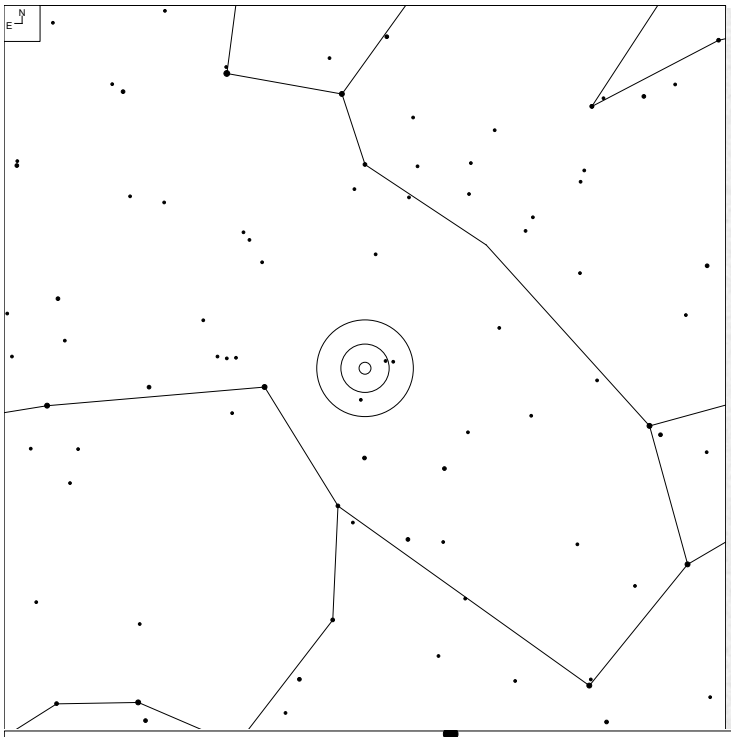
Herschel	RA	Dec	Mag	Size	Type
H II 283	01 39 06.5	-07 30 46	12.4b	2.8 x 2.1’	G E3

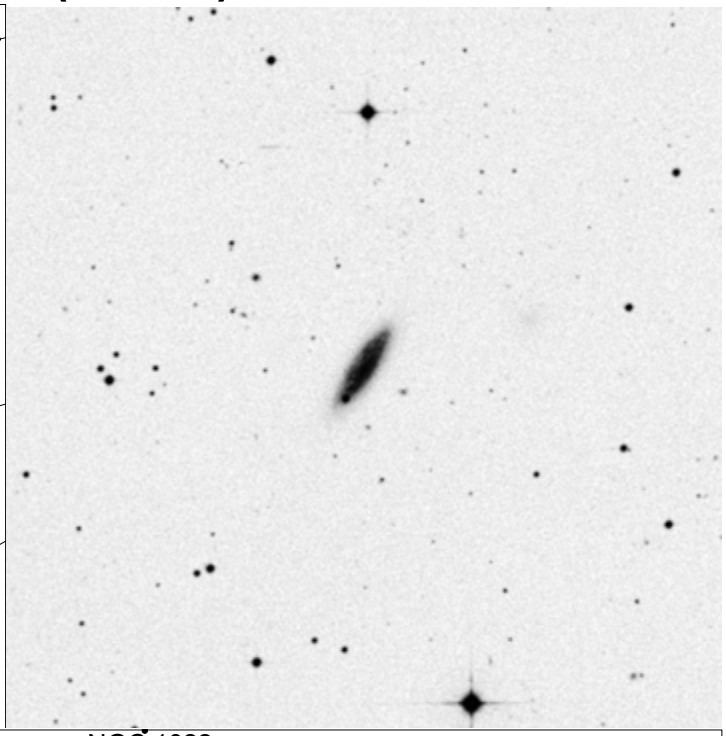
NGC 991 (Cetus)

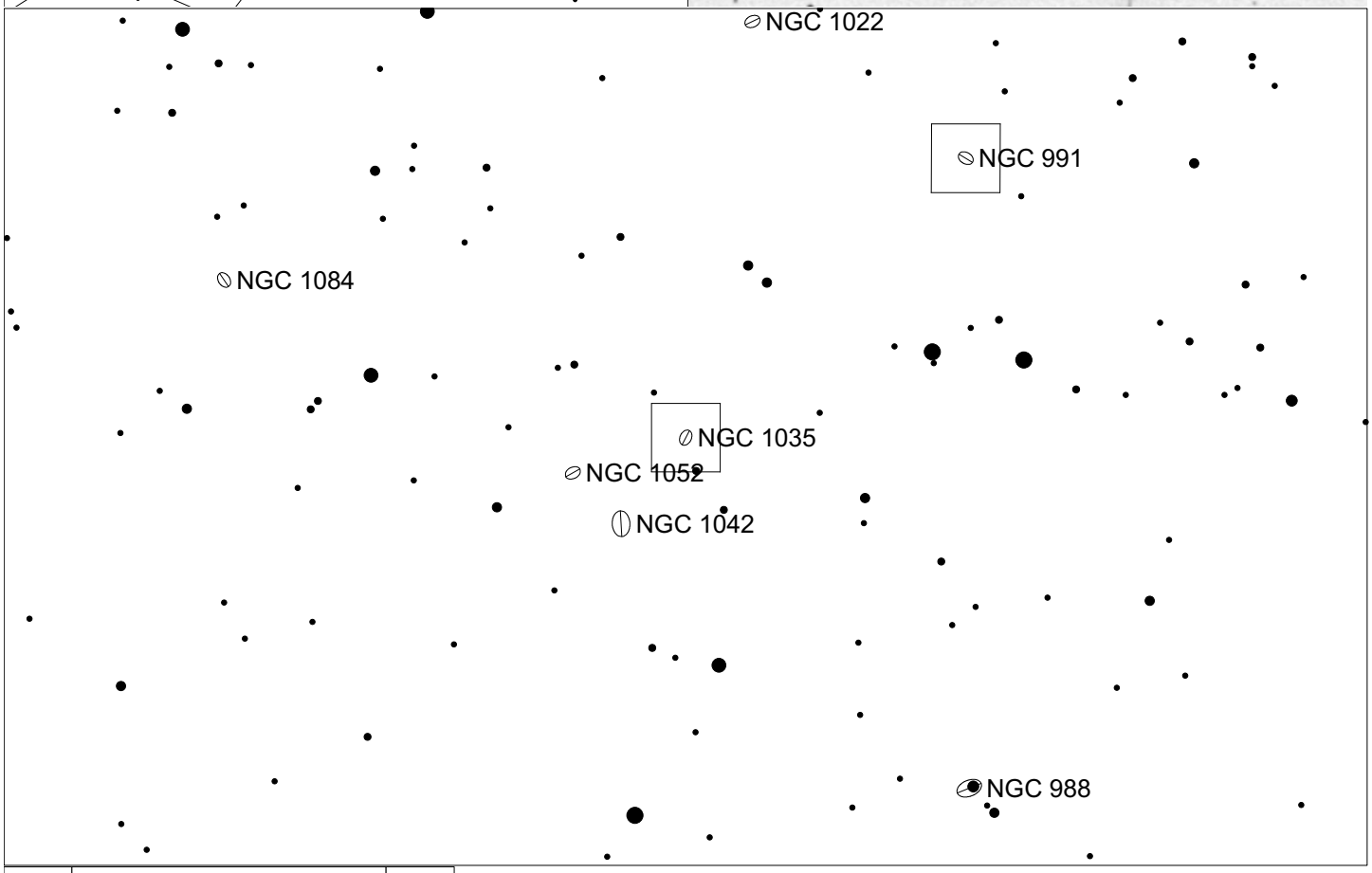


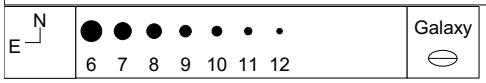
Herschel	RA	Dec	Mag	Size	Type
H III 434	02 35 32.2	-07 09 16	12.4p	2.7 x 2.4’	G SAB(rs)c

NGC 1035 (Cetus)



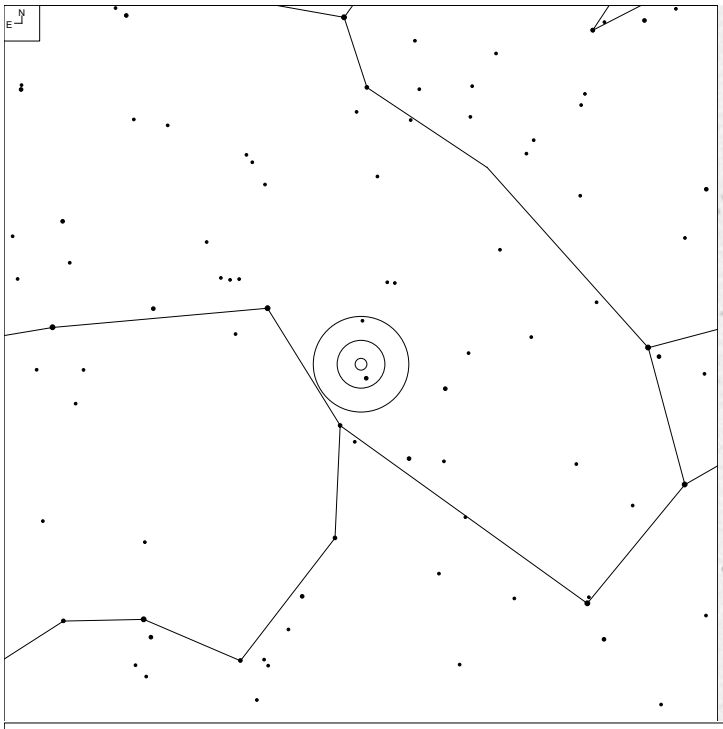


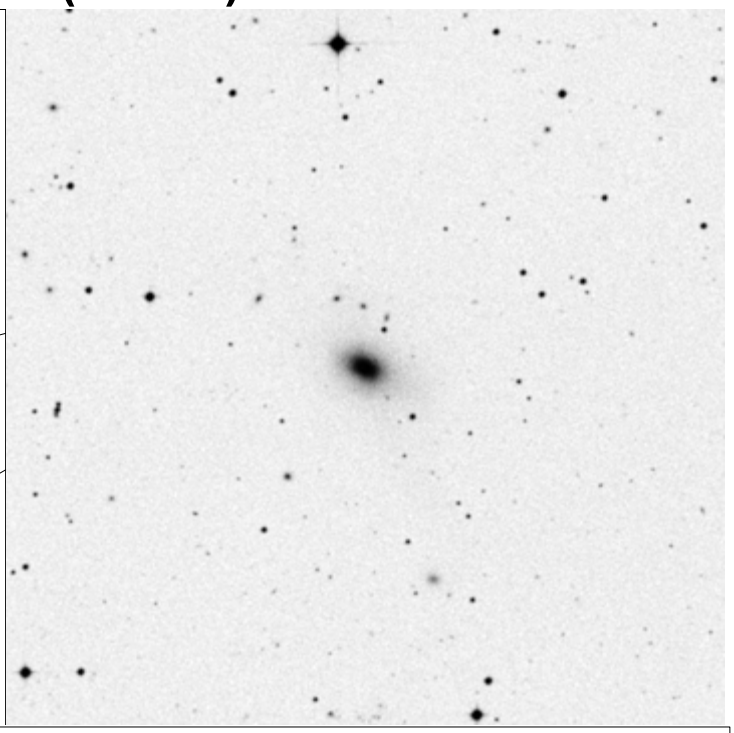


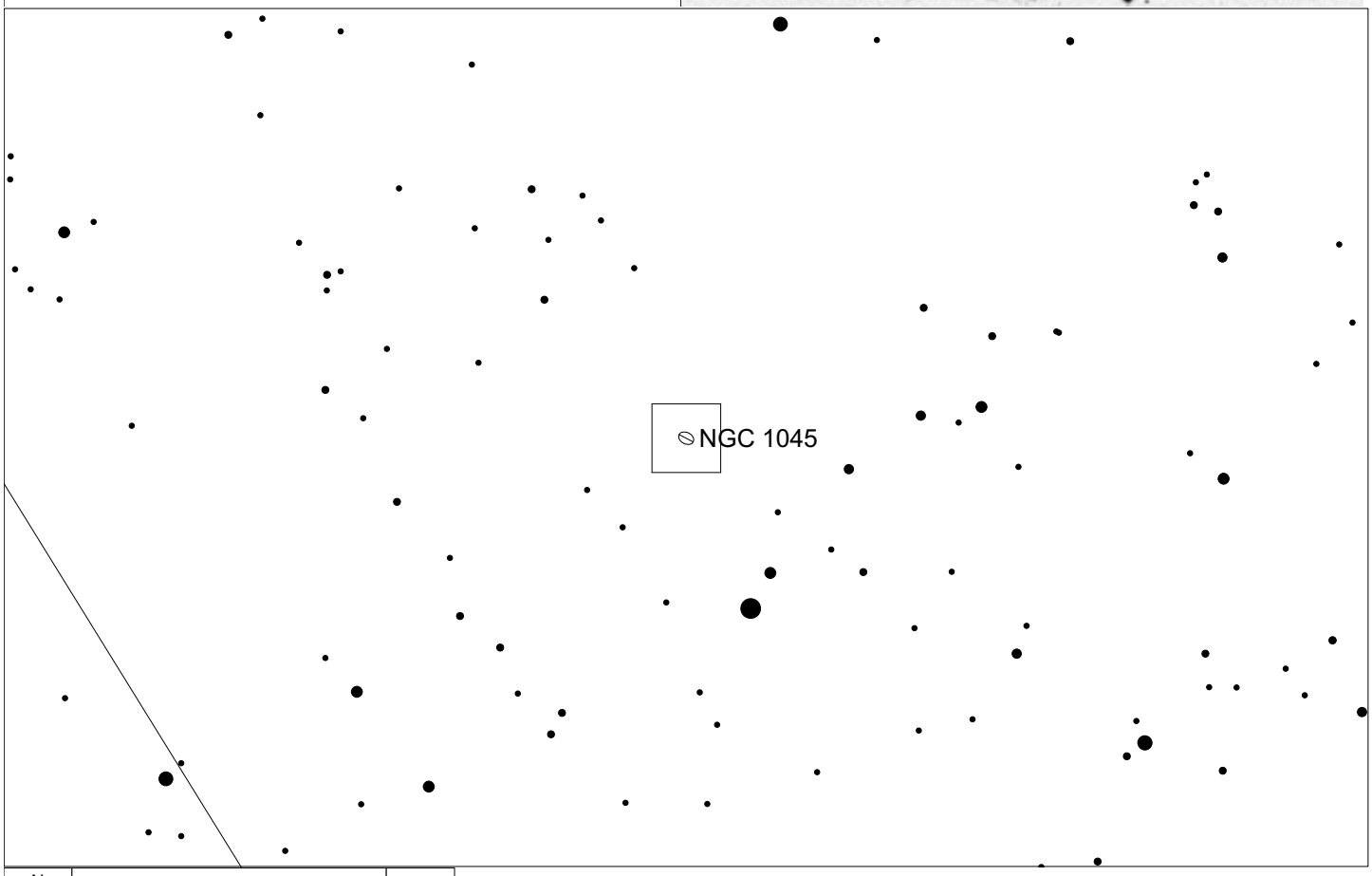


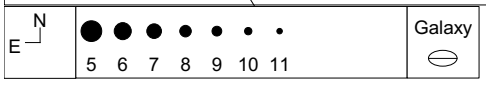
Herschel	RA	Dec	Mag	Size	Type
H II 284	02 39 29.0	-08 07 57	12.9b	2.6 x 0.9’	G SA(s)c?

NGC 1045 (Cetus)



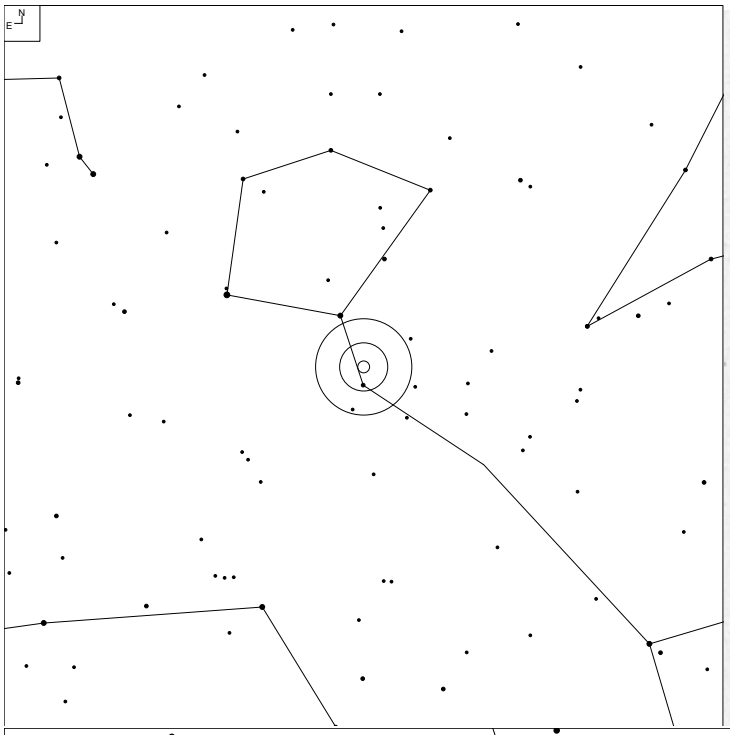


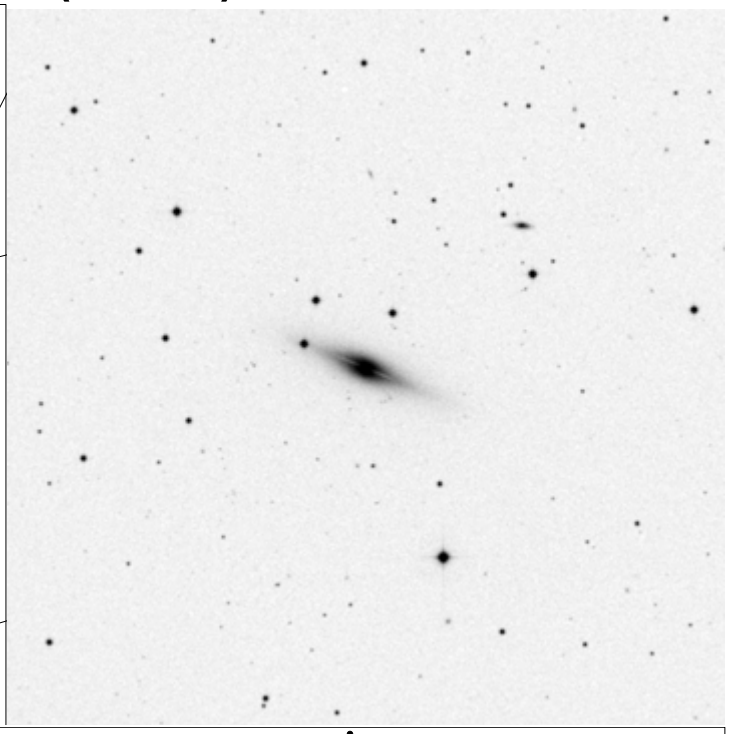


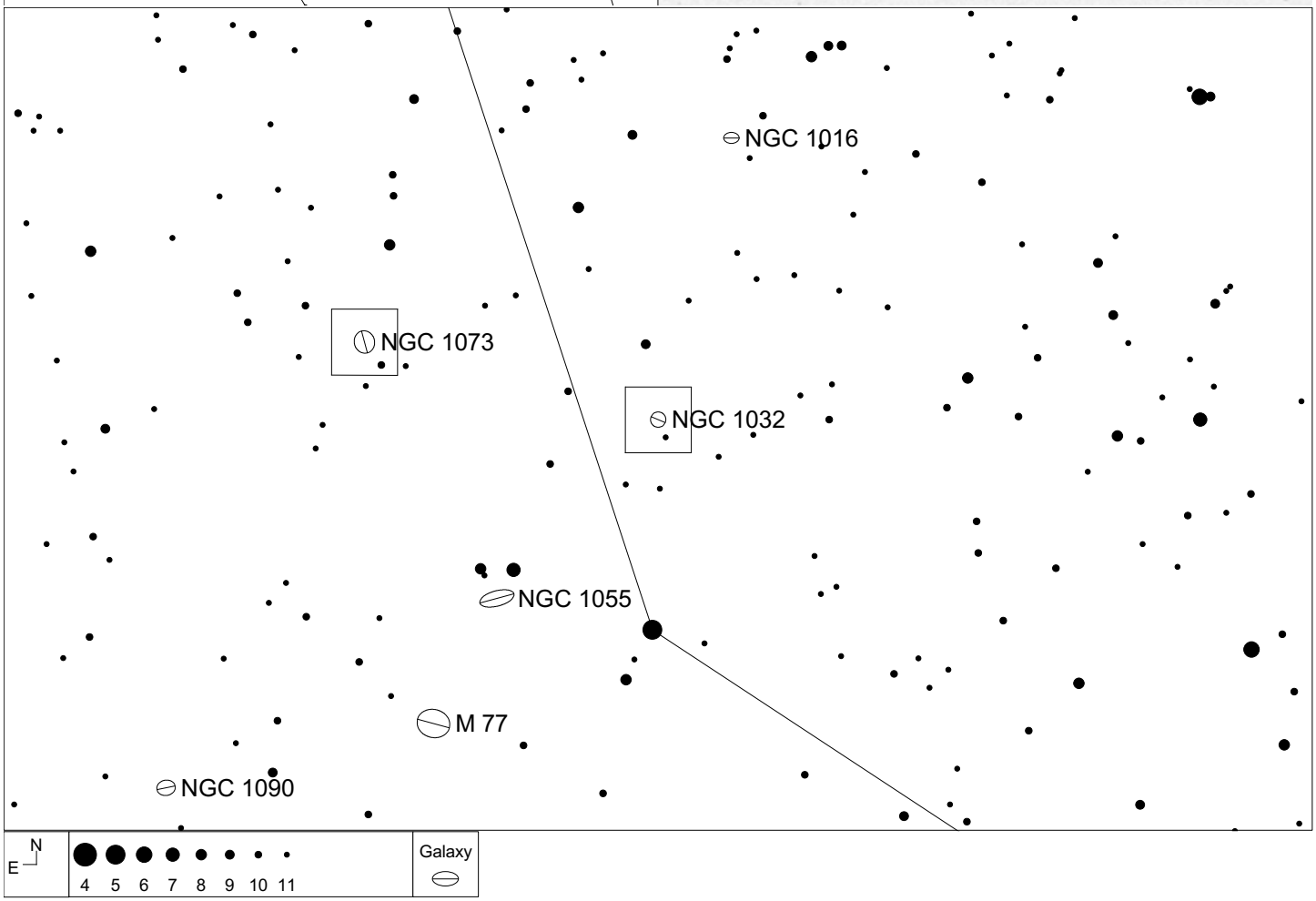


Herschel	RA	Dec	Mag	Size	Type
H II 488	02 40 29.1	-11 16 39	12.9	2.3 x 1.2’	G SA0- pec?

NGC 1032 (Cetus)

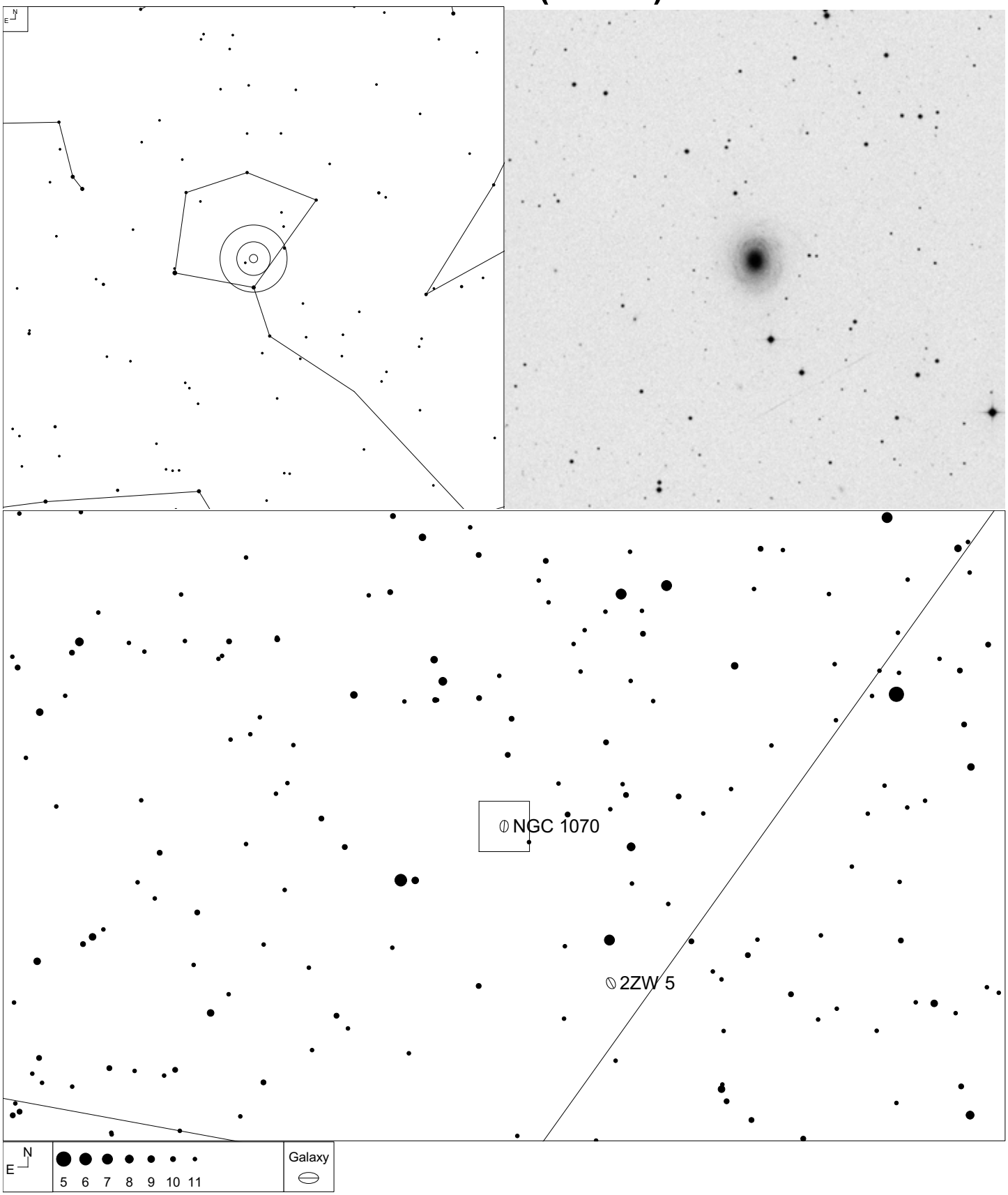






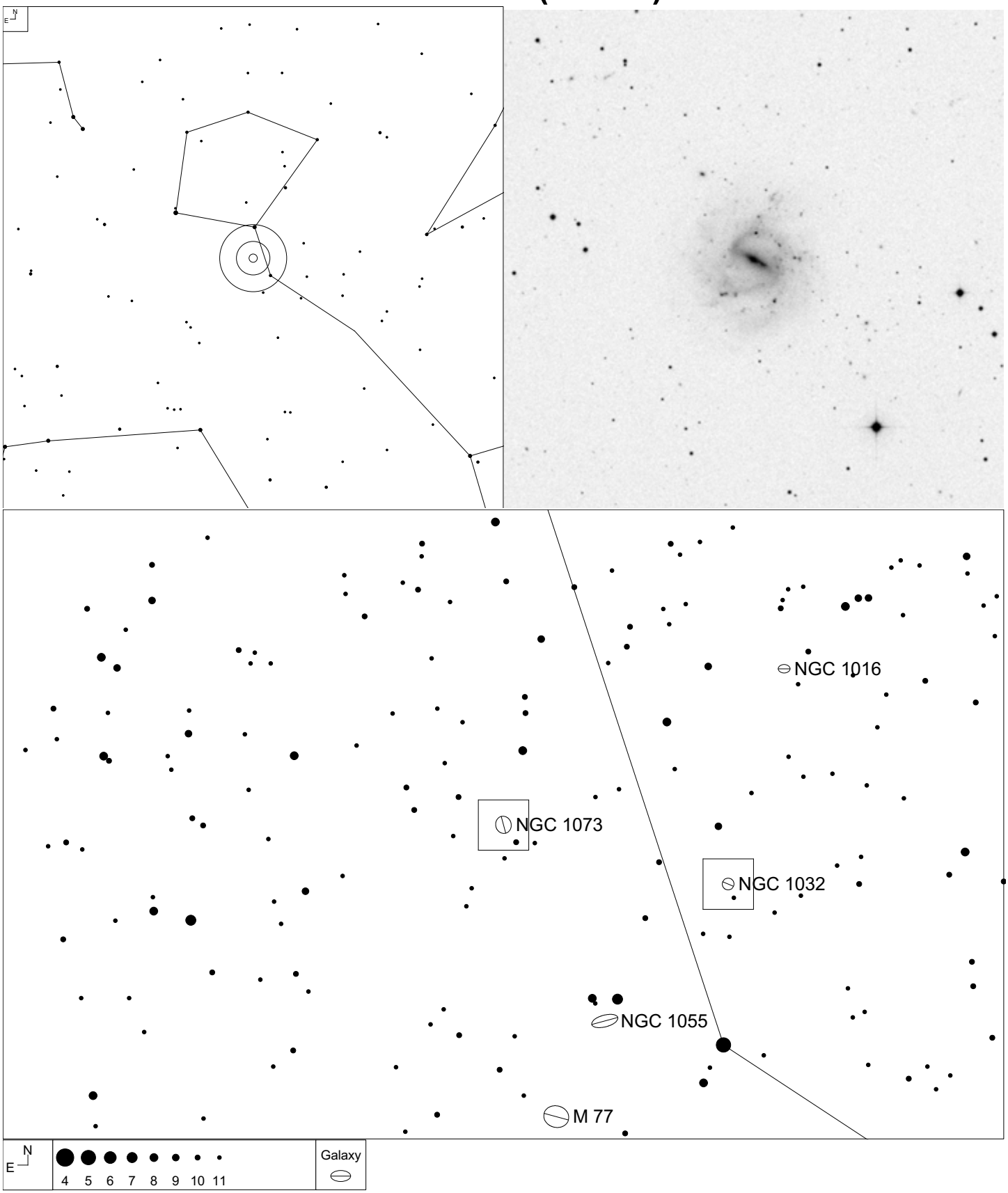
Herschel	RA	Dec	Mag	Size	Type
H II 5	02 39 23.6	+01 05 37	12.6b	3.3 x 1.1’	G S0/a sp

NGC 1070 (Cetus)



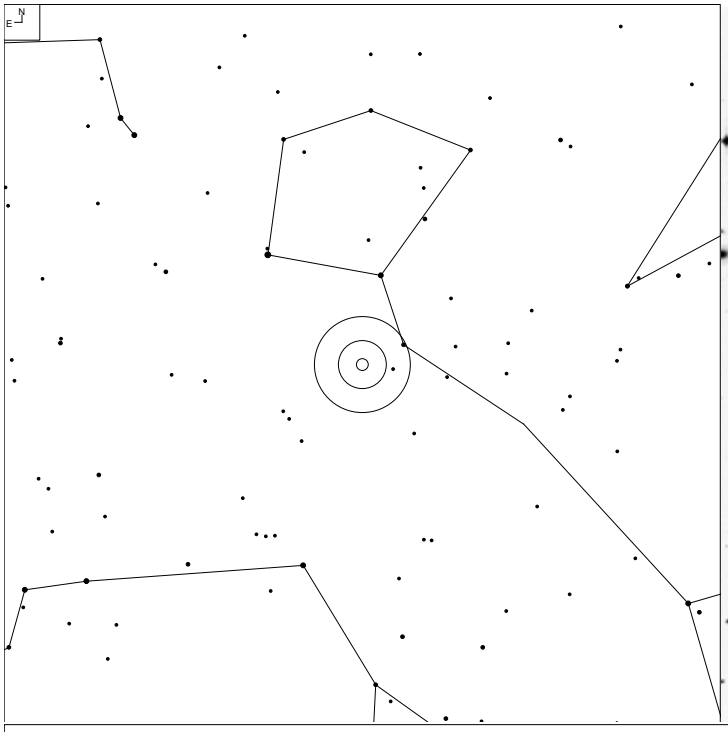
Herschel	RA	Dec	Mag	Size	Type
H II 273	02 43 22.2	+04 58 05	12.7p	2.3 x 1.9’	G Sb

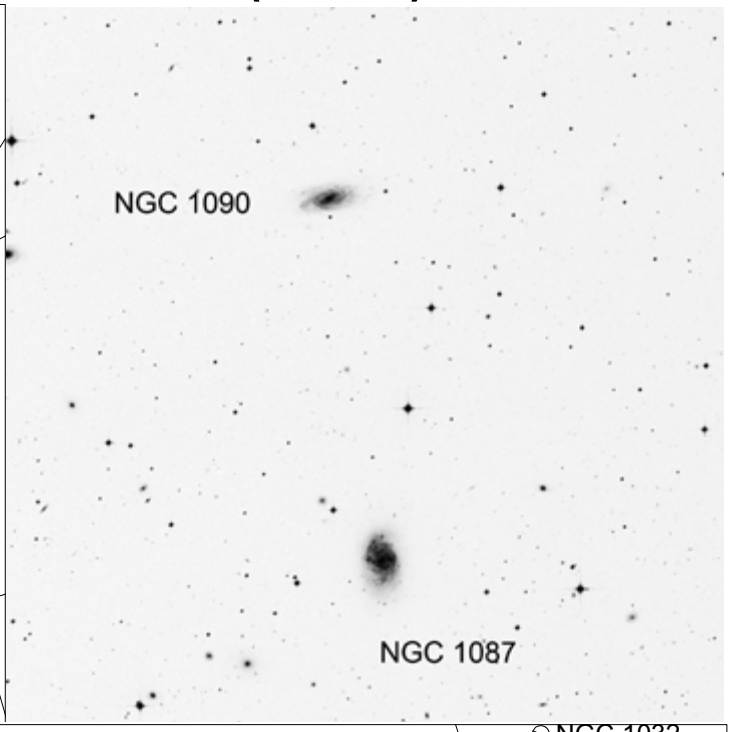
NGC 1073 (Cetus)

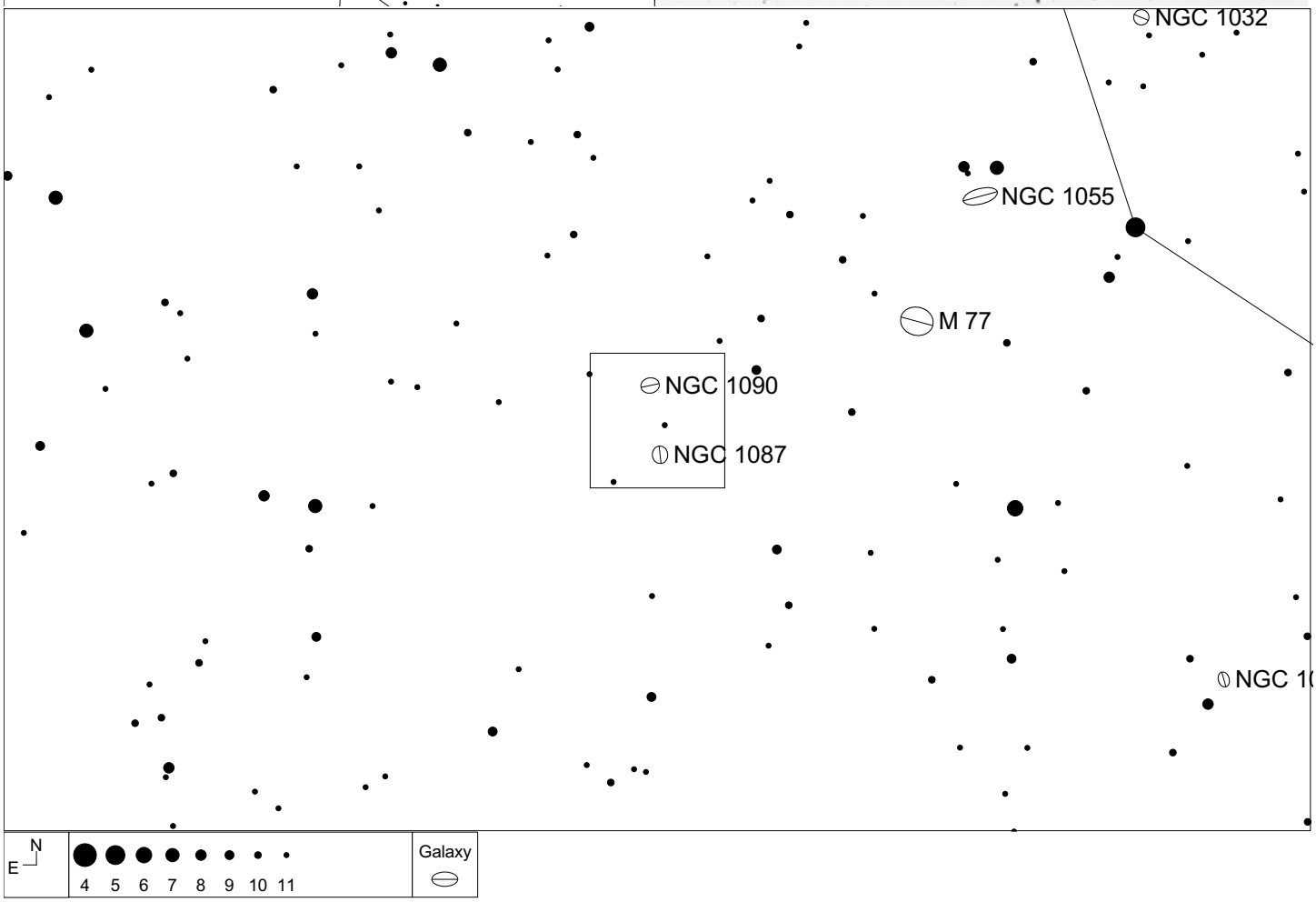


Herschel	RA	Dec	Mag	Size	Type
H III 455	02 43 40.3	+01 22 33	11.5b	4.9 x 4.4’	G SB(rs)c

NGC 1087 and NGC 1090 (Cetus)

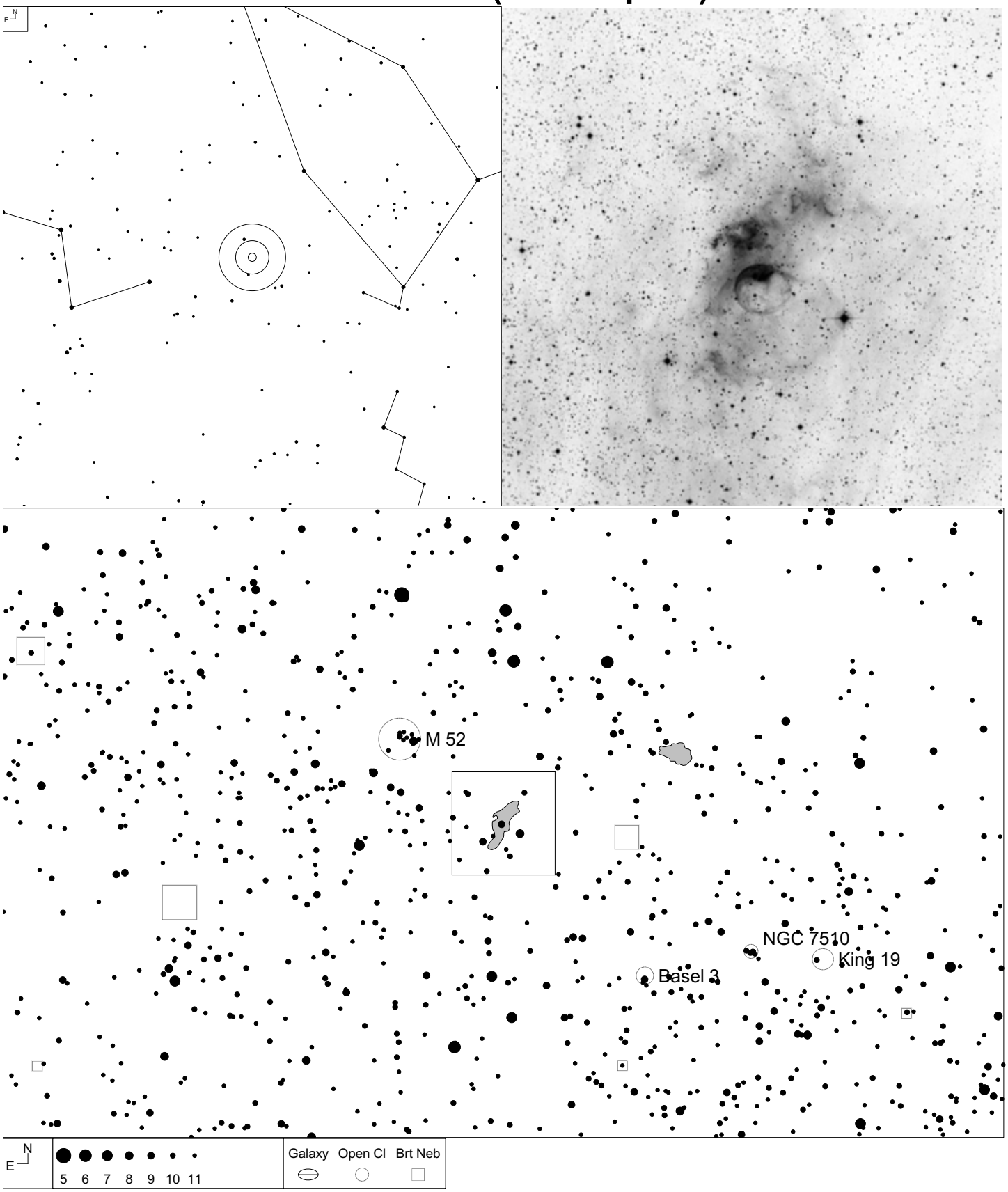






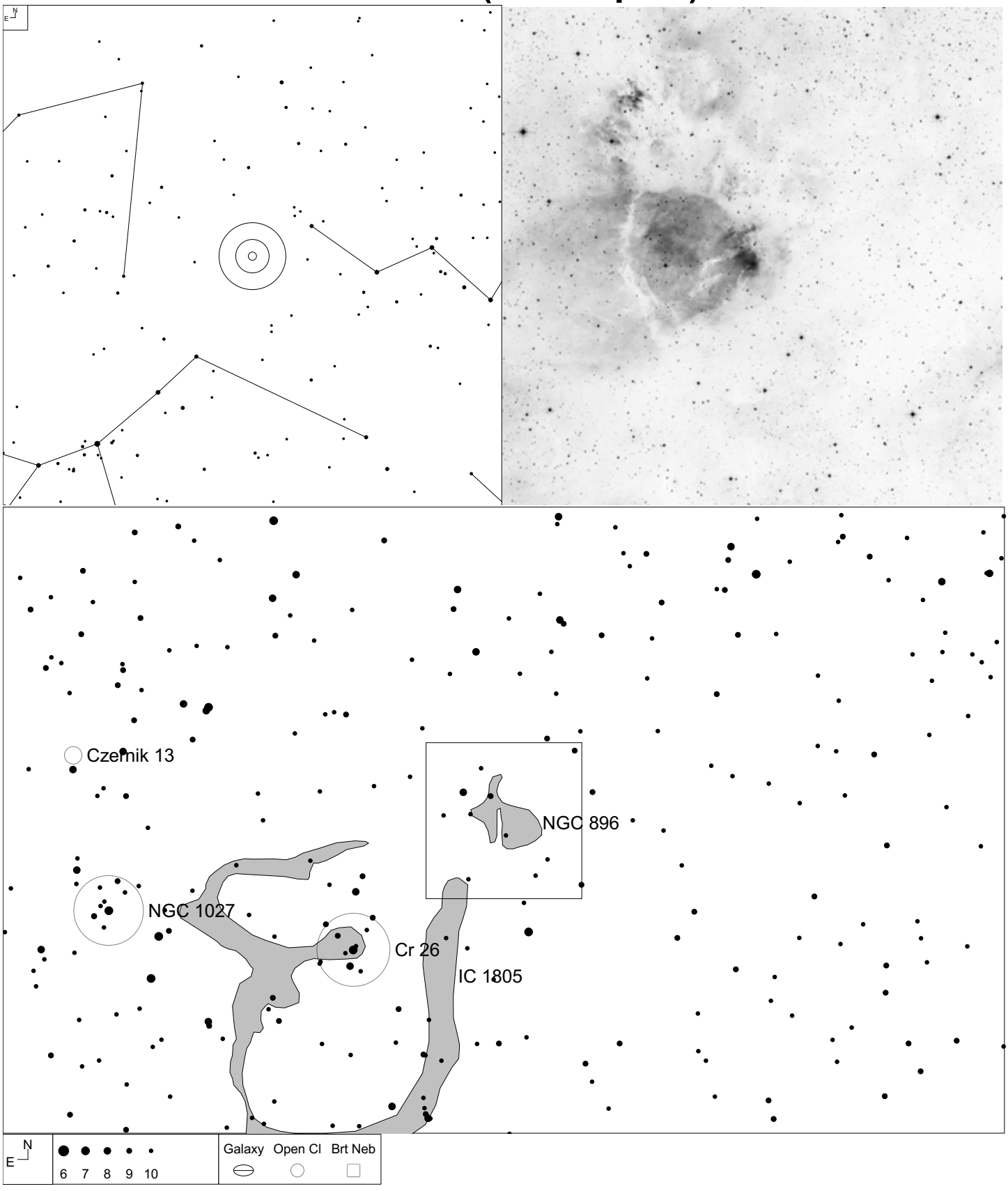
Herschel	RA	Dec	Mag	Size	Type
H II 466	02 46 25.1	-00 29 55	11.5b	3.7 x 2.2’	G SAB(rs)c
H II 465	02 46 33.9	-00 14 50	12.5b	4.0 x 1.7’	G SB(rs)bc

NGC 7635 (Cassiopeia)



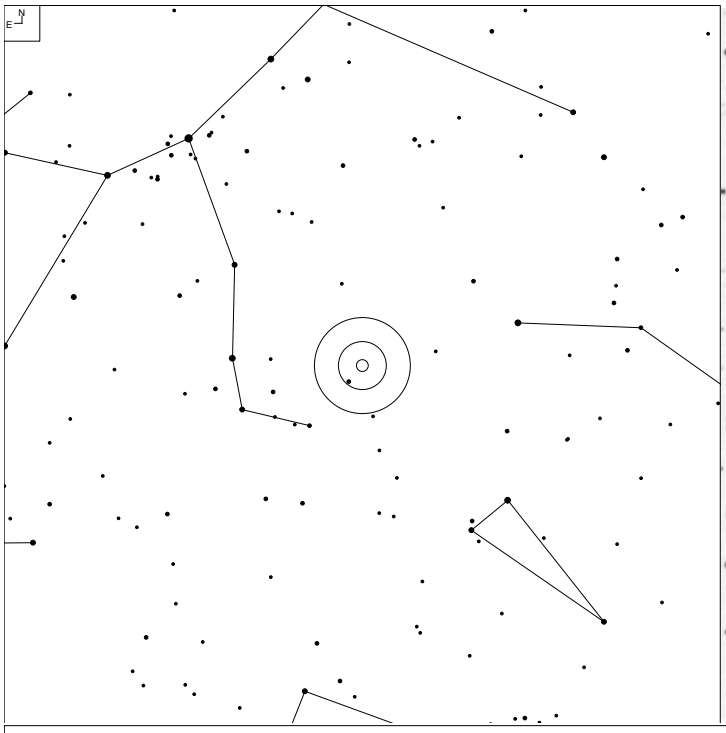
Herschel	RA	Dec	Mag	Size	Type
H IV 52	23 20 45	+61 11.7	~10.5	15 x 8’	EN

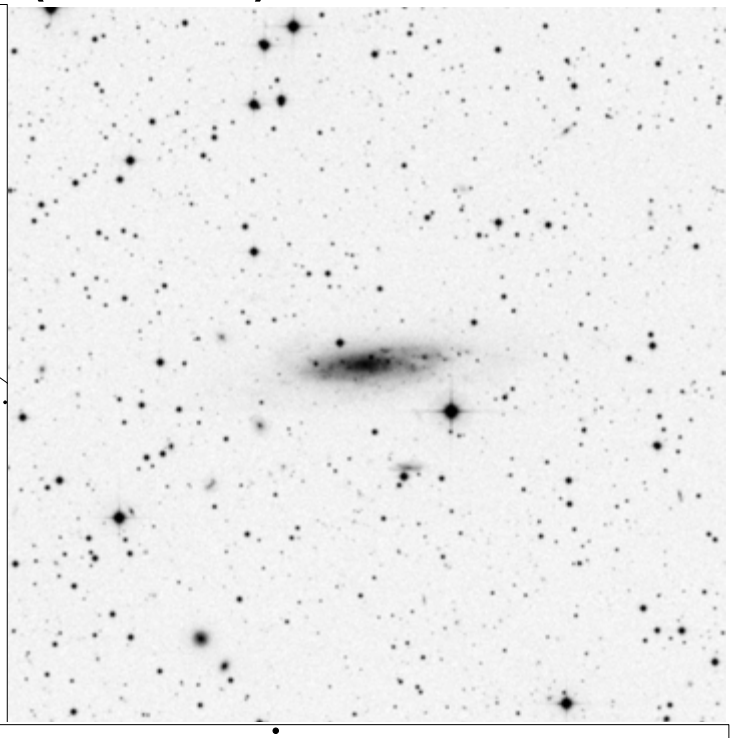
NGC 896 (Cassiopeia)

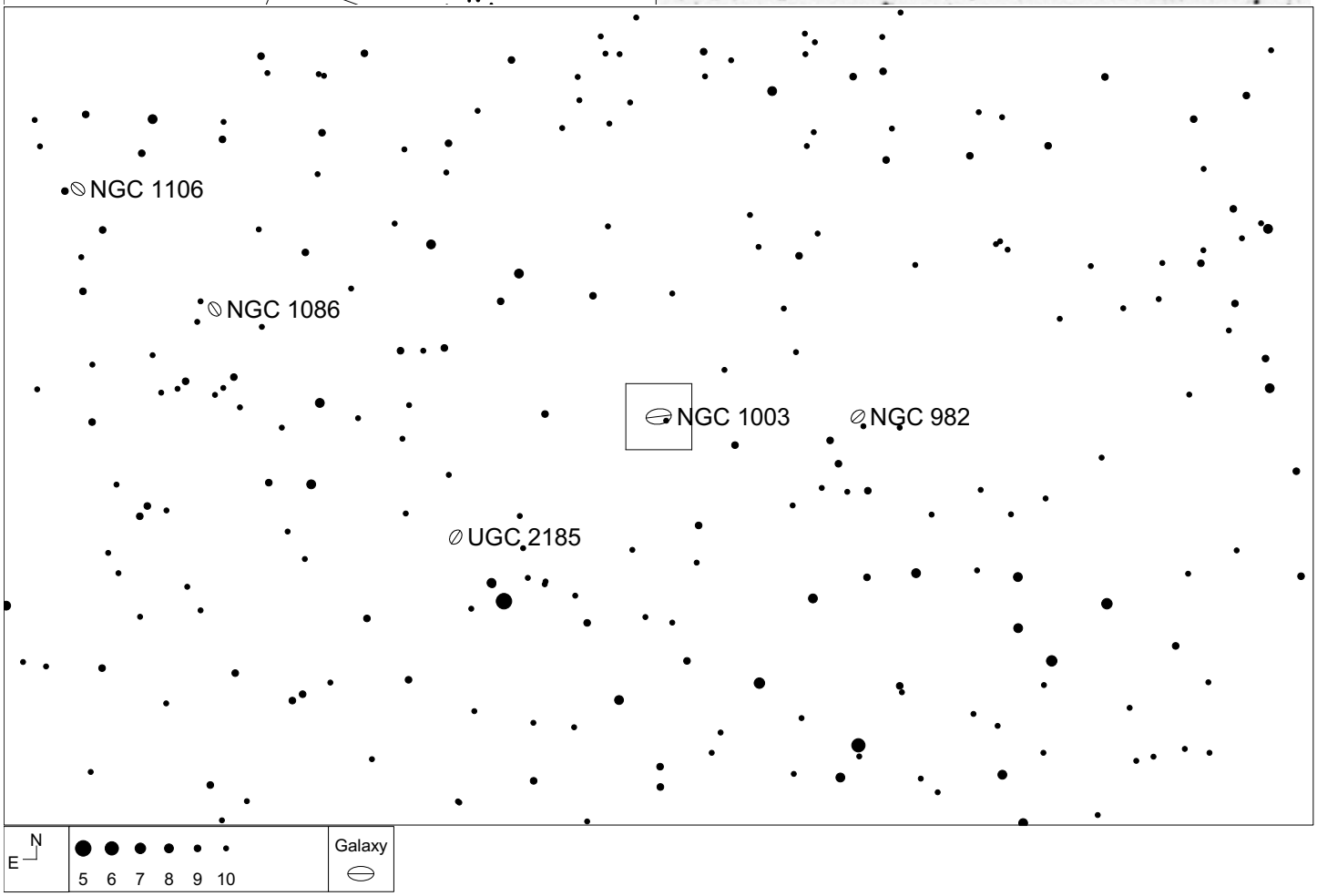


Herschel	RA	Dec	Mag	Size	Type
H III 695	02 25 28	+62 01 09	-	27 x 13’	EN

NGC 1003 (Perseus)

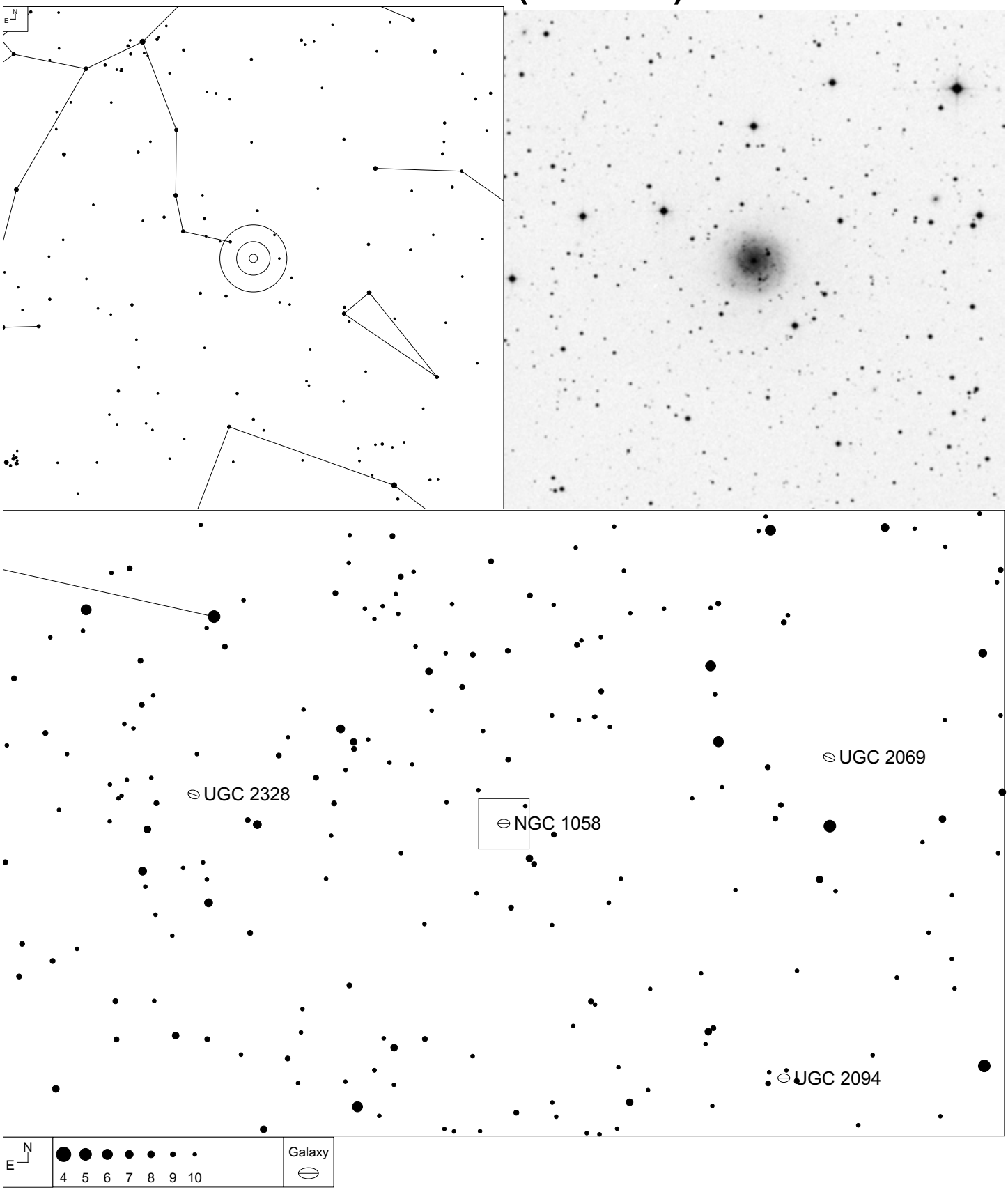






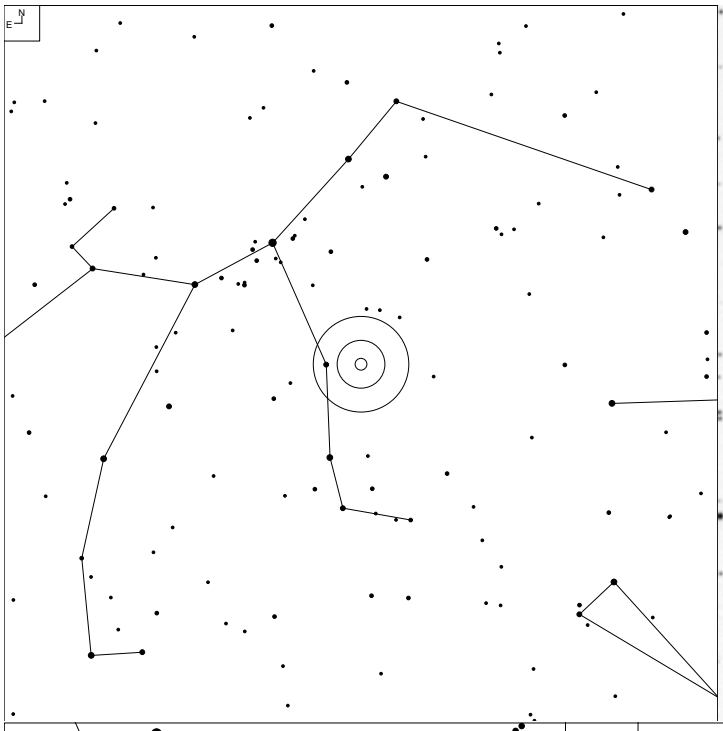
Herschel	RA	Dec	Mag	Size	Type
H II 238=III 198	02 39 16.9	+40 52 20	12.0b	5.5 x 1.8’	G SA(s)cd

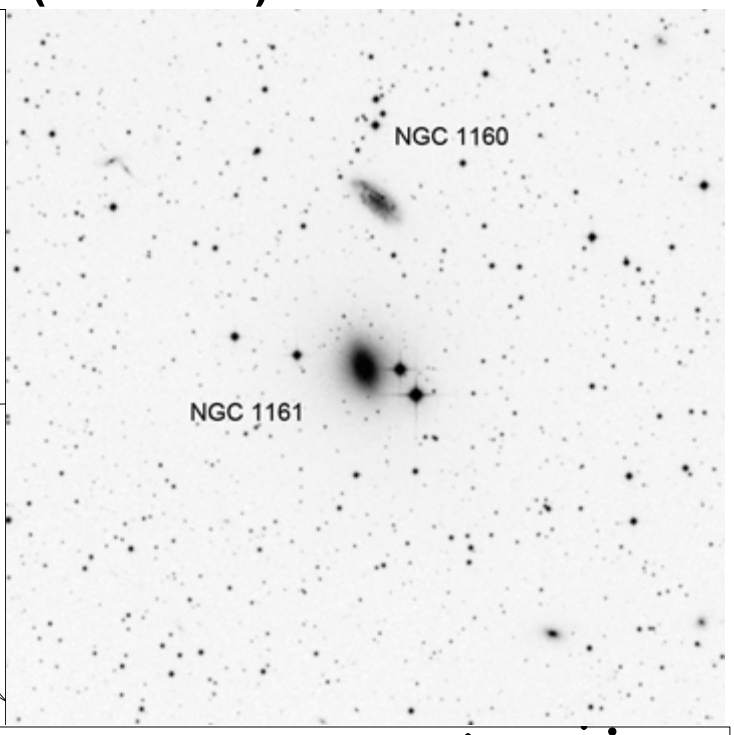
NGC 1058 (Perseus)

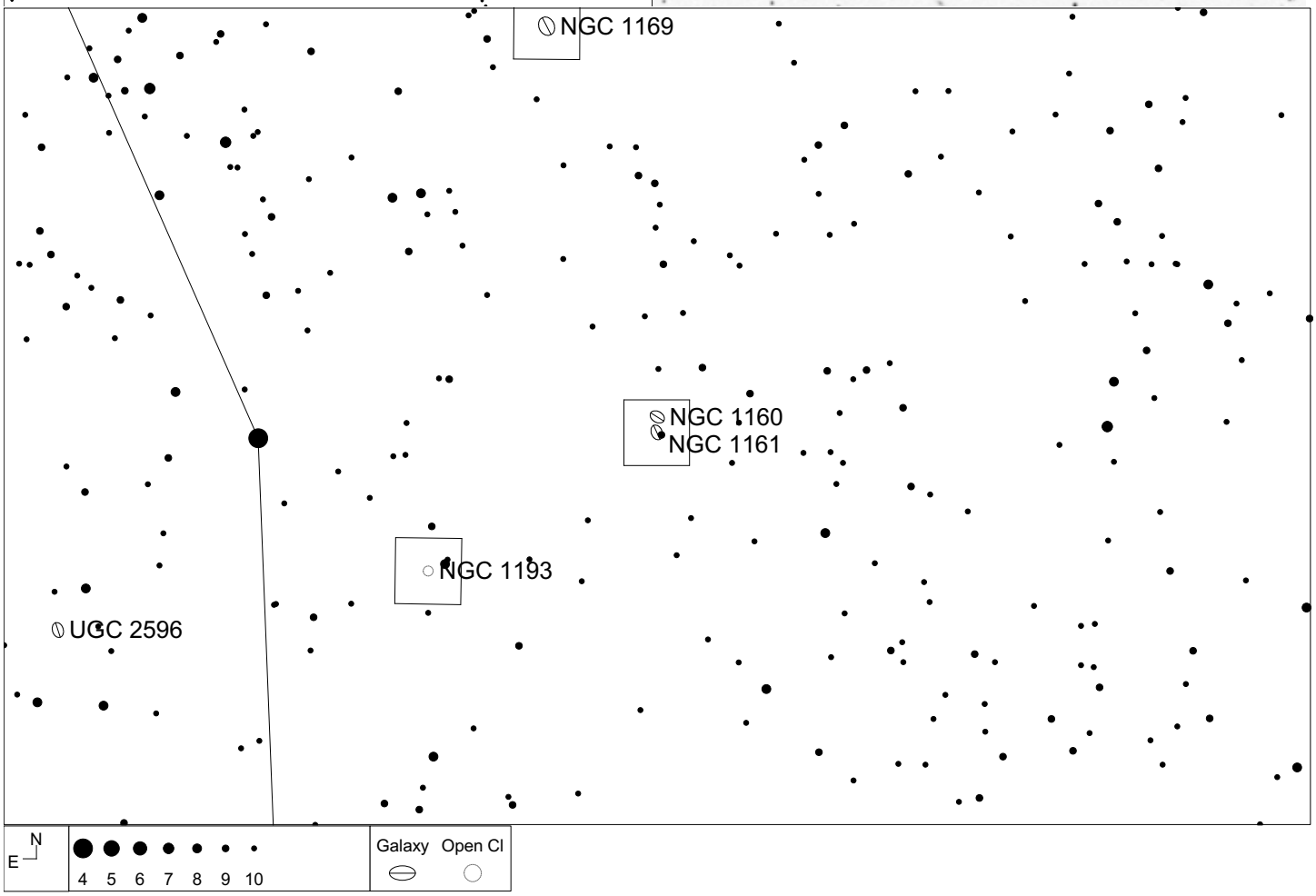


Herschel	RA	Dec	Mag	Size	Type
H II 633	02 43 29.8	+37 20 27	11.8b	3.0 x 2.7’	G SA(rs)c

NGC 1161 (Perseus)

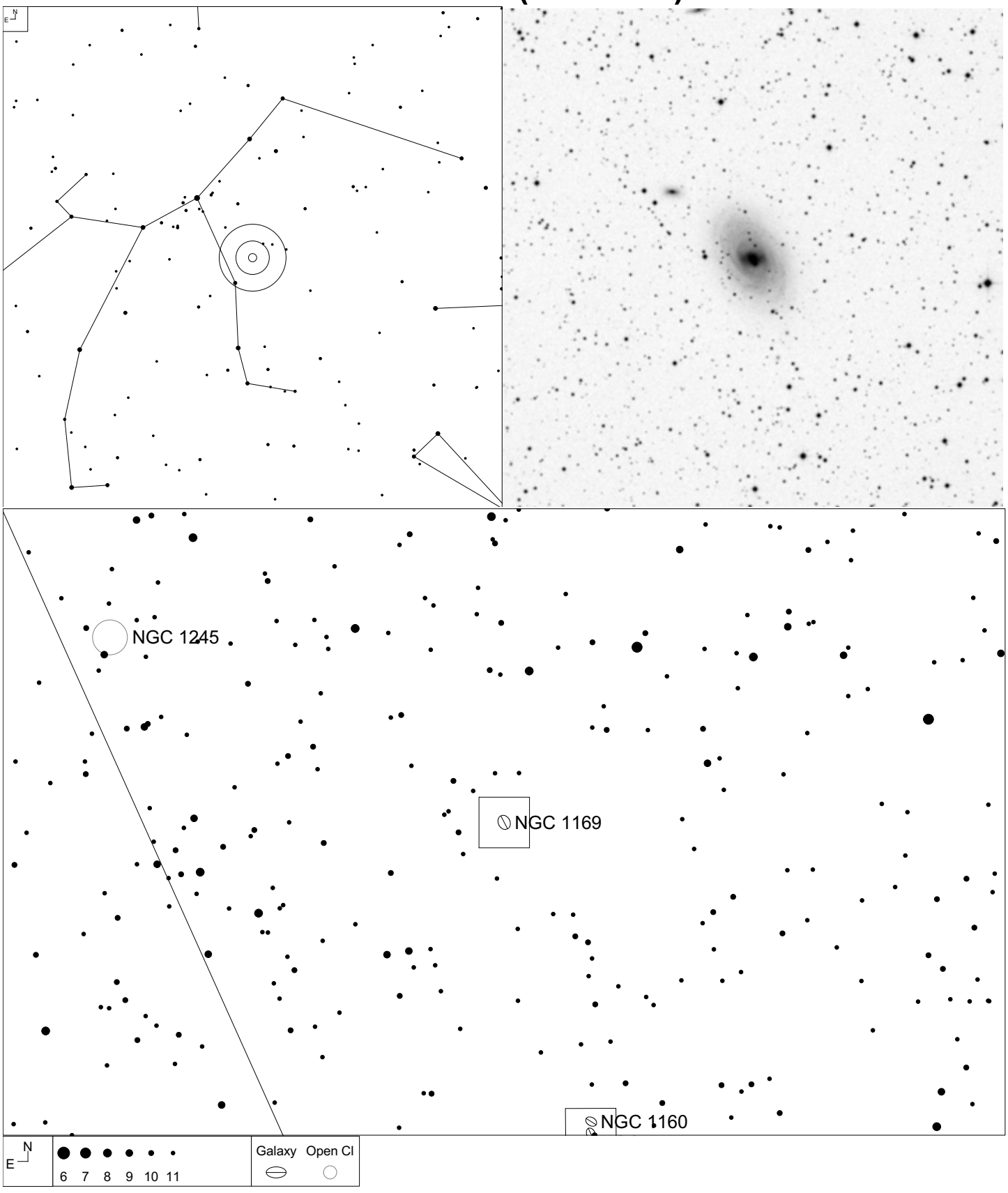






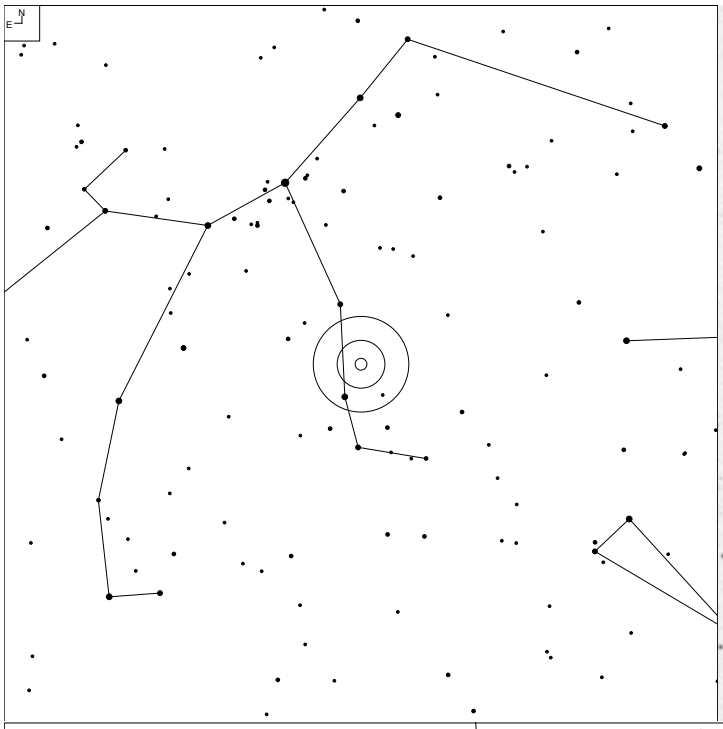
Herschel	RA	Dec	Mag	Size	Type
H II 239	03 01 14.2	+44 53 50	12.1b	2.8 x 2.0’	G S0

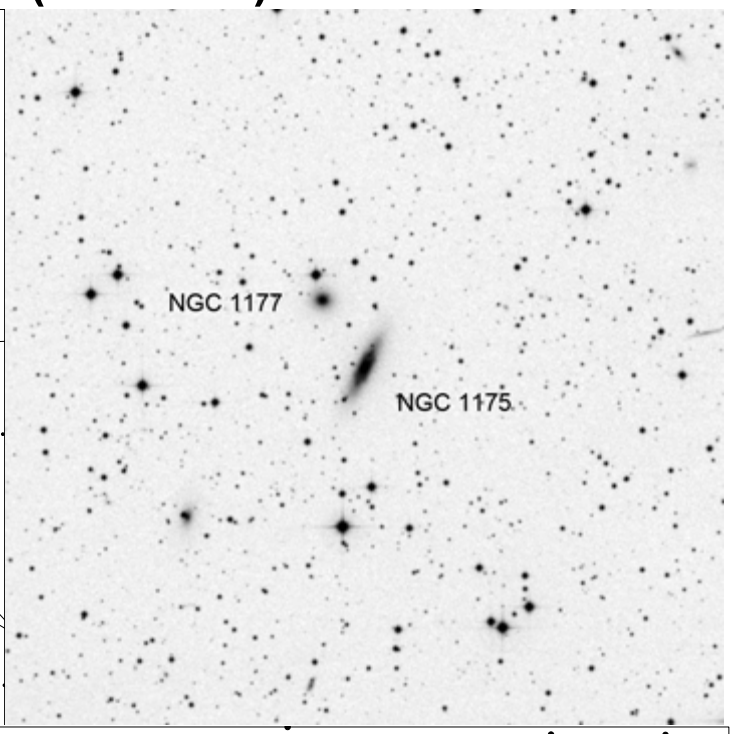
NGC 1169 (Perseus)

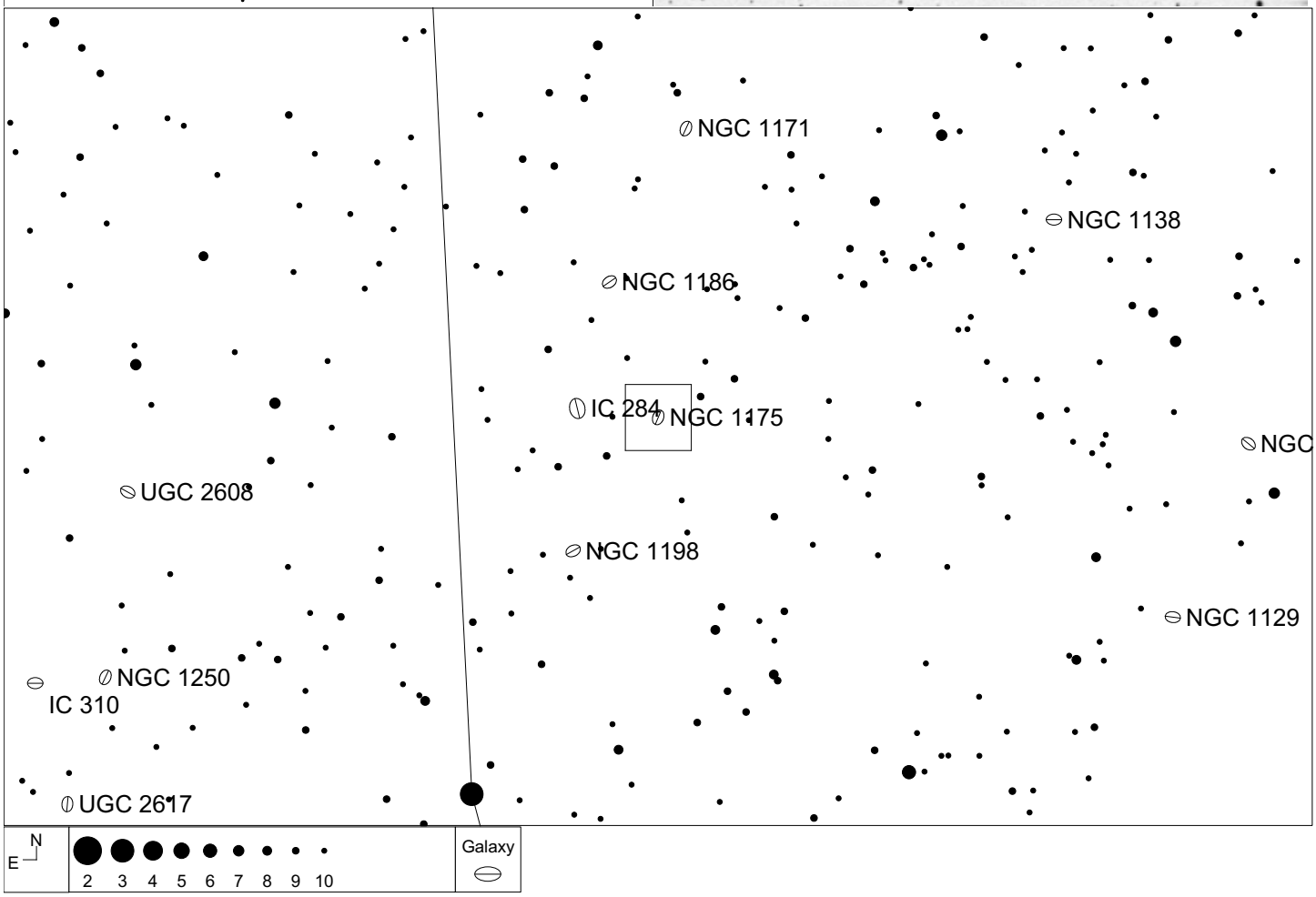


Herschel	RA	Dec	Mag	Size	Type
H II 620	03 03 34.7	+46 23 09	12.2b	4.2 x 2.8’	G SAB(r)b

NGC 1175 (Perseus)

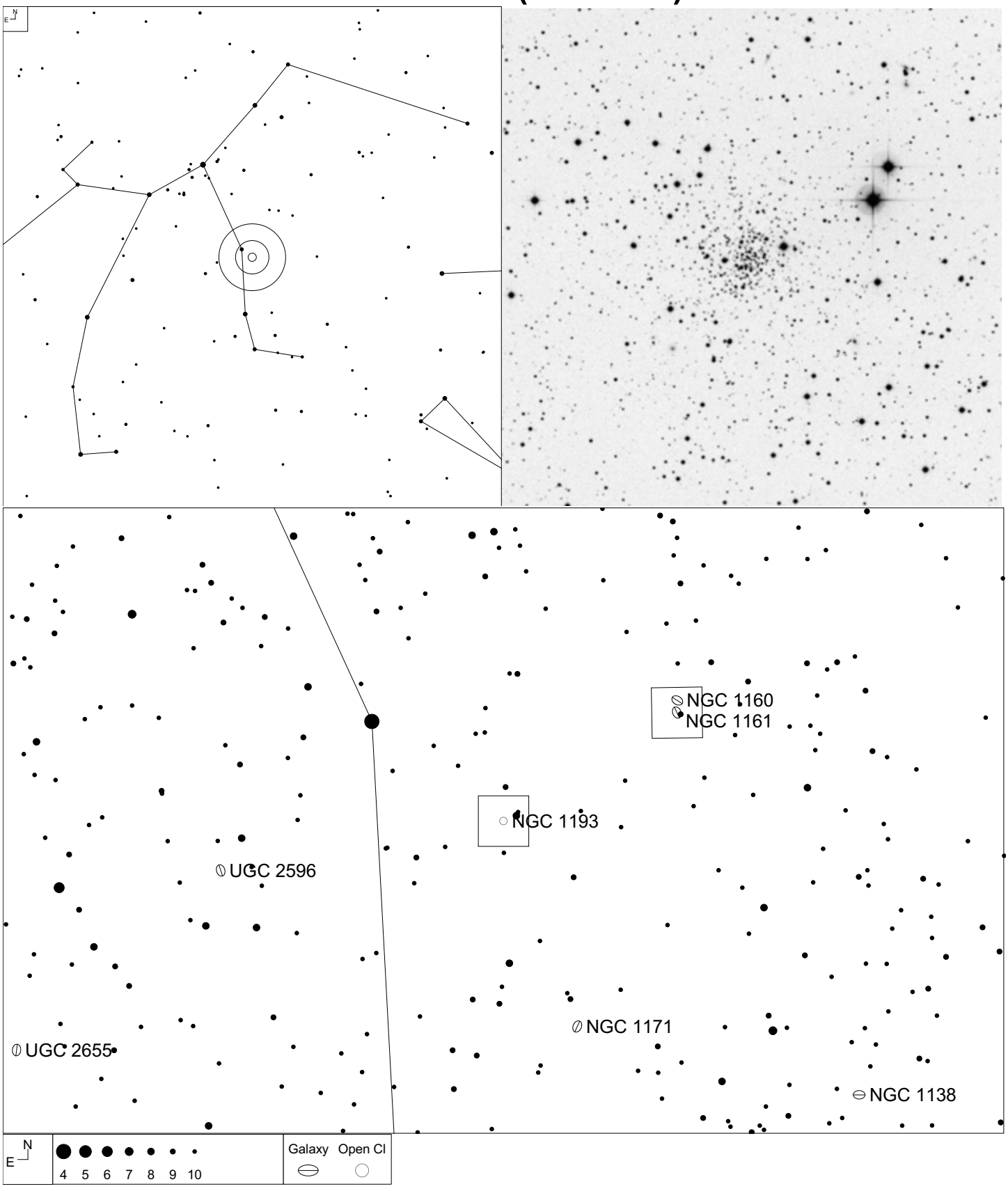






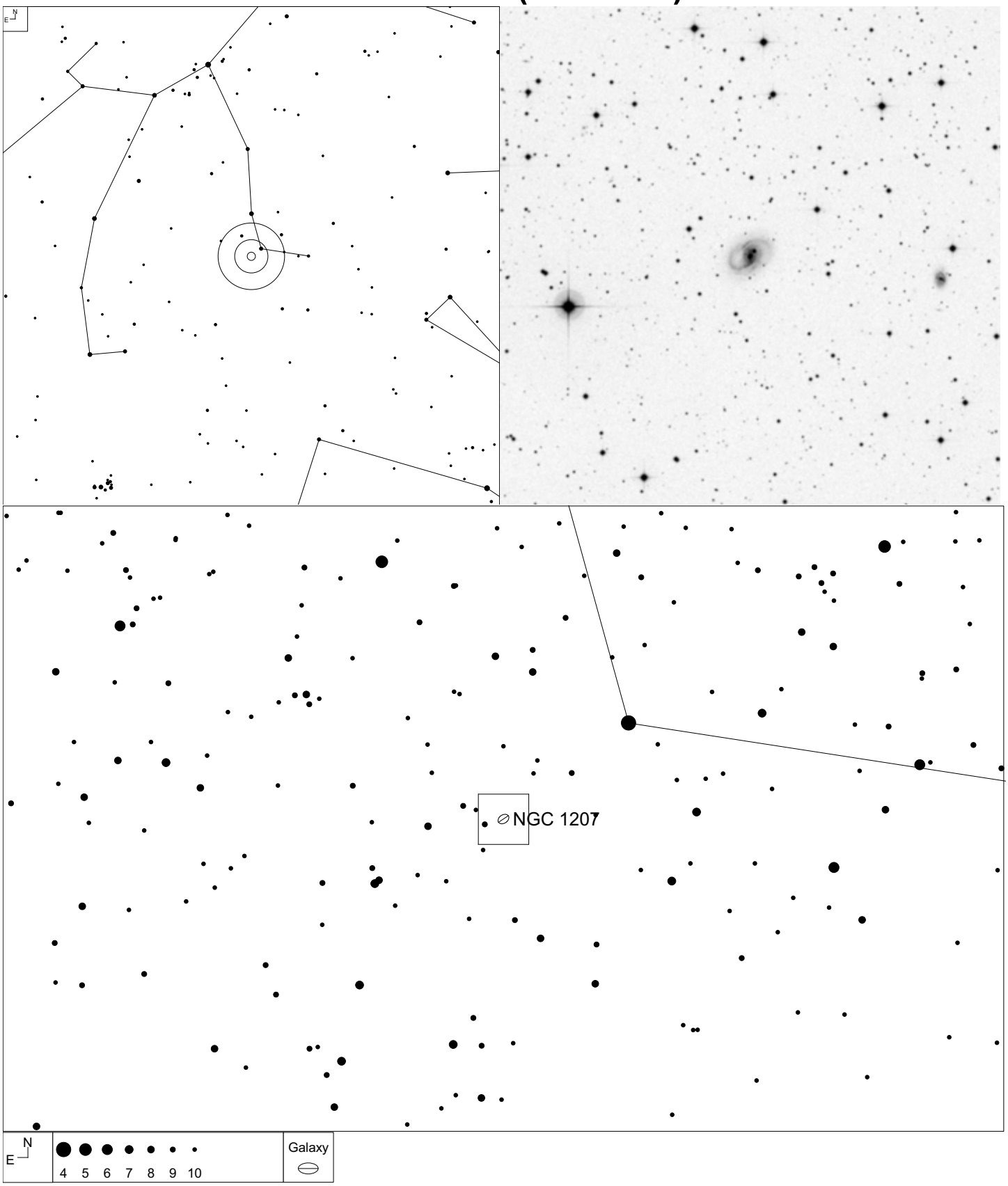
Herschel	RA	Dec	Mag	Size	Type
H II 607	03 04 32.3	+42 20 22	13.9b	2.4 x 0.8’	G SA(r)0+

NGC 1193 (Perseus)



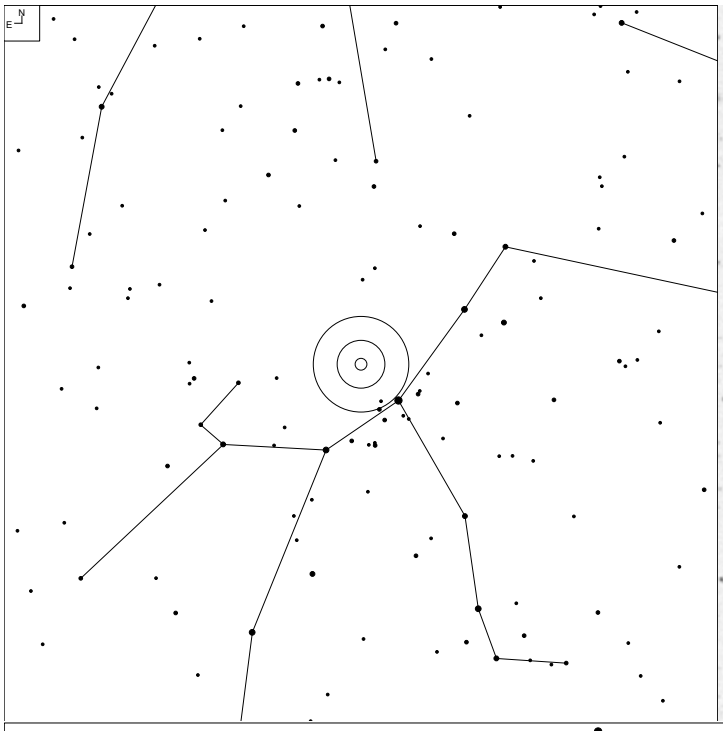
Herschel	RA	Dec	Mag	Size	Type
H II 608	03 05 56	+44 23 00	12.6	1.5’	OC I 2 m

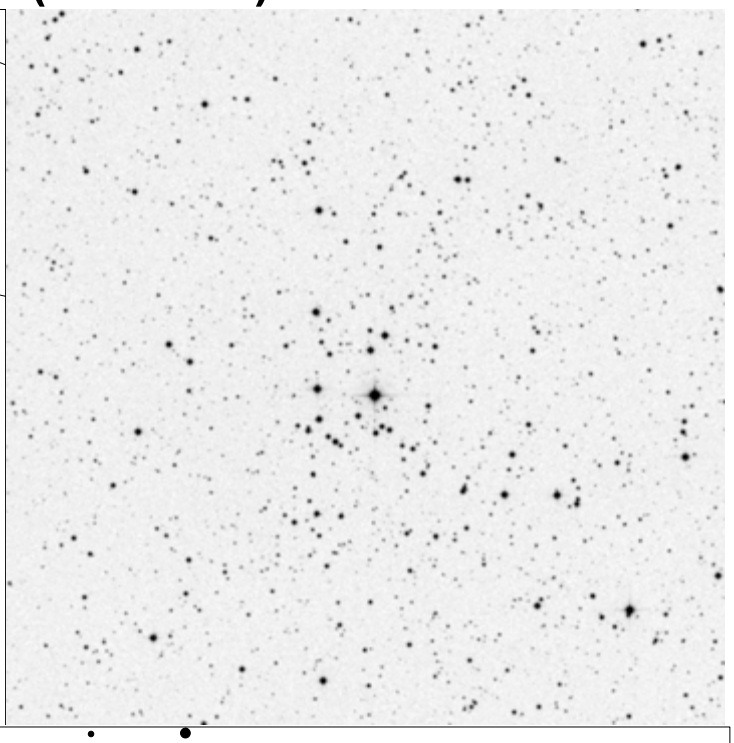
NGC 1207 (Perseus)

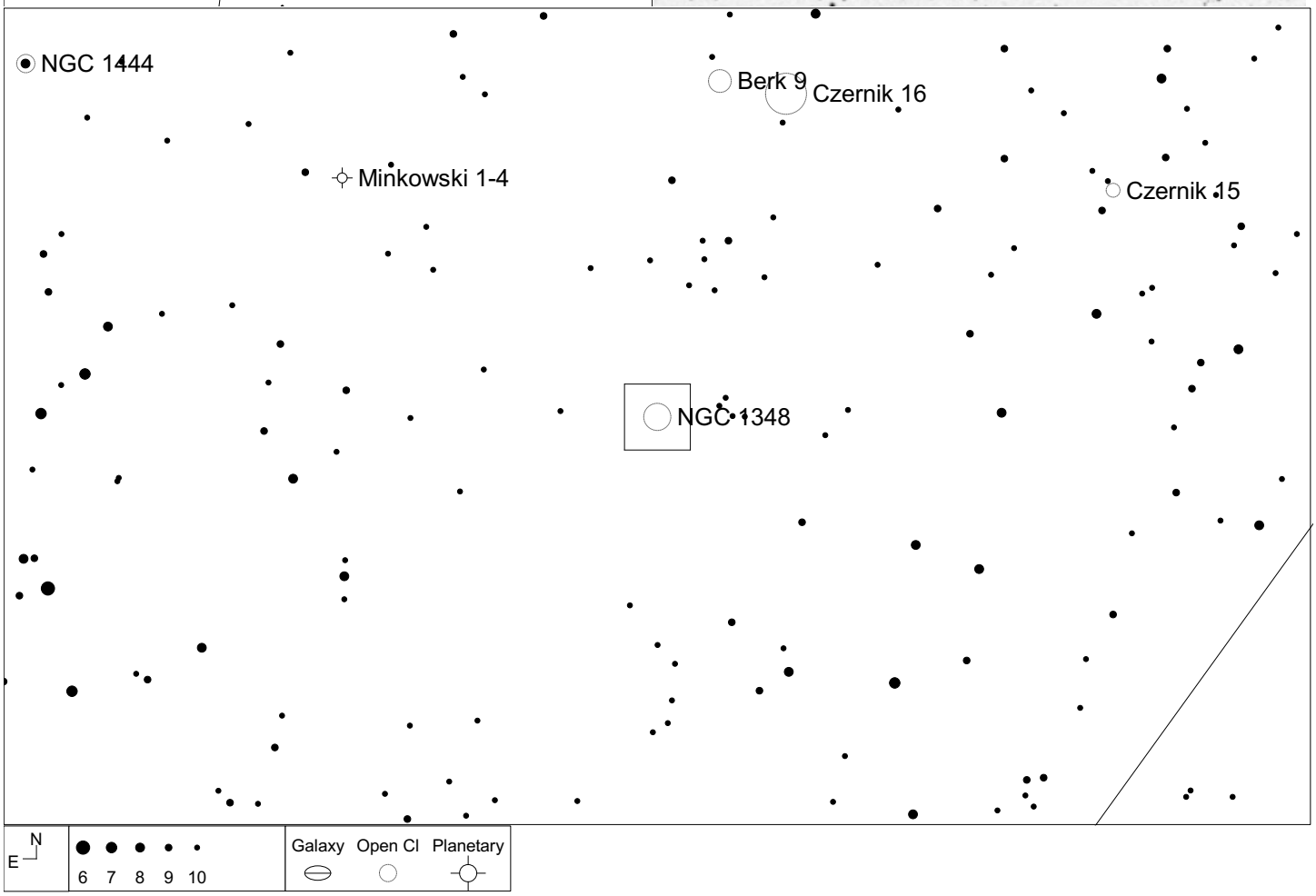


Herschel	RA	Dec	Mag	Size	Type
H III 578	03 08 15.3	+38 22 58	13.4p	2.2 x 1.5’	G SA(rs)b

NGC 1348 (Perseus)

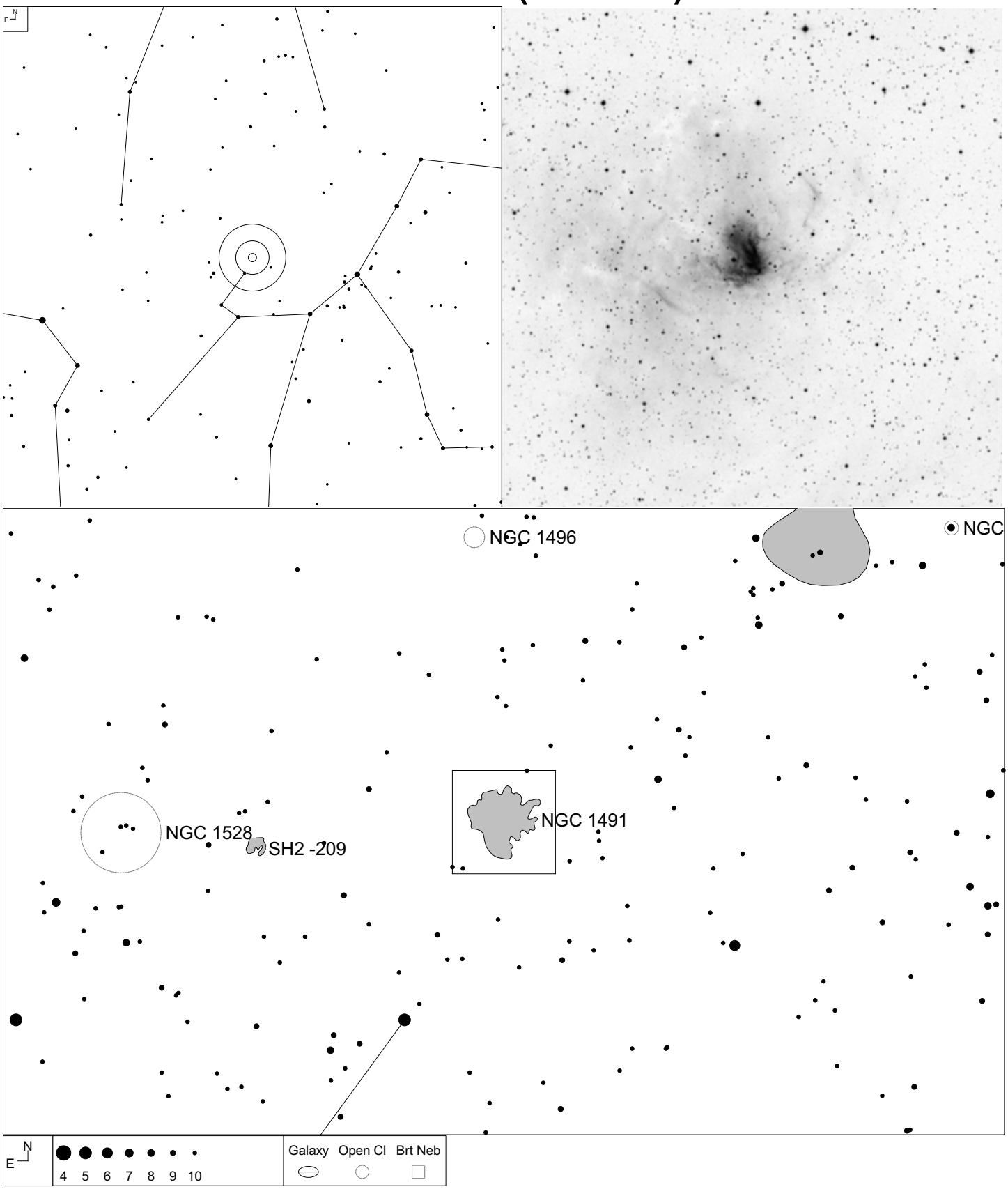






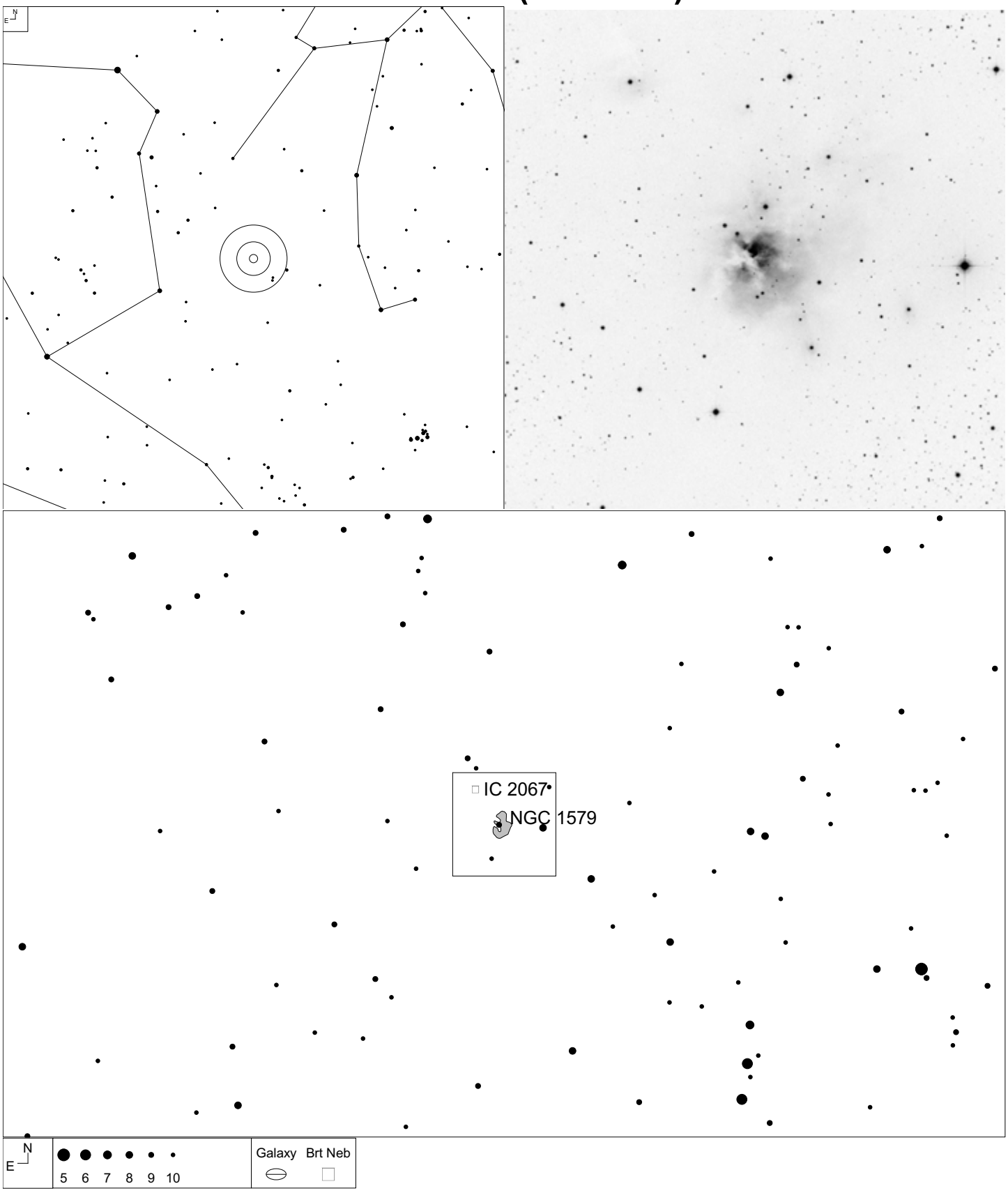
Herschel	RA	Dec	Mag	Size	Type
H VIII 84	03 34 09	+51 25 12	-	6’	OC III 2 m

NGC 1491 (Perseus)



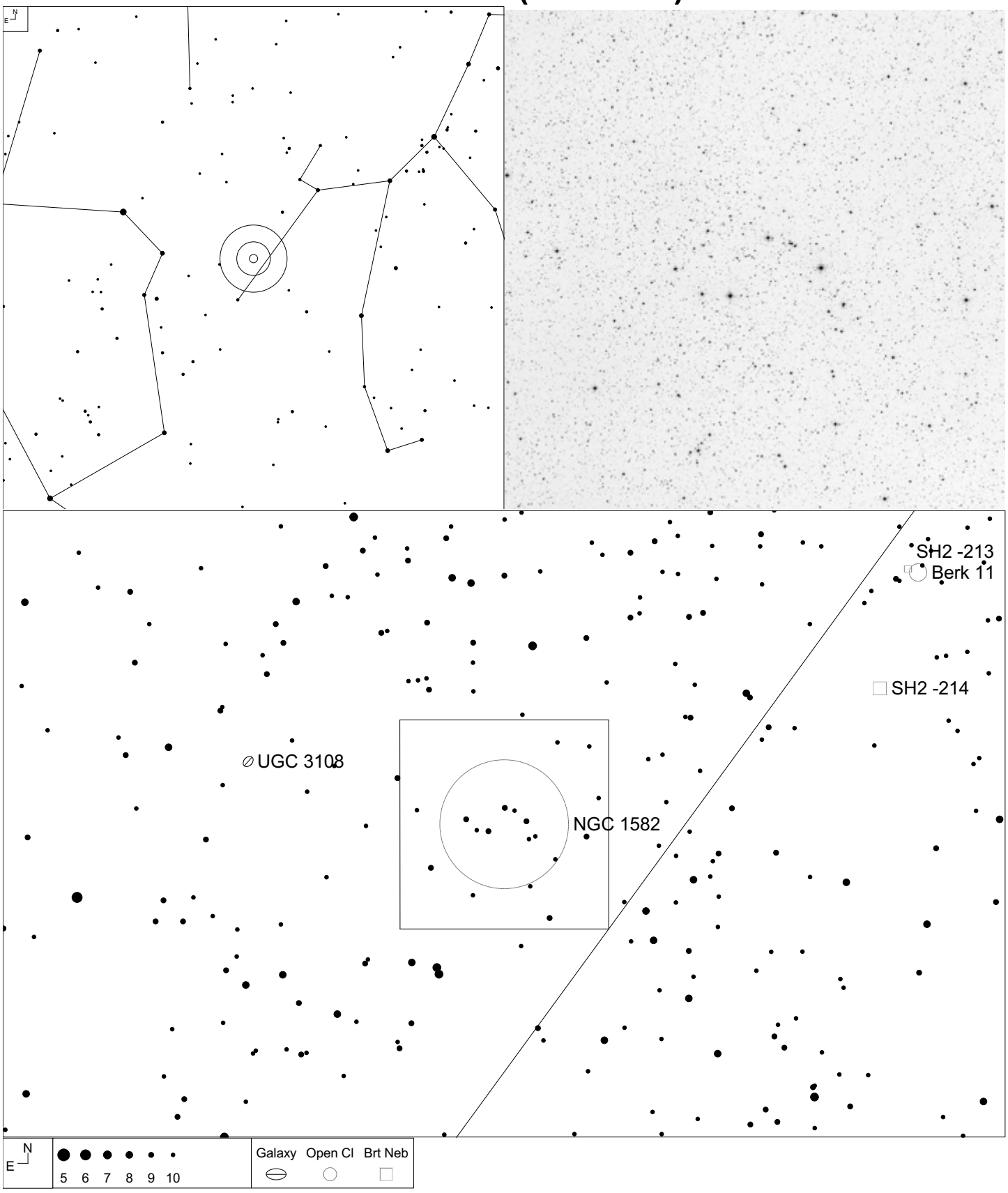
Herschel	RA	Dec	Mag	Size	Type
H I 258	04 03 13.6	+51 18 58	-	21’	EN

NGC 1579 (Perseus)



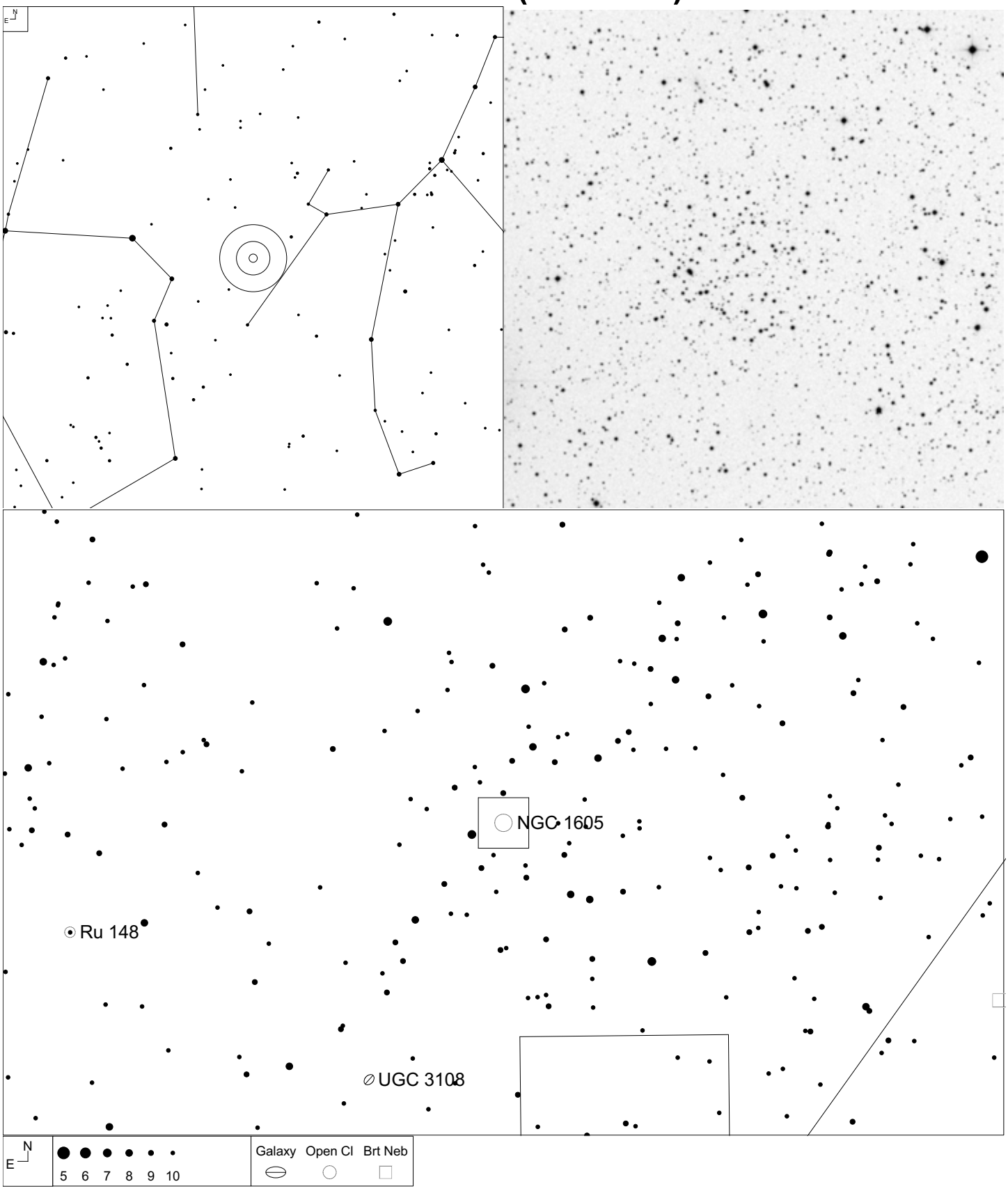
Herschel	RA	Dec	Mag	Size	Type
H I 217	04 30 14.3	+35 16 47	-	7.8 x 5.4’	RN

NGC 1582 (Perseus)



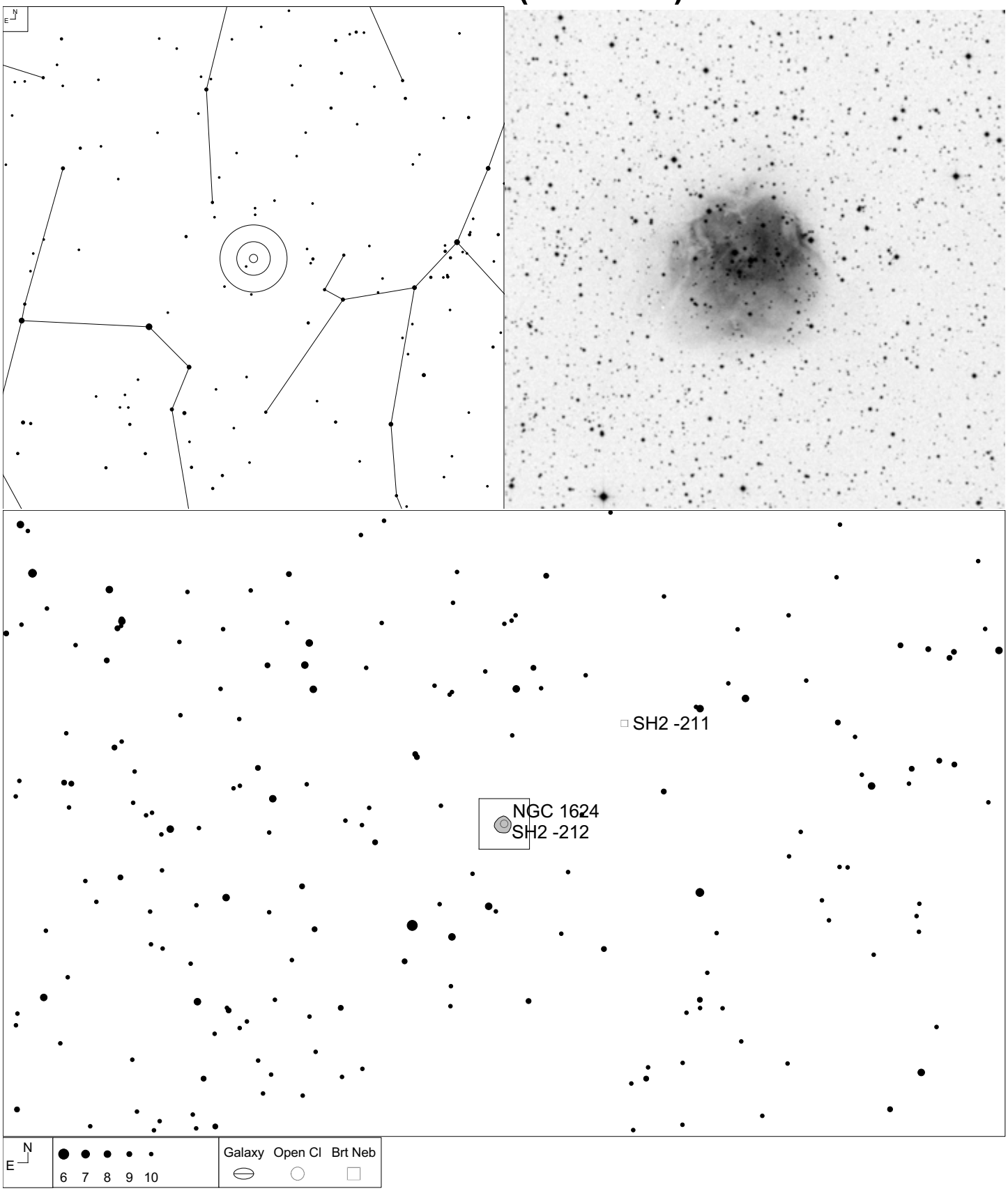
Herschel	RA	Dec	Mag	Size	Type
H VIII 70	04 31 39	+43 45 00	7.0	37’	OC IV 2 p

NGC 1605 (Perseus)



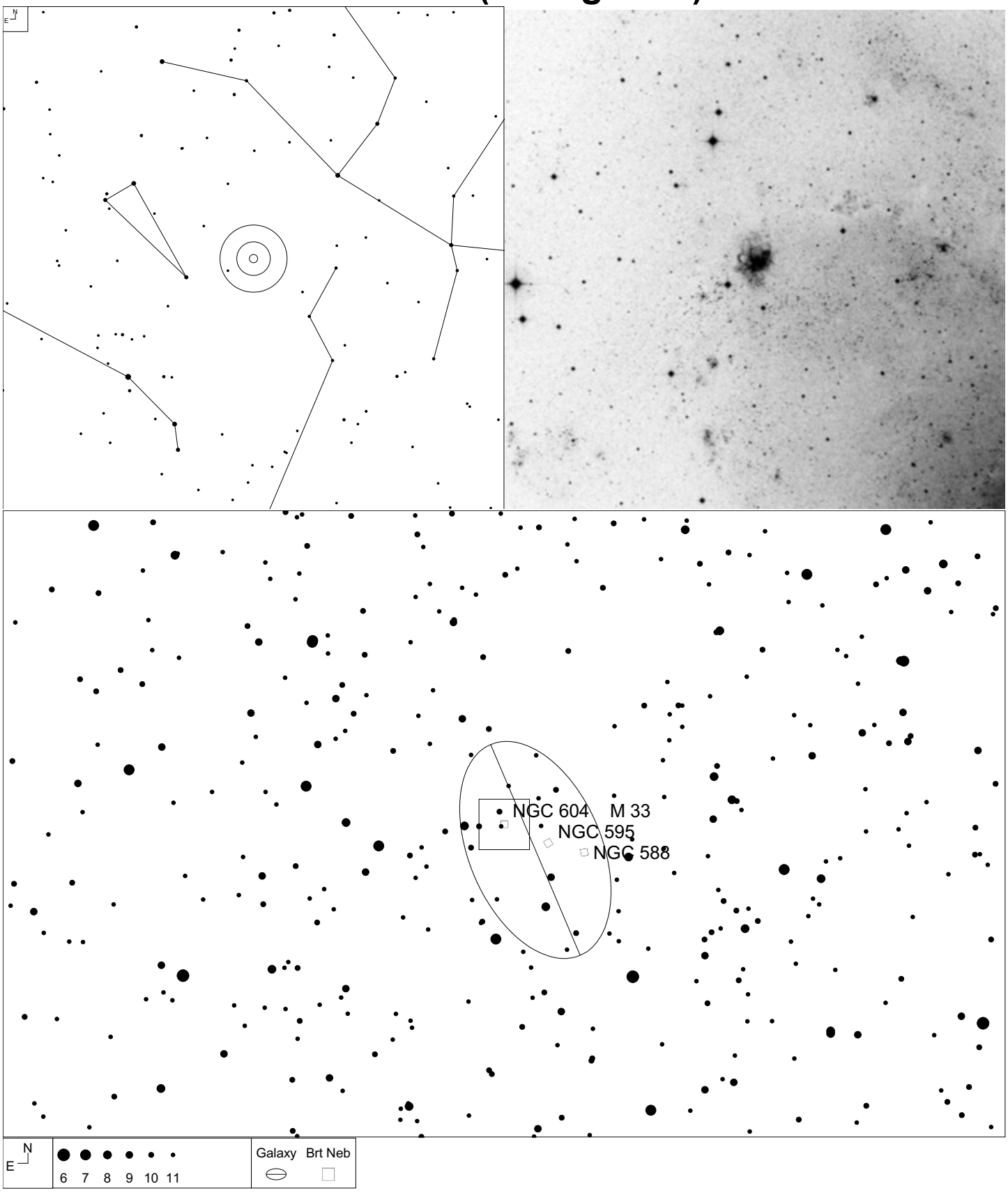
Herschel	RA	Dec	Mag	Size	Type
H VI 26	04 34 52	+45 16 18	10.7	5’	OC III 1 m

NGC 1624 (Perseus)



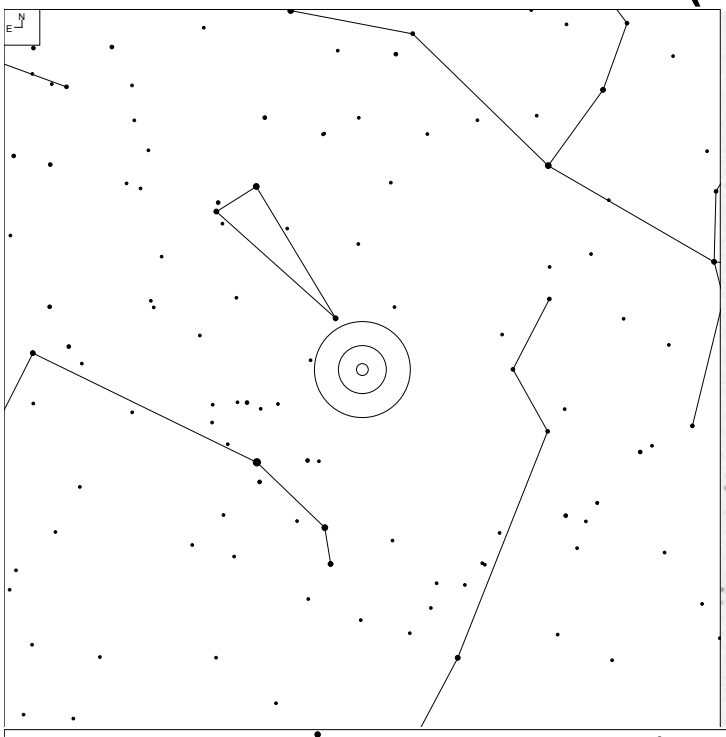
Herschel	RA	Dec	Mag	Size	Type
H V 49	04 40 37.2	+50 27 41	11.8	1.9’	EN / OC II 1 p n

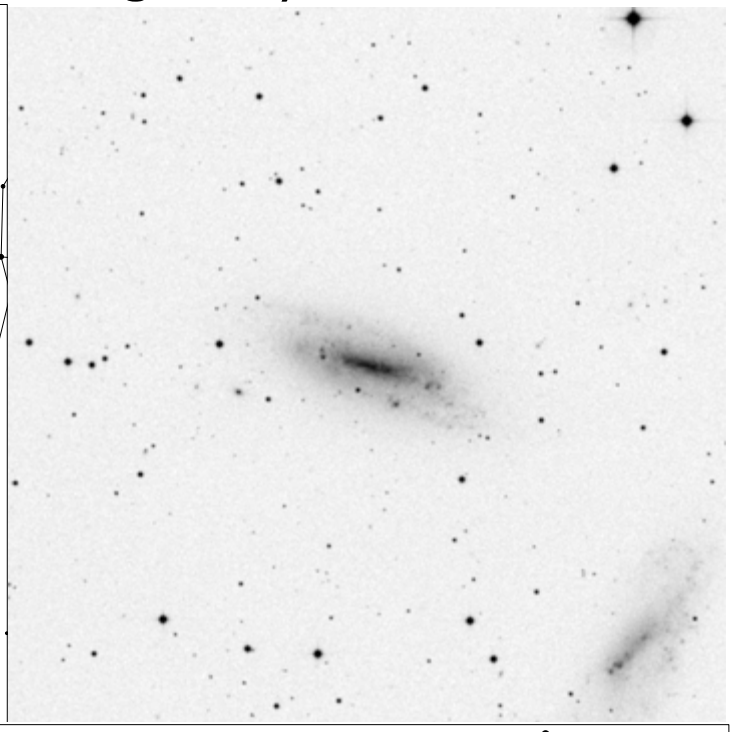
NGC 604 (Triangulum)

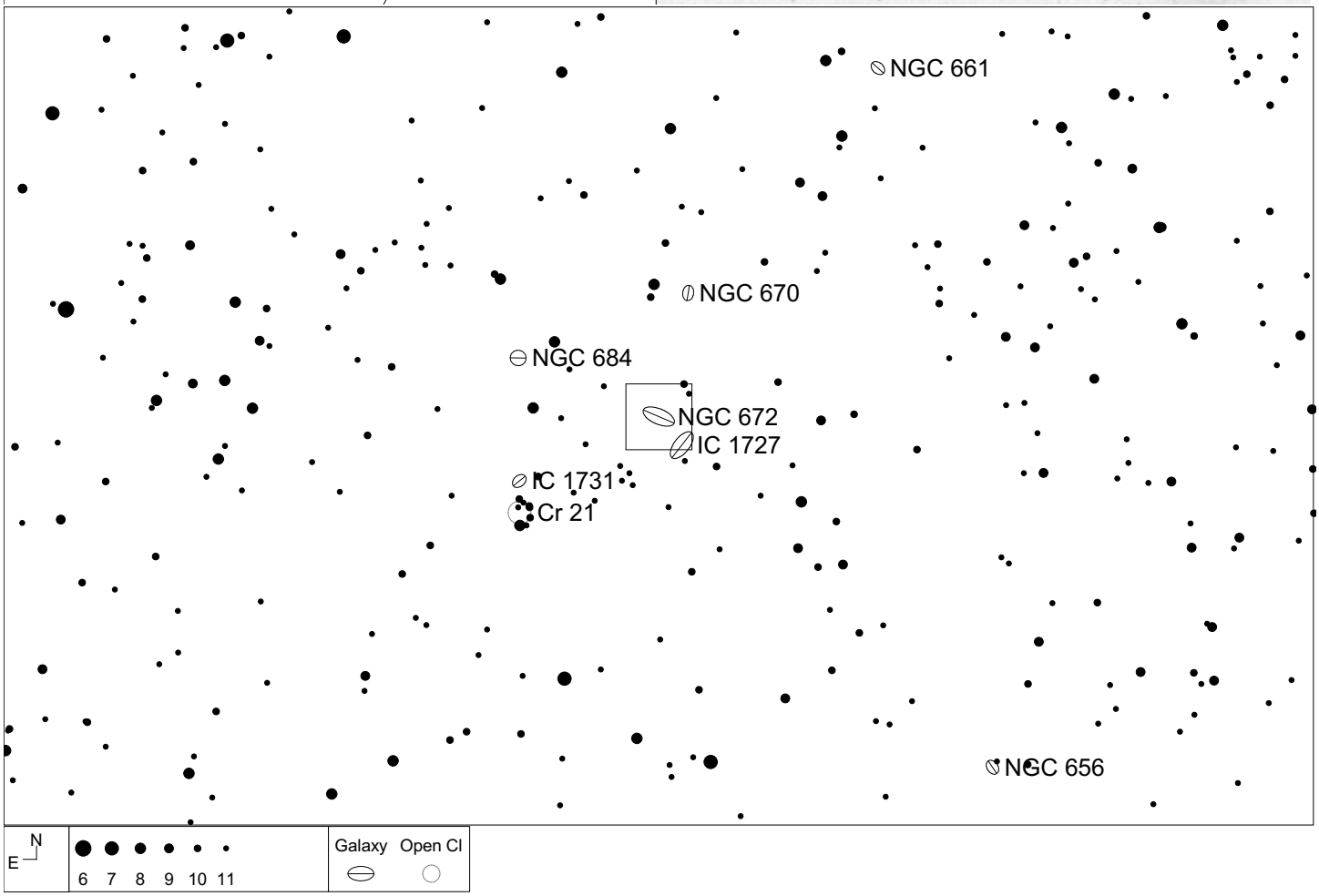


Herschel	RA	Dec	Mag	Size	Type
H III 150	01 34 31.9	+30 47 13	-	1.5’	M33-KNT

NGC 672 (Triangulum)

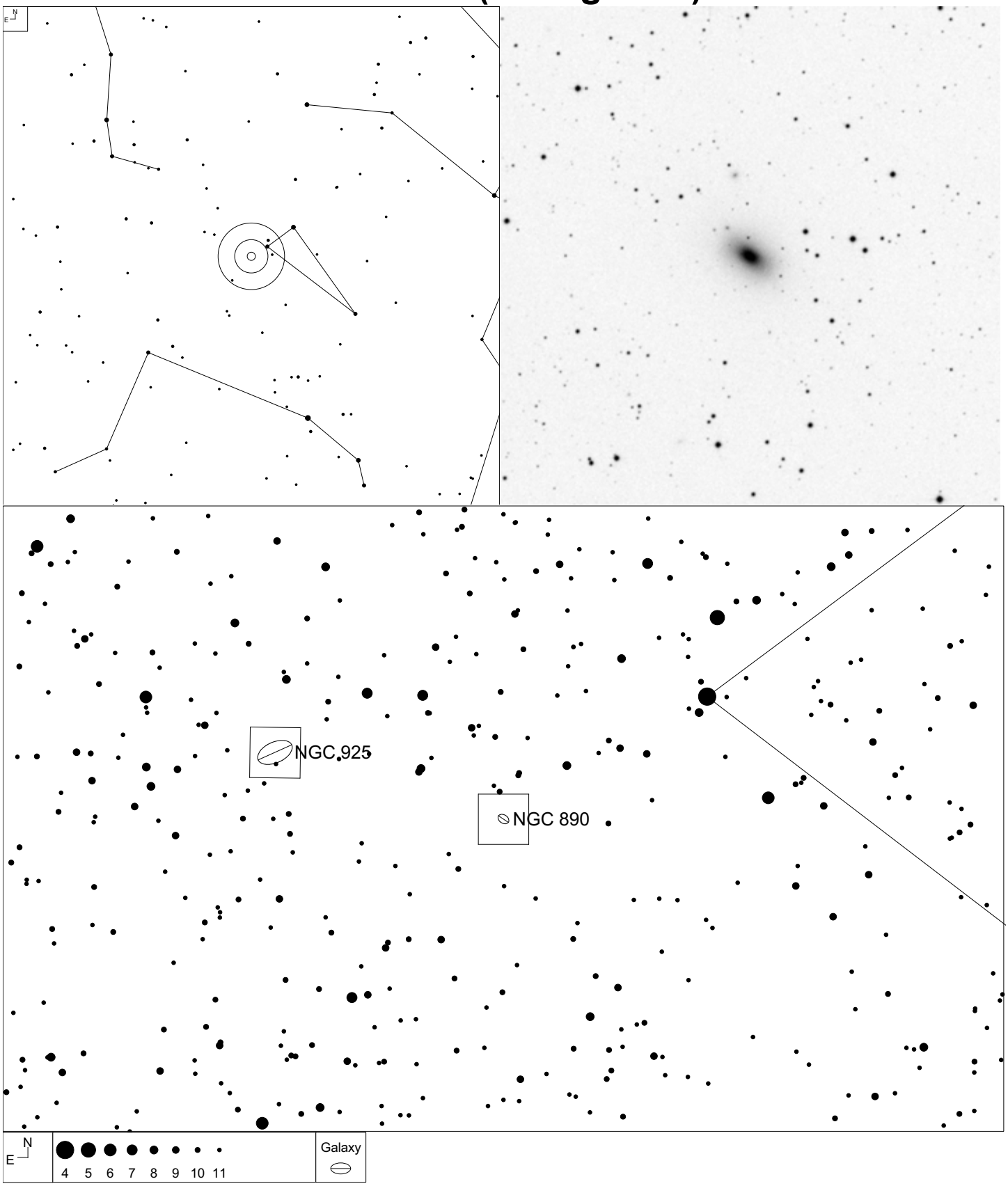






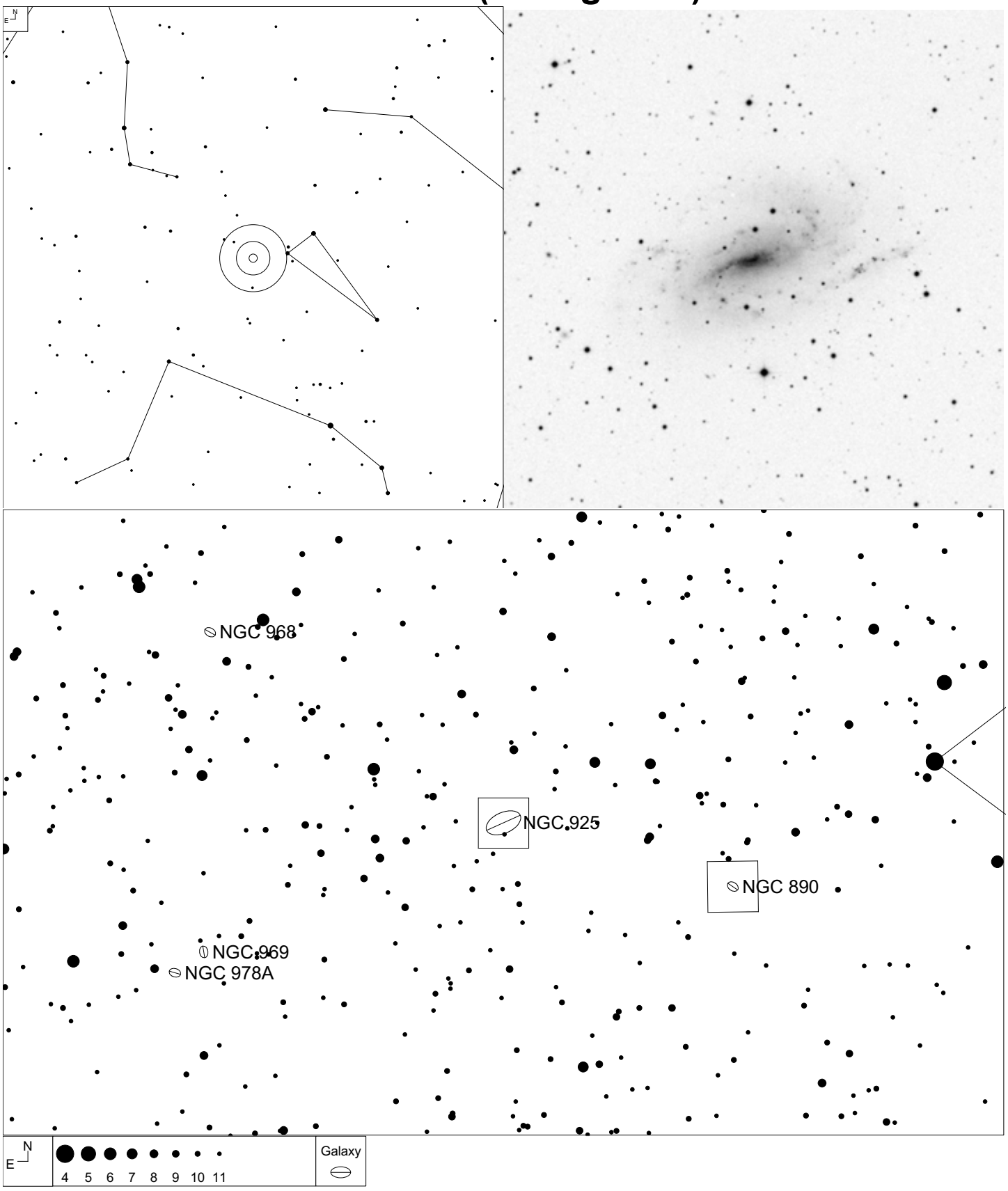
Herschel	RA	Dec	Mag	Size	Type
H I 157	01 47 53.9	+27 25 56	11.5b	7.3 x 2.5’	G SB(s)cd

NGC 890 (Triangulum)



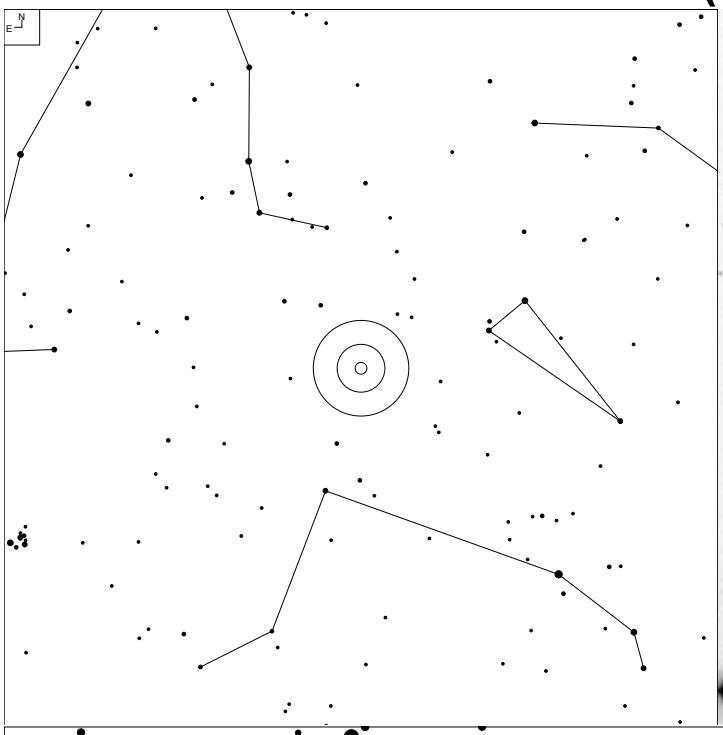
Herschel	RA	Dec	Mag	Size	Type
H II 225	02 22 01.0	+33 15 58	12.2b	2.7 x 1.8’	G SAB(r)0-?

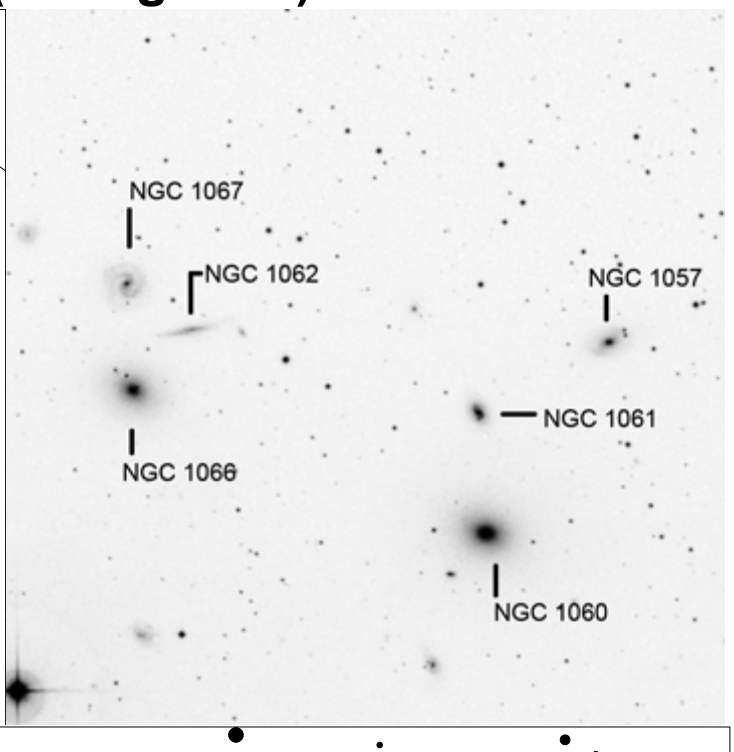
NGC 925 (Triangulum)

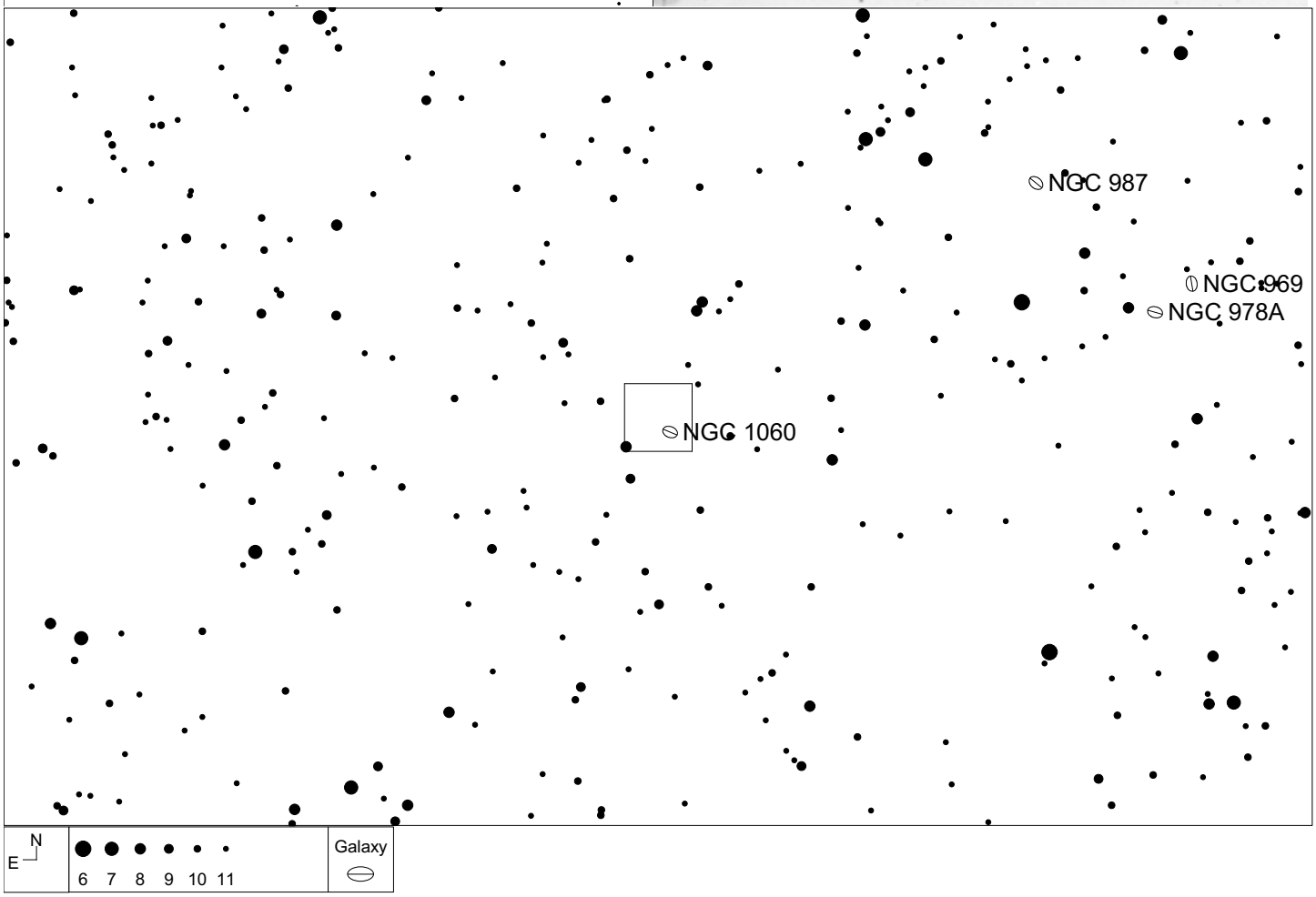


Herschel	RA	Dec	Mag	Size	Type
H III 177	02 27 17.0	+33 34 43	10.7b	10.5x 5.9’	G SAB(s)d

NGC 1060 (Triangulum)

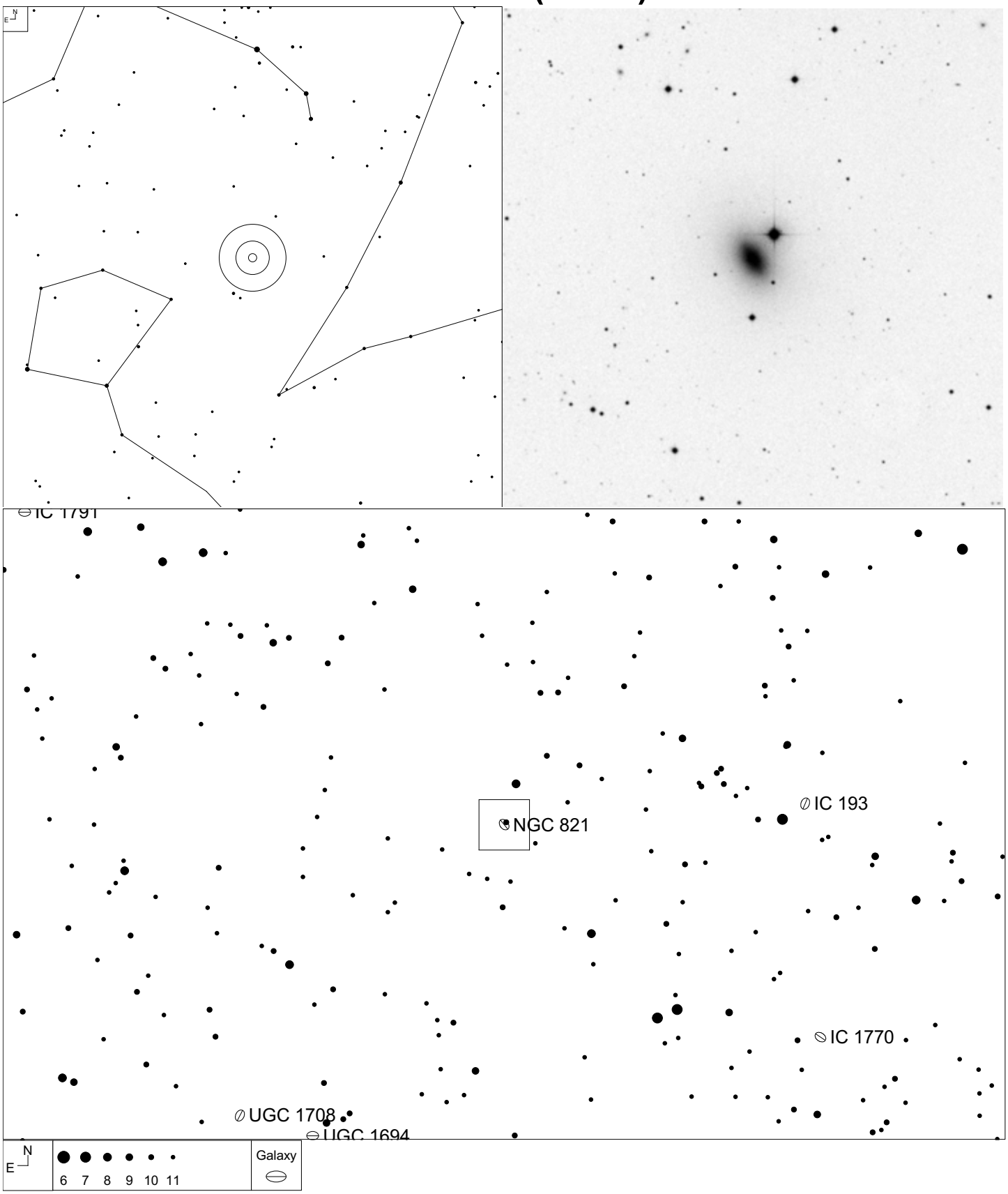






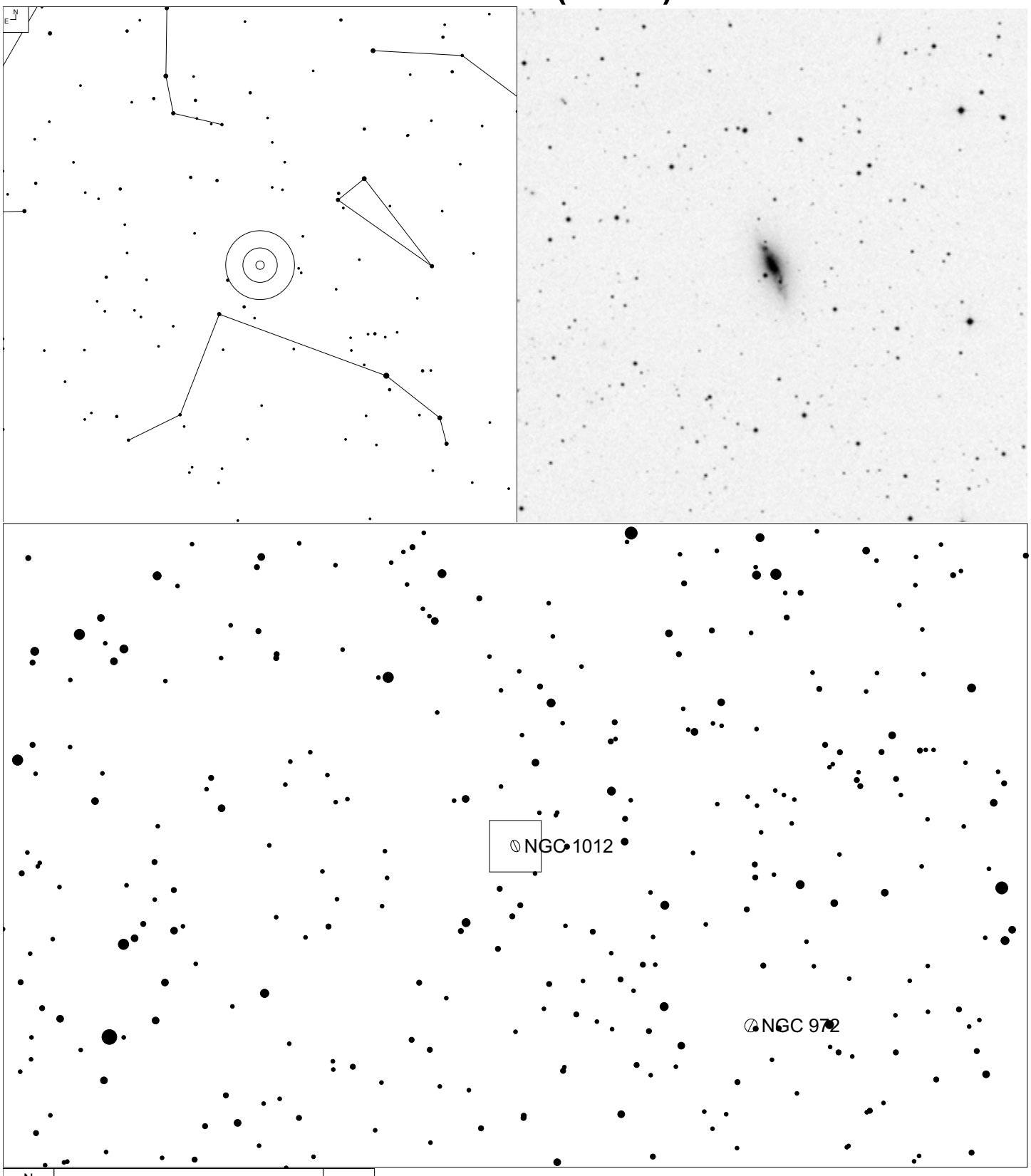
Herschel	RA	Dec	Mag	Size	Type
H III 162	02 43 15.1	+32 25 30	11.8v	2.3 x 1.7’	G S0-

NGC 821 (Aries)



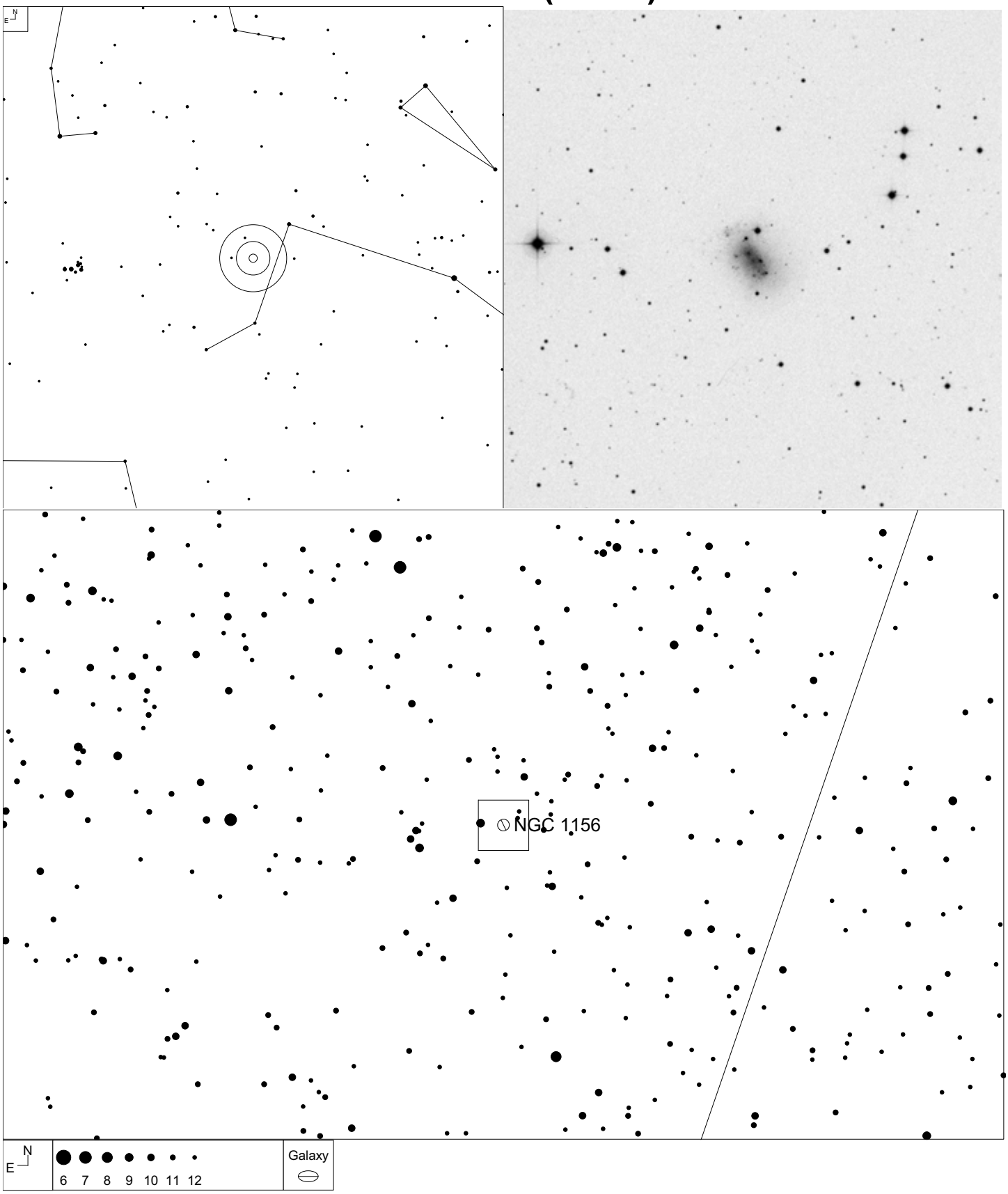
Herschel	RA	Dec	Mag	Size	Type
H I 152	02 08 21.1	+10 59 41	11.7b	2.5 x 1.5’	G E6?

NGC 1012 (Aries)



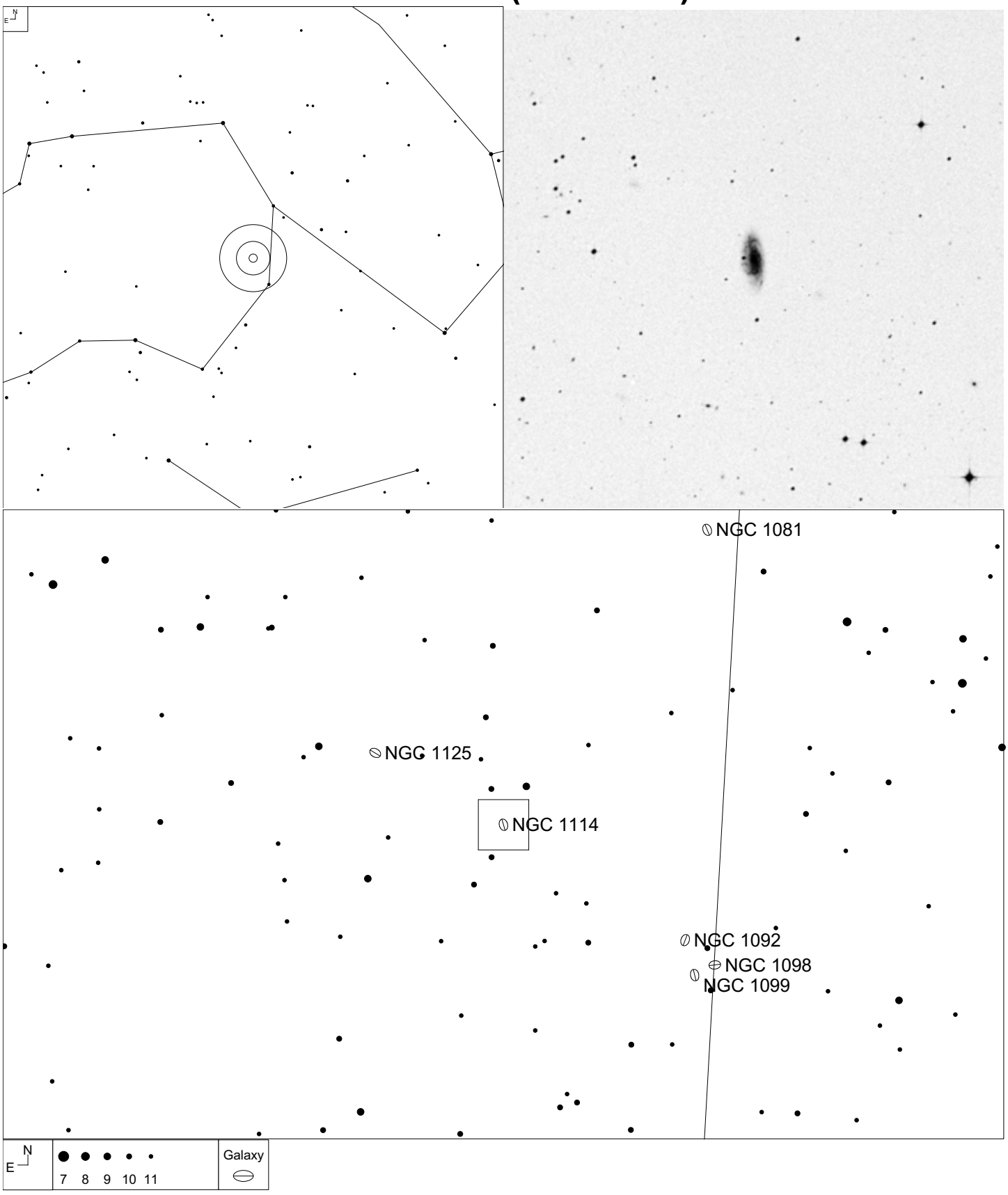
Herschel	RA	Dec	Mag	Size	Type
H III 152	02 39 14.9	+30 09 05	13.0p	3.1 x 1.5’	G S0/a?

NGC 1156 (Aries)



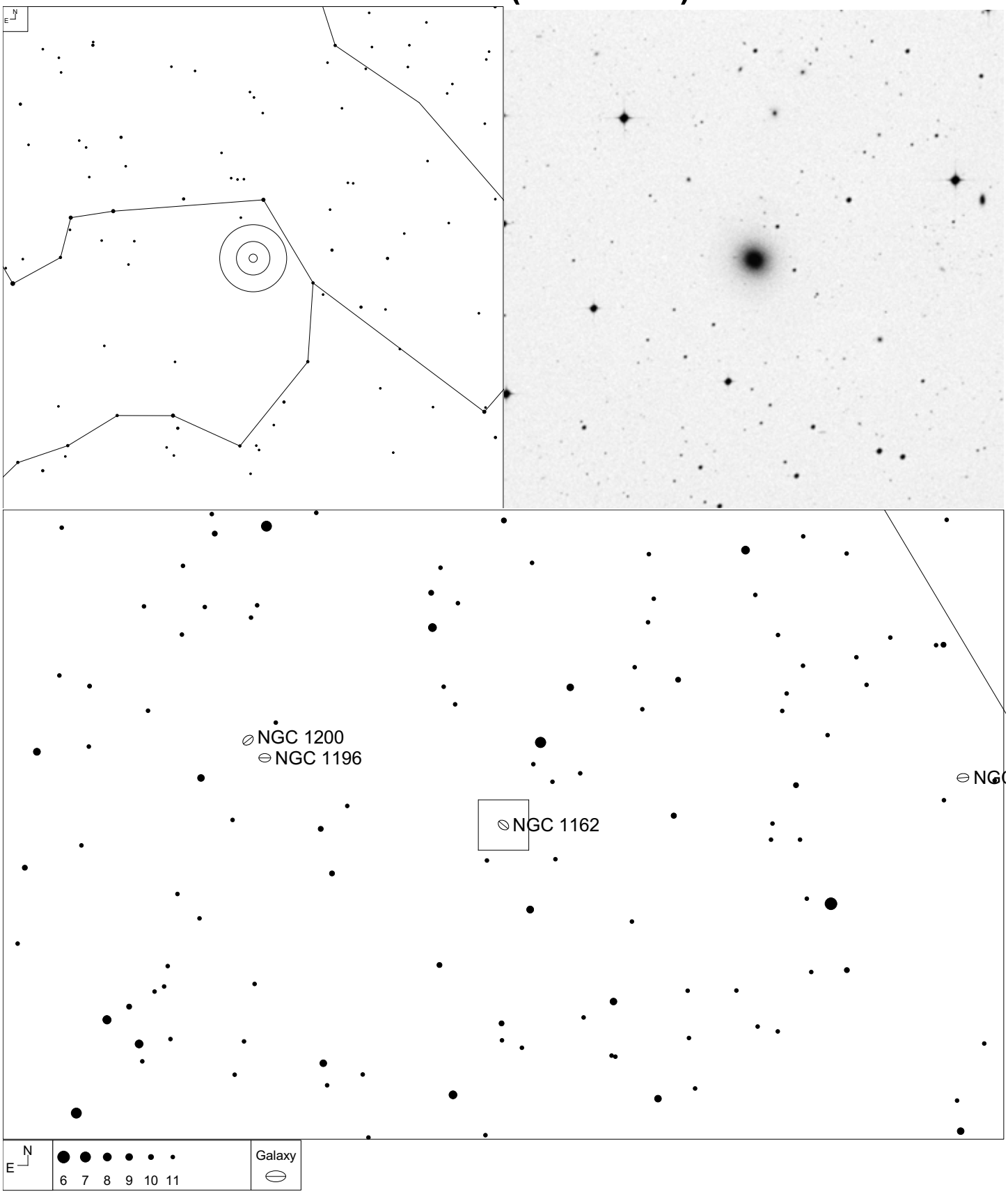
Herschel	RA	Dec	Mag	Size	Type
H II 619	02 59 42.3	+25 14 15	12.3b	3.3 x 2.4’	G IB(s)m

NGC 1114 (Eridanus)



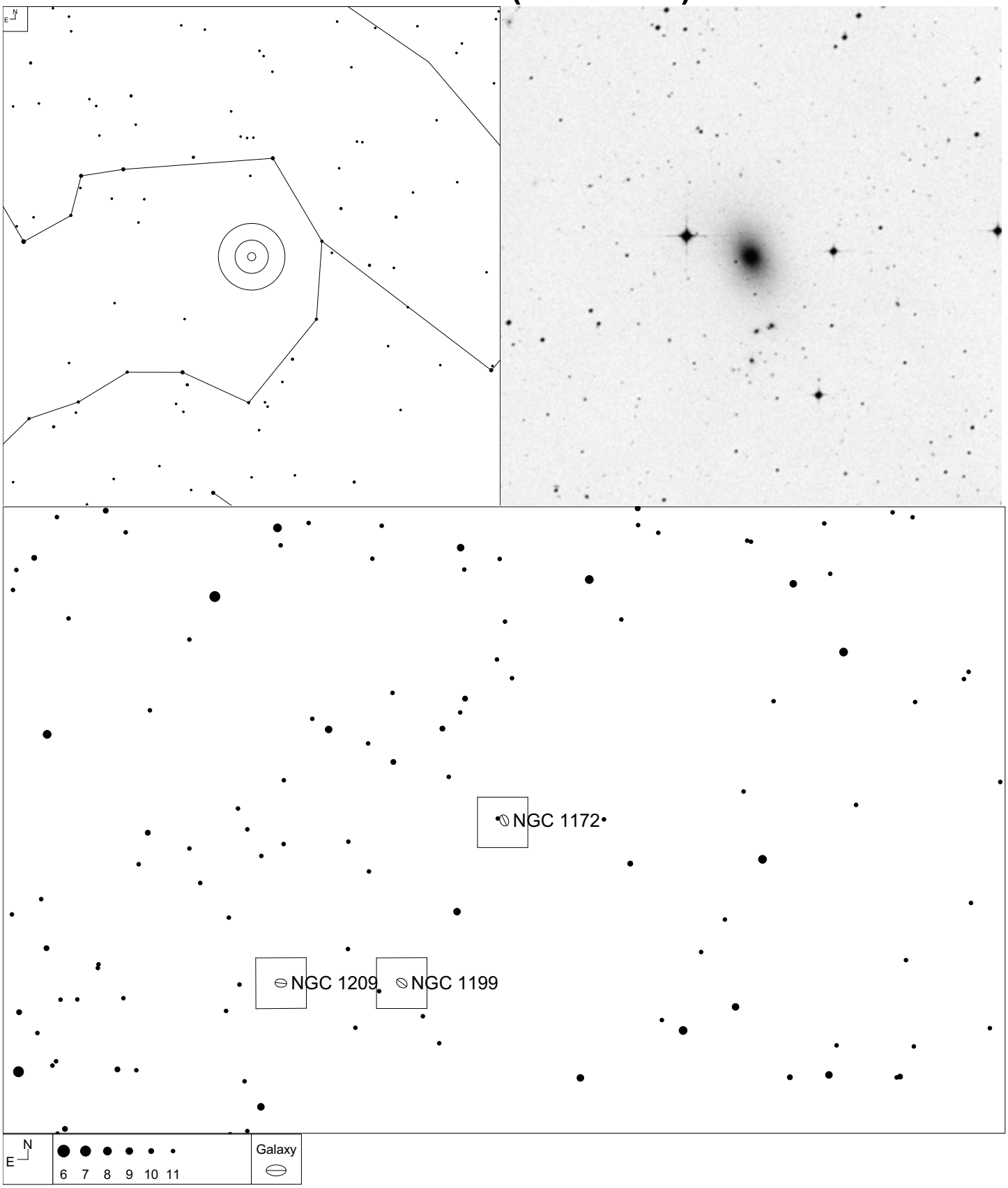
Herschel	RA	Dec	Mag	Size	Type
H III 449	02 49 07.2	-16 59 39	13.6	1.7 x 0.7’	G SA(r)c:

NGC 1162 (Eridanus)



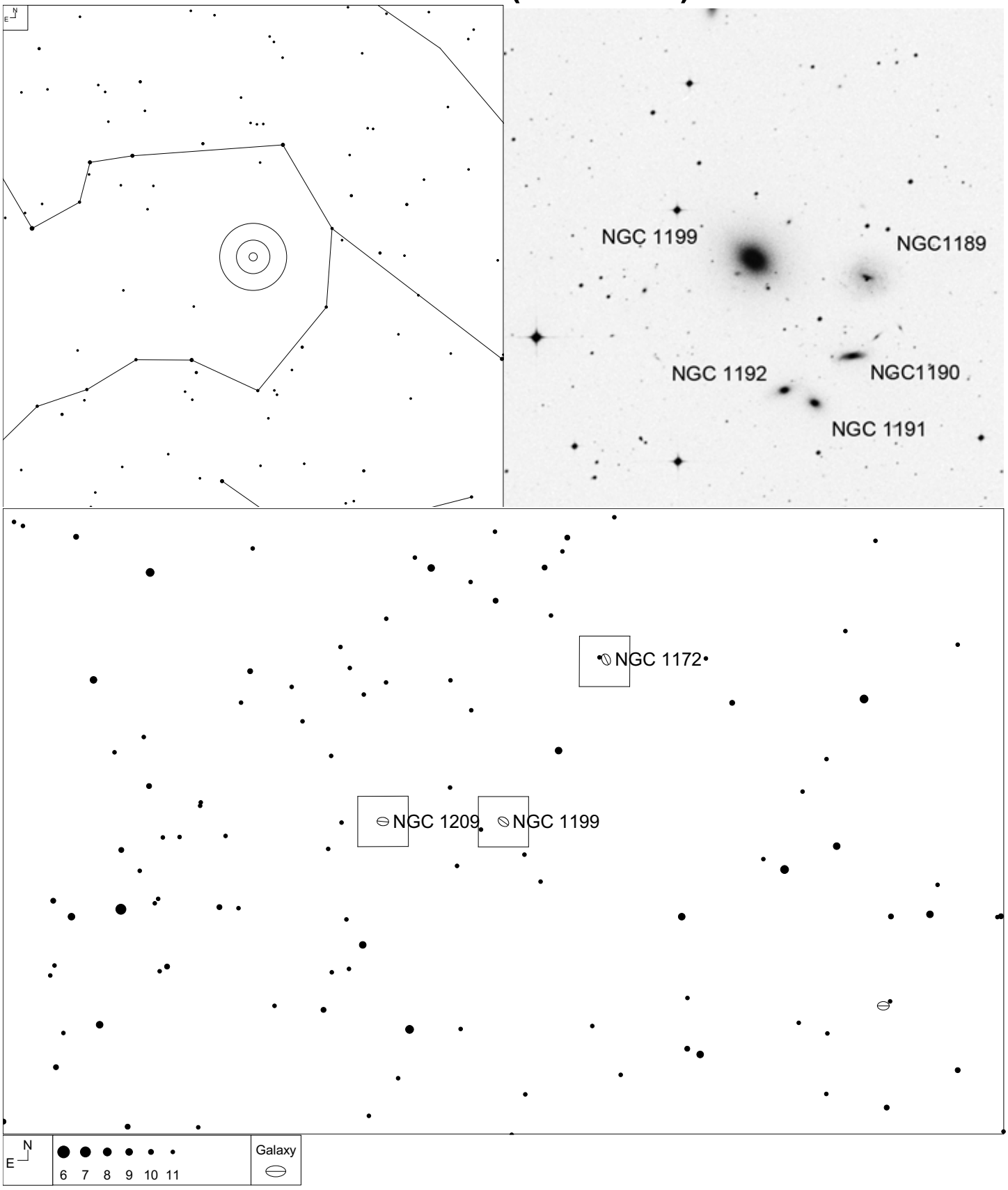
Herschel	RA	Dec	Mag	Size	Type
H III 469	02 58 55.9	-12 23 55	13.5	1.3 x 1.2’	G E:

NGC 1172 (Eridanus)



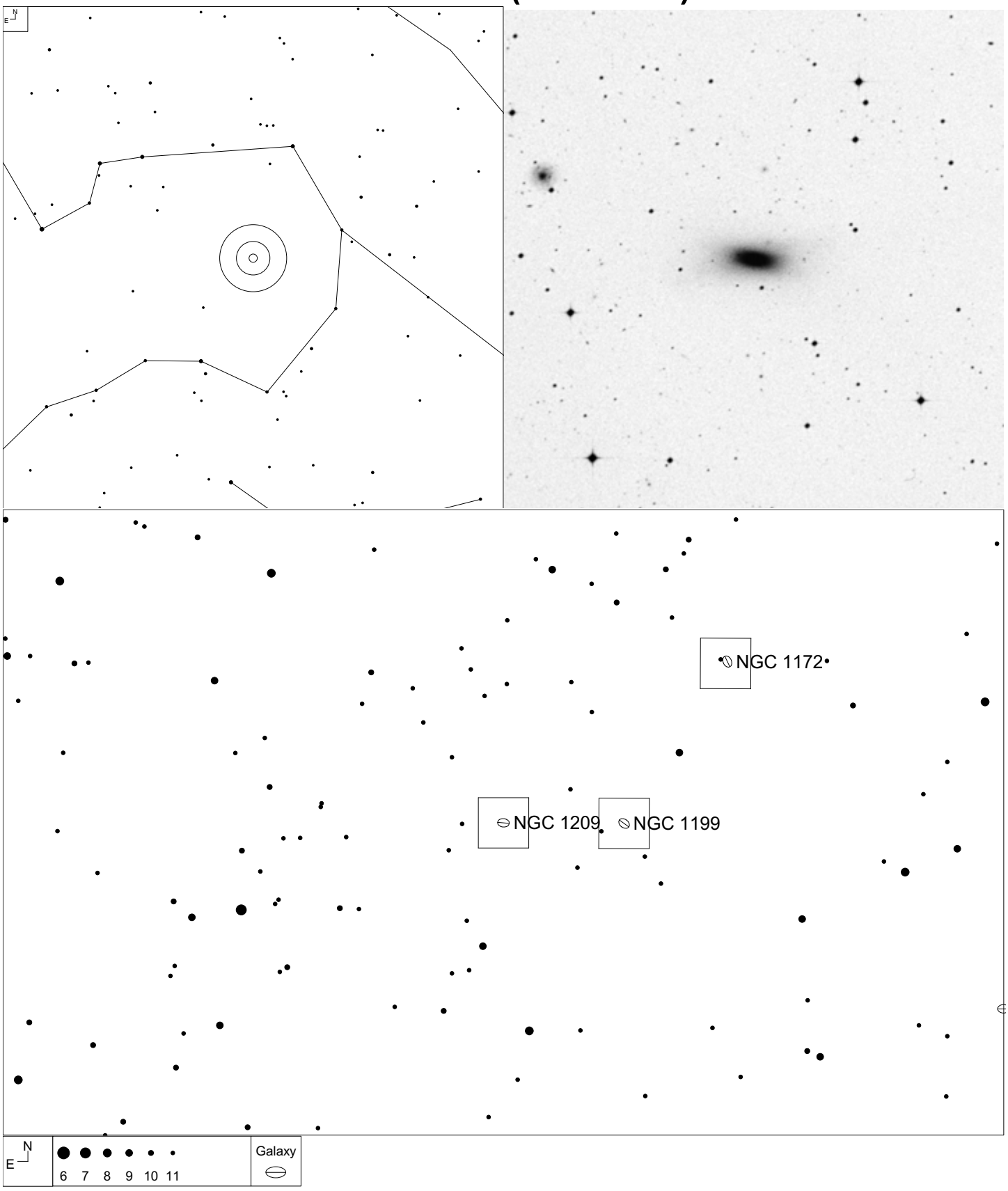
Herschel	RA	Dec	Mag	Size	Type
H II 502	03 01 36.0	-14 50 12	12.7b	2.3 x 1.7’	G E+:

NGC 1199 (Eridanus)



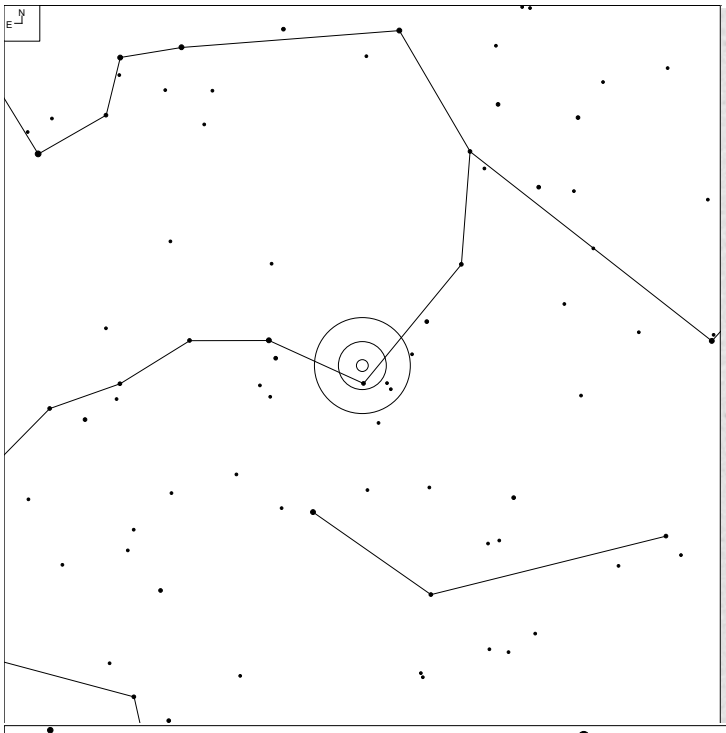
Herschel	RA	Dec	Mag	Size	Type
H II 503	03 03 38.4	-15 36 50	11.3v	2.4 x 1.9’	G E3:

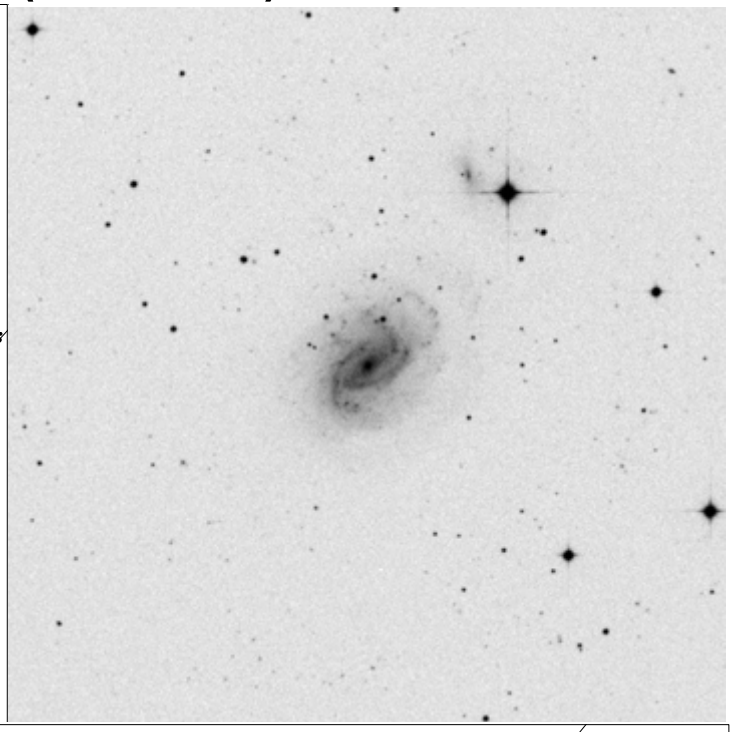
NGC 1209 (Eridanus)

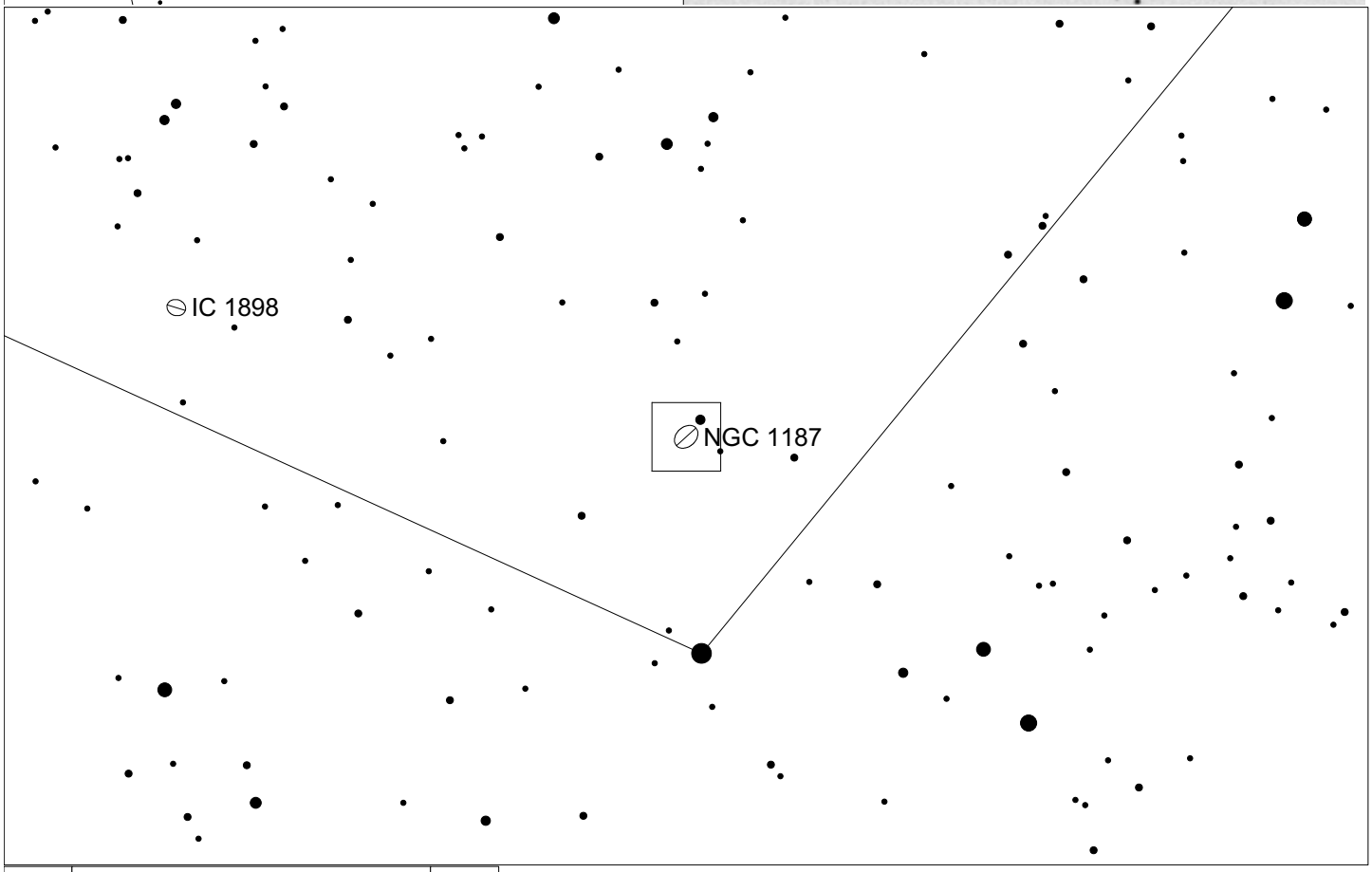


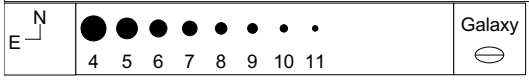
Herschel	RA	Dec	Mag	Size	Type
H II 504	03 06 03.0	-15 36 41	12.4b	2.3 x 1.1’	G E6:

NGC 1187 (Eridanus)



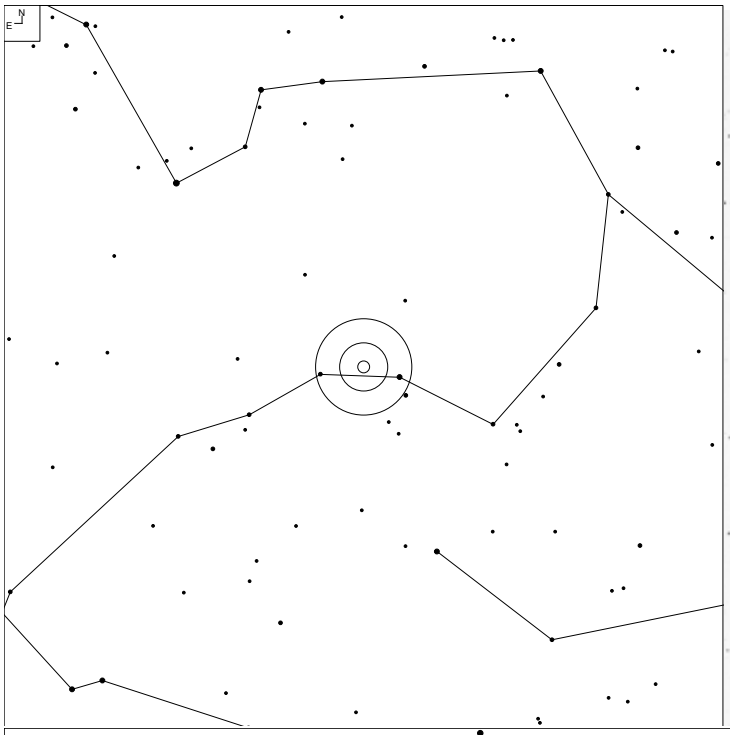


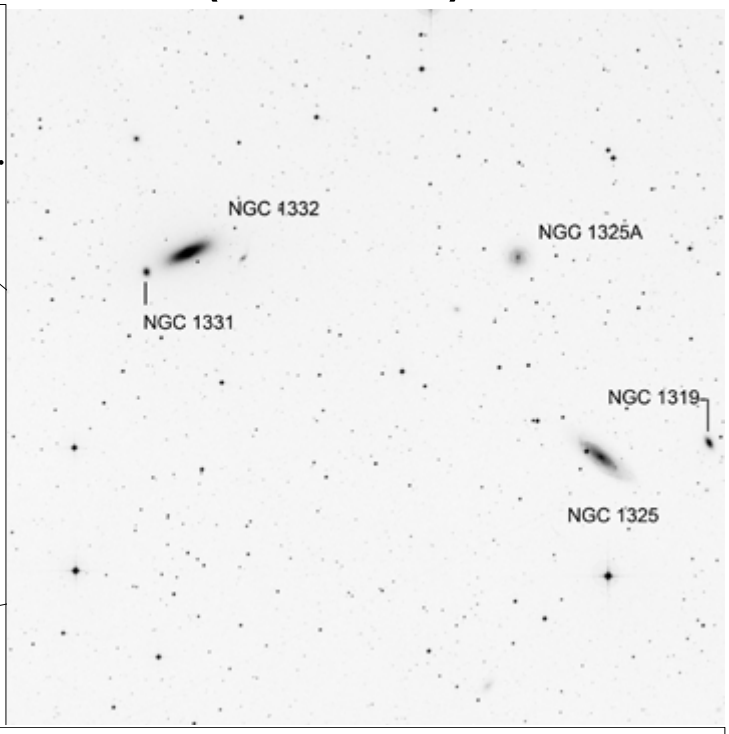


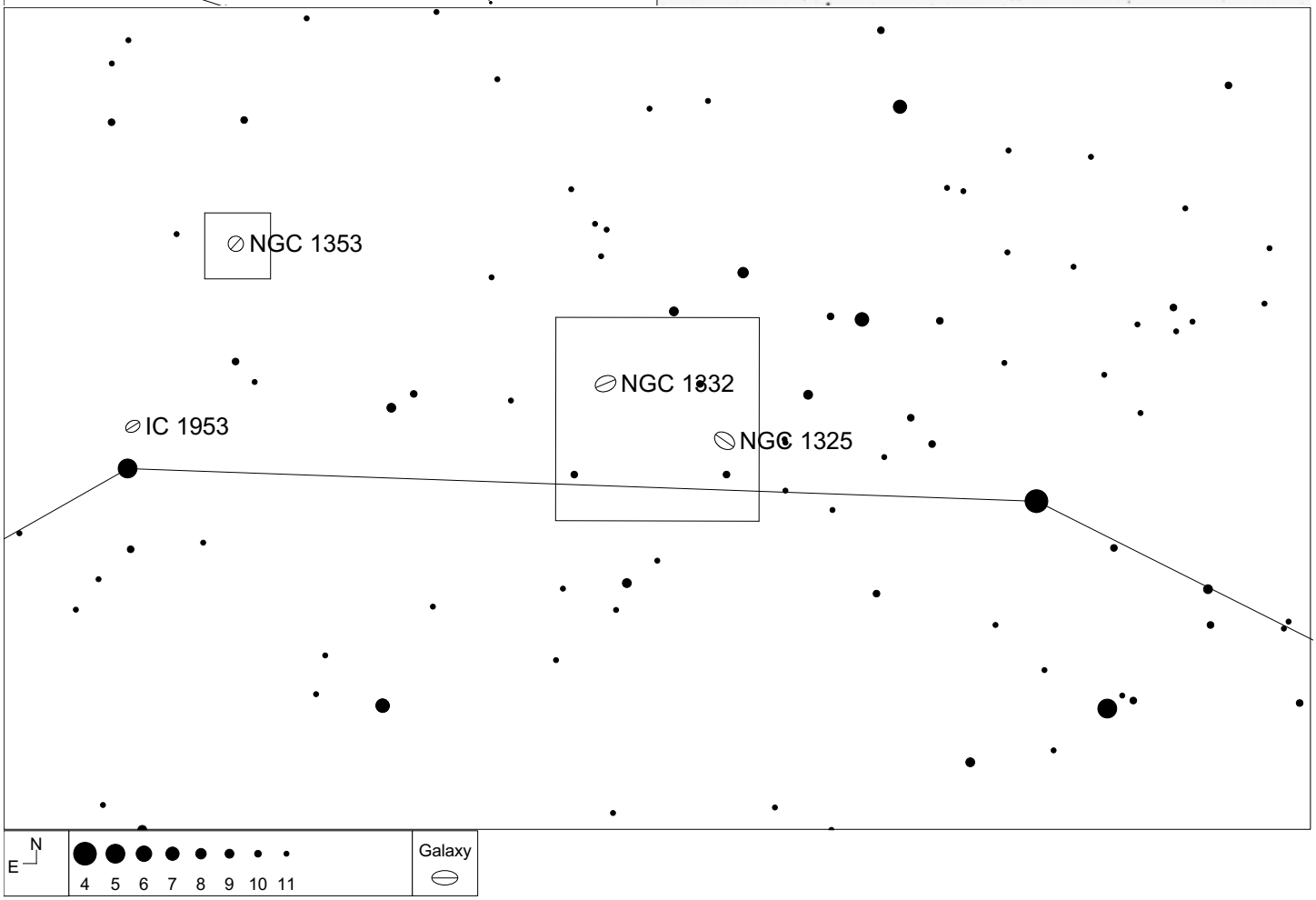


Herschel	RA	Dec	Mag	Size	Type
H III 245	03 02 37.4	-22 52 03	11.3v	5.5 x 4.0’	G SB(r)c

NGC 1325 and NGC 1332 (Eridanus)

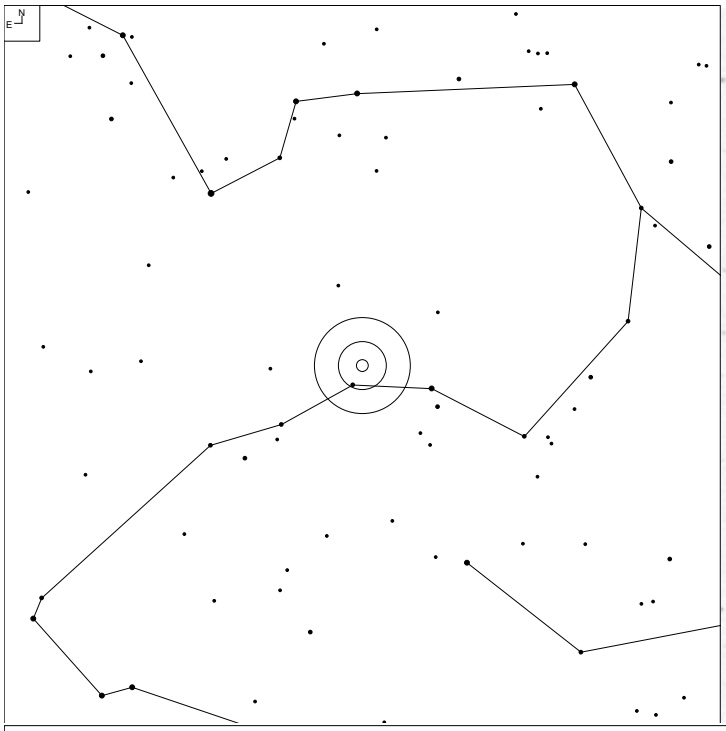


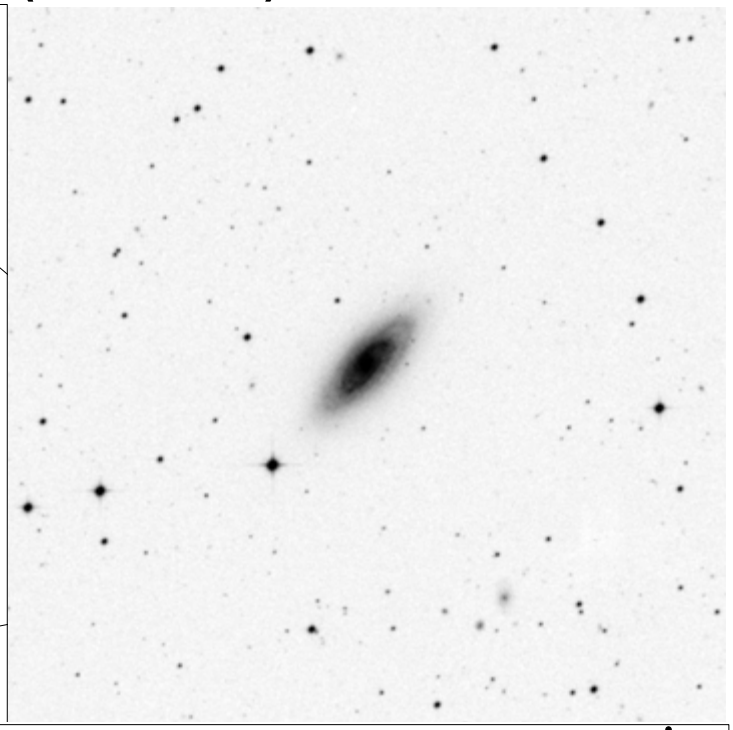


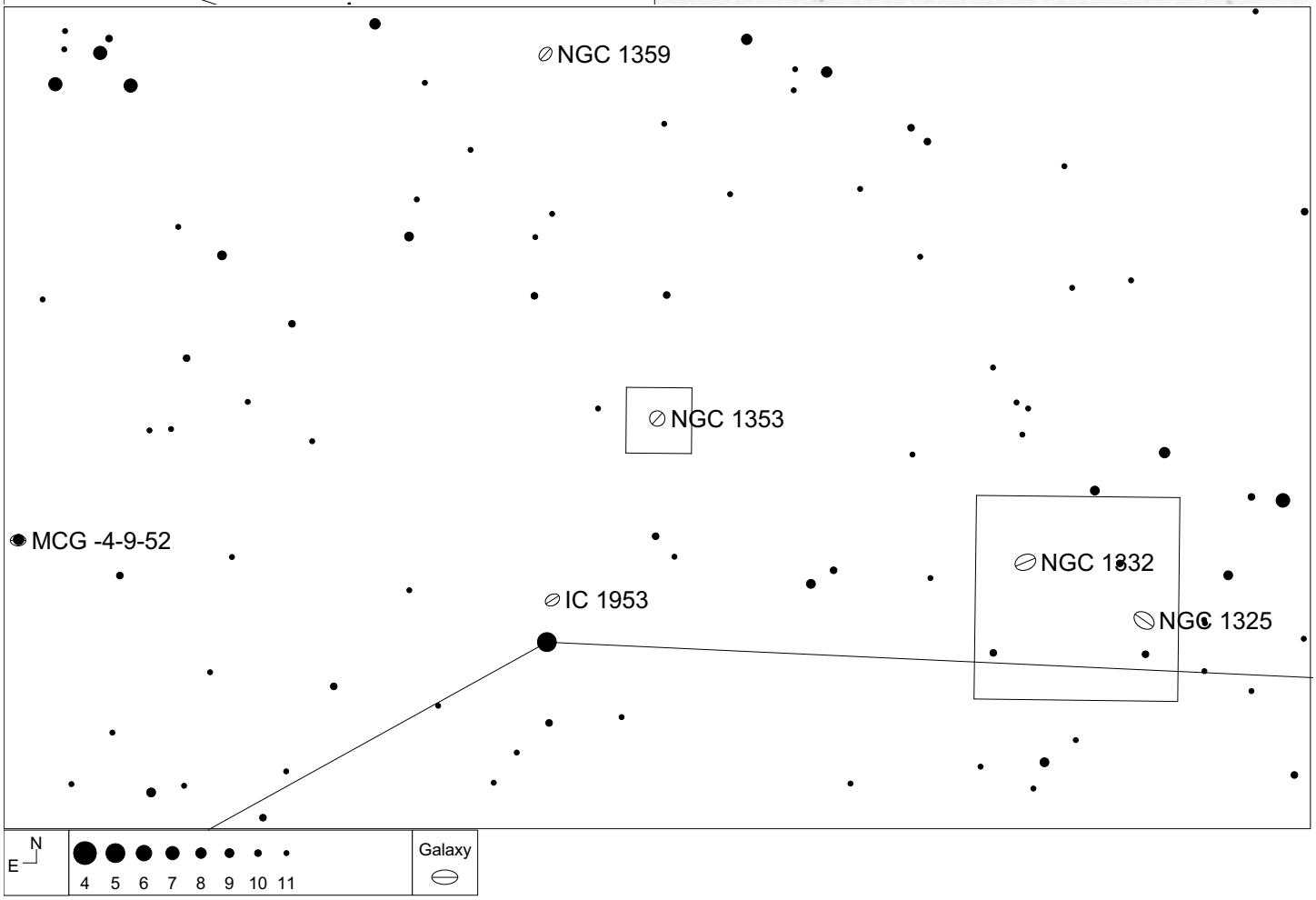


Herschel	RA	Dec	Mag	Size	Type
H IV 77	03 24 25.6	-21 32 36	12.2b	4.7 x 1.5’	G SA(s)bc
H I 60	03 26 17.1	-21 20 04	11.3b	4.6 x 1.4’	G S(s)0-: sp

NGC 1353 (Eridanus)

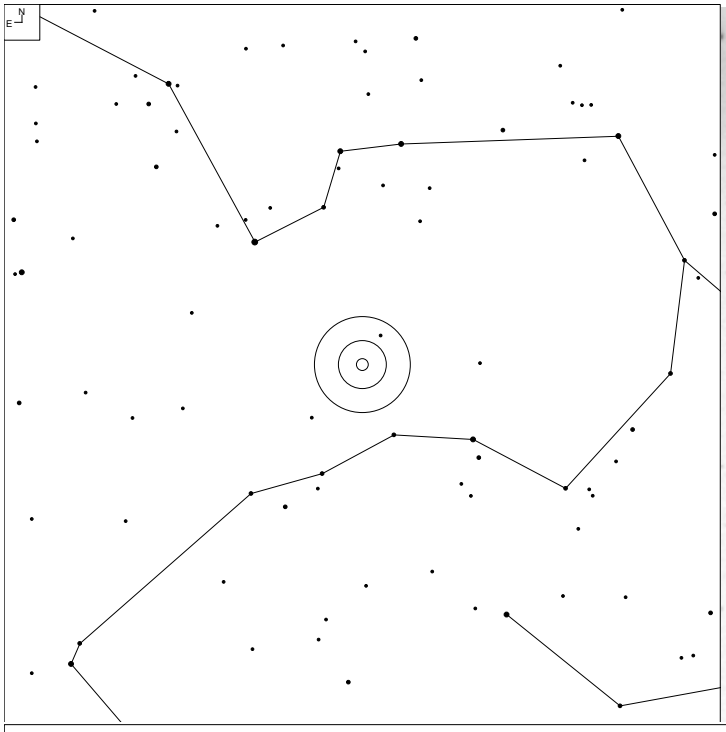


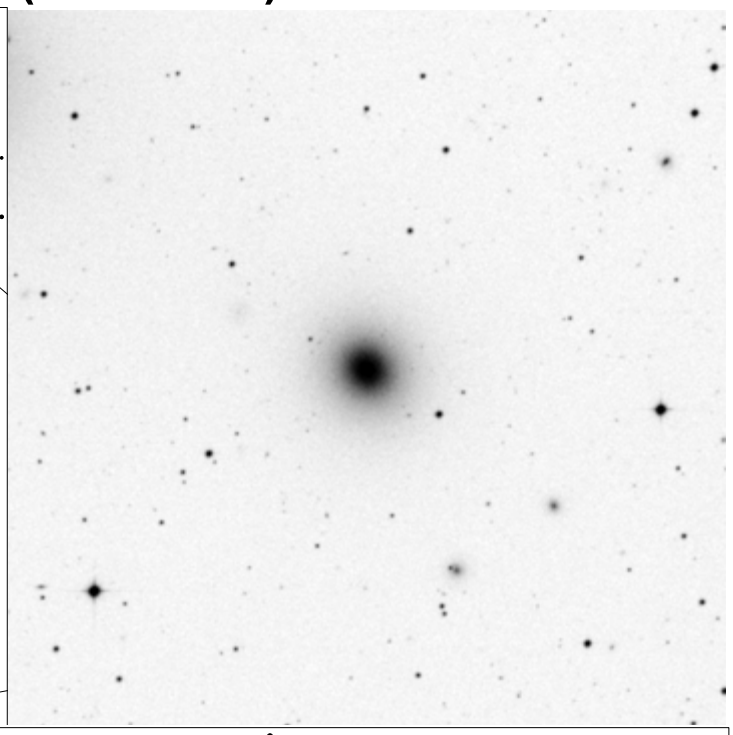


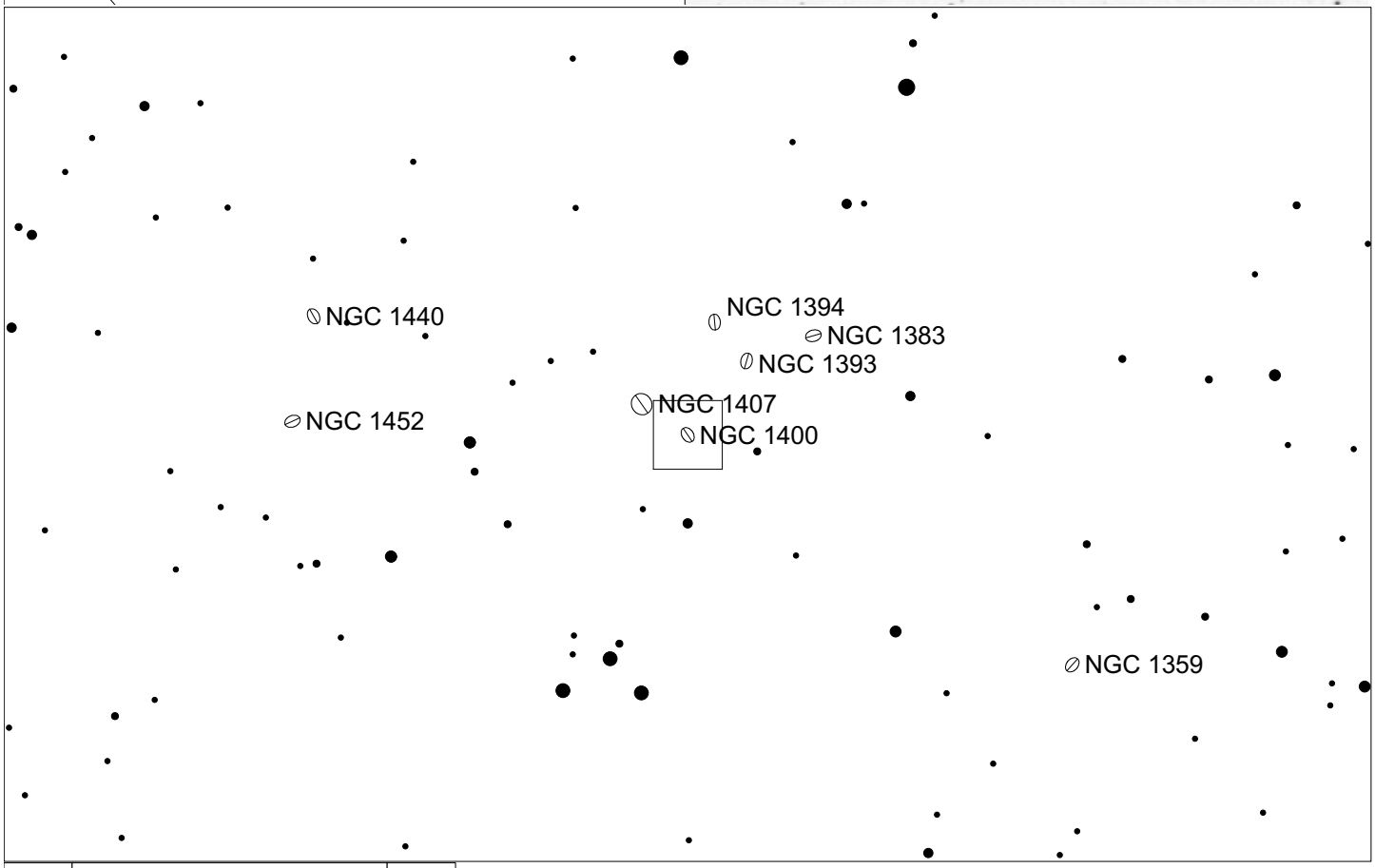


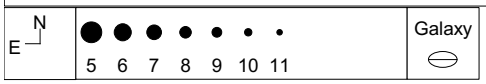
Herschel	RA	Dec	Mag	Size	Type
H III 246	03 32 03.0	-20 49 05	12.4b	3.3 x 1.3’	G SB(rs)bc

NGC 1400 (Eridanus)



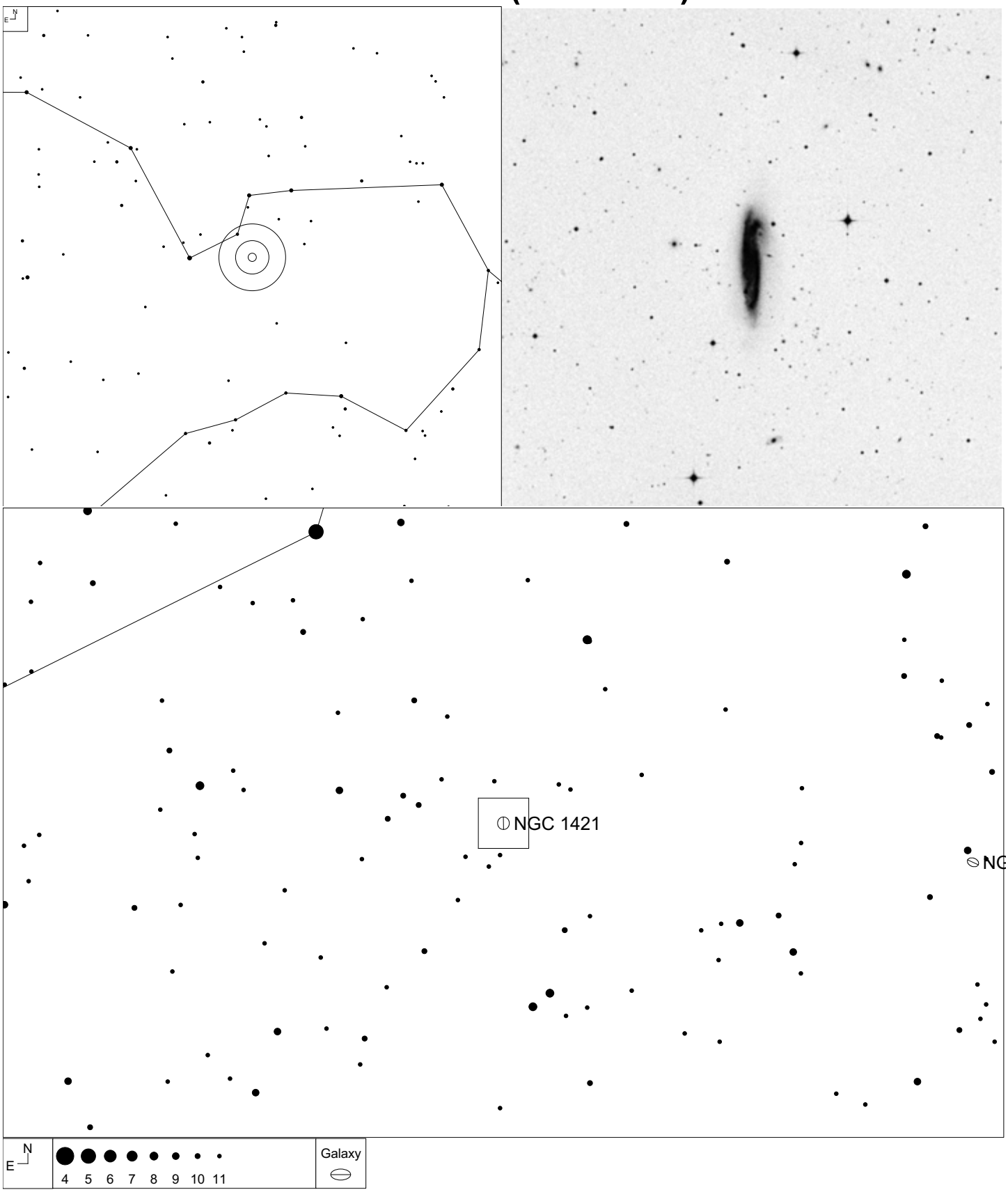






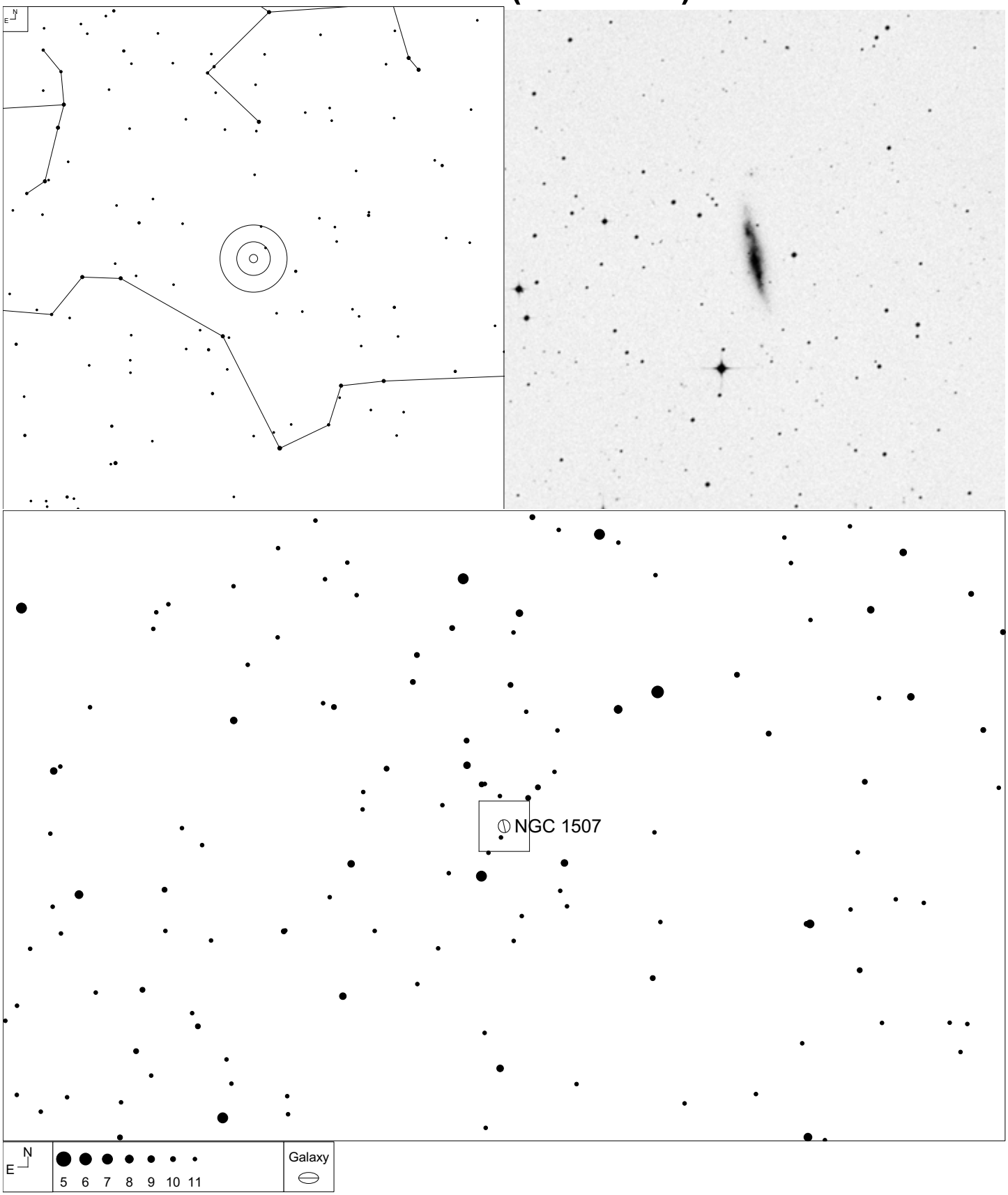
Herschel	RA	Dec	Mag	Size	Type
H II 593	03 39 30.8	-18 41 17	10.9v	2.5 x 2.4’	G SA0-

NGC 1421 (Eridanus)



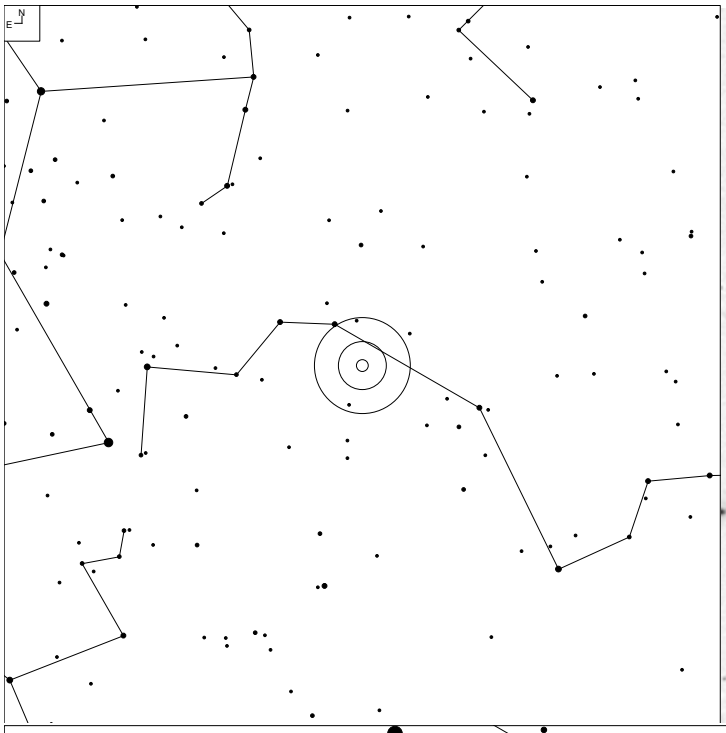
Herschel	RA	Dec	Mag	Size	Type
H II 291	03 42 29.4	-13 29 20	12.0	3.5 x 0.8’	G SAB(rs)bc:

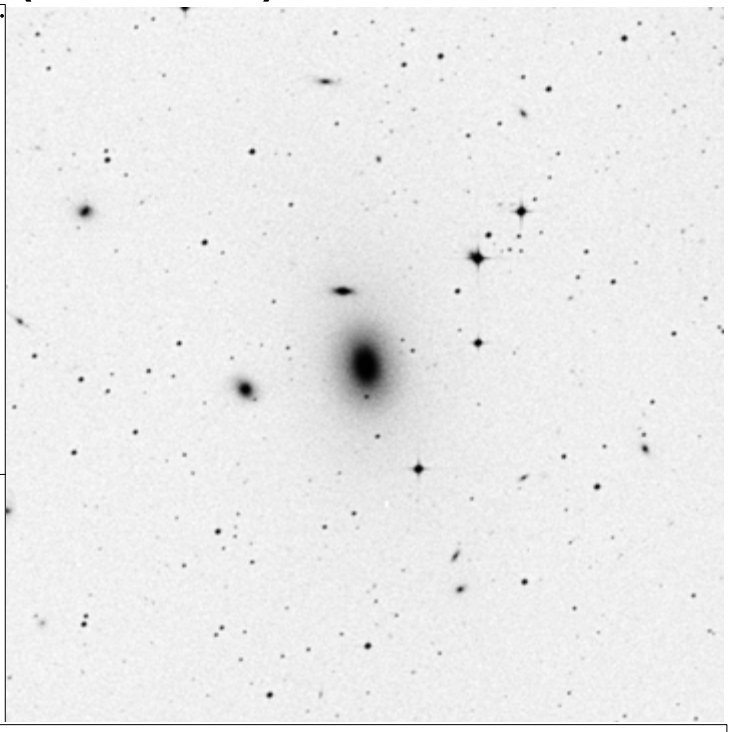
NGC 1507 (Eridanus)

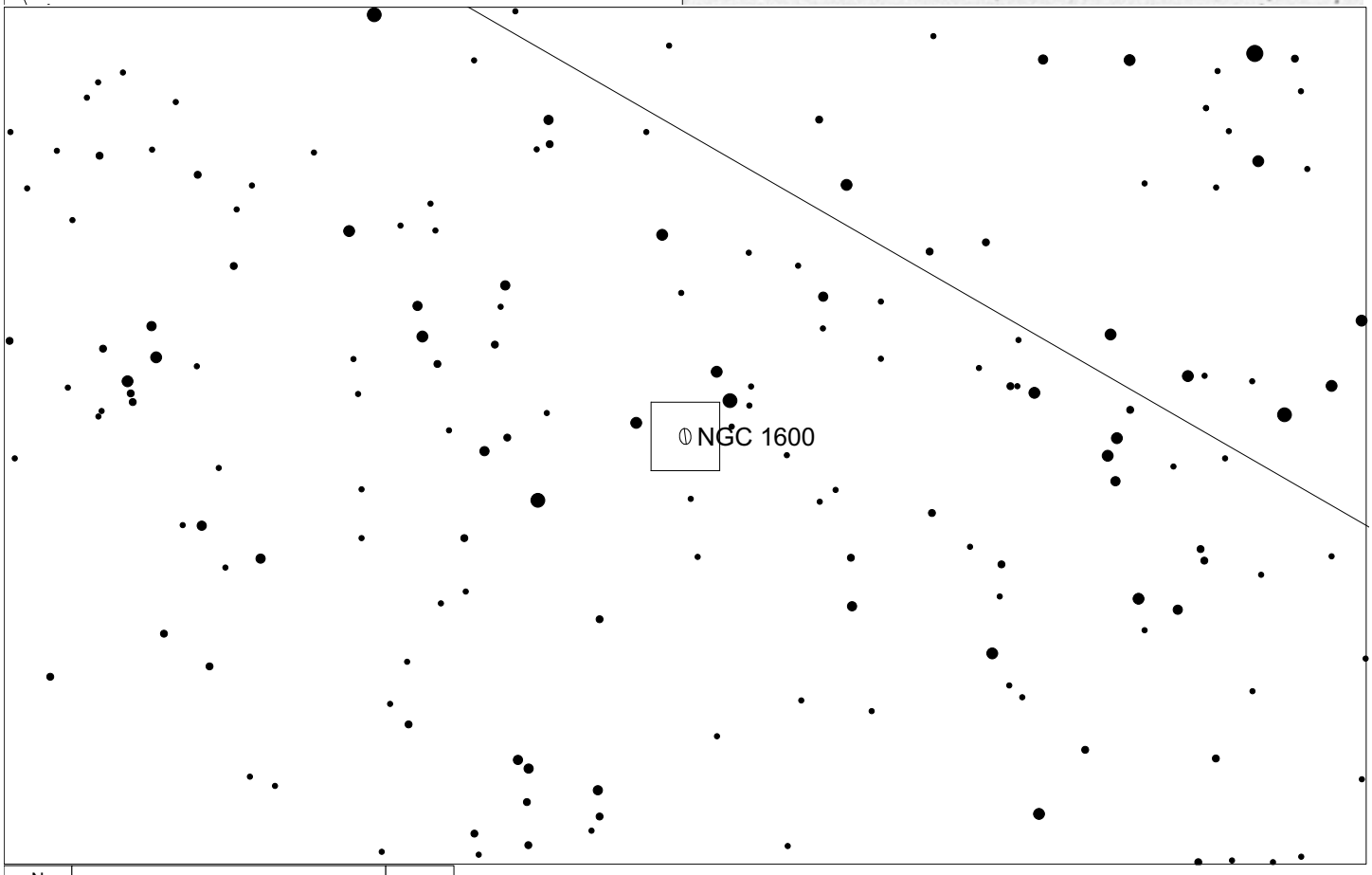


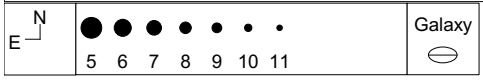
Herschel	RA	Dec	Mag	Size	Type
H II 279	04 04 27.1	-02 11 21	12.9b	3.6 x 0.8’	G SB(s)m pec?

NGC 1600 (Eridanus)



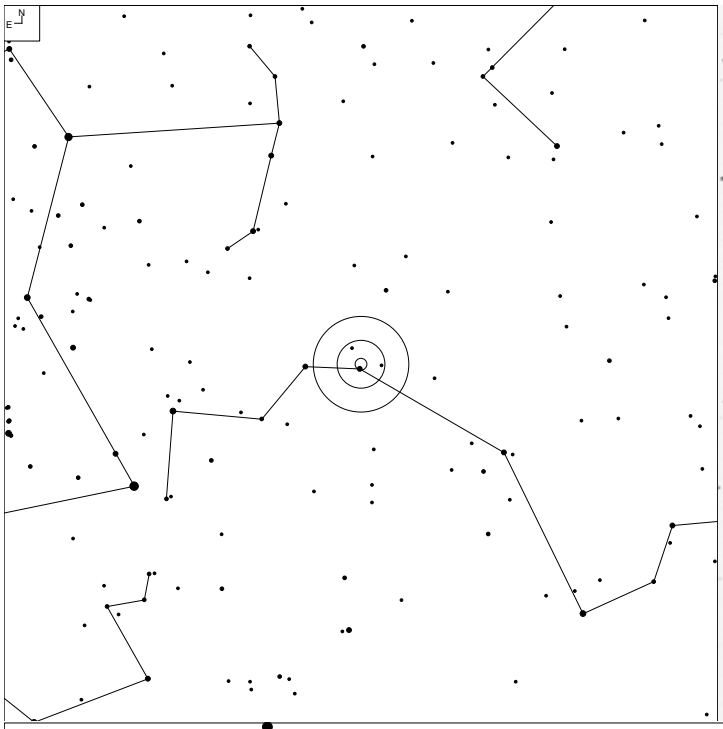


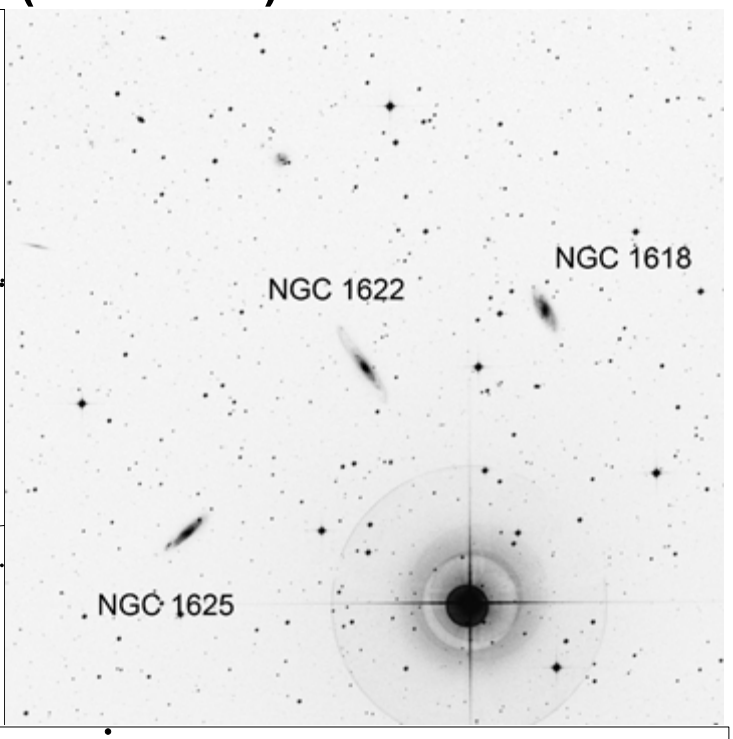


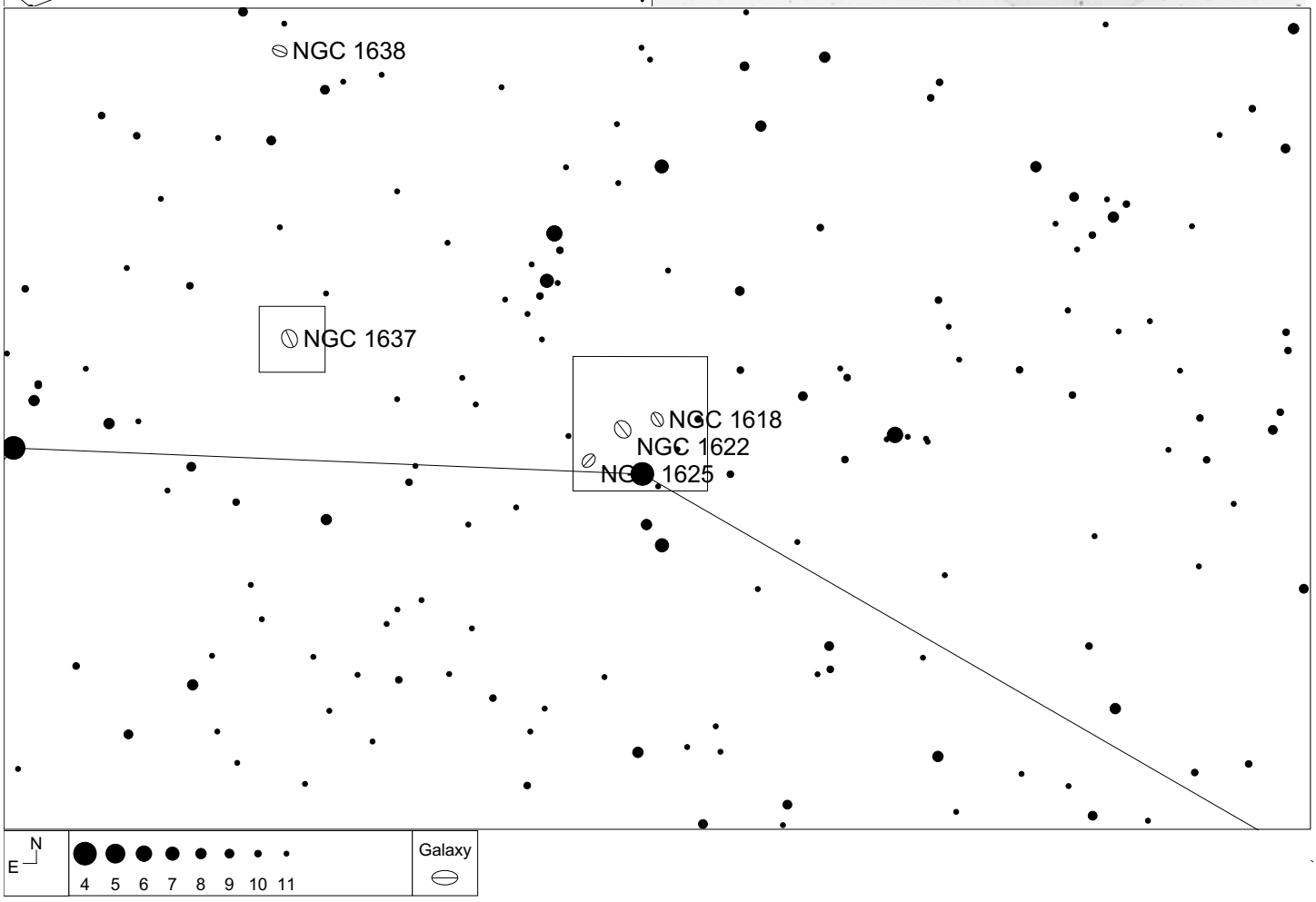


Herschel	RA	Dec	Mag	Size	Type
H I 158	04 31 39.9	-05 05 10	10.9v	3.0 x 2.5’	G E3

NGC 1618 (Eridanus)

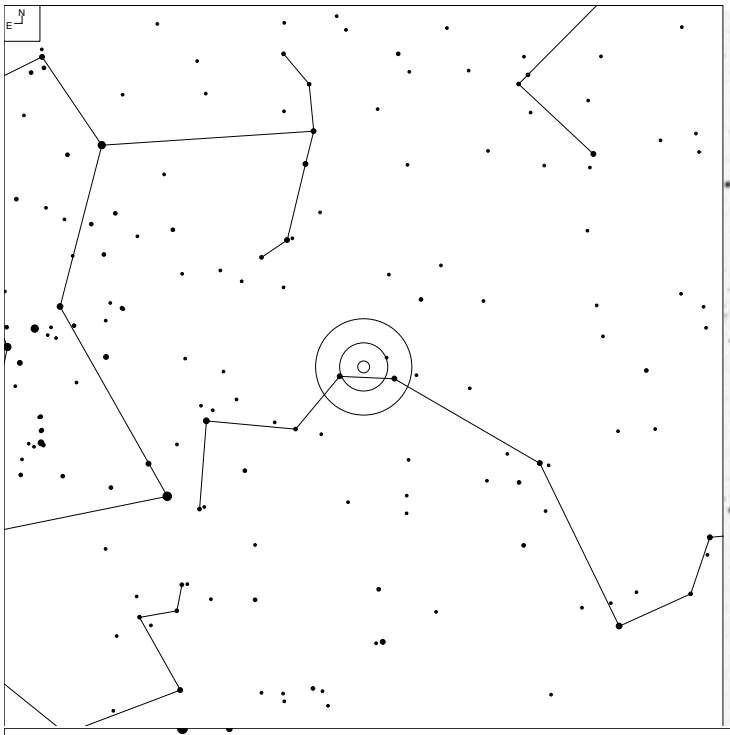


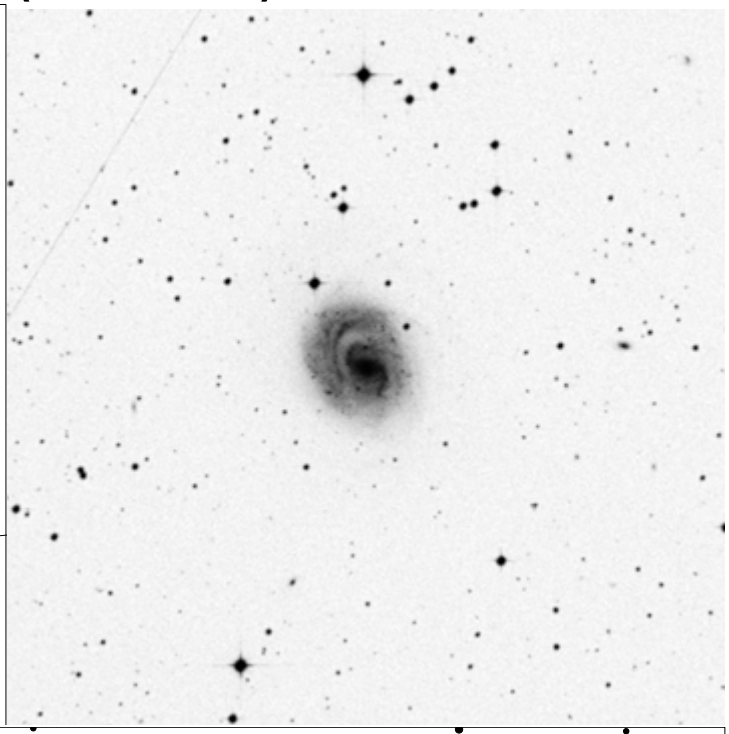


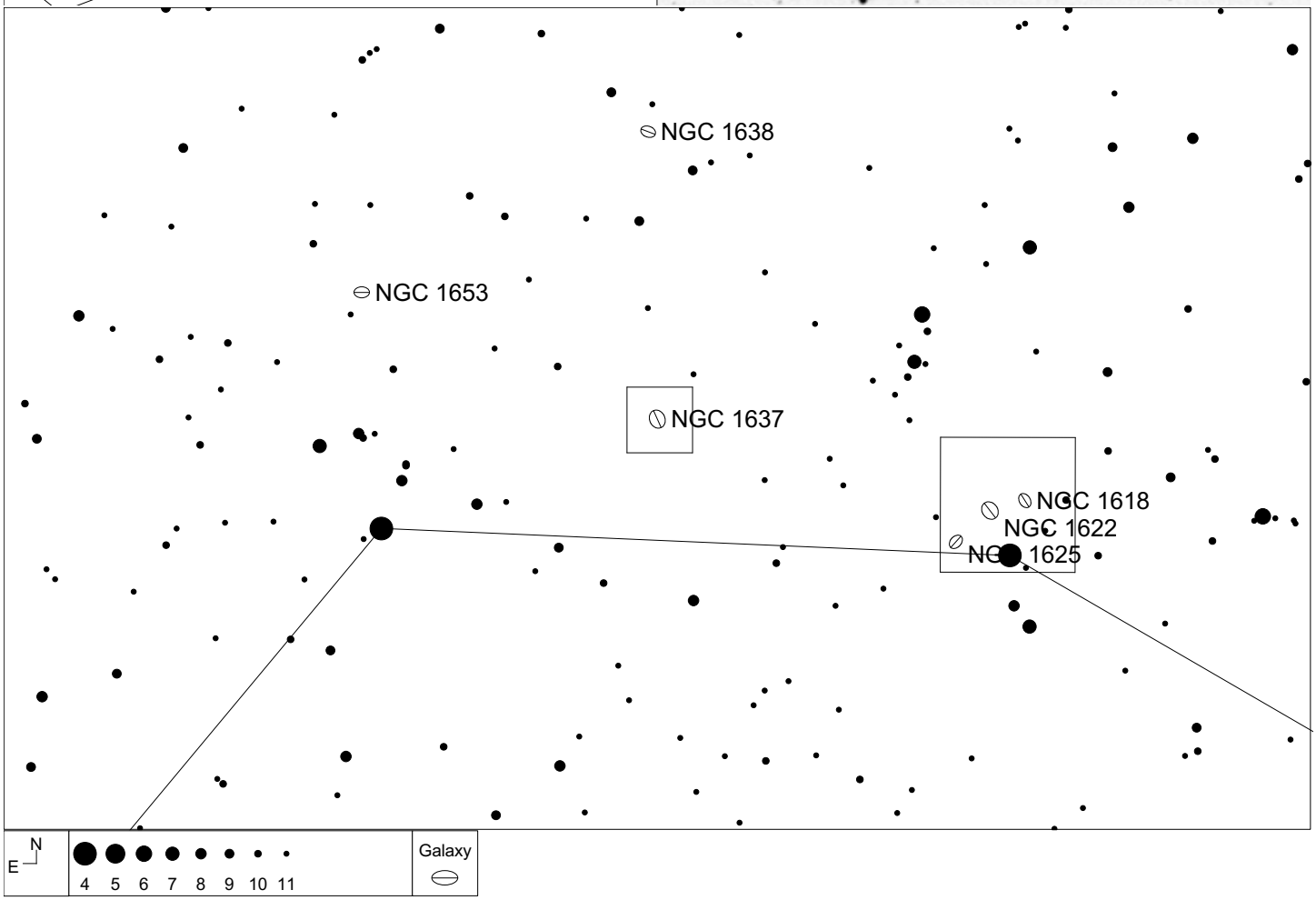


Herschel	RA	Dec	Mag	Size	Type
H II 524	04 36 06.5	-03 08 56	12.7v	2.8 x 0.9’	G SB(r)b:

NGC 1637 (Eridanus)

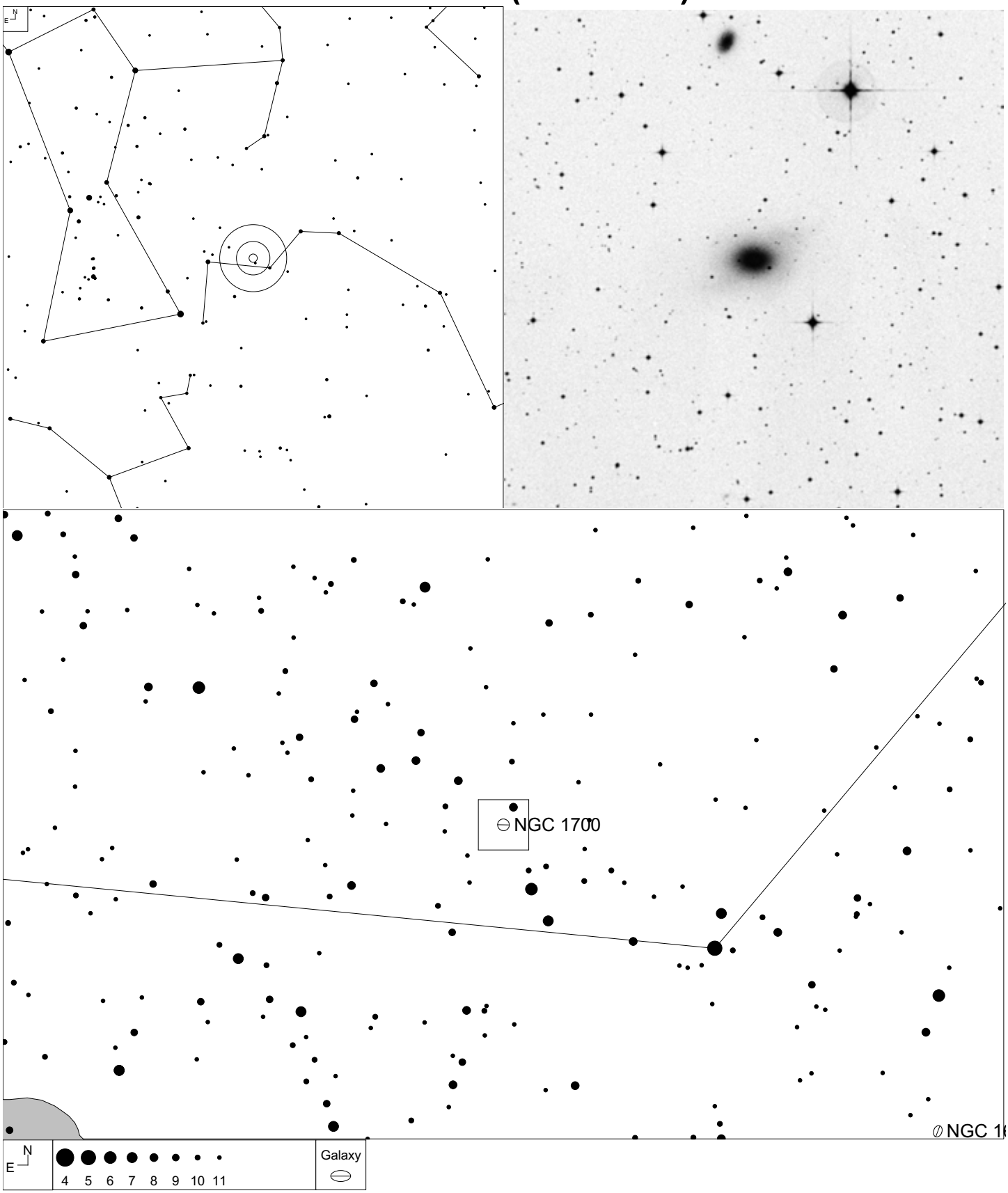






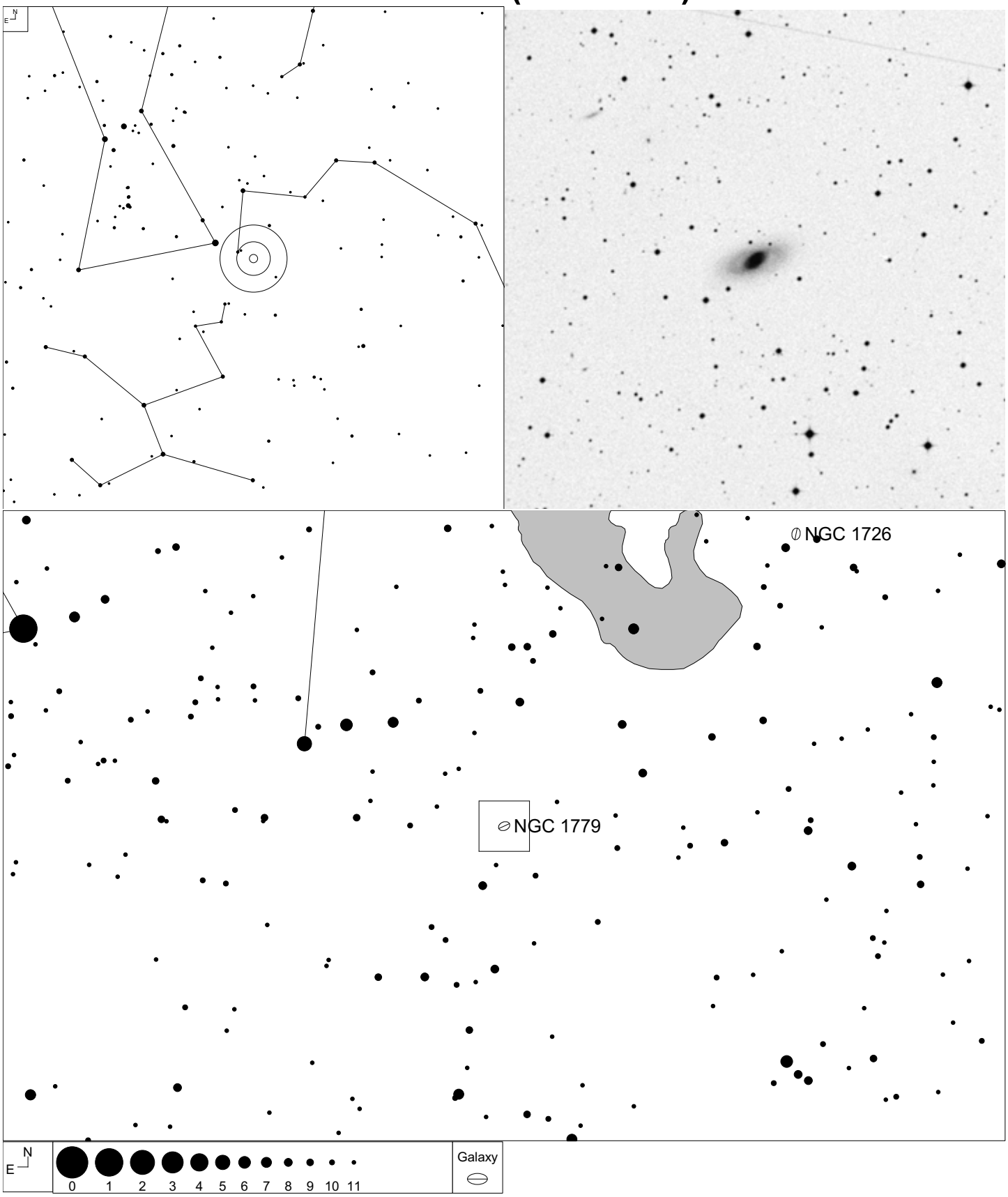
Herschel	RA	Dec	Mag	Size	Type
H I 122	04 41 28.0	-02 51 29	11.5b	4.0 x 3.2’	G SA(rs)cd

NGC 1700 (Eridanus)



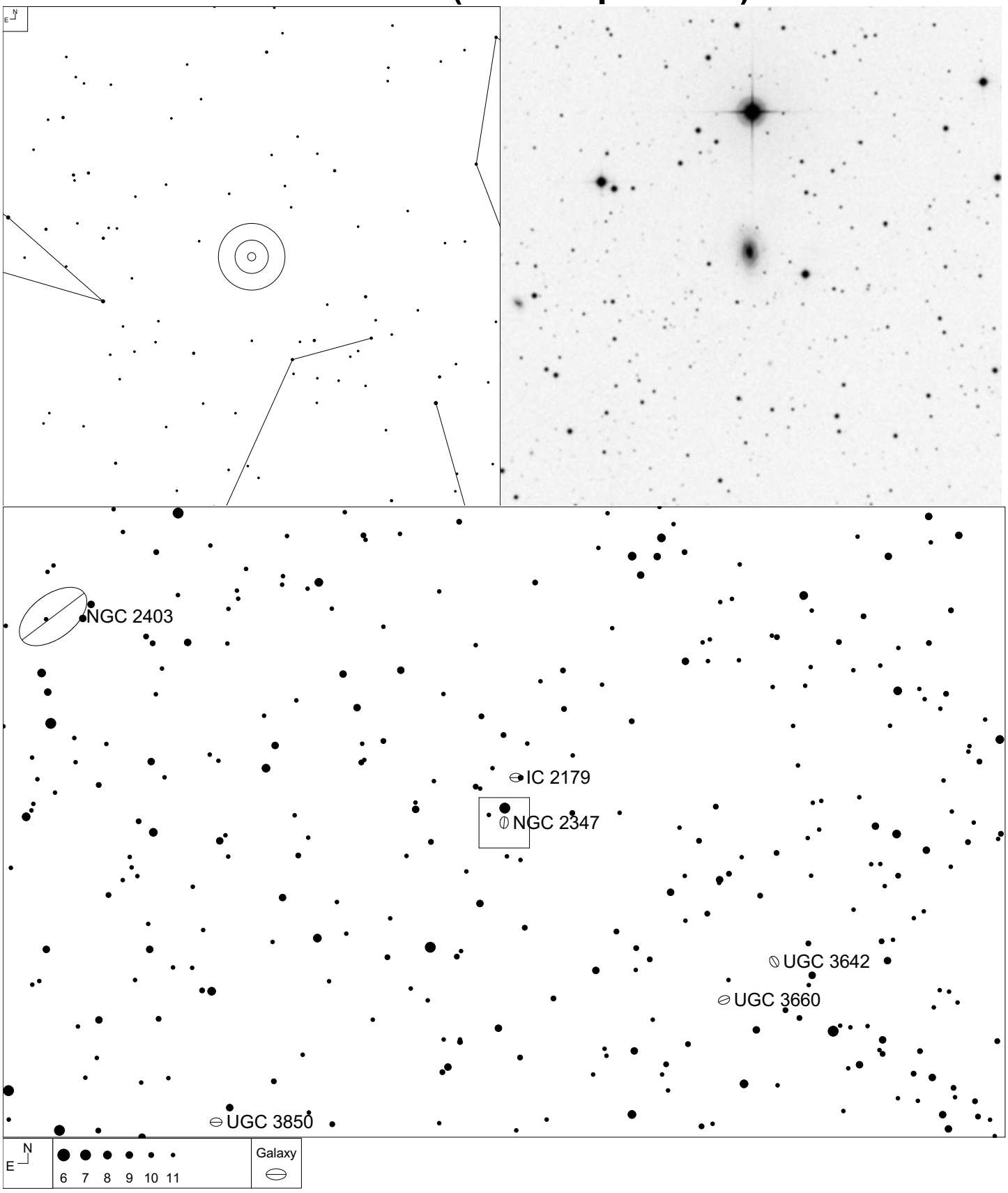
Herschel	RA	Dec	Mag	Size	Type
H IV 32	04 56 56.2	-04 51 56	12.2b	3.3 x 2.0’	G E4

NGC 1779 (Eridanus)



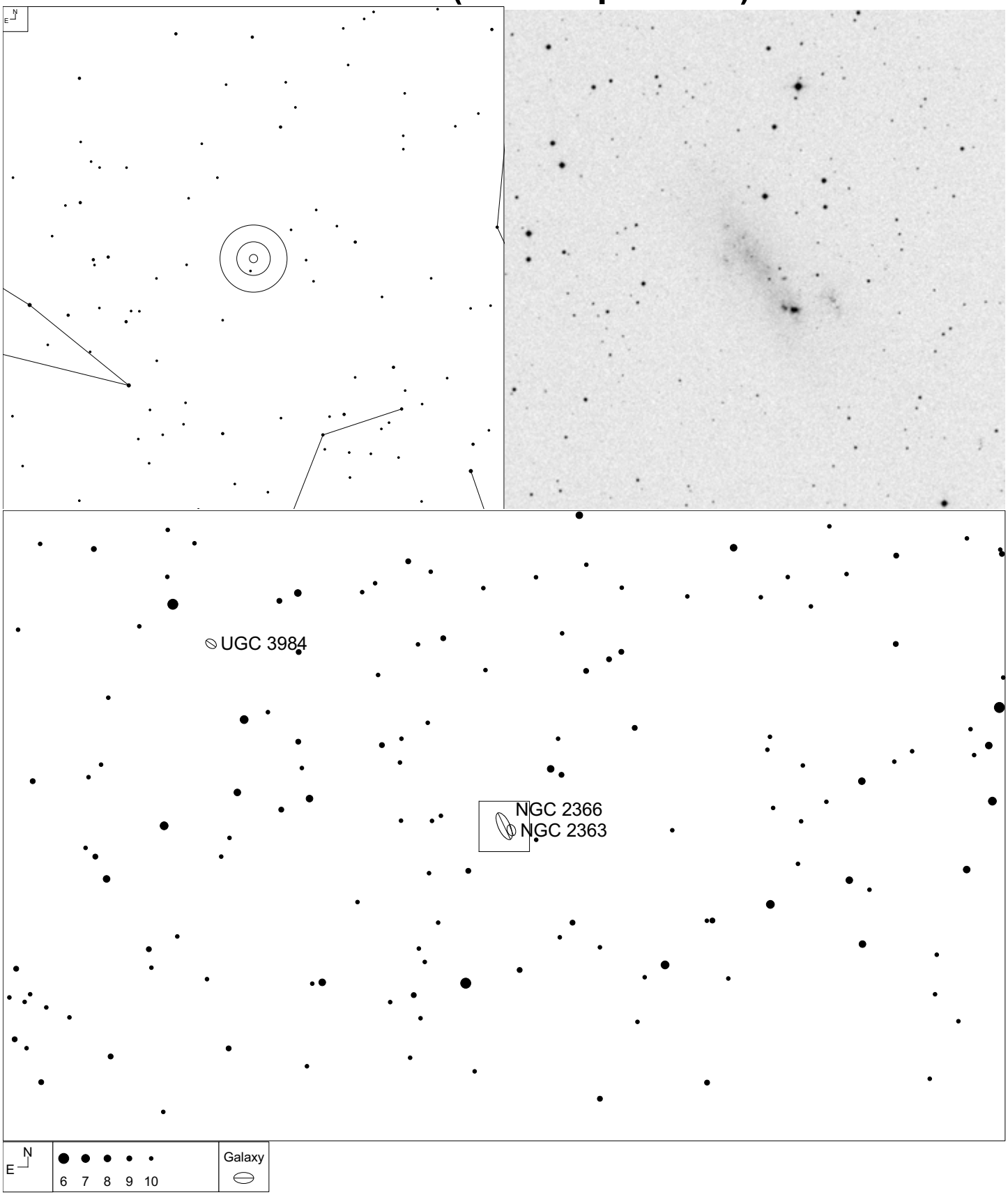
Herschel	RA	Dec	Mag	Size	Type
H III 500	05 05 18.0	-09 08 50	13.0	2.3 x 1.2’	G (R’)SAB(r)0/a?

NGC 2347 (Camelopardalis)



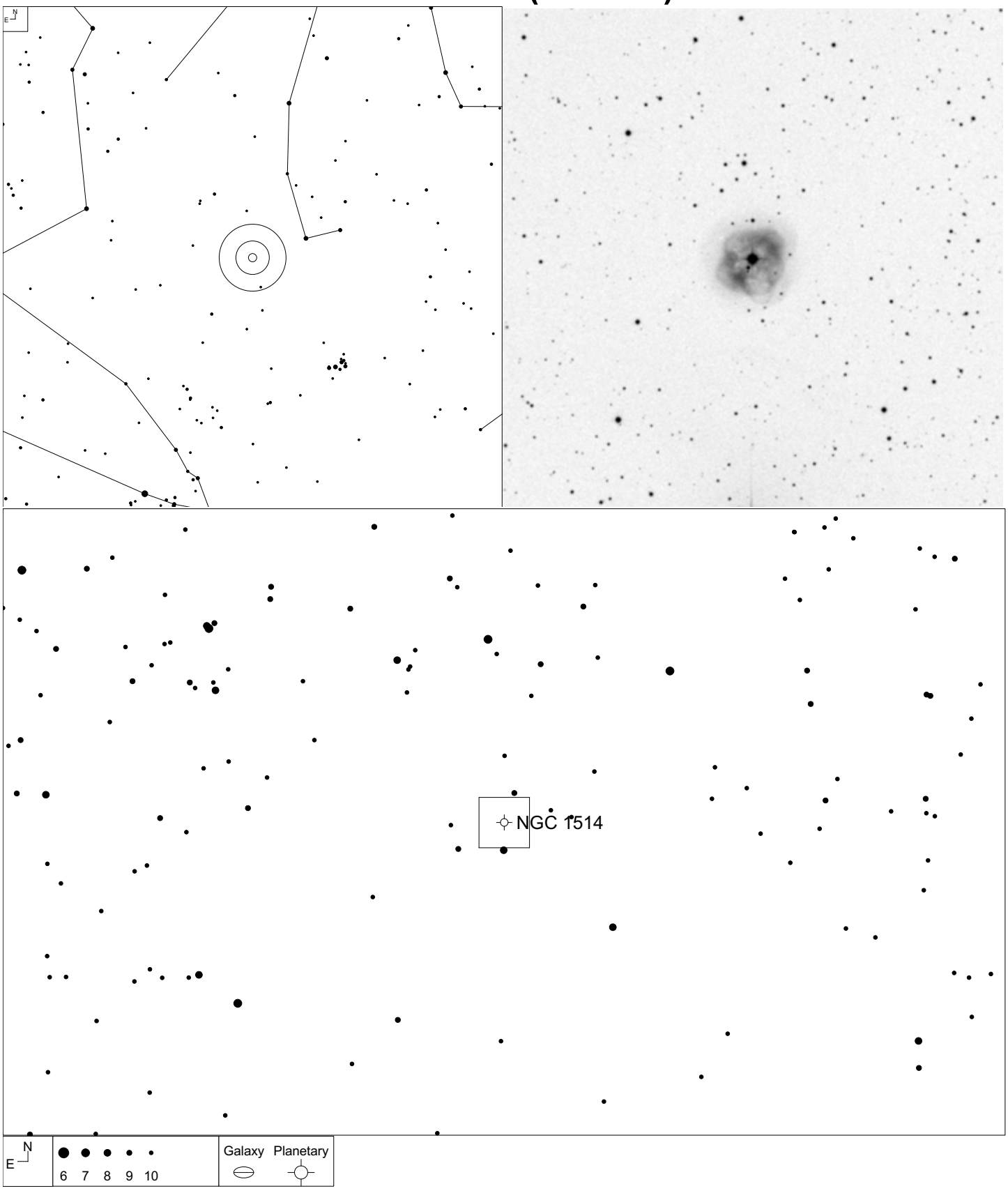
Herschel	RA	Dec	Mag	Size	Type
H III 746	07 16 04.0	+64 42 41	13.2b	1.7 x 1.2’	G (R’)SA(r)b:

NGC 2366 (Camelopardalis)



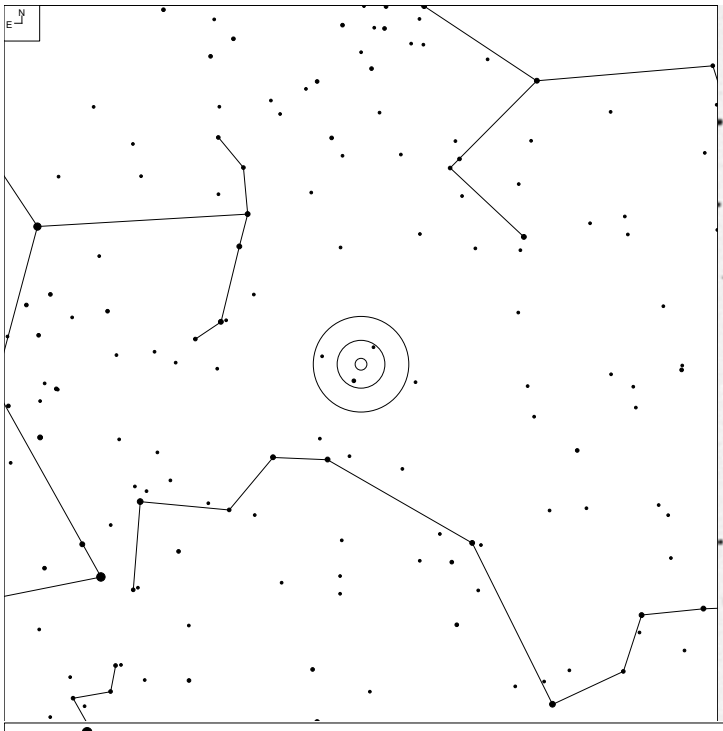
Herschel	RA	Dec	Mag	Size	Type
H III 748	07 28 55.0	+69 12 57	11.5b	8.2 x 3.3’	G IB(s)m

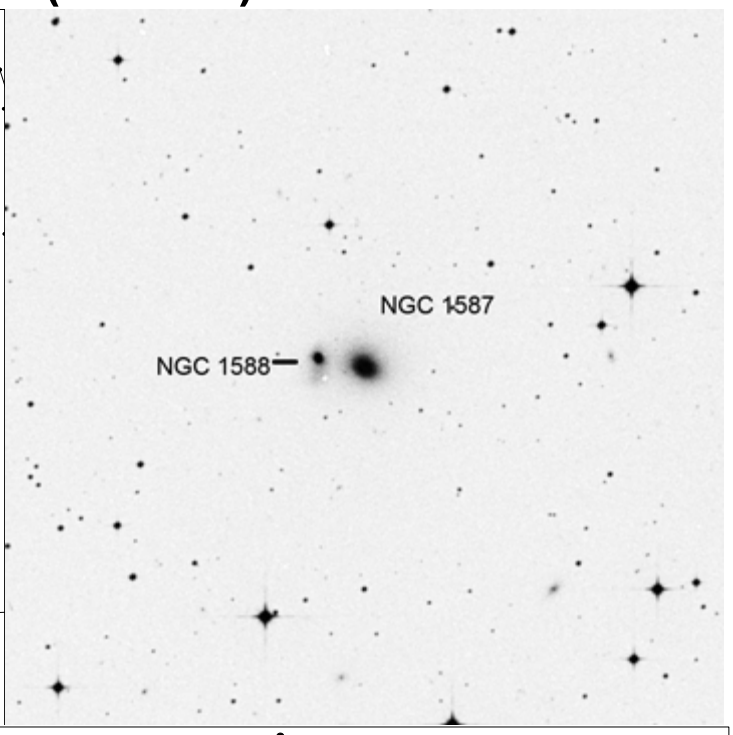
NGC 1514 (Taurus)

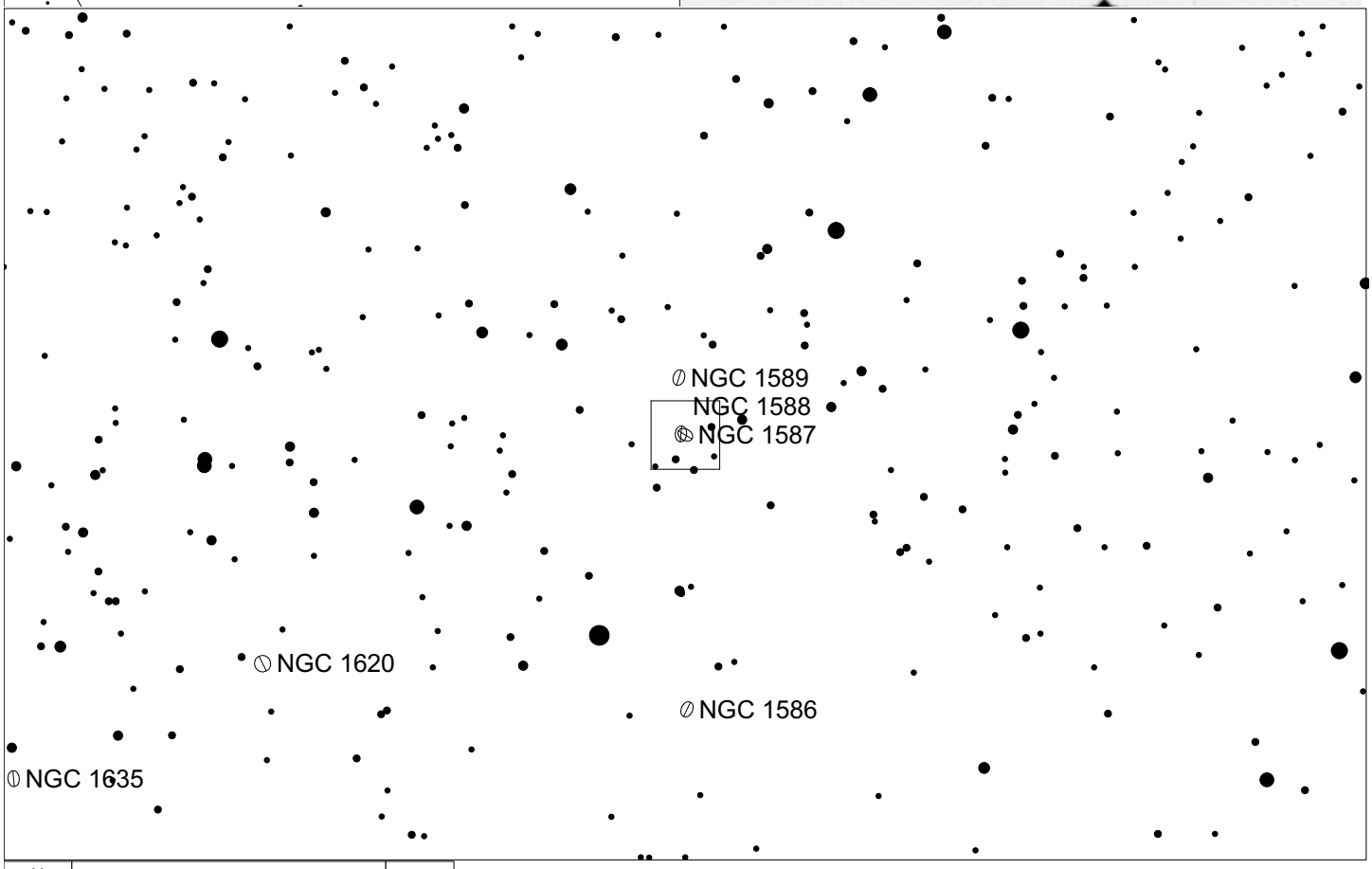


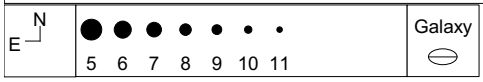
Herschel	RA	Dec	Mag	Size	Type
H IV 69	04 09 17.0	+30 46 33	10.0p	1.9’	PN 3 + 2

NGC 1587 (Taurus)



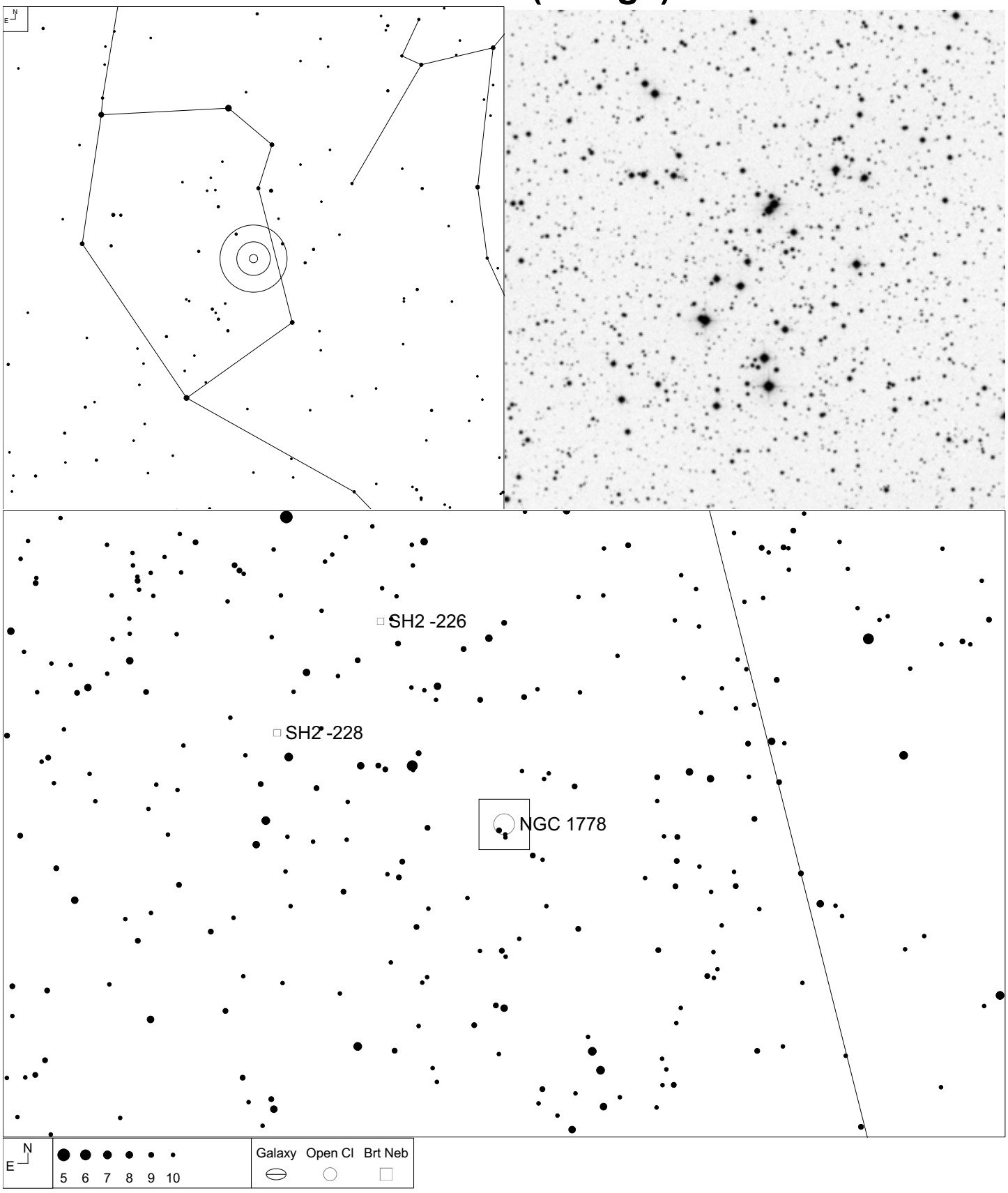






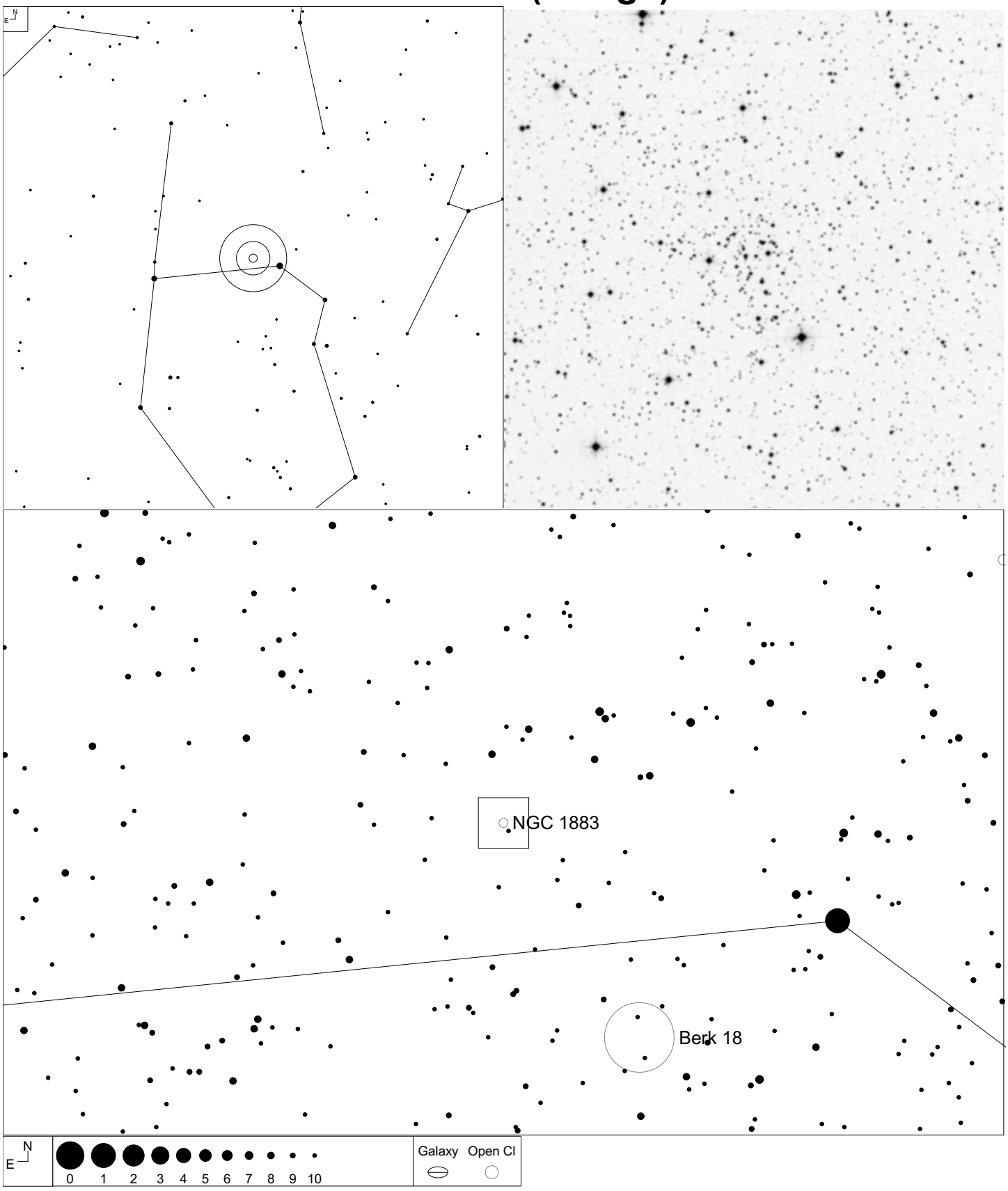
Herschel	RA	Dec	Mag	Size	Type
H II 8	04 30 40.0	+00 39 43	11.7v	1.8 x 1.6’	G E pec

NGC 1778 (Auriga)



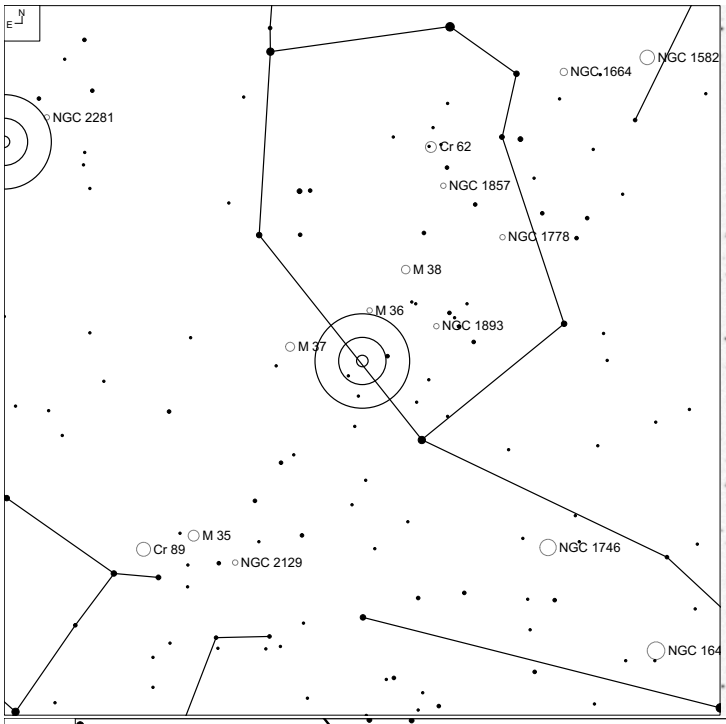
Herschel	RA	Dec	Mag	Size	Type
H VIII 61	05 08 06	+37 01 24	7.7	6.0’	OC III 2 p

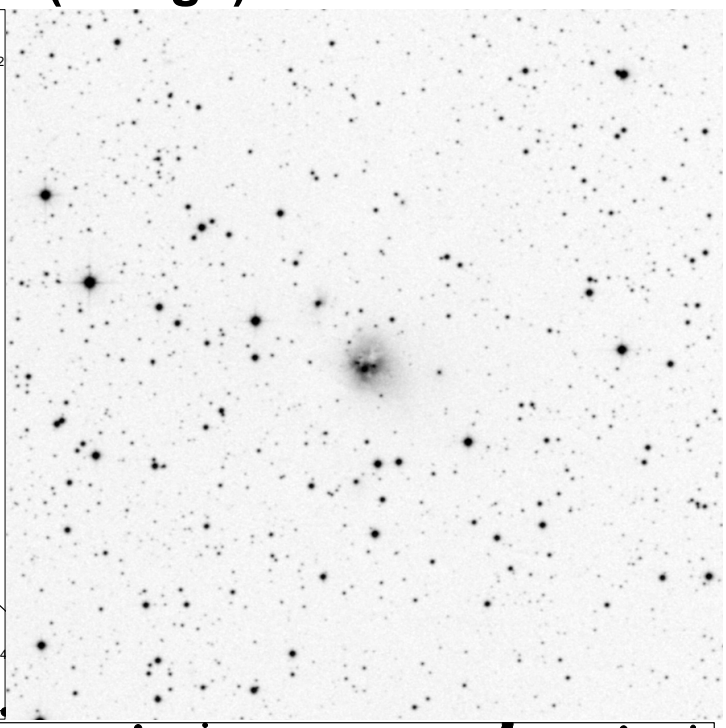
NGC 1883 (Auriga)

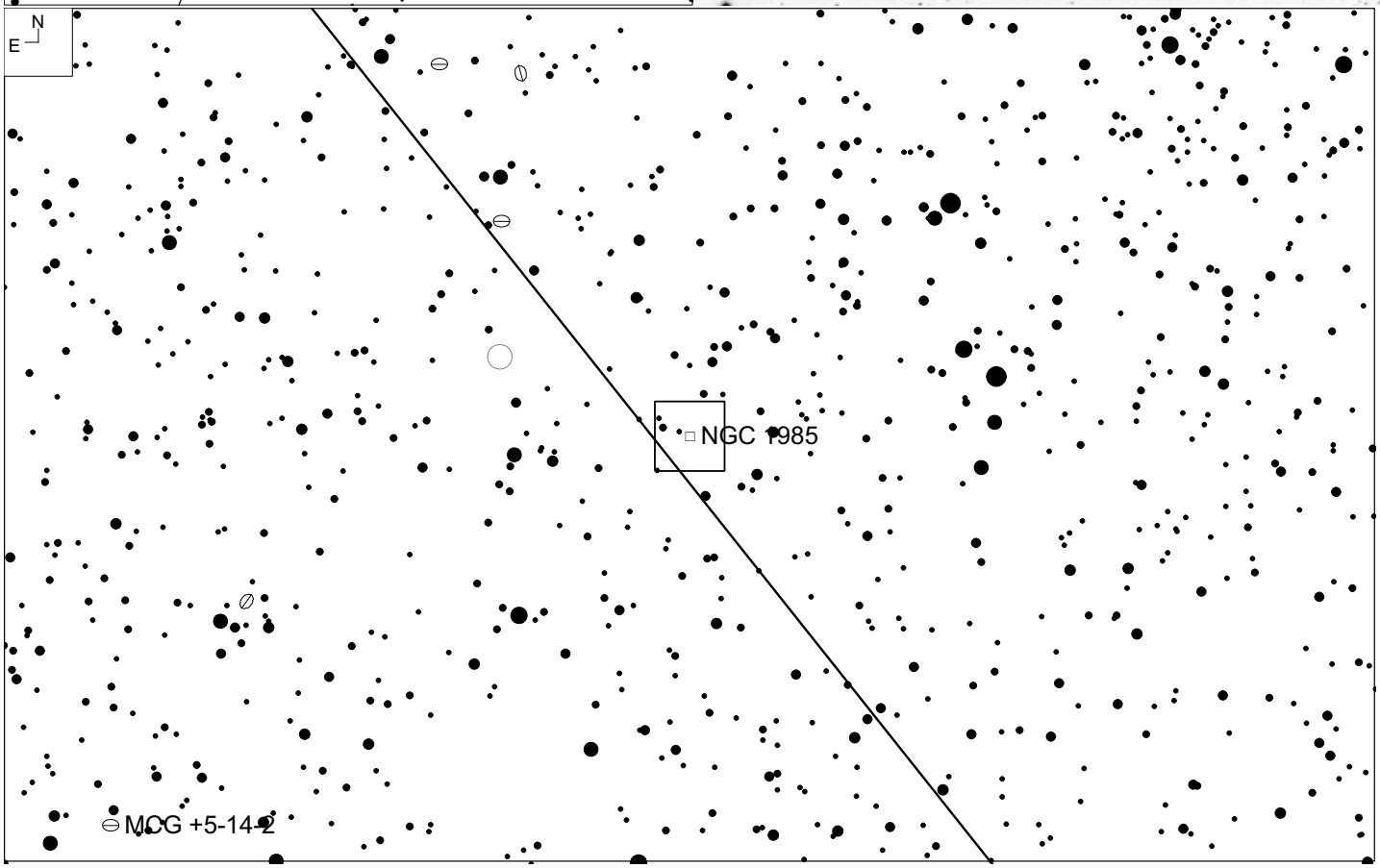


Herschel	RA	Dec	Mag	Size	Type
H VII 34	05 25 54	+46 29 24	12.0	2.5’	OC II 1 m

NGC 1985 (Auriga)

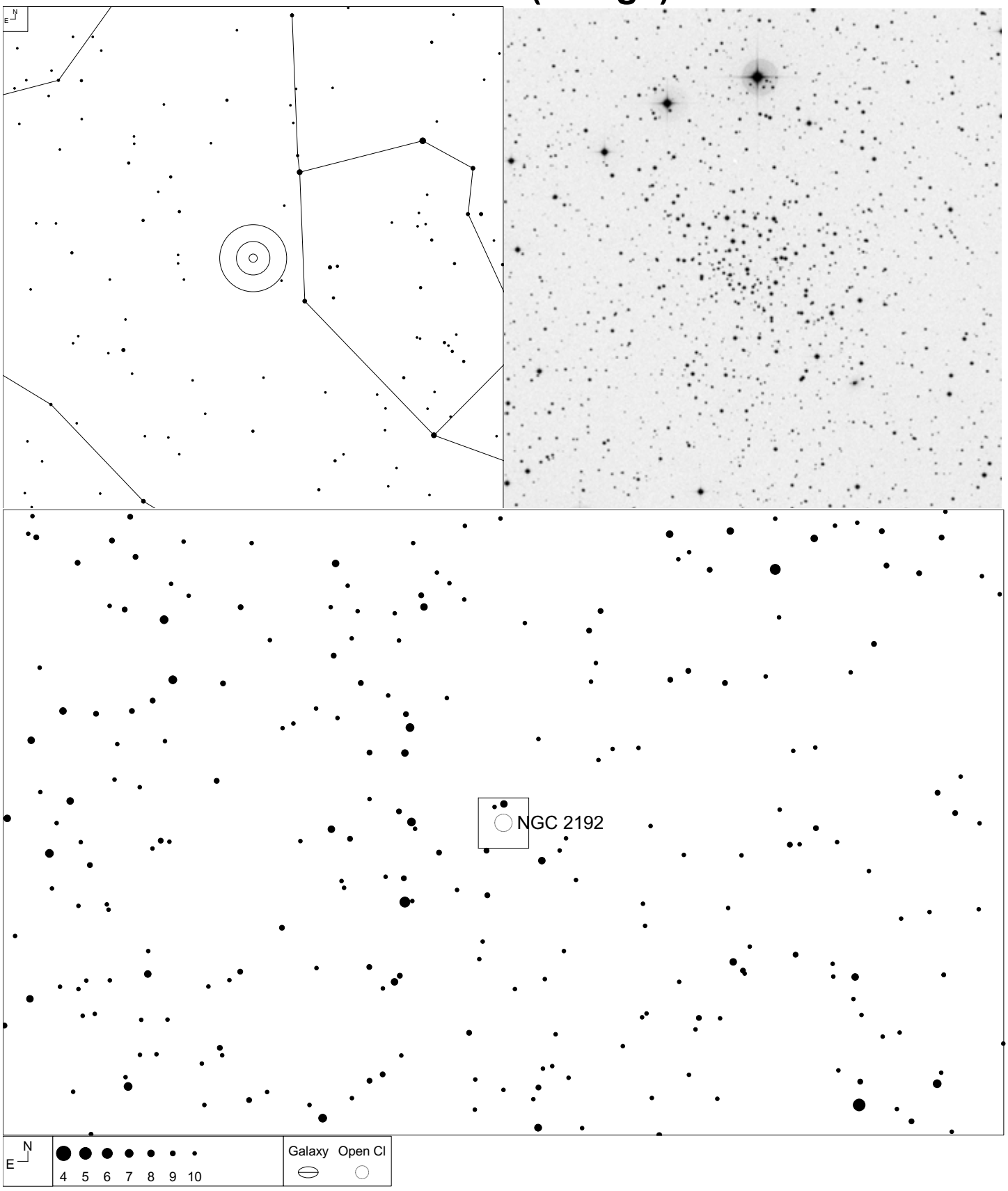






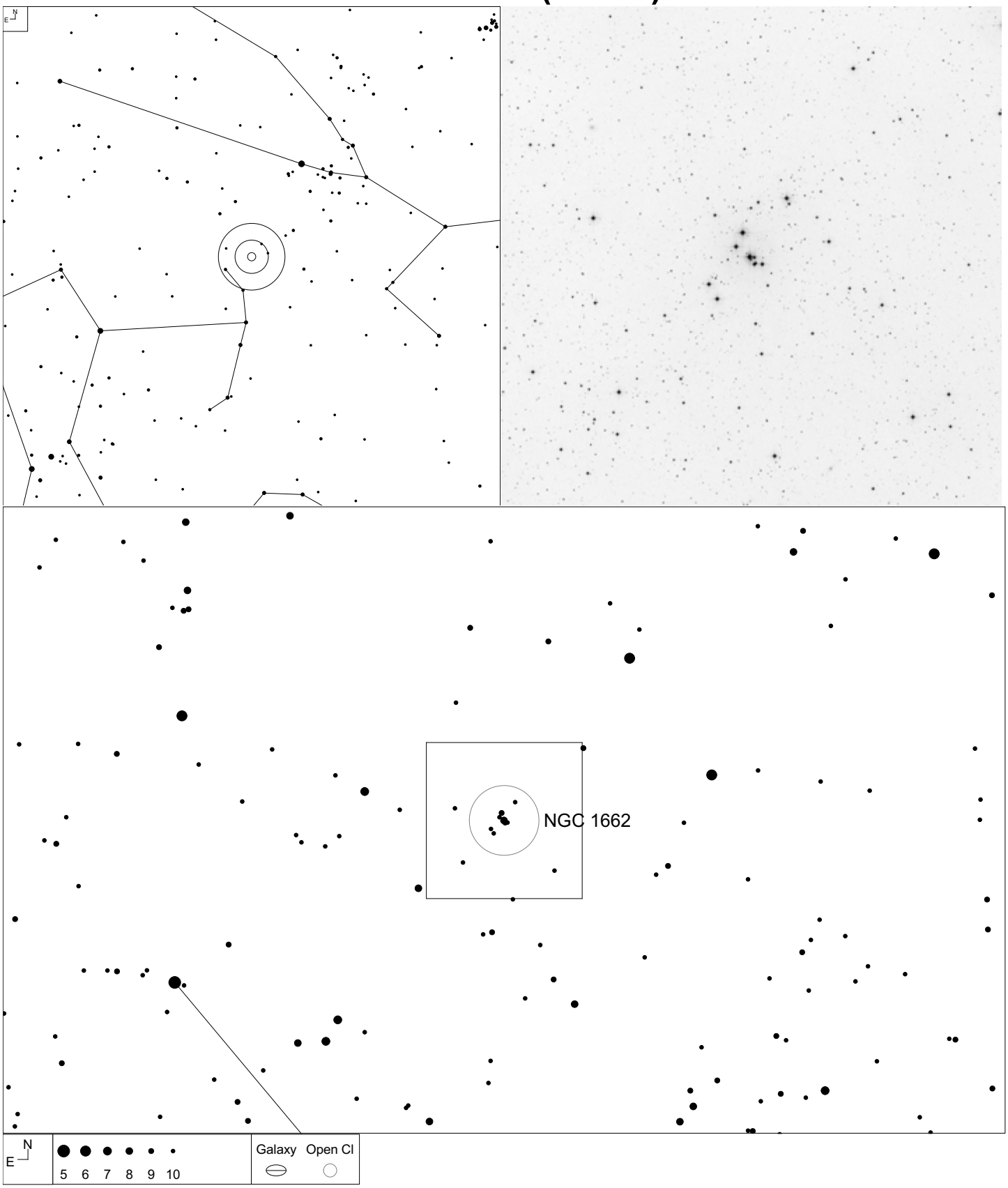
Herschel	RA	Dec	Mag	Size	Type
H III 865	05 37 47.8	+31 59 20	12.8v	0.7’	RN

NGC 2192 (Auriga)



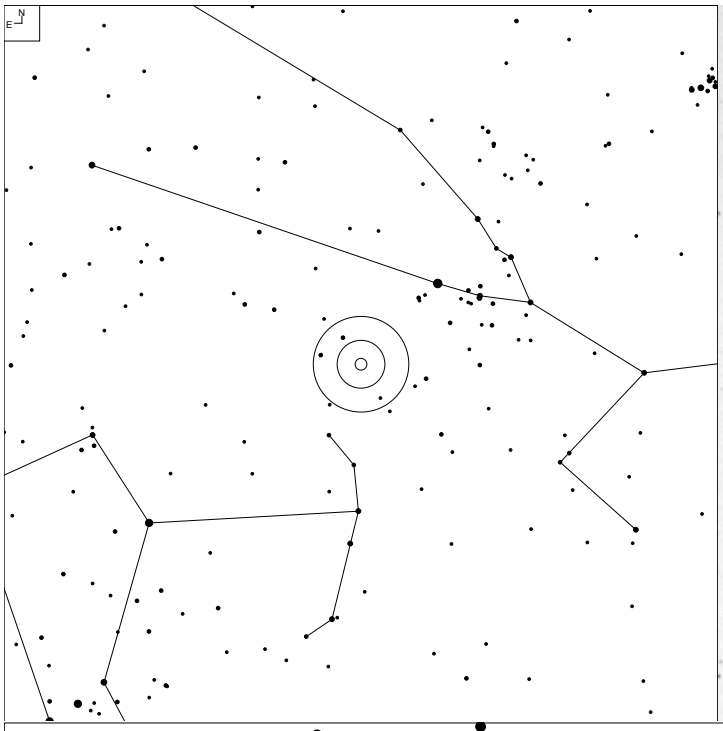
Herschel	RA	Dec	Mag	Size	Type
H VII 57	06 15 18	+39 51 18	10.9	5.0’	OC II 2 m

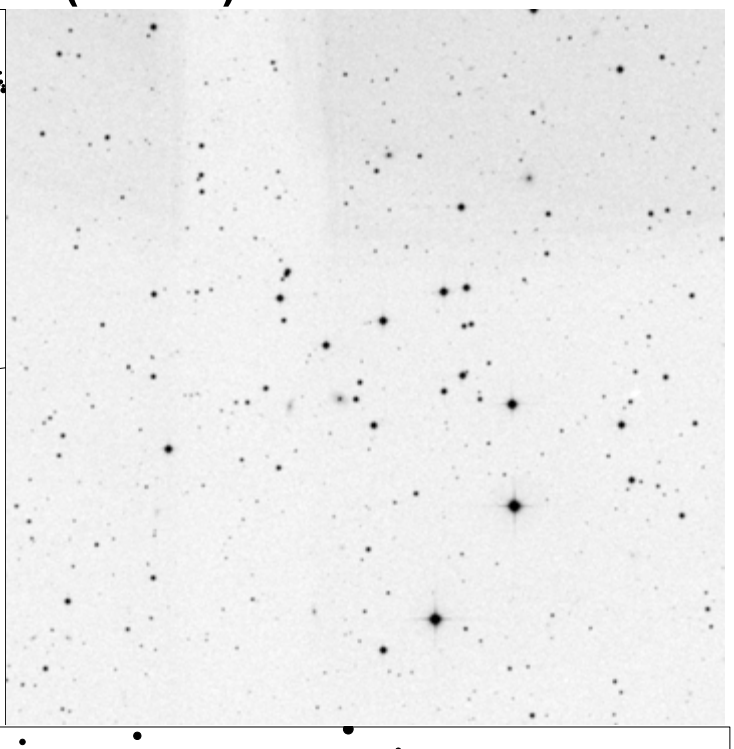
NGC 1662 (Orion)

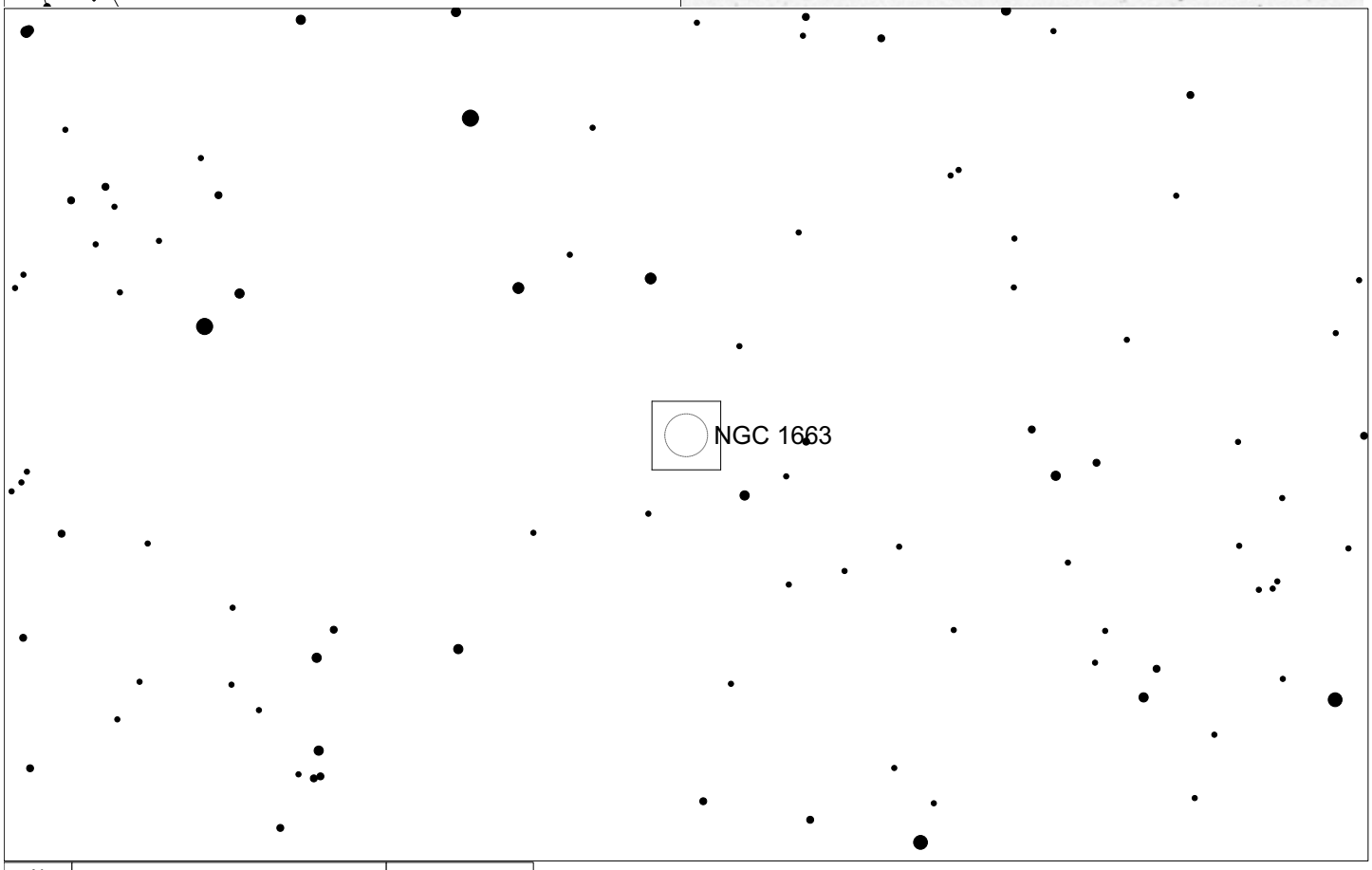


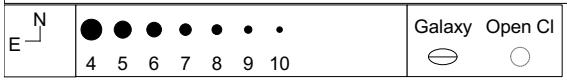
Herschel	RA	Dec	Mag	Size	Type
H VII 1	04 48 29	+10 55 48	6.4	20.0’	OC II 3 m

NGC 1663 (Orion)



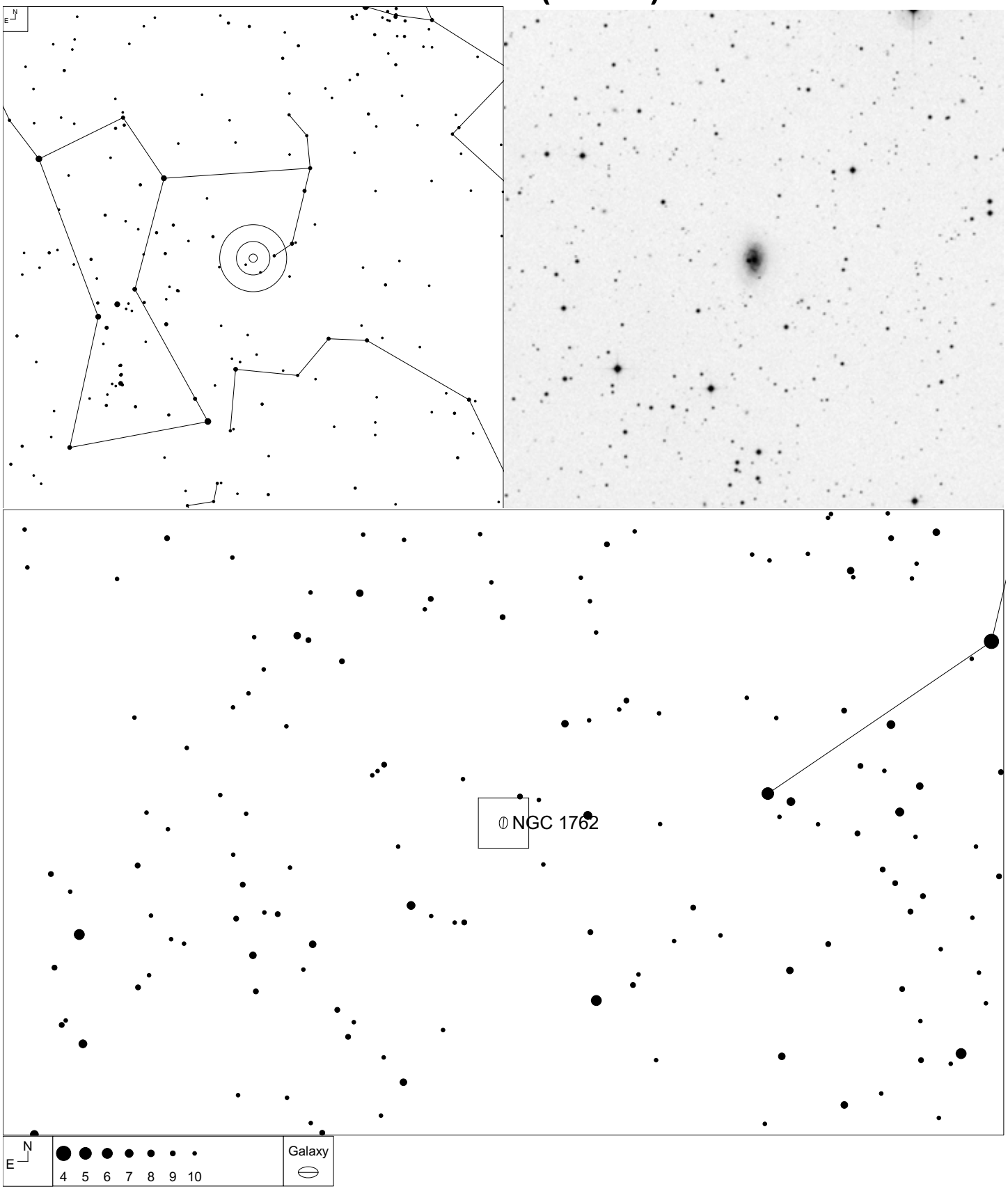






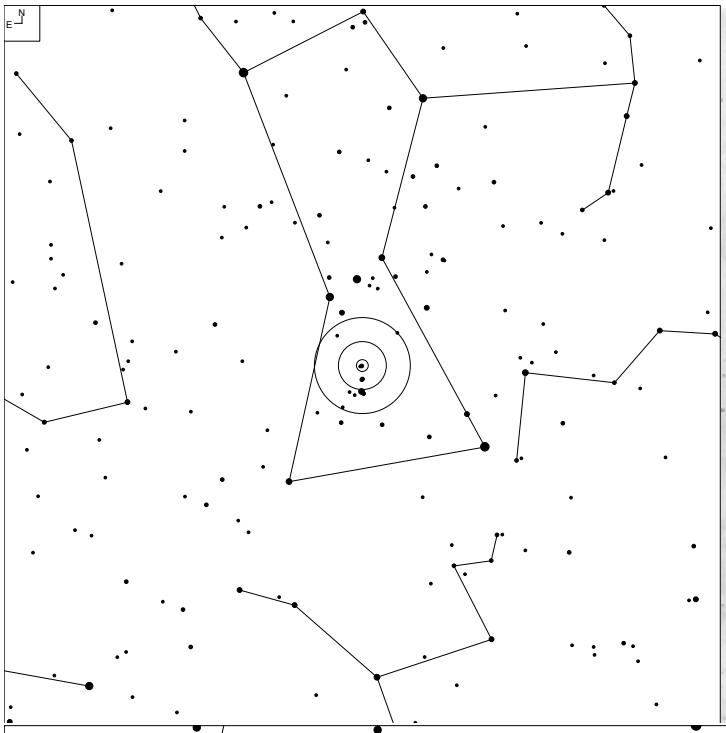
Herschel	RA	Dec	Mag	Size	Type
H VIII 7	04 49 24	+13 08 15		9’	OC IV 2 p

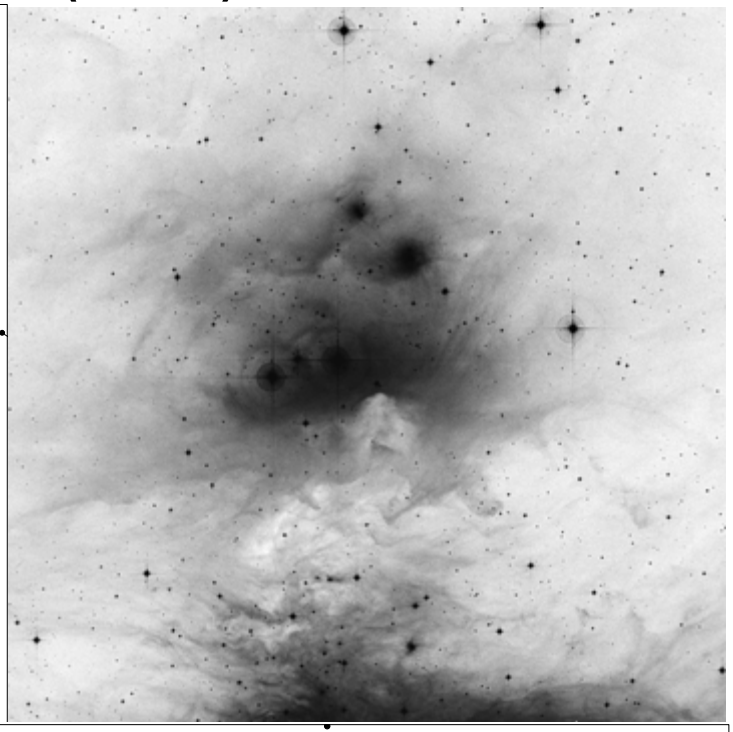
NGC 1762 (Orion)

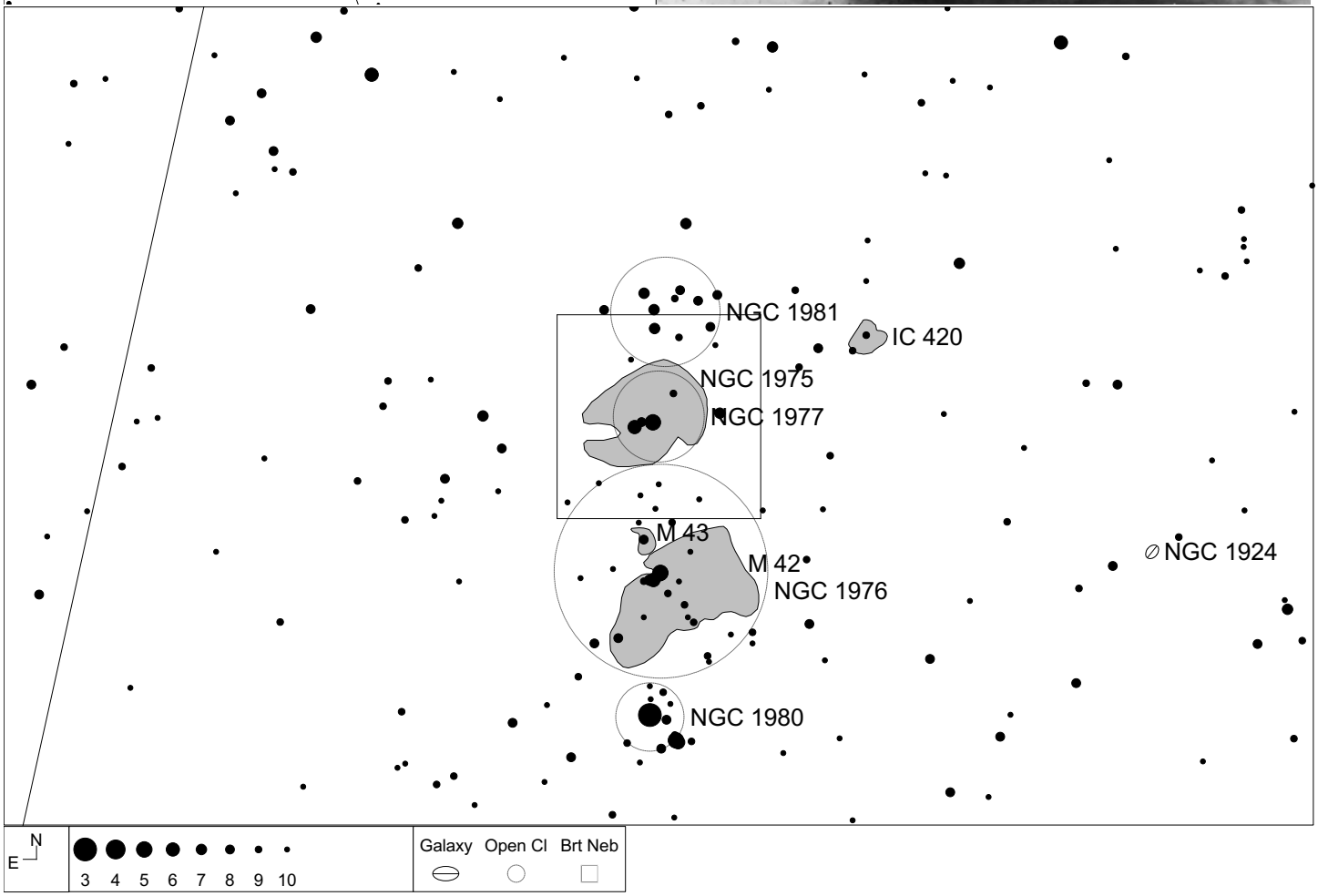


Herschel	RA	Dec	Mag	Size	Type
H III 453	05 03 37.0	+01 34 25	13.4b	1.7 x 1.2’	G SA(rs)c:

NGC 1977 (Orion)

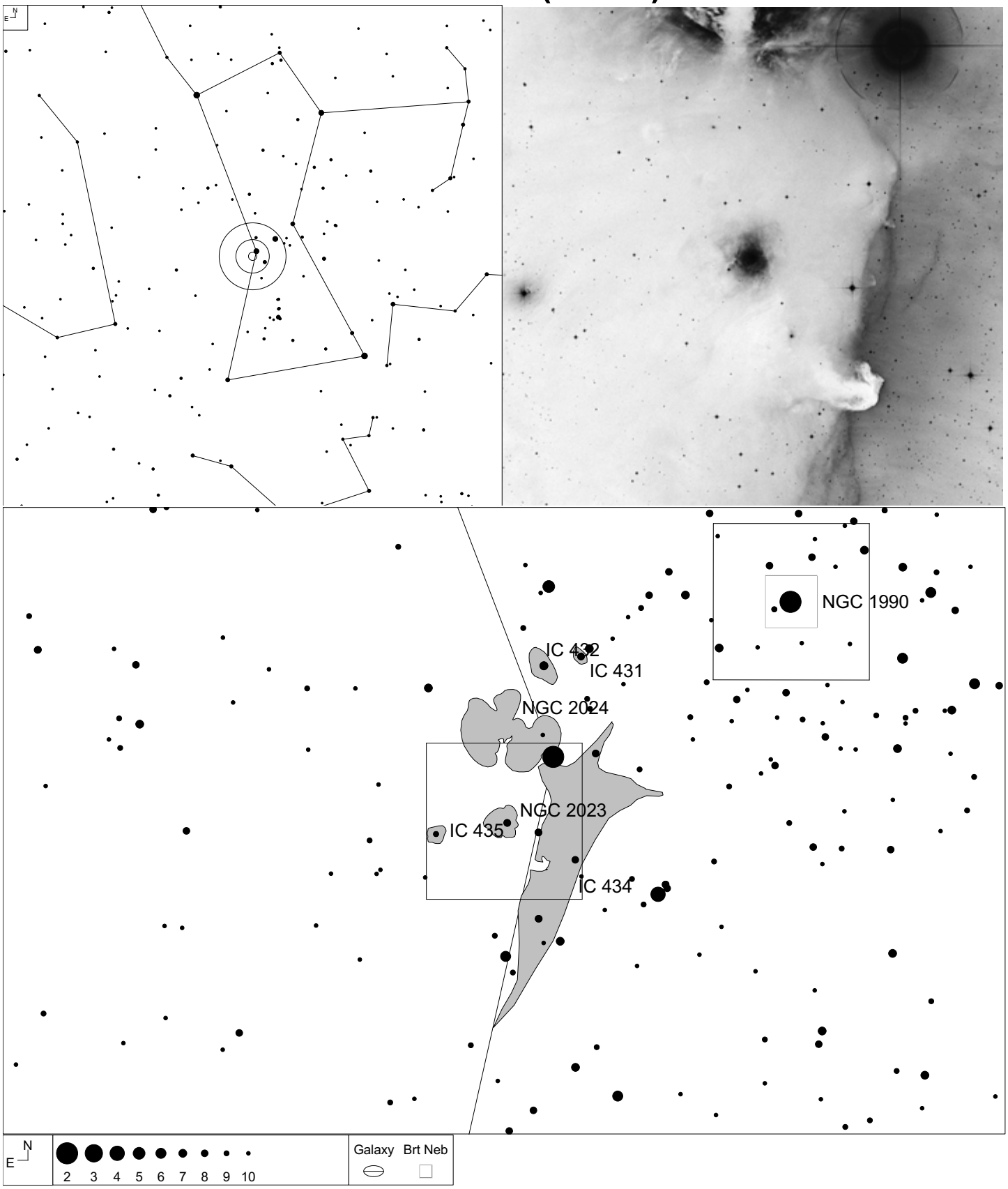






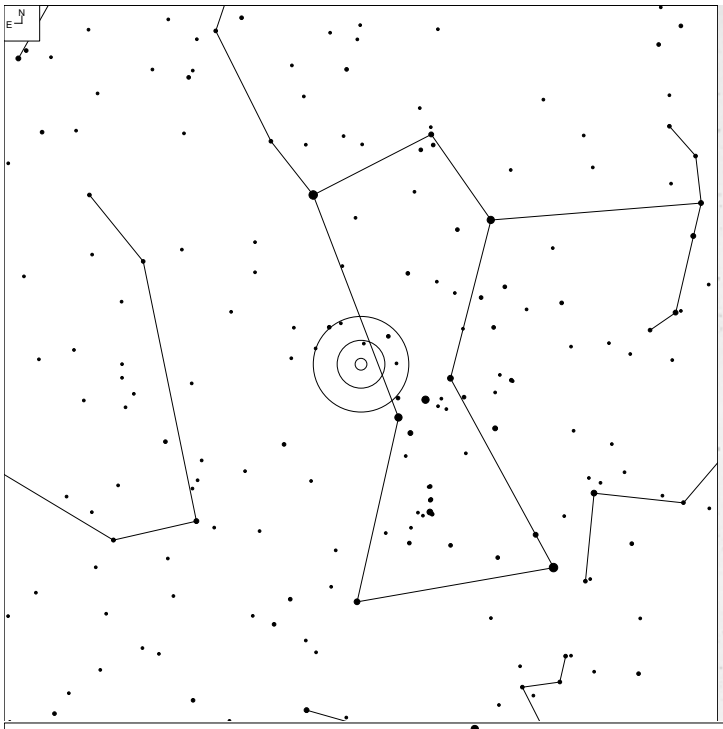
Herschel	RA	Dec	Mag	Size	Type
H V 30	05 35 15.8	-04 50 40		20 x 10’	EN + RN

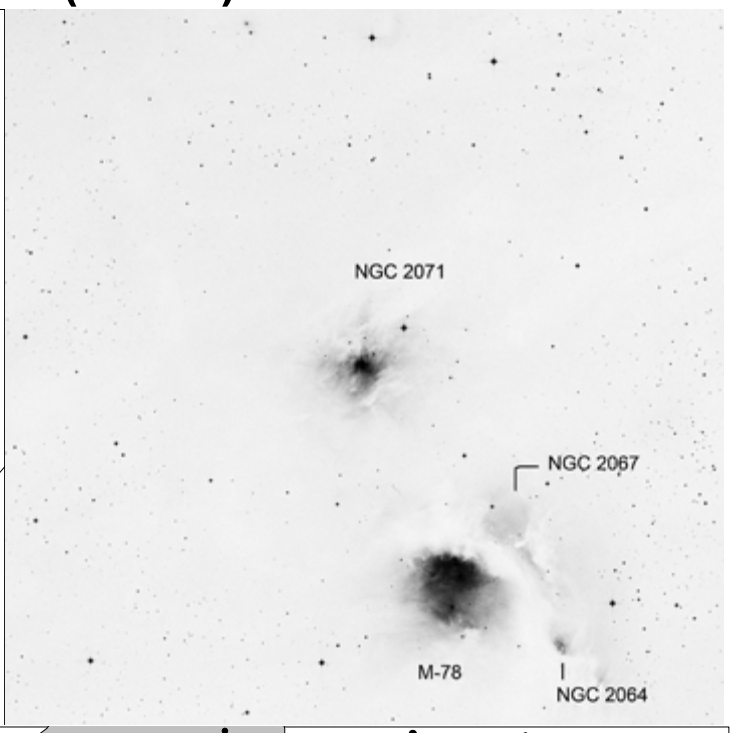
NGC 2023 (Orion)

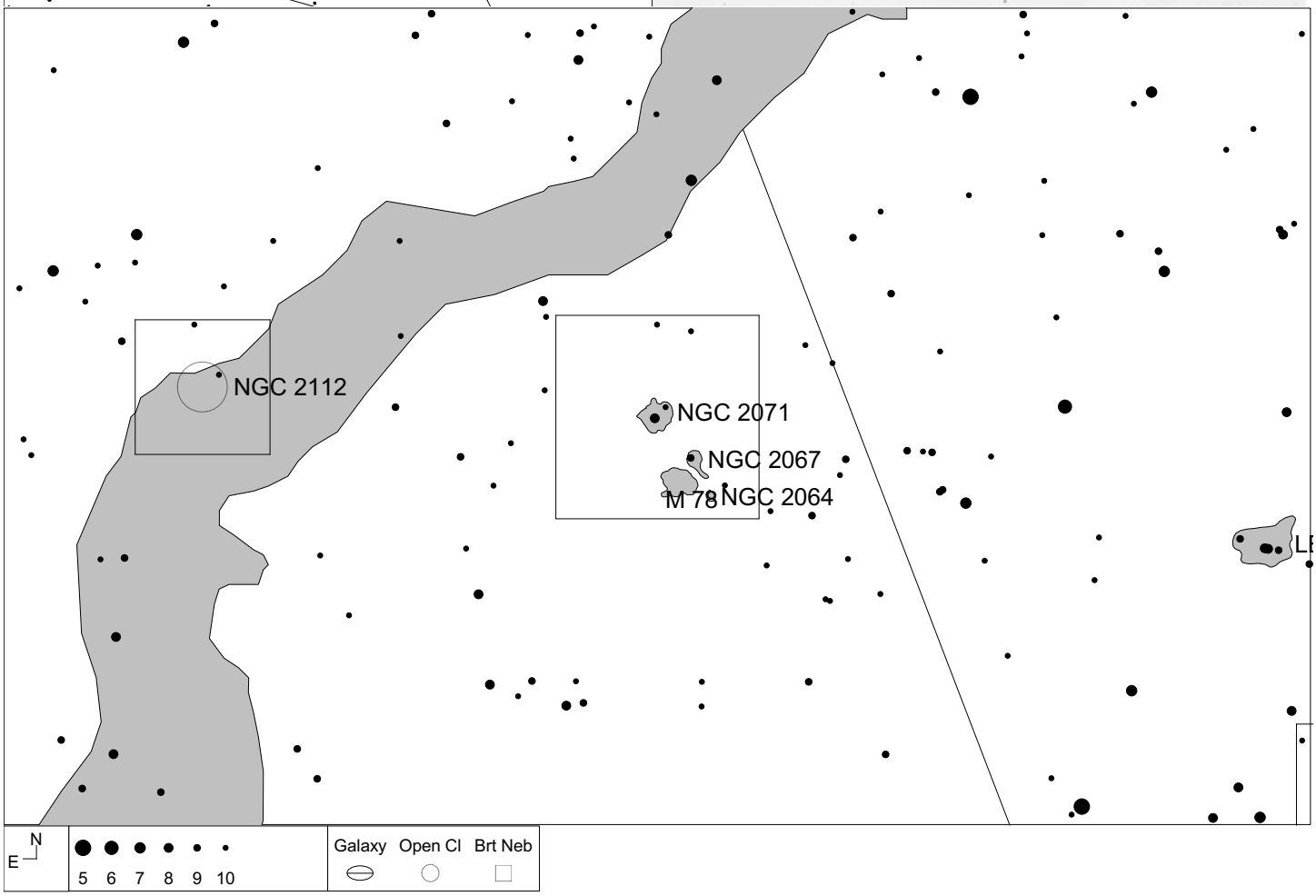


Herschel	RA	Dec	Mag	Size	Type
H IV 24	05 41 38.3	-02 15 33		10 x 10’	EN + RN

NGC 2071 (Orion)

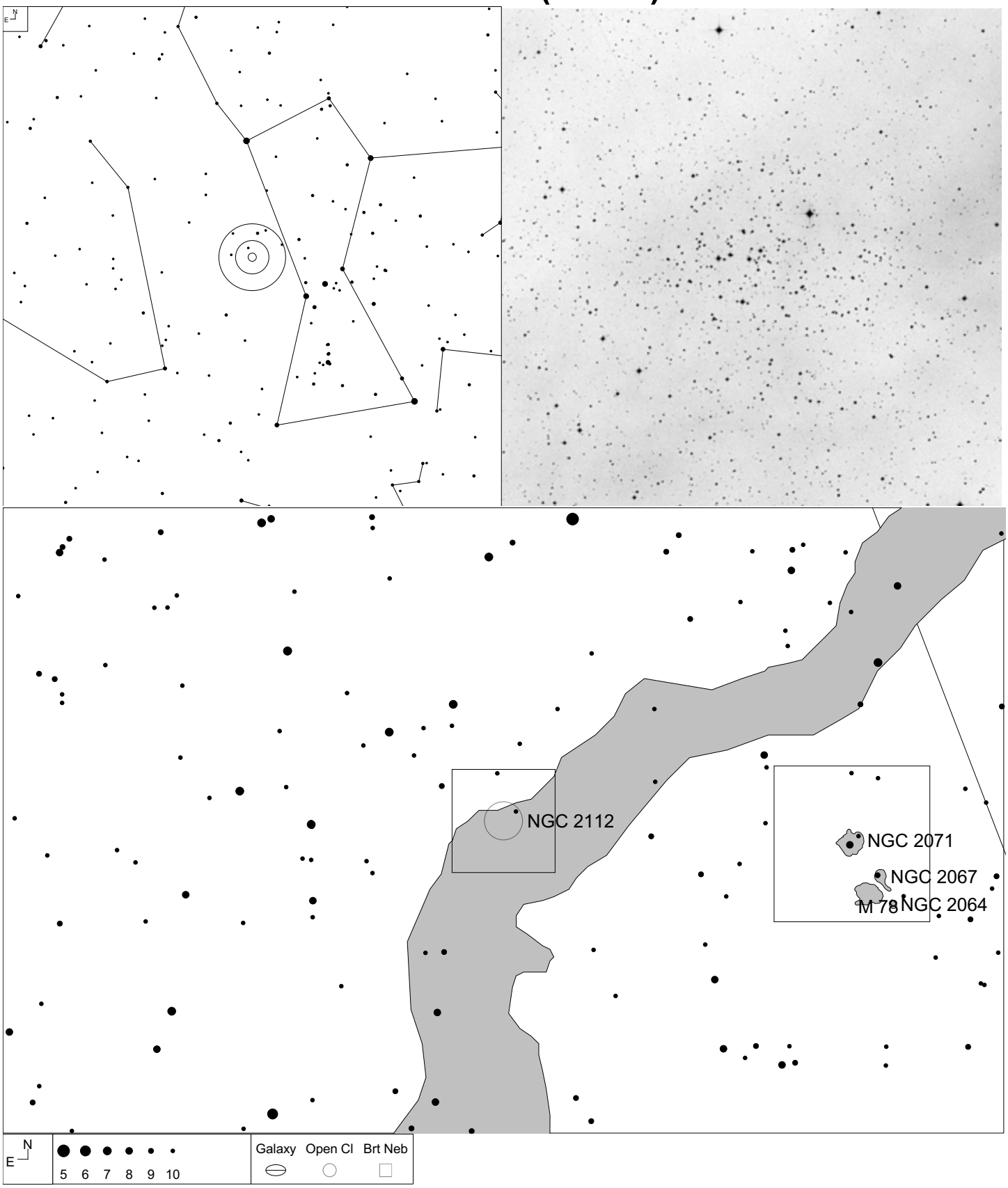






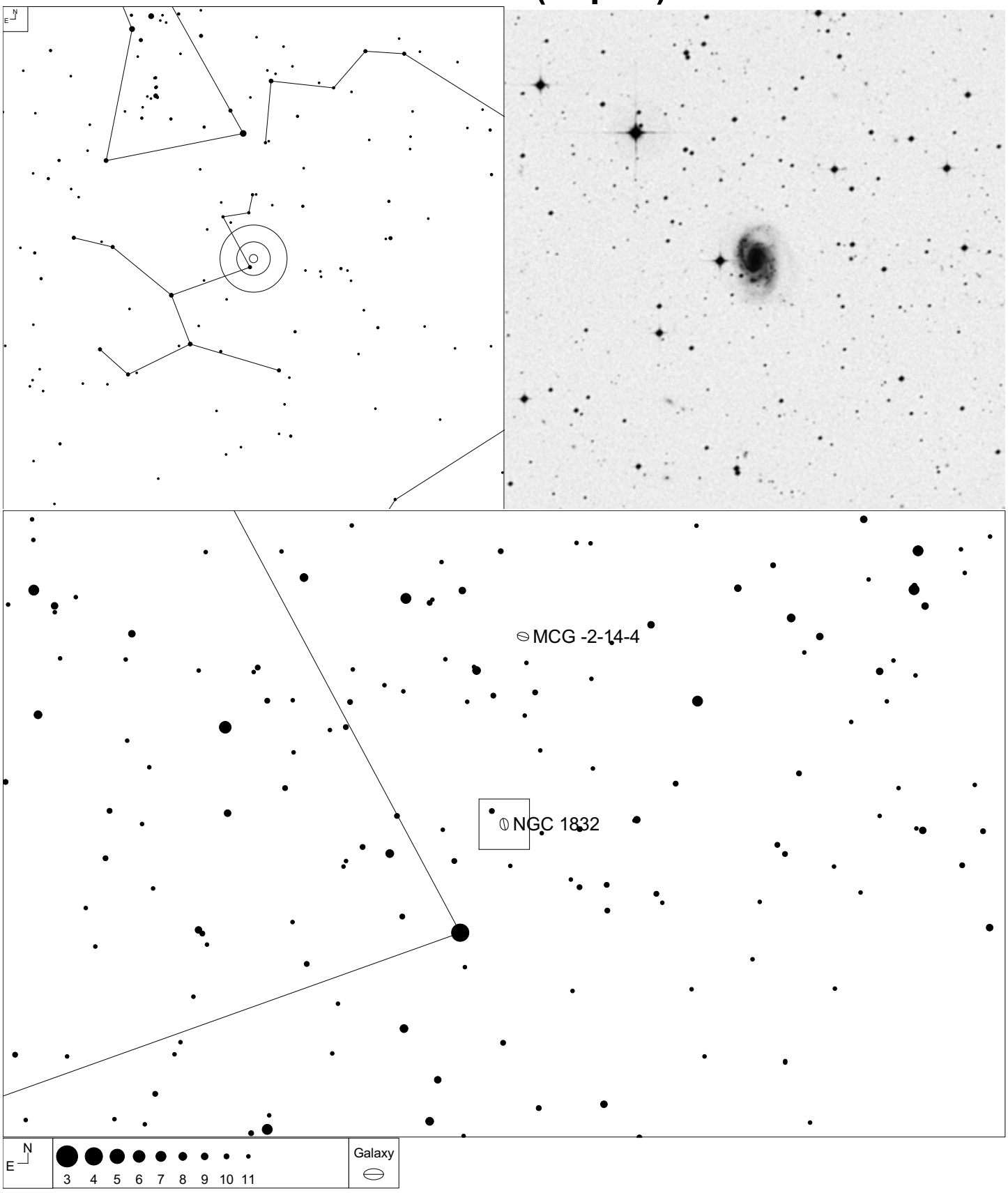
Herschel	RA	Dec	Mag	Size	Type
H IV 36	05 47 07.2	+00 17 39		8.0 x 7.7’	RN

NGC 2112 (Orion)



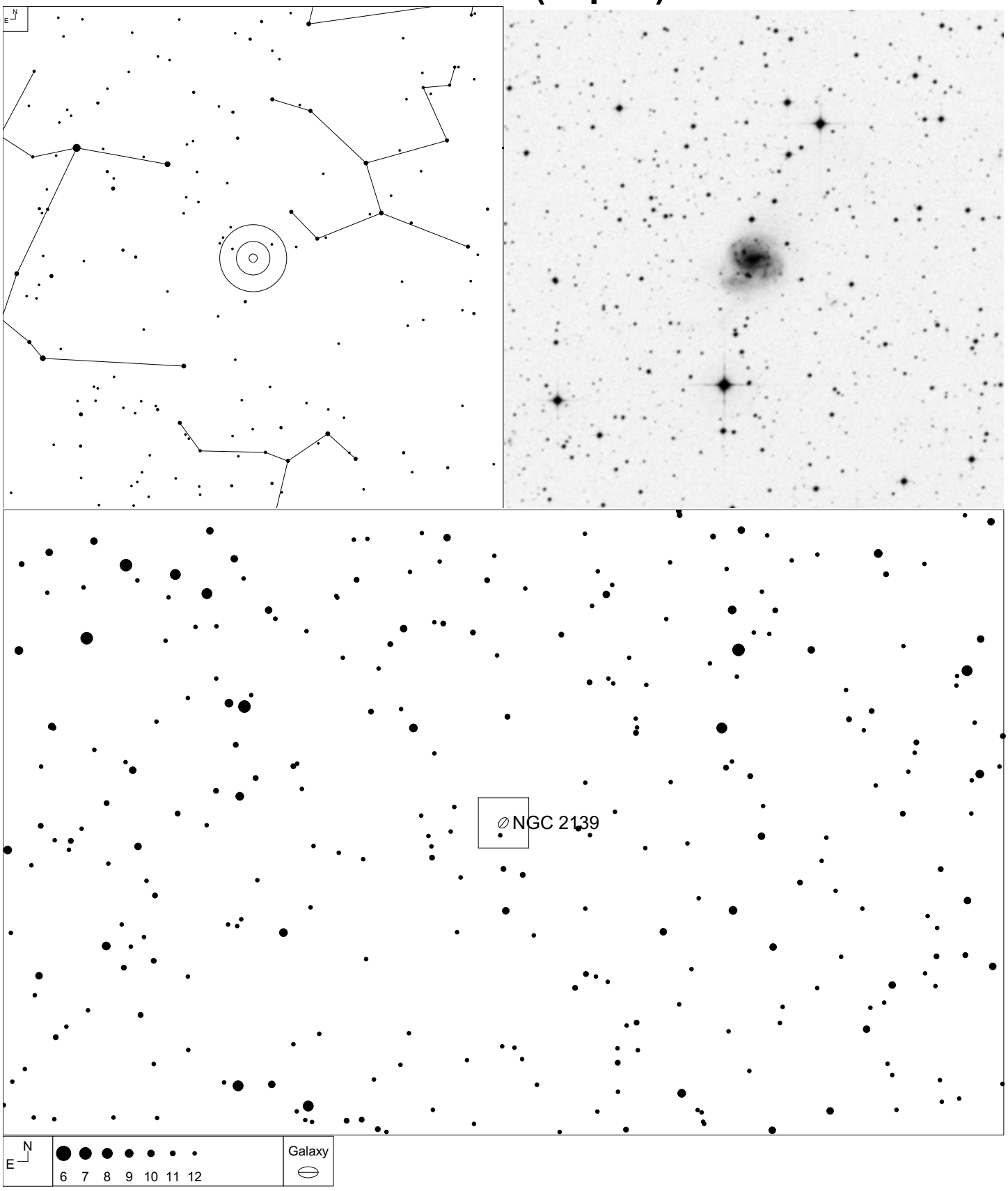
Herschel	RA	Dec	Mag	Size	Type
H VII 24	05 53 46	+00 24 36	9.1	11.0’	OC II 2 m n

NGC 1832 (Lepus)



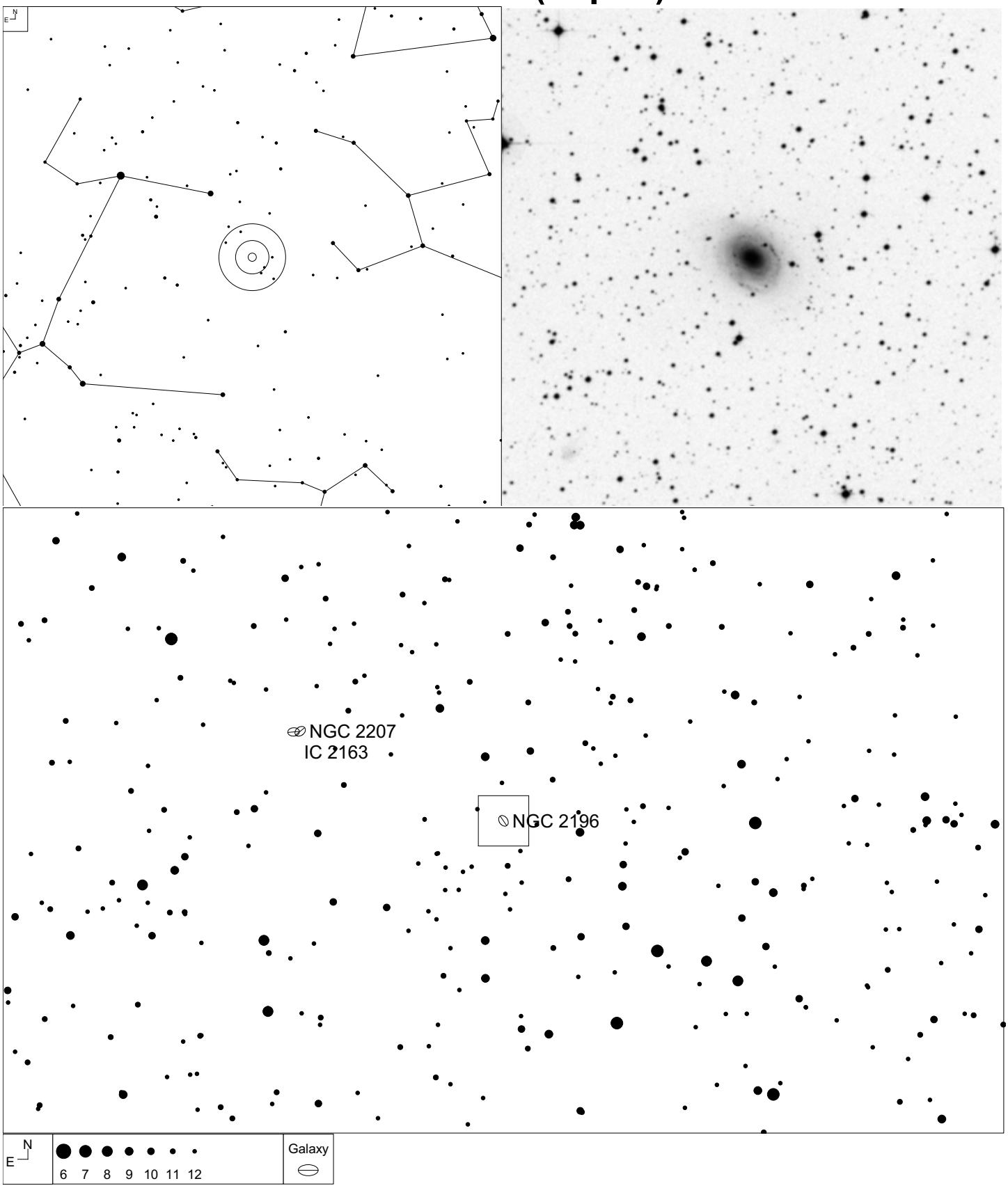
Herschel	RA	Dec	Mag	Size	Type
H II 292	05 12 03.2	-15 41 19	12.0b	2.5 x 1.6’	G SB(r)bc

NGC 2139 (Lepus)



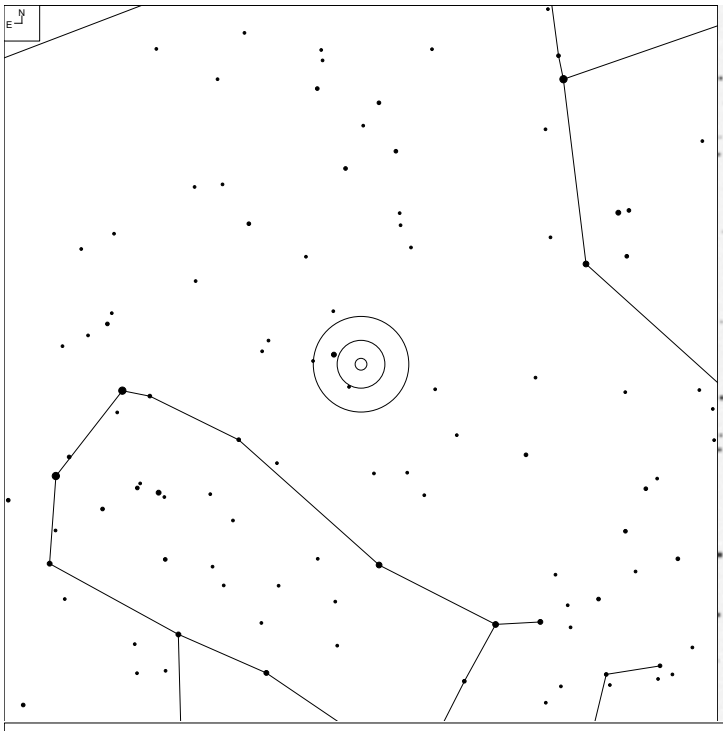
Herschel	RA	Dec	Mag	Size	Type
H II 264	06 01 07.9	-23 40 25	12.0b	2.6 x 1.9’	G SAB(rs)cd

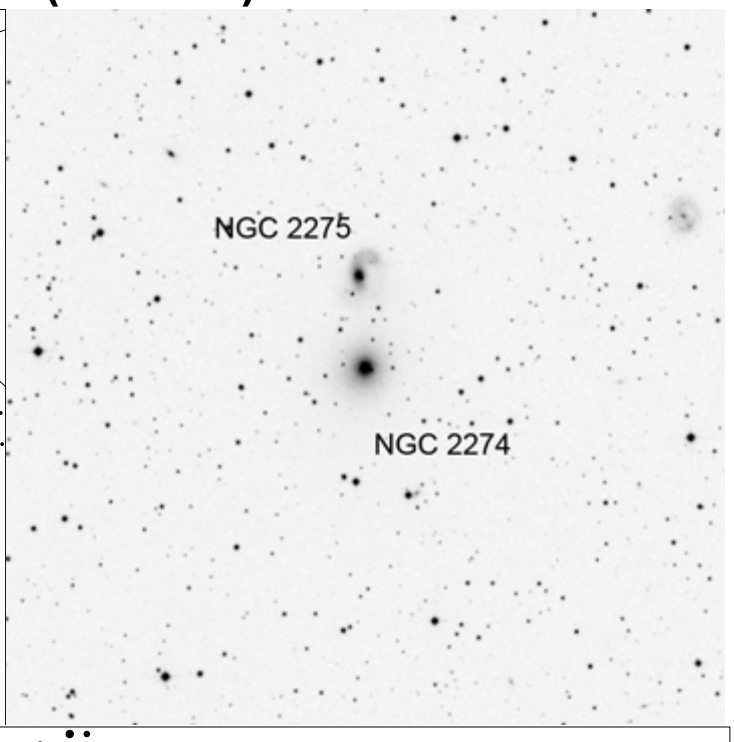
NGC 2196 (Lepus)

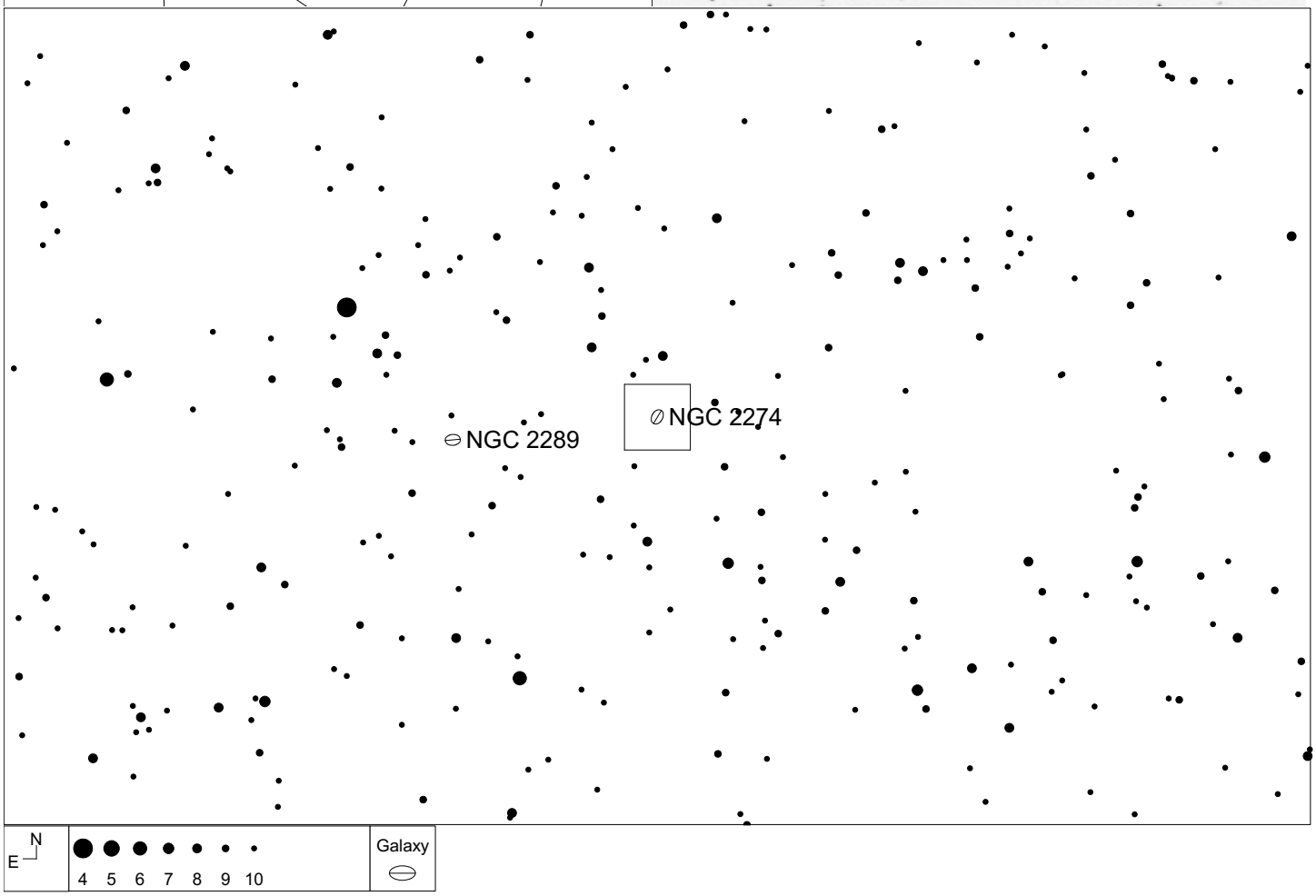


Herschel	RA	Dec	Mag	Size	Type
H II 265	06 12 09.5	-21 48 27	11.8b	2.8 x 2.1’	G (R’)SA(s)a

NGC 2274 (Gemini)

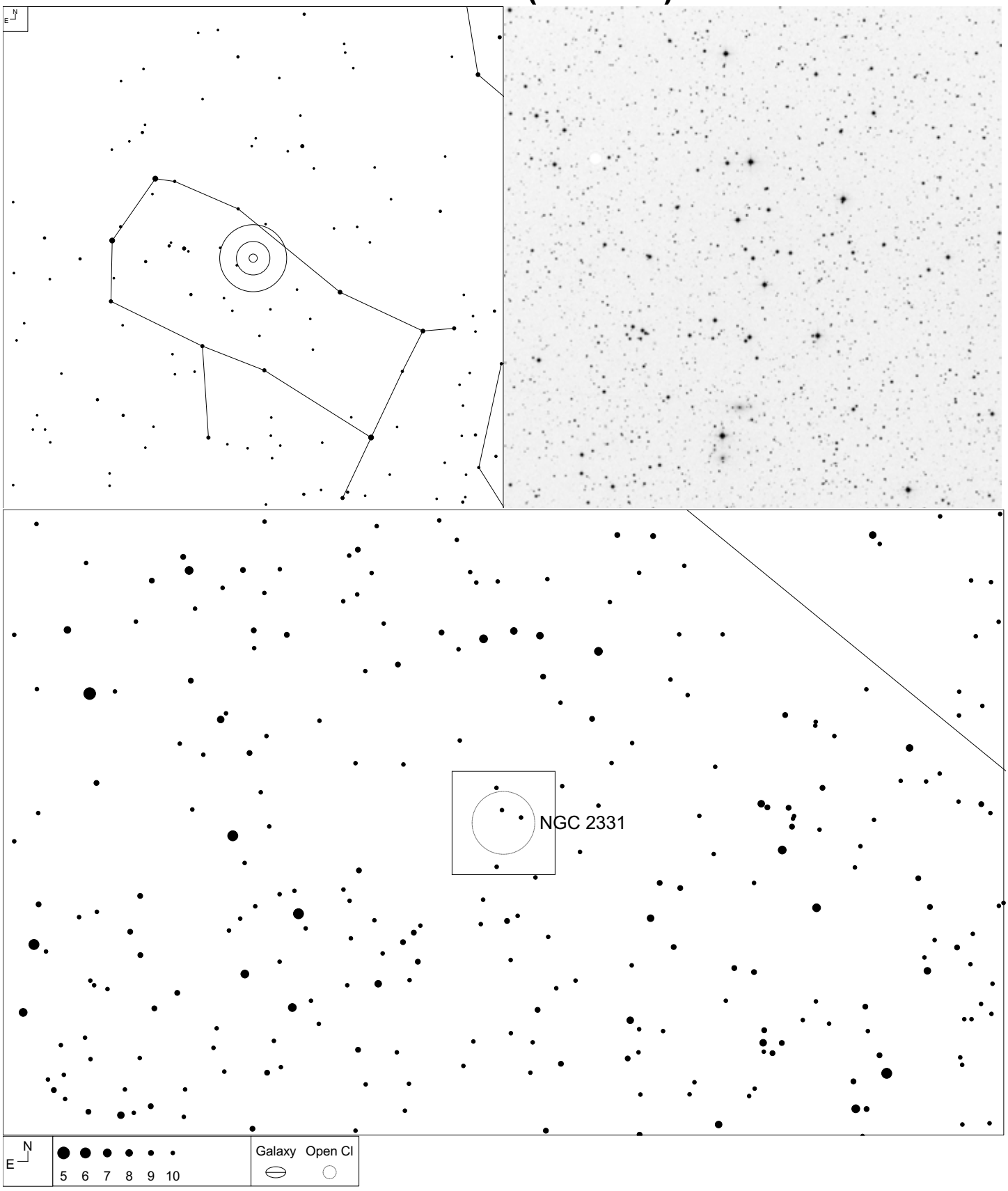






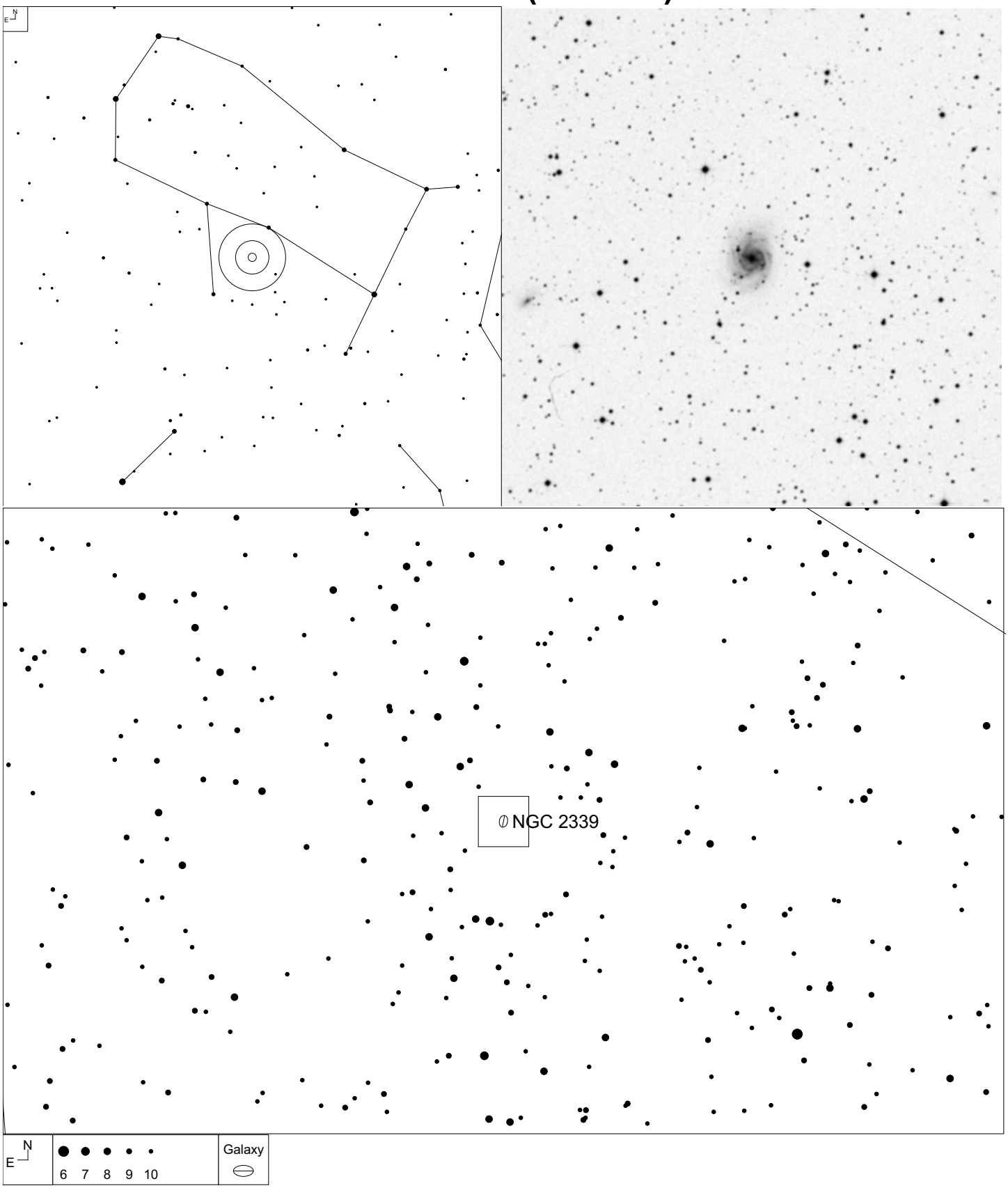
Herschel	RA	Dec	Mag	Size	Type
H II 615	06 47 17.3	+33 34 02	13.1p	1.2 x 1.0’	G E

NGC 2331 (Gemini)



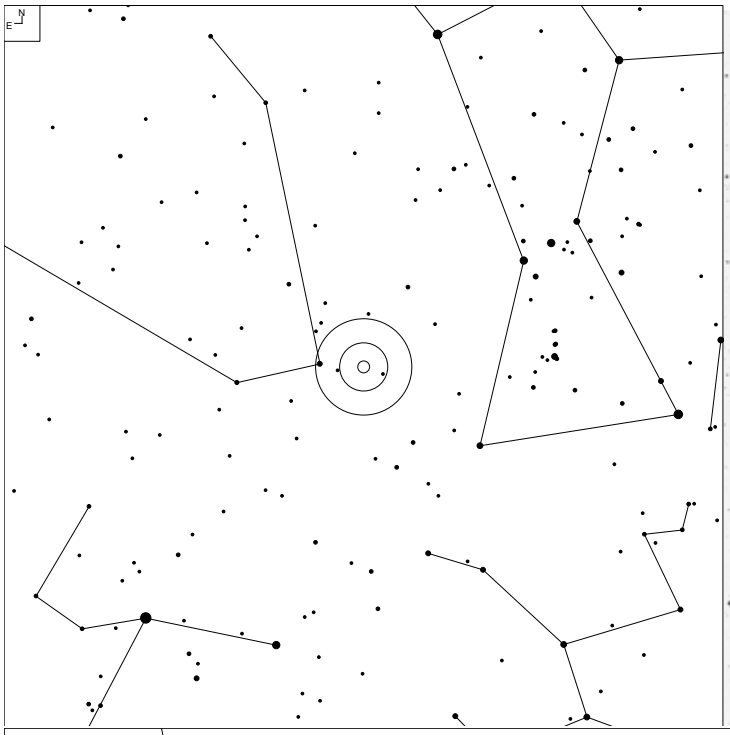
Herschel	RA	Dec	Mag	Size	Type
H VIII 40	07 07 00	+27 17 43	8.5	18’	OC IV 2 m

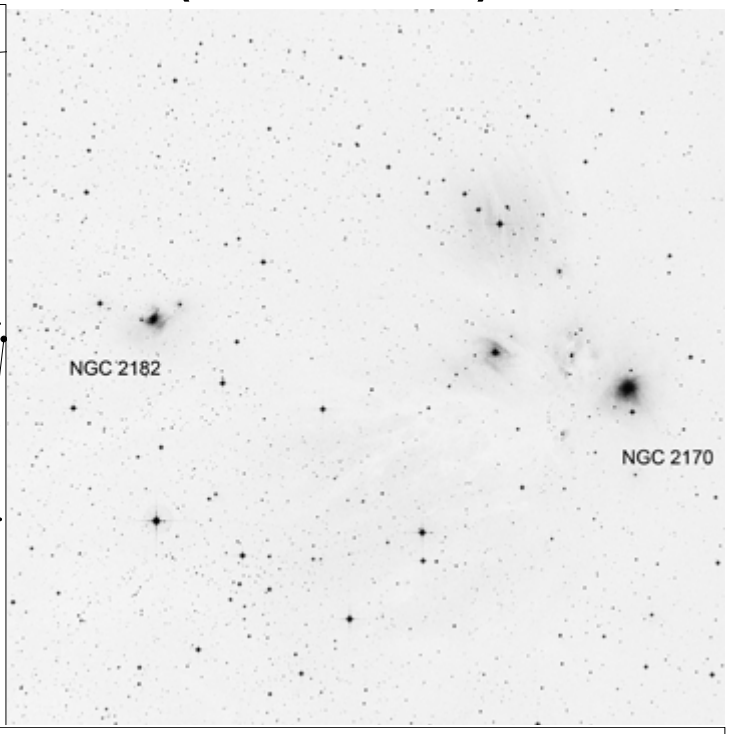
NGC 2339 (Gemini)

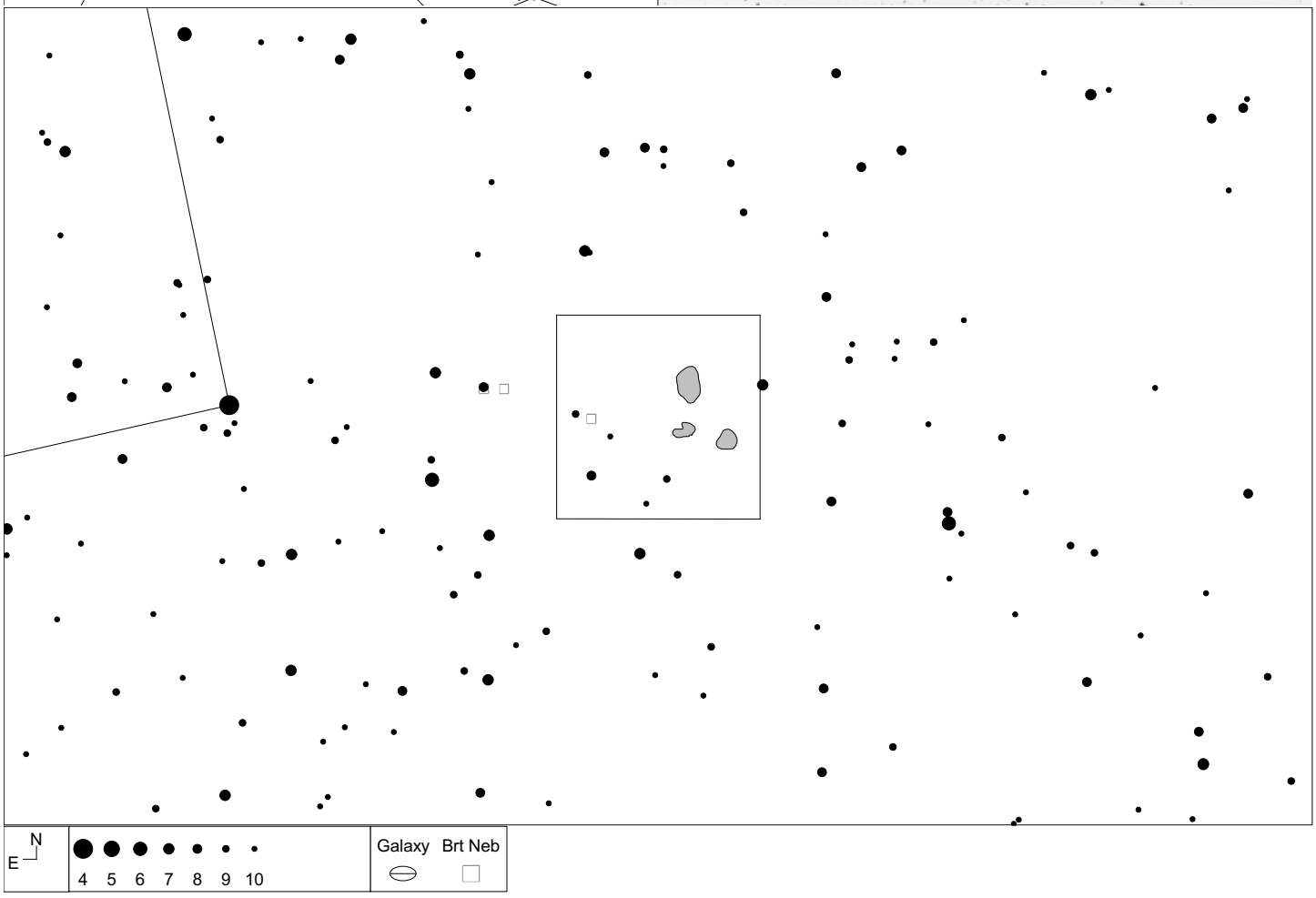


Herschel	RA	Dec	Mag	Size	Type
H II 769	07 08 20.5	+18 46 49	12.5b	2.8 x 2.0’	G SAB(rs)bc

NGC 2170 and NGC 2182 (Monoceros)

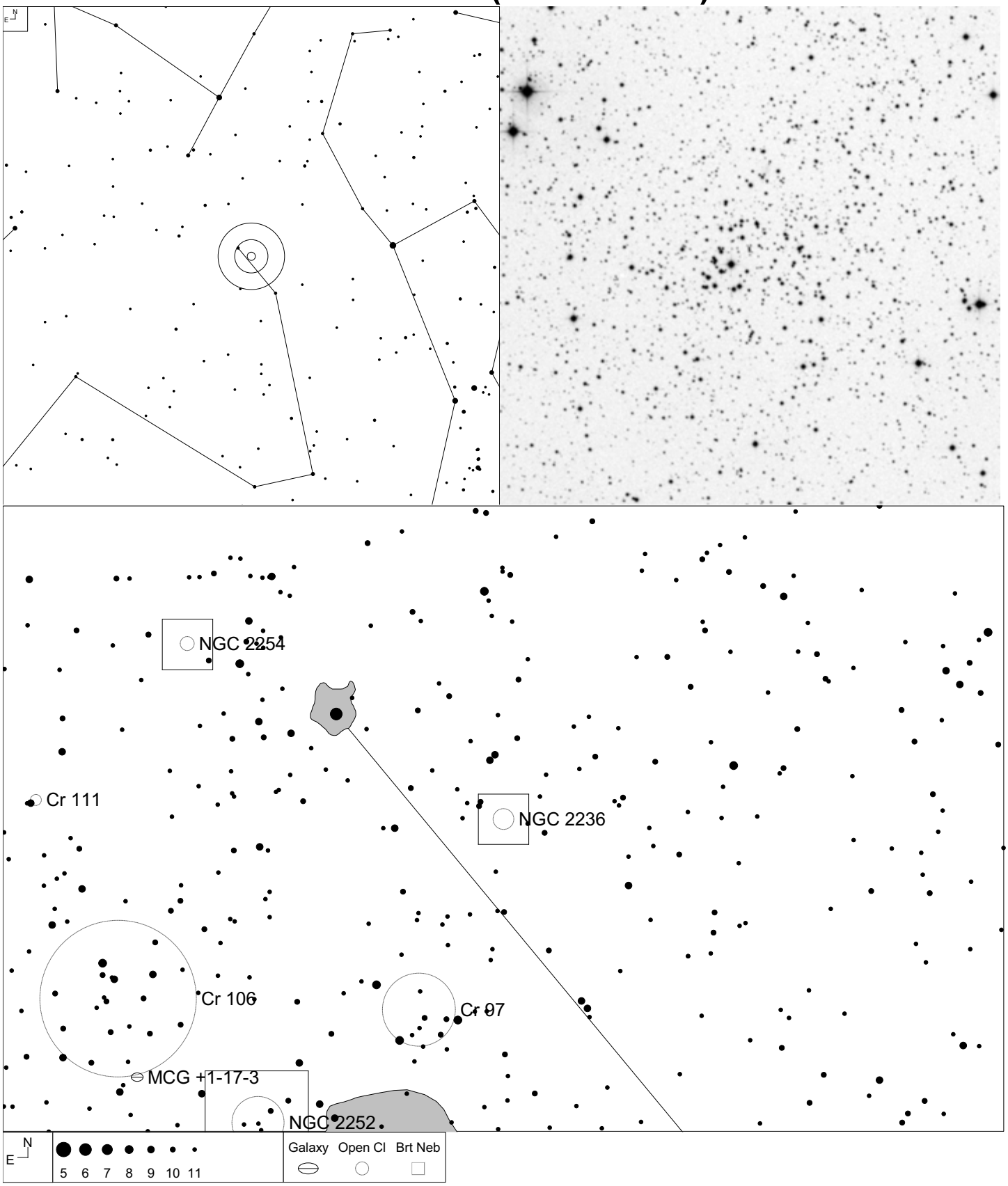






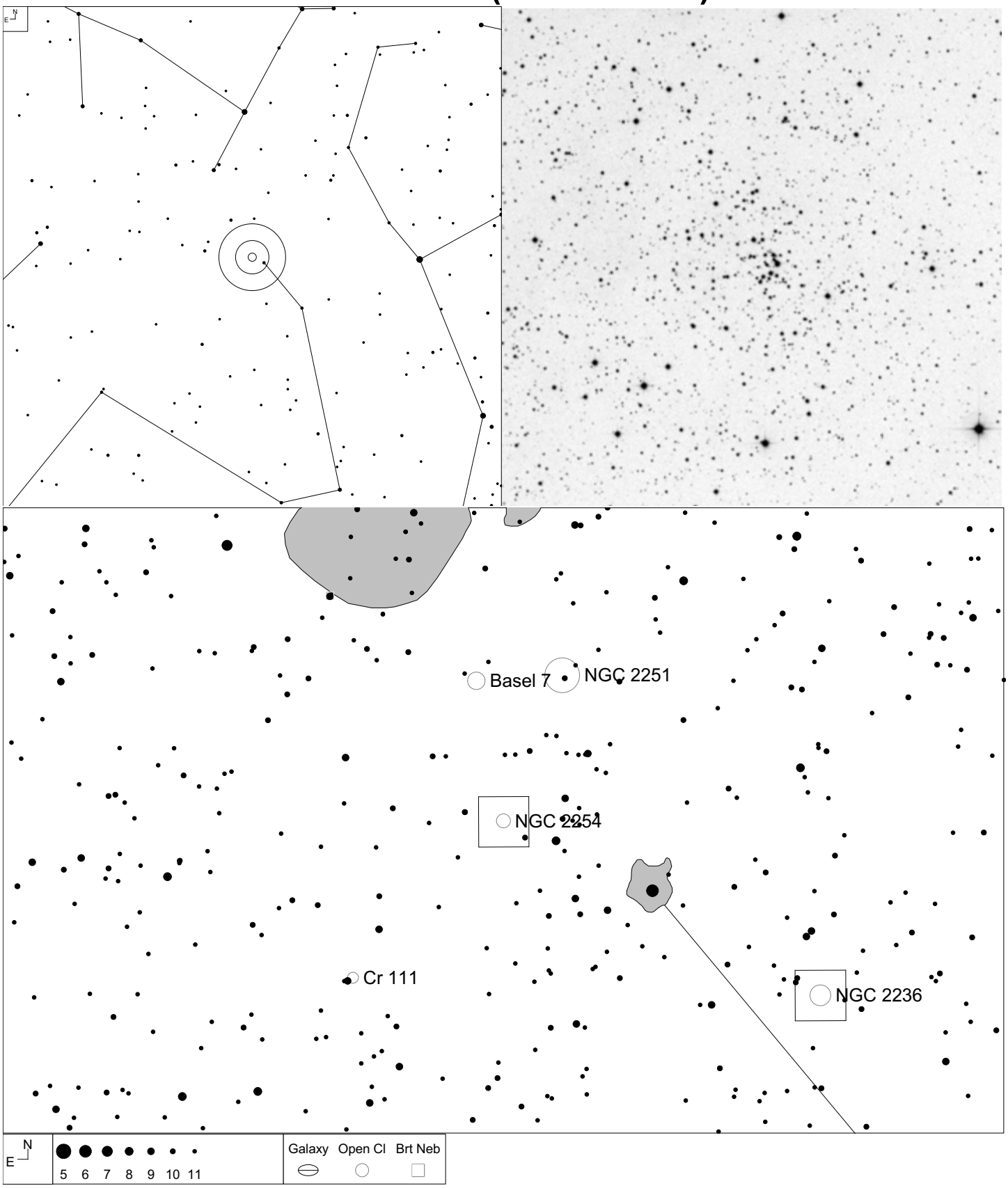
Herschel	RA	Dec	Mag	Size	Type
H IV 19	06 07 31.8	-06 23 57	-	2 x 2’	RN
H IV 38	06 09 30.9	-06 19 35	9.0b	2.0’	RN

NGC 2236 (Monoceros)



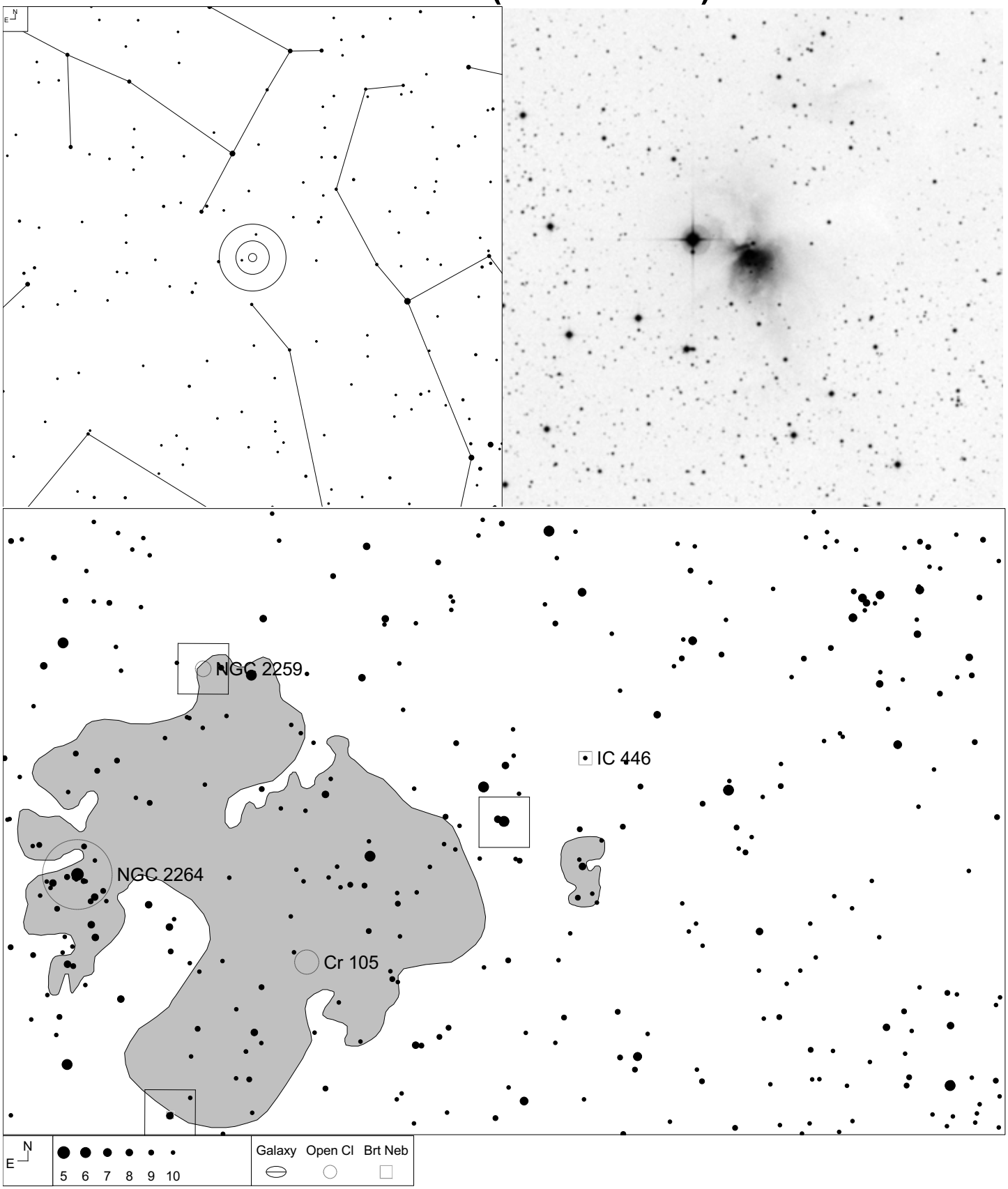
Herschel	RA	Dec	Mag	Size	Type
H VII 5	06 29 40	+06 49 48	8.5	6.0’	OC II 2 m

NGC 2254 (Monoceros)



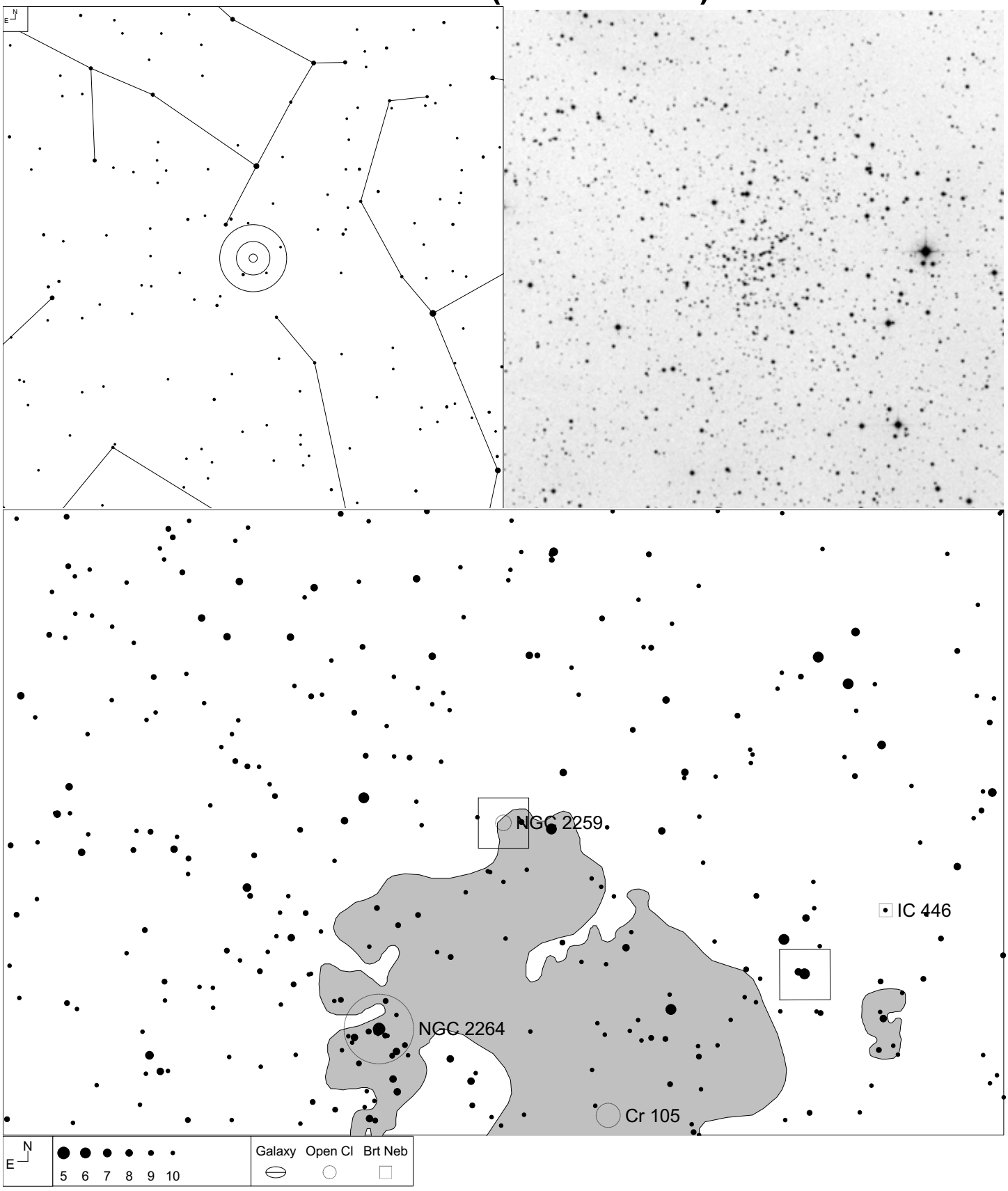
Herschel	RA	Dec	Mag	Size	Type
H VII 22	06 35 50	+07 40 07	9.1	4.0’	OC I 1 m

NGC 2245 (Monoceros)



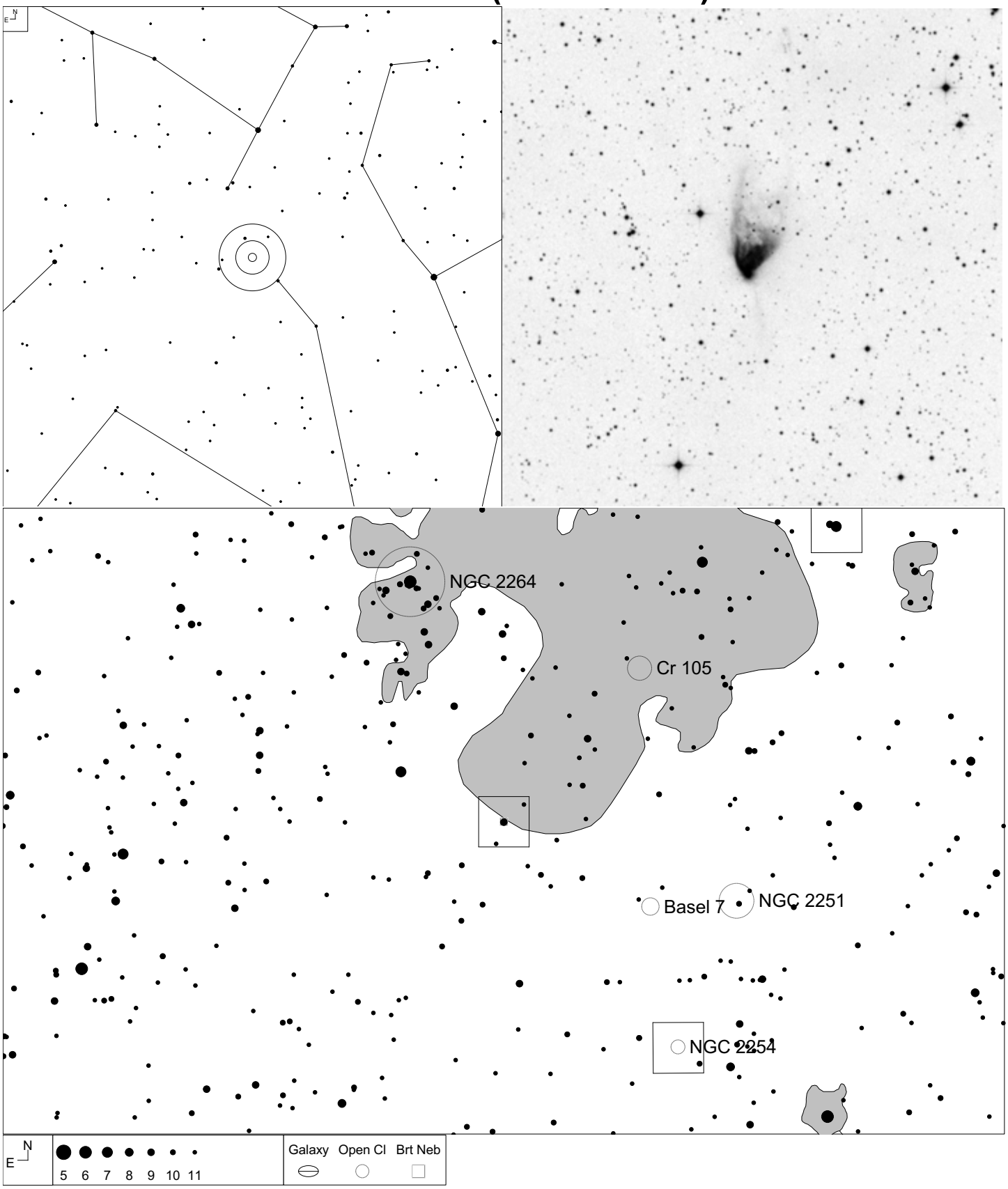
Herschel	RA	Dec	Mag	Size	Type
H IV 3	06 32 41.2	+10 09 24	11.0b	2.0’	RN

NGC 2259 (Monoceros)



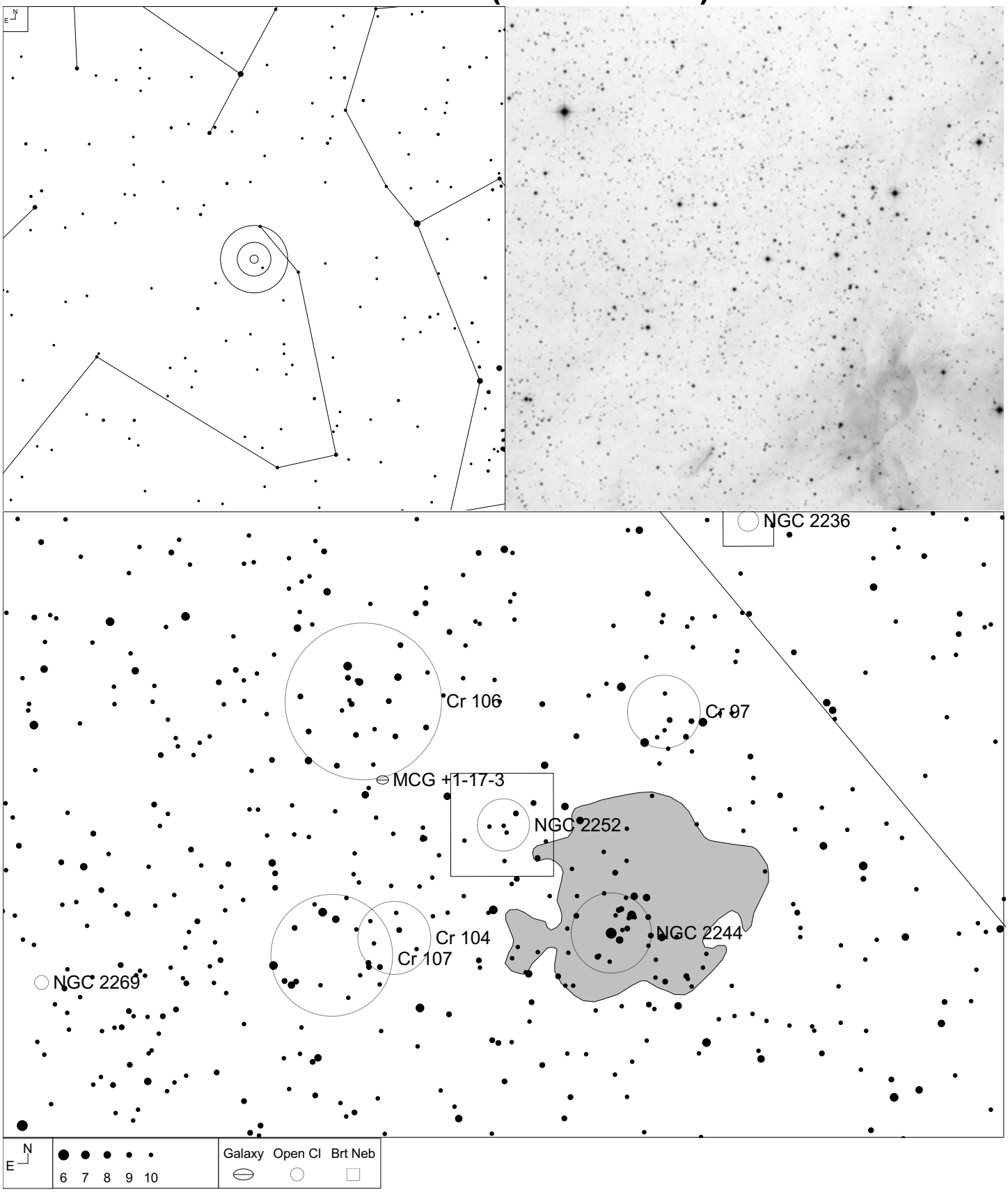
Herschel	RA	Dec	Mag	Size	Type
H VI 28	06 38 33.3	+10 52 57	10.8	4.5’	OC II 1 p n

NGC 2261 (Monoceros)



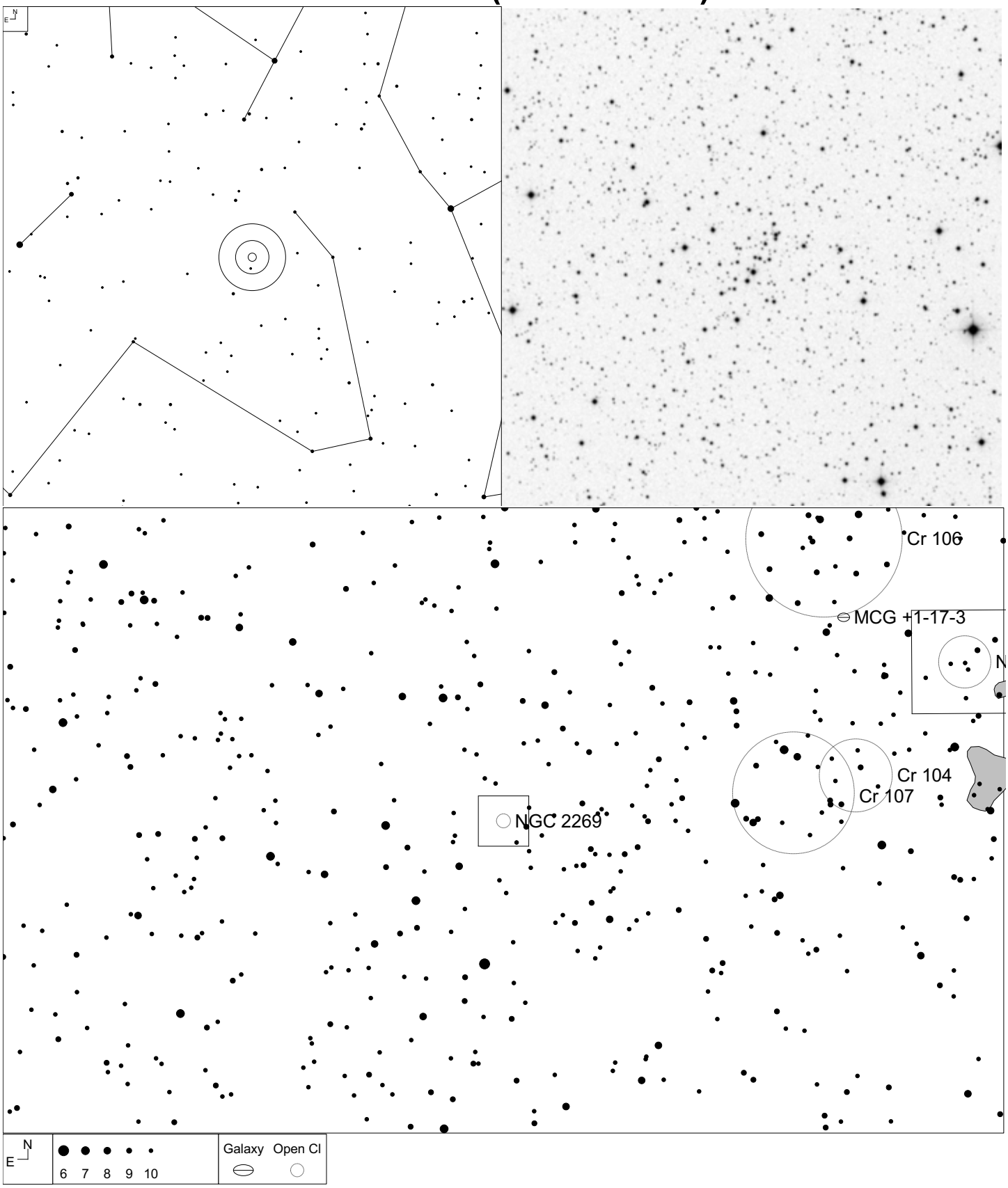
Herschel	RA	Dec	Mag	Size	Type
H IV 2	06 39 10	+08 44 52	-	2.0 x 1.7’	RN

NGC 2252 (Monoceros)



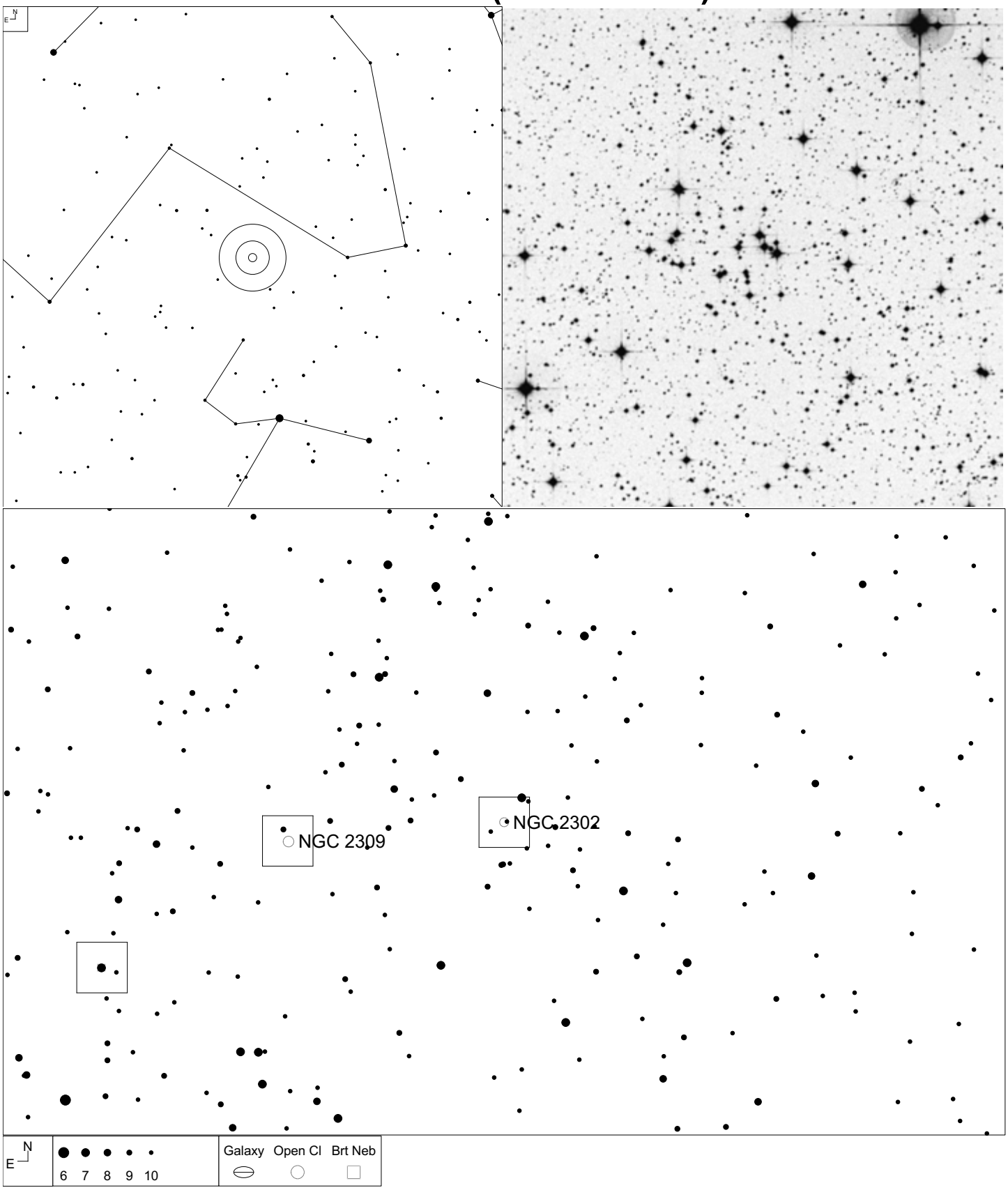
Herschel	RA	Dec	Mag	Size	Type
H VIII 50	06 34 19.8	+05 19 22	7.7	15.0’	OC III 2 m n

NGC 2269 (Monoceros)



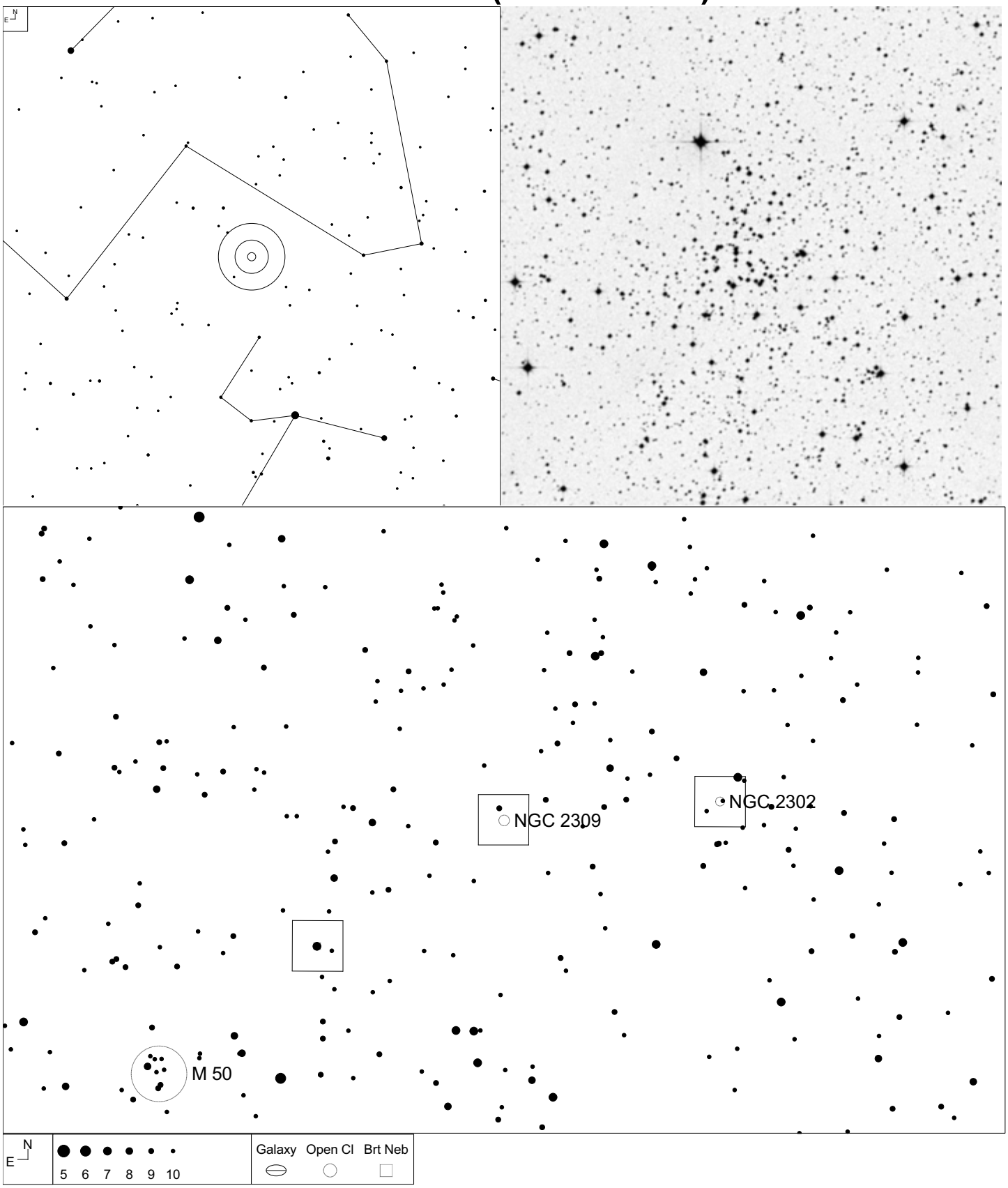
Herschel	RA	Dec	Mag	Size	Type
H VI 3	06 43 16.8	+04 37 04	10.0	4.0’	OC II 1 p

NGC 2302 (Monoceros)



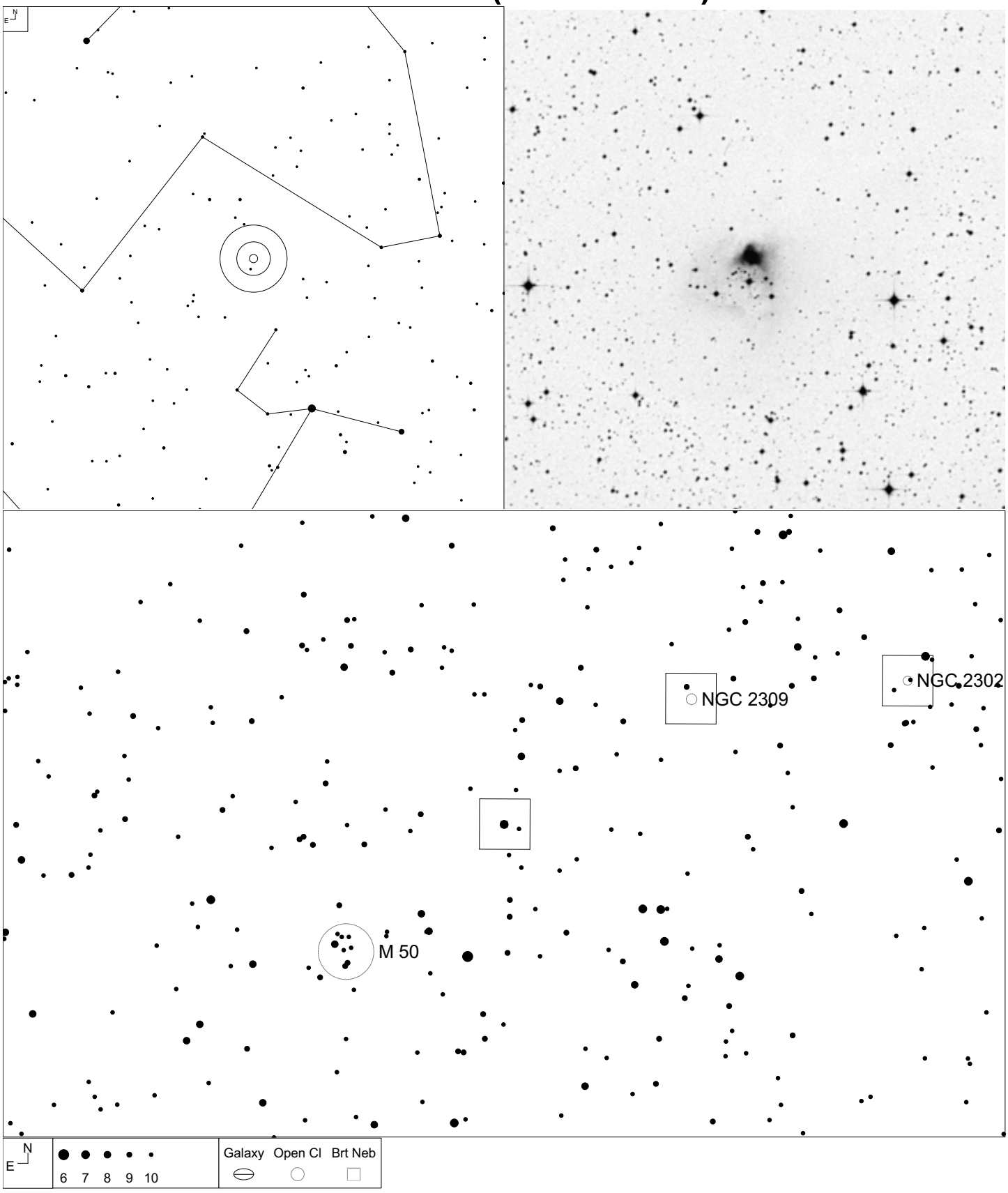
Herschel	RA	Dec	Mag	Size	Type
H VIII 39	06 51 54	-07 05 00	8.9	2.5’	OC III 2 m

NGC 2309 (Monoceros)



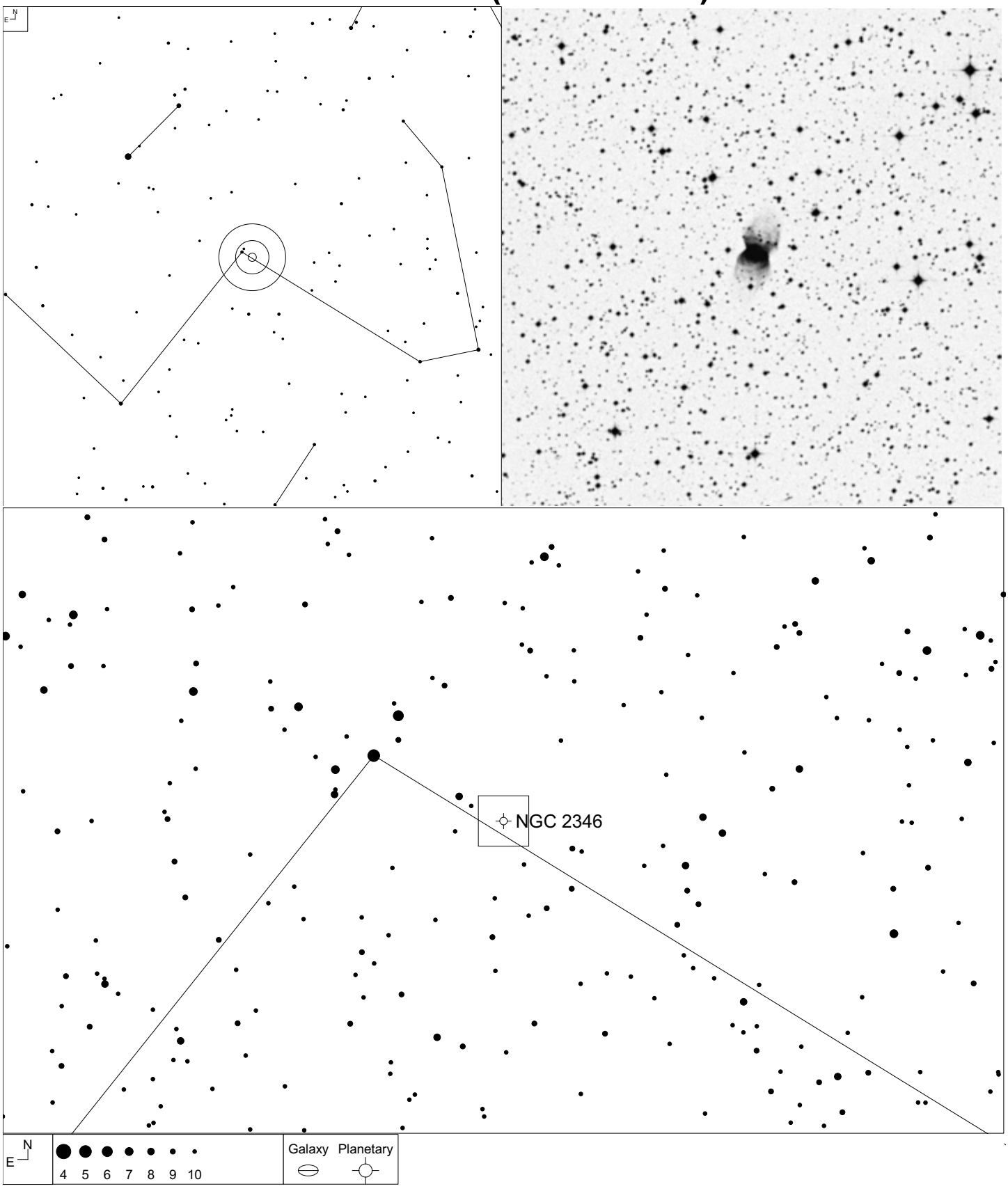
Herschel	RA	Dec	Mag	Size	Type
H VI 18	06 56 04	-07 10 30	10.5	3.0’	OC I 2 m

NGC 2316 (Monoceros)



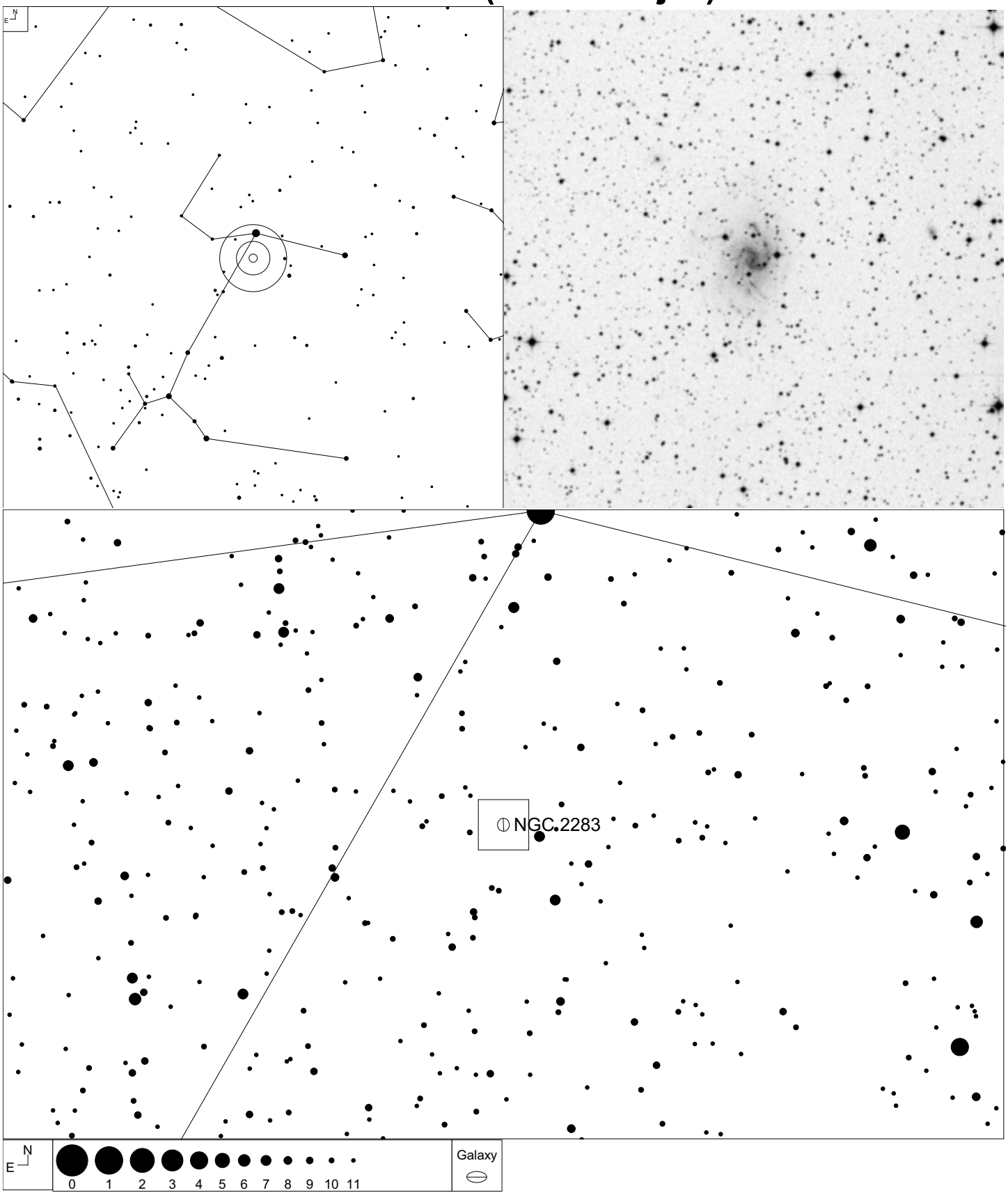
Herschel	RA	Dec	Mag	Size	Type
H II 304	06 59 40.8	-07 46 40		1.5’	E+R

NGC 2346 (Monoceros)



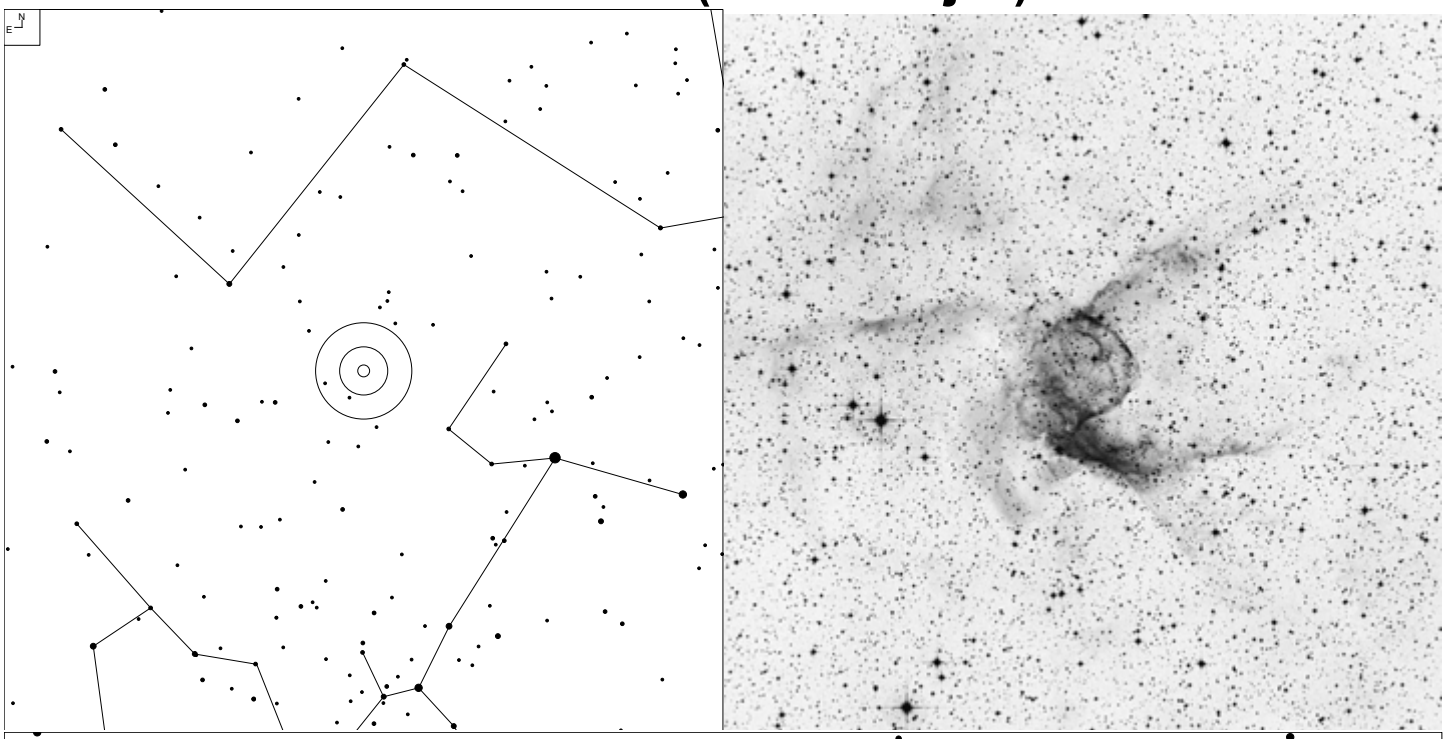
Herschel	RA	Dec	Mag	Size	Type
H IV 65	07 09 22.5	-00 48 23	11.8p	120”	PN 3b + 4

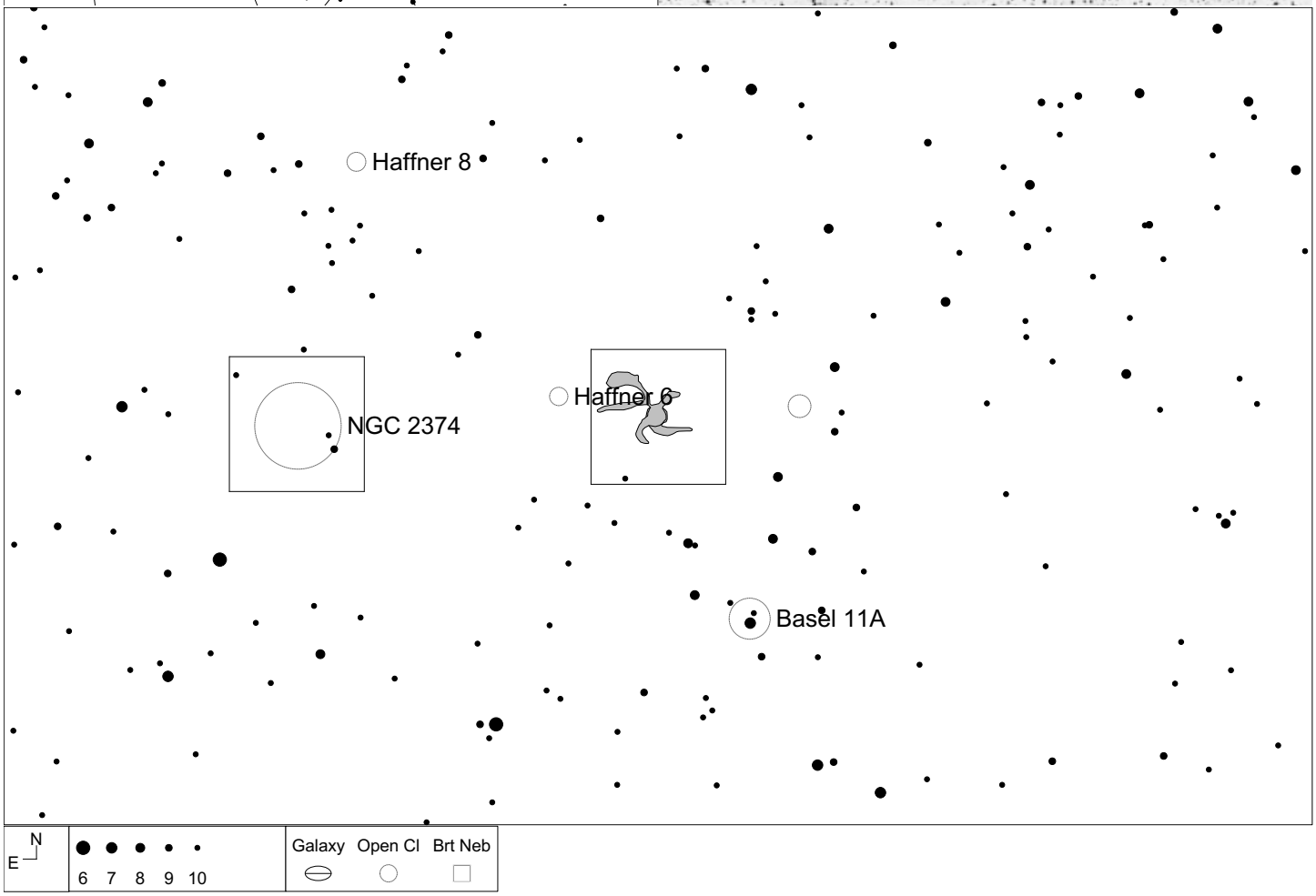
NGC 2283 (Canis Major)



Herschel	RA	Dec	Mag	Size	Type
H III 271	06 45 52.7	-18 12 37	12.9p	3.6 x 2.7’	G SB(s)cd

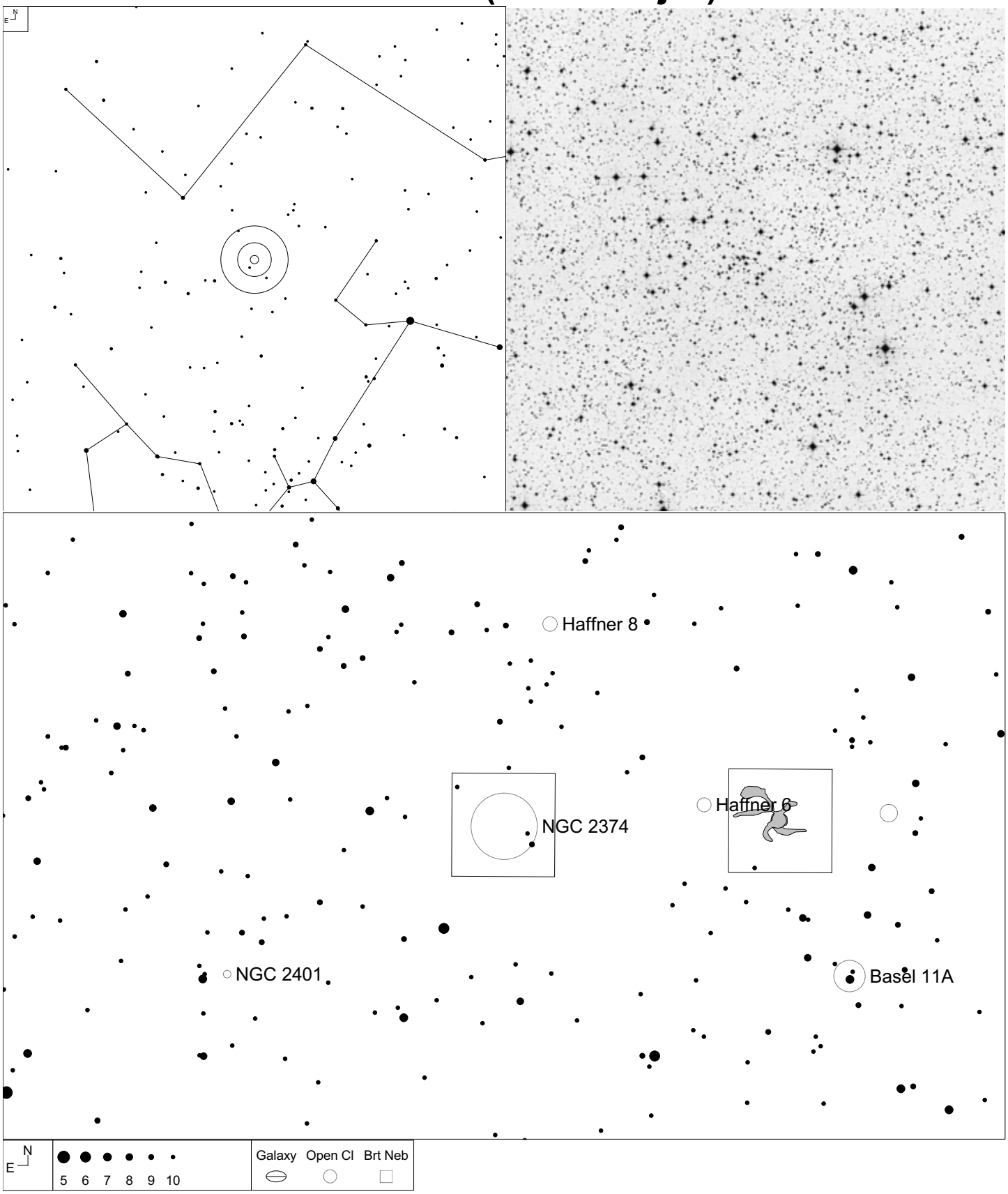
NGC 2359 (Canis Major)





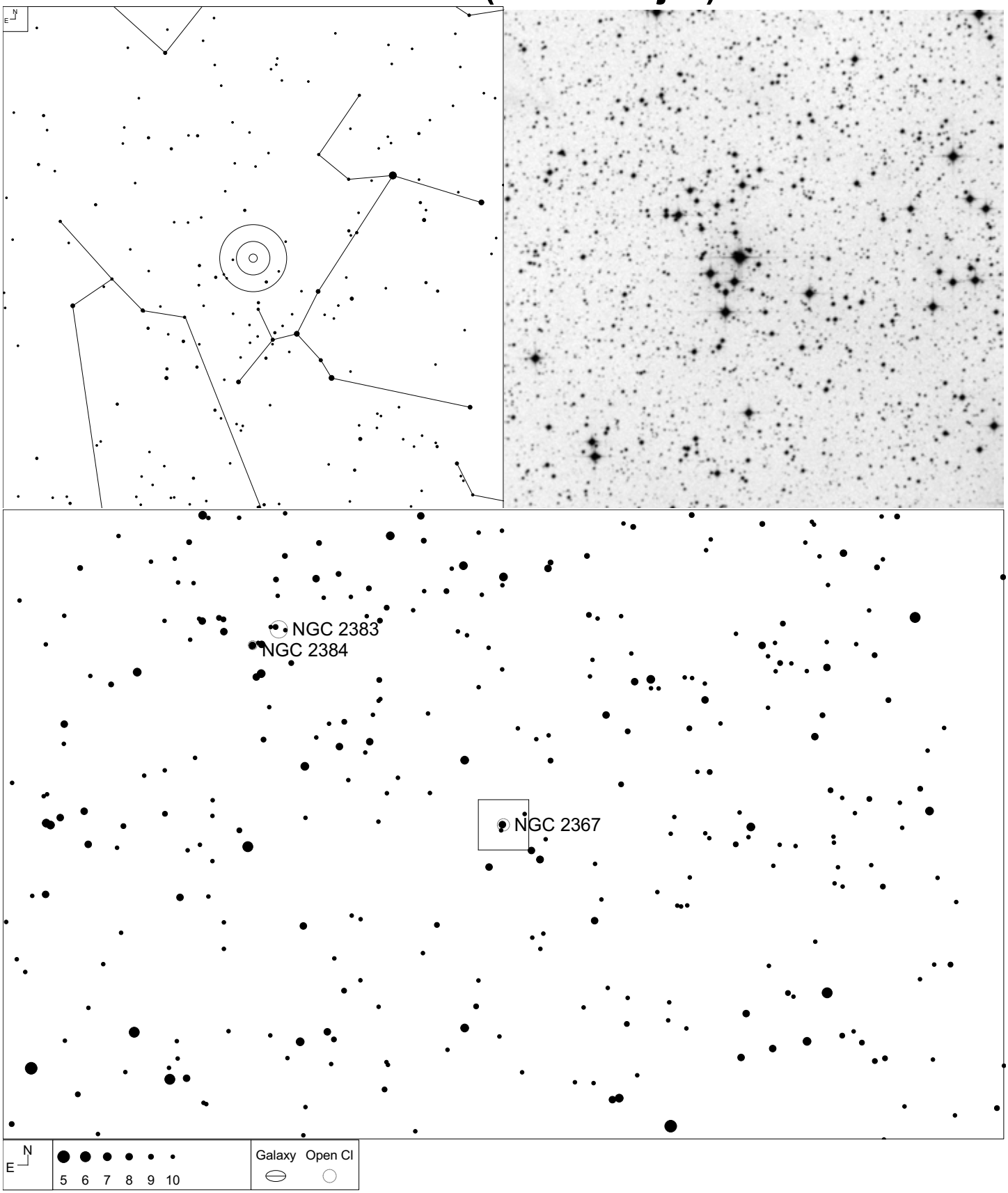
Herschel	RA	Dec	Mag	Size	Type
H V 21	07 18 31	-13 14 00		13 x 11’	EN W-R Ring

NGC 2374 (Canis Major)



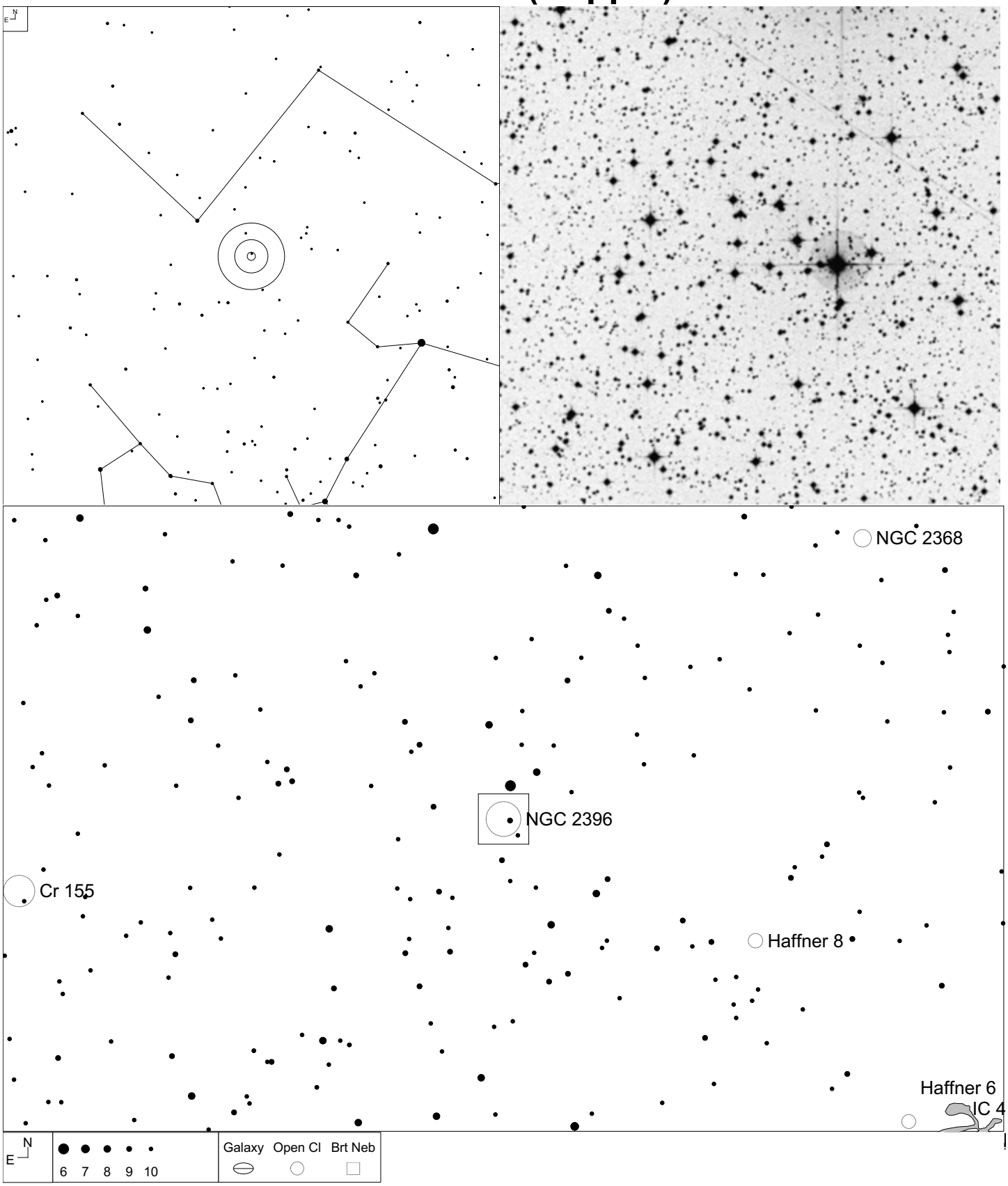
Herschel	RA	Dec	Mag	Size	Type
H VIII 35	07 23 56	-13 15 48	8.0	19’	OC IV 2 p

NGC 2367 (Canis Major)



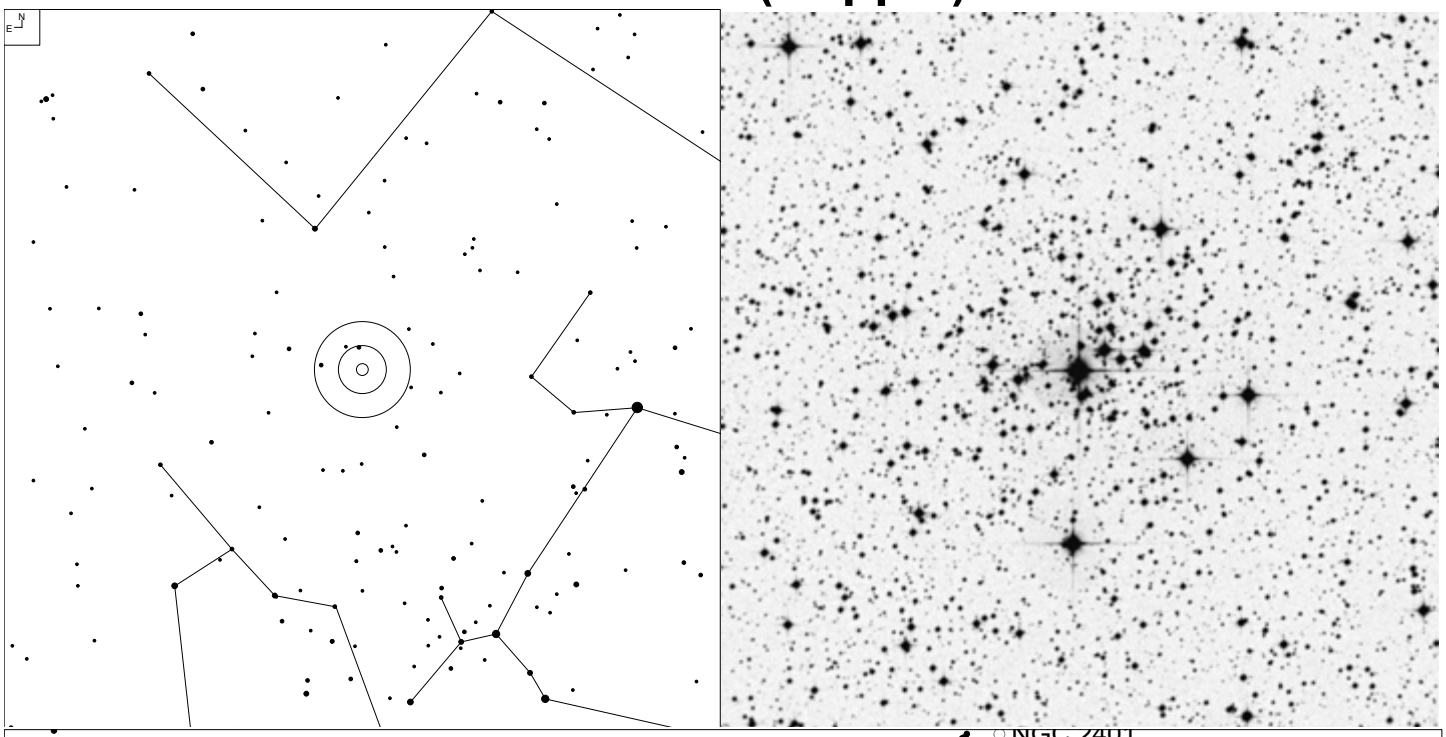
Herschel	RA	Dec	Mag	Size	Type
H VIII 27	07 20 05	-21 53 00	7.9	3.5’	OC II 3 m

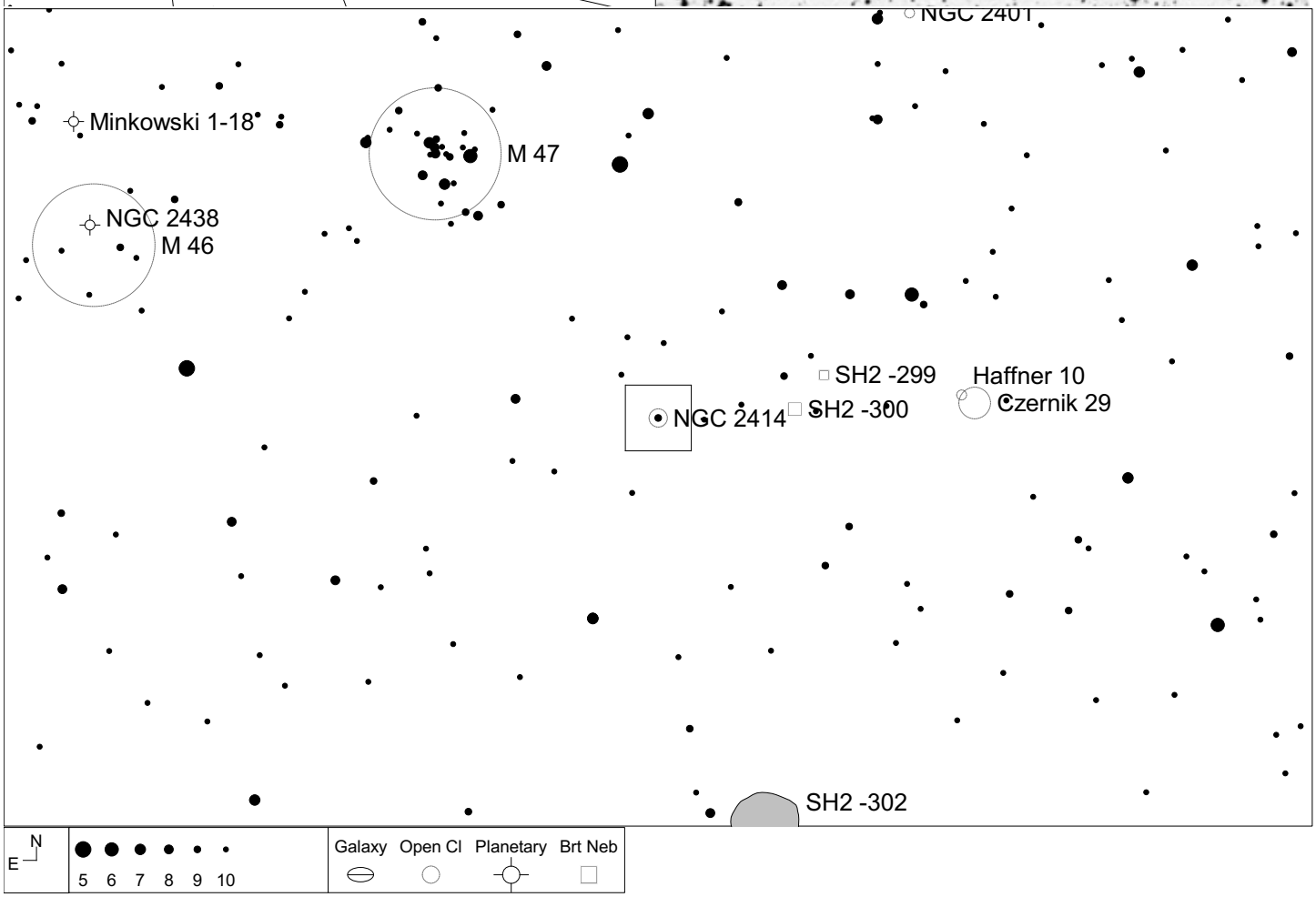
NGC 2396 (Puppis)



Herschel	RA	Dec	Mag	Size	Type
H VIII 36	07 28.1	-11 43 00	7.4	10’	OC IV 1 m

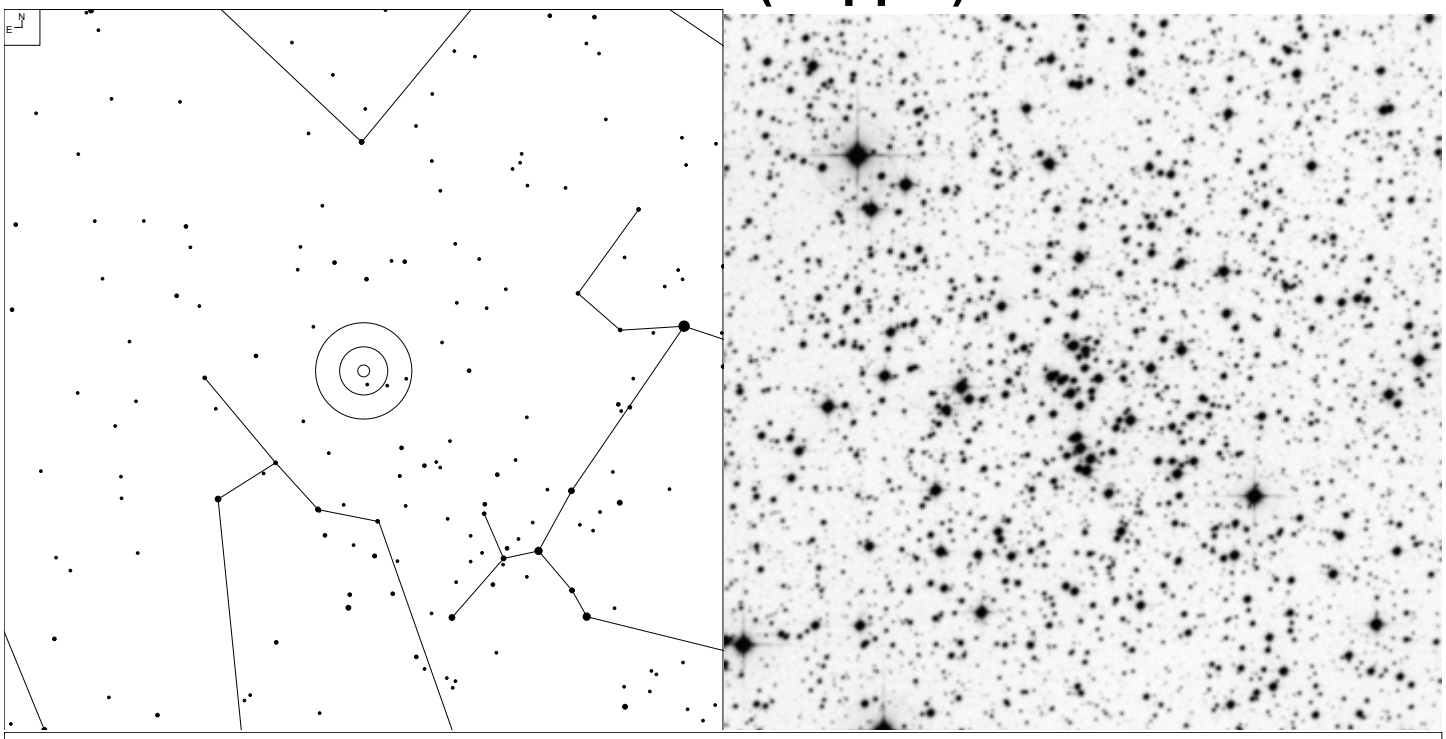
NGC 2414 (Puppis)

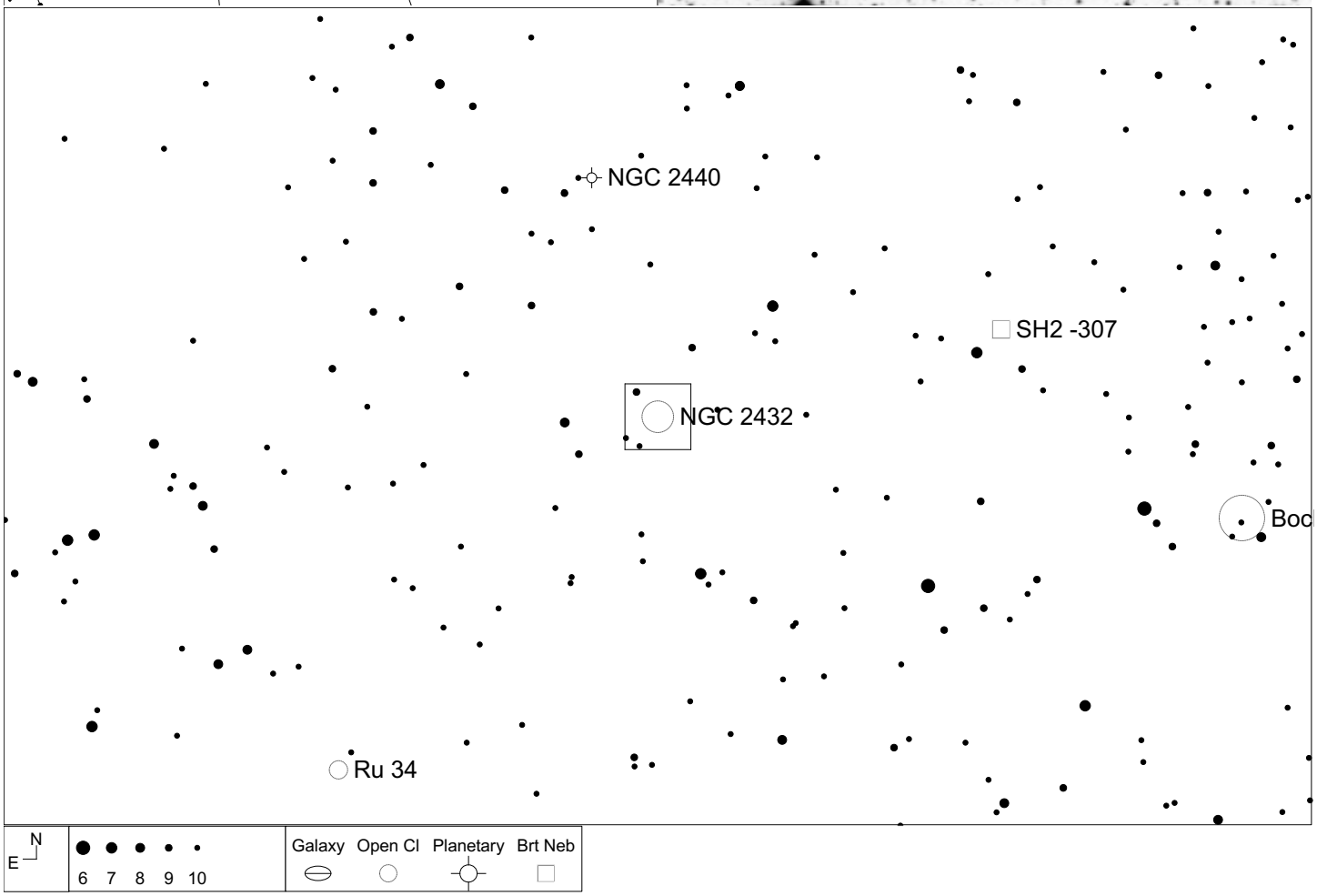




Herschel	RA	Dec	Mag	Size	Type
H VIII 37	07 33 13	-15 27 12	7.9	4’	OC I 3 m

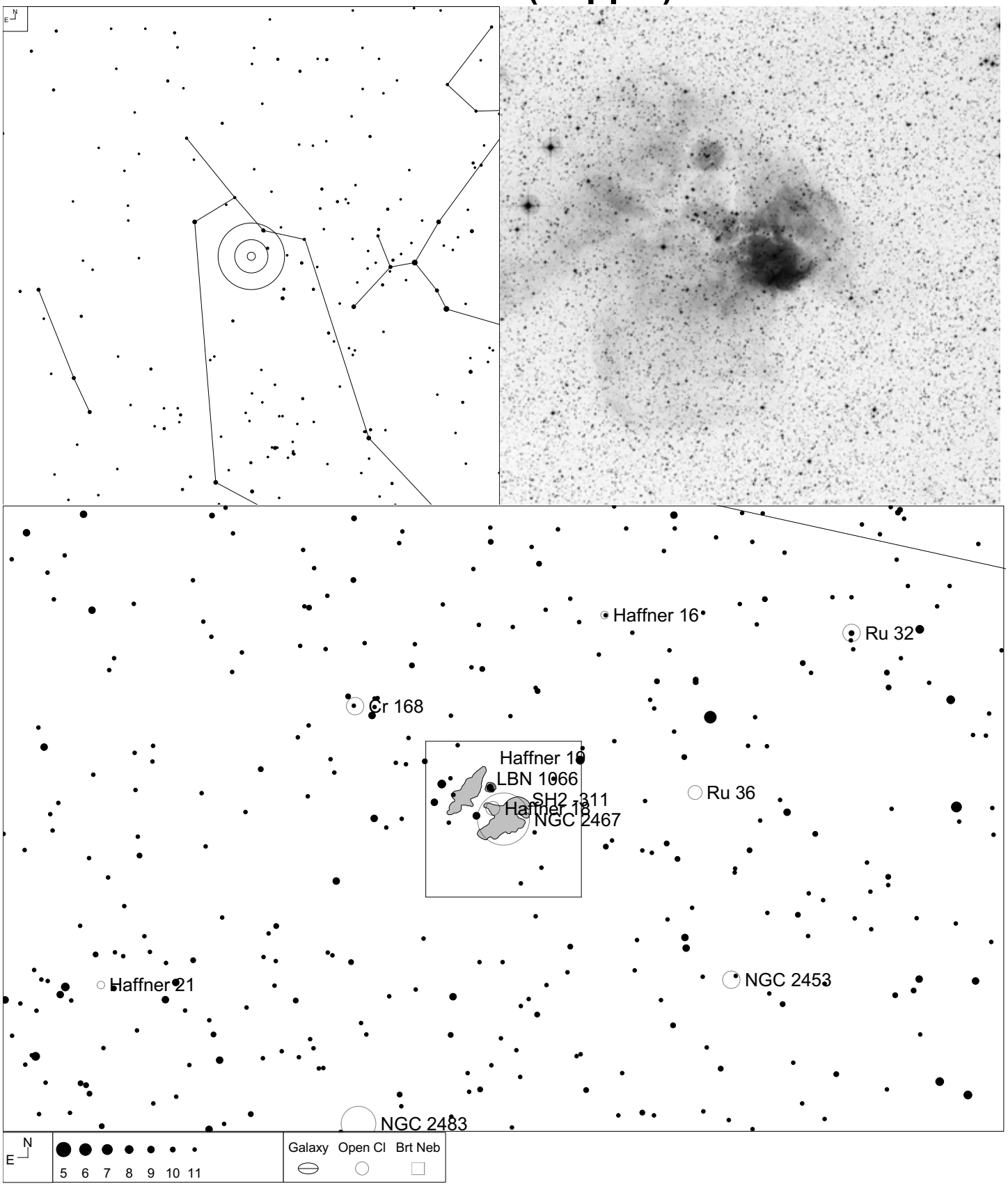
NGC 2432 (Puppis)





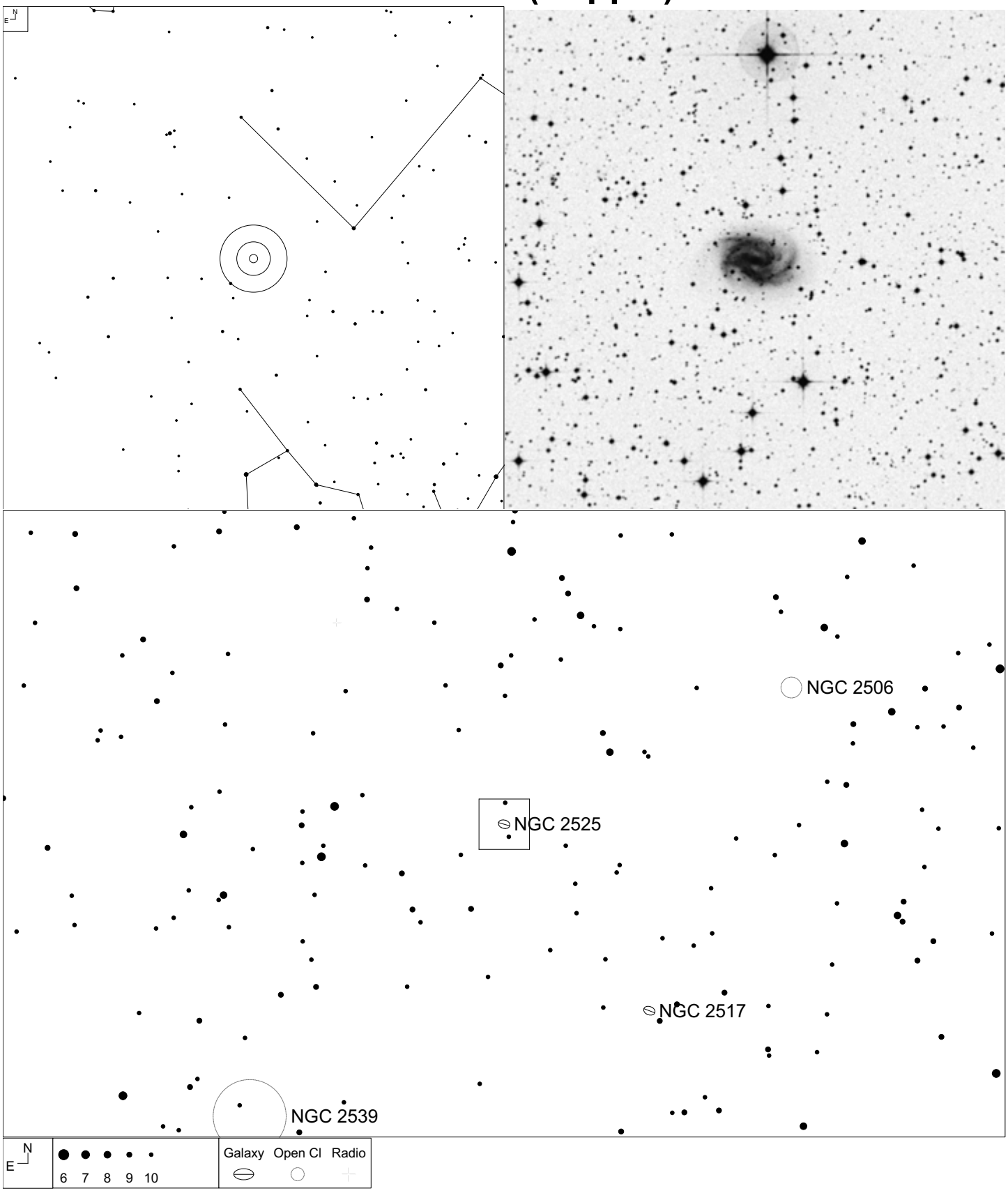
Herschel	RA	Dec	Mag	Size	Type
H VI 36	07 40 54	-19 05 06	10.2	7’	OC II 2 m

NGC 2467 (Puppis)



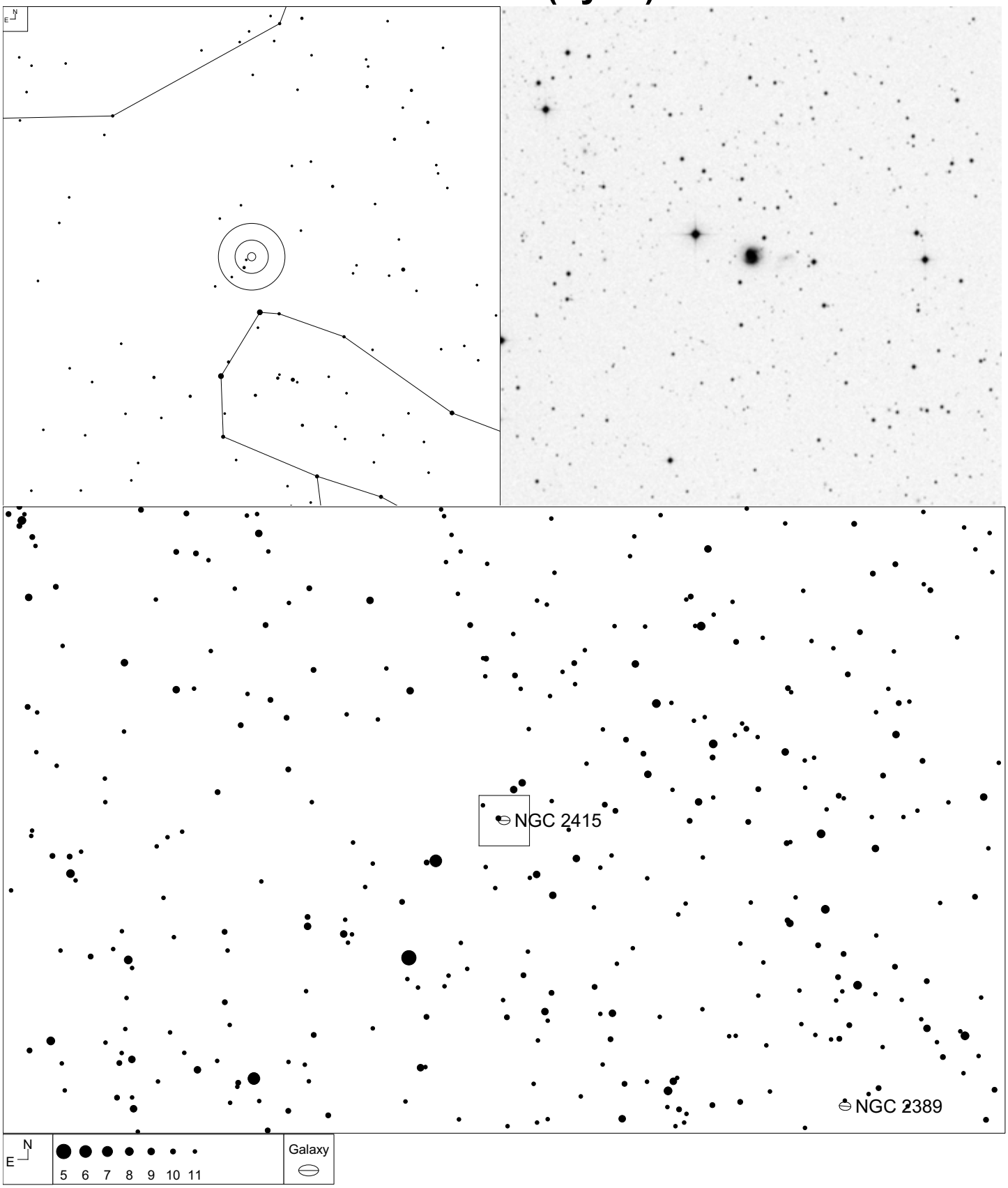
Herschel	RA	Dec	Mag	Size	Type
H IV 22	07 52 29	-26 25 48	7.1	15’	OC I 3 m n

NGC 2525 (Puppis)



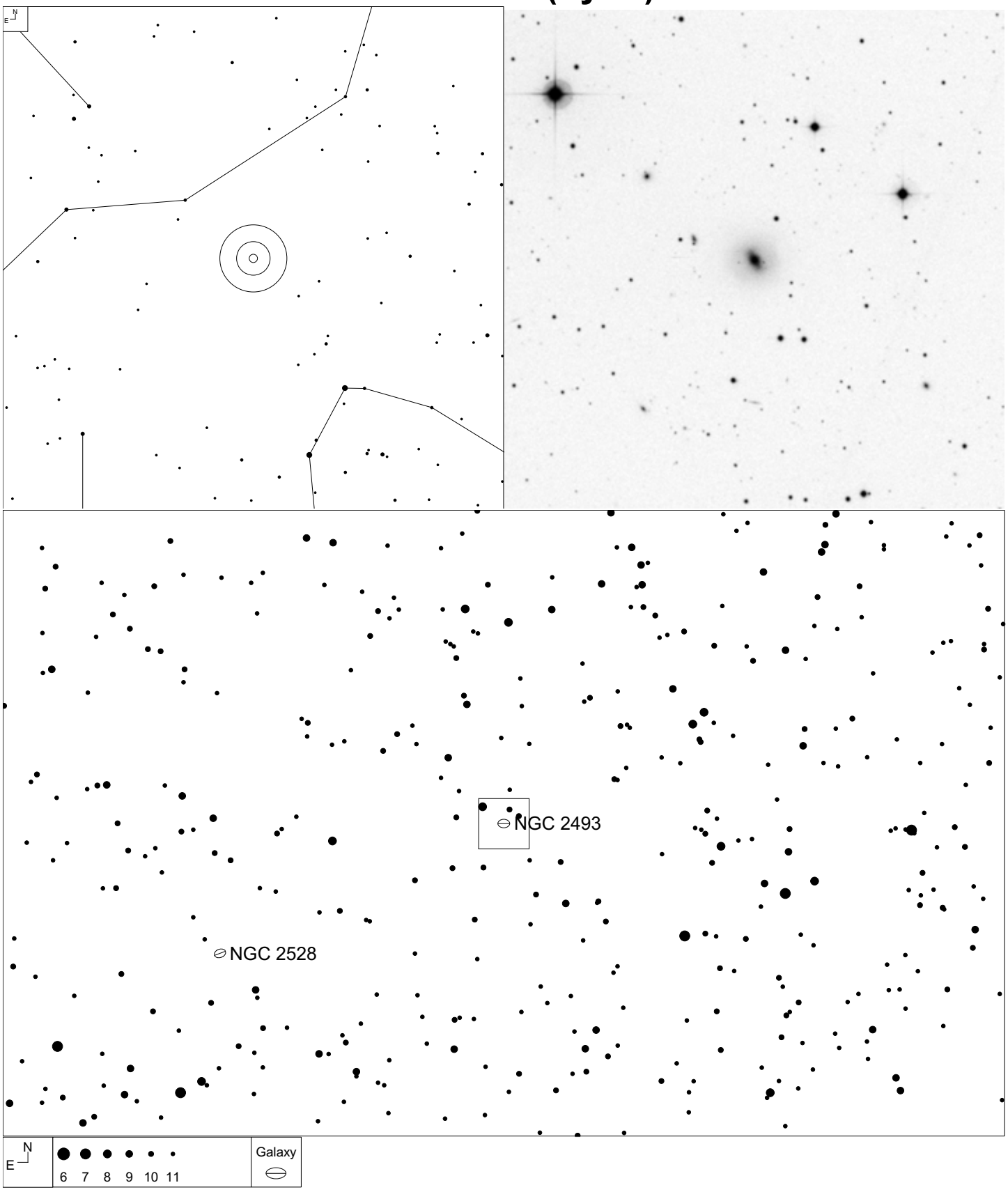
Herschel	RA	Dec	Mag	Size	Type
H III 877	08 05 38.0	-11 25 41	12.3b	2.9 x 1.9’	G SB(s)c

NGC 2415 (Lynx)



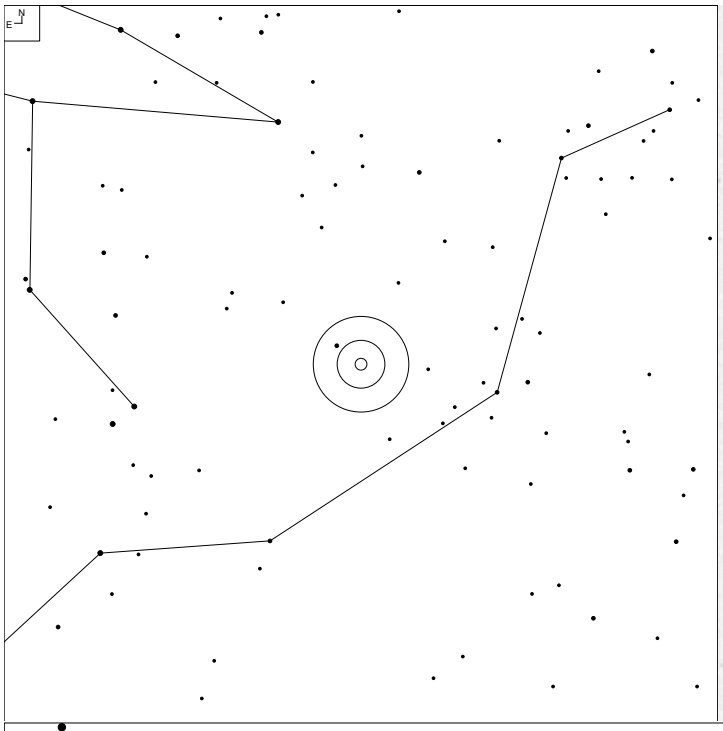
Herschel	RA	Dec	Mag	Size	Type
H II 821	07 36 56.6	+35 14 32	12.8b	1.0 x 1.0’	G Im?

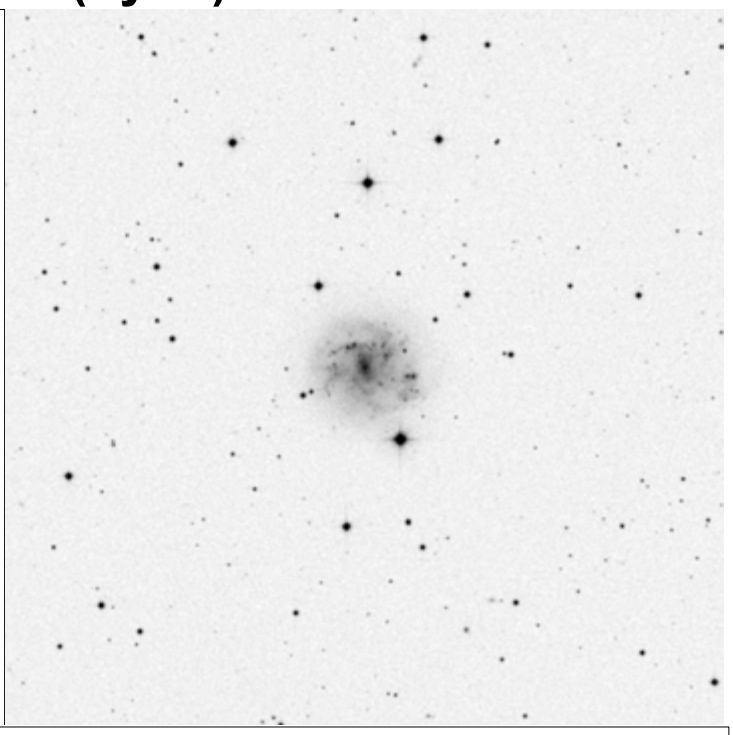
NGC 2493 (Lynx)

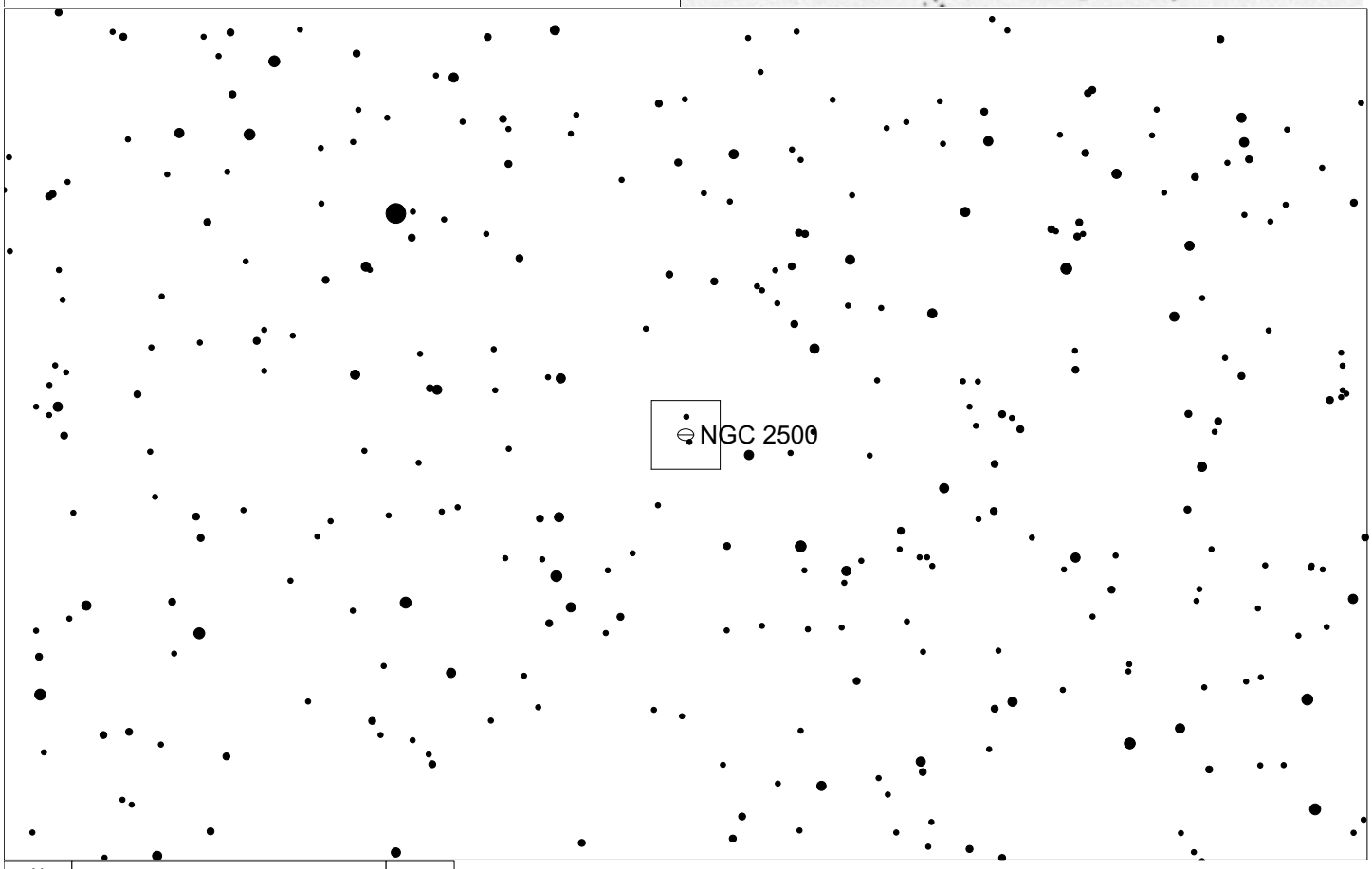


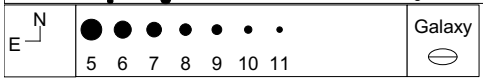
Herschel	RA	Dec	Mag	Size	Type
H III 750	08 00 23.7	+39 49 49	13.0b	1.9 x 1.9’	G SB0

NGC 2500 (Lynx)



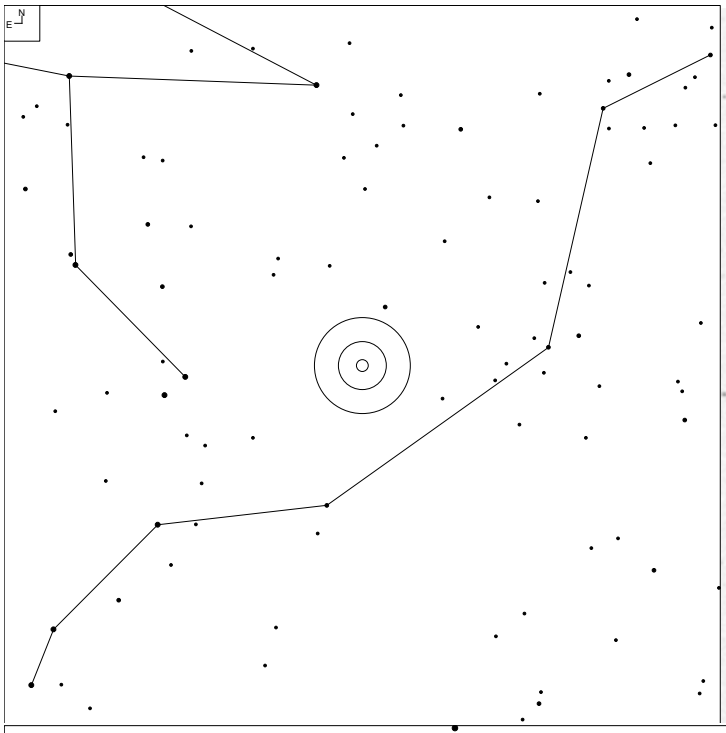


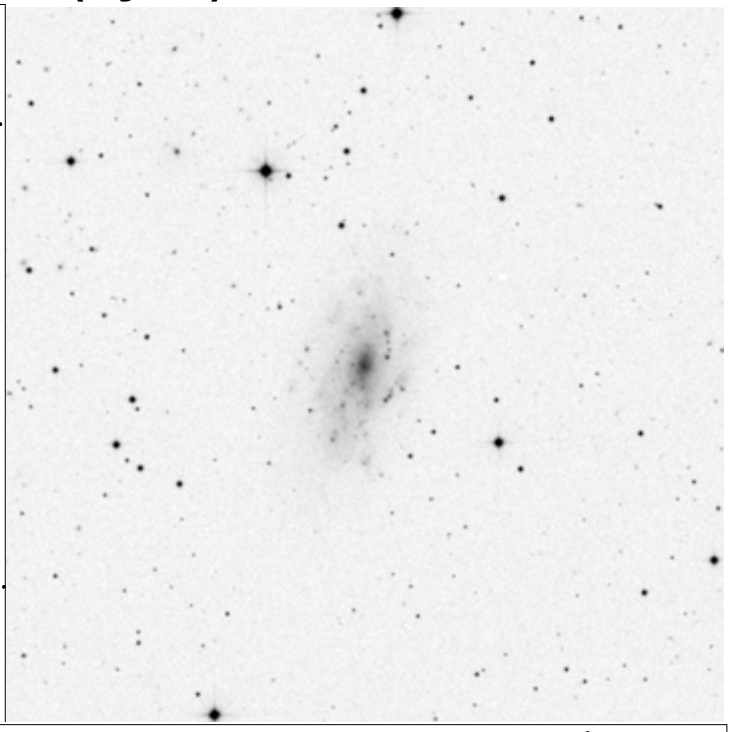


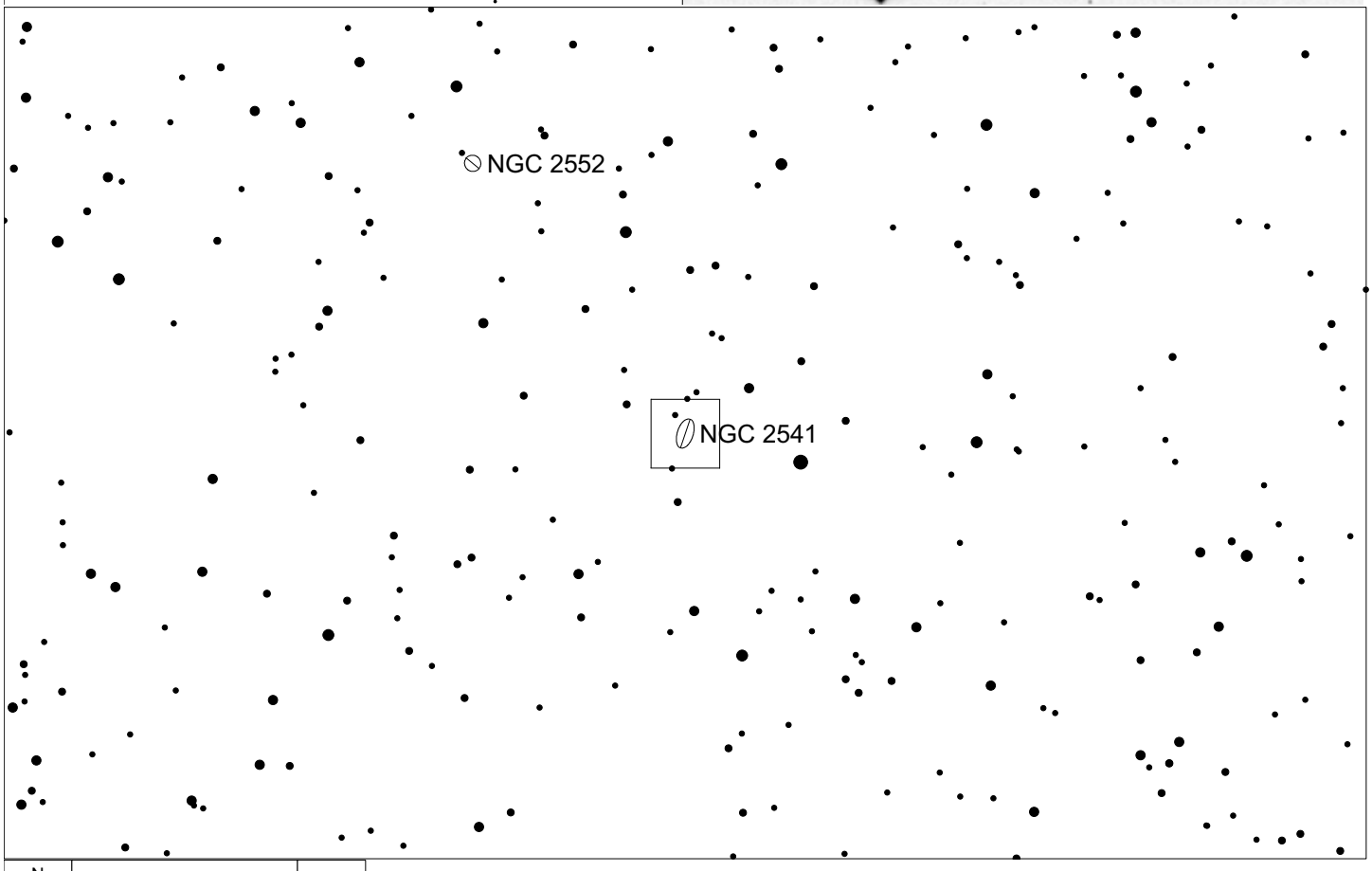


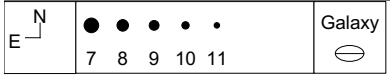
Herschel	RA	Dec	Mag	Size	Type
H III 709	08 01 53.1	+50 44 15	12.2b	2.6 x 2.6’	G SB(rs)d

NGC 2541 (Lynx)



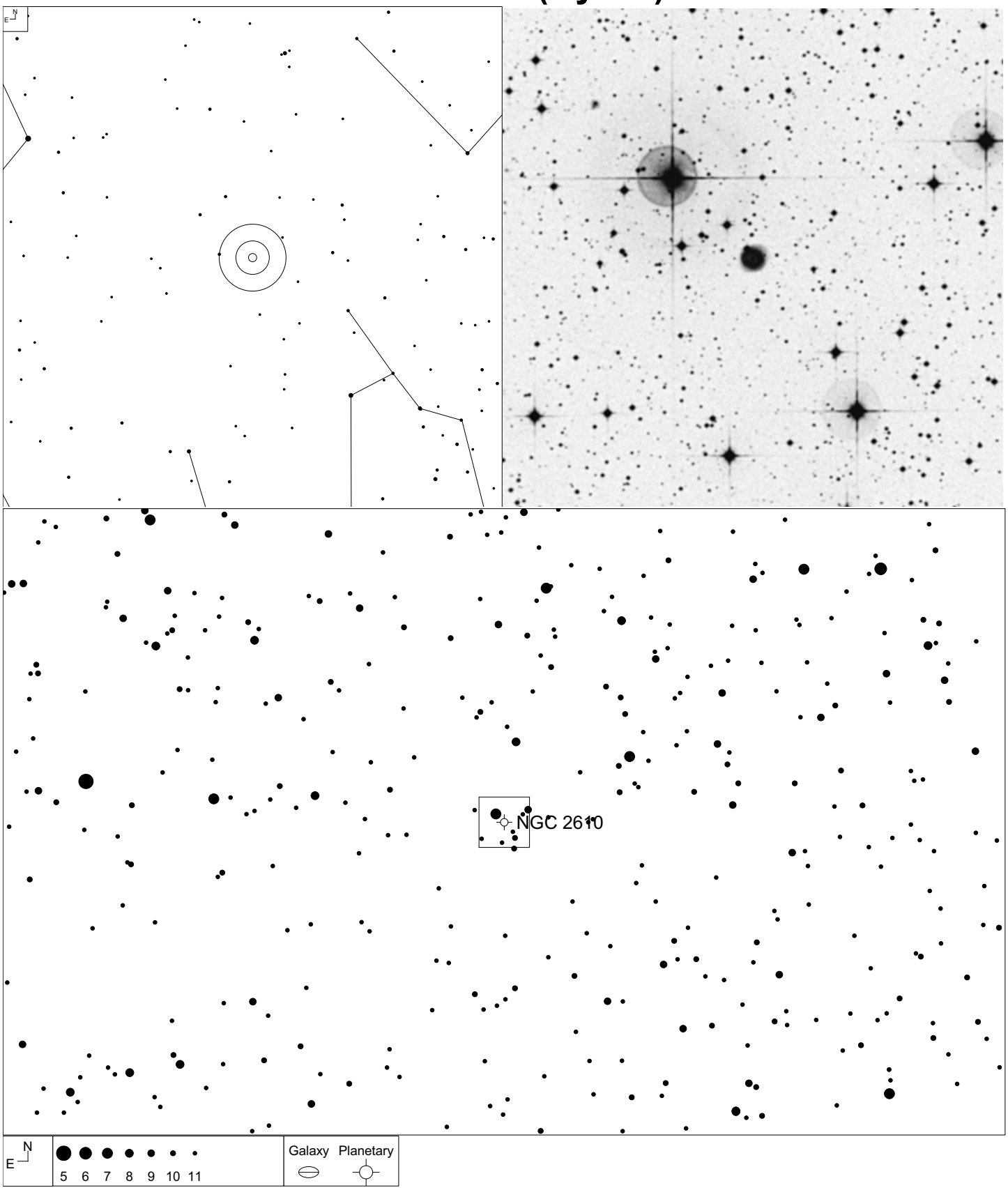






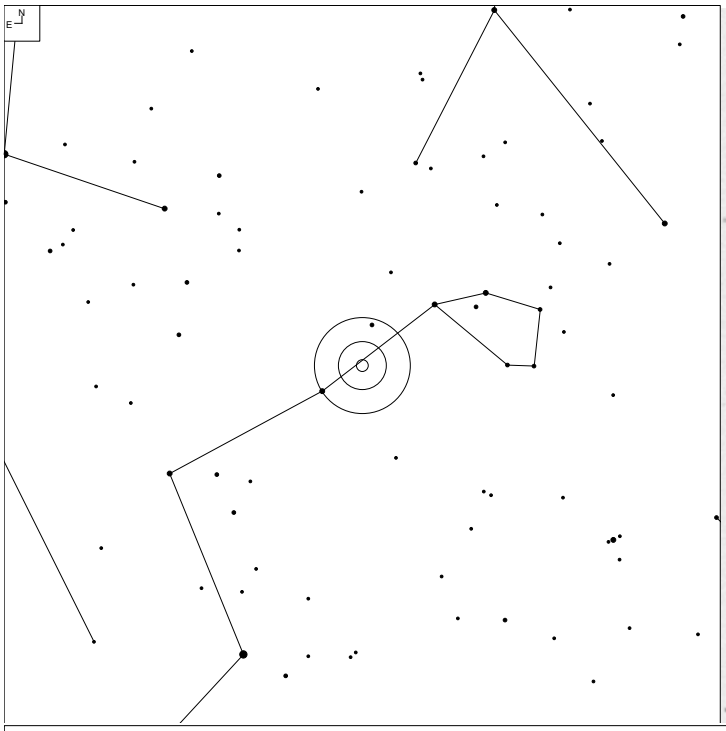
Herschel	RA	Dec	Mag	Size	Type
H III 710	08 14 40.2	+49 03 43	12.3b	6.3 x 3.1’	G SA(s)cd

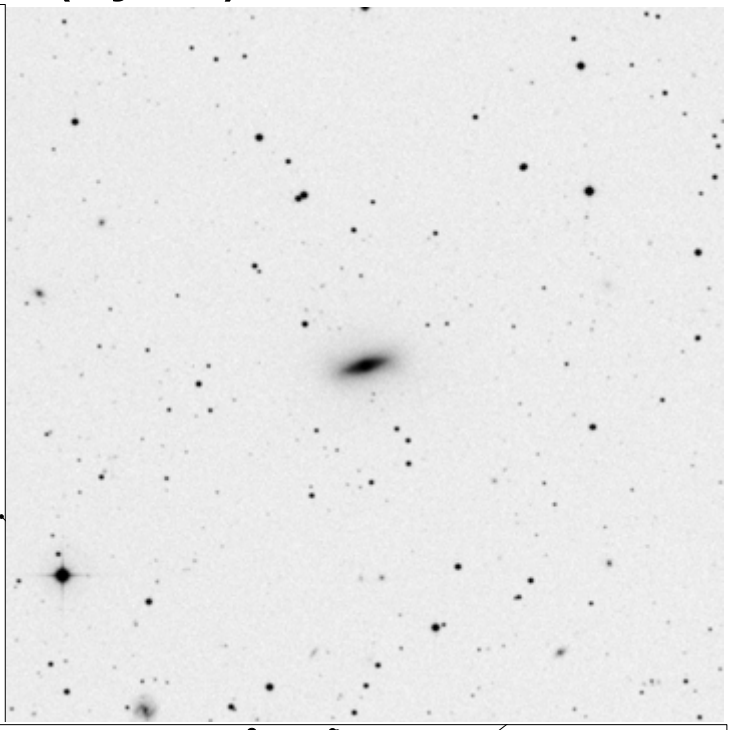
NGC 2610 (Hydra)

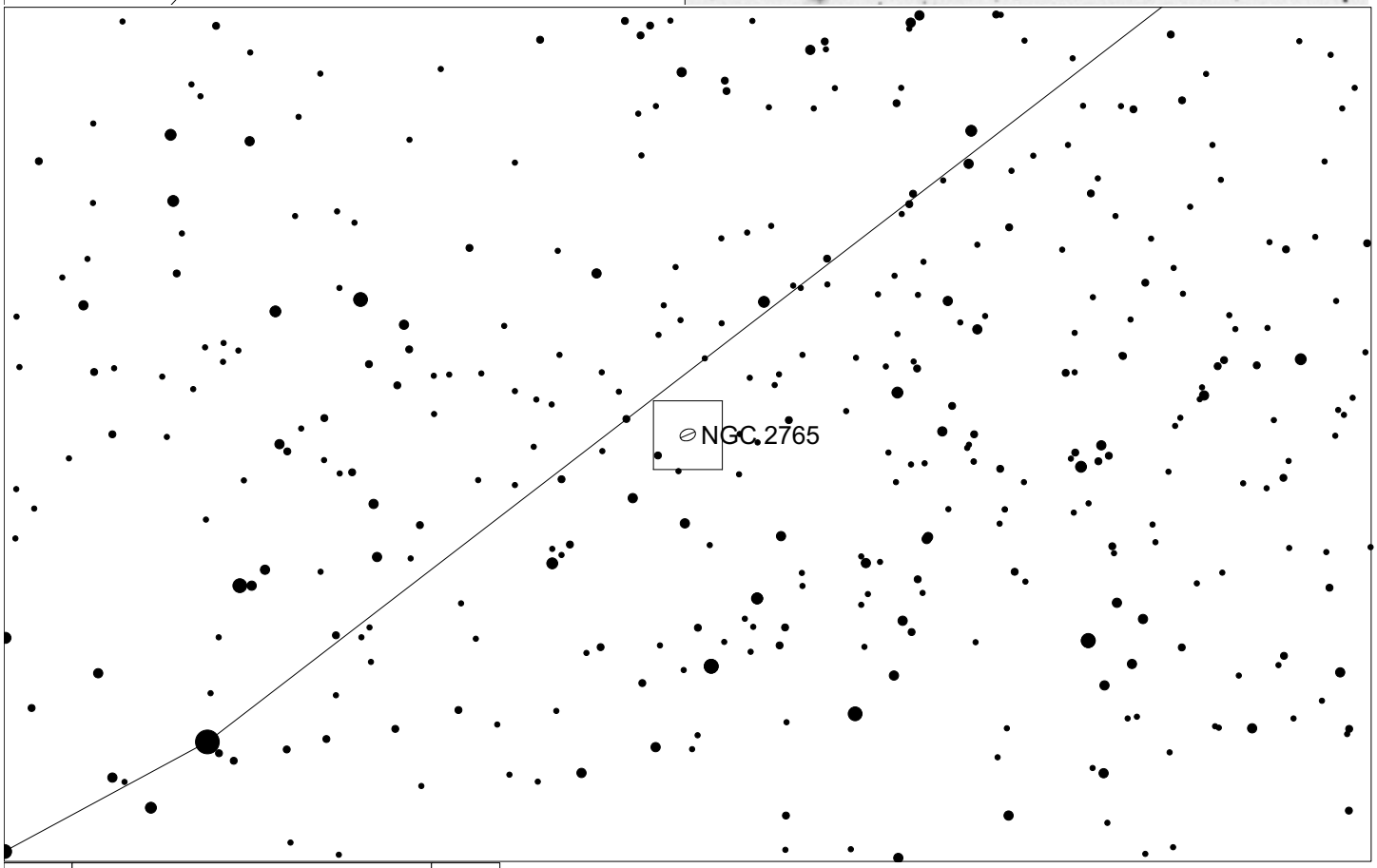


Herschel	RA	Dec	Mag	Size	Type
H IV 35	08 33 23.4	-16 08 57	13.6p	58”	PN 4 + 2

NGC 2765 (Hydra)

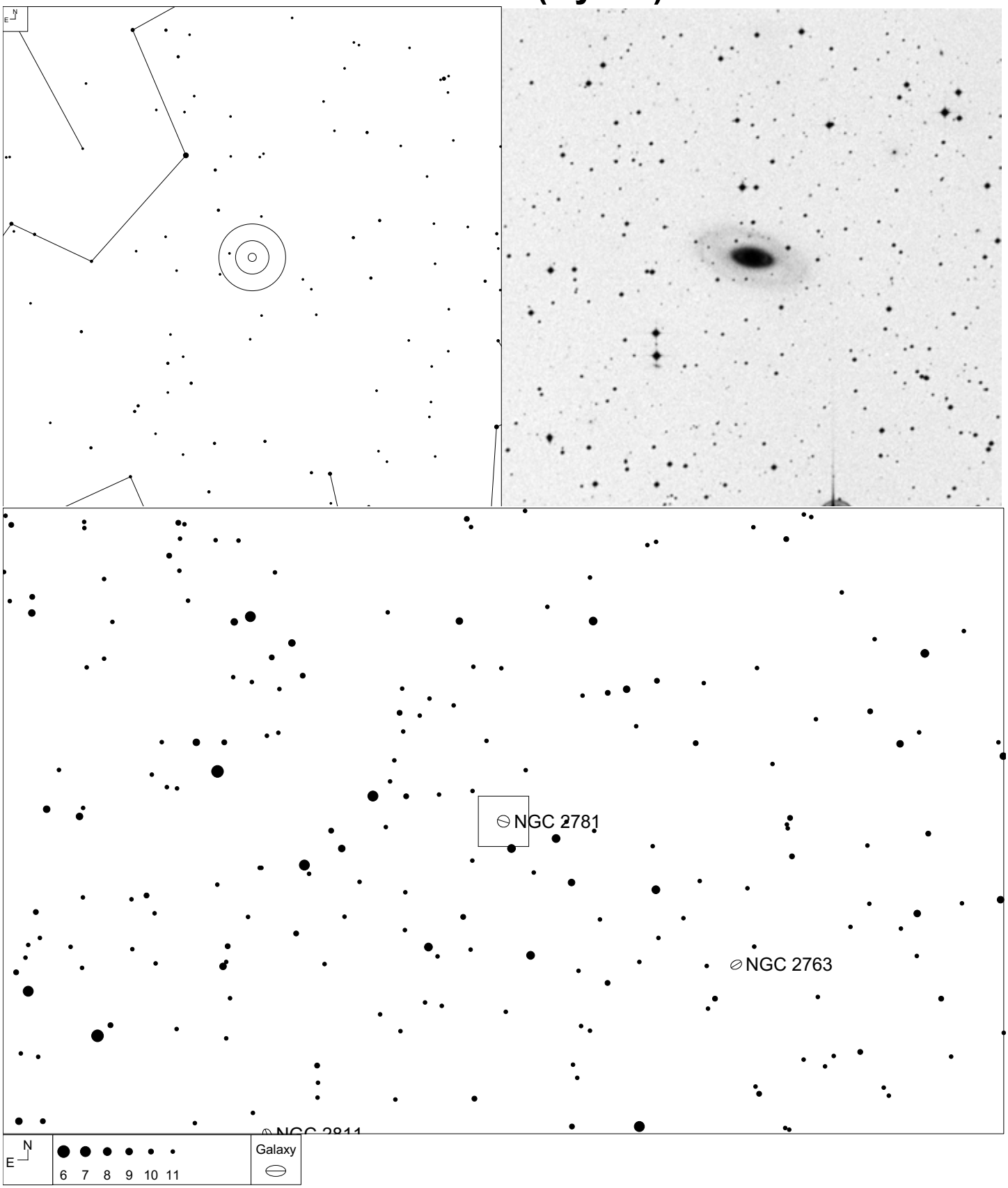






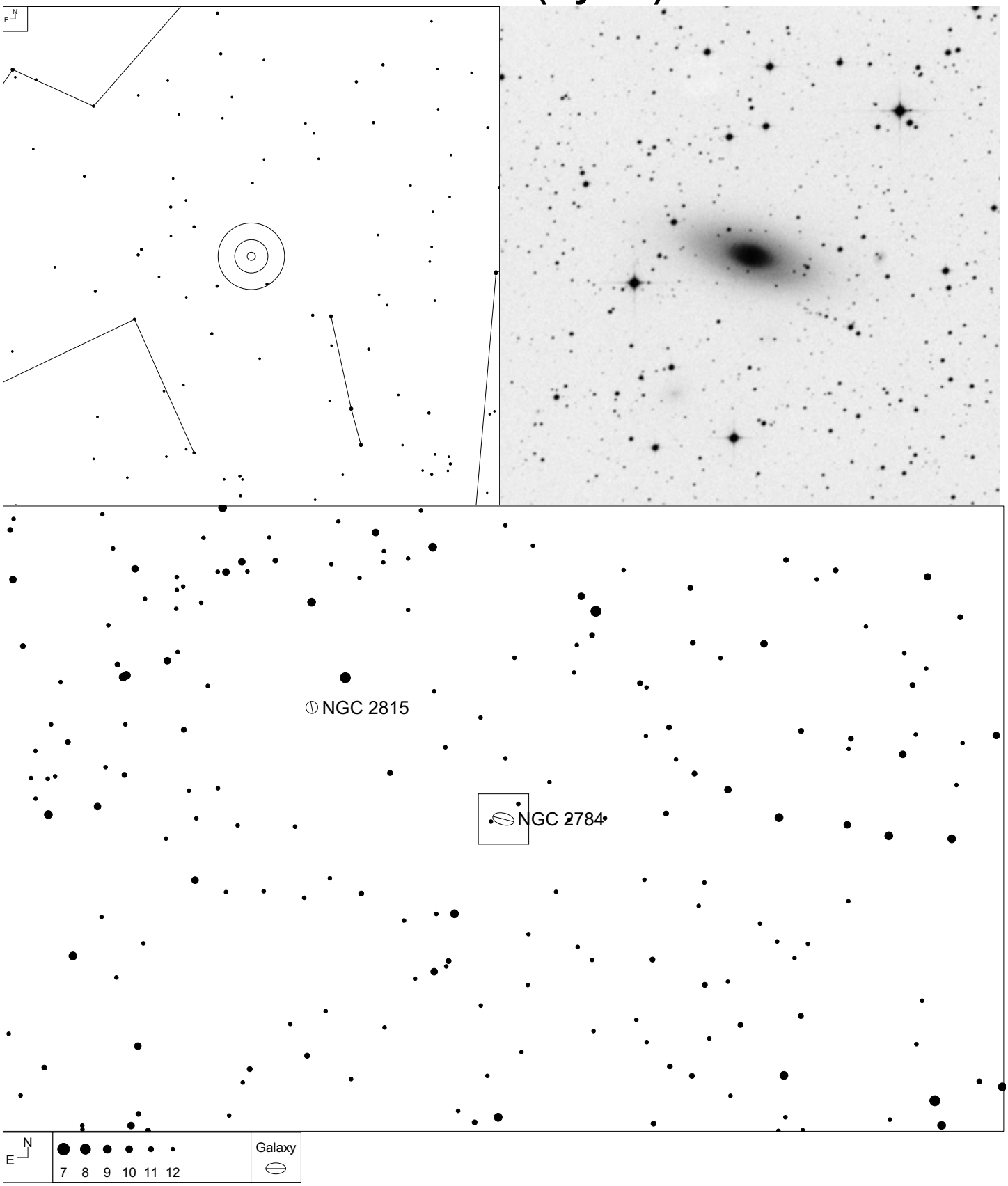
Herschel	RA	Dec	Mag	Size	Type
H II 520	09 07 36.6	+03 23 34	13.1p	2.1 x 1.1’	G S0

NGC 2781 (Hydra)



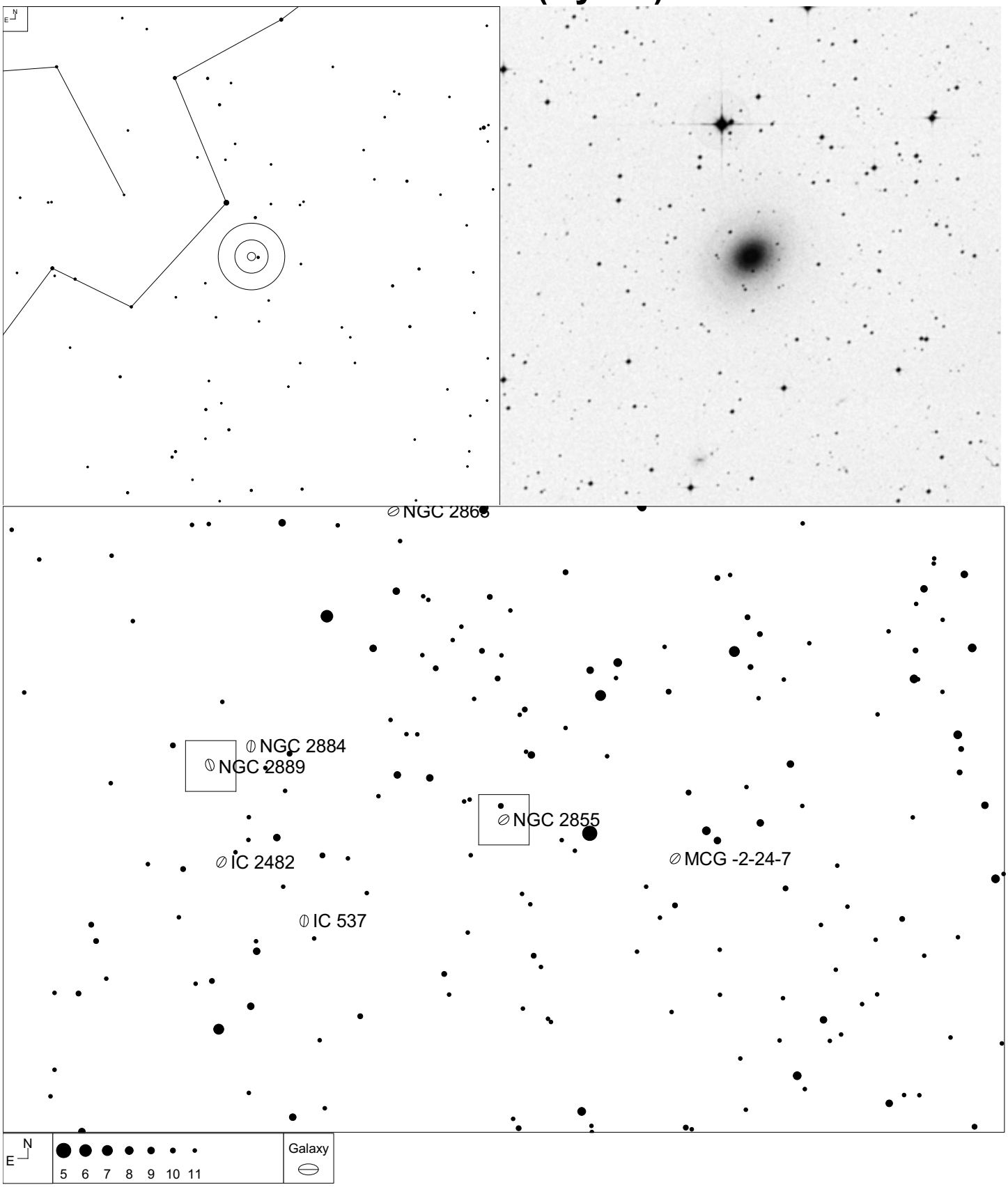
Herschel	RA	Dec	Mag	Size	Type
H I 66	09 11 27.4	-14 49 01	12.5b	3.4 x 1.5’	G SAB(r)0+

NGC 2784 (Hydra)



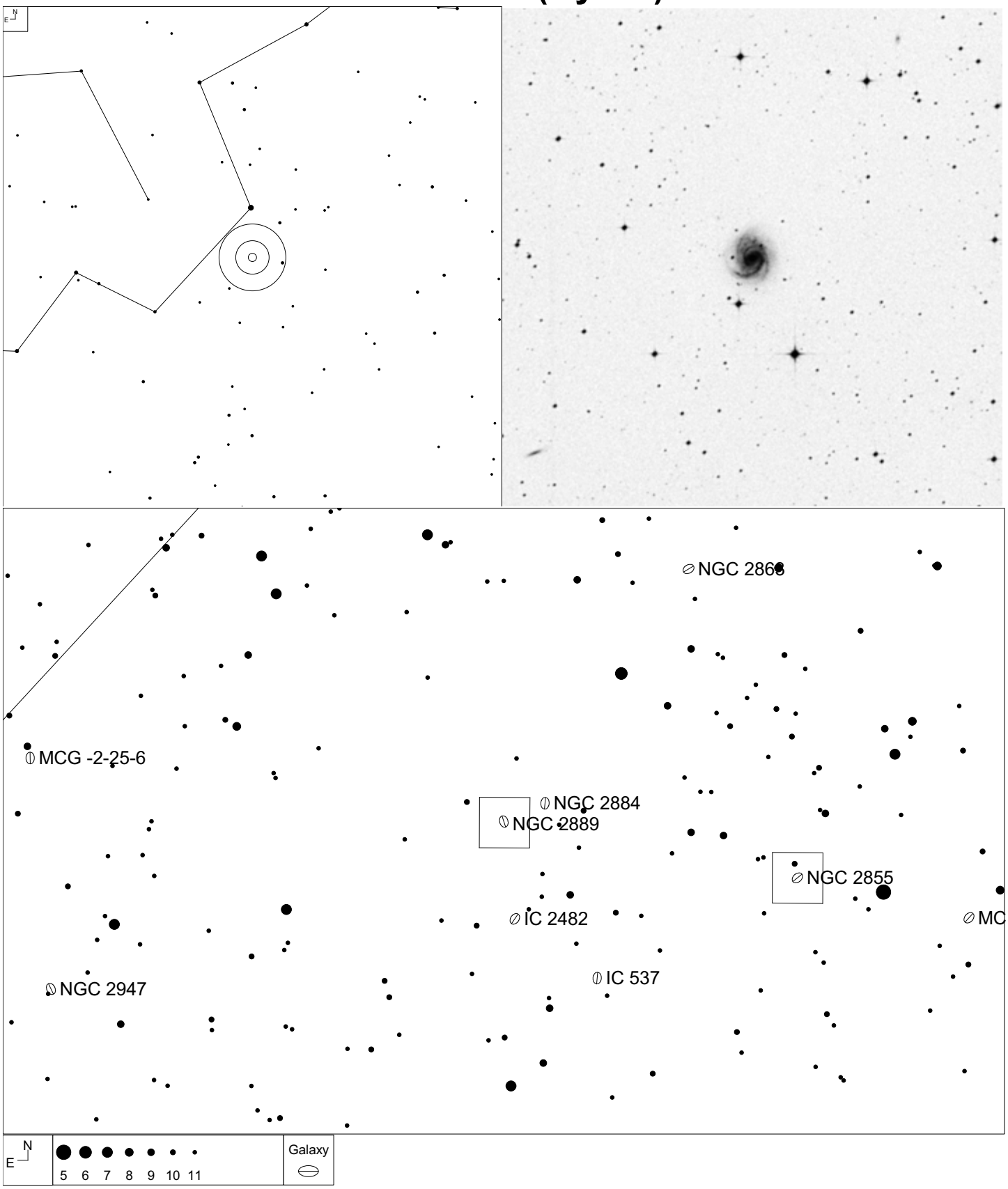
Herschel	RA	Dec	Mag	Size	Type
H I 59	09 12 19.2	-24 10 18	11.3b	6.2 x 2.2’	G SA(s)0°:

NGC 2855 (Hydra)



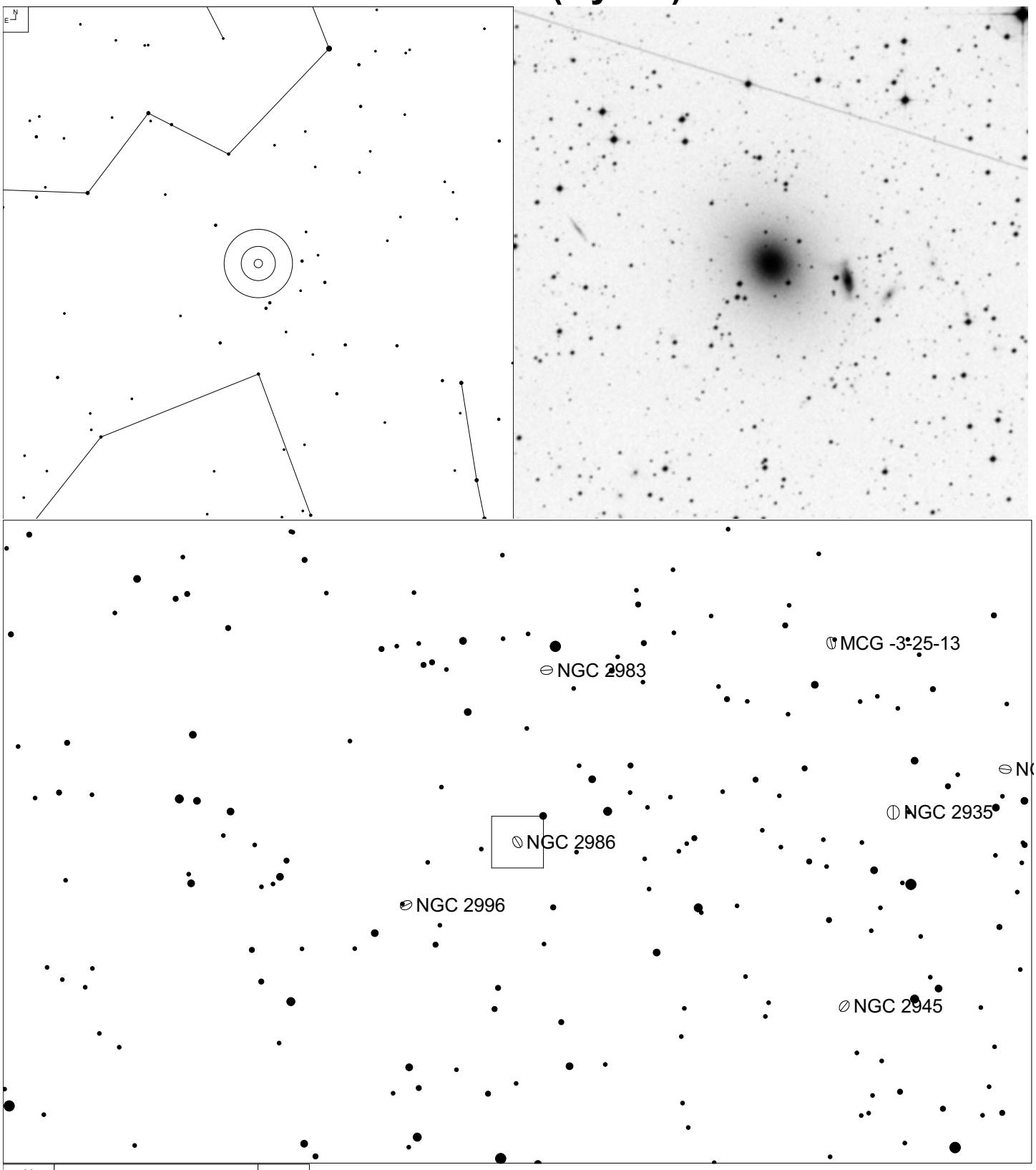
Herschel	RA	Dec	Mag	Size	Type
H I 132	09 21 27.5	-11 54 37	12.6b	2.4 x 2.1’	G (R)SA(rs)0/a

NGC 2889 (Hydra)



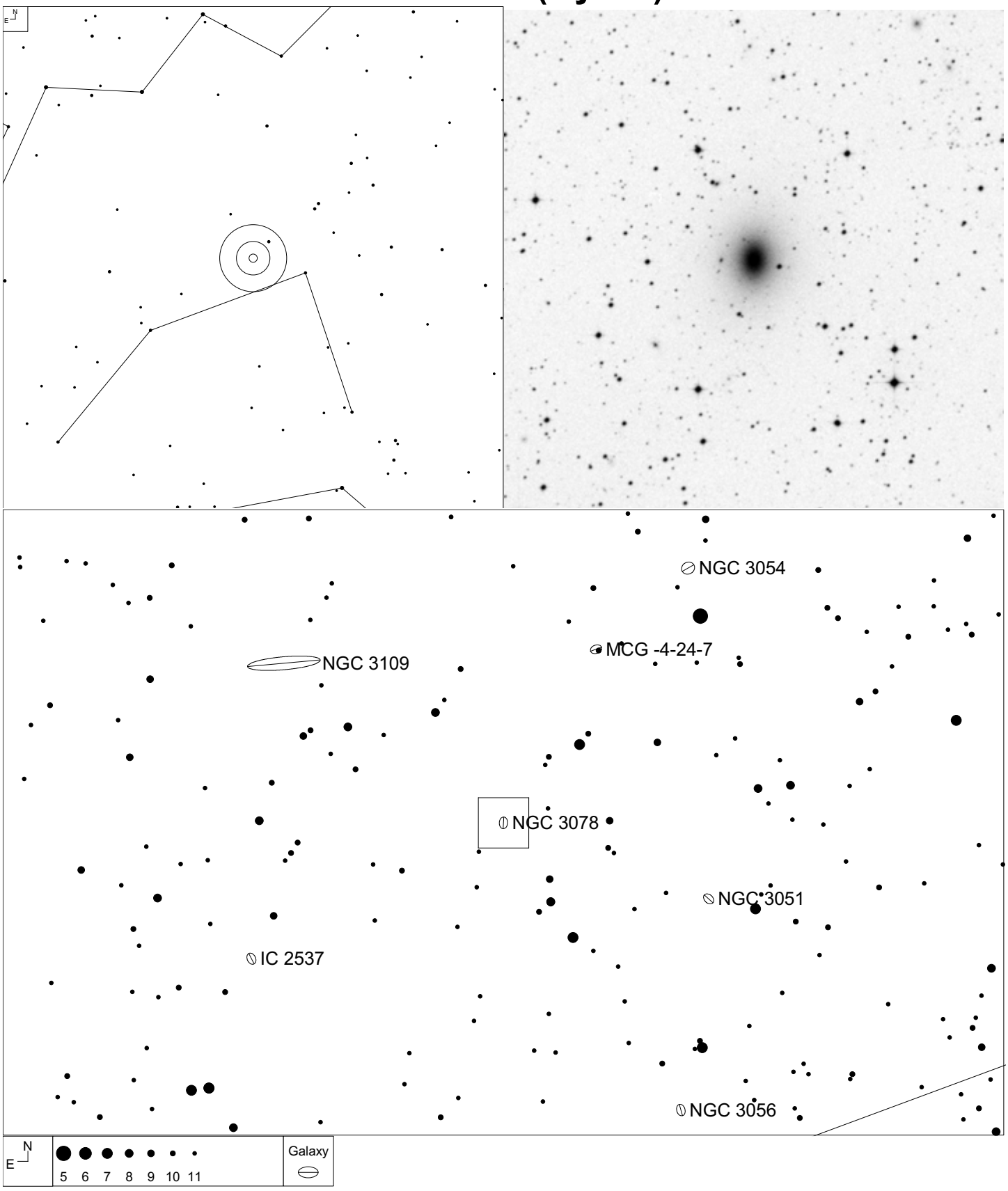
Herschel	RA	Dec	Mag	Size	Type
H II 555	09 27 12.5	-11 38 37	12.4b	2.1 x 1.8’	G SAB(rs)c

NGC 2986 (Hydra)



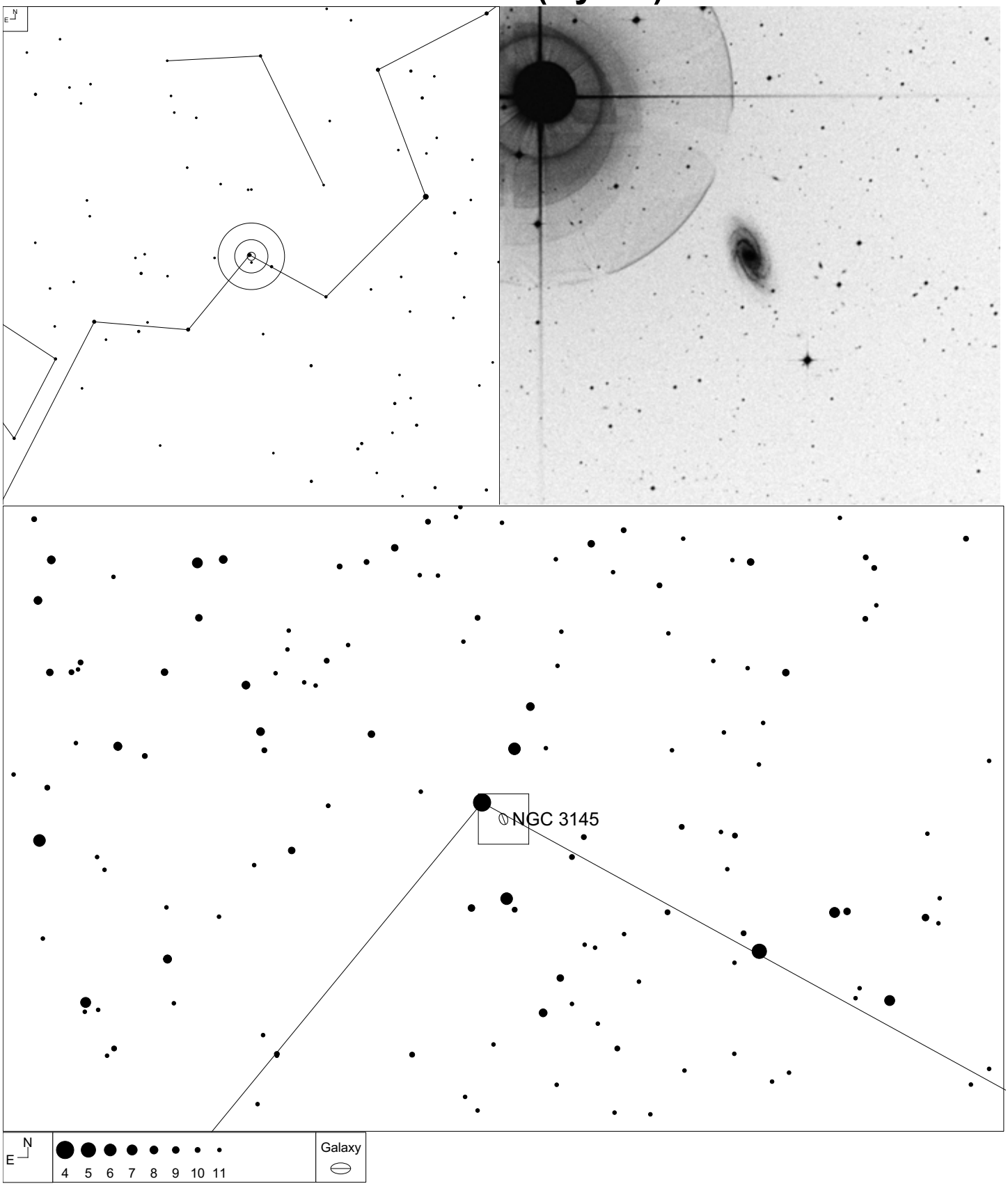
Herschel	RA	Dec	Mag	Size	Type
H II 311	09 44 15.9	-21 16 41	11.7b	3.1 x 2.6’	G E2

NGC 3078 (Hydra)



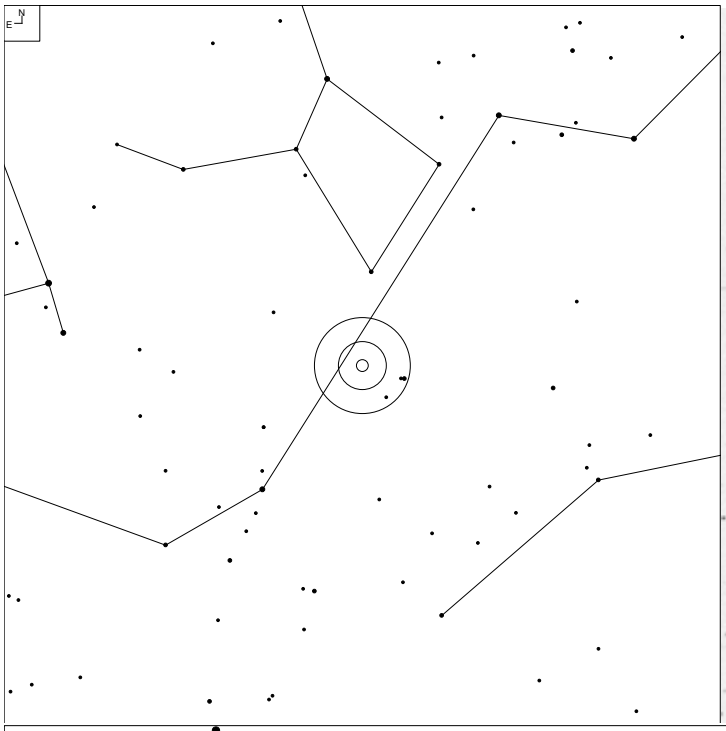
Herschel	RA	Dec	Mag	Size	Type
H II 268	09 58 24.5	-26 55 36	12.1b	2.5 x 2.0’	G E2-3

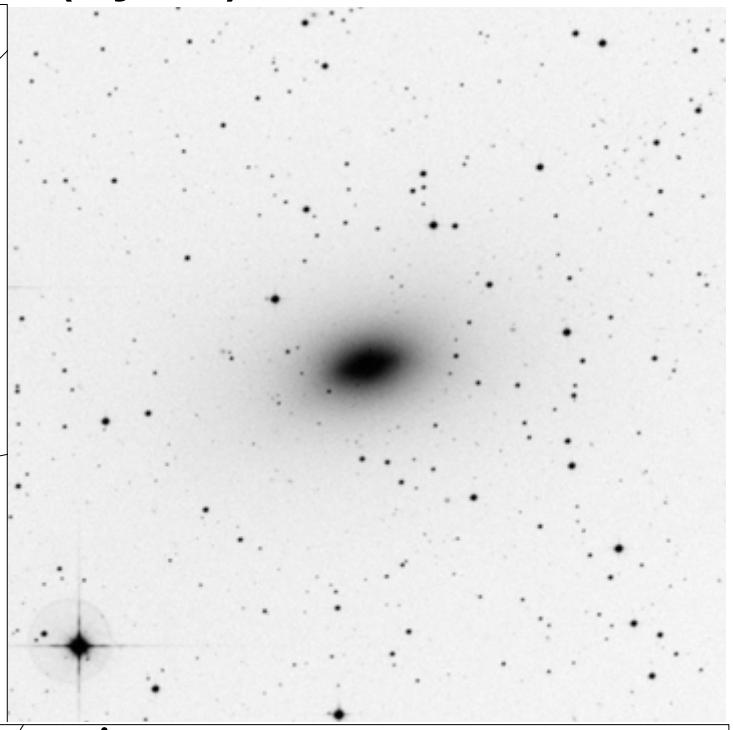
NGC 3145 (Hydra)

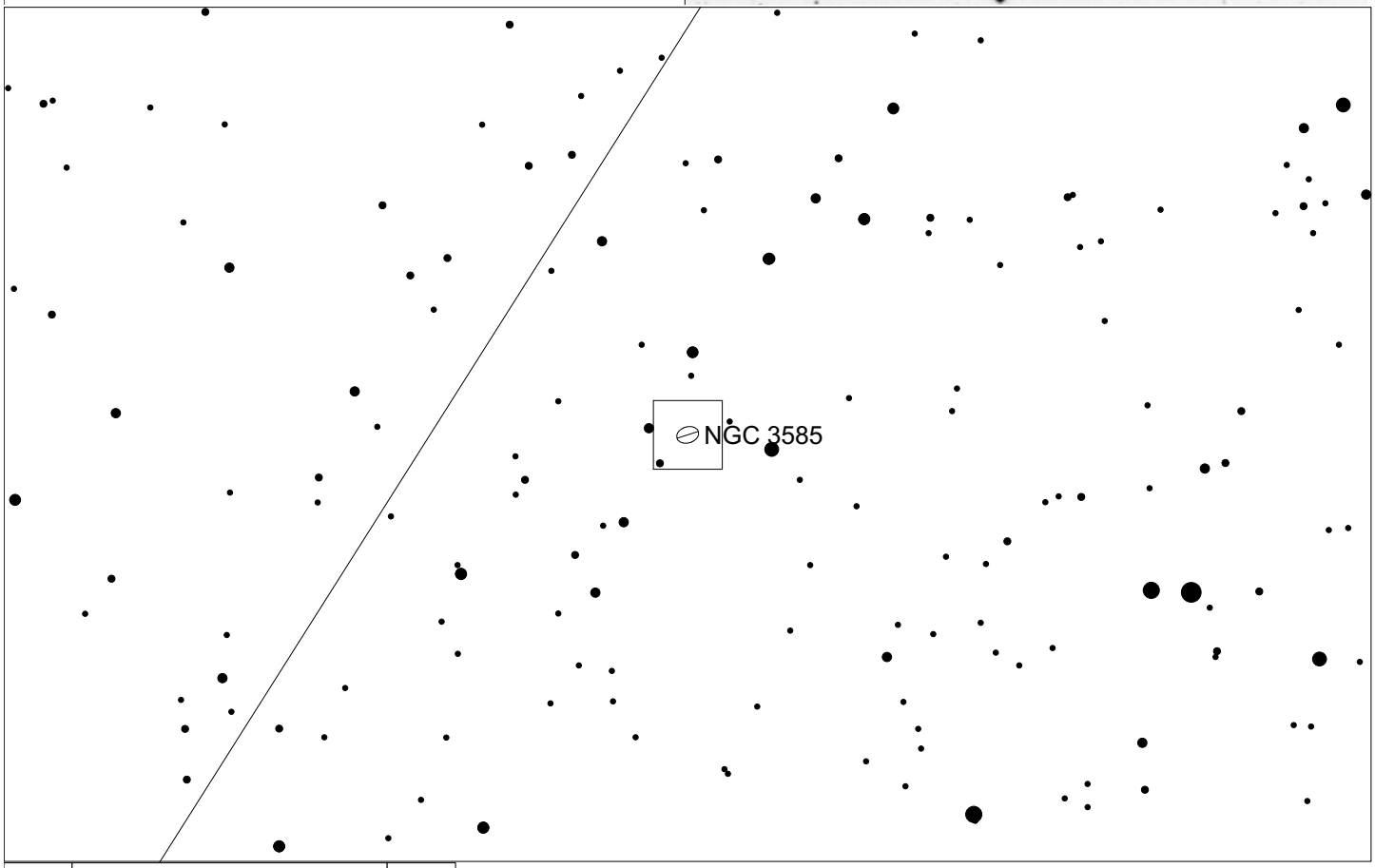


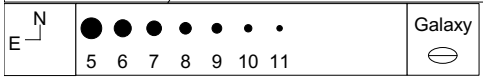
Herschel	RA	Dec	Mag	Size	Type
H III 518	10 10 10.0	-12 26 02	12.5b	3.0 x 1.5’	G SB(rs)bc

NGC 3585 (Hydra)



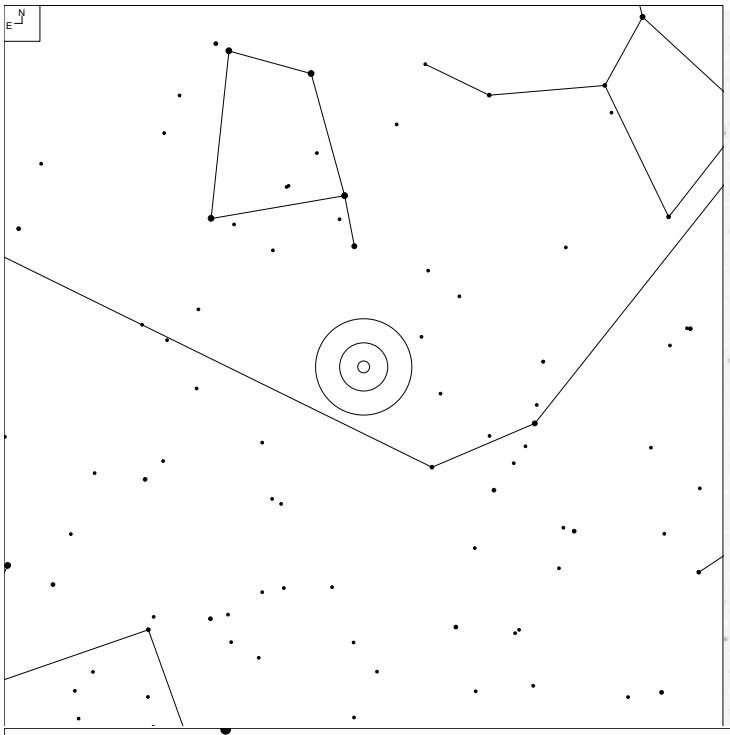


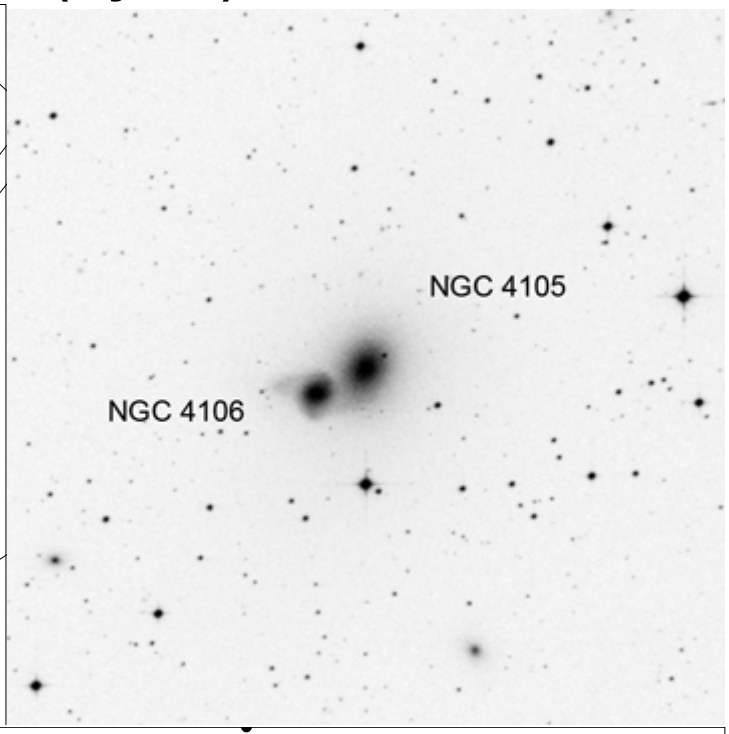


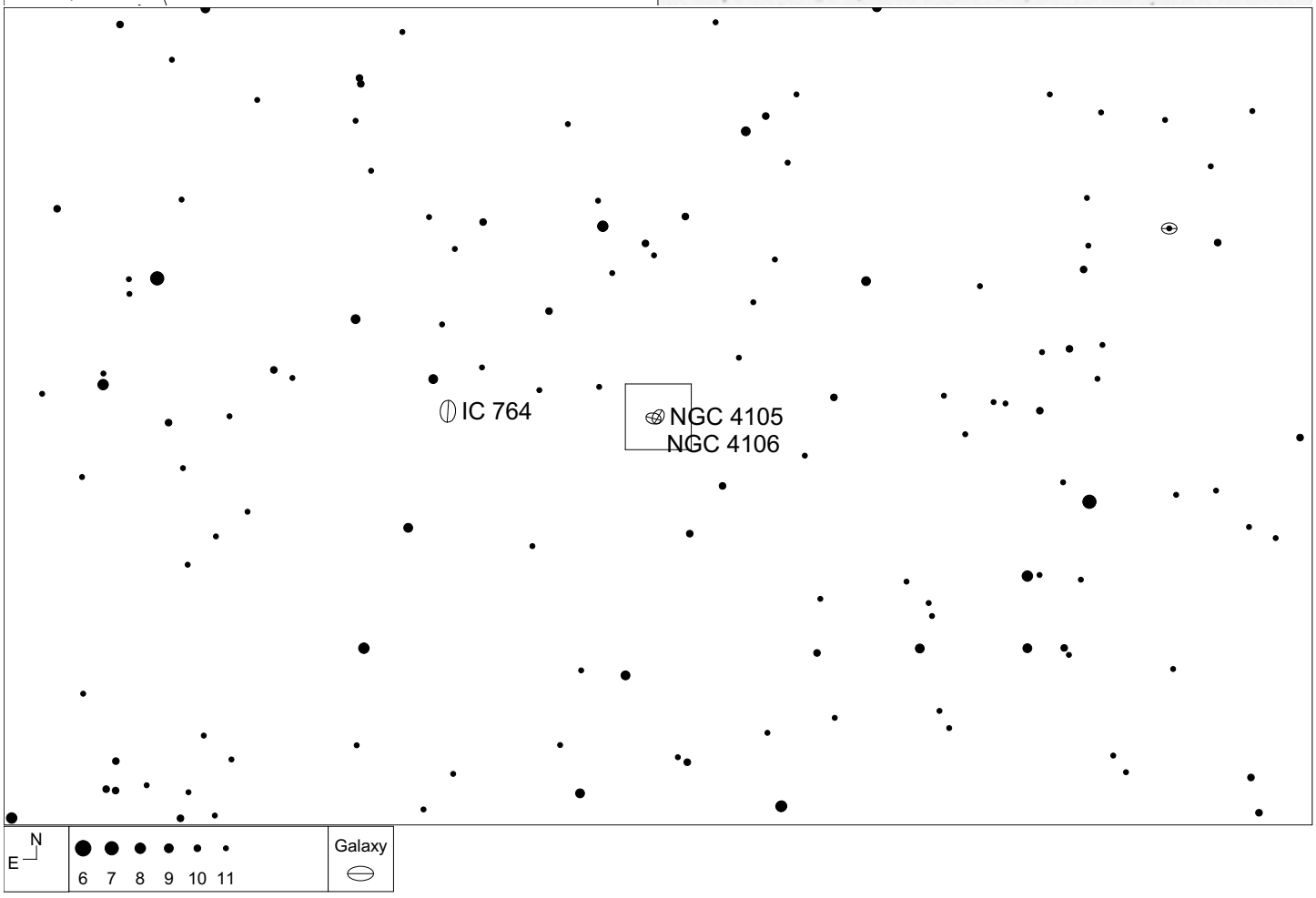


Herschel	RA	Dec	Mag	Size	Type
H II 269	11 13 17.1	-26 45 18	10.9b	4.6 x 2.5’	G E7/S0

NGC 4105 (Hydra)

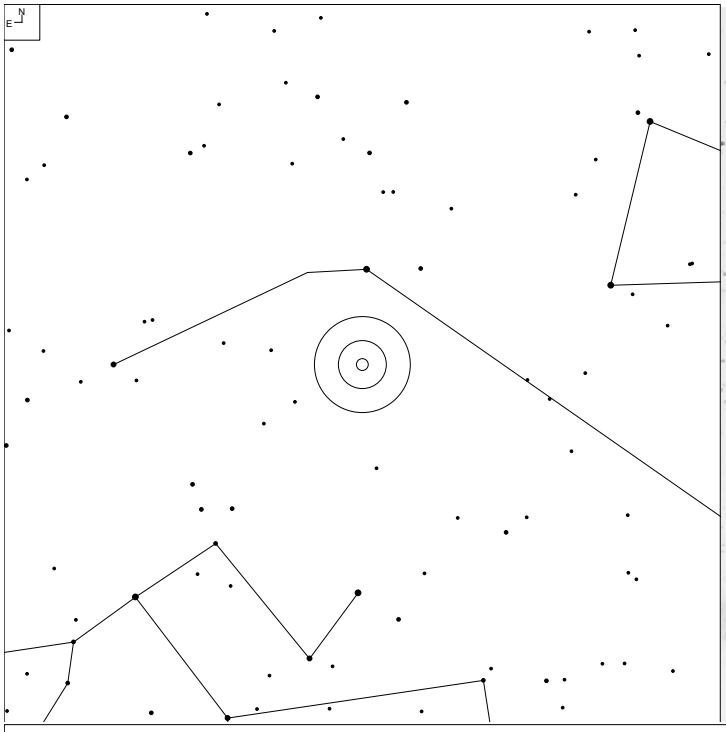


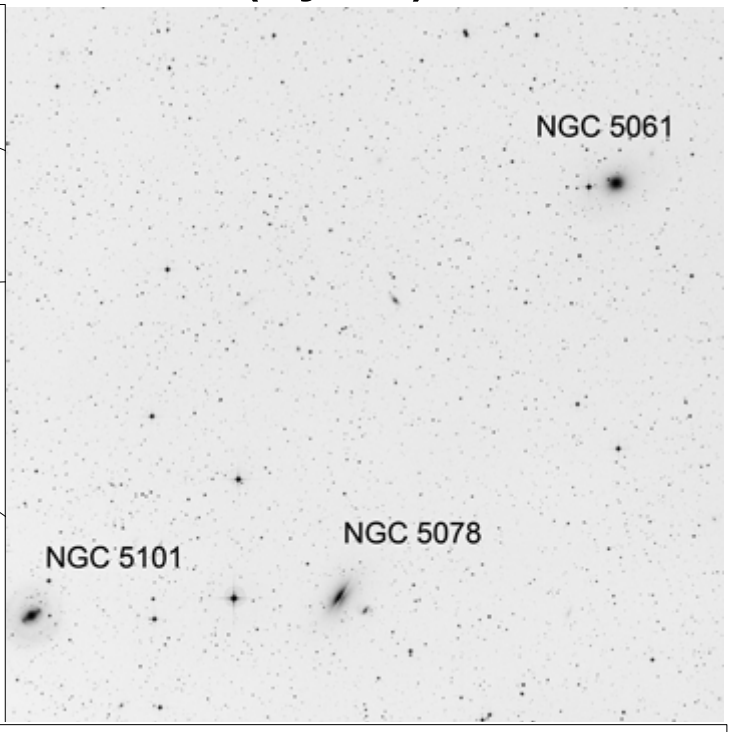


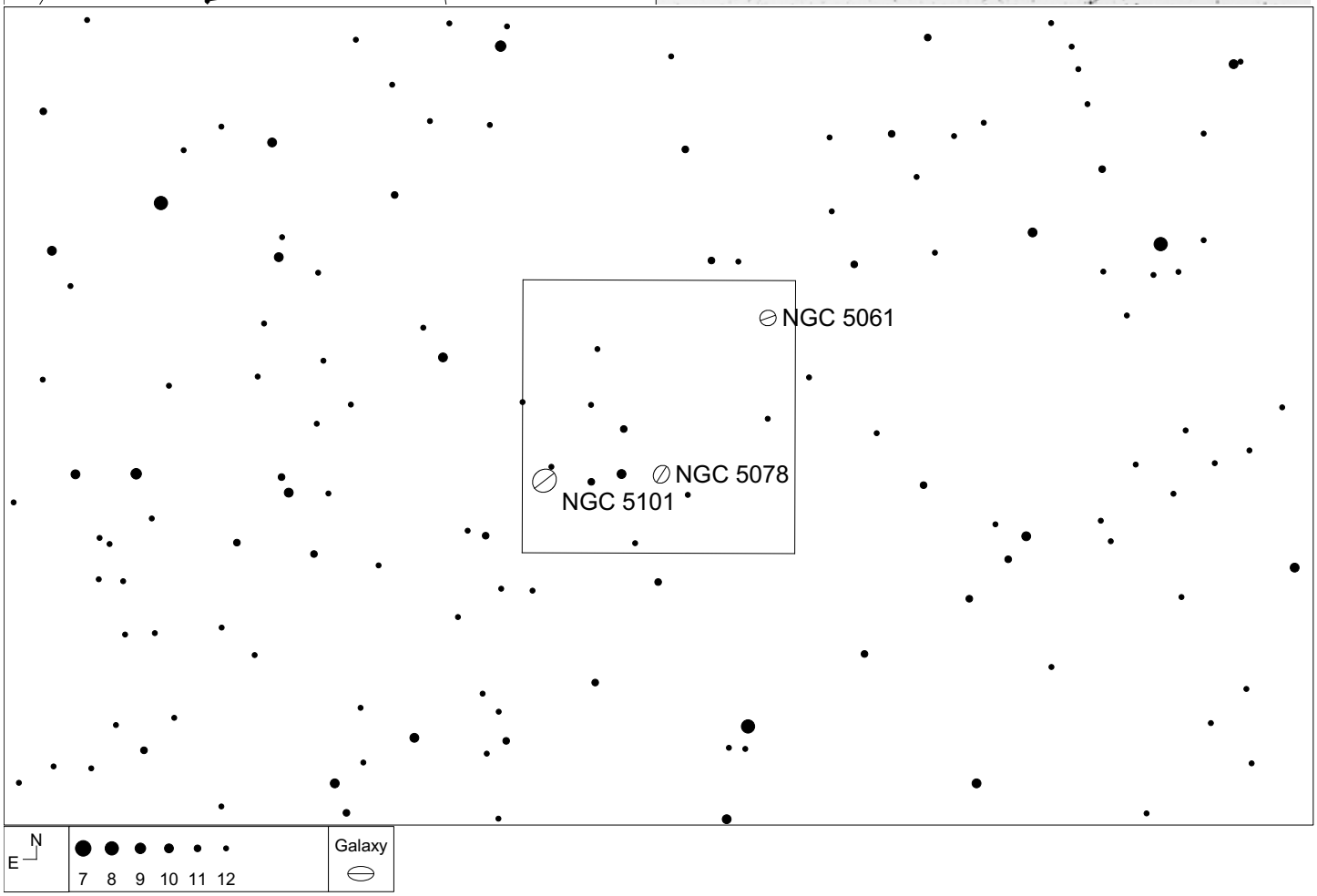


Herschel	RA	Dec	Mag	Size	Type
H II 865	12 06 40.7	-29 45 38	11.6b	2.7 x 2.0’	G E3

NGC 5061 and NGC 5078 (Hydra)

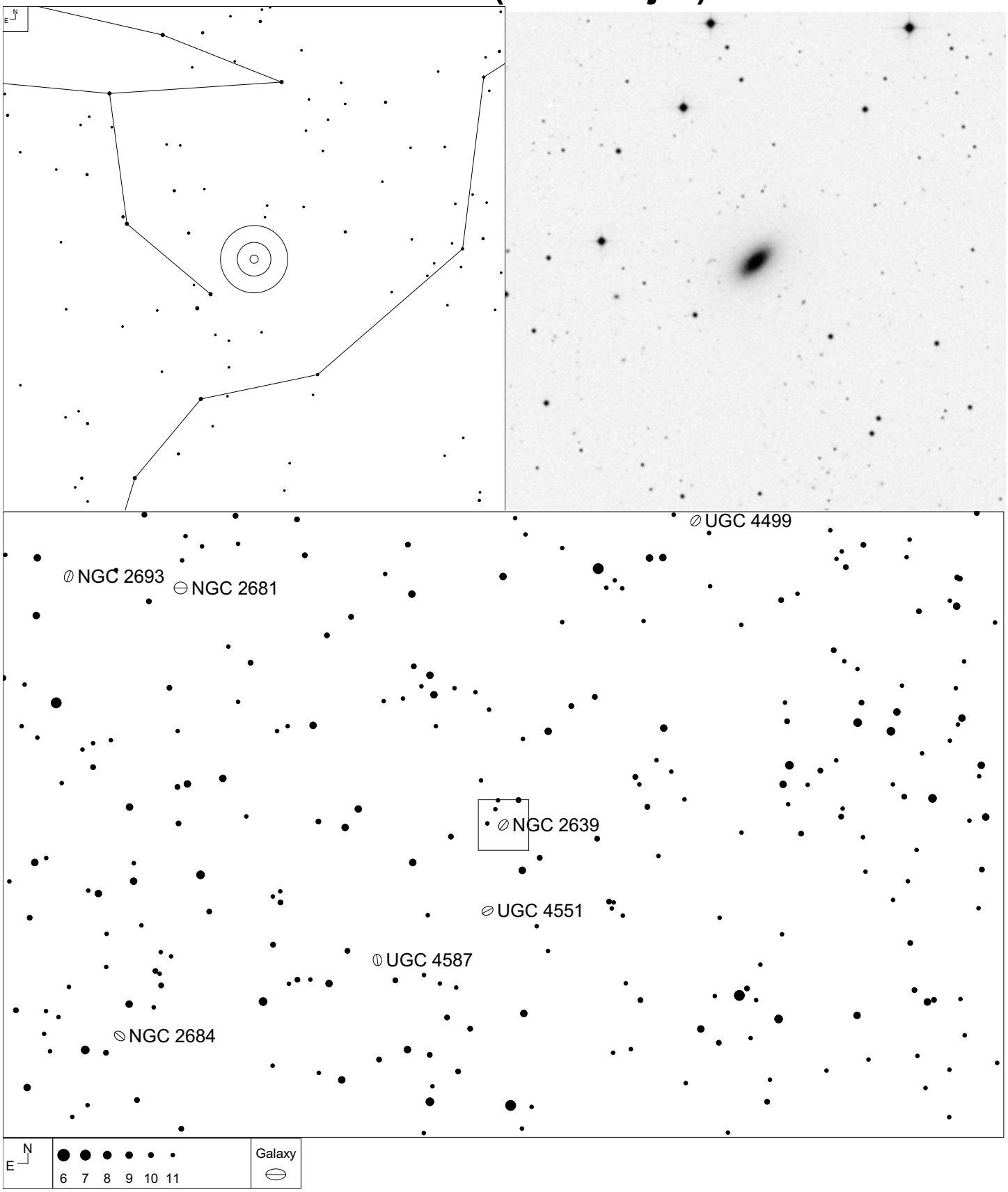






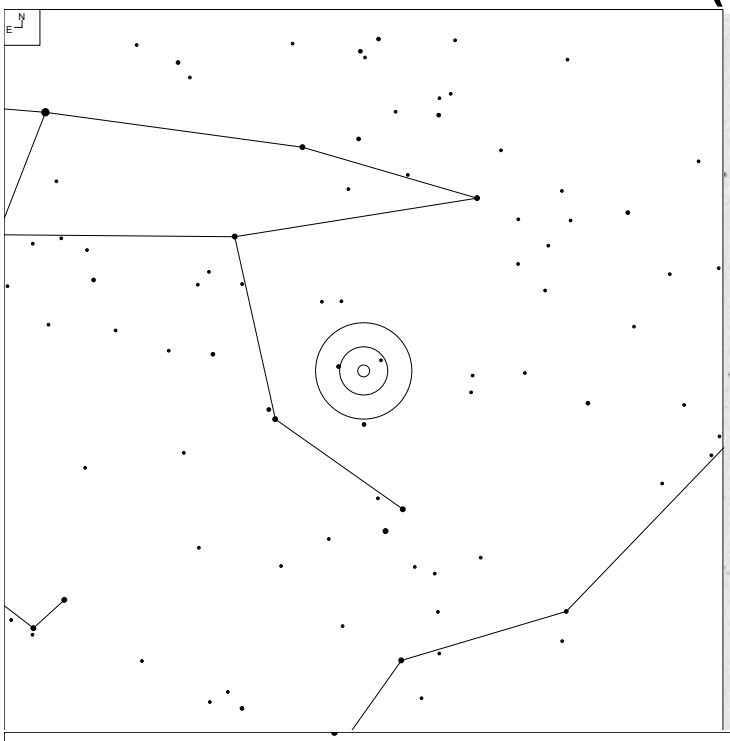
Herschel	RA	Dec	Mag	Size	Type
H I 138	13 18 04.8	-26 50 11	11.3b	3.5 x 2.9’	G E0/SA0-
H II 566	13 19 50.9	-27 24 28	12.0b	4.0 x 1.9’	G SA(s)a: sp

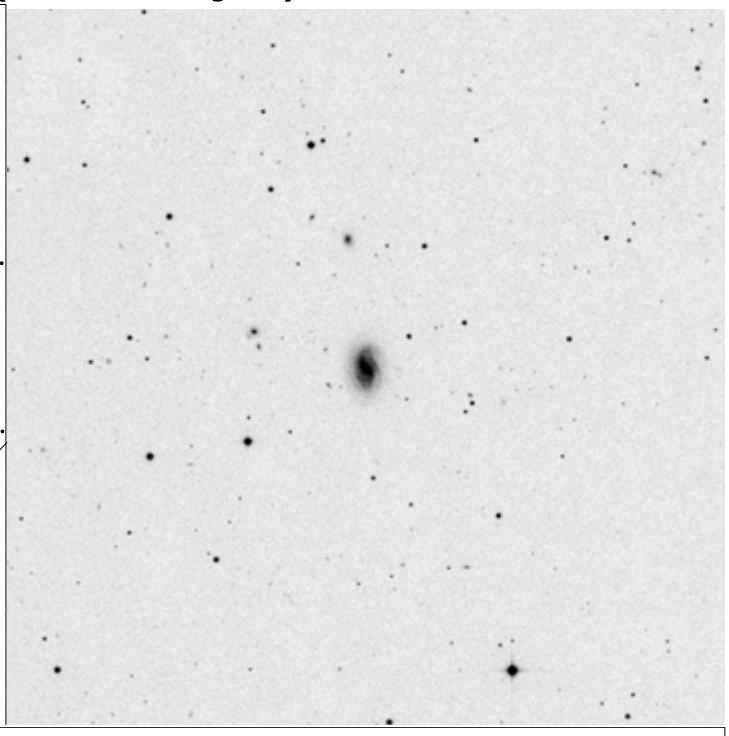
NGC 2639 (Ursa Major)

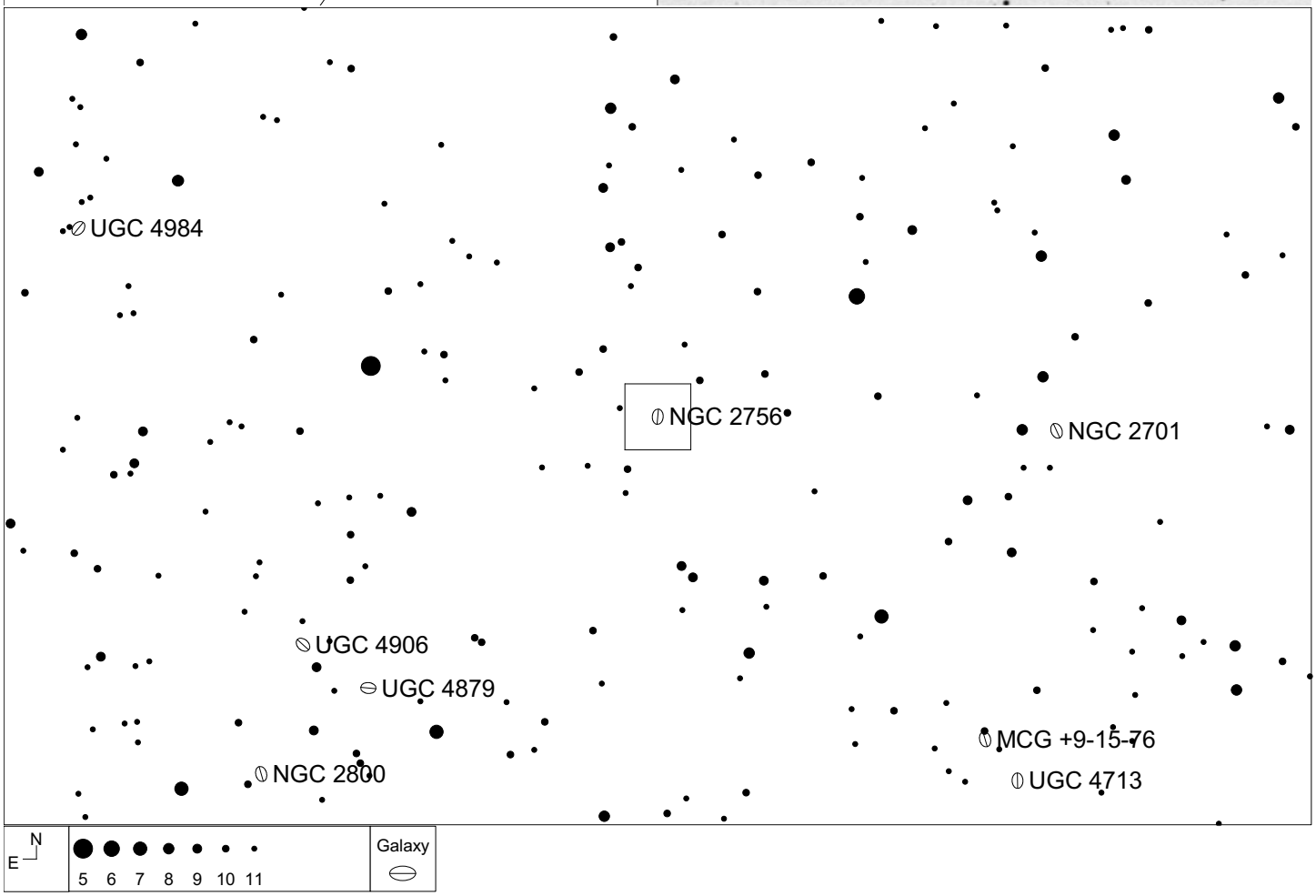


Herschel	RA	Dec	Mag	Size	Type
H I 204	08 43 38.0	+50 12 20	12.6b	2.1 x 1.3’	G (R)SA(r)a:?

NGC 2756 (Ursa Major)

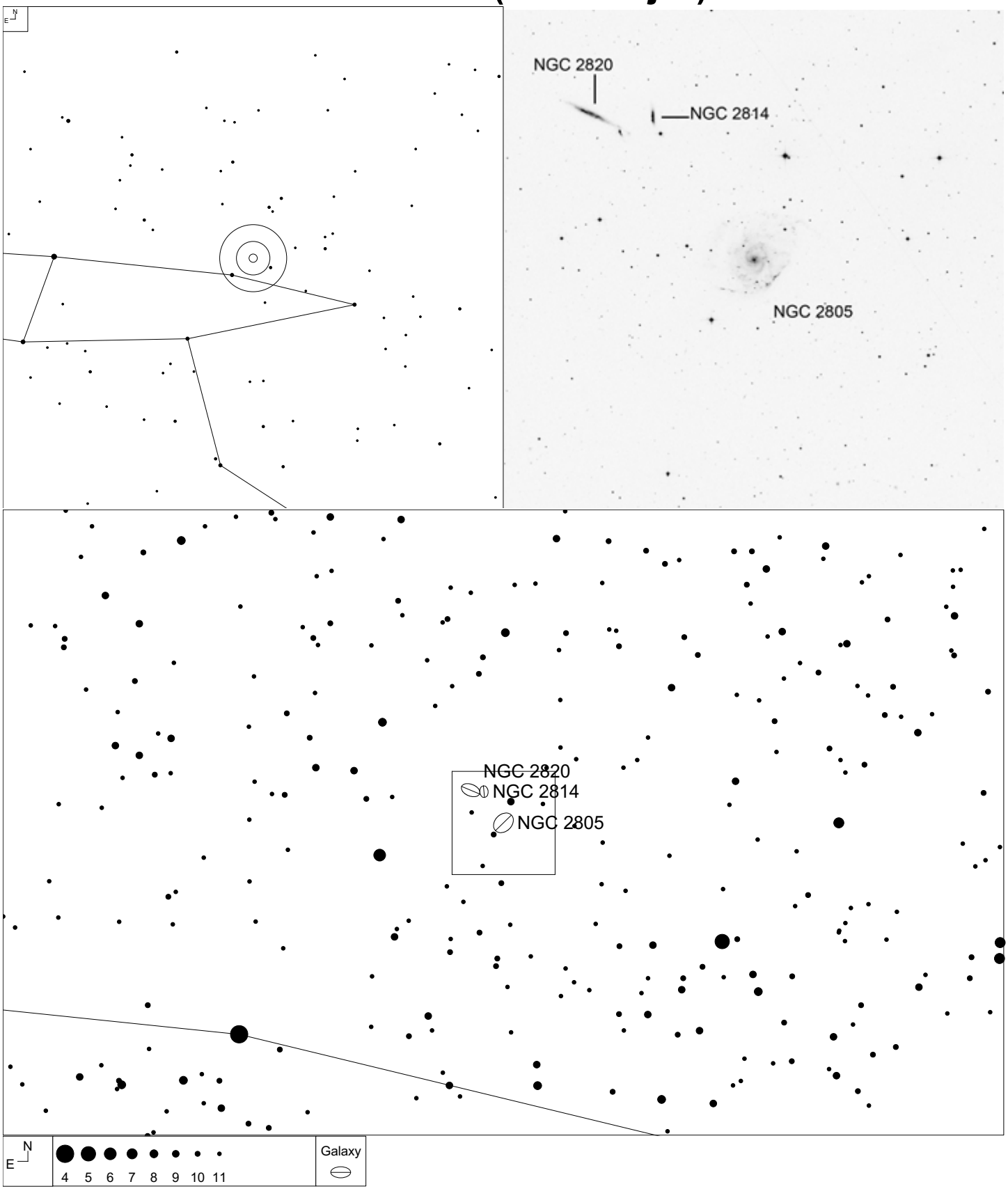






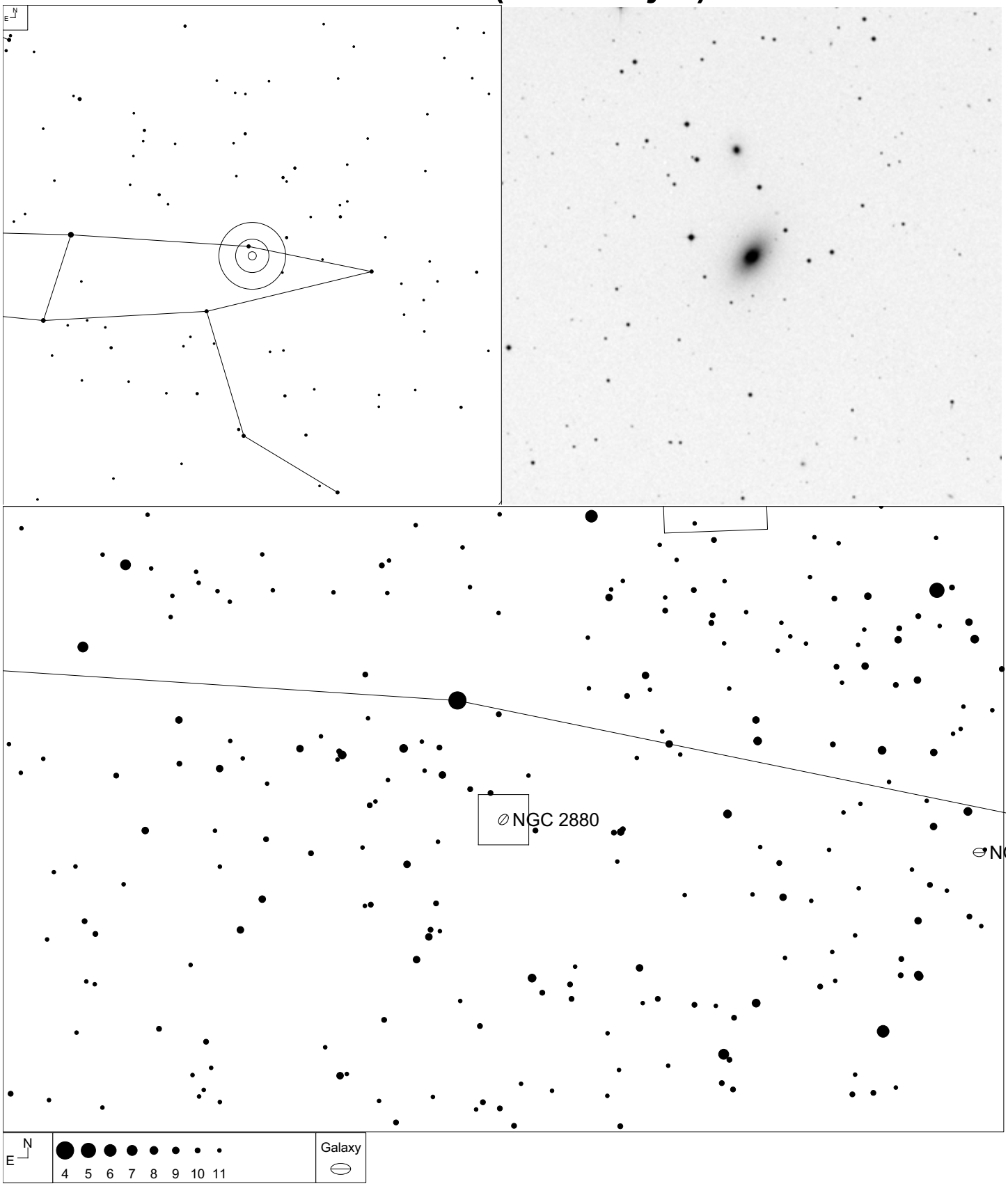
Herschel	RA	Dec	Mag	Size	Type
H II 828	09 09 01.1	+53 50 58	13.2p	1.7 x 1.1’	G Sb

NGC 2805 (Ursa Major)



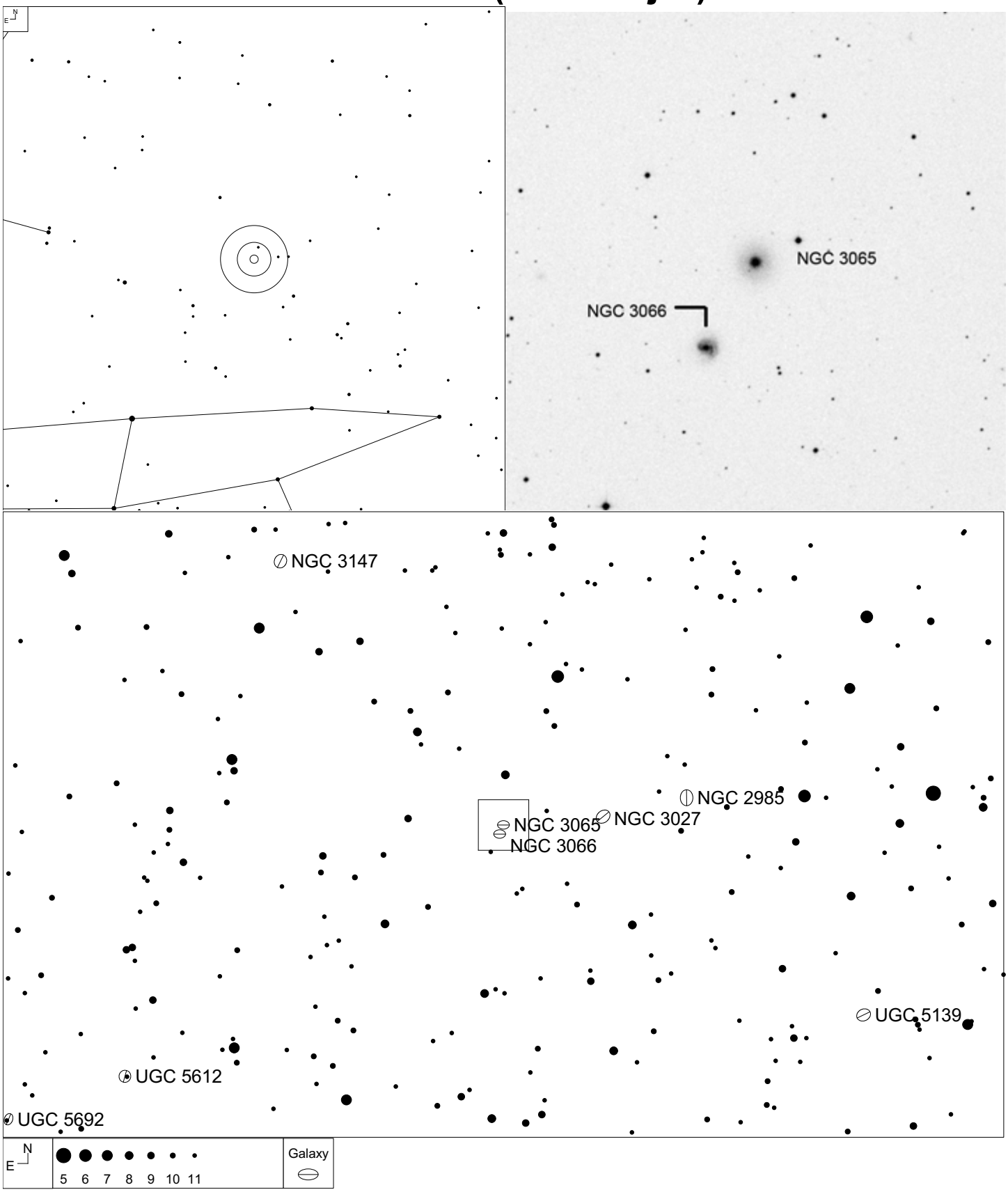
Herschel	RA	Dec	Mag	Size	Type
H III 878	09 20 20.4	+64 06 10	11.5b	6.3 x 4.7’	G SAB(rs)d

NGC 2880 (Ursa Major)



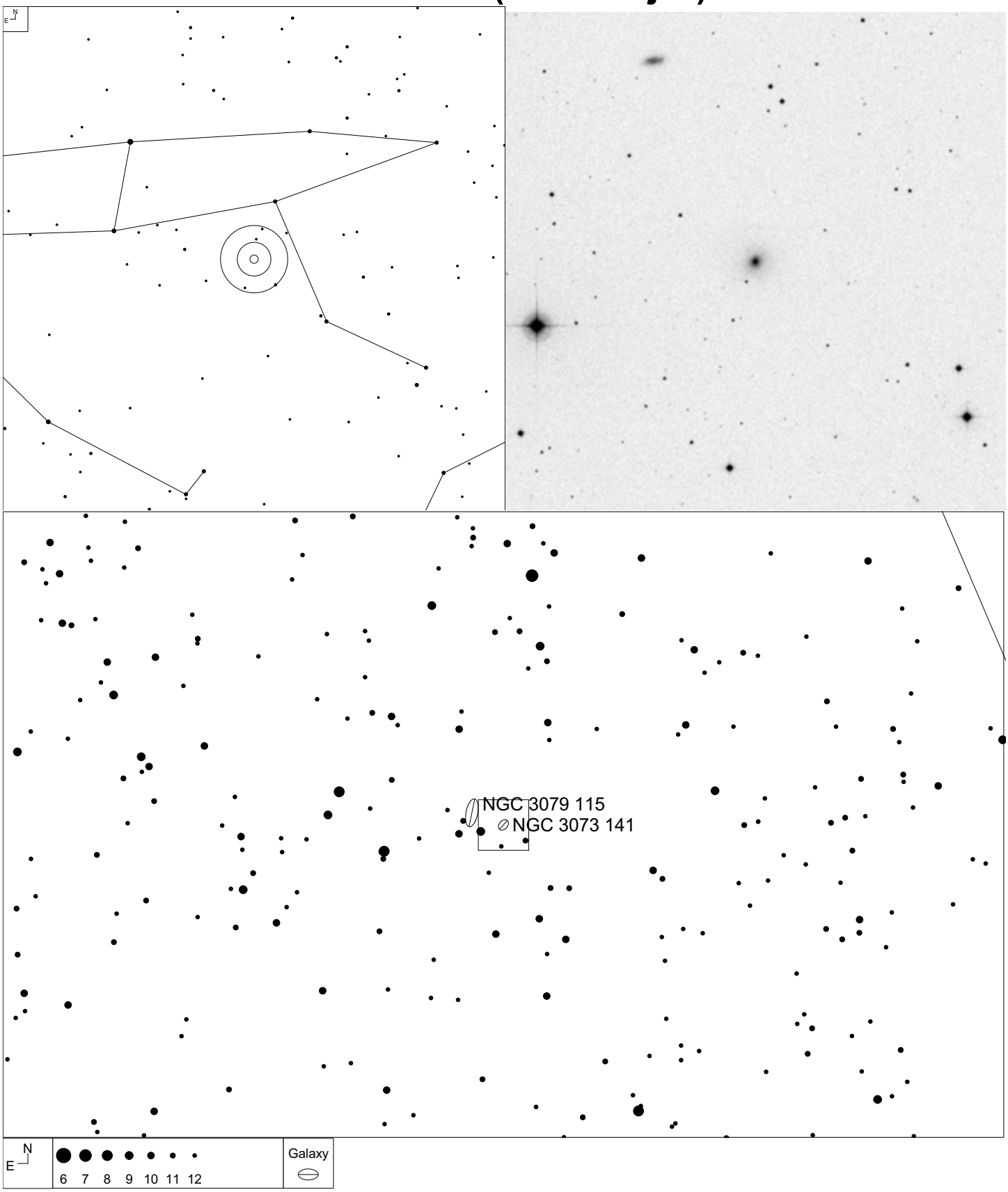
Herschel	RA	Dec	Mag	Size	Type
H I 260	09 29 34.5	+62 29 27	12.5b	2.0 x 1.1’	G SB0-

NGC 3065 (Ursa Major)



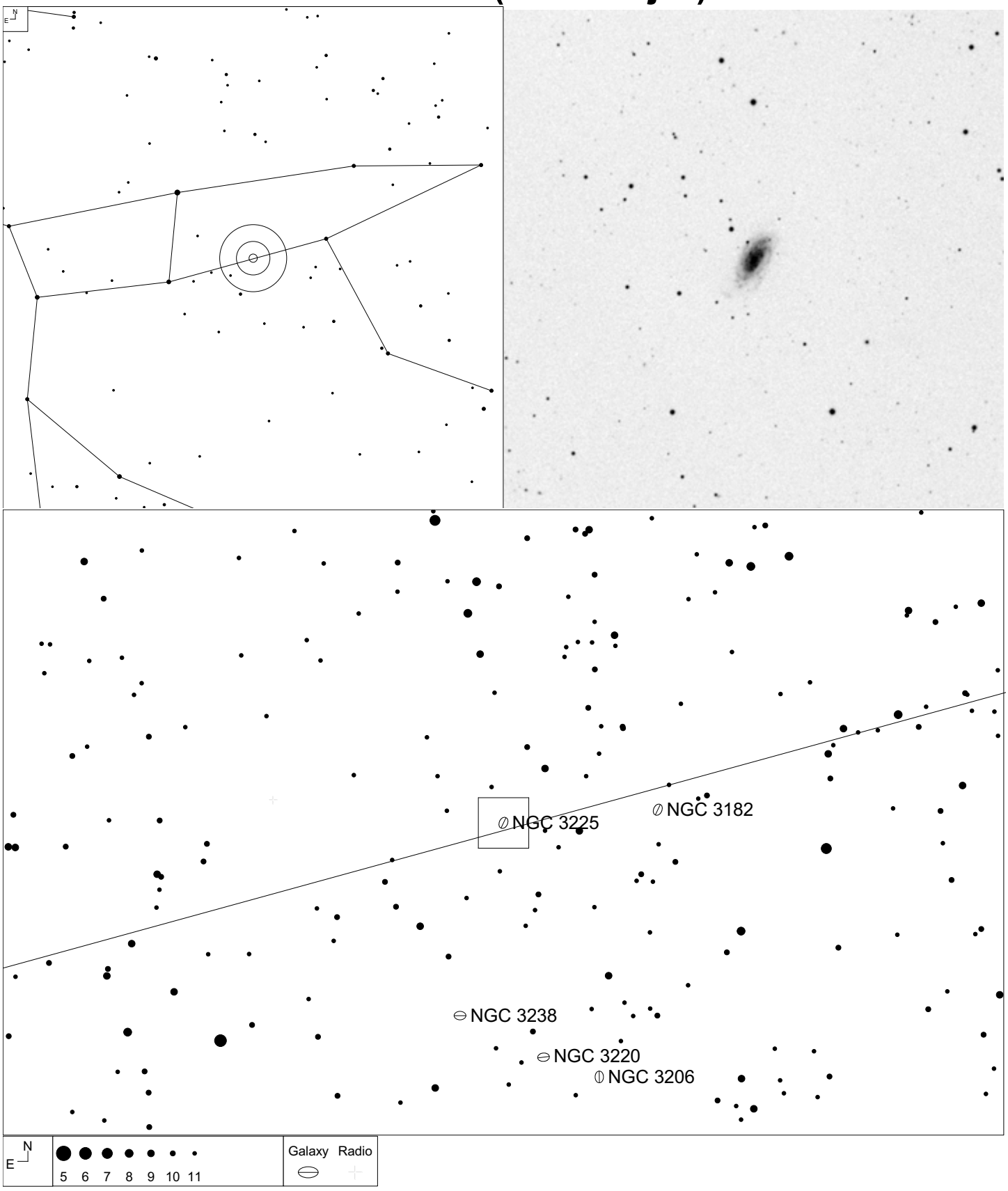
Herschel	RA	Dec	Mag	Size	Type
H II 333	10 01 55.3	+72 10 13	13.5b	1.7 x 1.6’	G SA(r)0°

NGC 3073 (Ursa Major)



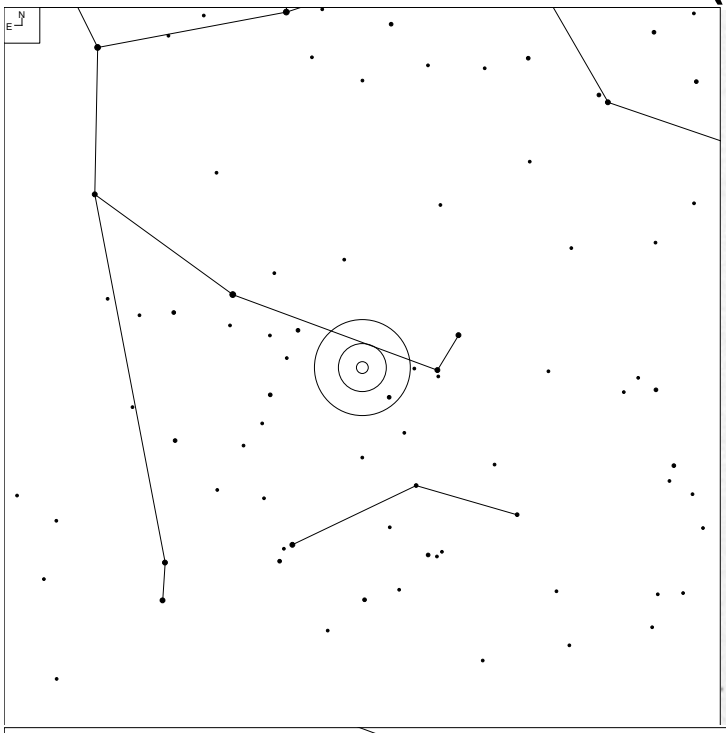
Herschel	RA	Dec	Mag	Size	Type
H III 853	10 00 52.0	+55 37 07	14.1b	1.3 x 1.2’	G SAB0-

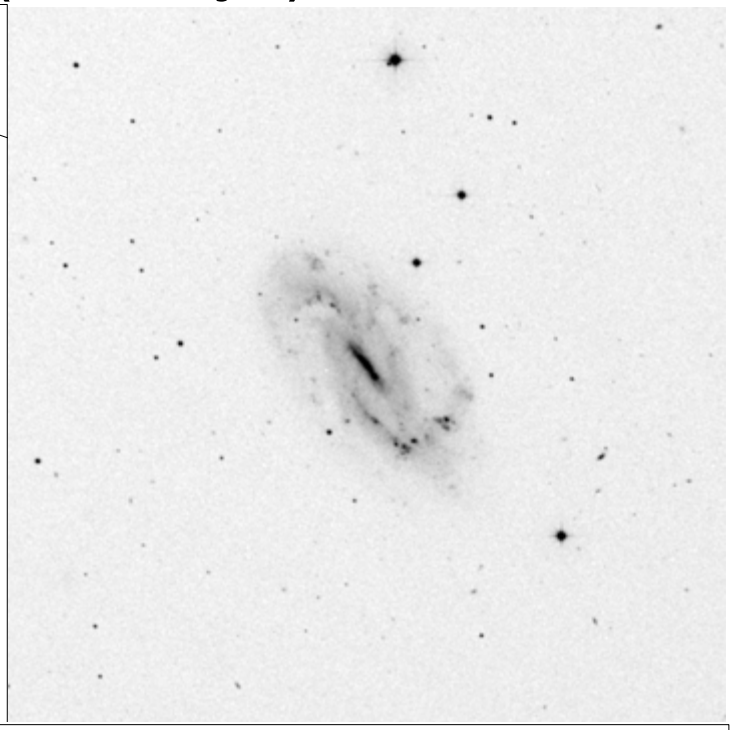
NGC 3225 (Ursa Major)

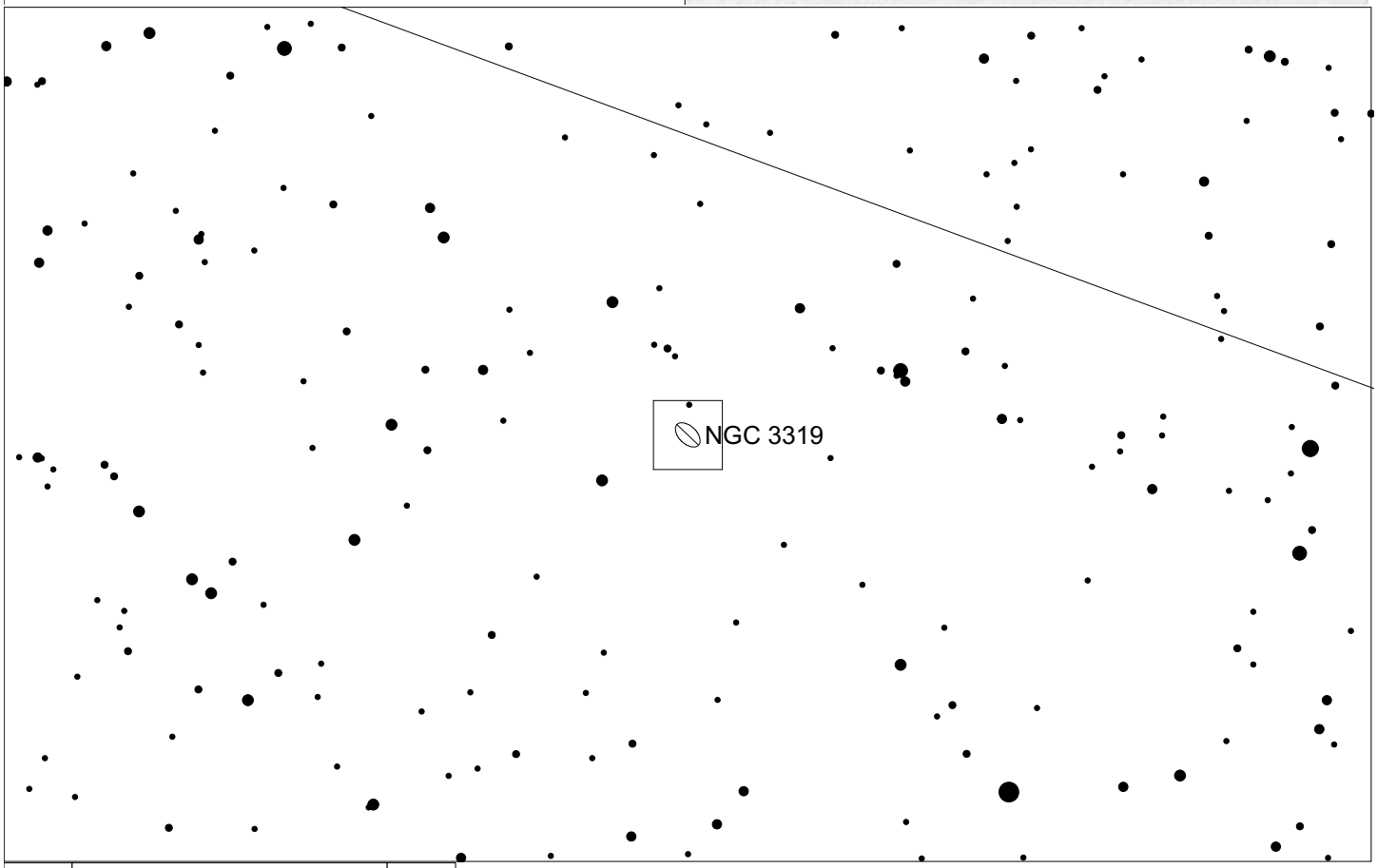


Herschel	RA	Dec	Mag	Size	Type
H II 882	10 25 10.0	+58 09 00	13.3p	2.0 x 1.0’	G Scd:

NGC 3319 (Ursa Major)

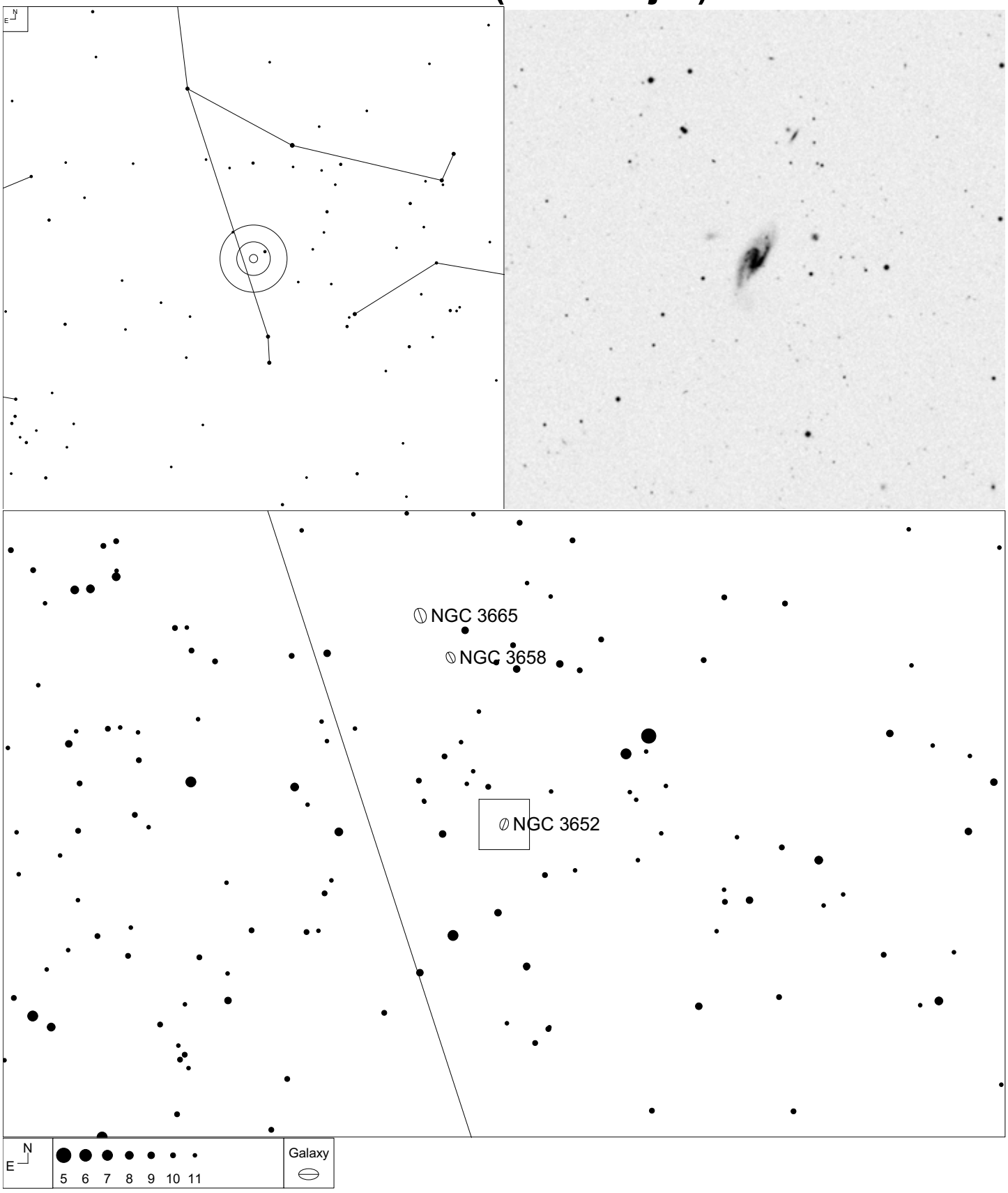






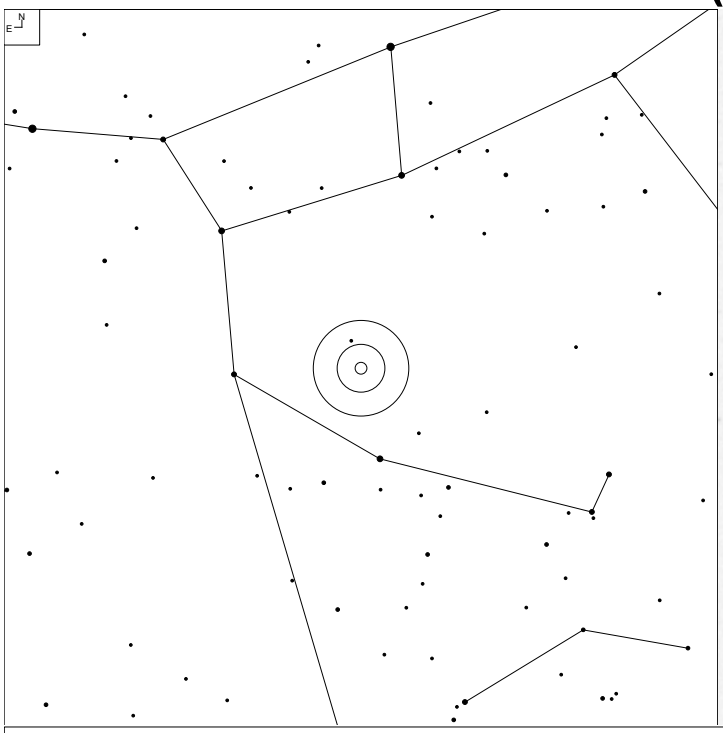
Herschel	RA	Dec	Mag	Size	Type
H III 700	10 39 09.3	+41 41 14	11.5b	6.2 x 3.6’	G SB(rs)cd

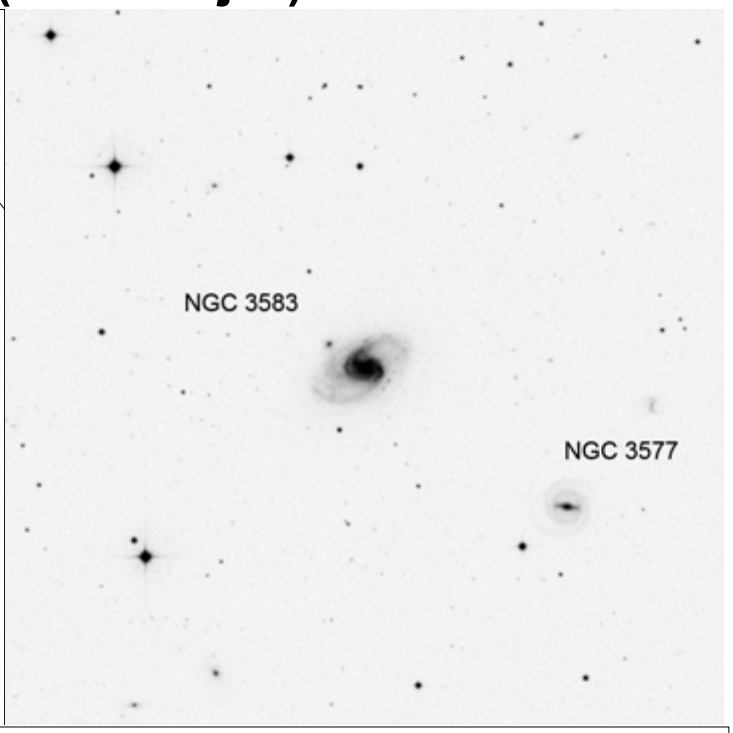
NGC 3652 (Ursa Major)

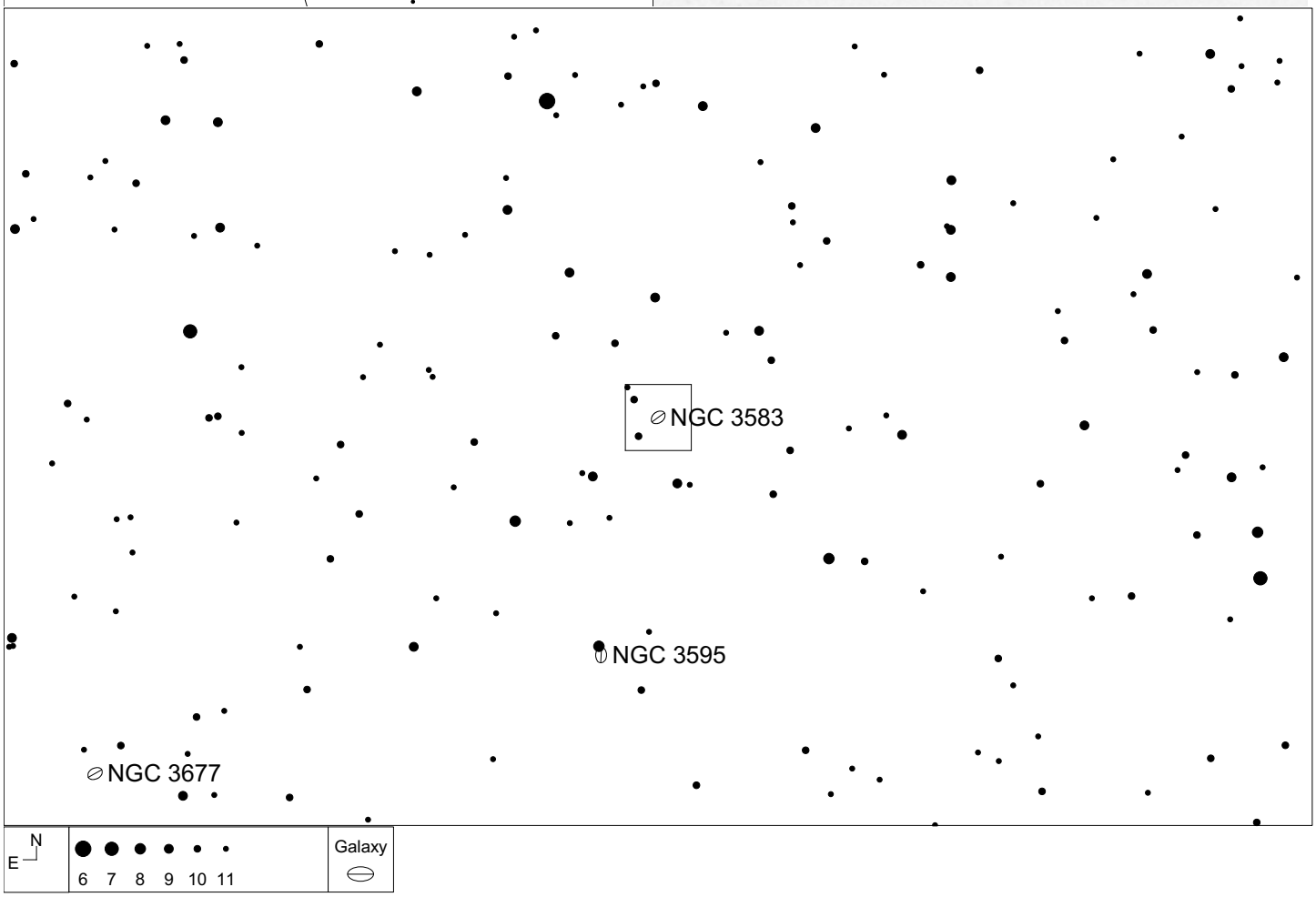


Herschel	RA	Dec	Mag	Size	Type
H II 775	11 22 39.0	+37 45 54	12.9p	3.1 x 1.6’	G SBc

NGC 3583 (Ursa Major)

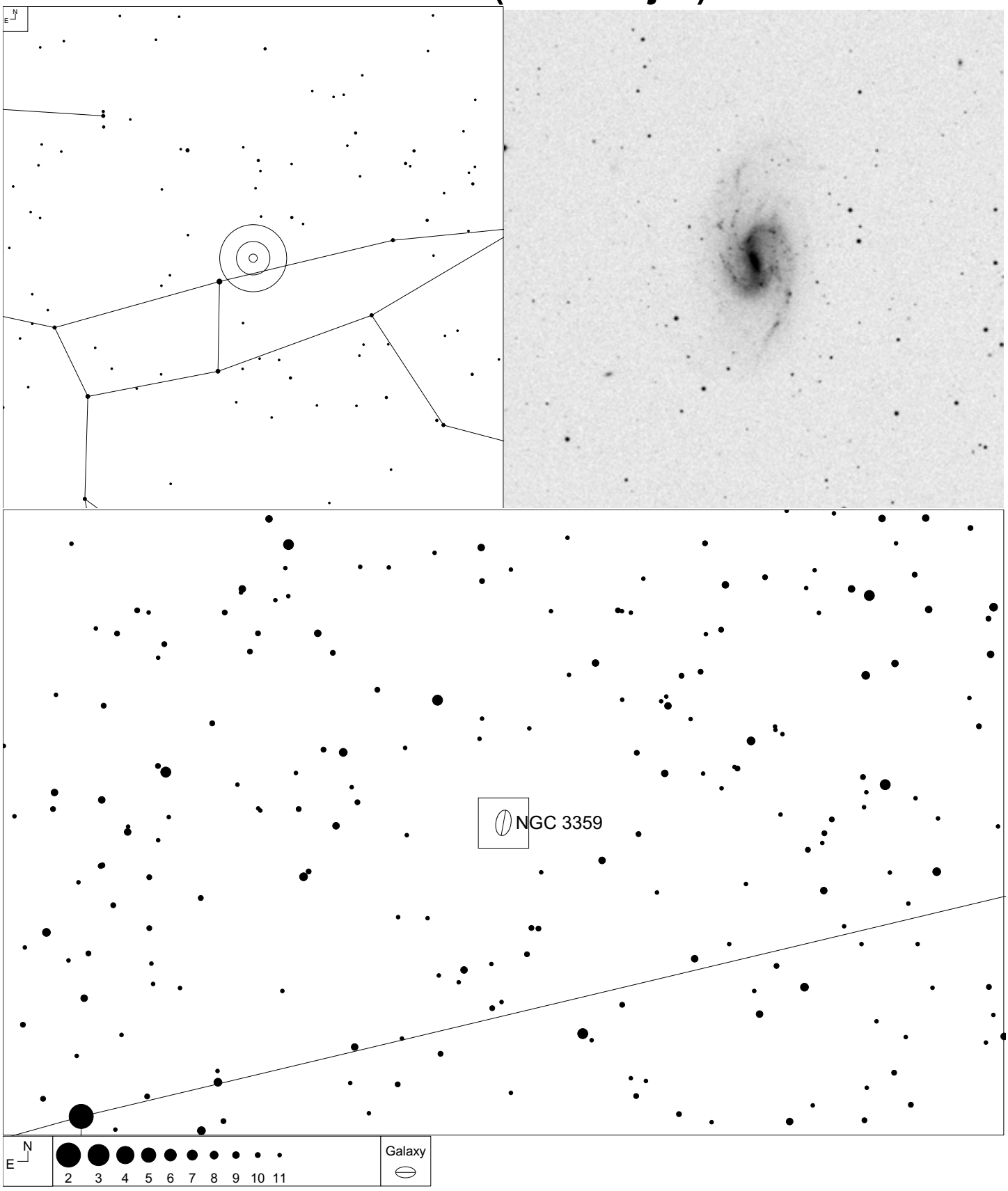






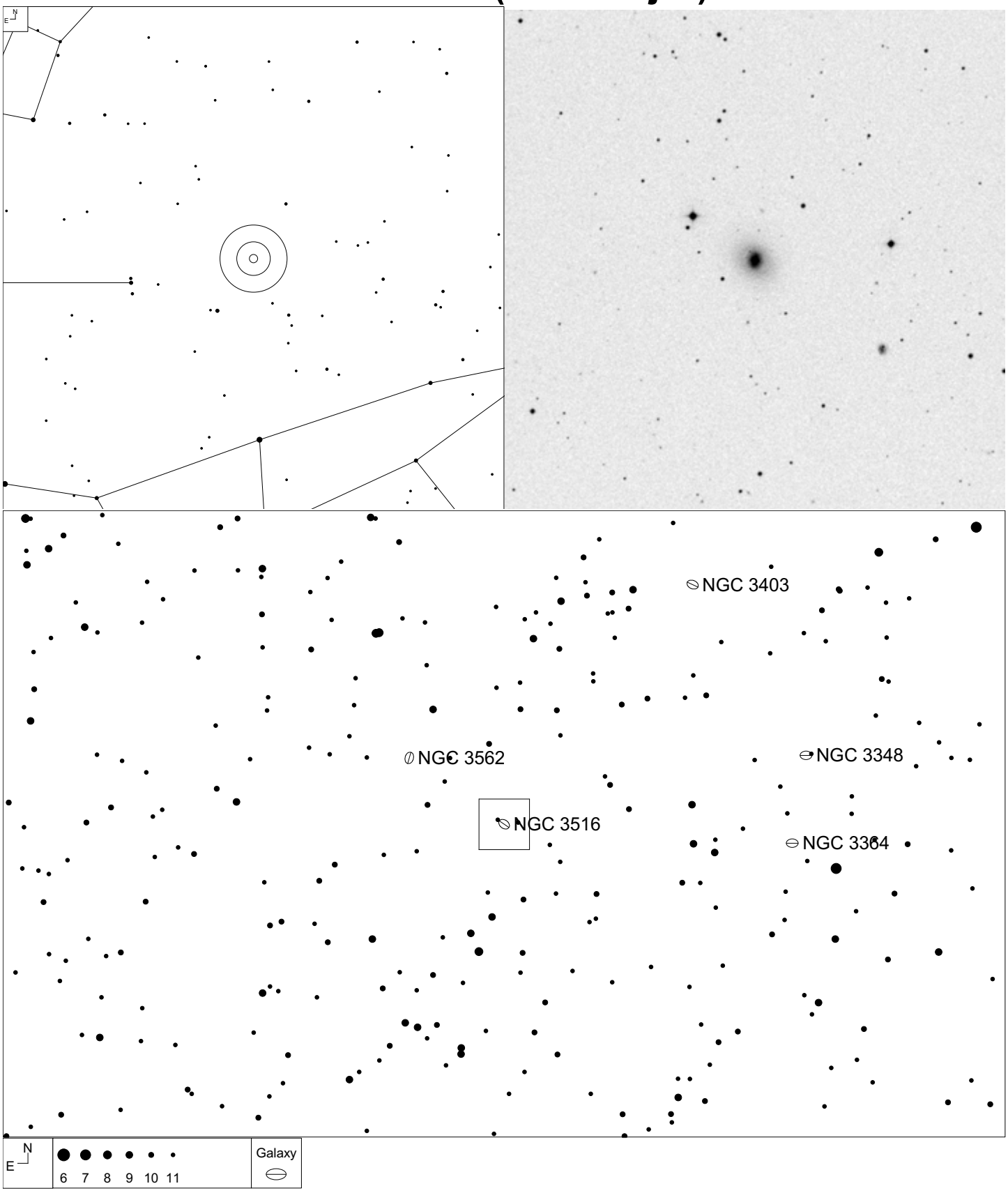
Herschel	RA	Dec	Mag	Size	Type
H II 728	11 14 10.8	+48 19 06	11.9p	2.8 x 1.8’	G SB(s)b

NGC 3359 (Ursa Major)



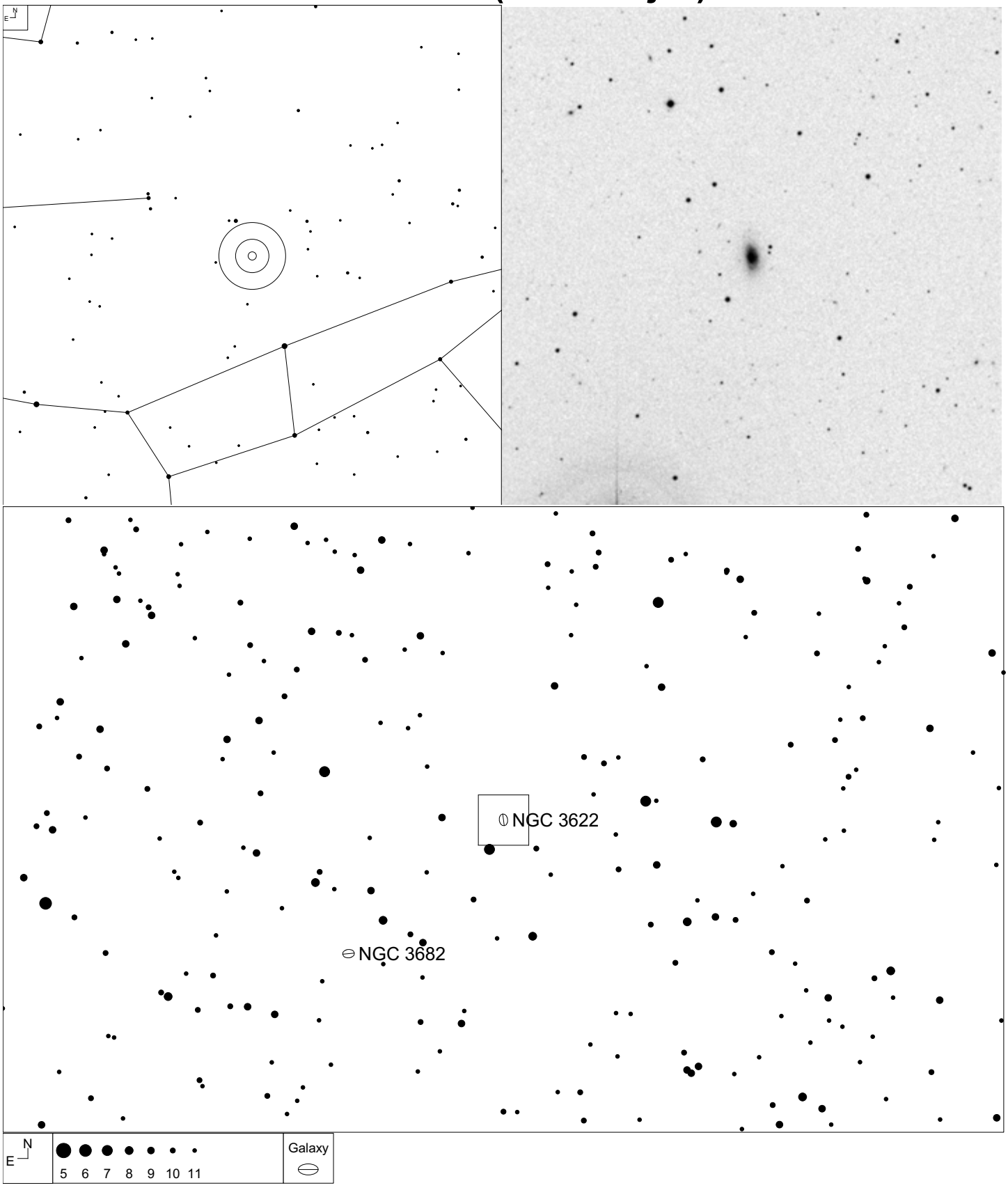
Herschel	RA	Dec	Mag	Size	Type
H V 52	10 46 36.7	+63 13 28	11.0b	7.3 x 4.3’	G SB(rs)c

NGC 3516 (Ursa Major)



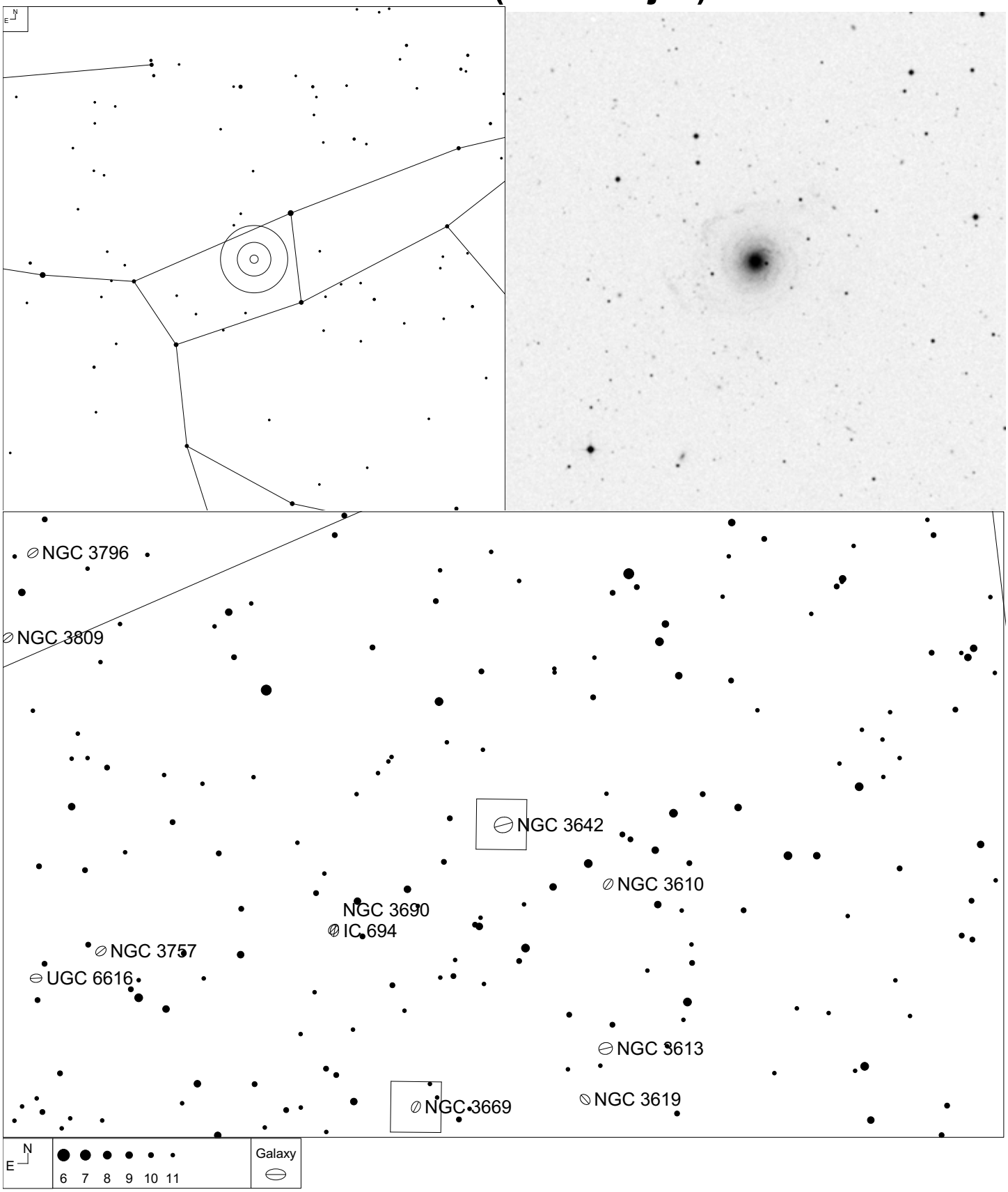
Herschel	RA	Dec	Mag	Size	Type
H II 336	11 06 47.5	+72 34 07	12.5b	1.9 x 1.5’	G (R)SB(s)0°:

NGC 3622 (Ursa Major)



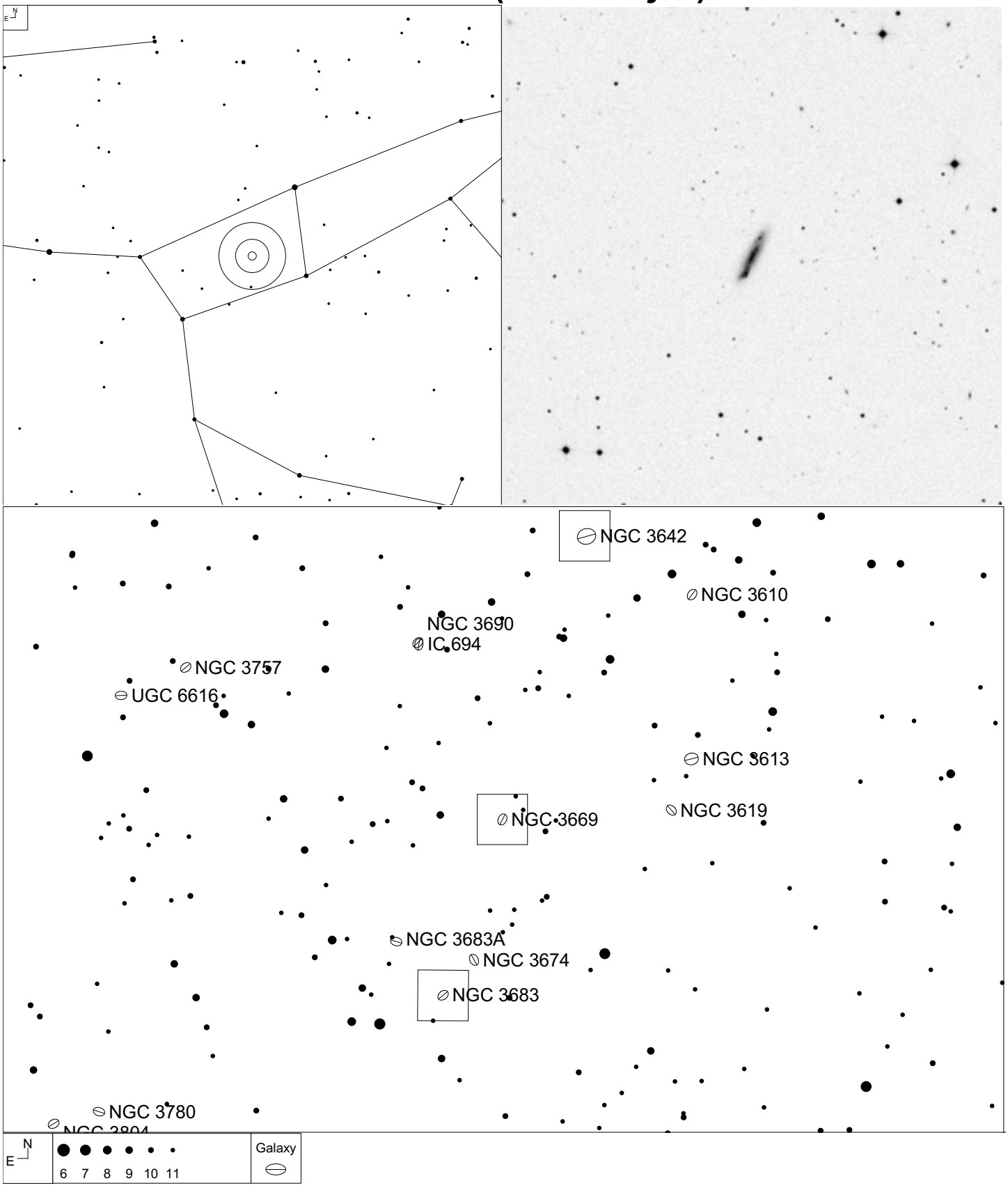
Herschel	RA	Dec	Mag	Size	Type
H II 879	11 20 12.5	+67 14 29	12.7b	1.5 x 0.8’	G S?

NGC 3642 (Ursa Major)



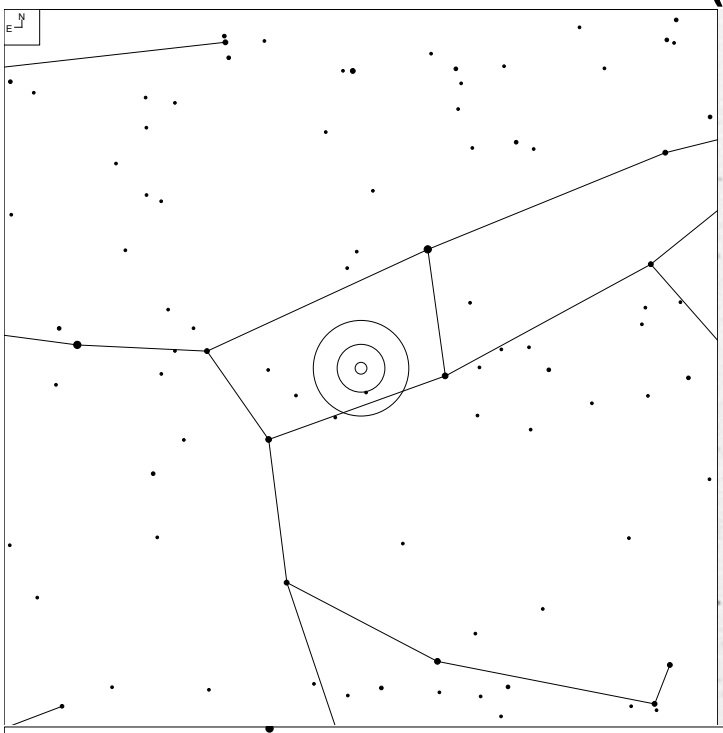
Herschel	RA	Dec	Mag	Size	Type
H I 245	11 22 17.9	+59 04 28	11.7b	5.3 x 4.4’	G SA(r)bc:

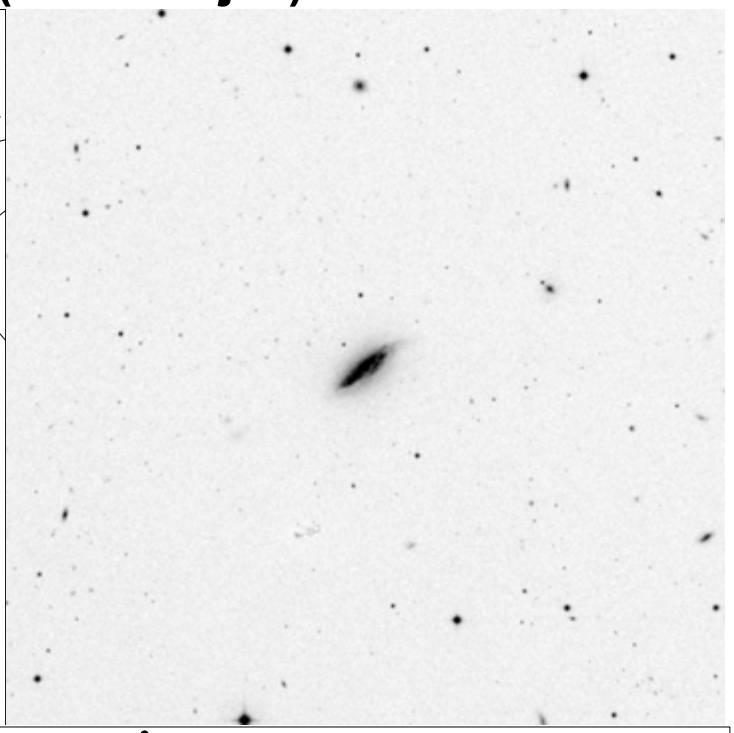
NGC 3669 (Ursa Major)

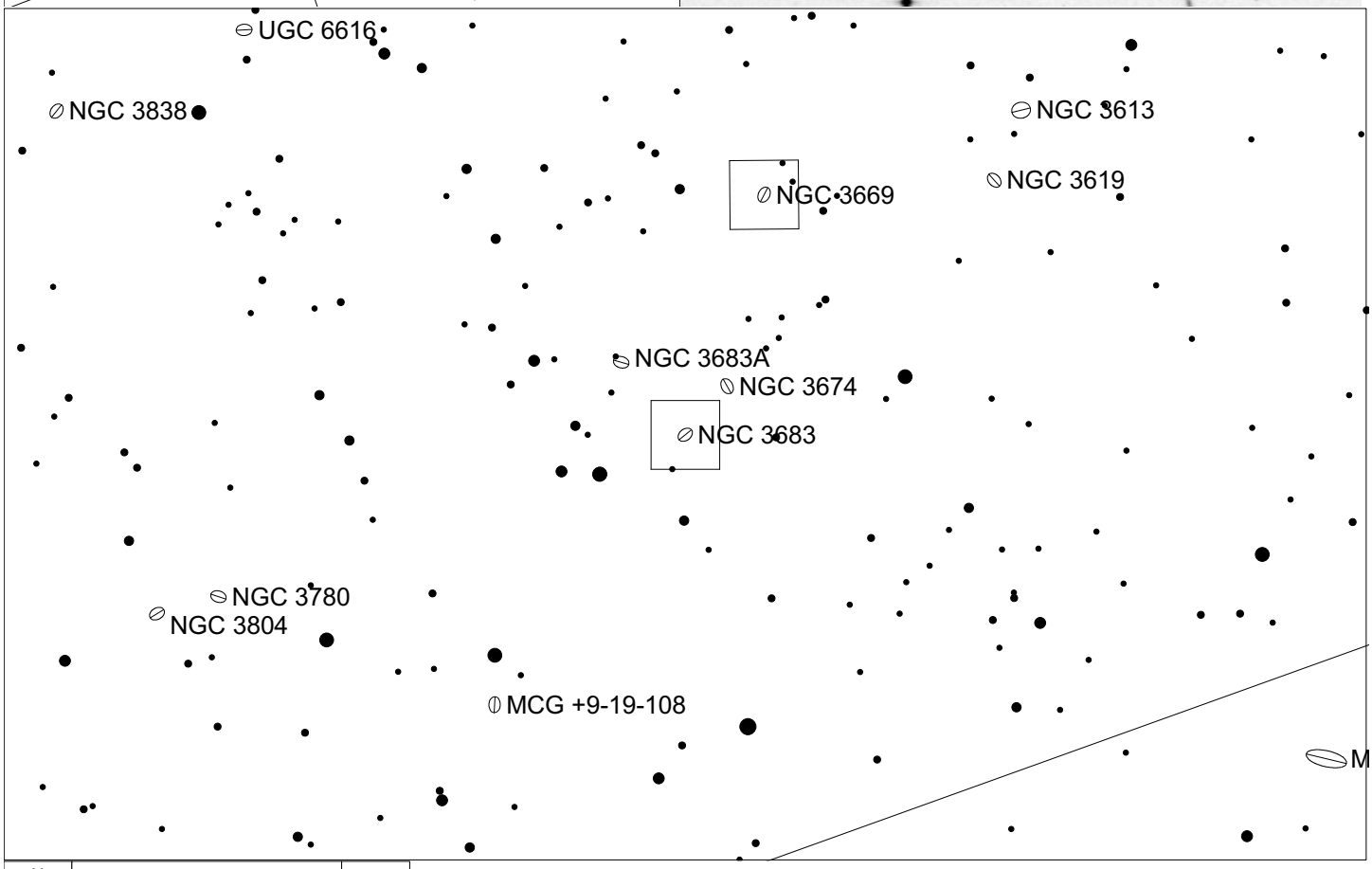


Herschel	RA	Dec	Mag	Size	Type
H II 829	11 25 26.7	+57 43 17	13.1p	2.2 x 0.5’	G SBcd: sp

NGC 3683 (Ursa Major)

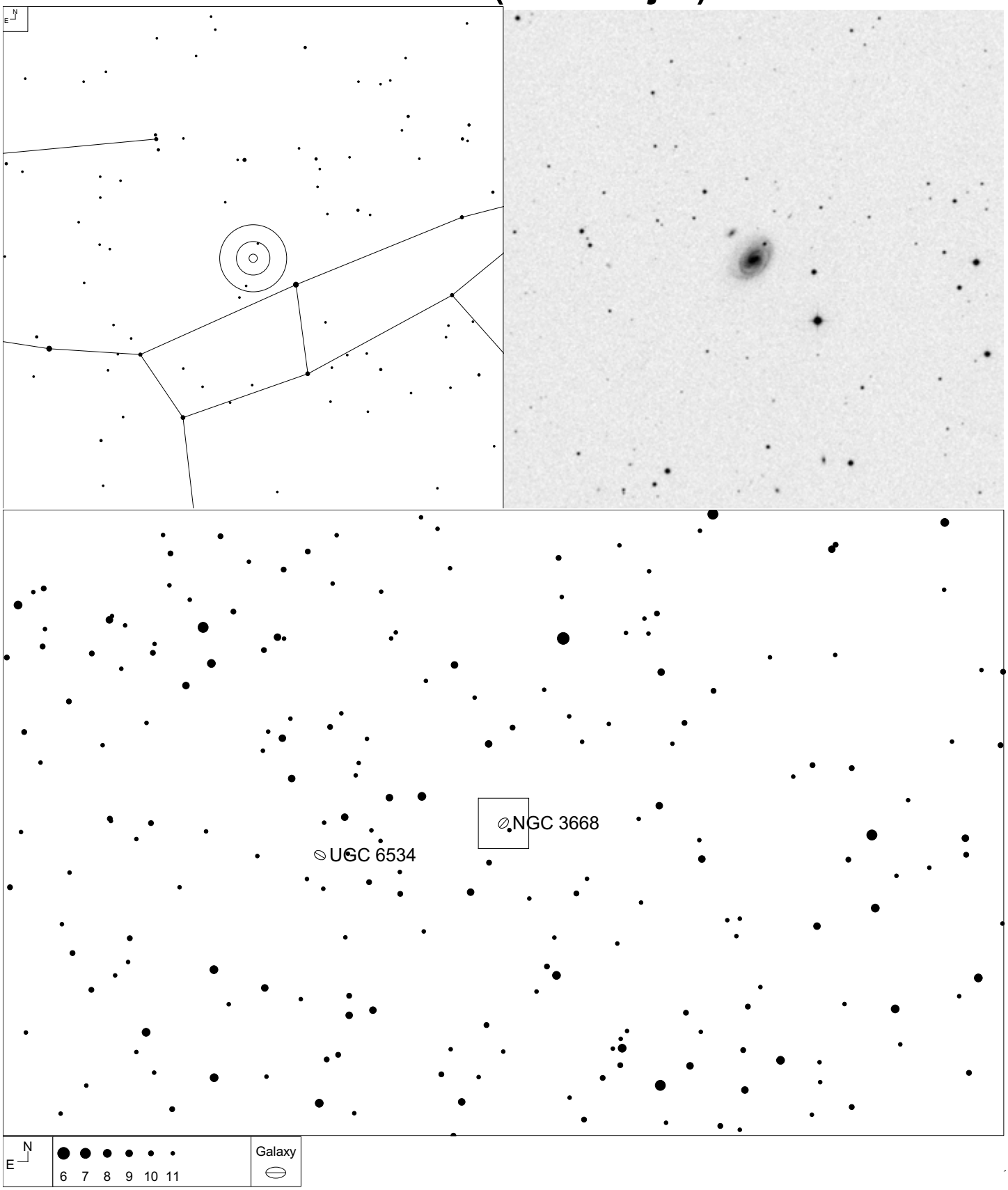






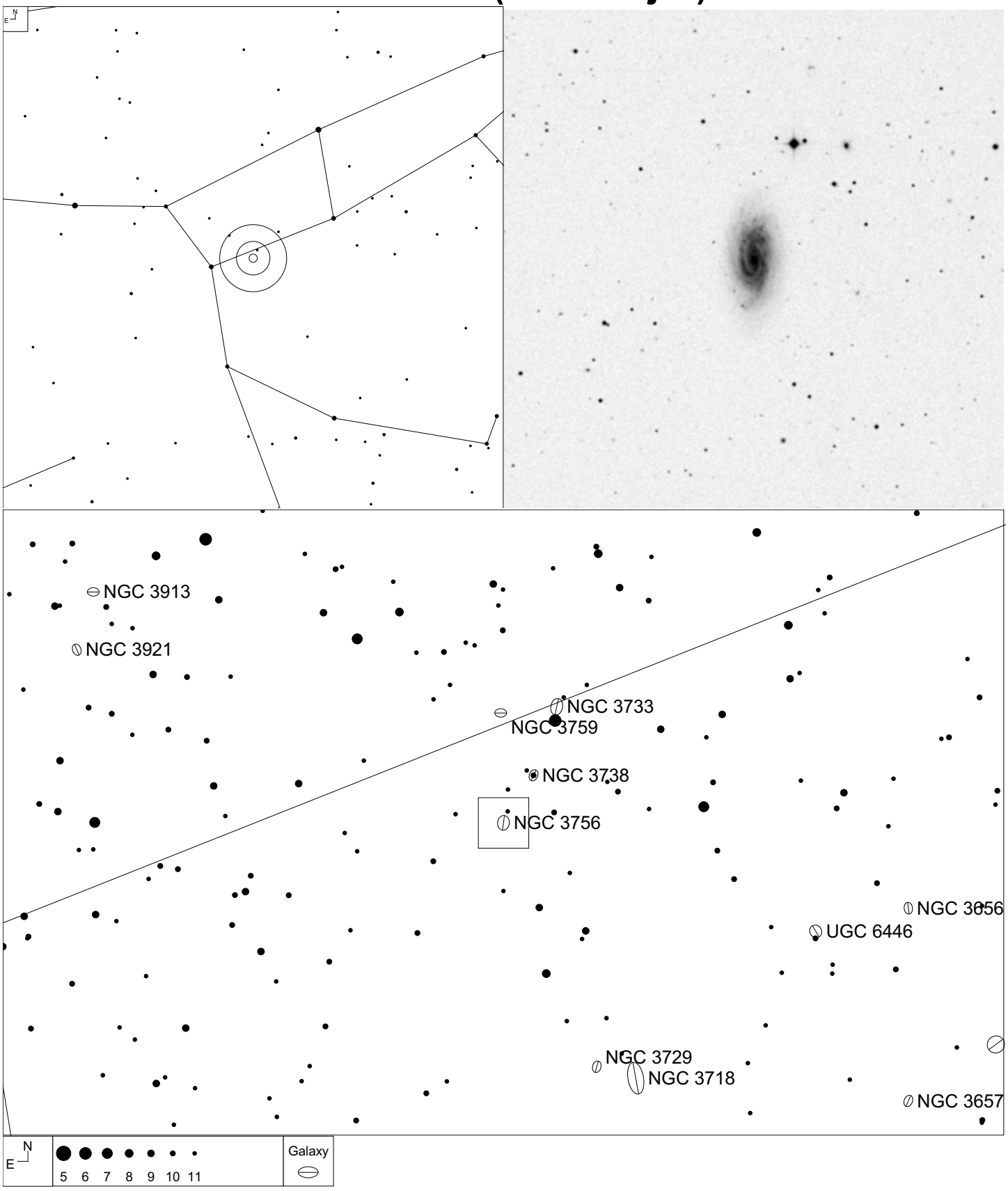
Herschel	RA	Dec	Mag	Size	Type
H I 246	11 27 32.0	+56 52 37	13.1p	1.8 x 1.2’	G SB(s)c?

NGC 3668 (Ursa Major)



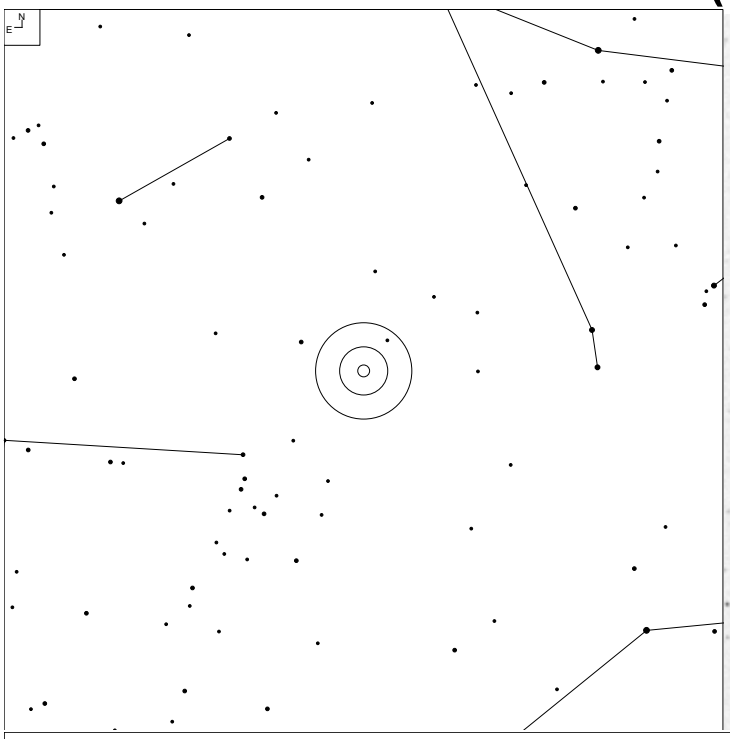
Herschel	RA	Dec	Mag	Size	Type
H II 845	11 25 30.4	+63 26 46	13.1p	1.7 x1.3’	G Sbc

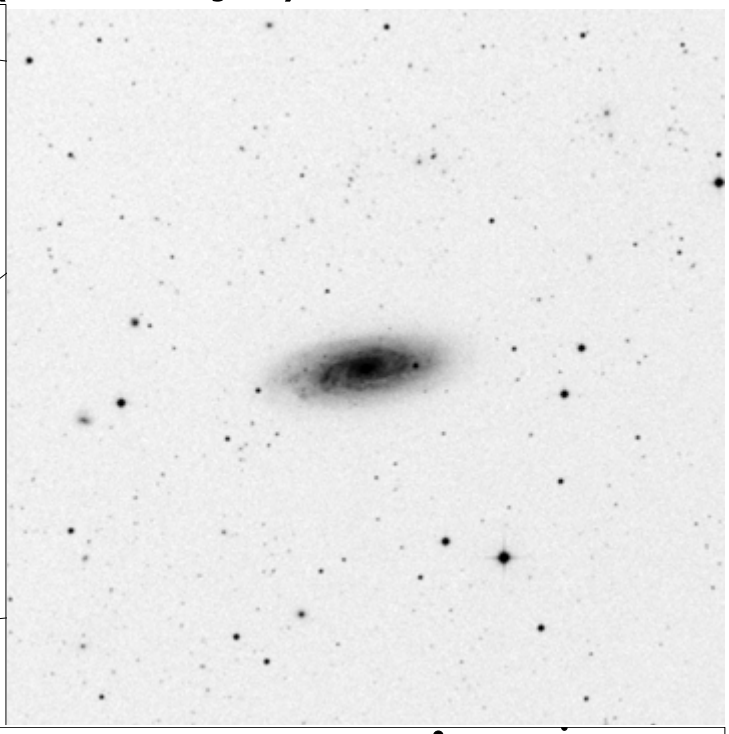
NGC 3756 (Ursa Major)

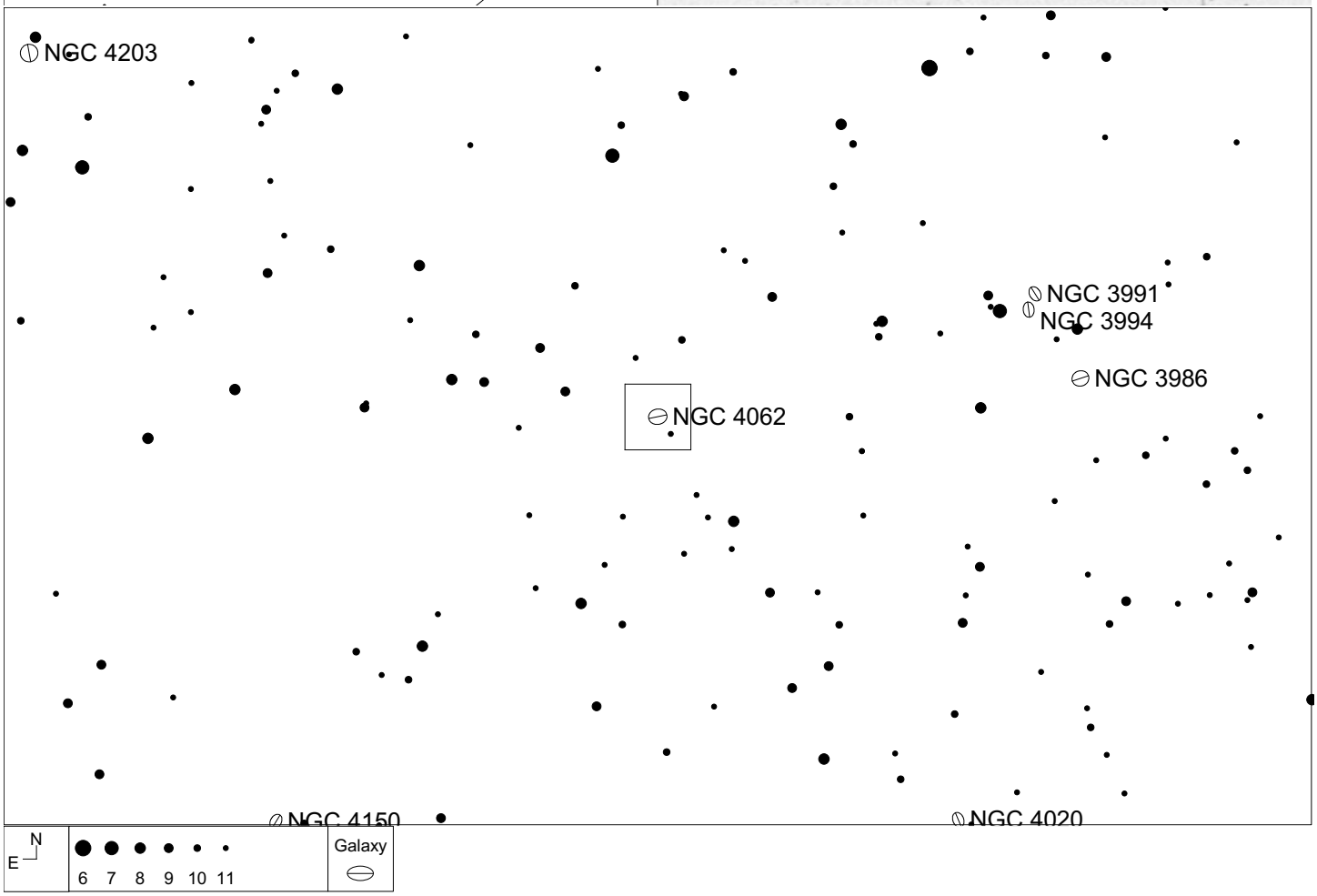


Herschel	RA	Dec	Mag	Size	Type
H II 784	11 36 47.9	+54 17 39	12.1b	4.2 x 2.2’	G SAB(rs)bc

NGC 4062 (Ursa Major)

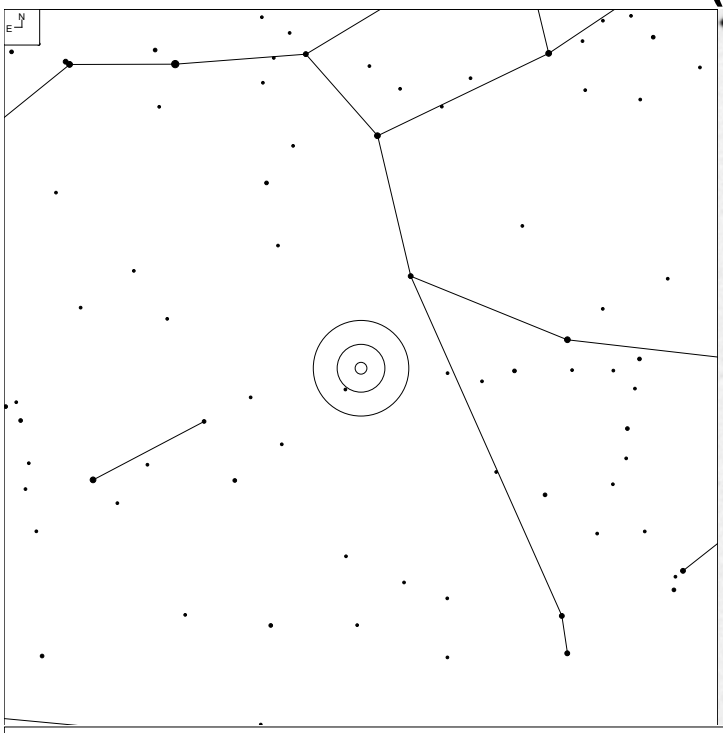


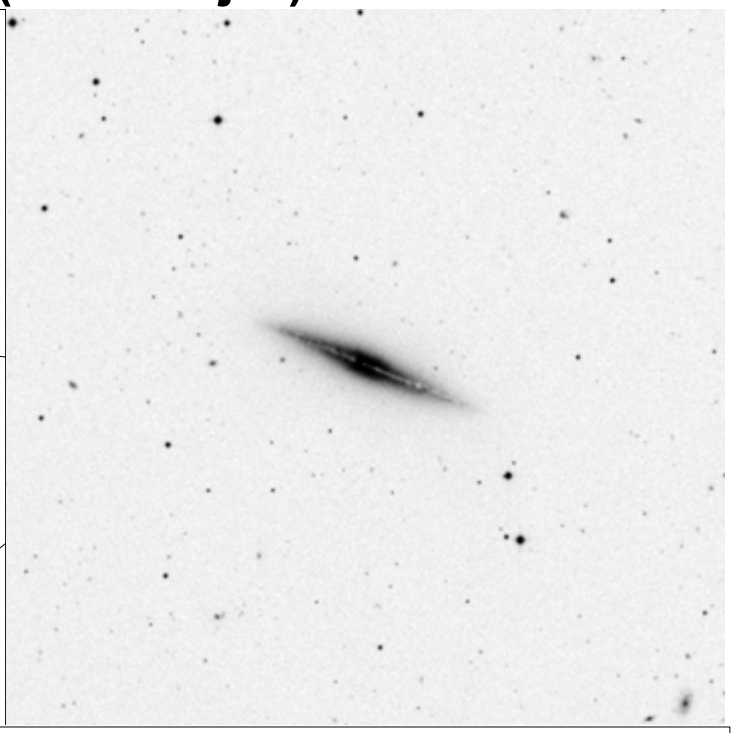


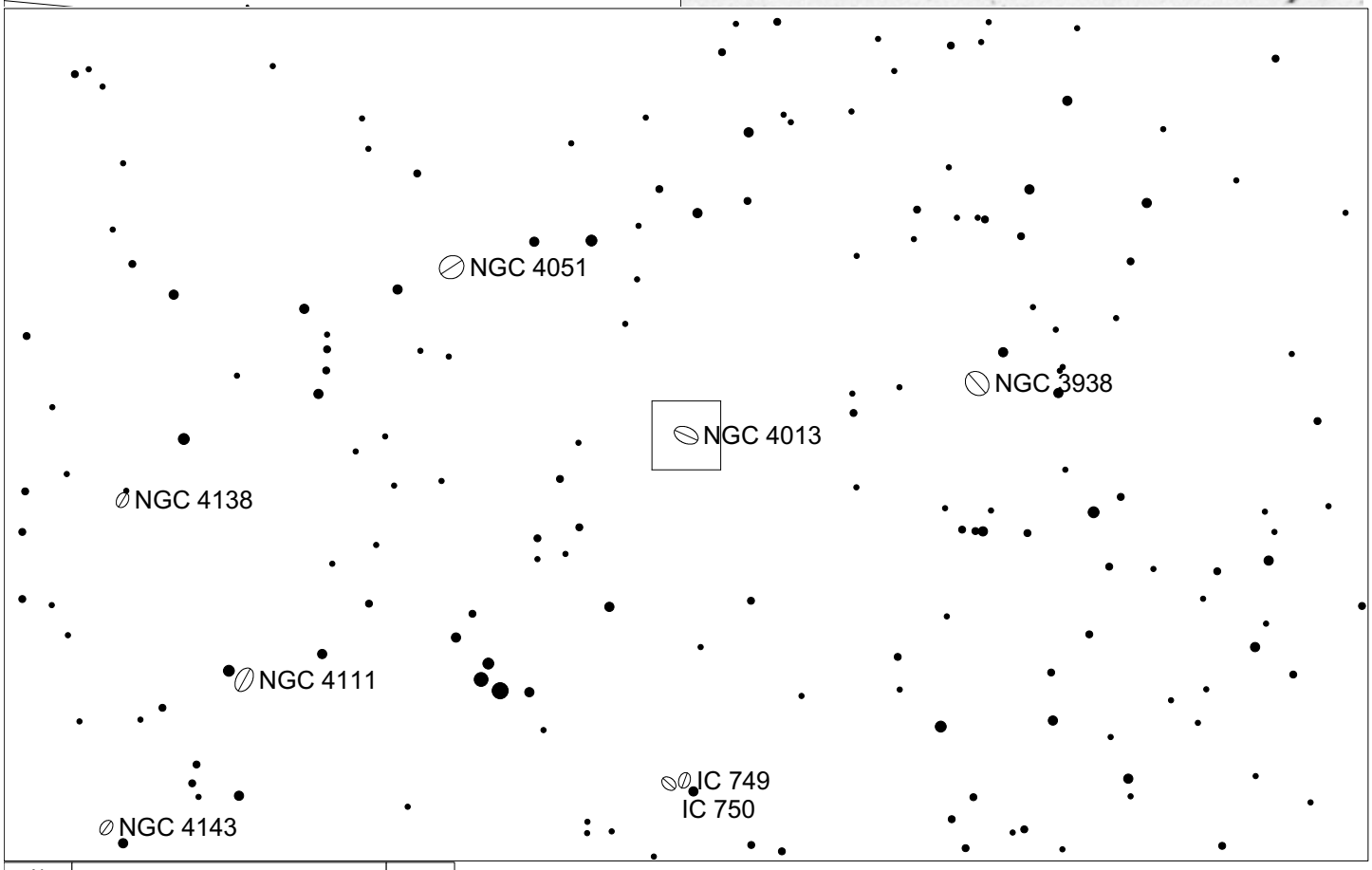


Herschel	RA	Dec	Mag	Size	Type
H I 174	12 04 03.8	+31 53 44	11.9b	4.0 x 1.7’	G SA(s)c

NGC 4013 (Ursa Major)

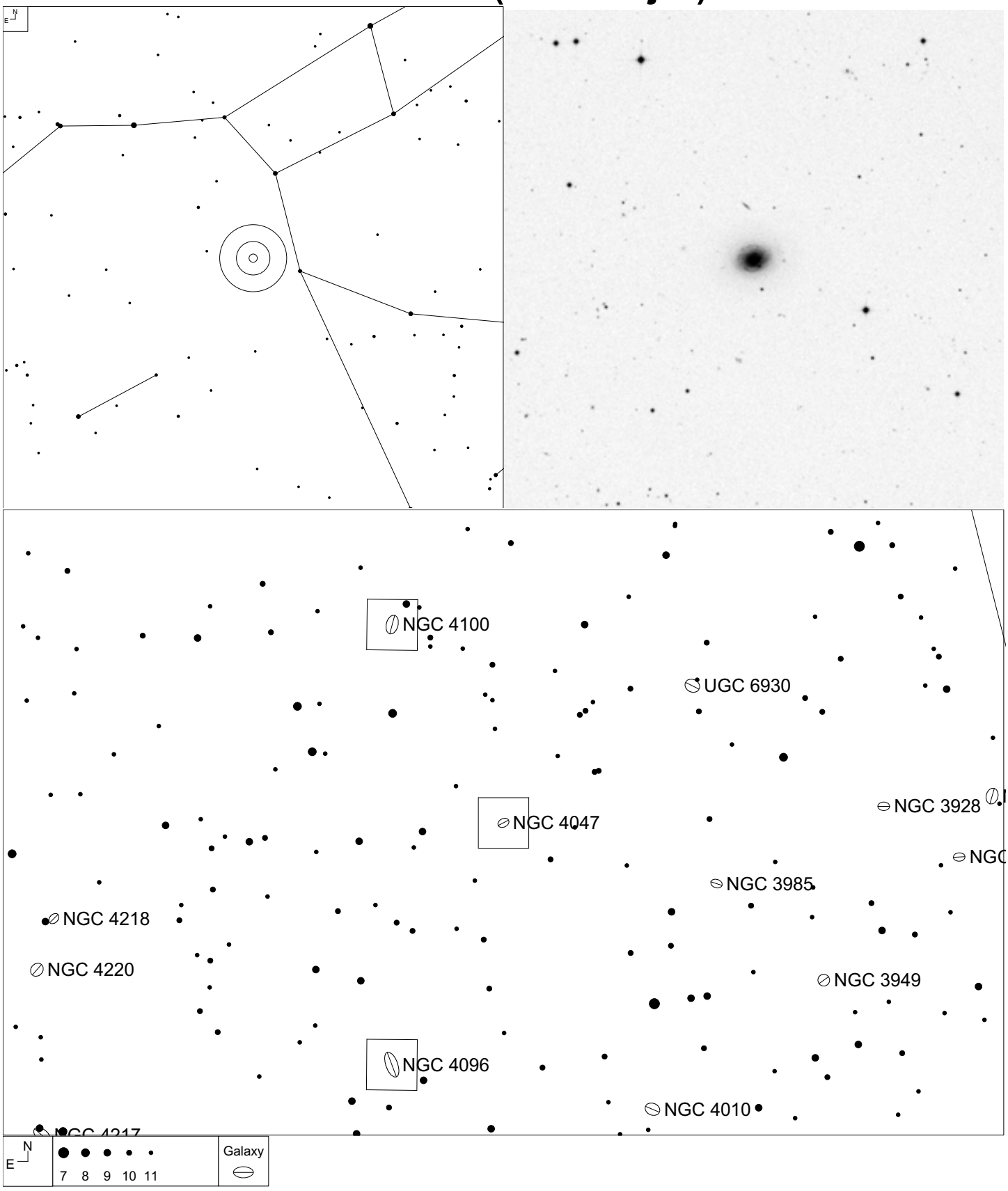






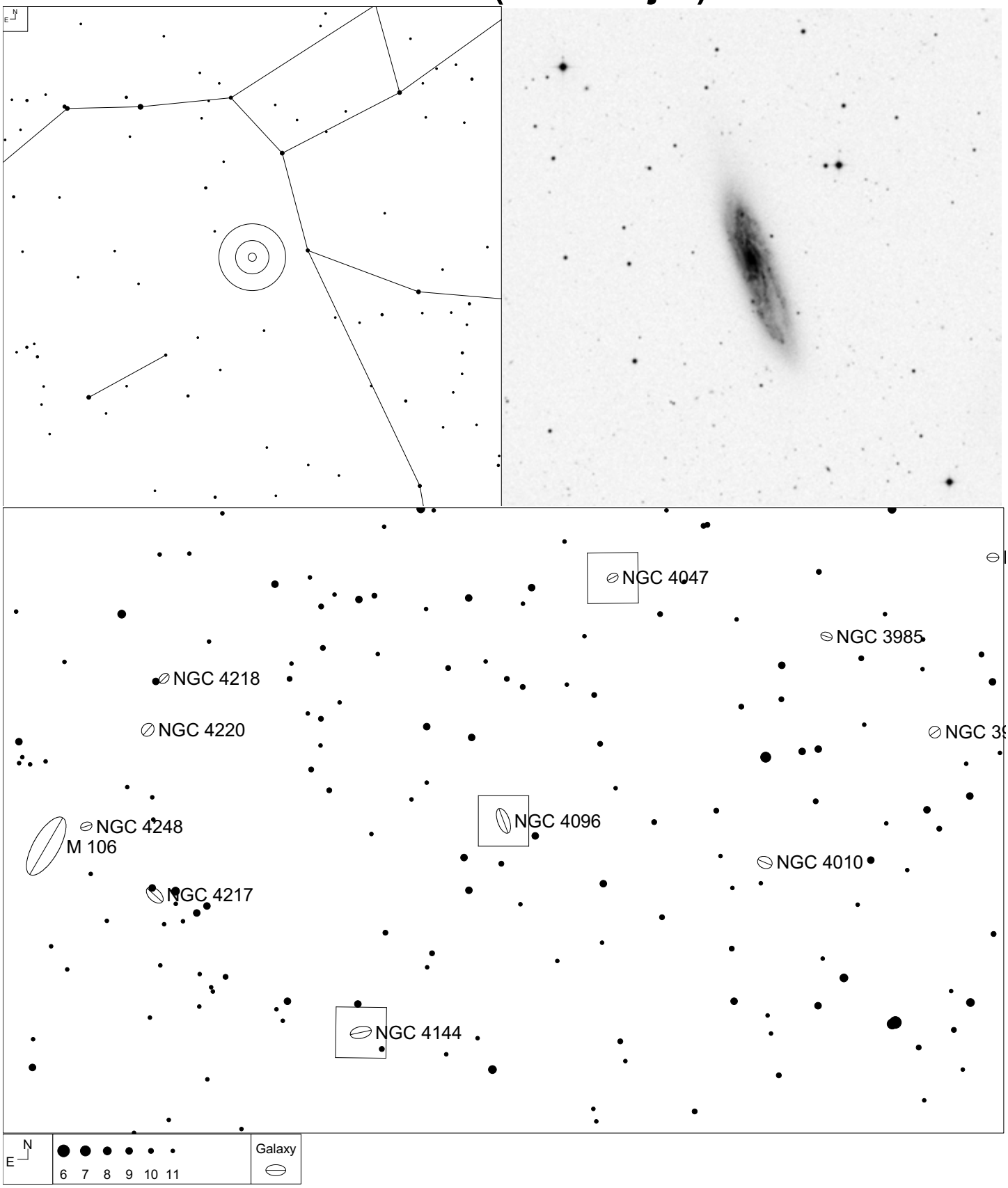
Herschel	RA	Dec	Mag	Size	Type
H II 733	11 58 31.7	+43 56 48	12.2b	5.2 x 1.3’	G Sb sp

NGC 4047 (Ursa Major)



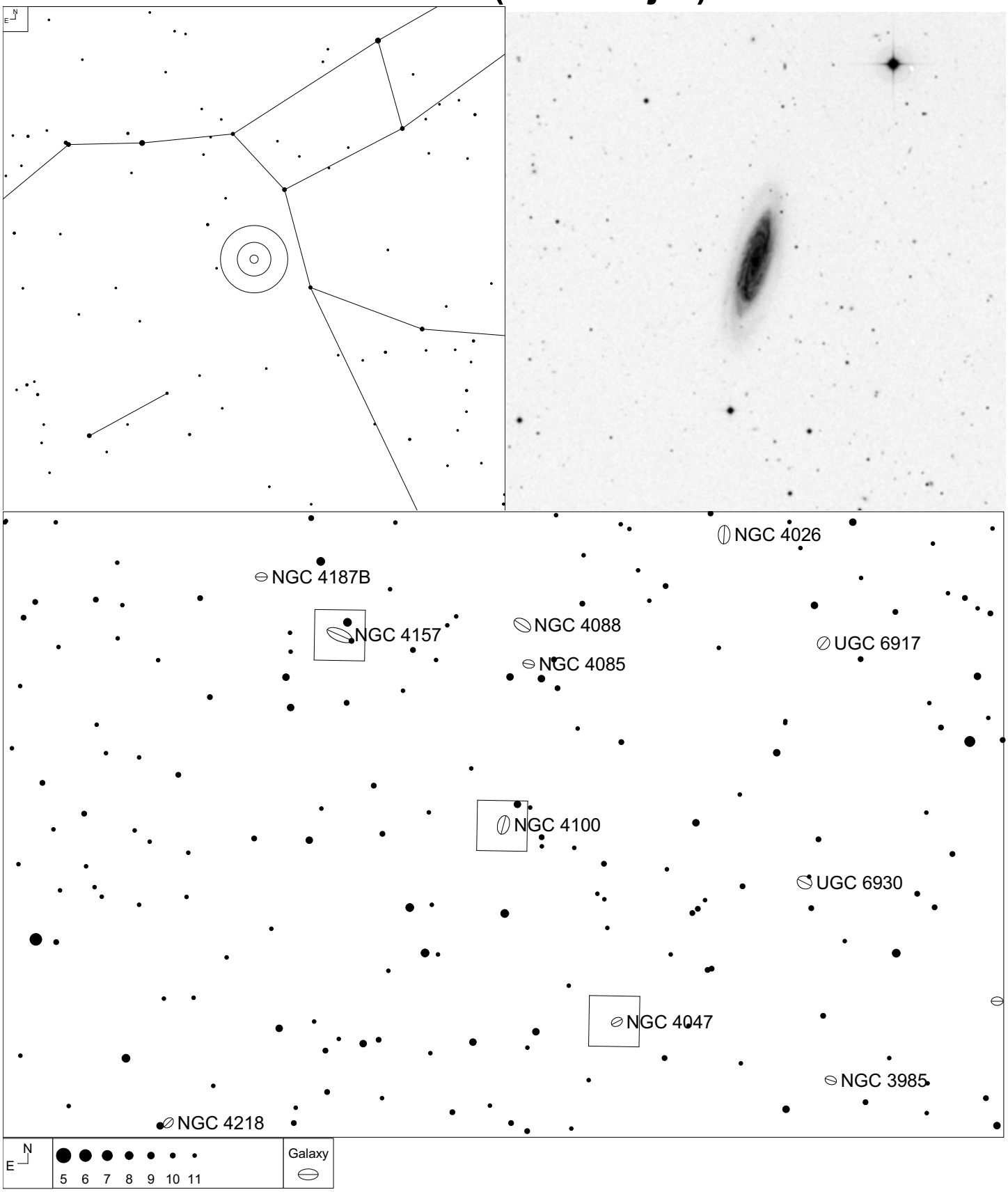
Herschel	RA	Dec	Mag	Size	Type
H II 741	12 02 50.6	+48 38 10	13.0p	1.8 x 1.6’	G (R)SA(rs)b:

NGC 4096 (Ursa Major)



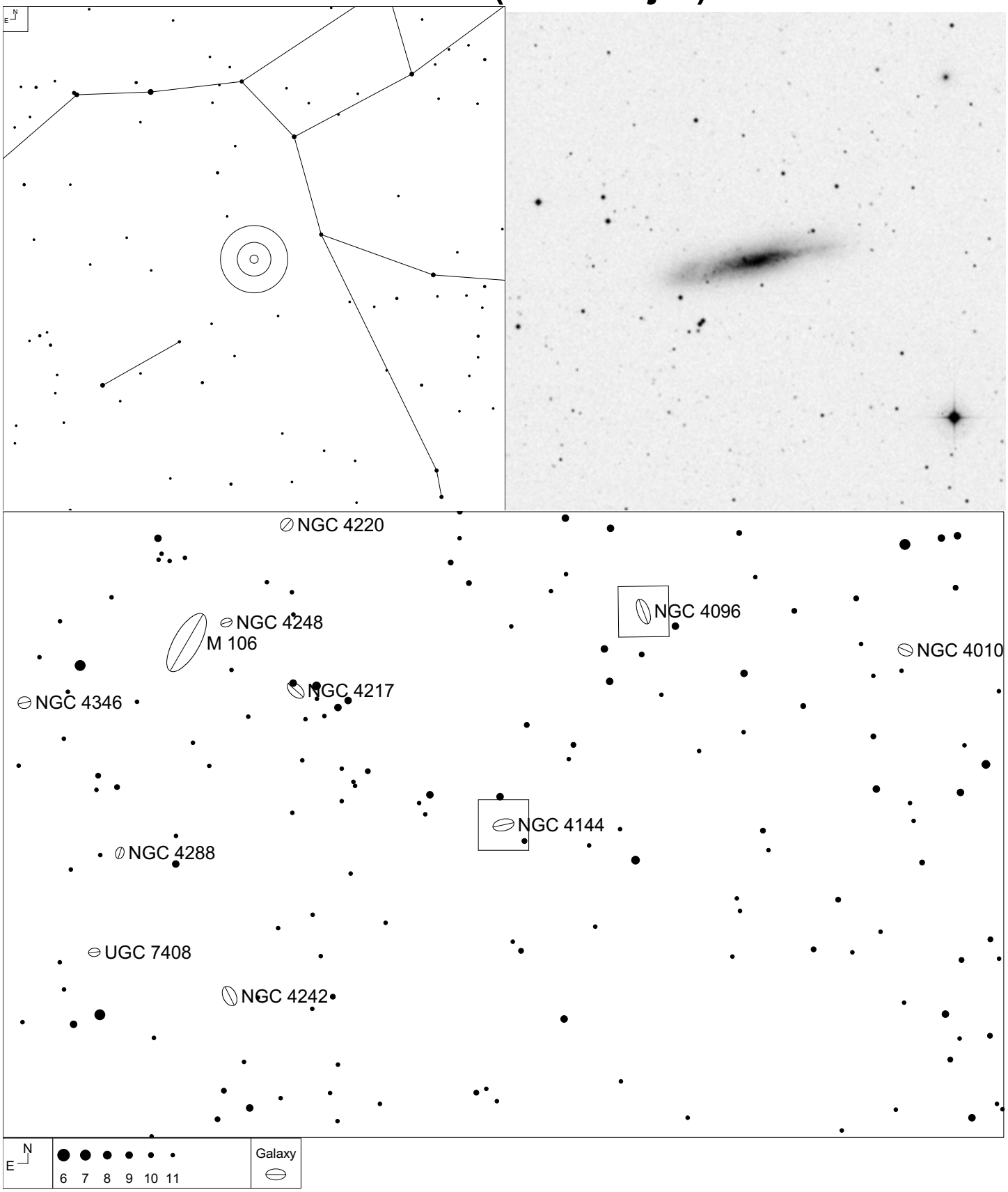
Herschel	RA	Dec	Mag	Size	Type
H I 207	12 06 01.0	+47 28 41	11.5b	7.4 x 1.7’	G SAB(rs)c

NGC 4100 (Ursa Major)



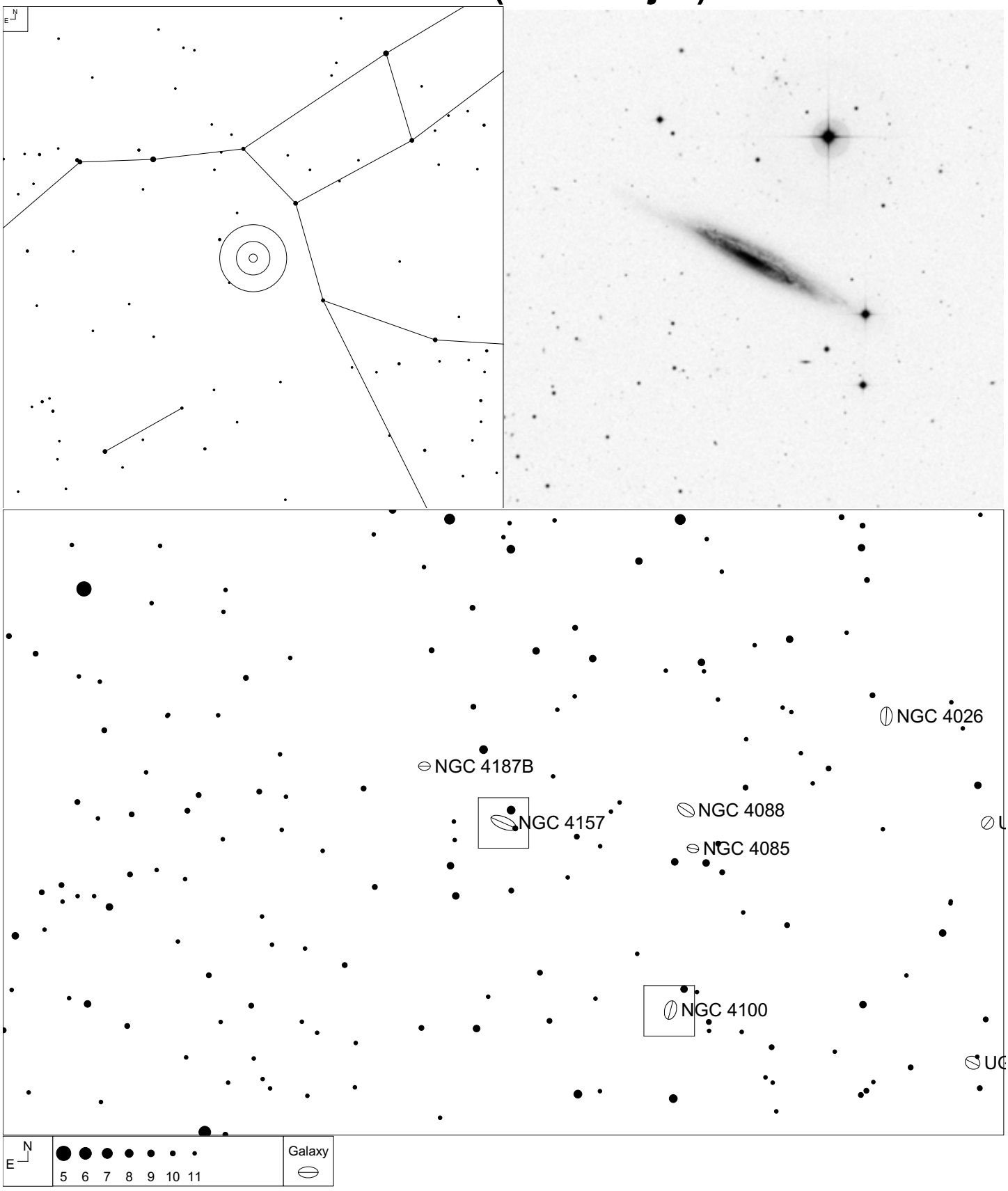
Herschel	RA	Dec	Mag	Size	Type
H III 717	12 06 08.4	+49 34 59	11.9b	5.4 x 20’	G (R’)SA(rs)bc

NGC 4144 (Ursa Major)



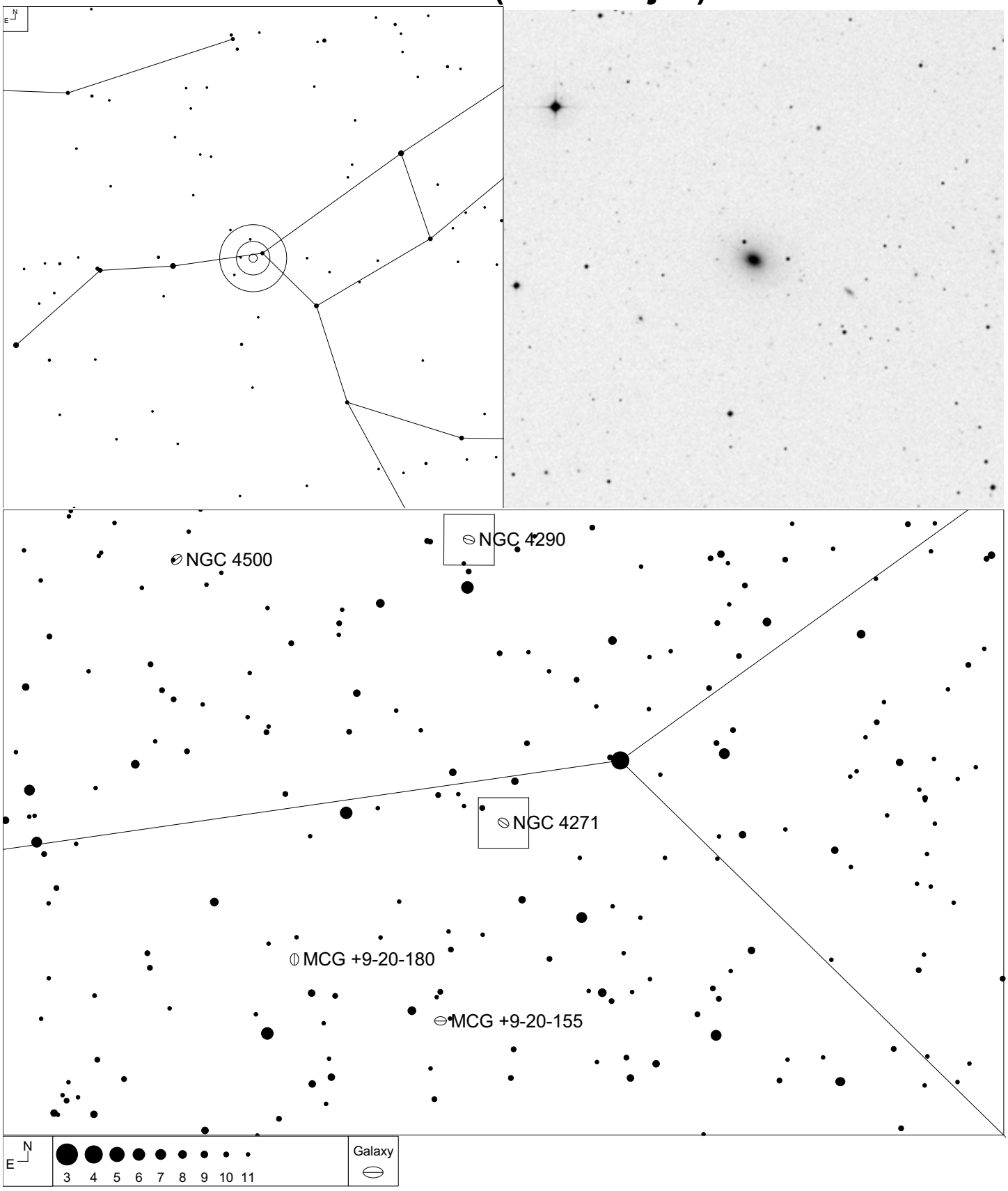
Herschel	RA	Dec	Mag	Size	Type
H II 747	12 09 58.5	+46 27 28	12.1b	6.1 x 1.3’	G SAB(s)cd? sp

NGC 4157 (Ursa Major)



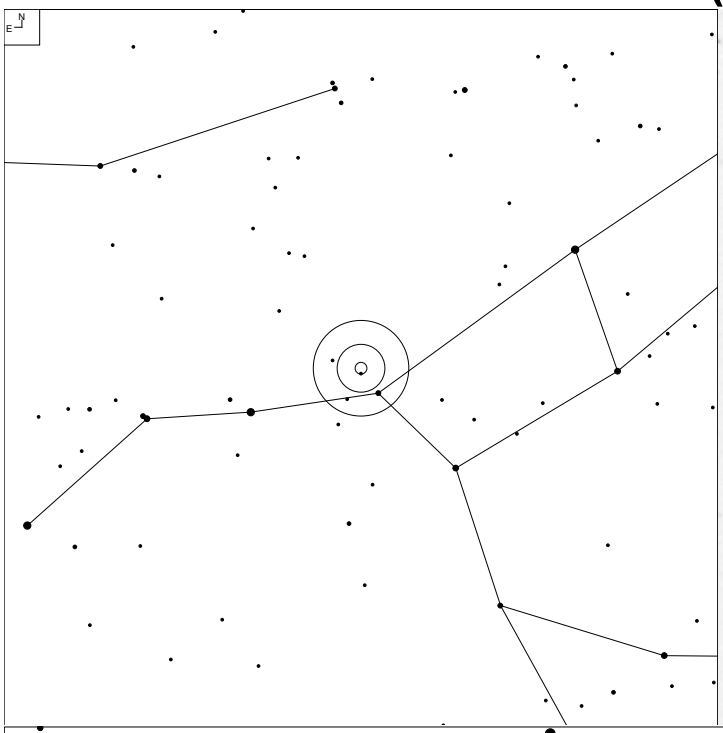
Herschel	RA	Dec	Mag	Size	Type
H I 208	12 11 04.9	+50 29 07	12.2b	7.7 x 1.3’	G SAB(s)b? sp

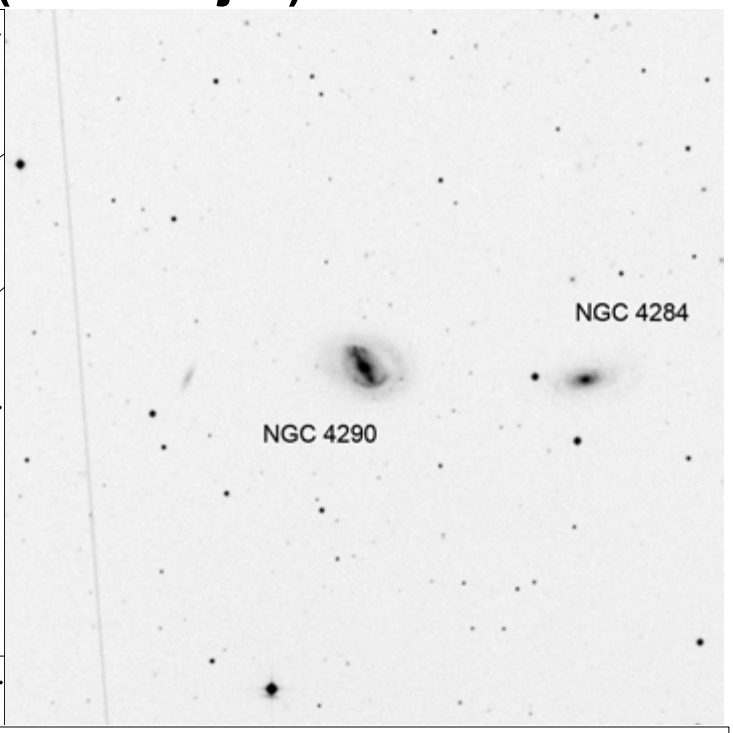
NGC 4271 (Ursa Major)

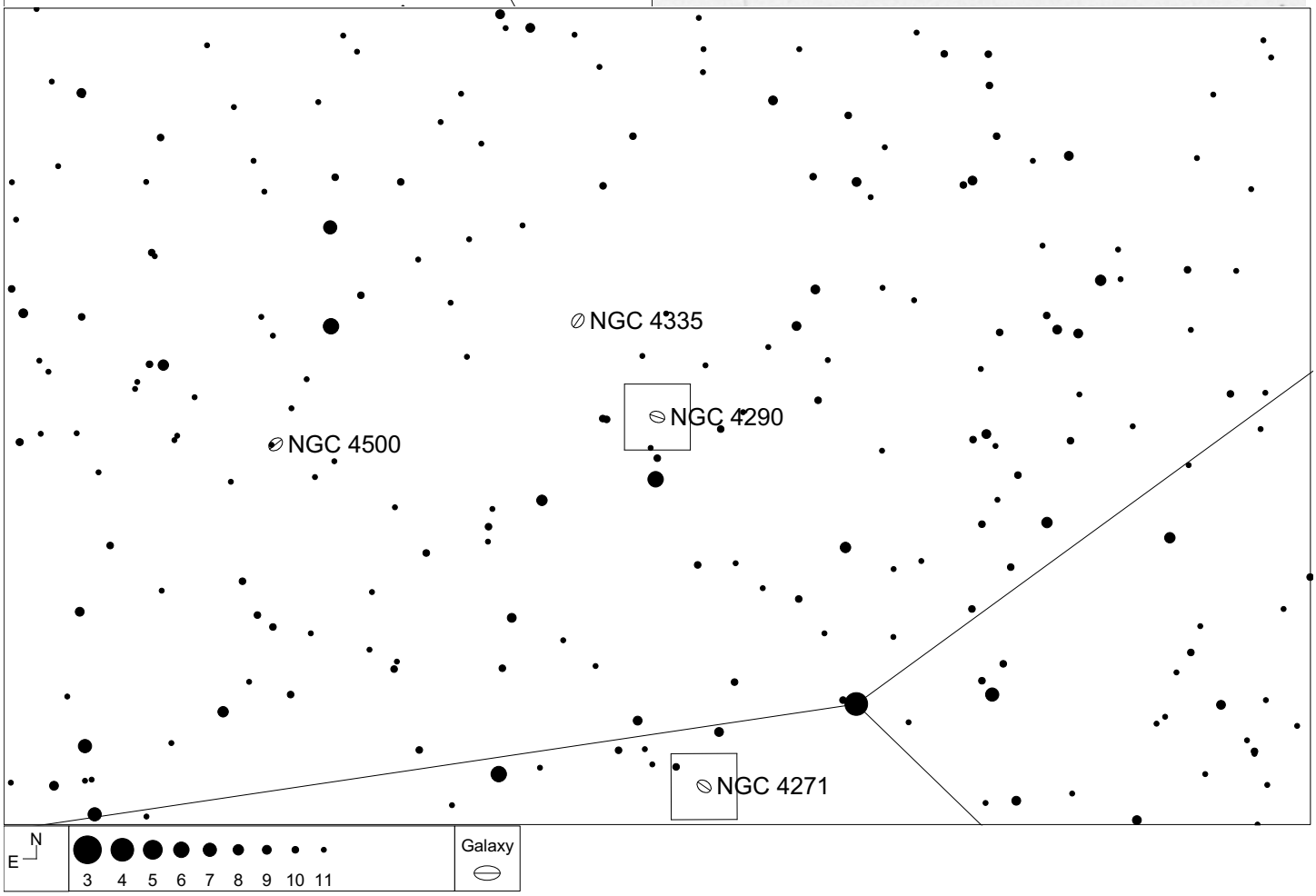


Herschel	RA	Dec	Mag	Size	Type
H II 804	12 19 32.7	+56 44 12	13.6p	1.5 x 1.2’	G S0-:

NGC 4290 (Ursa Major)

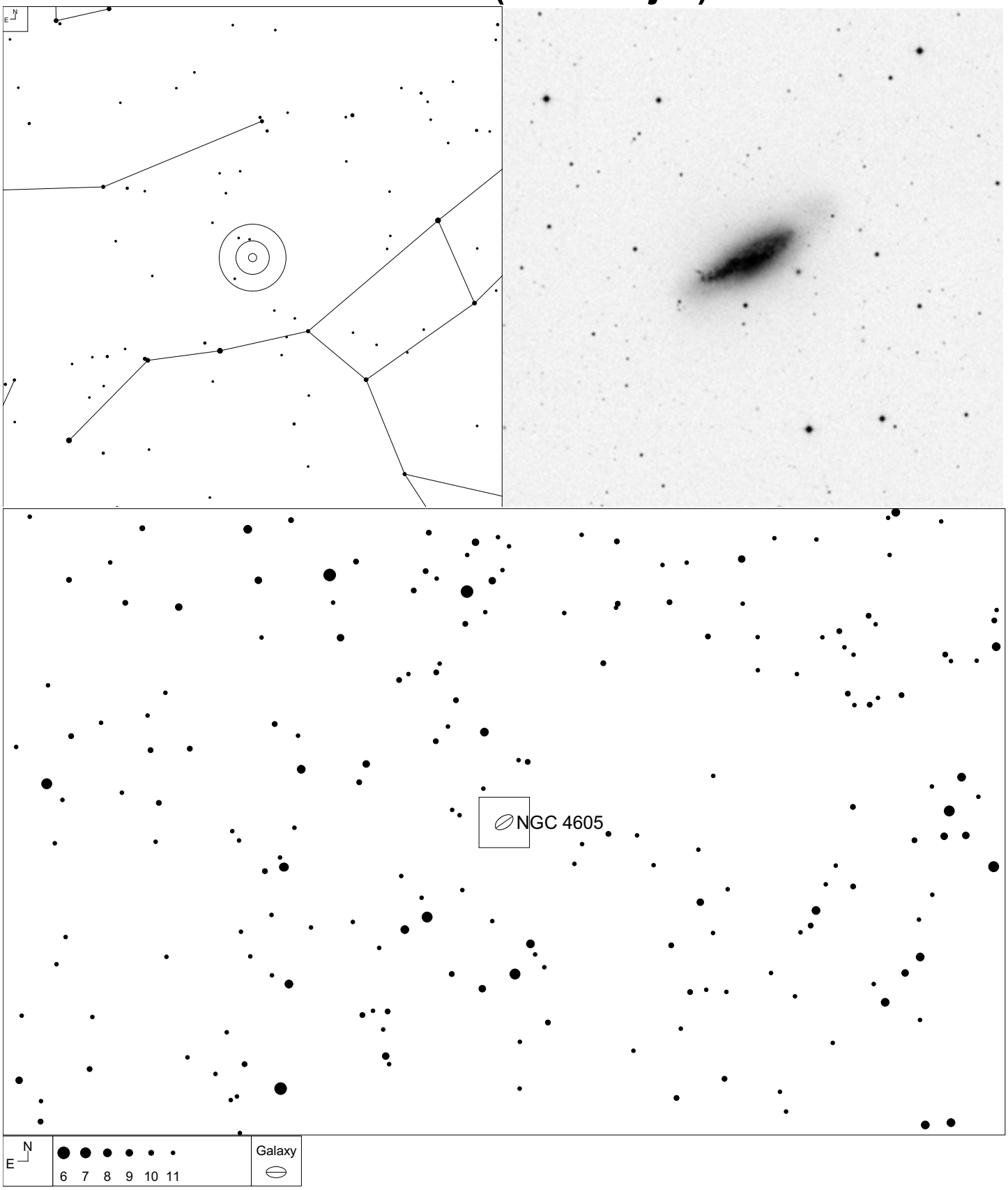






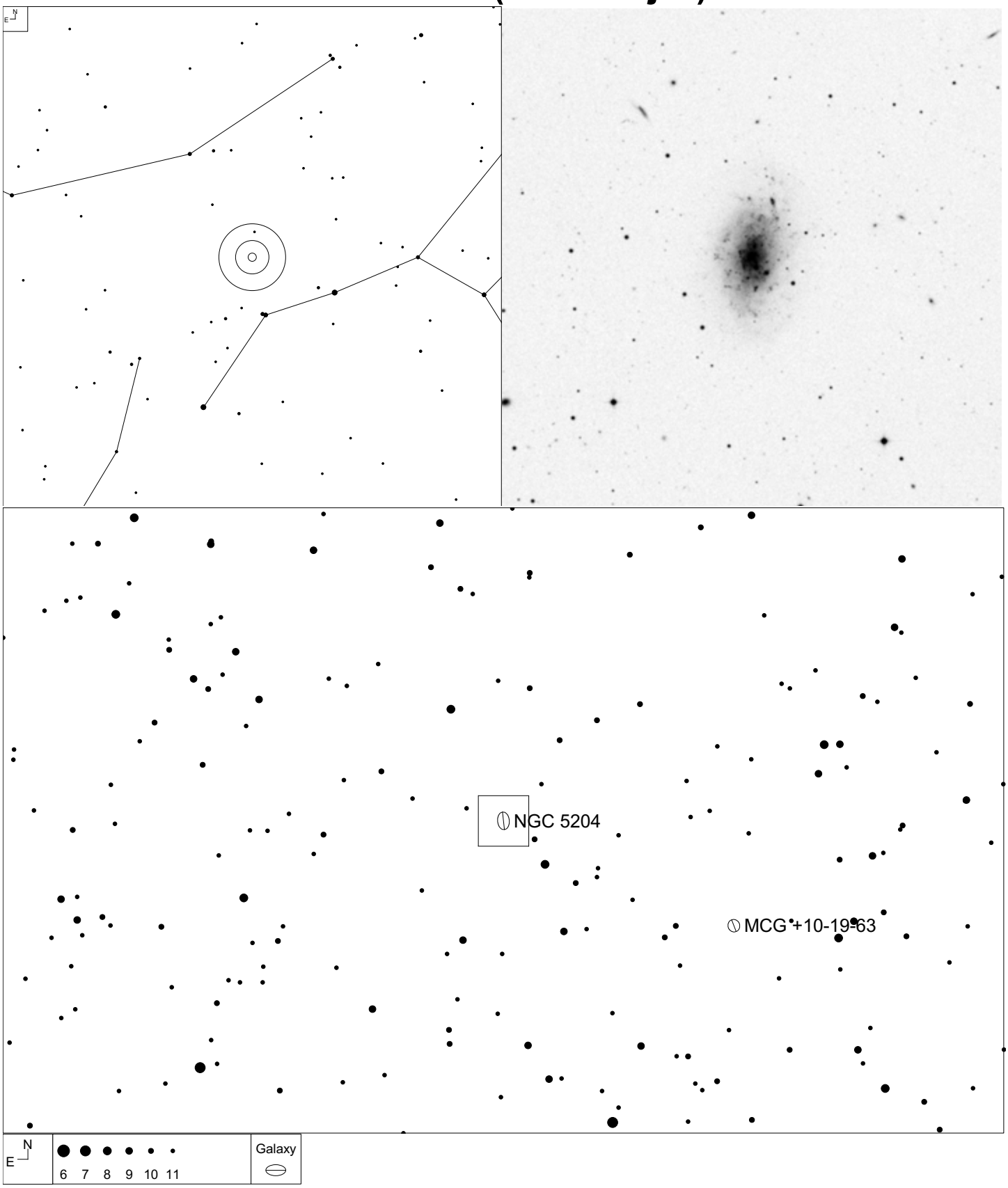
Herschel	RA	Dec	Mag	Size	Type
H II 805	12 20 47.5	+58 05 33	12.7p	2.3 x 1.5’	G SB(rs)ab:

NGC 4605 (Ursa Major)



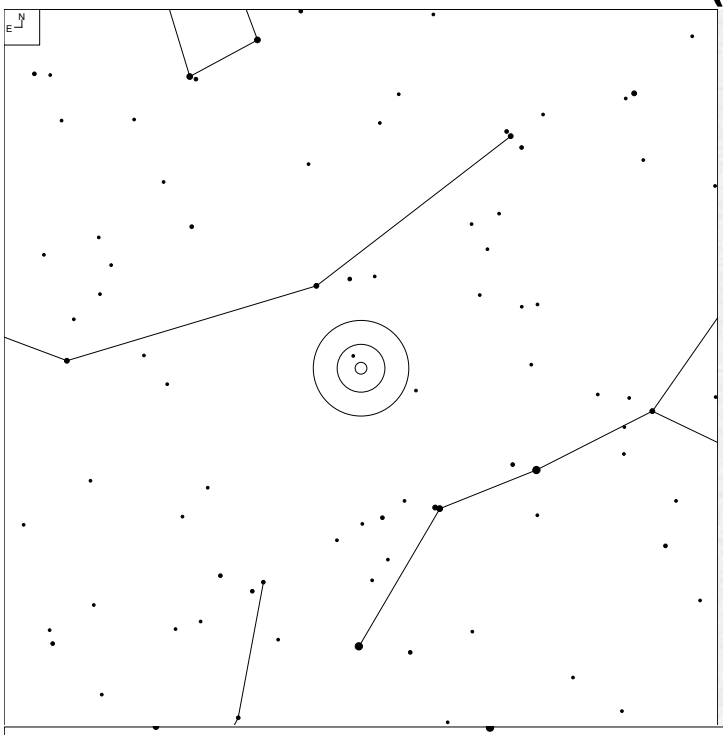
Herschel	RA	Dec	Mag	Size	Type
H I 254	12 39 59.4	+61 36 33	10.9b	5.7 x 2.1’	G SB(s)c pec

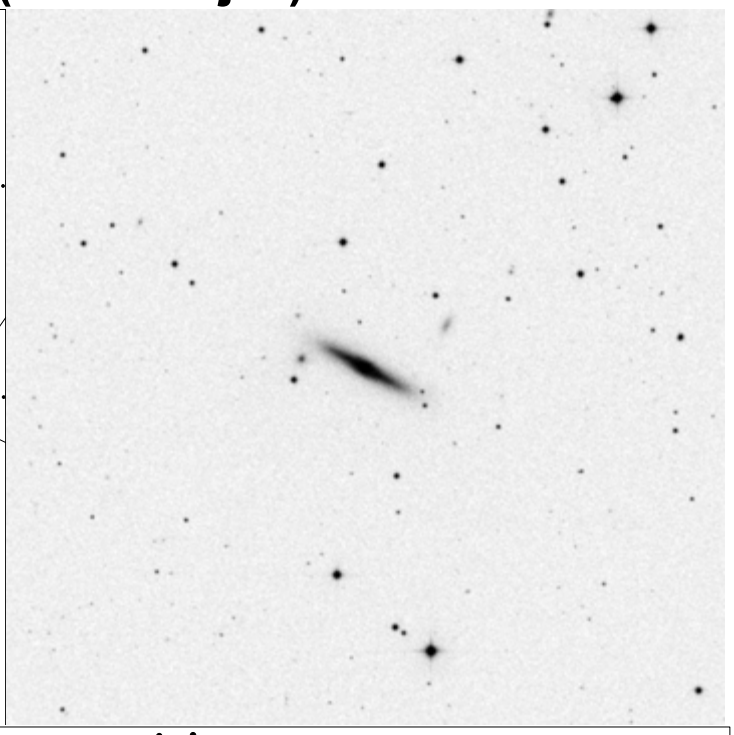
NGC 5204 (Ursa Major)

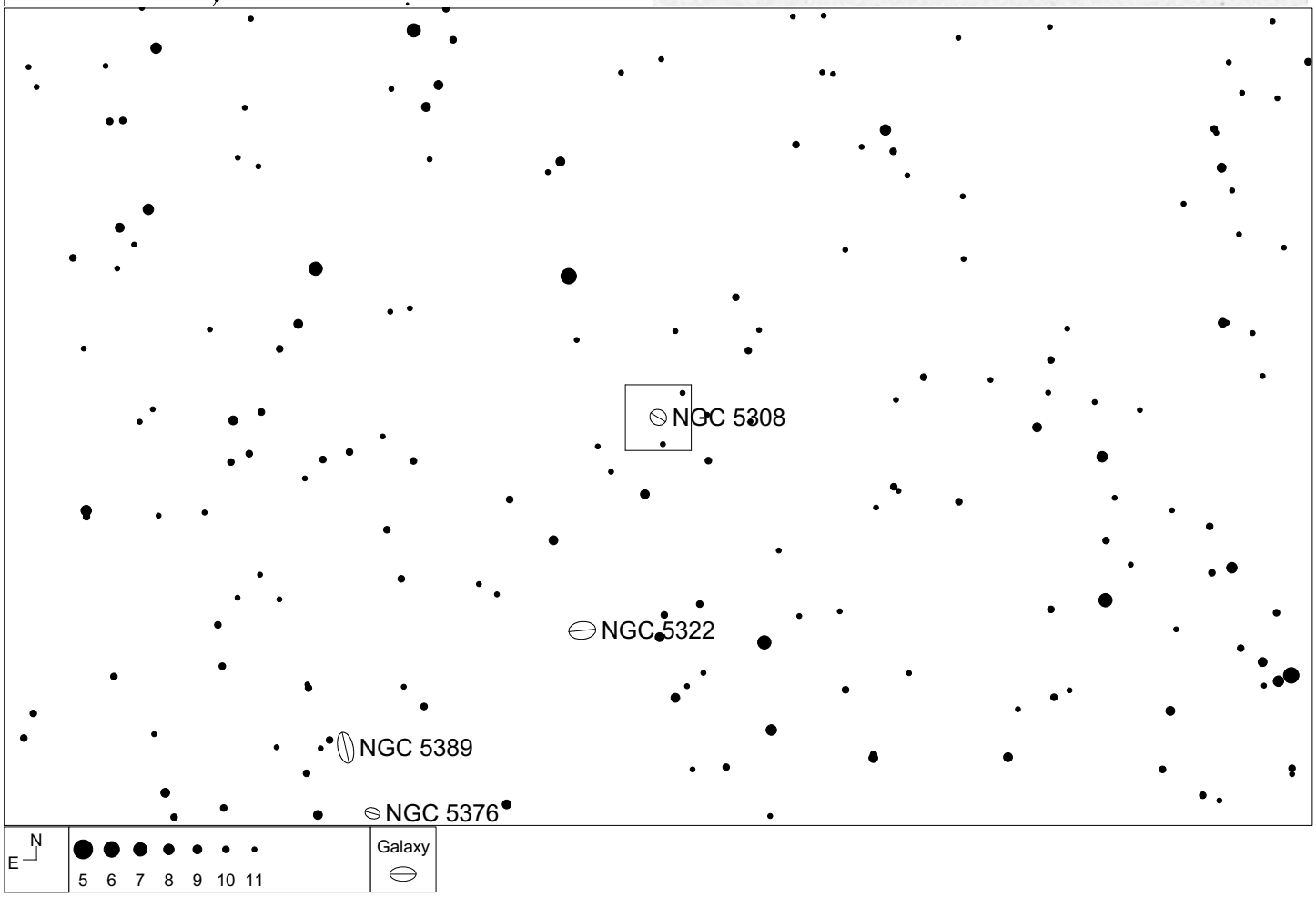


Herschel	RA	Dec	Mag	Size	Type
H IV 63	13 29 36.4	+58 25 09	11.7b	5.0 x 3.0’	G SA(s)m

NGC 5308 (Ursa Major)

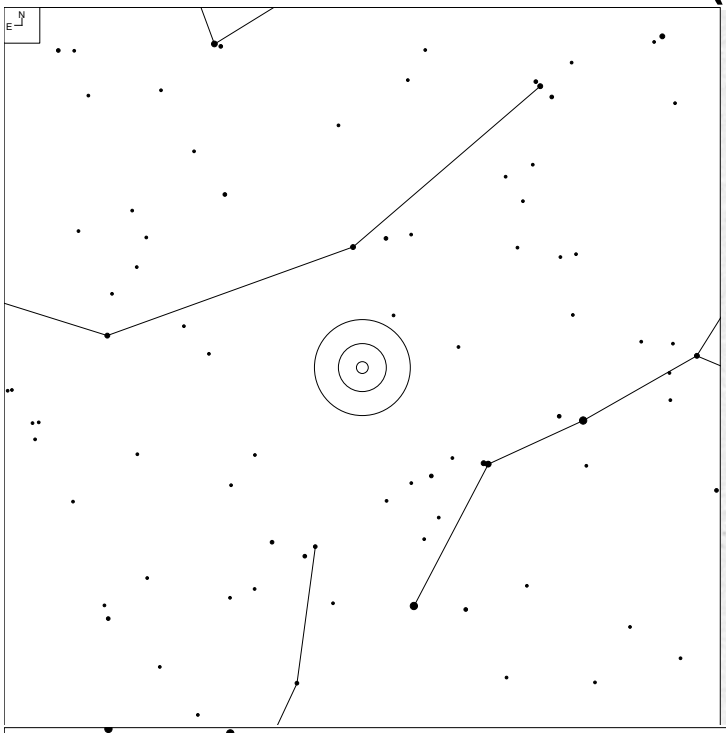


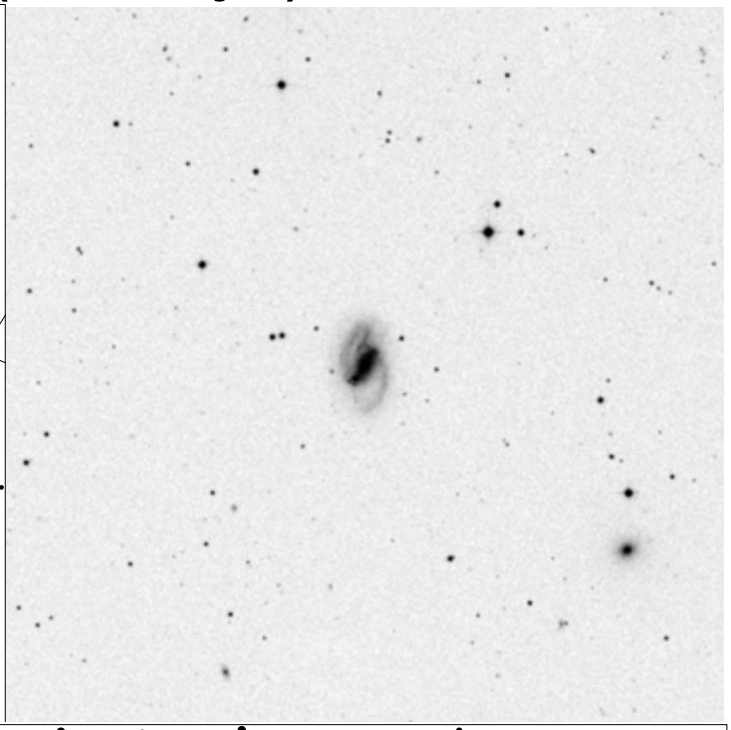


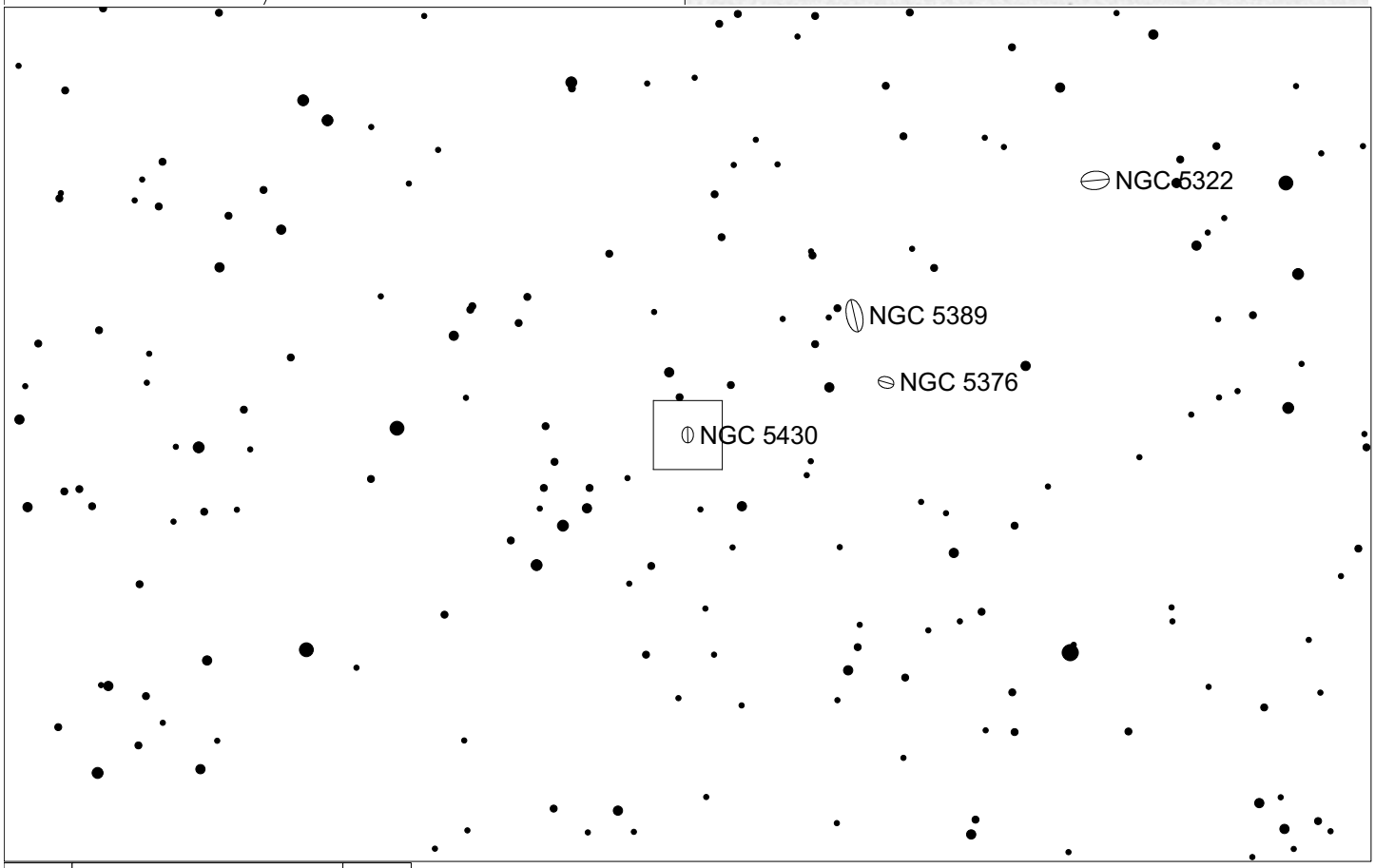


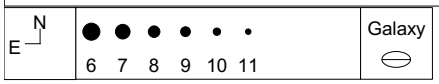
Herschel	RA	Dec	Mag	Size	Type
H I 255	13 47 00.4	+60 58 23	12.3b	3.7 x 0.6’	G S0- sp

NGC 5430 (Ursa Major)



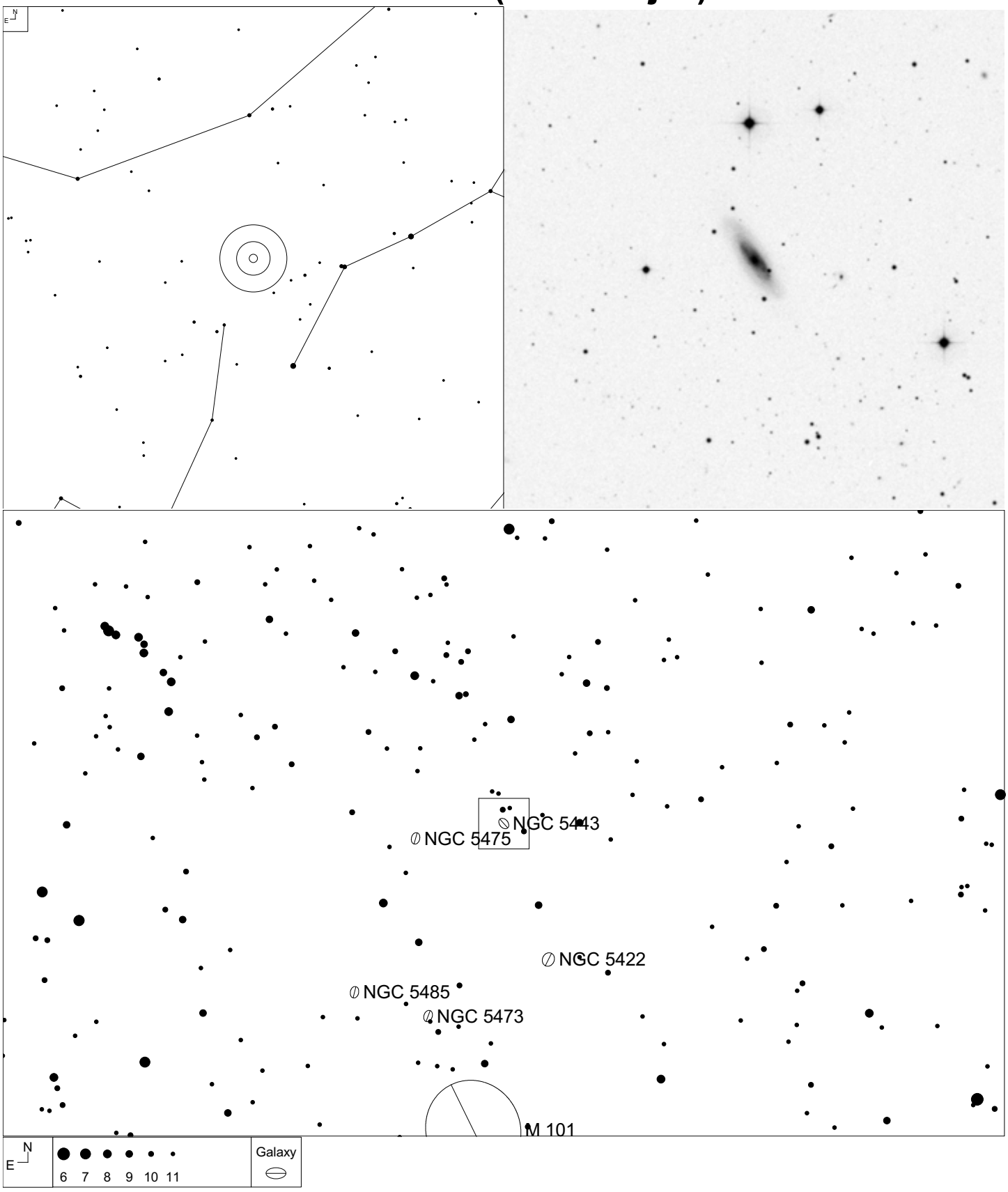






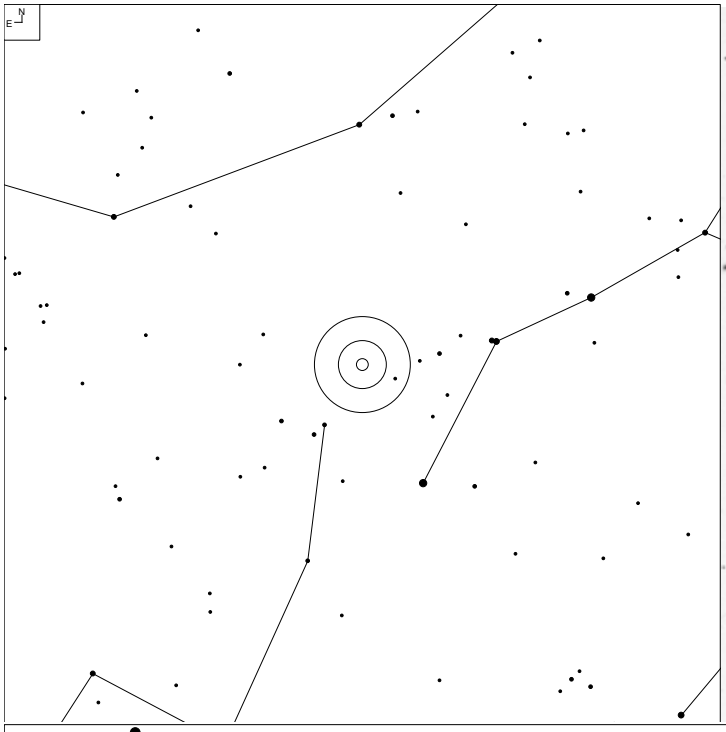
Herschel	RA	Dec	Mag	Size	Type
H II 827	14 00 46.0	+59 19 45	12.7p	2.2 x 1.1’	G SB(s)b

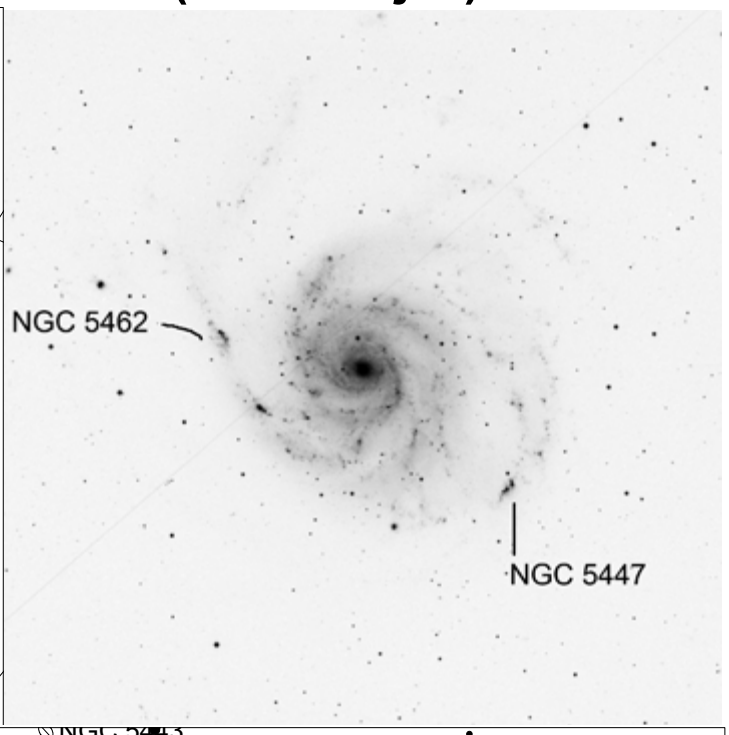
NGC 5443 (Ursa Major)

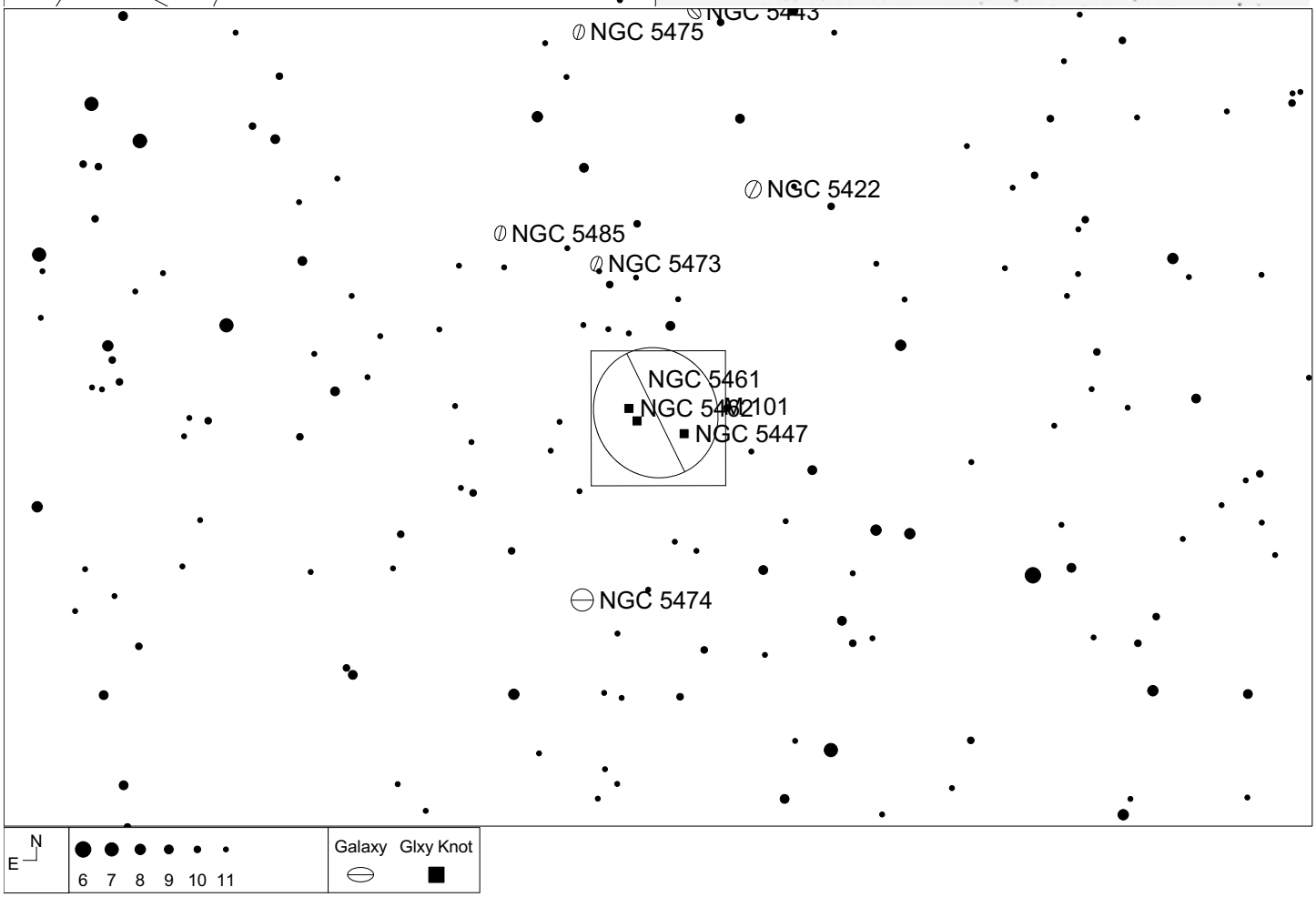


Herschel	RA	Dec	Mag	Size	Type
H II 799	14 02 11.7	+55 48 49	13.1p	3.2 x 1.2’	G Sdm?

NGC 5447 and NGC 5462 (Ursa Major)

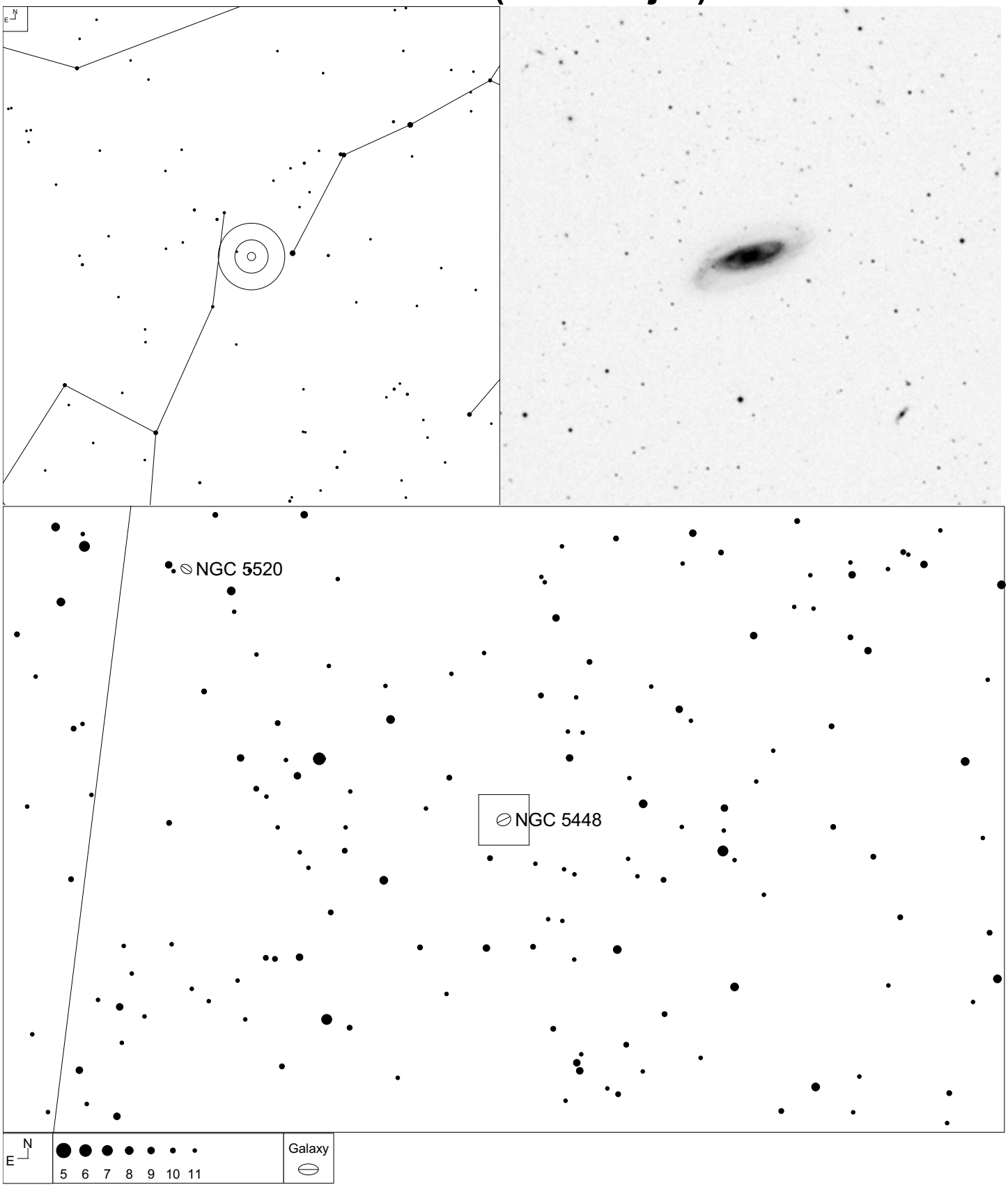






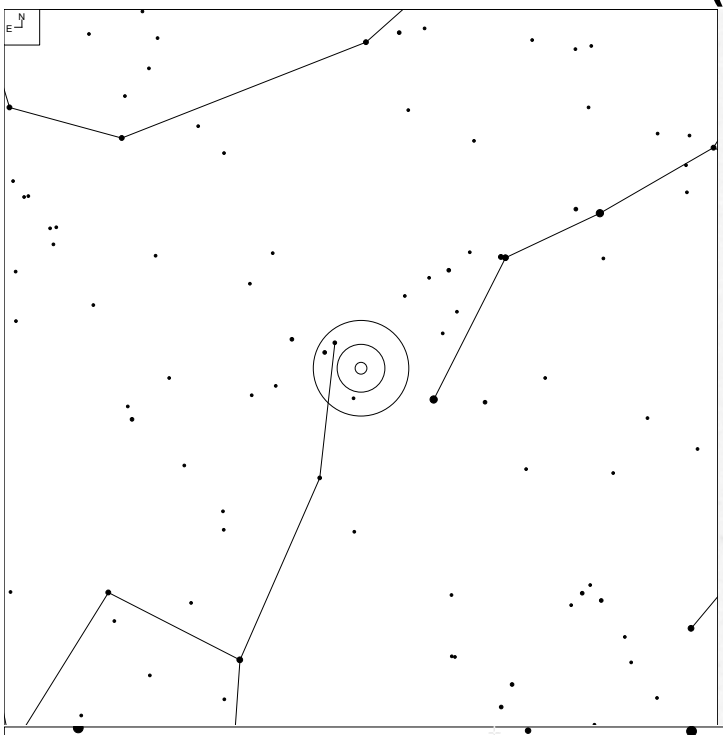
Herschel	RA	Dec	Mag	Size	Type
H III 787	14 02 27.9	+54 16 34	-	1.0 x 0.5’	KNT
H III 789	14 03 52.9	+54 21 53	-	1.7 x 0.8’	KNT

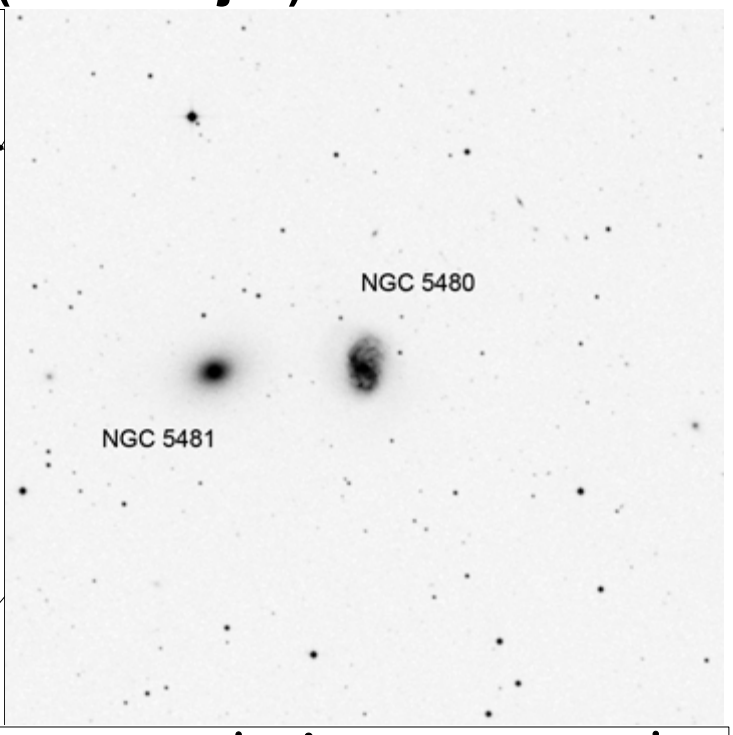
NGC 5448 (Ursa Major)

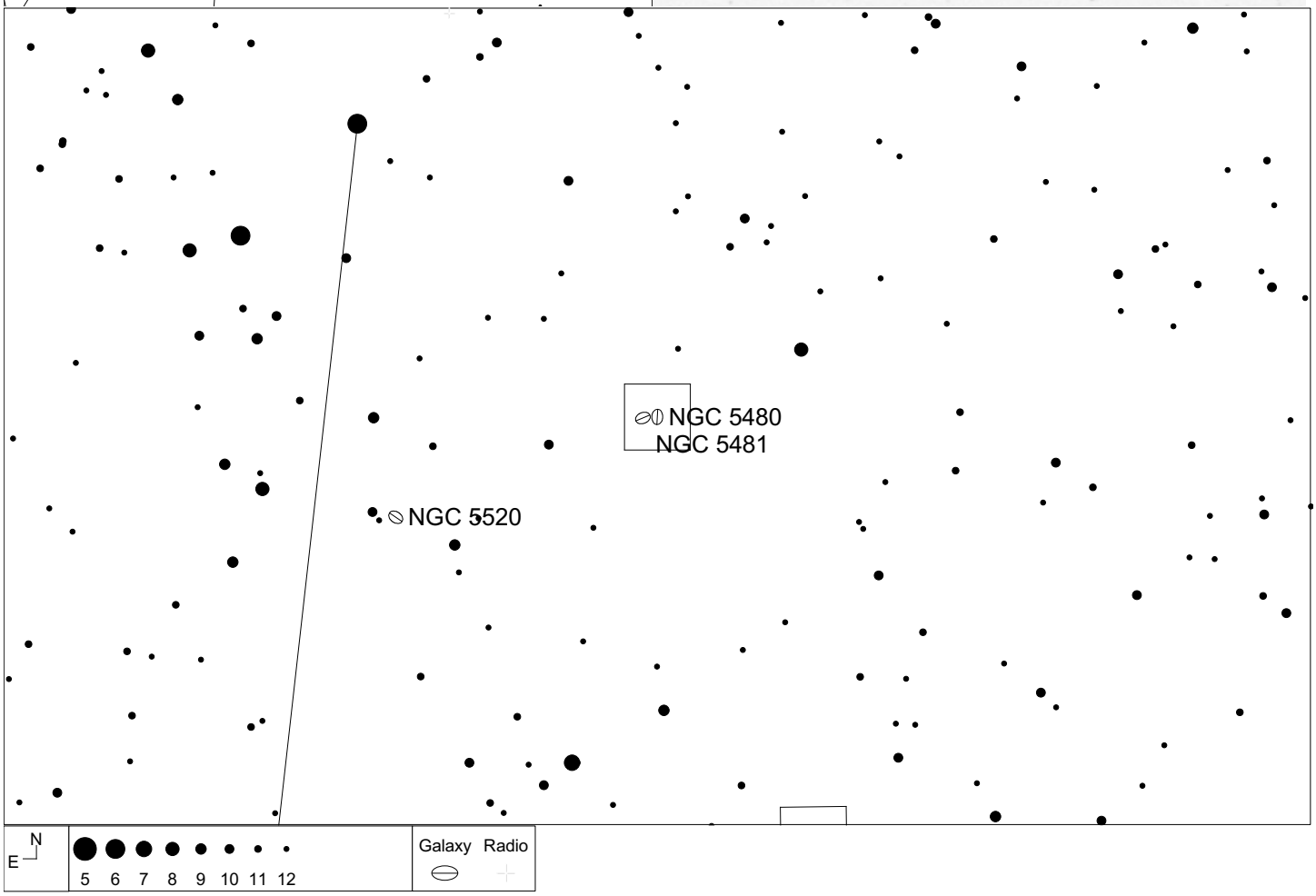


Herschel	RA	Dec	Mag	Size	Type
H II 691	14 02 50.3	+49 10 21	11.9b	4.0 x 1.7’	G (R)SAB(r)a

NGC 5480 (Ursa Major)

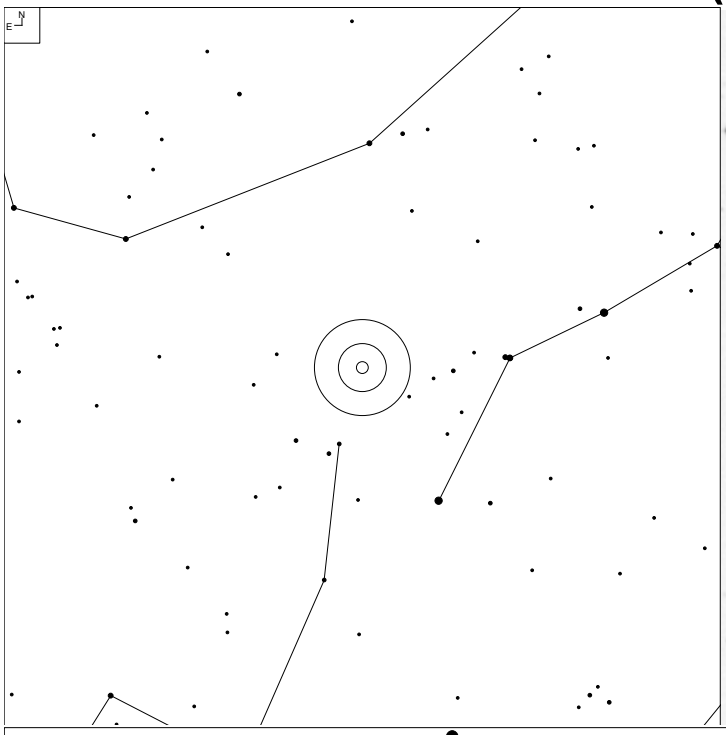


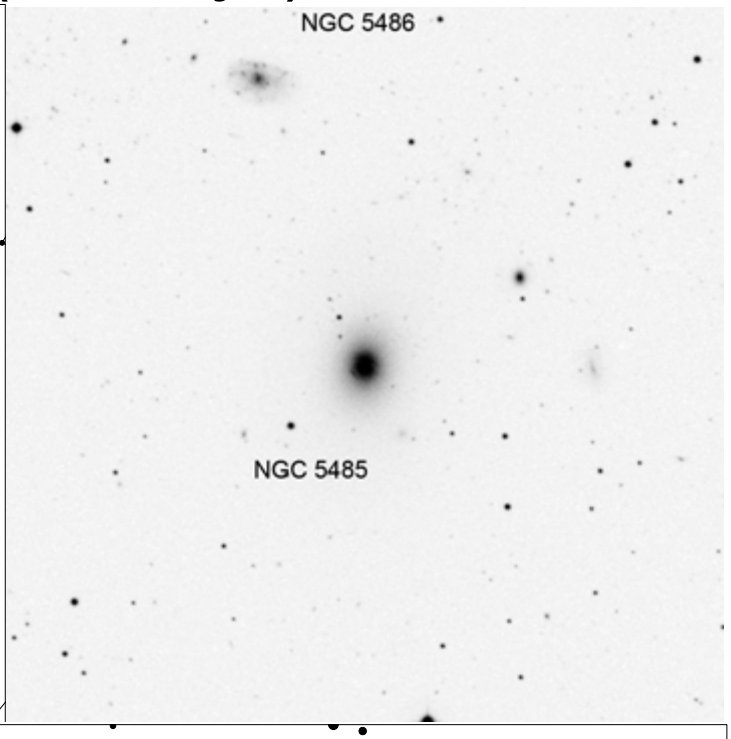


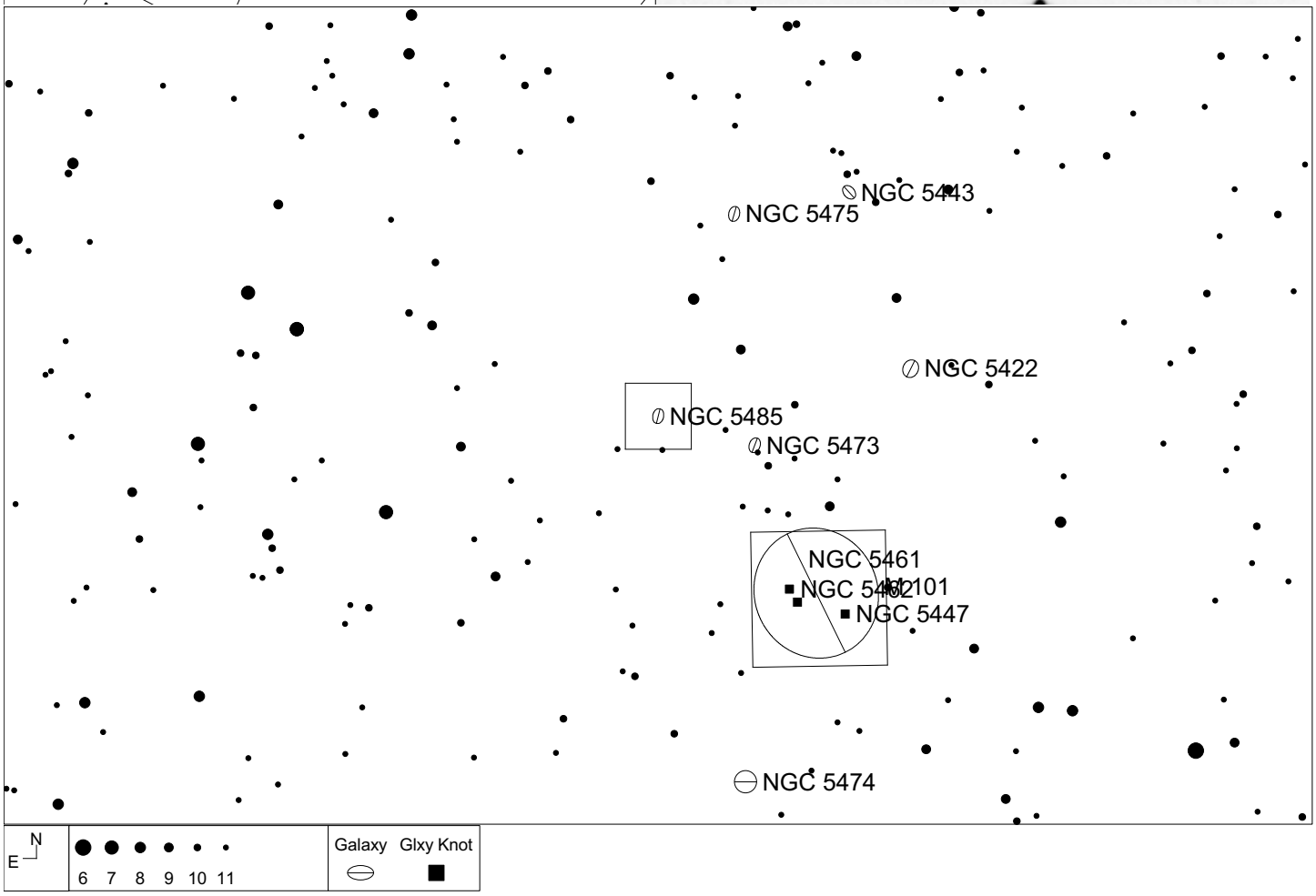


Herschel	RA	Dec	Mag	Size	Type
H II 692	14 06 21.8	+50 43 29	12.8p	2.1 x 1.6’	G SA(s)c:

NGC 5485 (Ursa Major)

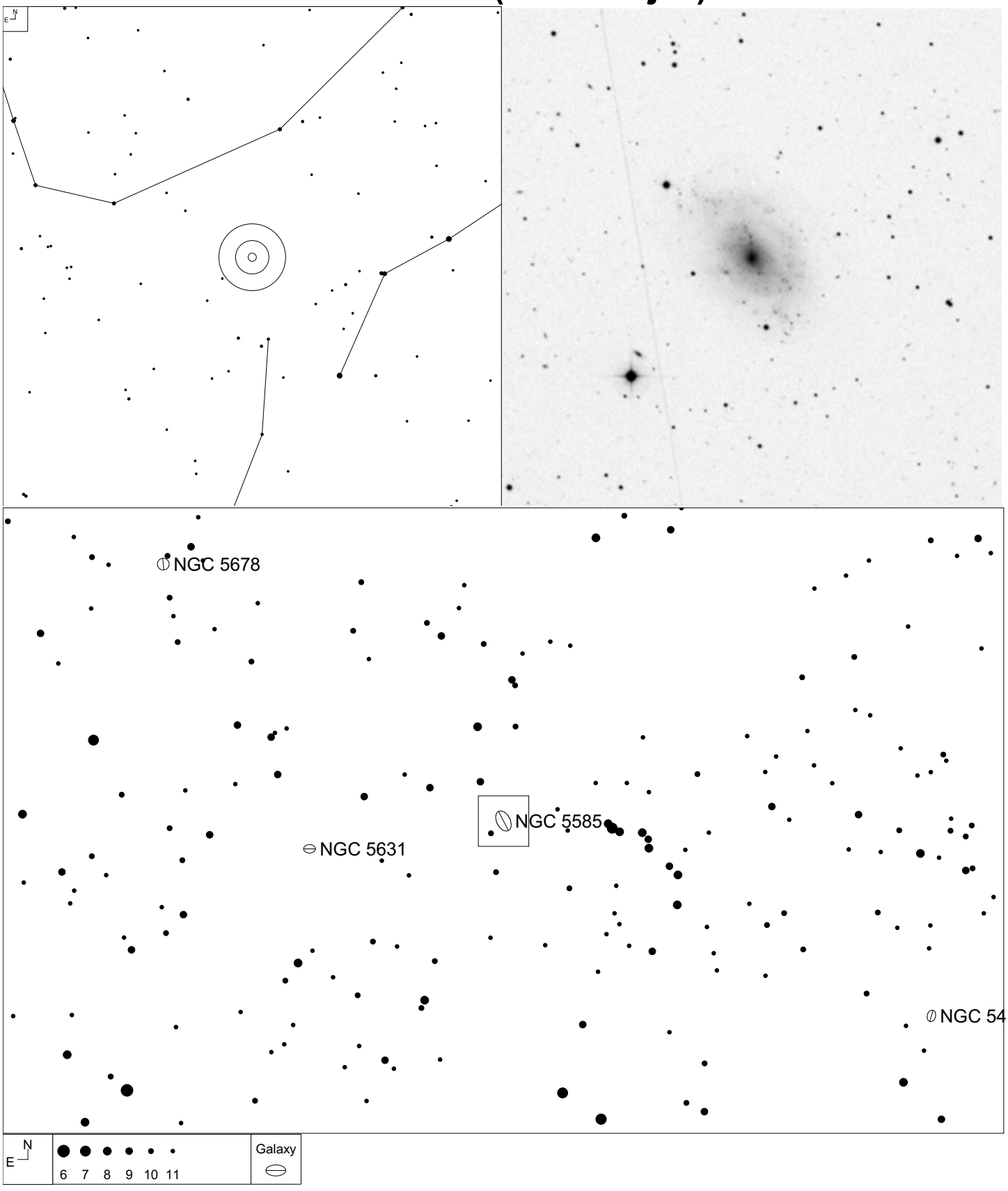






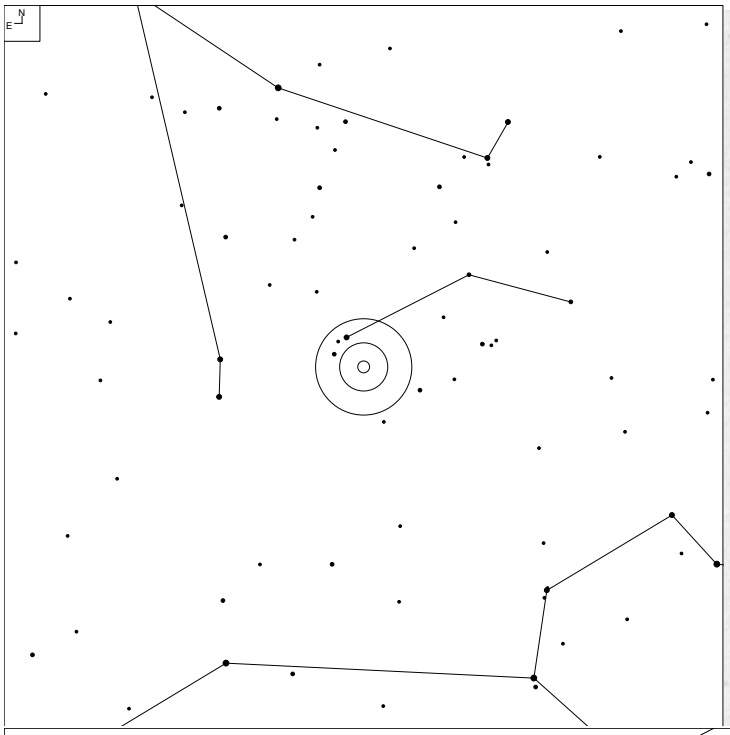
Herschel	RA	Dec	Mag	Size	Type
H I 232	14 07 11.4	+55 00 07	12.8	2.4 x 1.8’	G SA0 pec

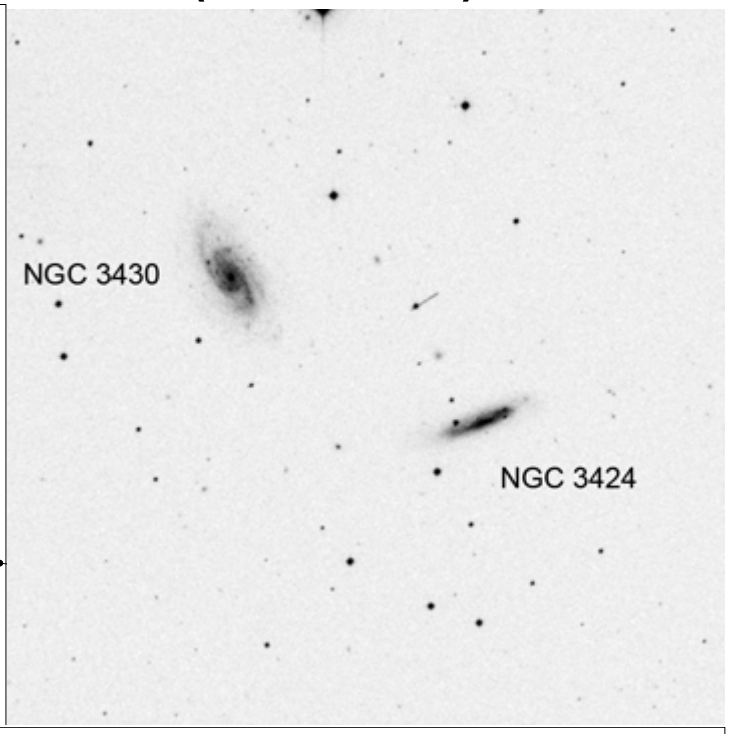
NGC 5585 (Ursa Major)

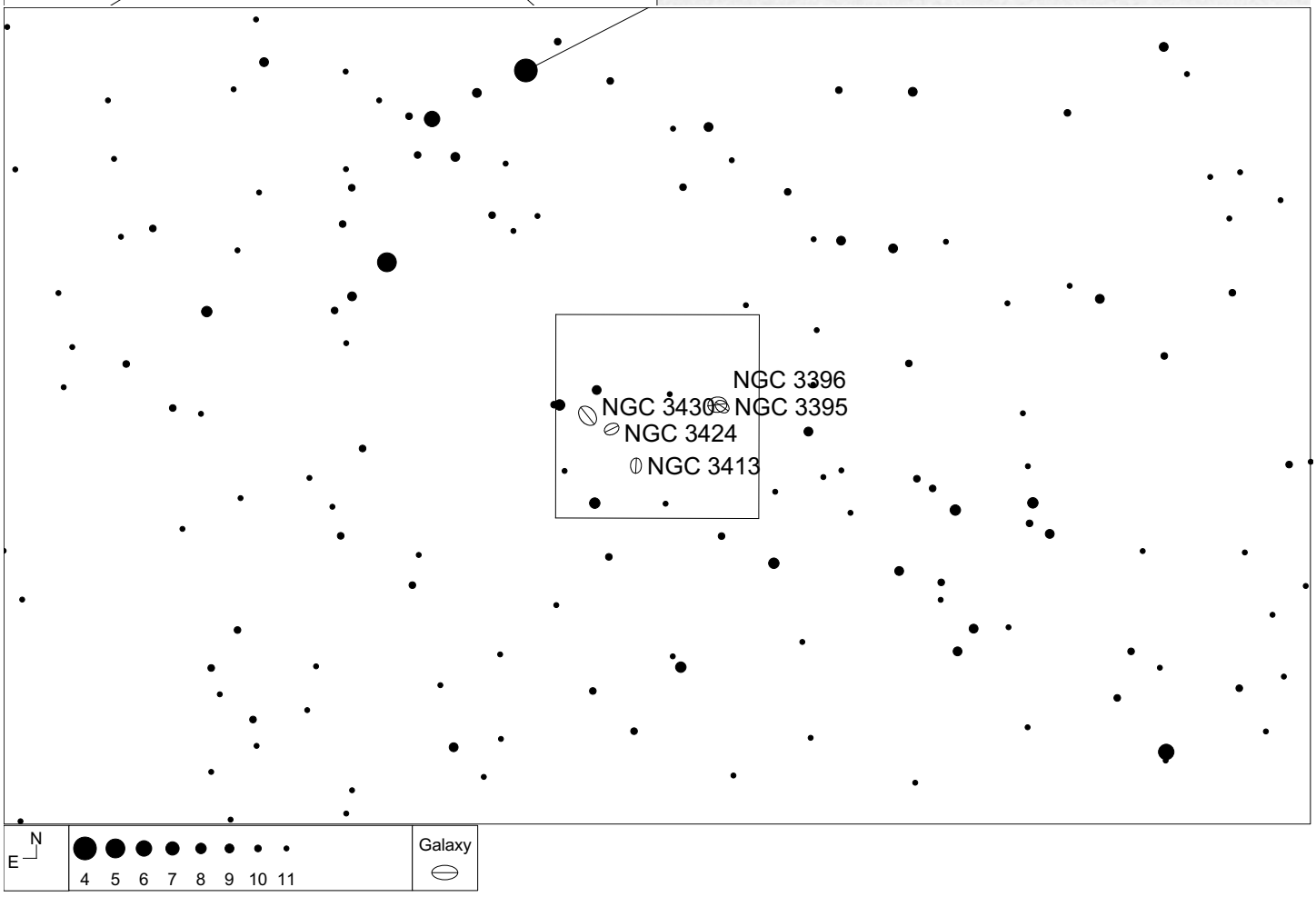


Herschel	RA	Dec	Mag	Size	Type
H I 235	14 19 48.3	+56 43 45	11.2b	6.1 x 3.8’	G SAB(s)d

NGC 3424 and NGC 3430 (Leo Minor)

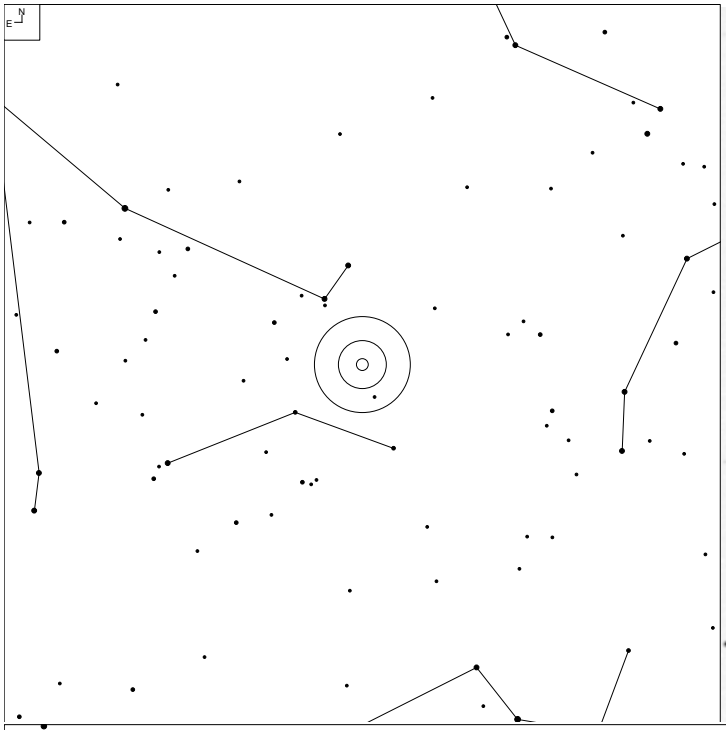


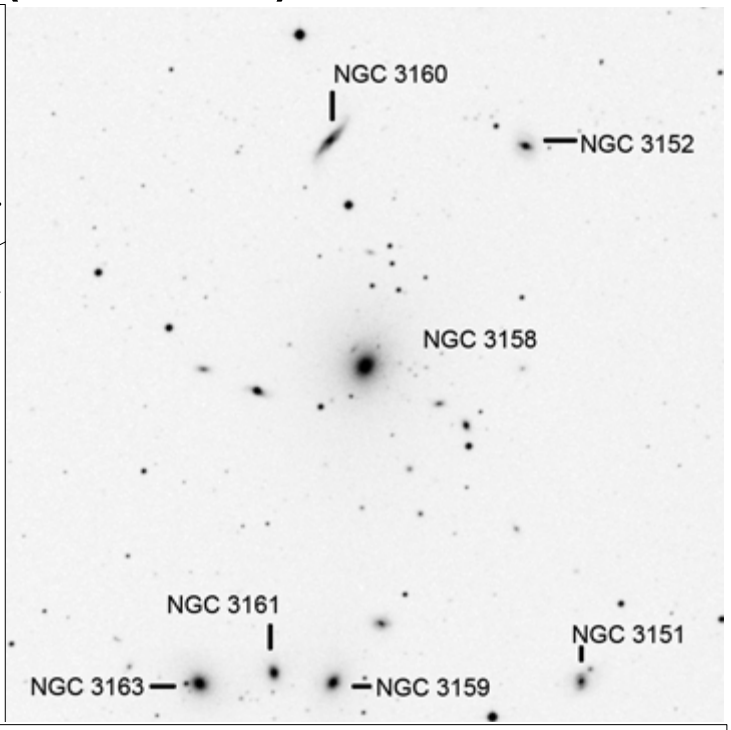


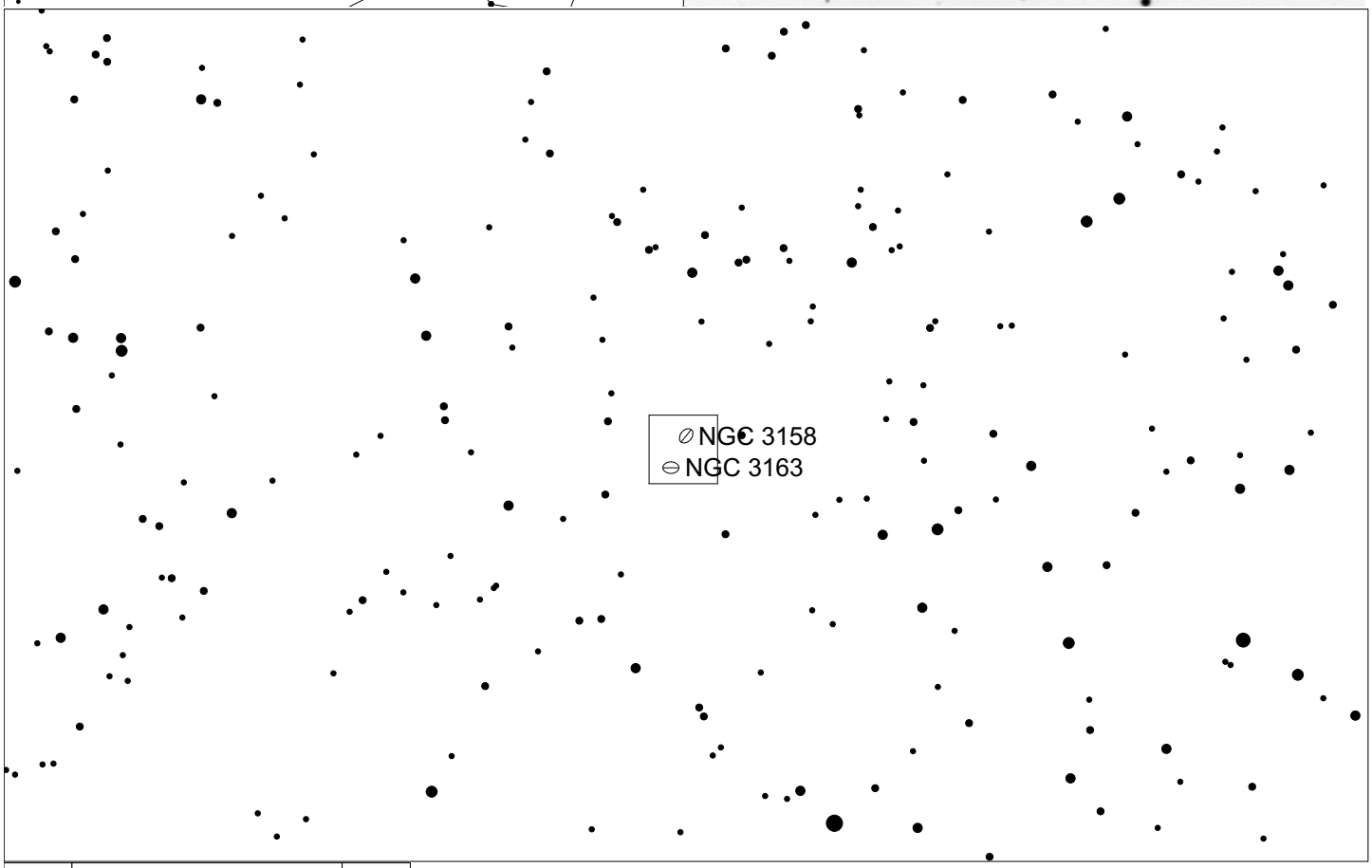


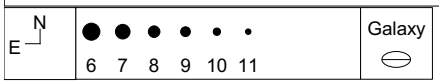
Herschel	RA	Dec	Mag	Size	Type
H II 494	10 51 46.7	+32 53 59	13.2p	3.2 x 0.9’	G SB(s)b:?
H I 118	10 52 11.7	+32 56 59	11.5v	4.6 x 2.3’	G SAB(rs)c

NGC 3158 (Leo Minor)



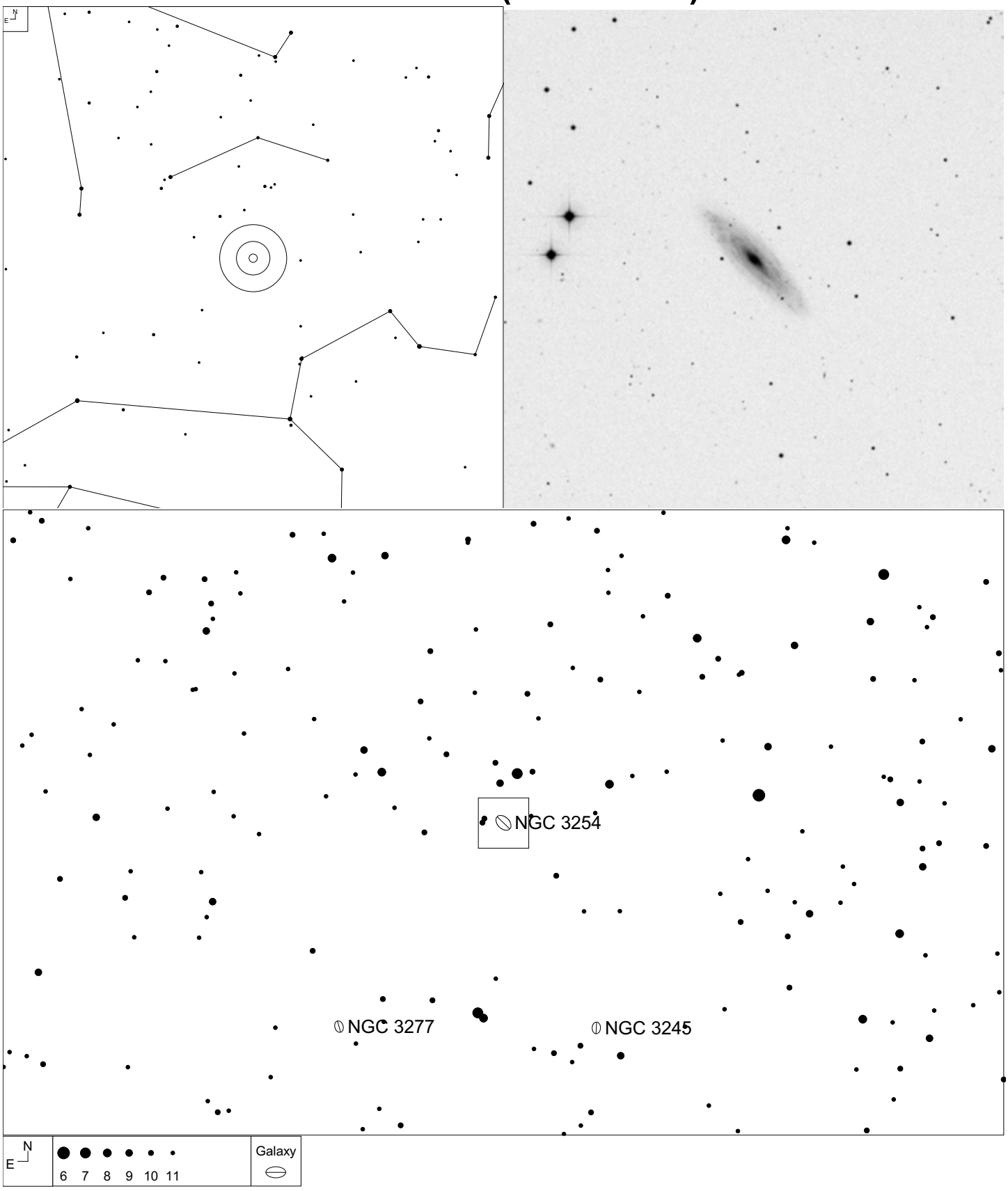






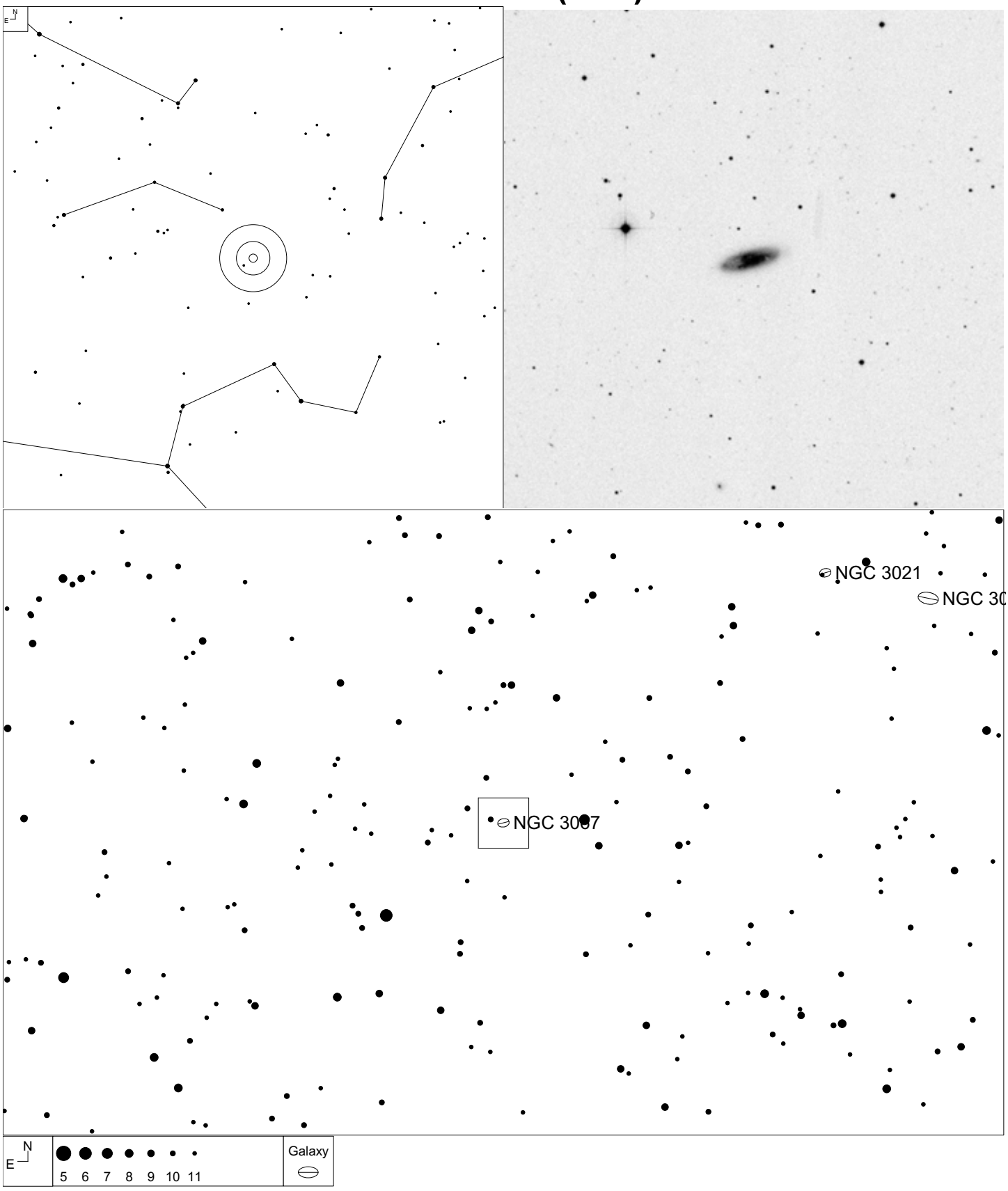
Herschel	RA	Dec	Mag	Size	Type
H II 639	10 13 50.5	+38 45 53	11.9v	2.0 x 1.8’	G E3:

NGC 3254 (Leo Minor)



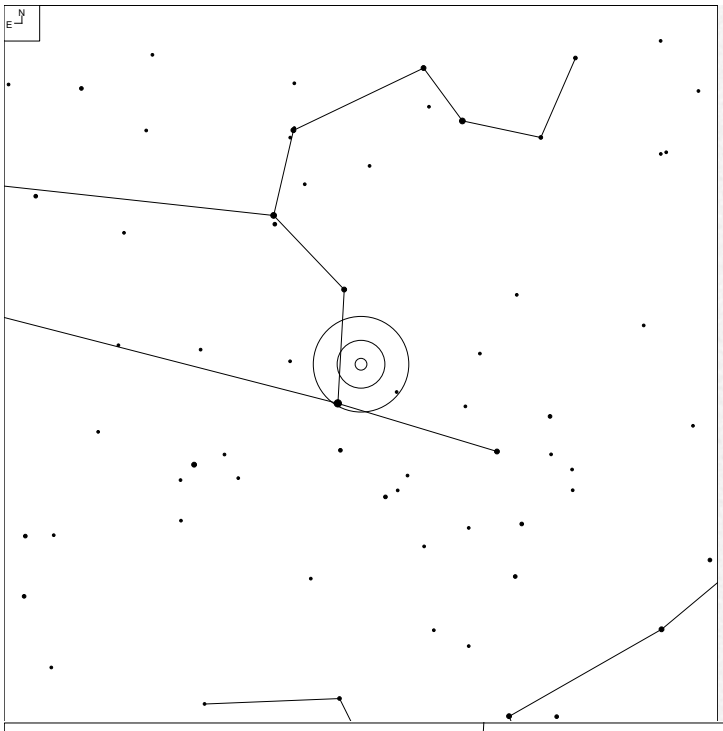
Herschel	RA	Dec	Mag	Size	Type
H I 72	10 29 19.9	+29 29 30	12.4b	5.0 x 1.5’	G SA(s)bc

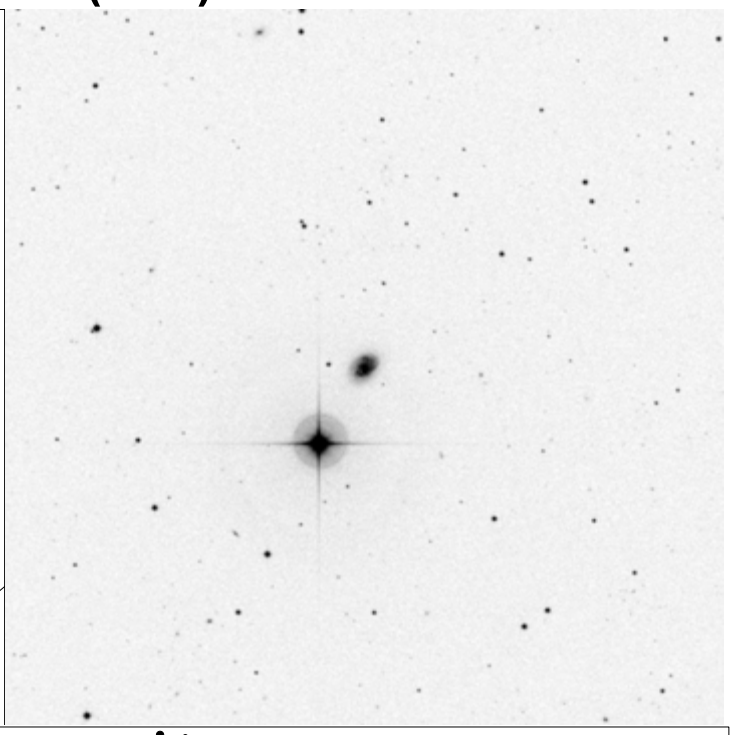
NGC 3067 (Leo)

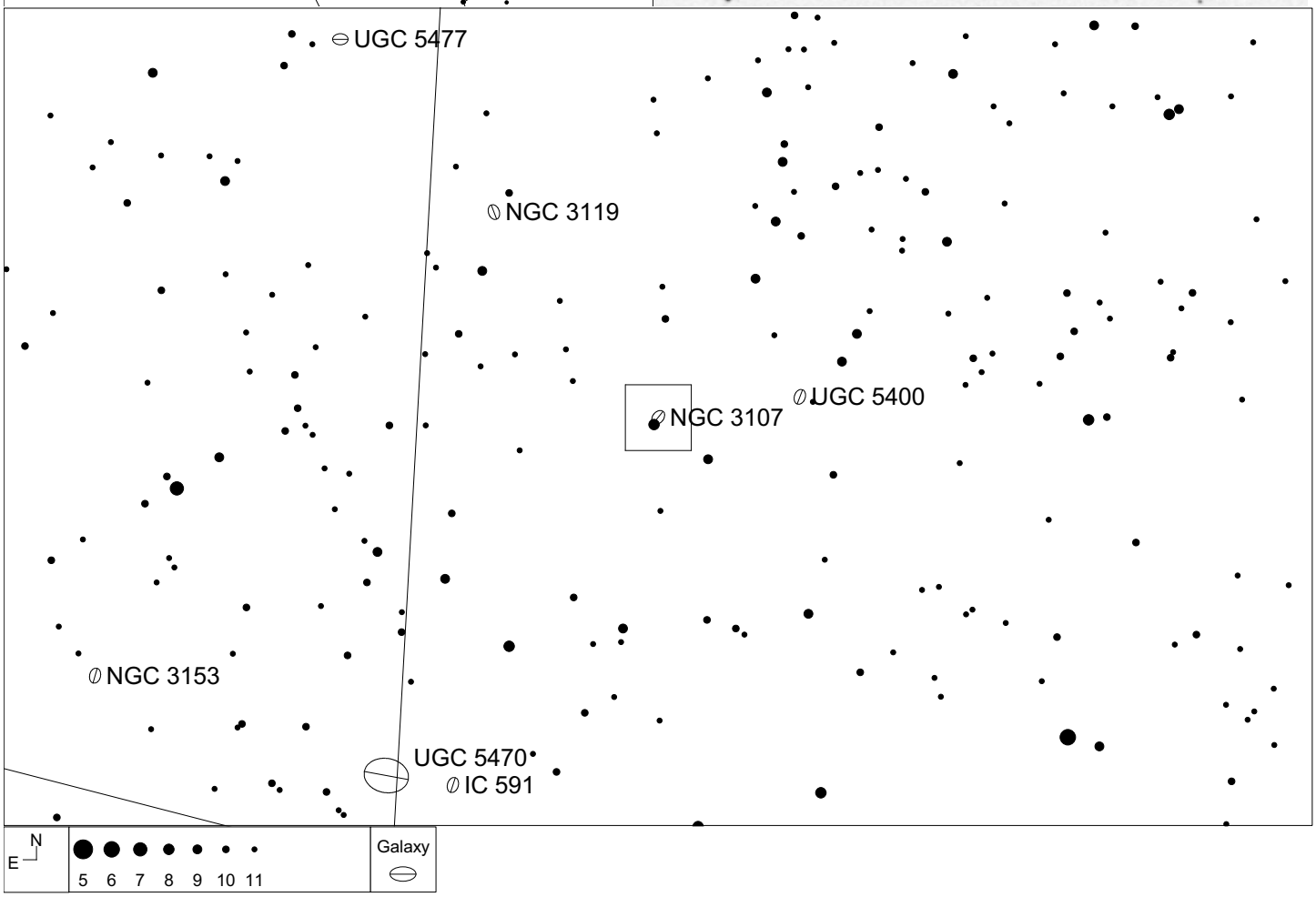


Herschel	RA	Dec	Mag	Size	Type
H II 492	09 58 21.3	+32 22 10	12.8b	2.4 x 0.9’	G SAB(s)ab?

NGC 3107 (Leo)

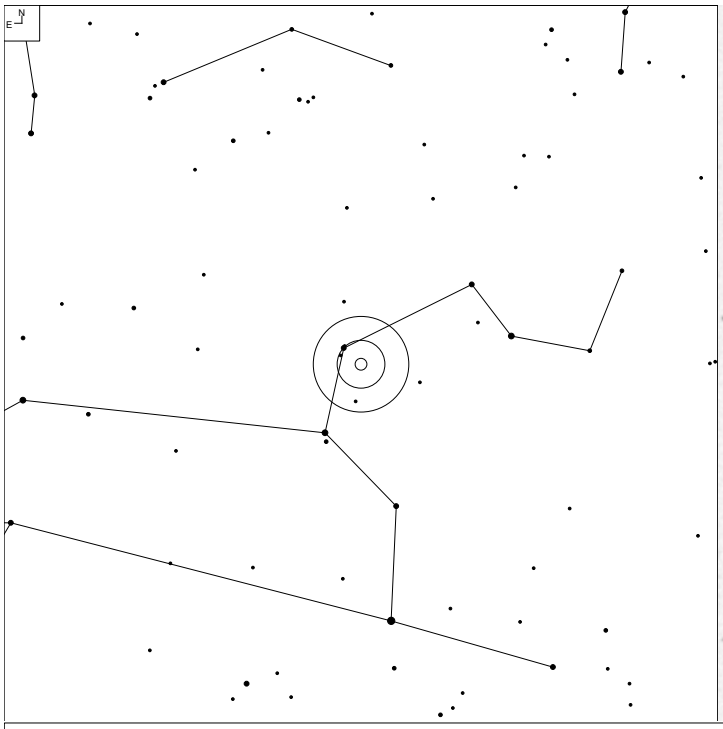


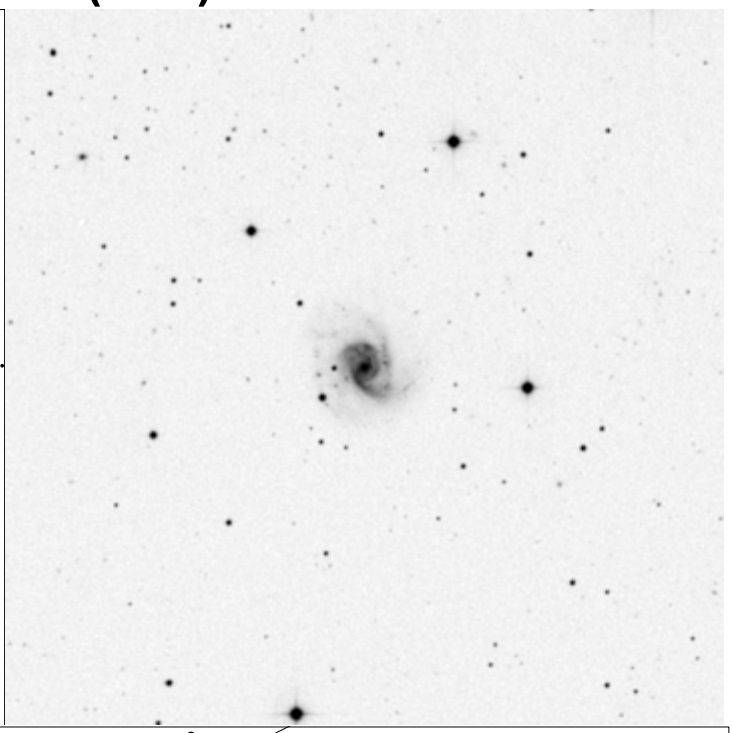


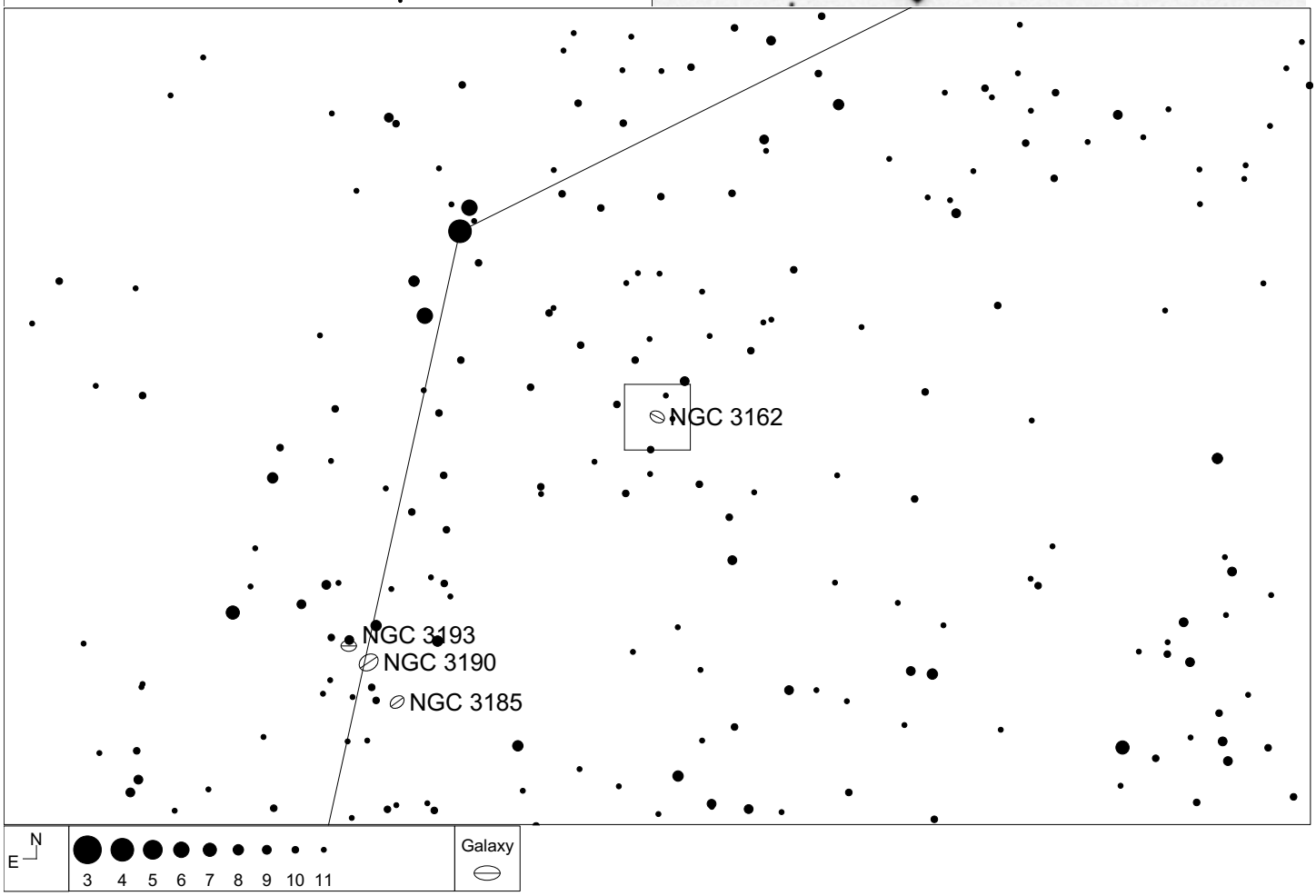


Herschel	RA	Dec	Mag	Size	Type
H II 898	10 04 22.4	+13 37 17	14.2p	0.8 x 0.6’	G Sbc:

NGC 3162 (Leo)

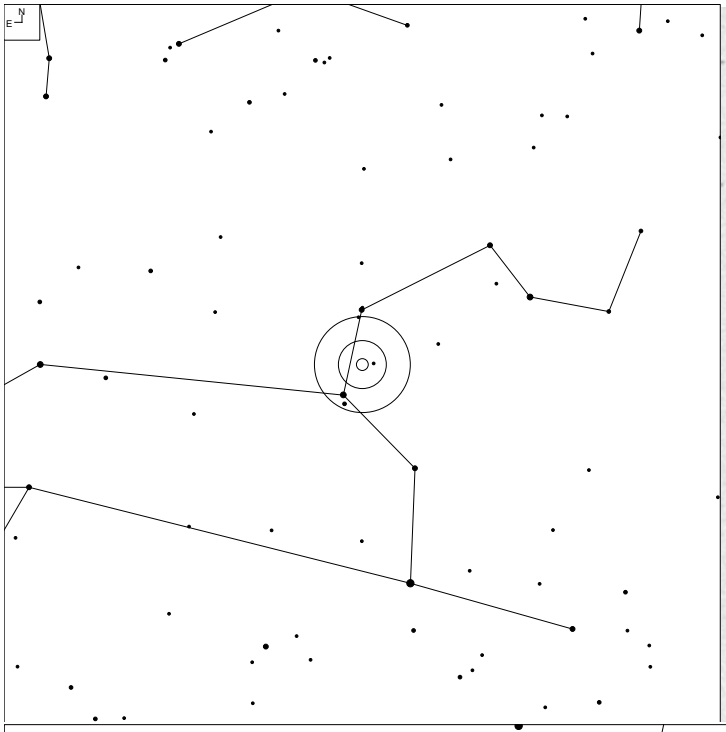


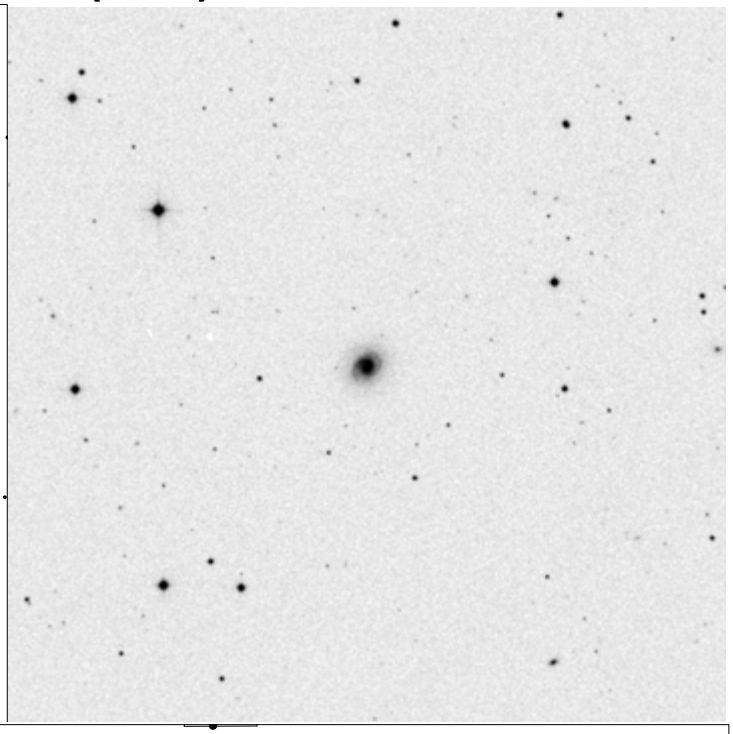


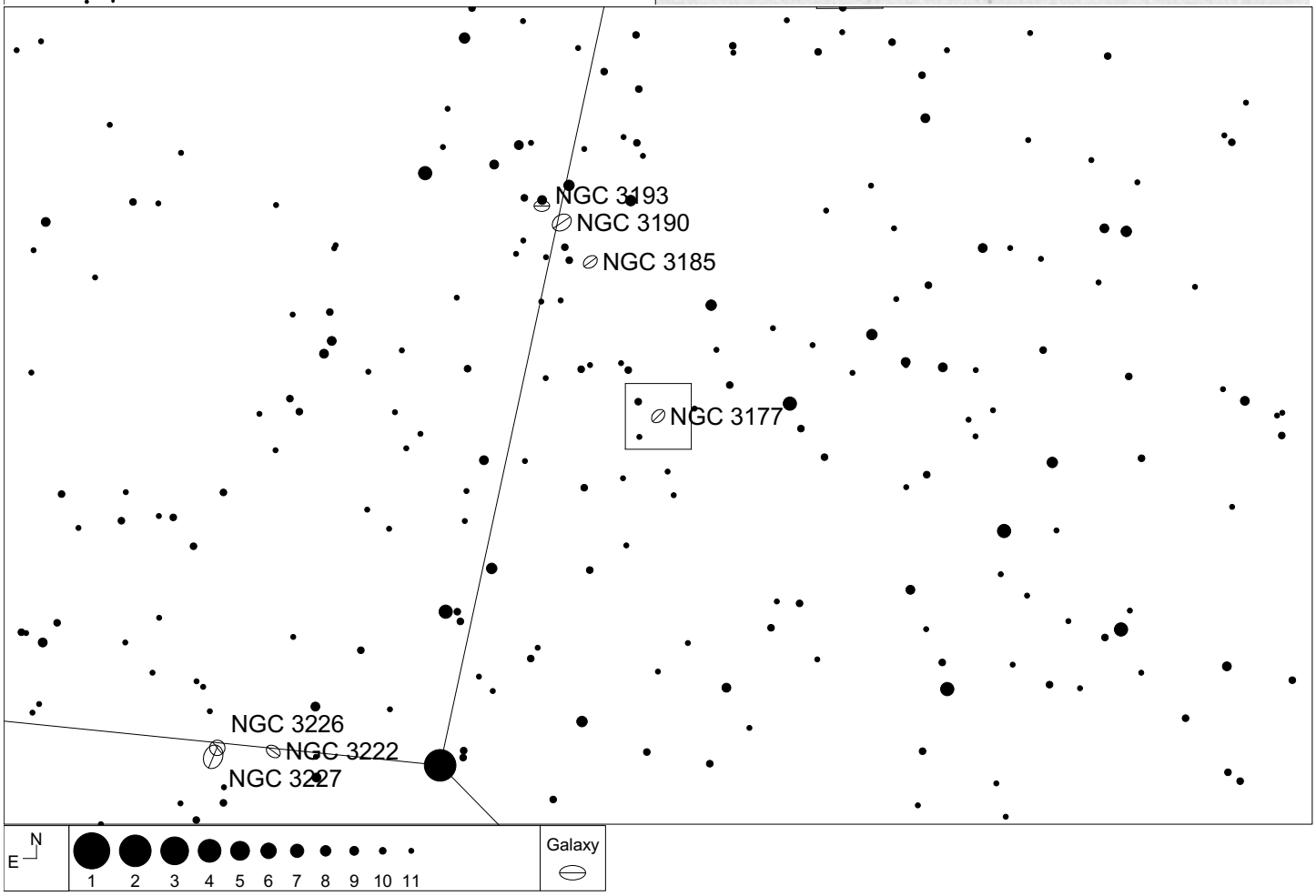


Herschel	RA	Dec	Mag	Size	Type
H II 43	10 13 31.6	+22 44 15	12.2b	3.0 x 2.4’	G SAB(rs)bc

NGC 3177 (Leo)

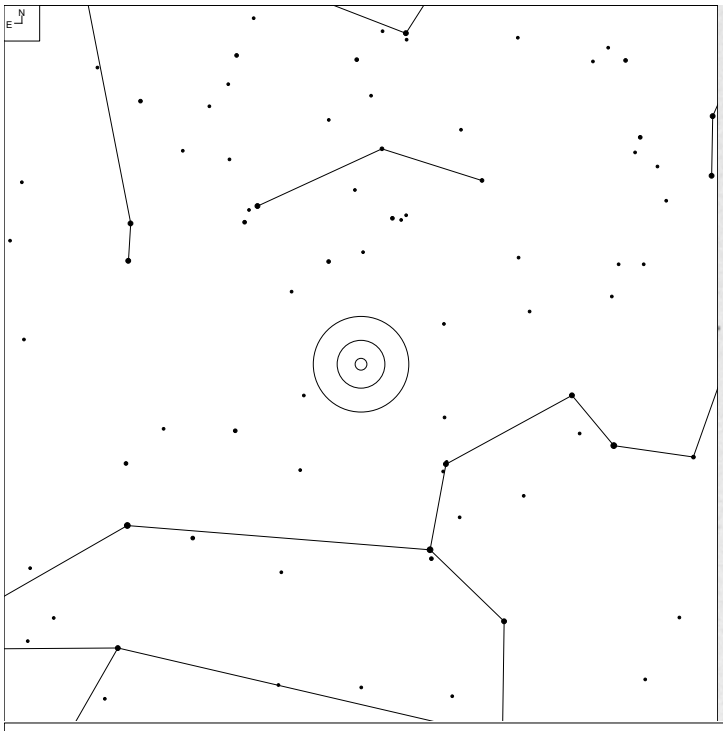


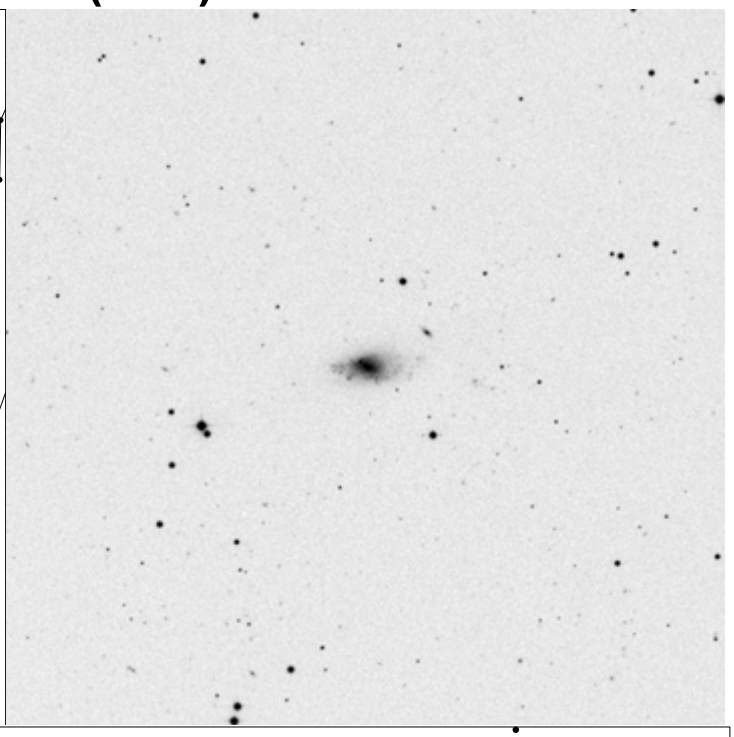


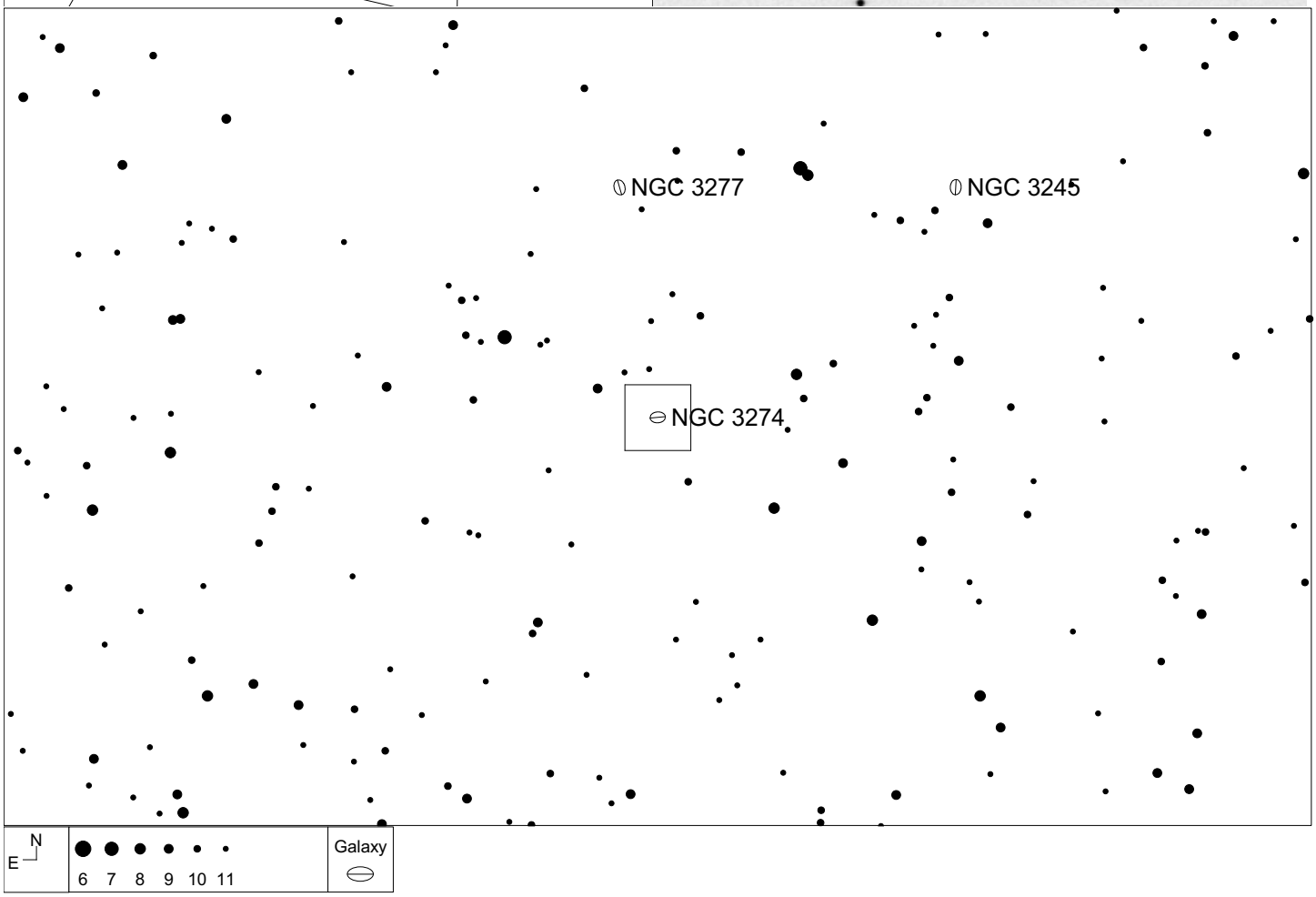


Herschel	RA	Dec	Mag	Size	Type
H III 255	10 16 34.1	+21 07 23	13.0b	1.4 x 1.1’	G SA(rs)b

NGC 3274 (Leo)

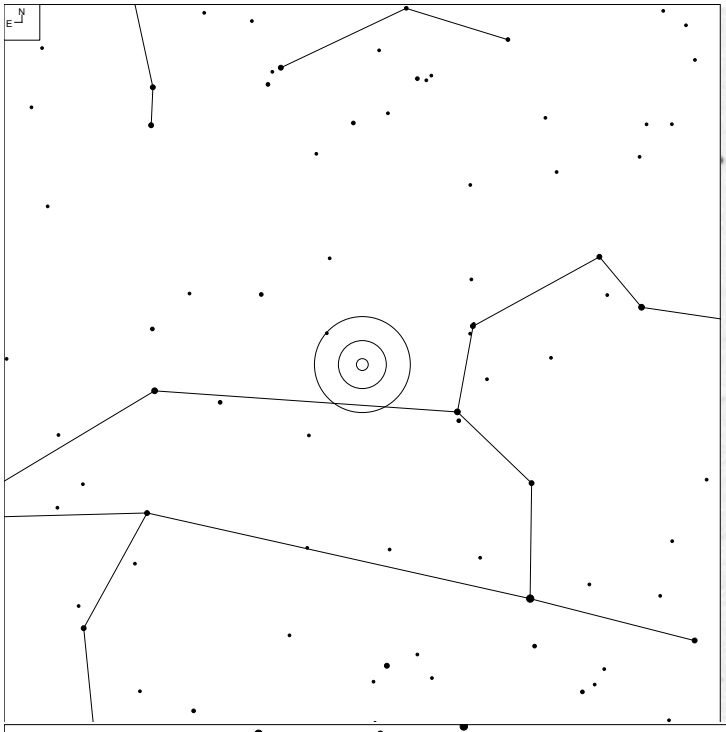


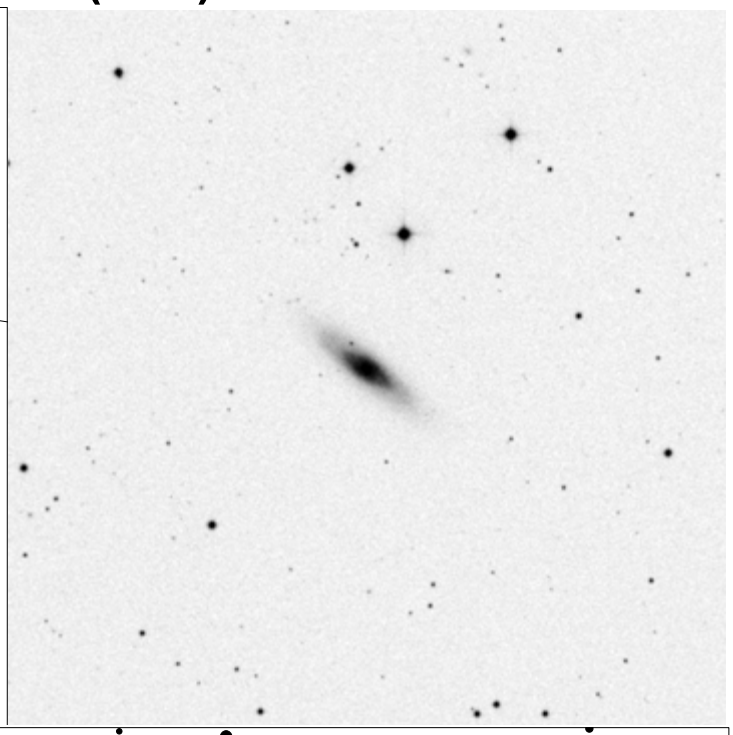


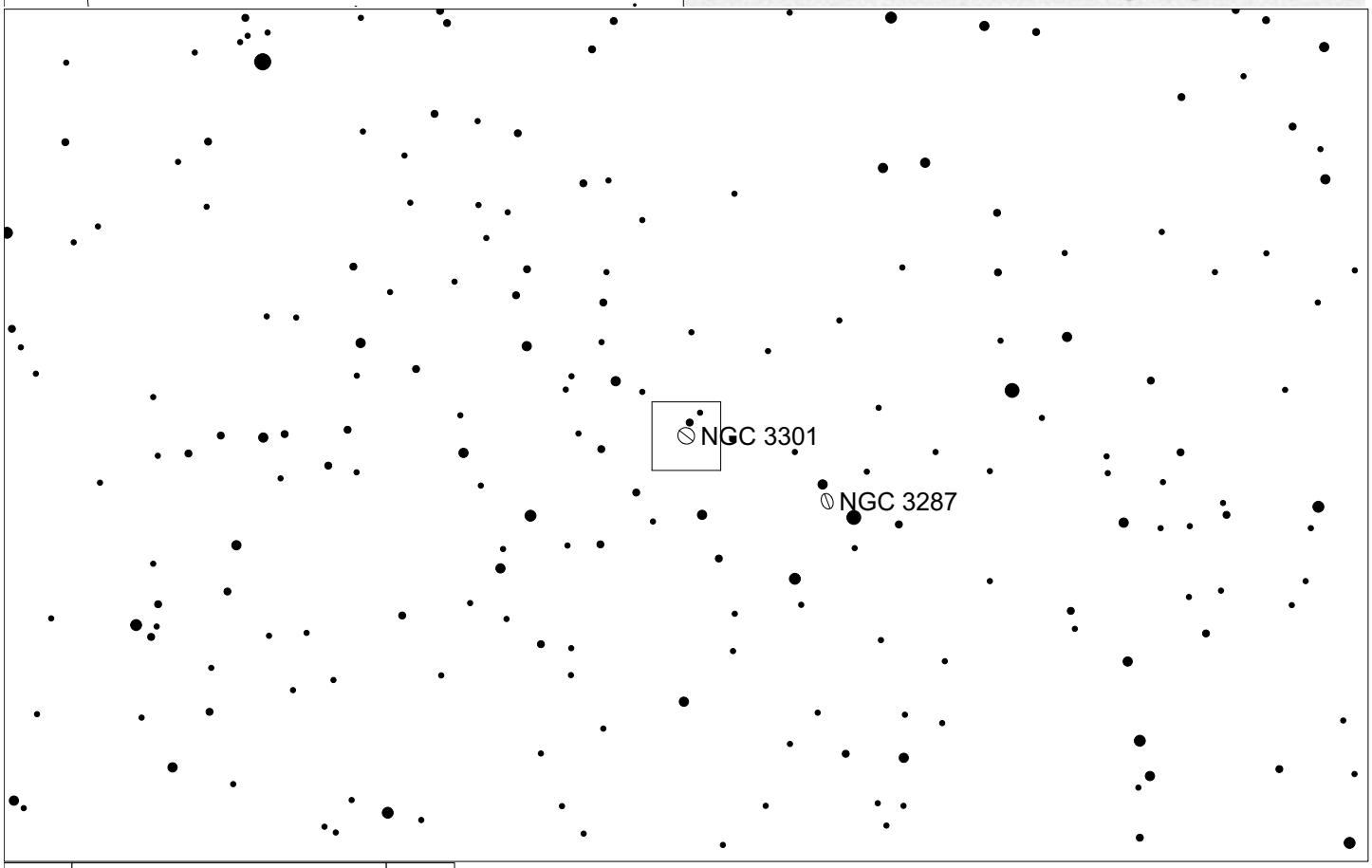


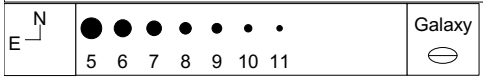
Herschel	RA	Dec	Mag	Size	Type
H II 358	10 32 17.1	+27 40 07	13.2b	2.3 x 1.4’	G SABd?

NGC 3301 (Leo)



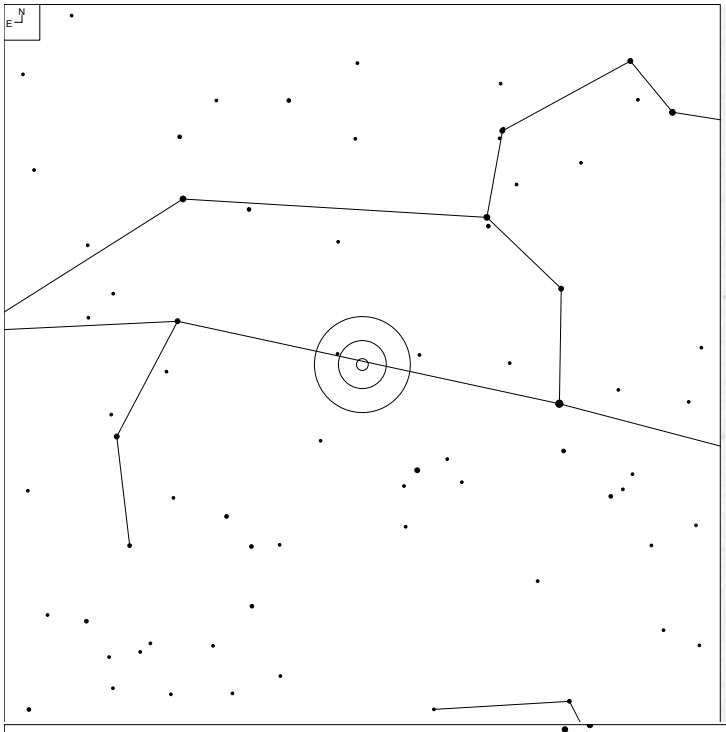


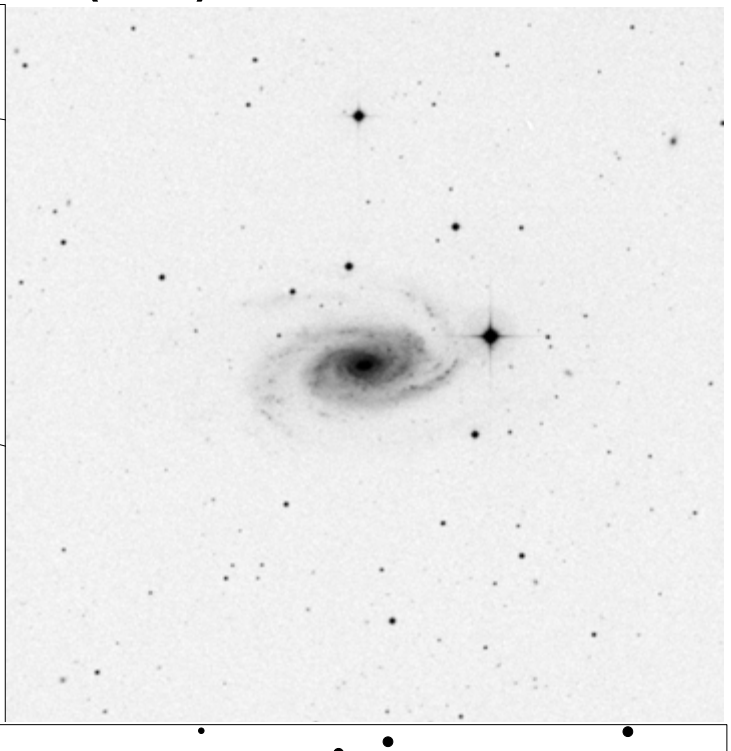


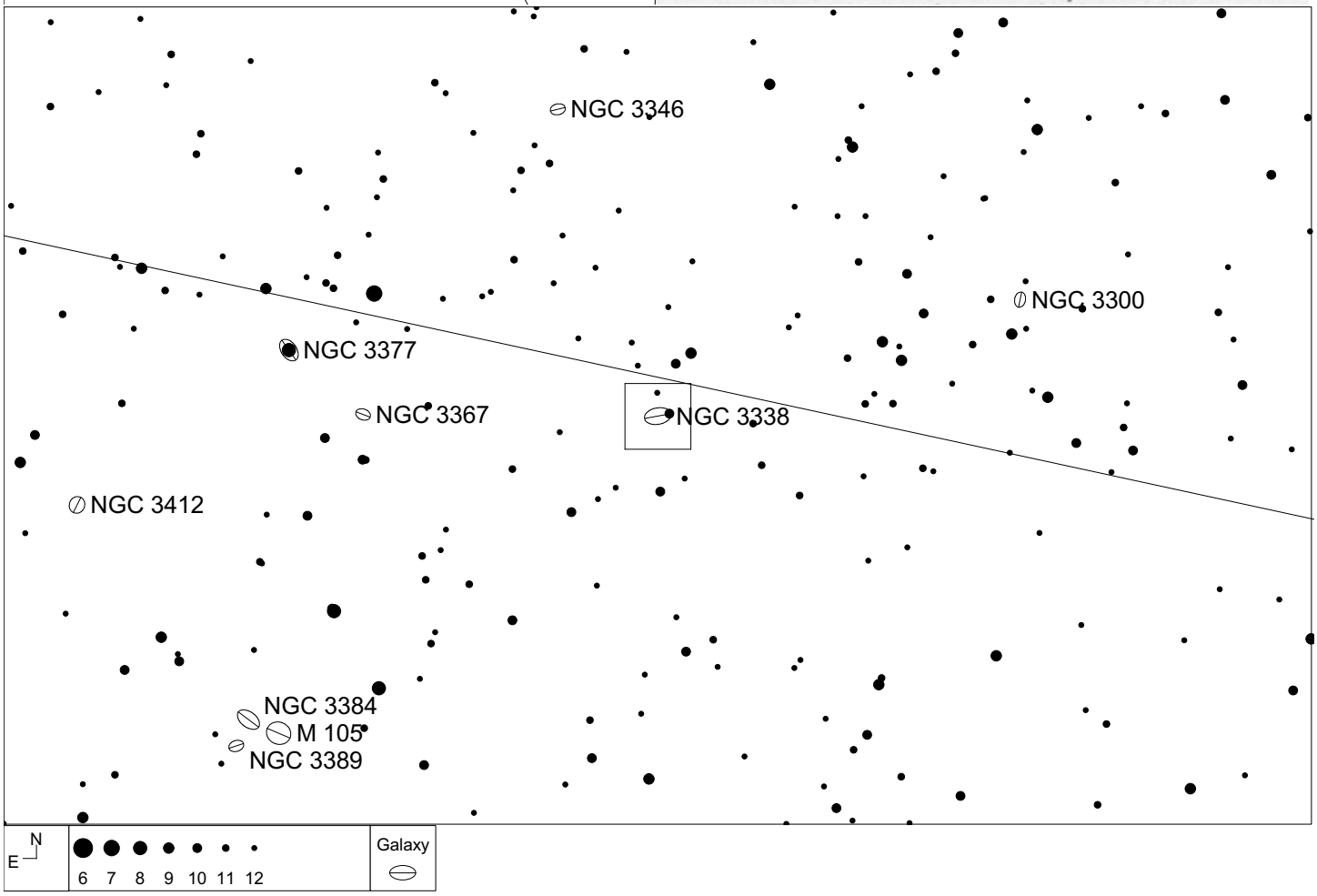


Herschel	RA	Dec	Mag	Size	Type
H II 46	10 36 56.0	+21 52 55	12.3b	3.5 x 1.0’	G (R’)SB(rs)0/a

NGC 3338 (Leo)

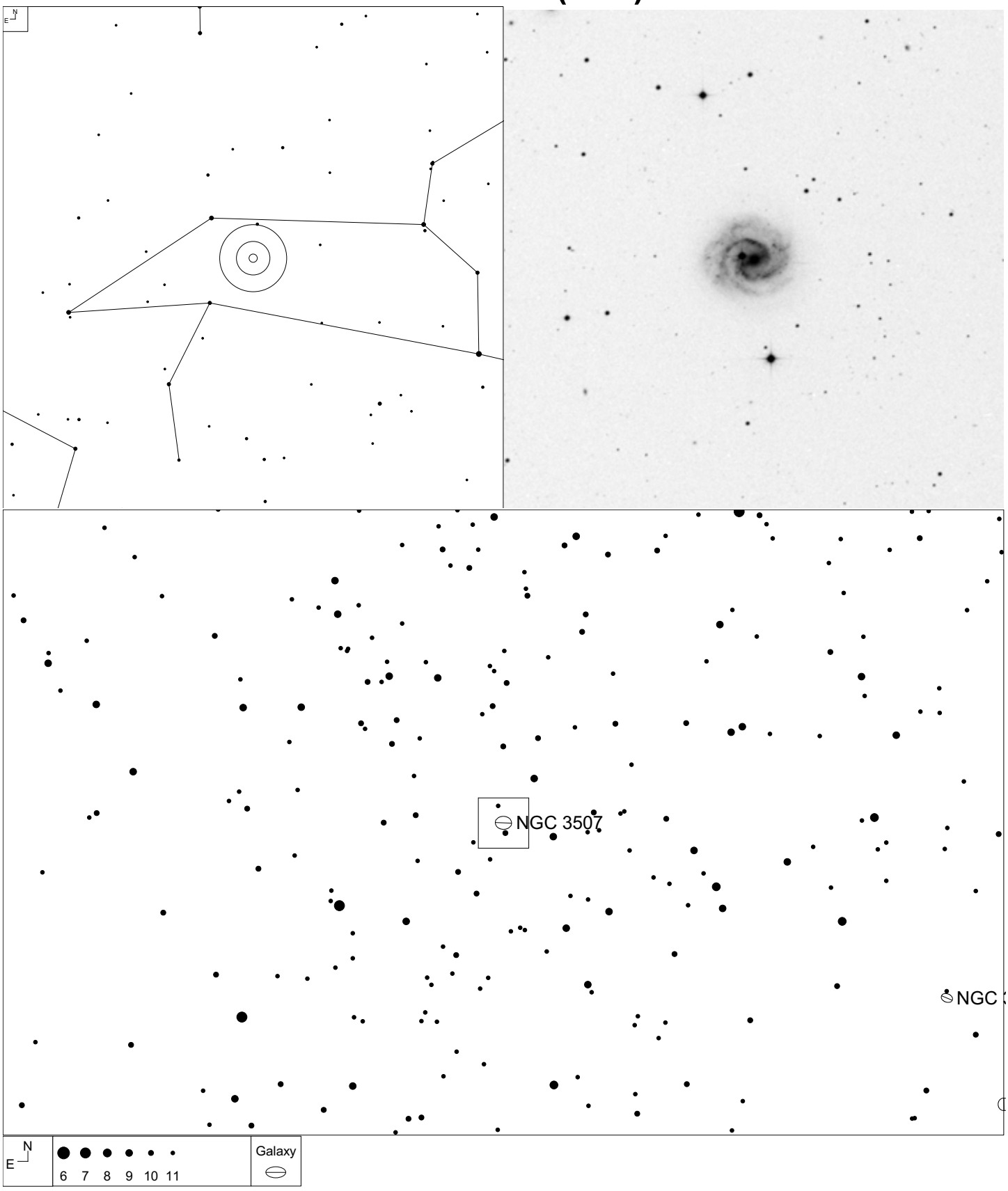






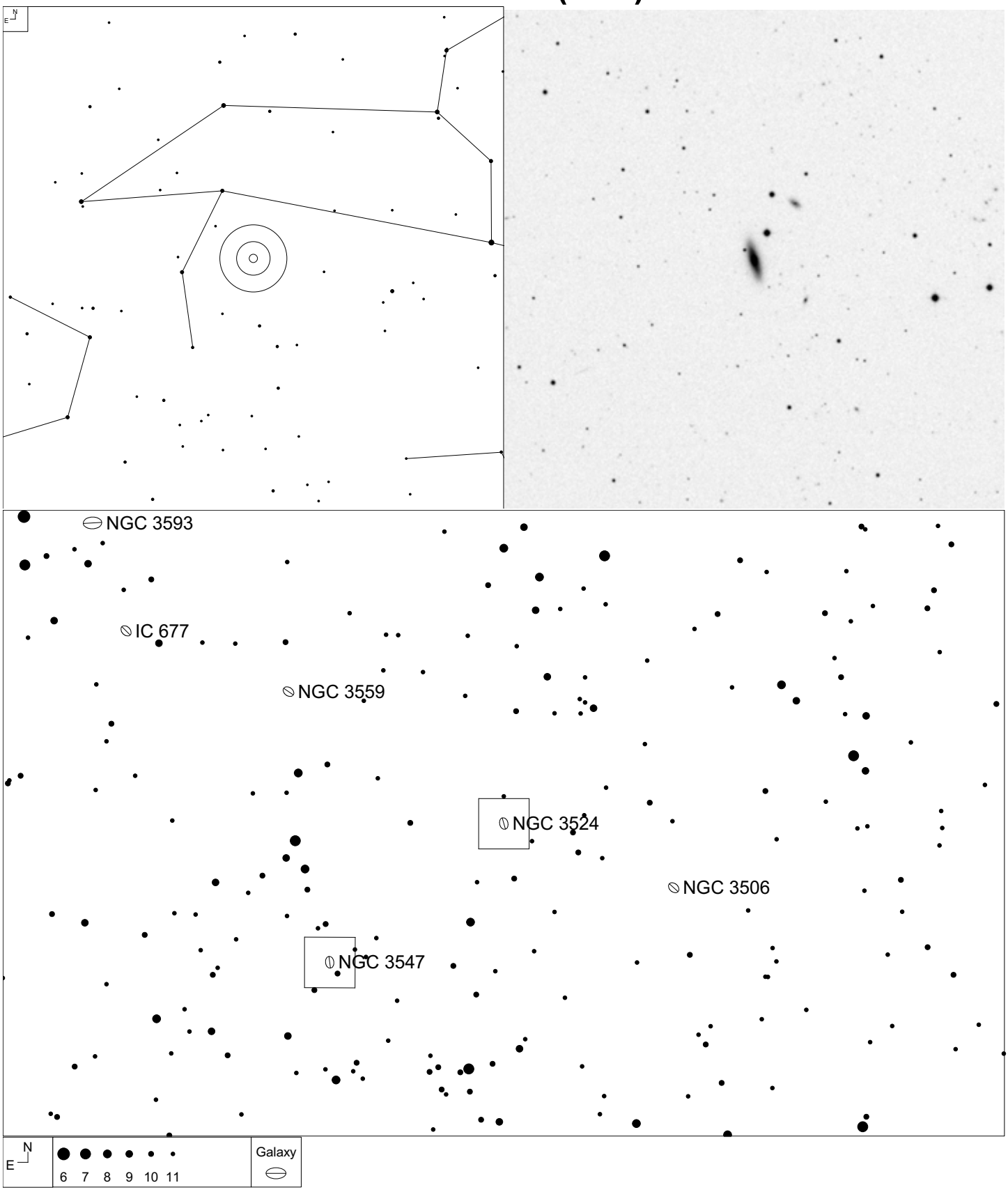
Herschel	RA	Dec	Mag	Size	Type
H II 77	10 42 07.5	+13 44 49	11.6b	5.8 x 3.5’	G SA(s)c

NGC 3507 (Leo)



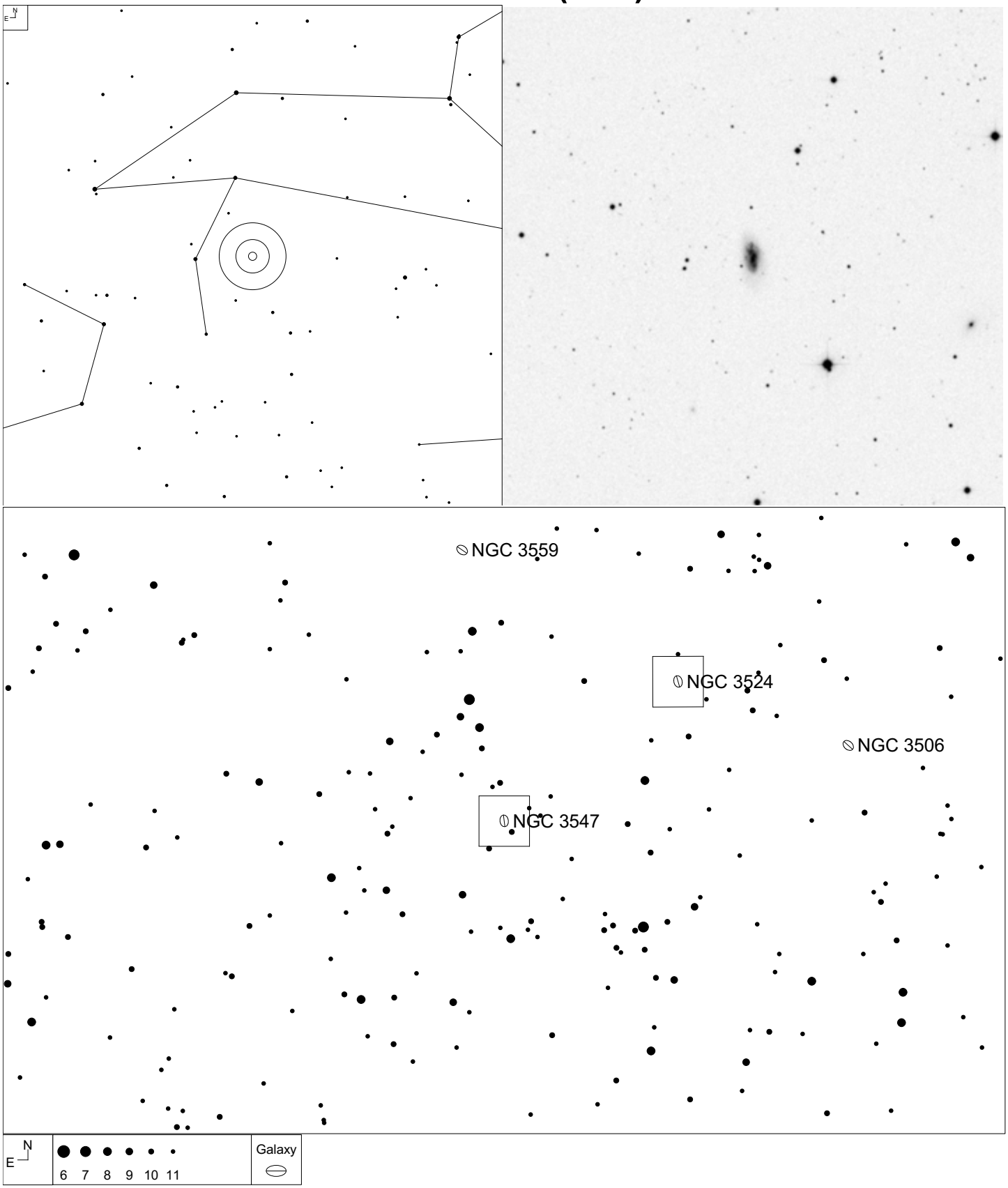
Herschel	RA	Dec	Mag	Size	Type
H IV 7	11 03 25.6	+18 08 08	11.7b	4.6 x 3.7’	G SB(s)b

NGC 3524 (Leo)



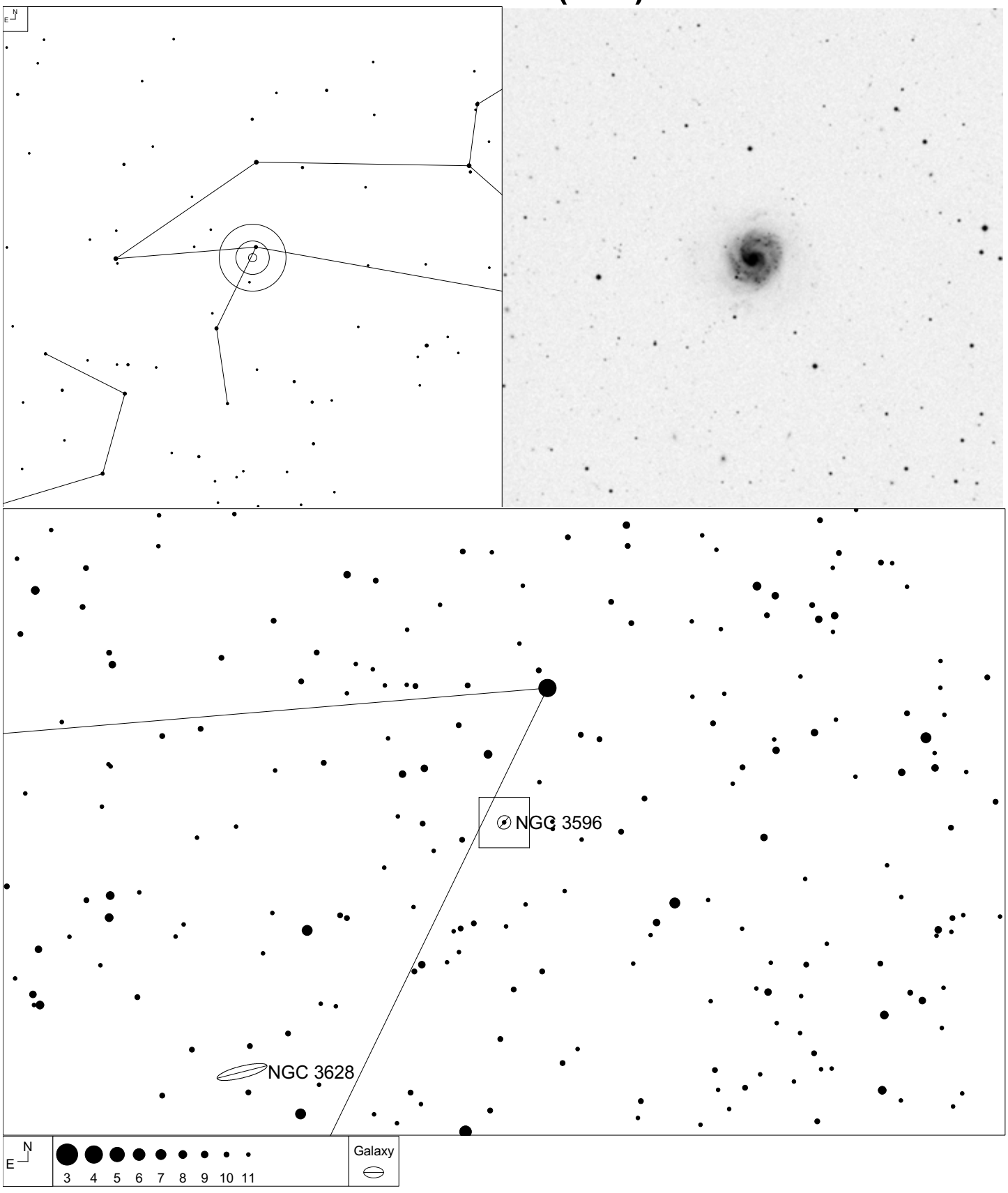
Herschel	RA	Dec	Mag	Size	Type
H III 23	11 06 32.1	+11 23 08	13.8p	1.6 x 0.4’	G S0/a

NGC 3547 (Leo)



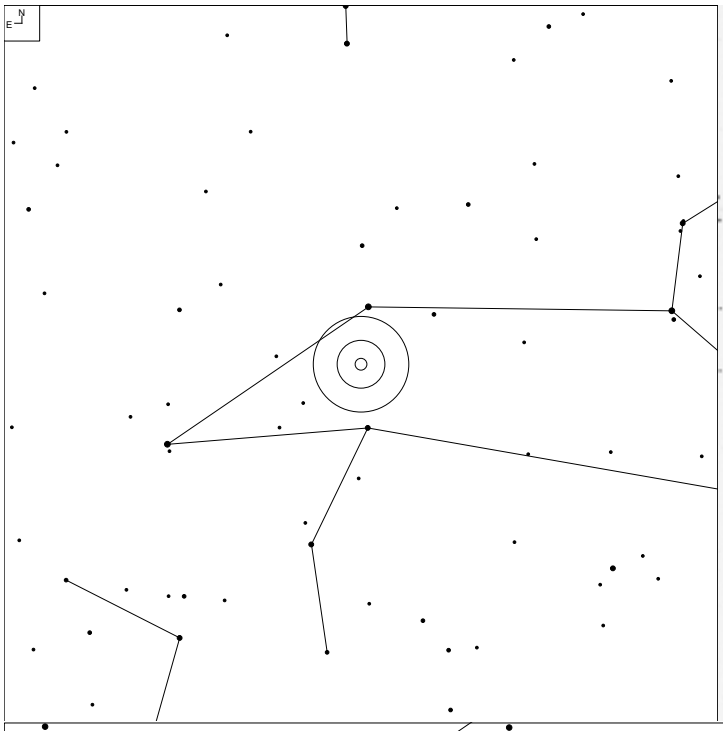
Herschel	RA	Dec	Mag	Size	Type
H II 42	11 09 55.9	+10 43 14	13.2b	1.9 x 0.9’	G Sb:

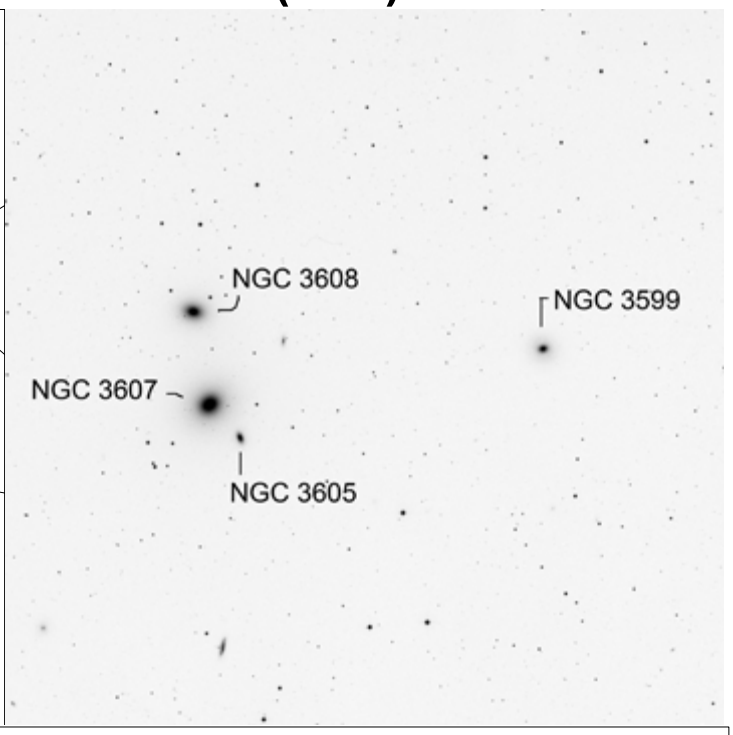
NGC 3596 (Leo)

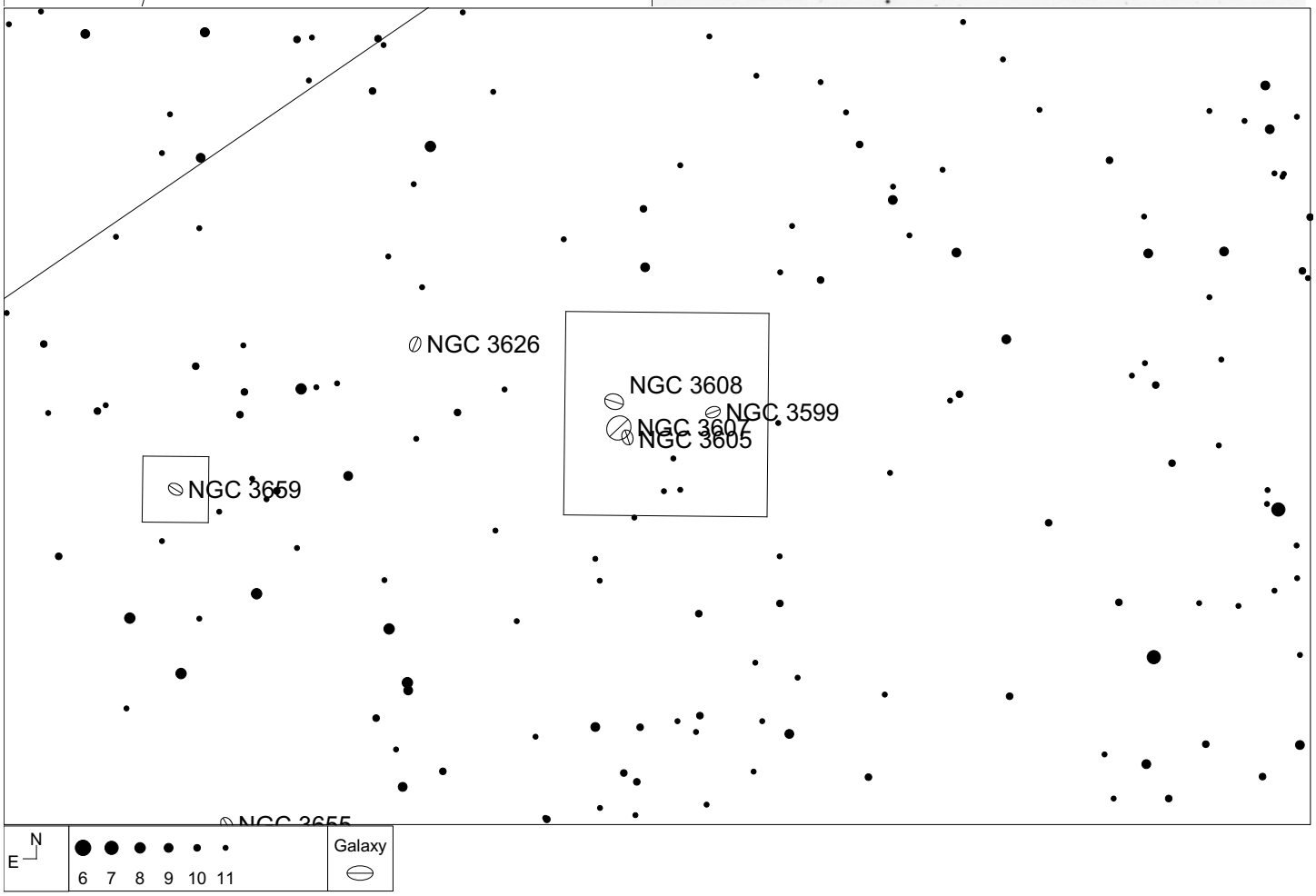


Herschel	RA	Dec	Mag	Size	Type
H II 102	11 15 06.2	+14 47 13	12.0b	3.9 x 3.7’	G SAB(rs)c

NGC 3599 and NGC 3605 (Leo)

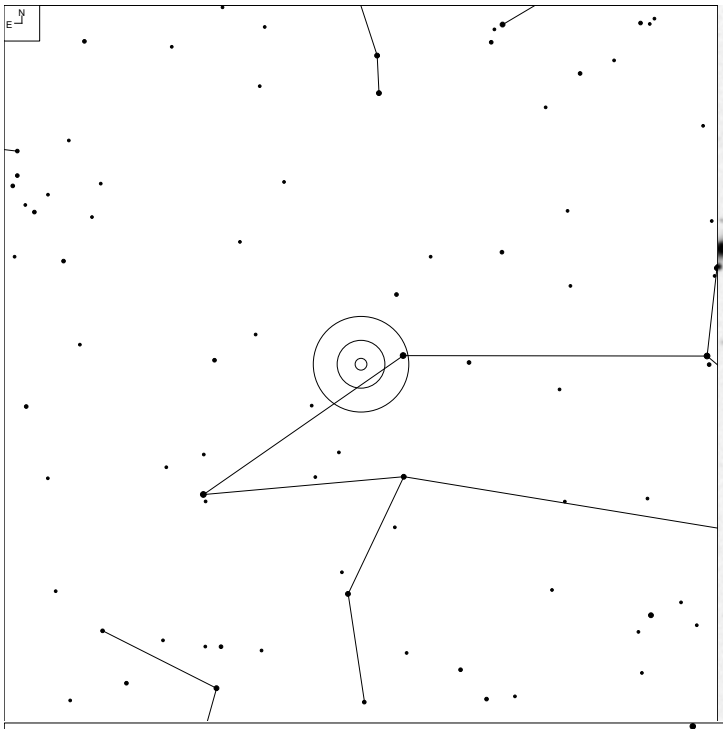


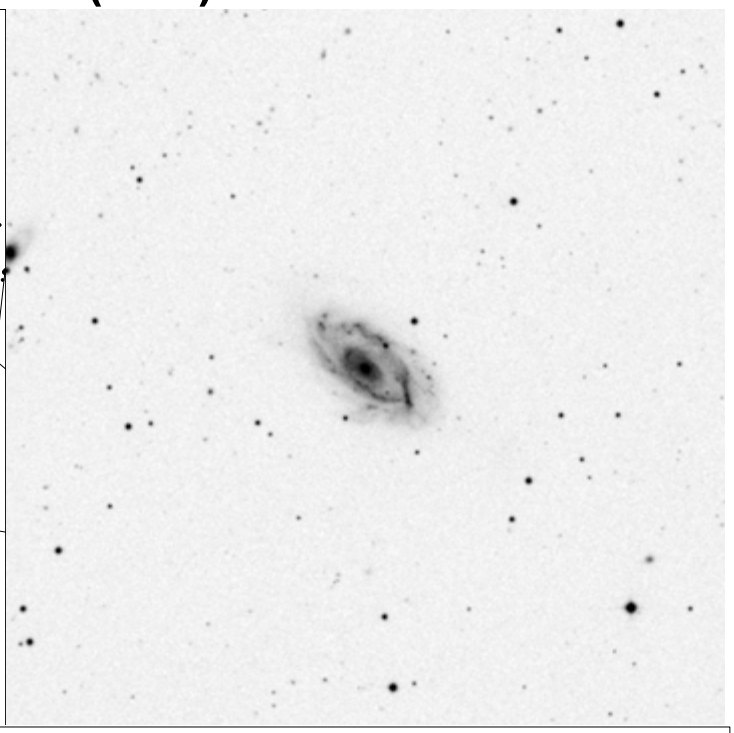


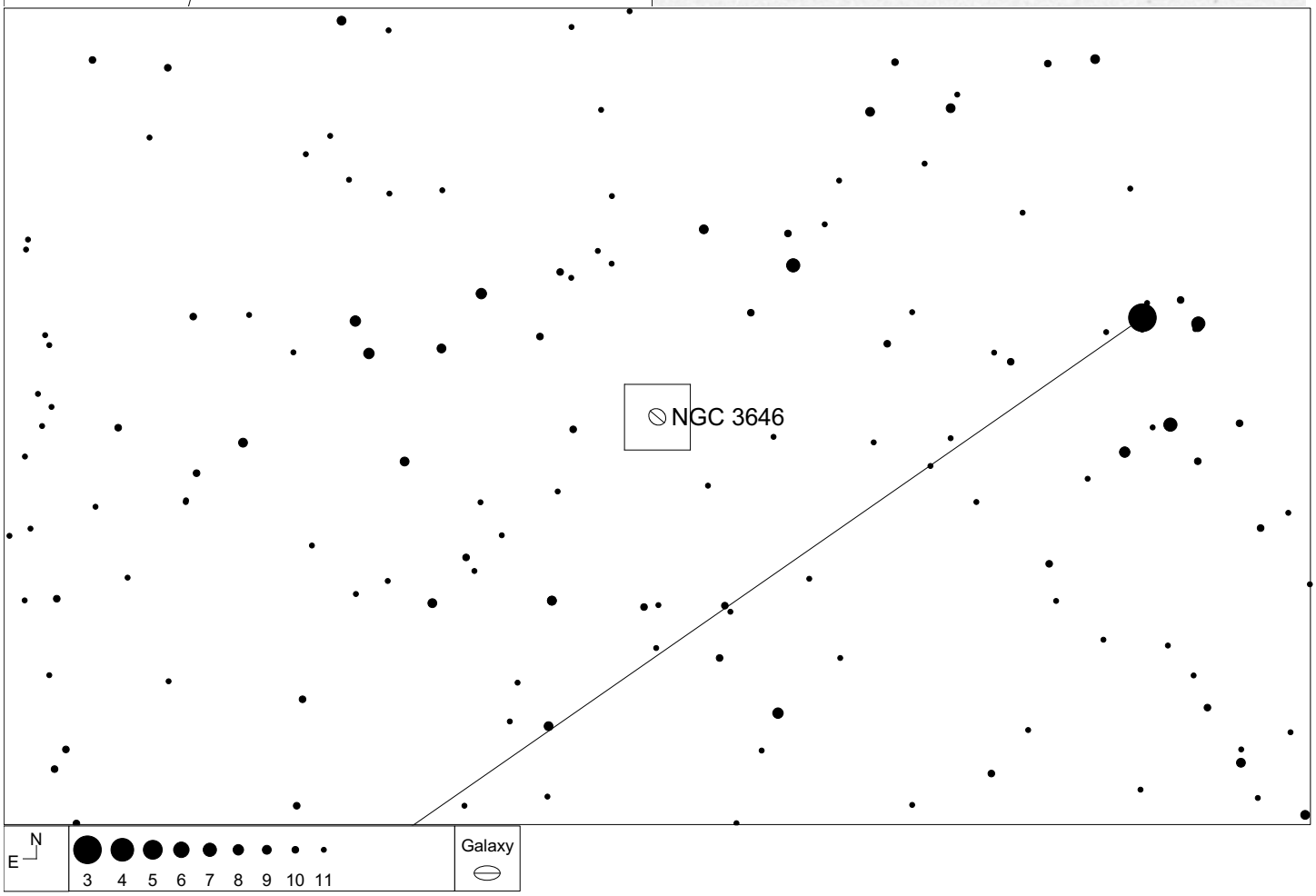


Herschel	RA	Dec	Mag	Size	Type
H II 49	11 15 27.0	+18 06 37	12.0v	2.7 x 2.2’	G SA0:
H III 27	11 16 46.6	+18 01 01	12.3v	1.6 x 1.2’	G E4-5

NGC 3646 (Leo)

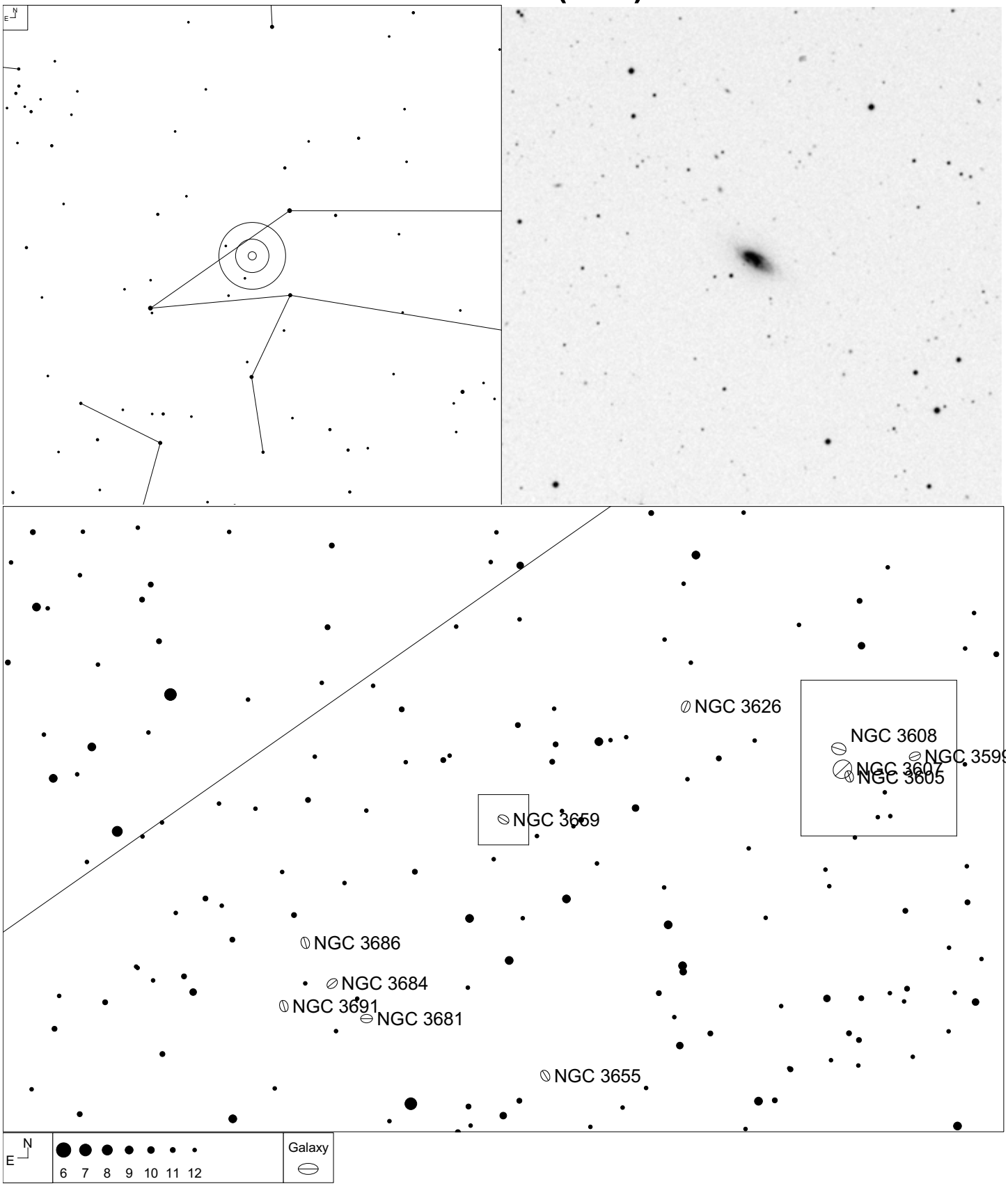






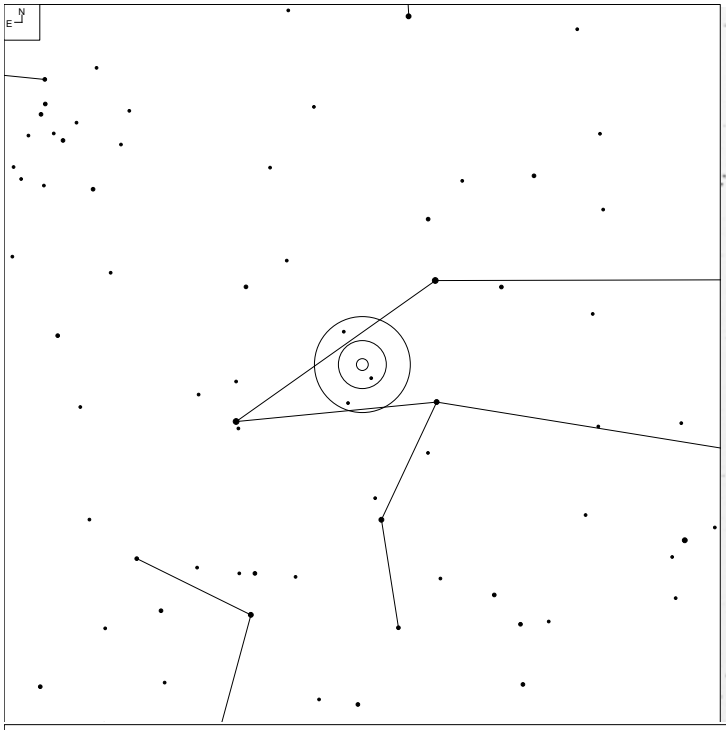
Herschel	RA	Dec	Mag	Size	Type
H III 15	11 21 43.1	+20 10 10	11.8b	3.9 x .2.2’	G SA:(r)bc pec ring

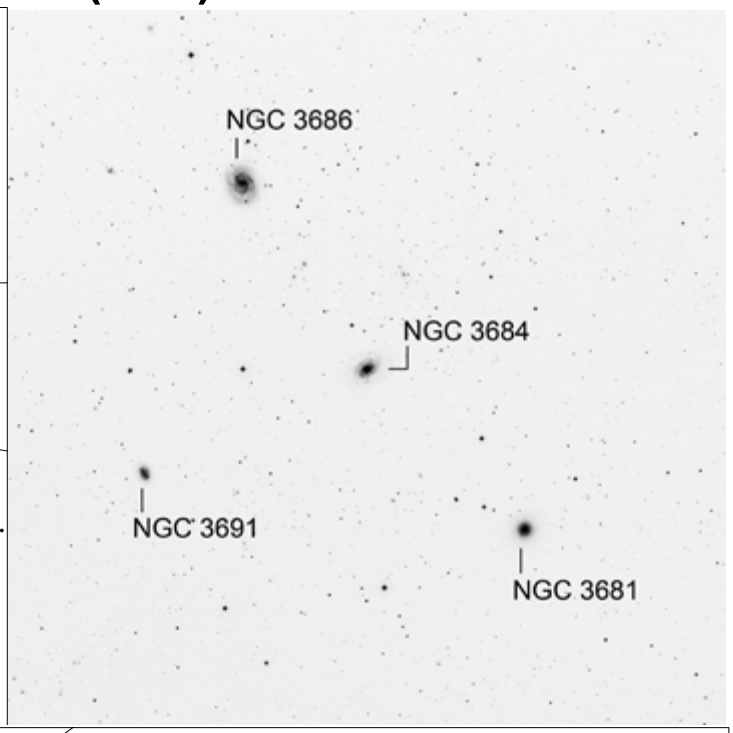
NGC 3659 (Leo)

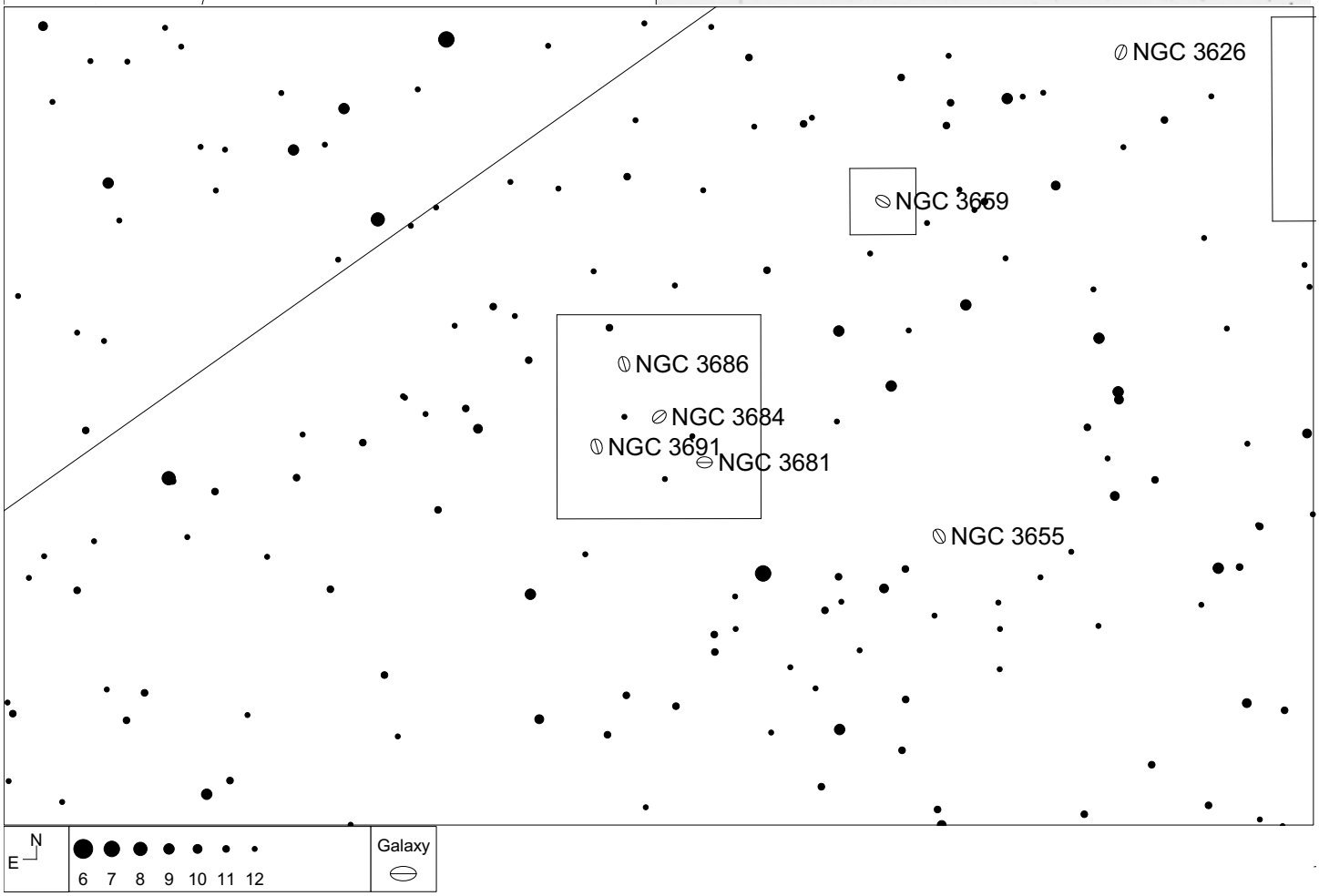


Herschel	RA	Dec	Mag	Size	Type
H II 53	11 23 45.3	+17 49 07	12.8p	2.1 x 1.1’	G SB(s)m?

NGC 3681 (Leo)

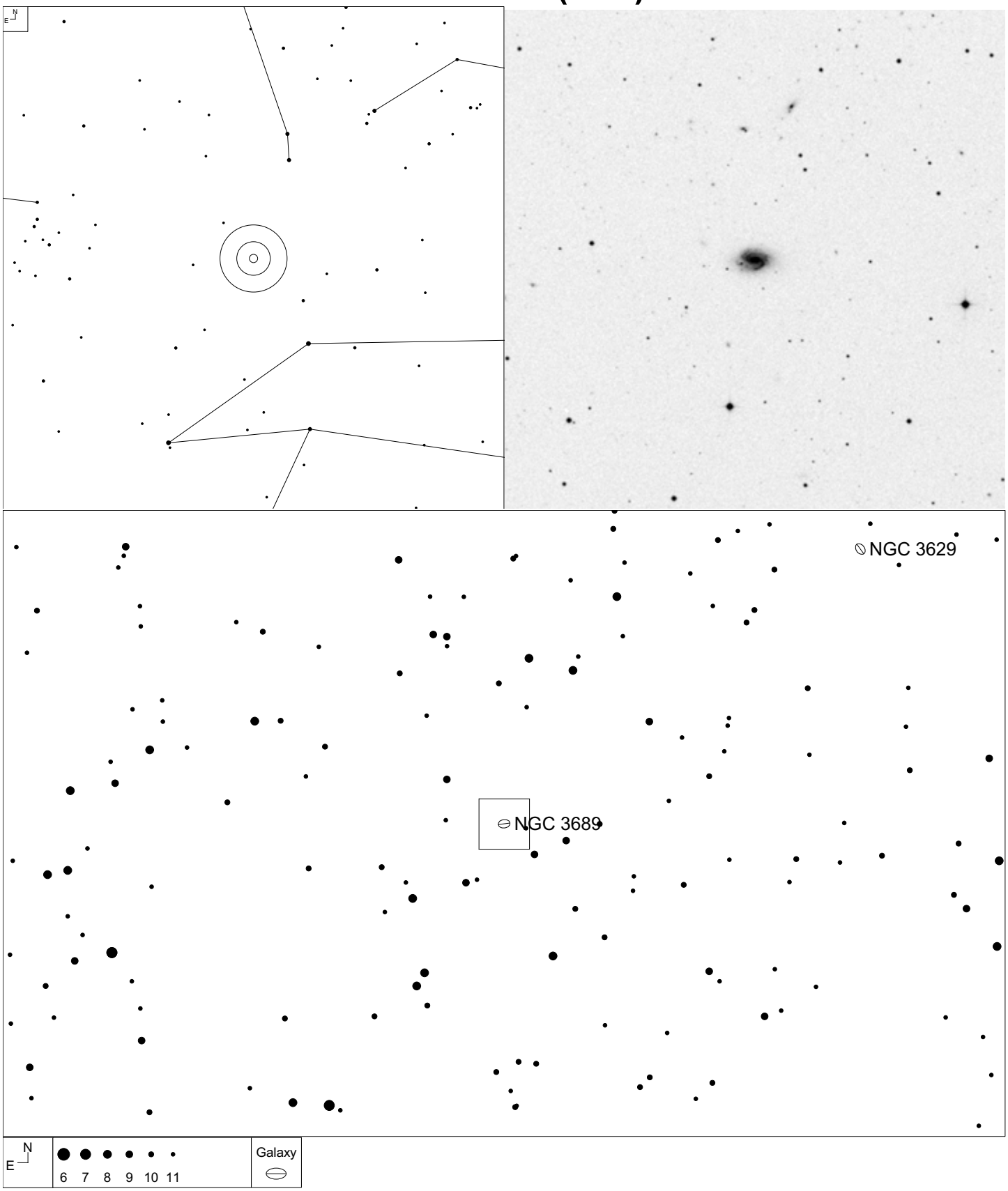






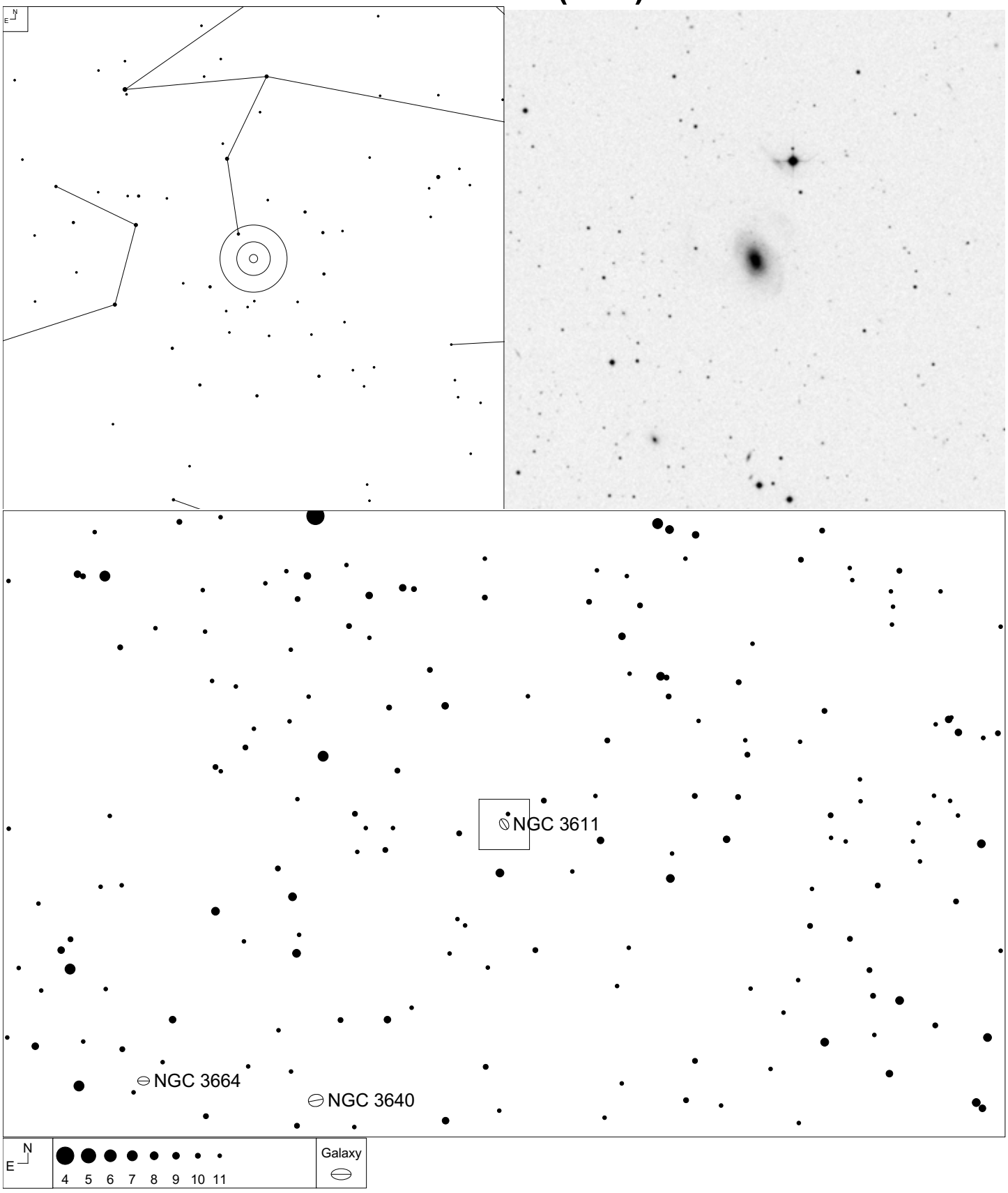
Herschel	RA	Dec	Mag	Size	Type
H II 159	11 26 29.8	+16 51 48	11.9b	2.0 x 2.0’	G SAB(r)bc

NGC 3689 (Leo)



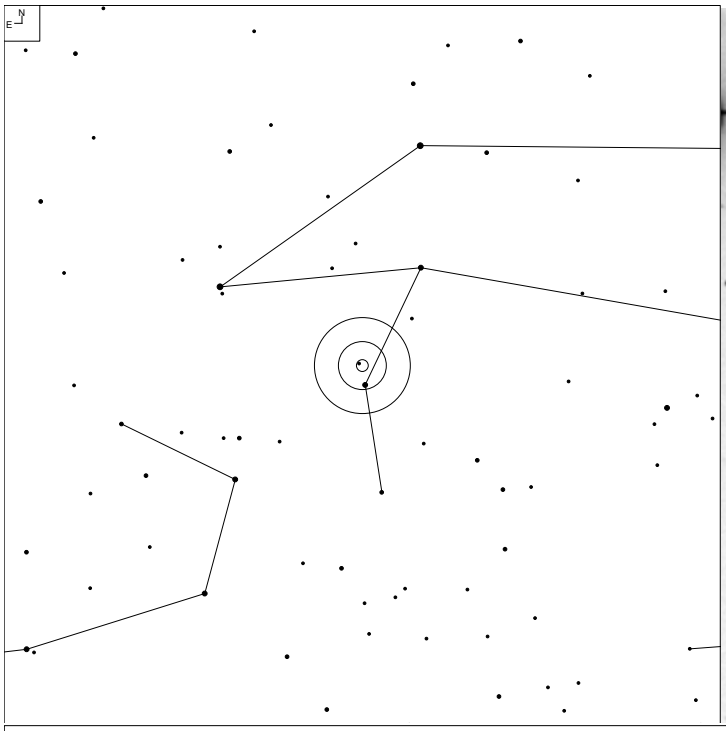
Herschel	RA	Dec	Mag	Size	Type
H II 339	11 28 11.0	+25 39 41	13.0b	1.6 x 1.0’	G SAB(rs)c

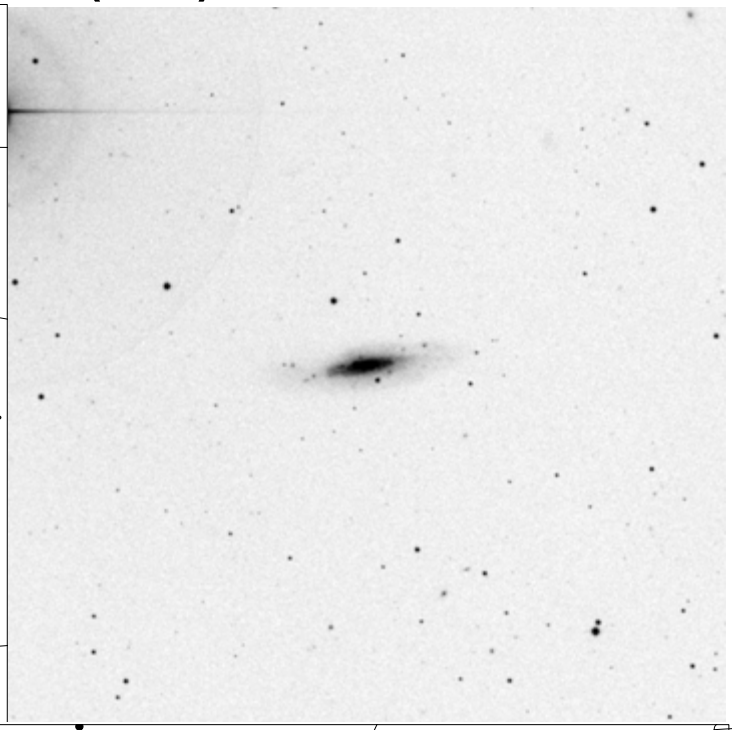
NGC 3611 (Leo)

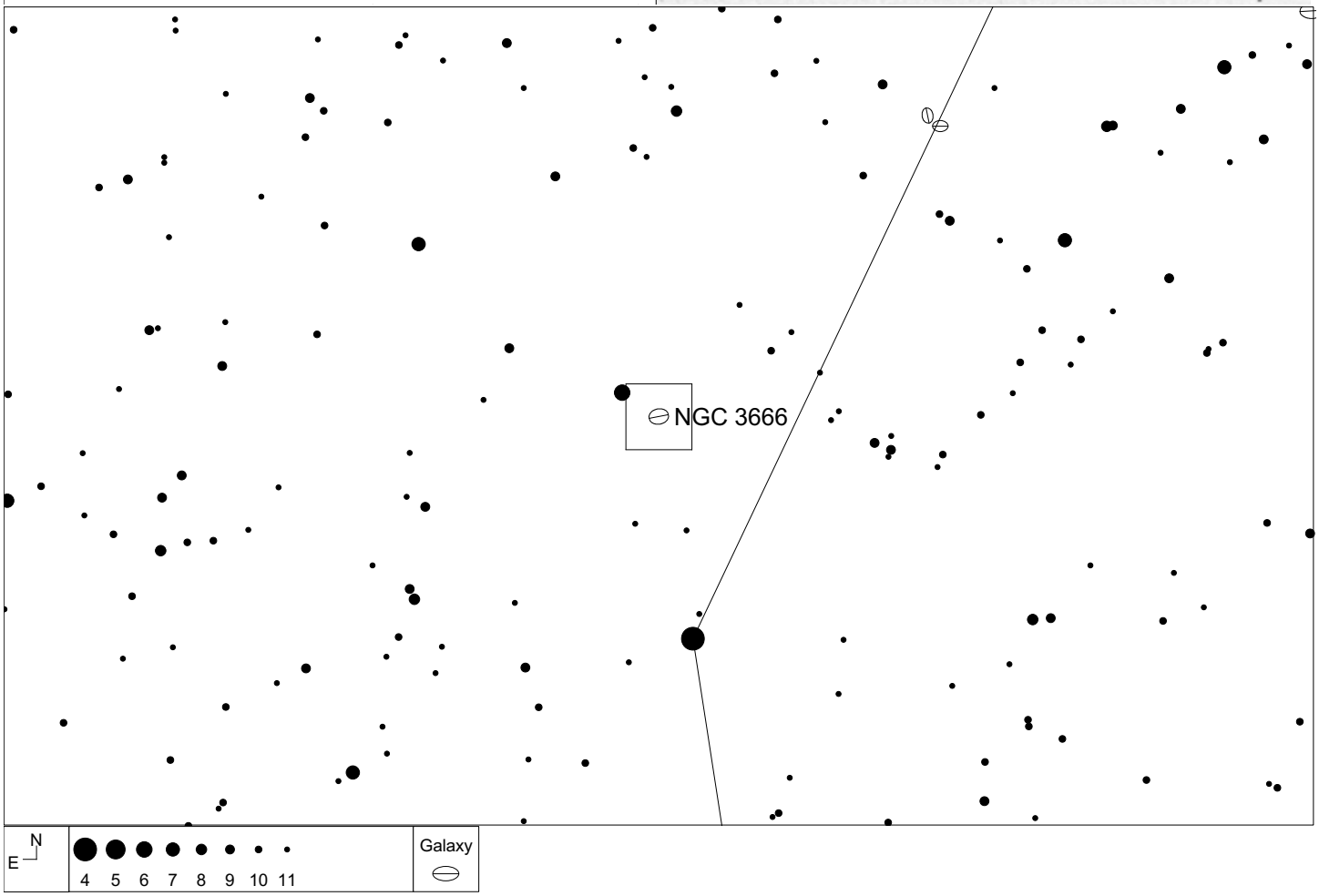


Herschel	RA	Dec	Mag	Size	Type
H II 521	11 17 30.1	+04 33 19	12.8b	2.1 x 1.7’	G SA(s)a pec

NGC 3666 (Leo)

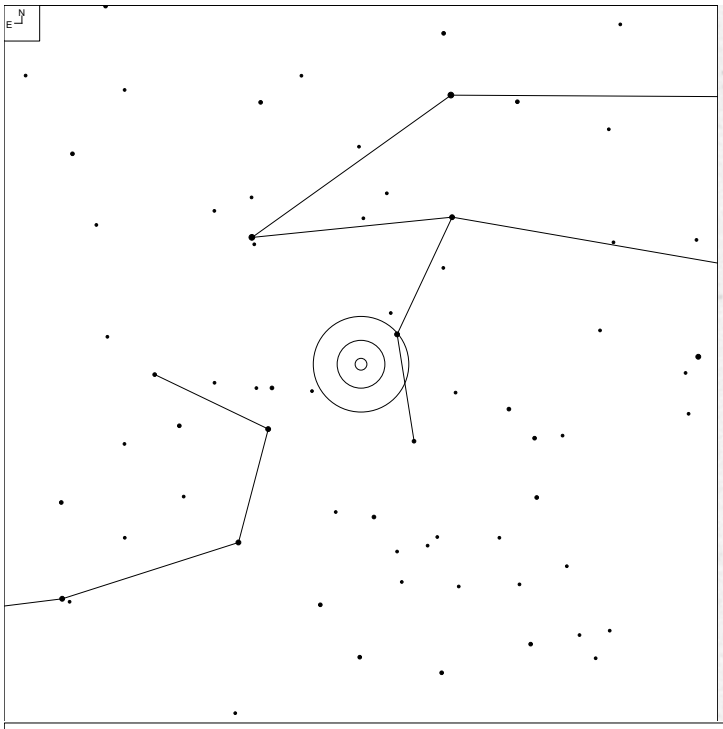


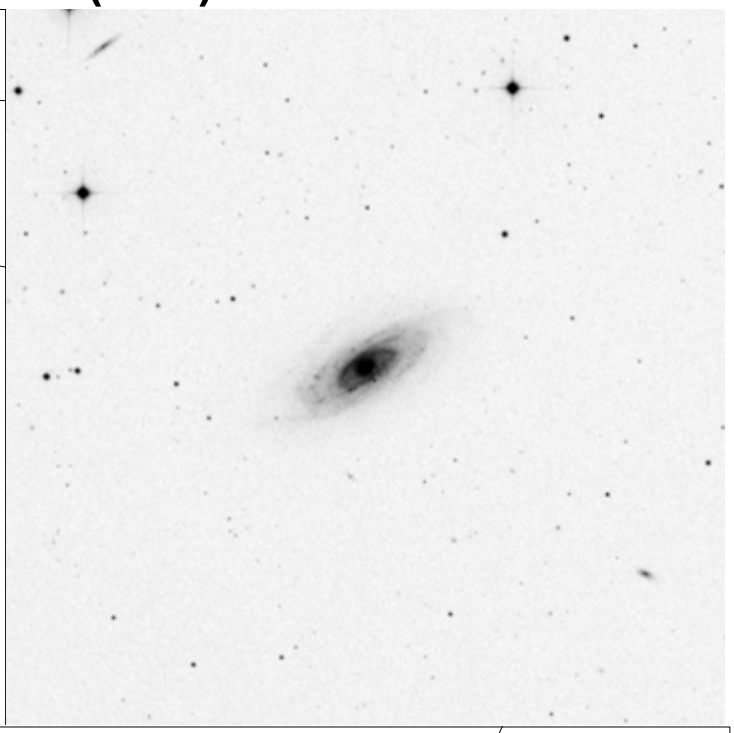


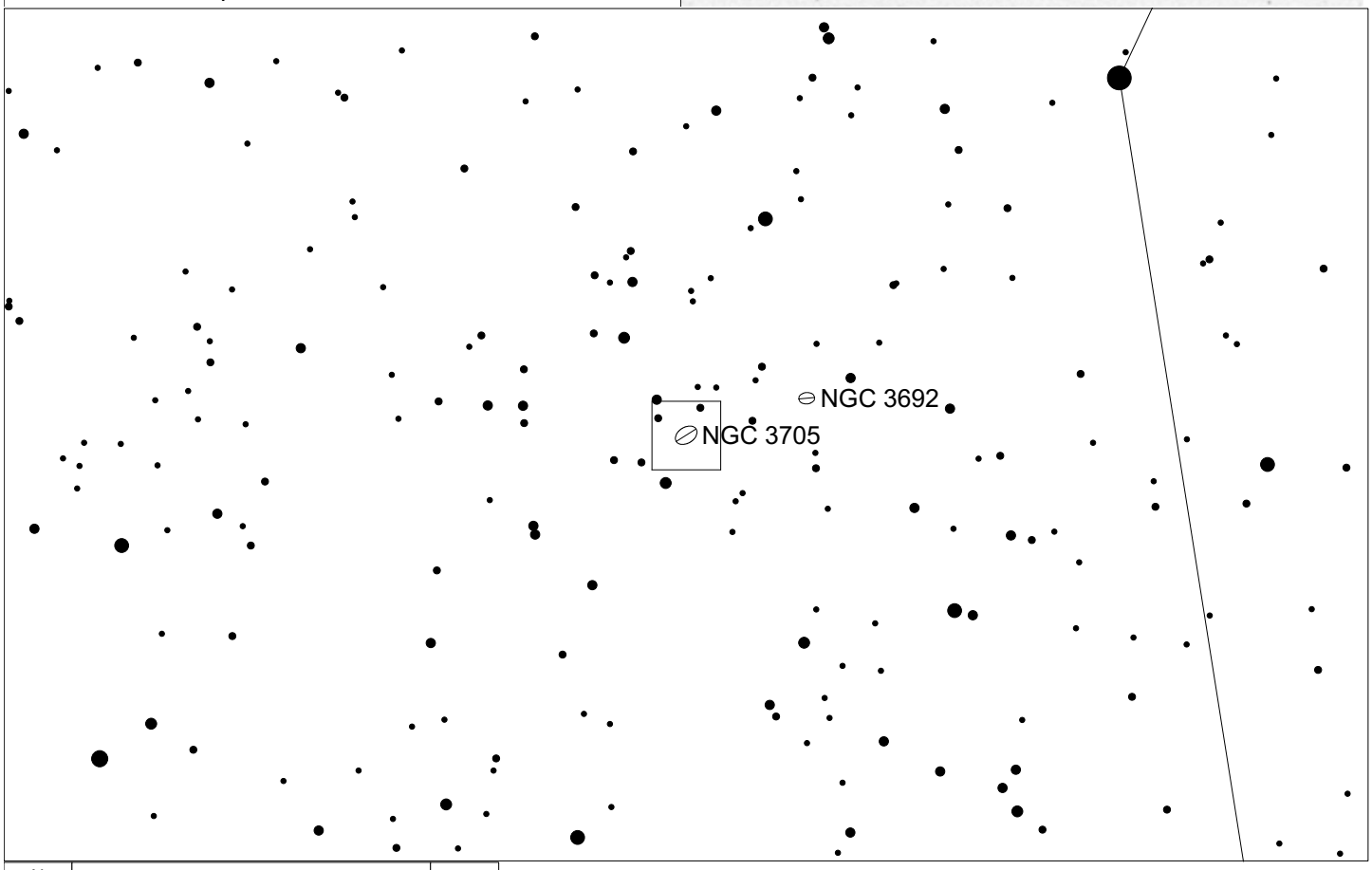


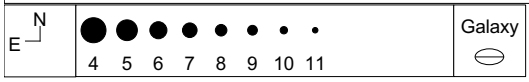
Herschel	RA	Dec	Mag	Size	Type
H I 20	11 24 26.2	+11 20 31	12	4.4x1.2	G SA(rs)c:

NGC 3705 (Leo)



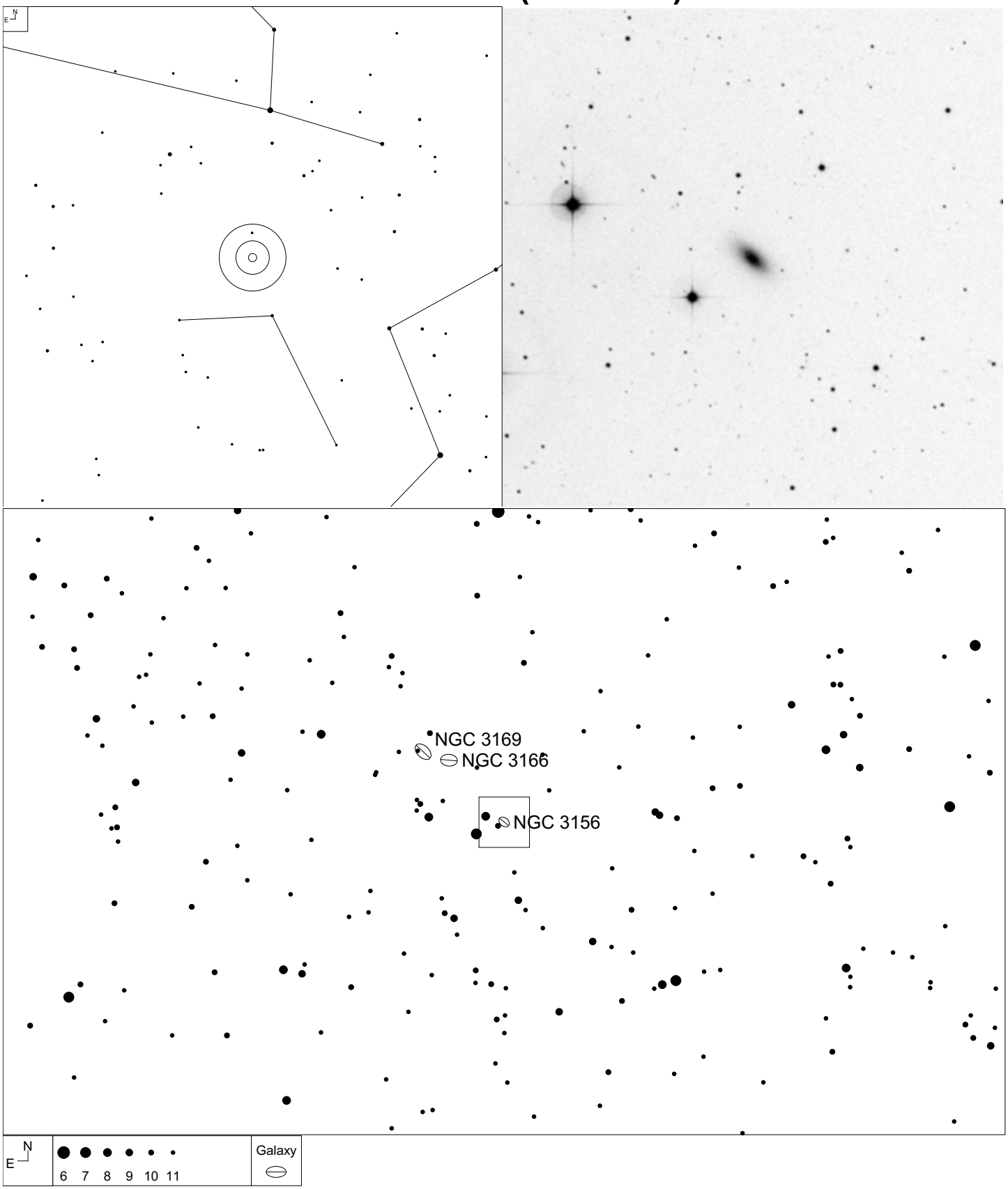






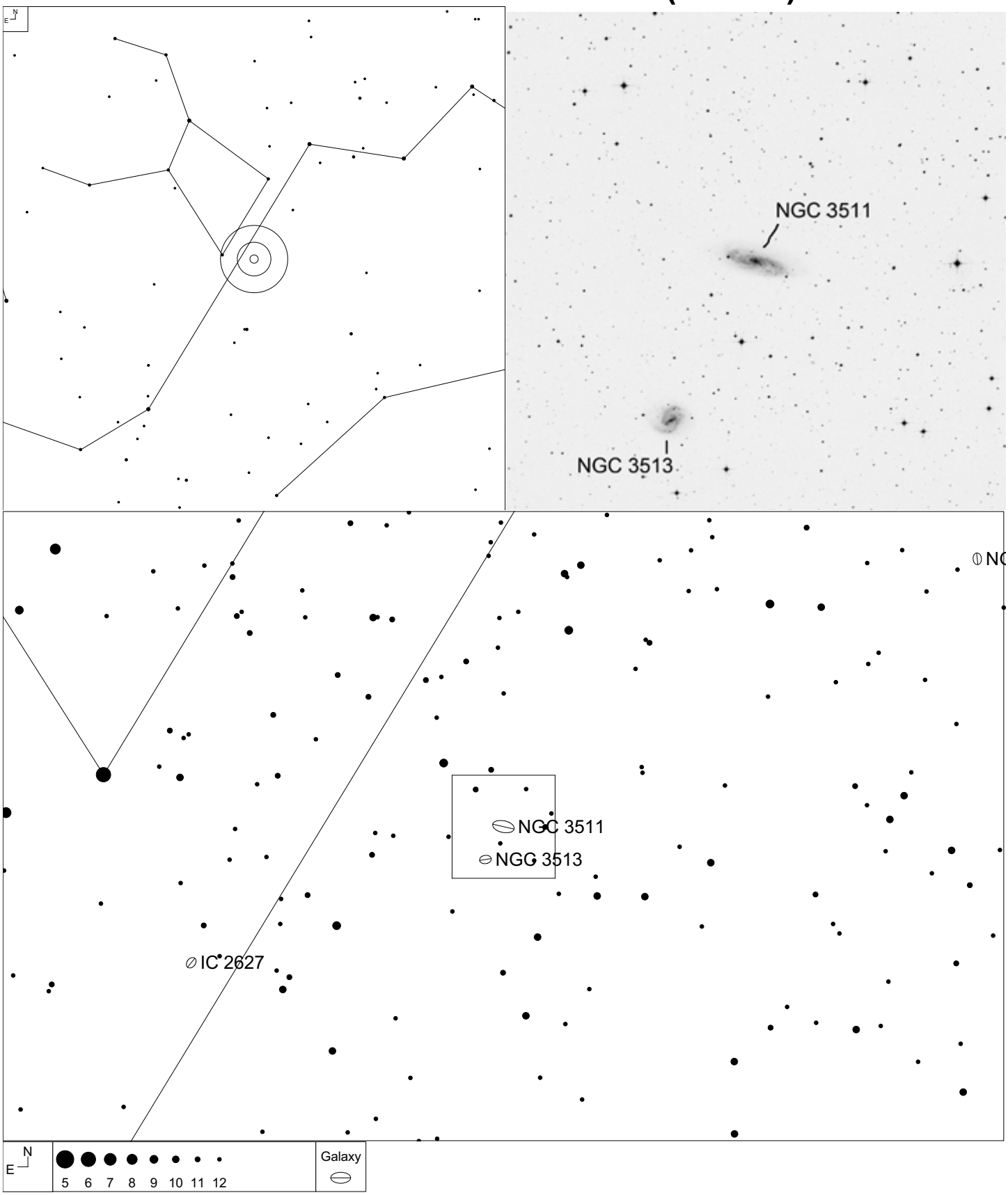
Herschel	RA	Dec	Mag	Size	Type
H II 13	11 30 07.4	+09 16 37	11.9b	4.9 x 2.0’	G SAB(r)ab

NGC 3156 (Sextans)



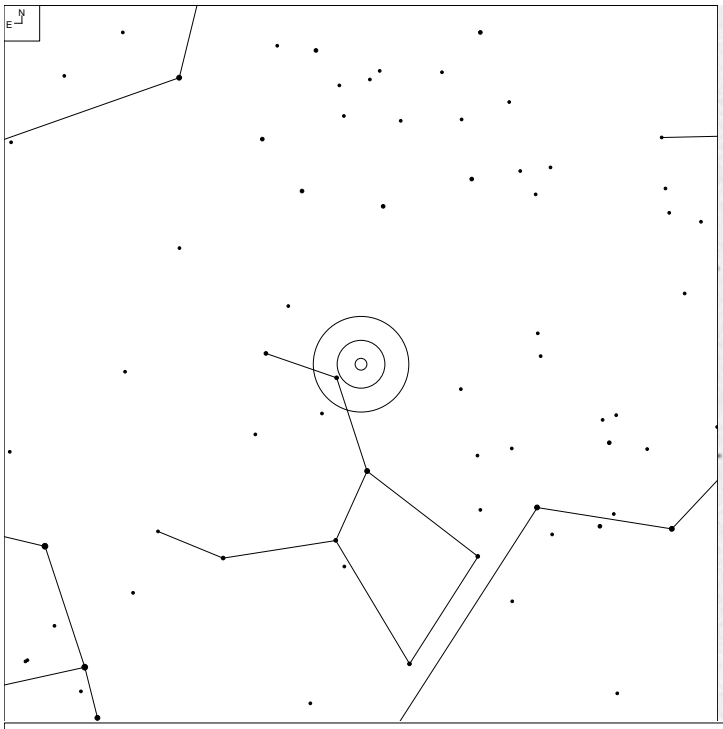
Herschel	RA	Dec	Mag	Size	Type
H III 255	10 12 41.2	+03 07 45	13.1b	2.2 x 1.0’	G S0:

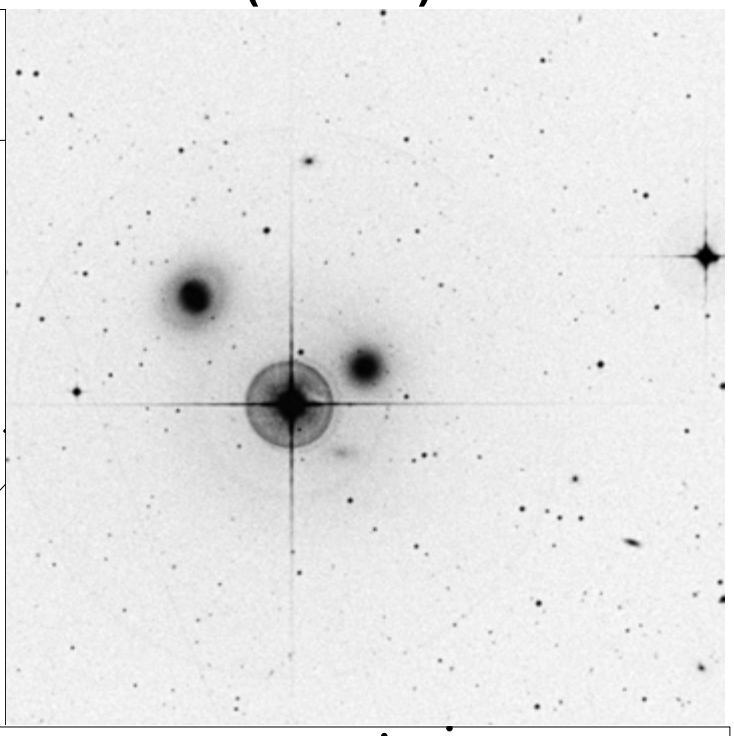
NGC 3511 and NGC 3513 (Crater)

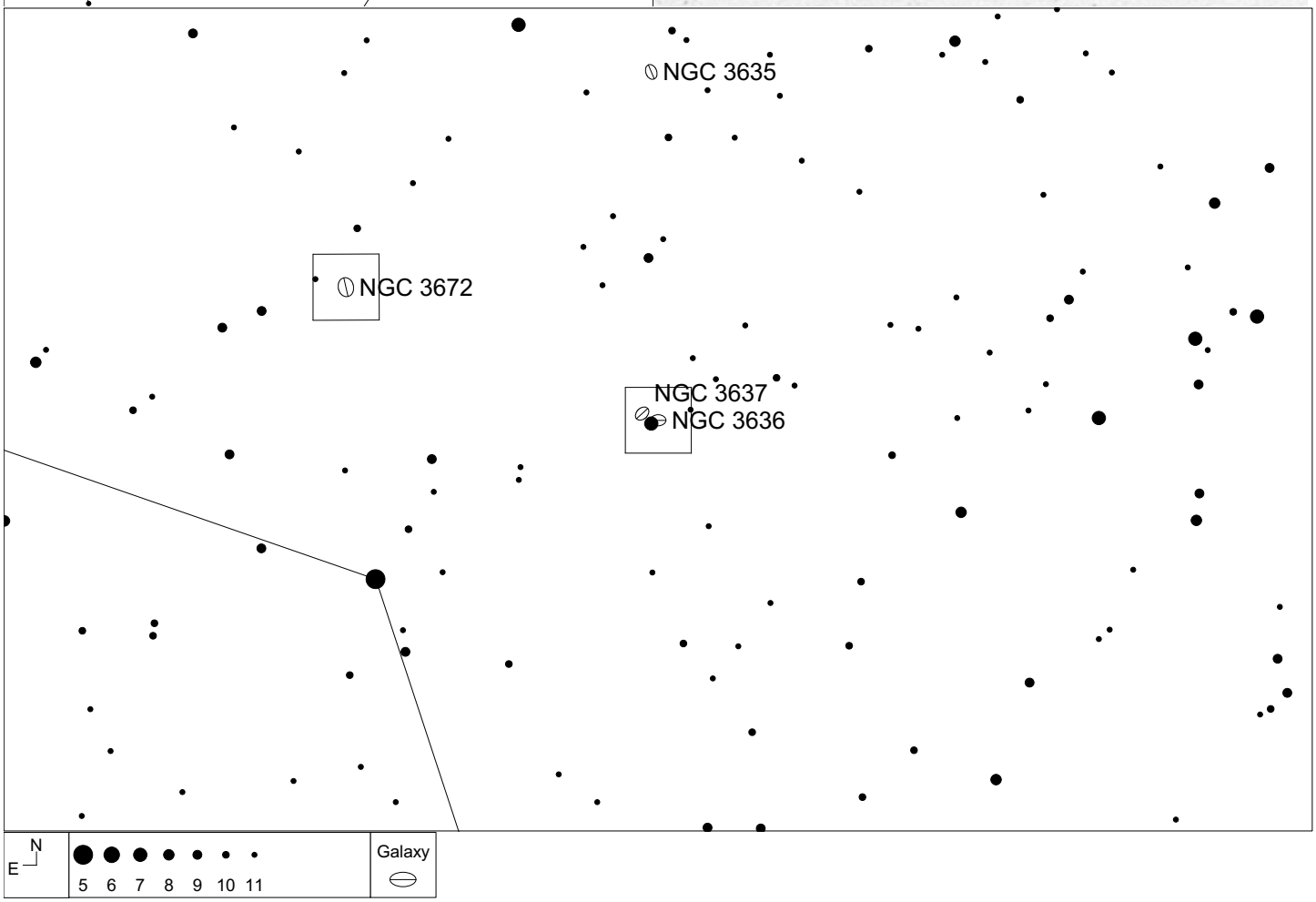


Herschel	RA	Dec	Mag	Size	Type
H V 39	11 03 23.7	-23 05 11	10.9v	6.2 x 2.1’	G SA(s)c
H V 40	11 03 46.0	-23 14 38	11.4v	3.0 x 2.3’	G SB(rs)c

NGC 3636 and NGC 3637 (Crater)

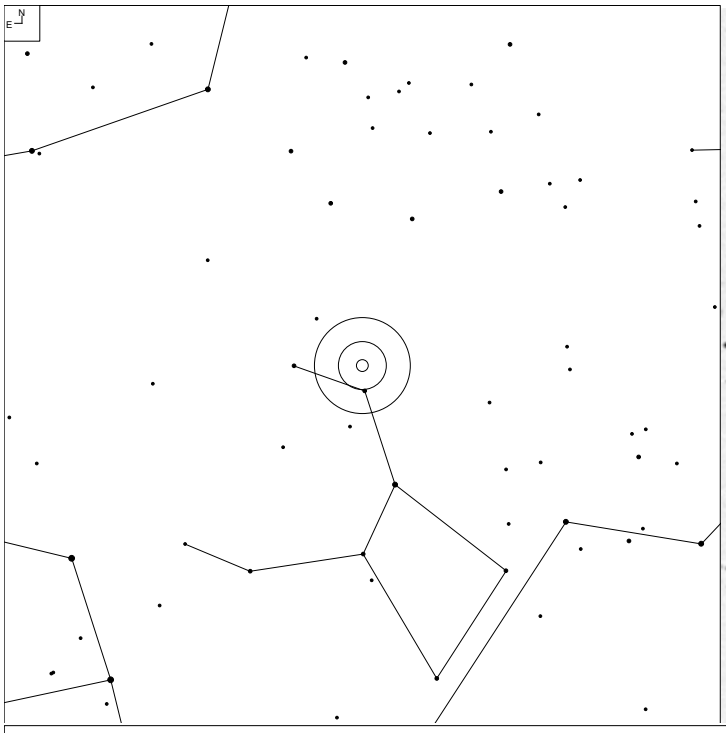


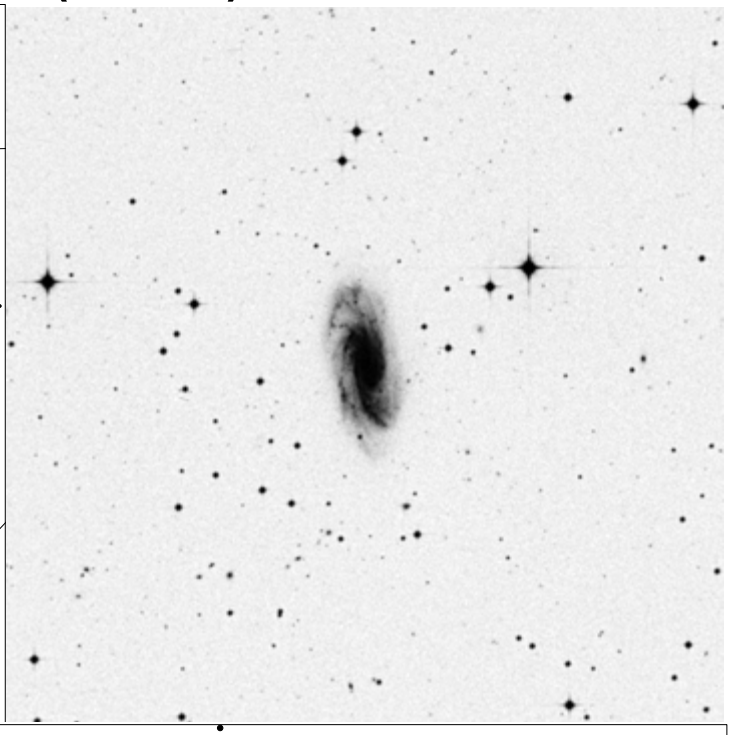


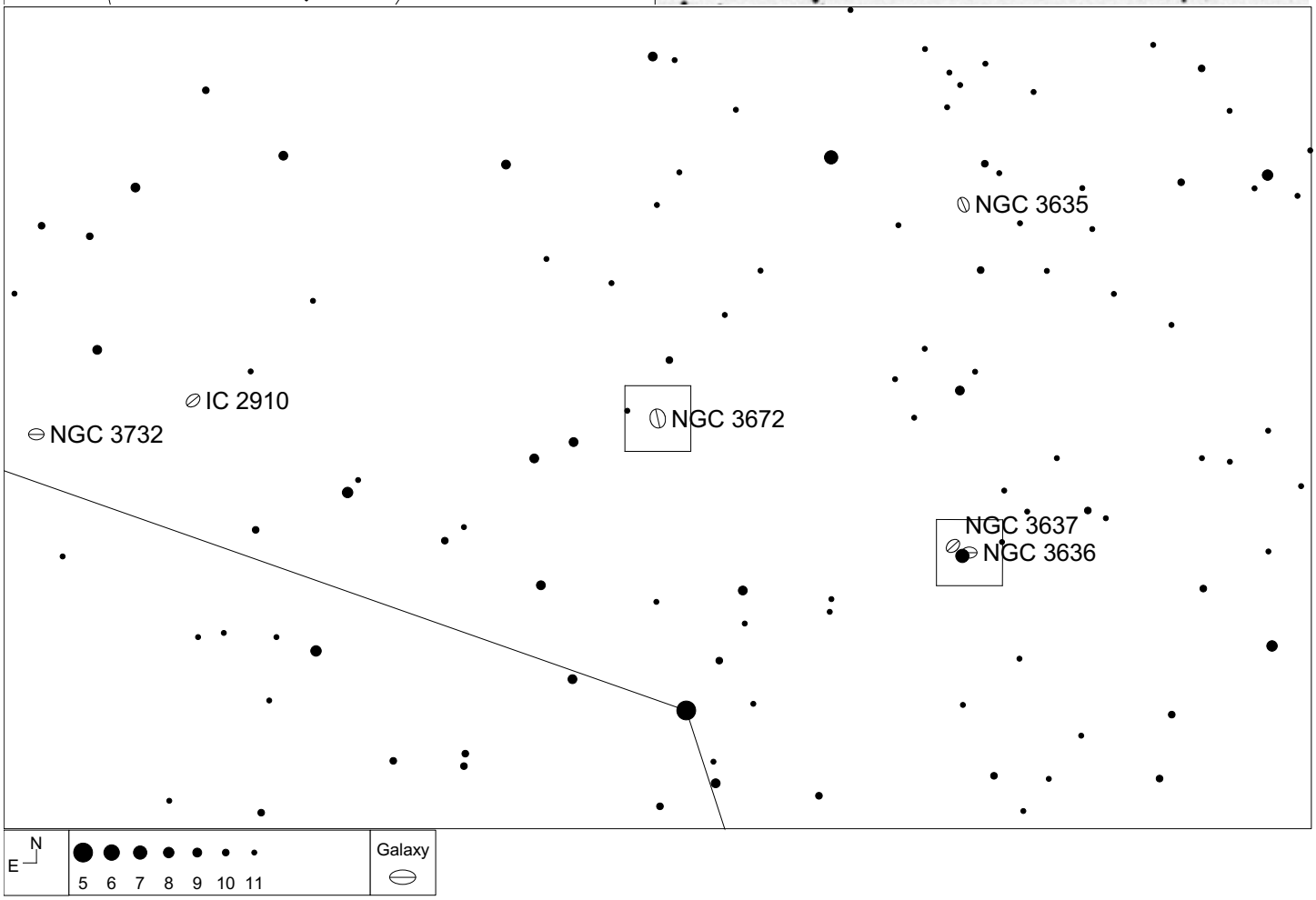


Herschel	RA	Dec	Mag	Size	Type
H II 550	11 20 25.1	-10 16 55	13.3b	1.3’	G E0
H II 551	11 20 39.5	-10 15 27	13.6b	1.8 x 1.5’	G (R)SB(r)0°

NGC 3672 (Crater)

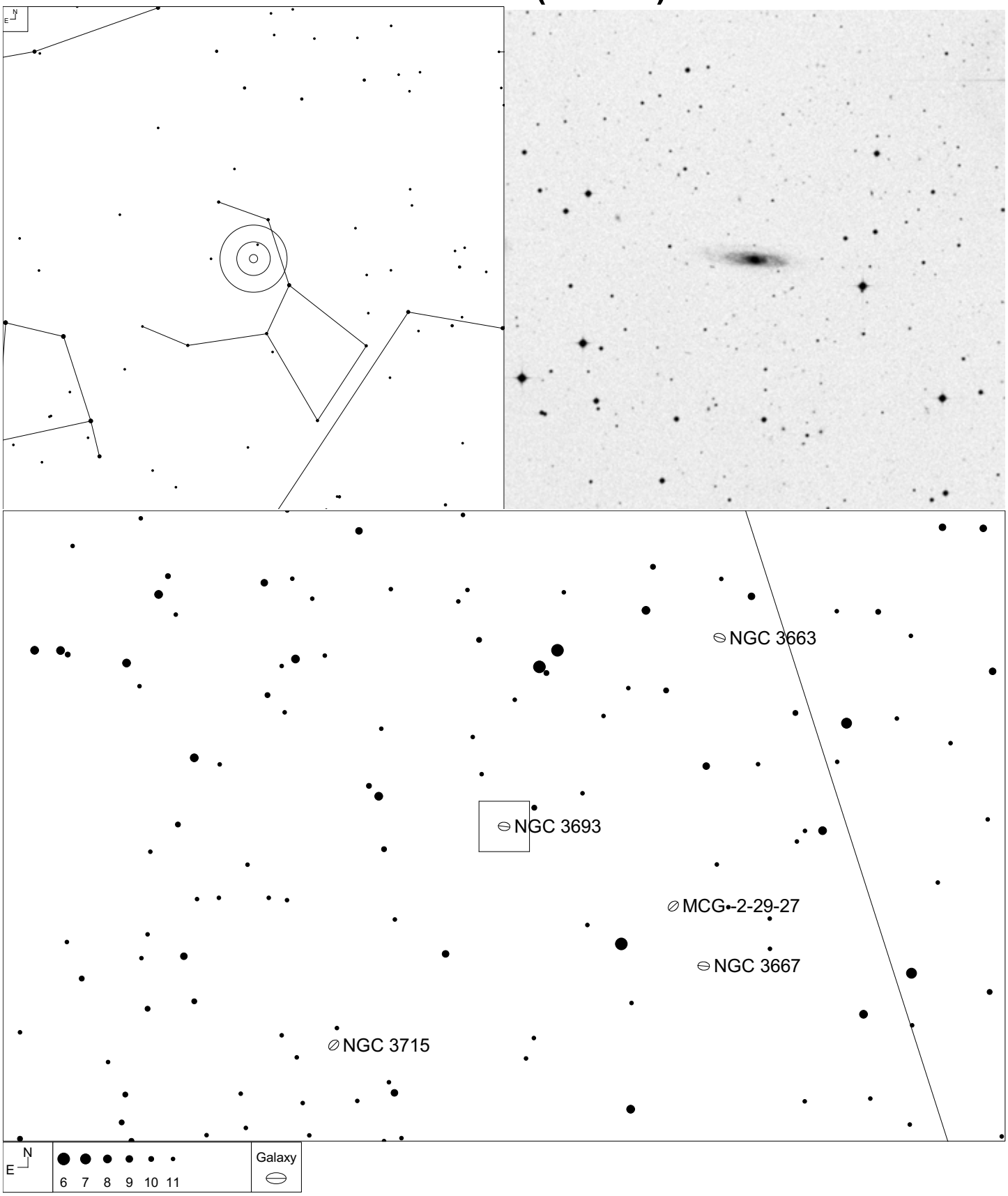






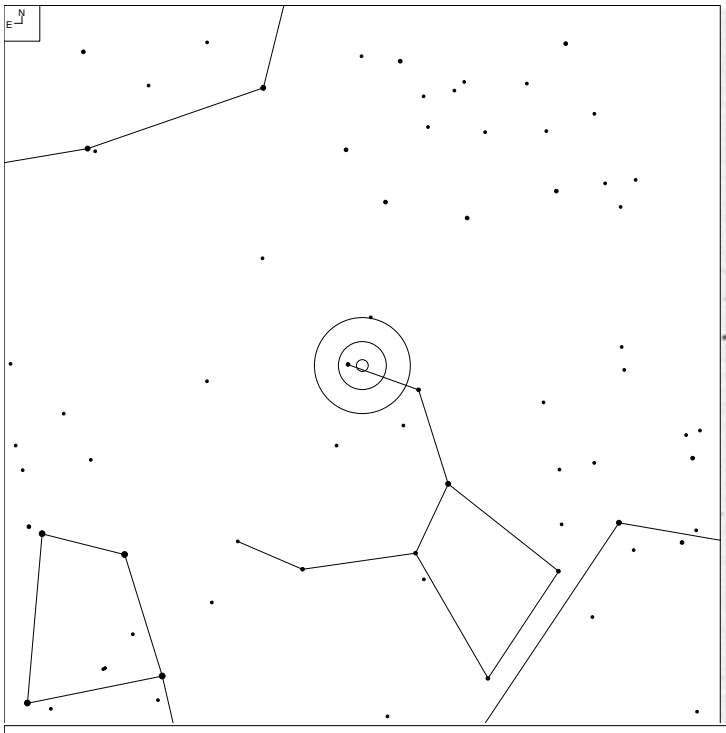
Herschel	RA	Dec	Mag	Size	Type
H I 131	11 25 02.5	-09 47 40	12.1b	4.1 x 1.9’	G SA(s)c

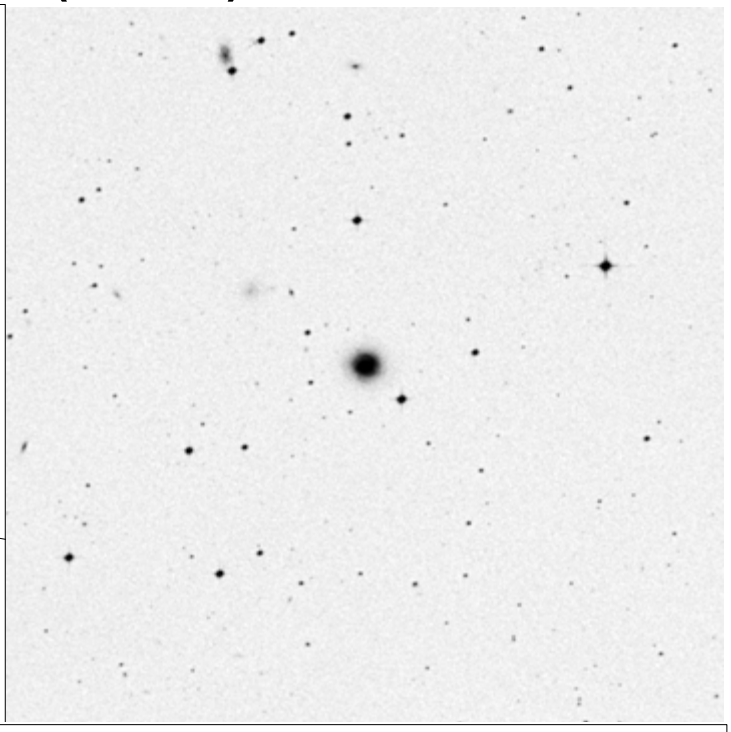
NGC 3693 (Crater)

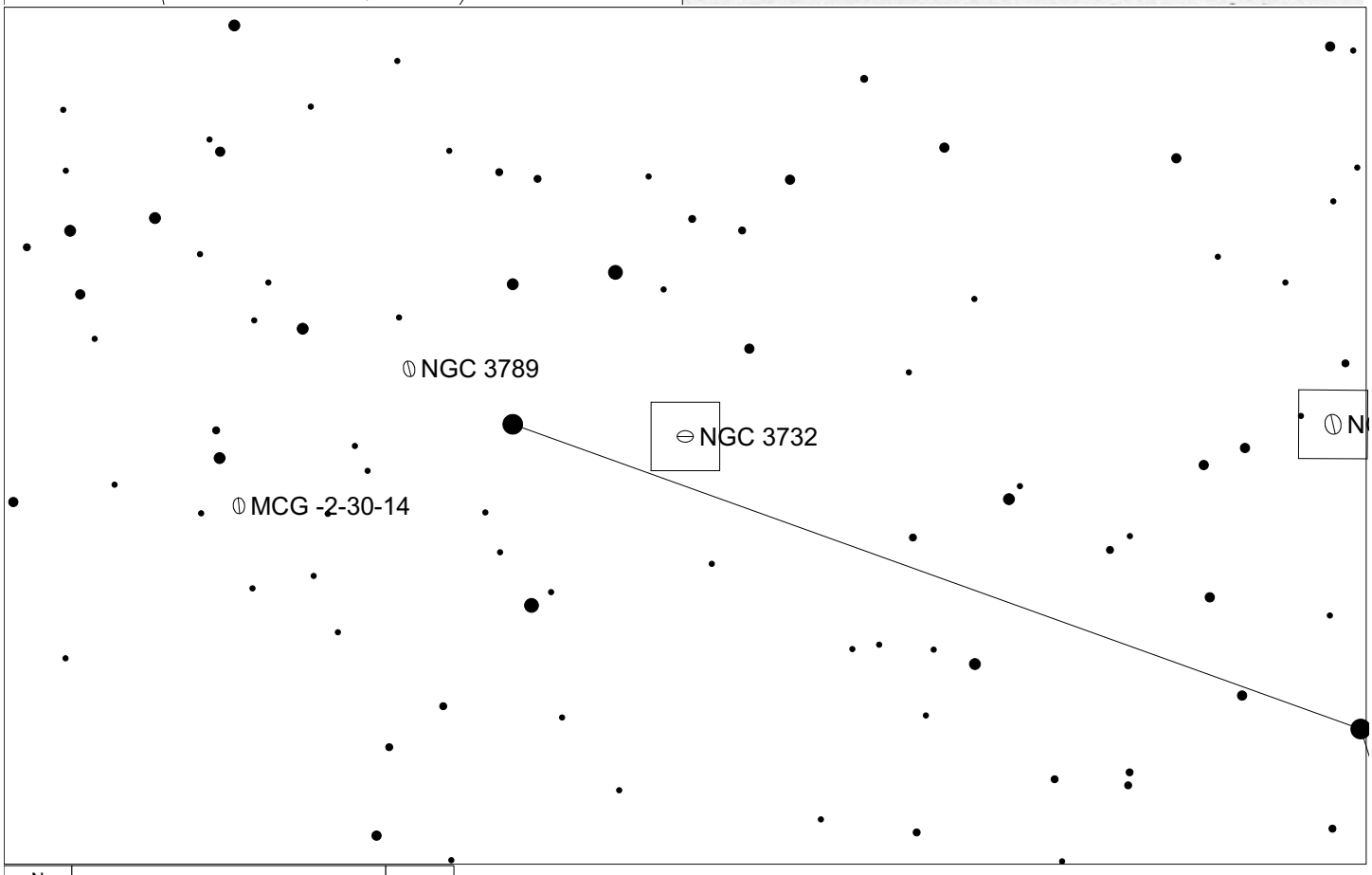


Herschel	RA	Dec	Mag	Size	Type
H III 532	11 28 11.5	-13 11 41	13.1	3.2 x 0.6’	G (R’)SA(r)b

NGC 3732 (Crater)

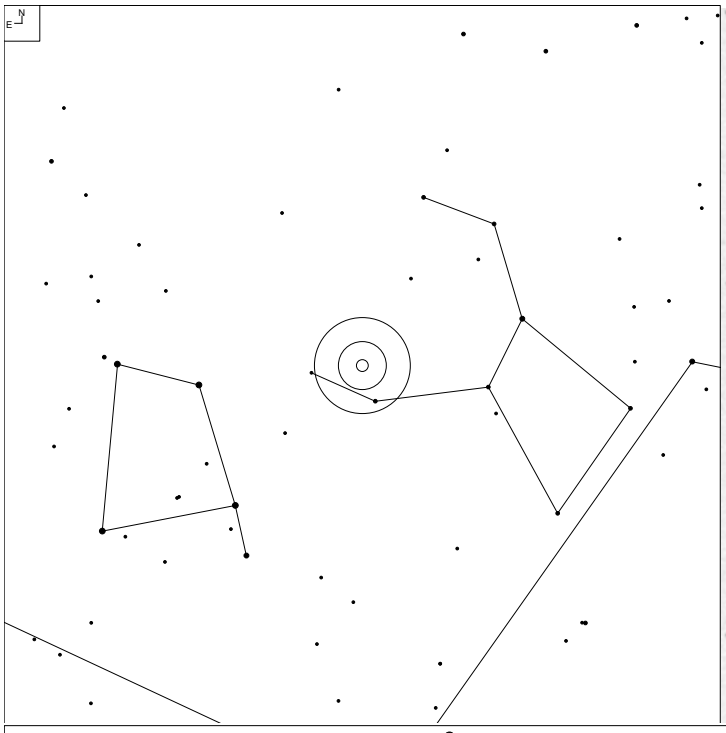


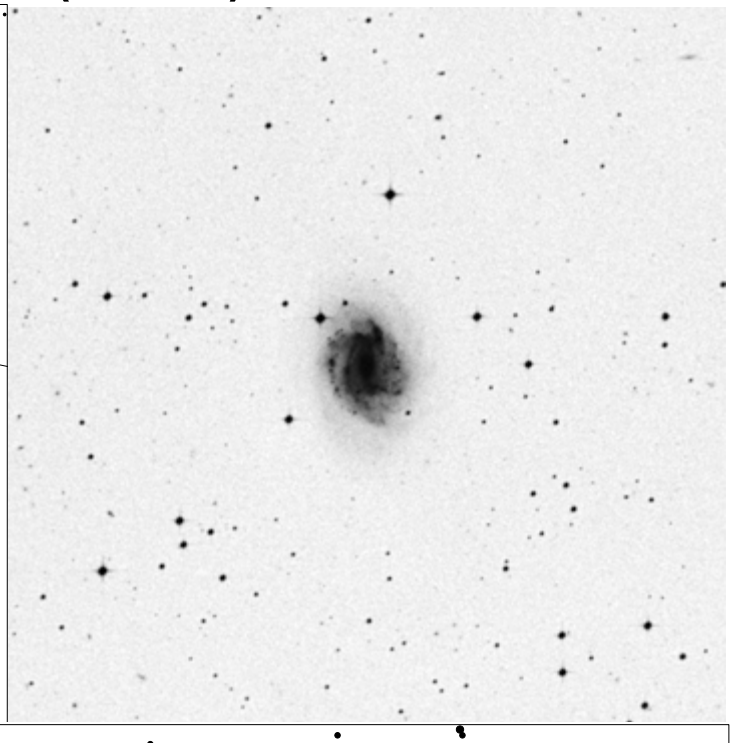


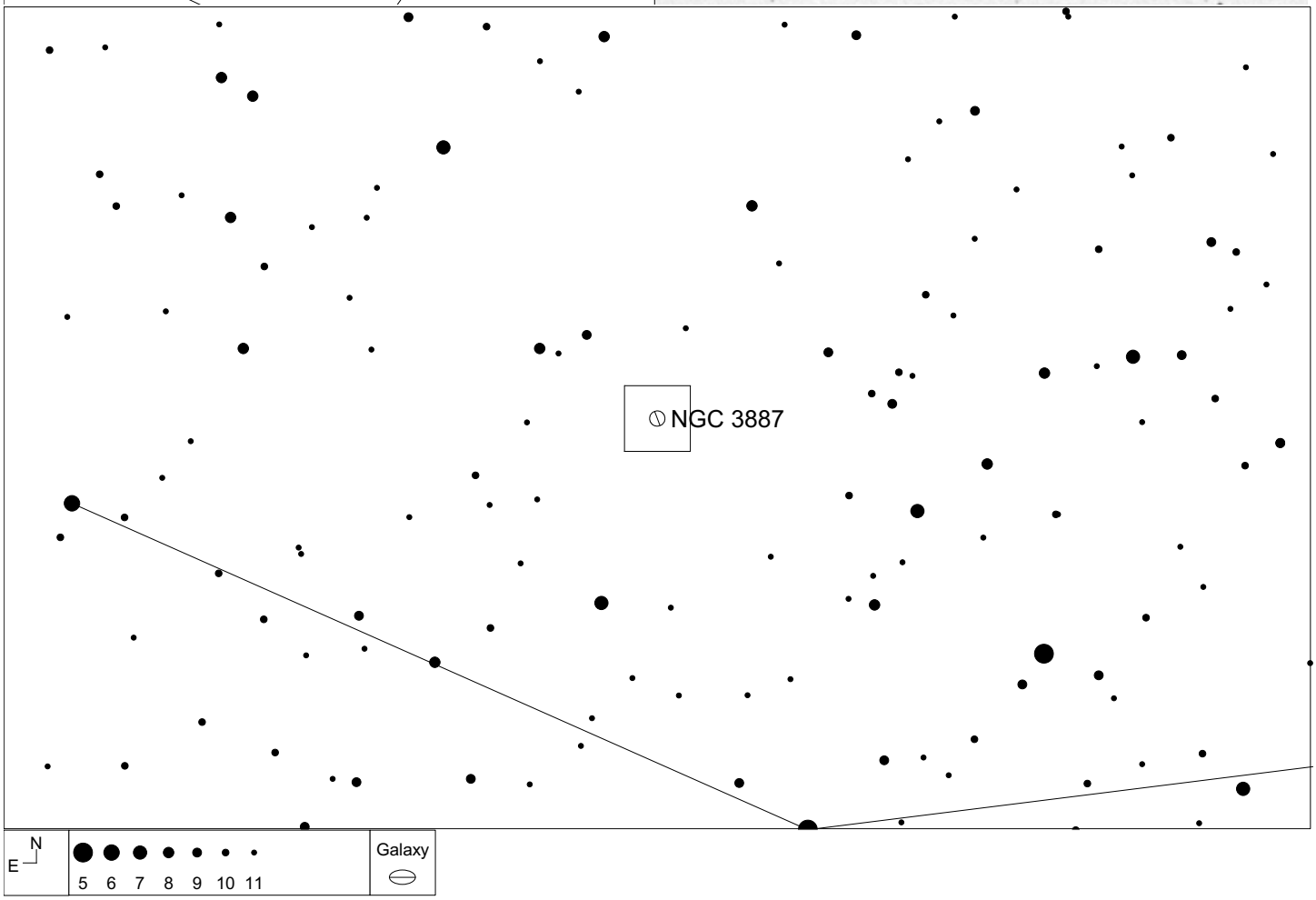


Herschel	RA	Dec	Mag	Size	Type
H II 552	11 34 13.9	-09 50 44	12.5v	1.2 x 1.2’	G SAB(s)0/a:

NGC 3887 (Crater)

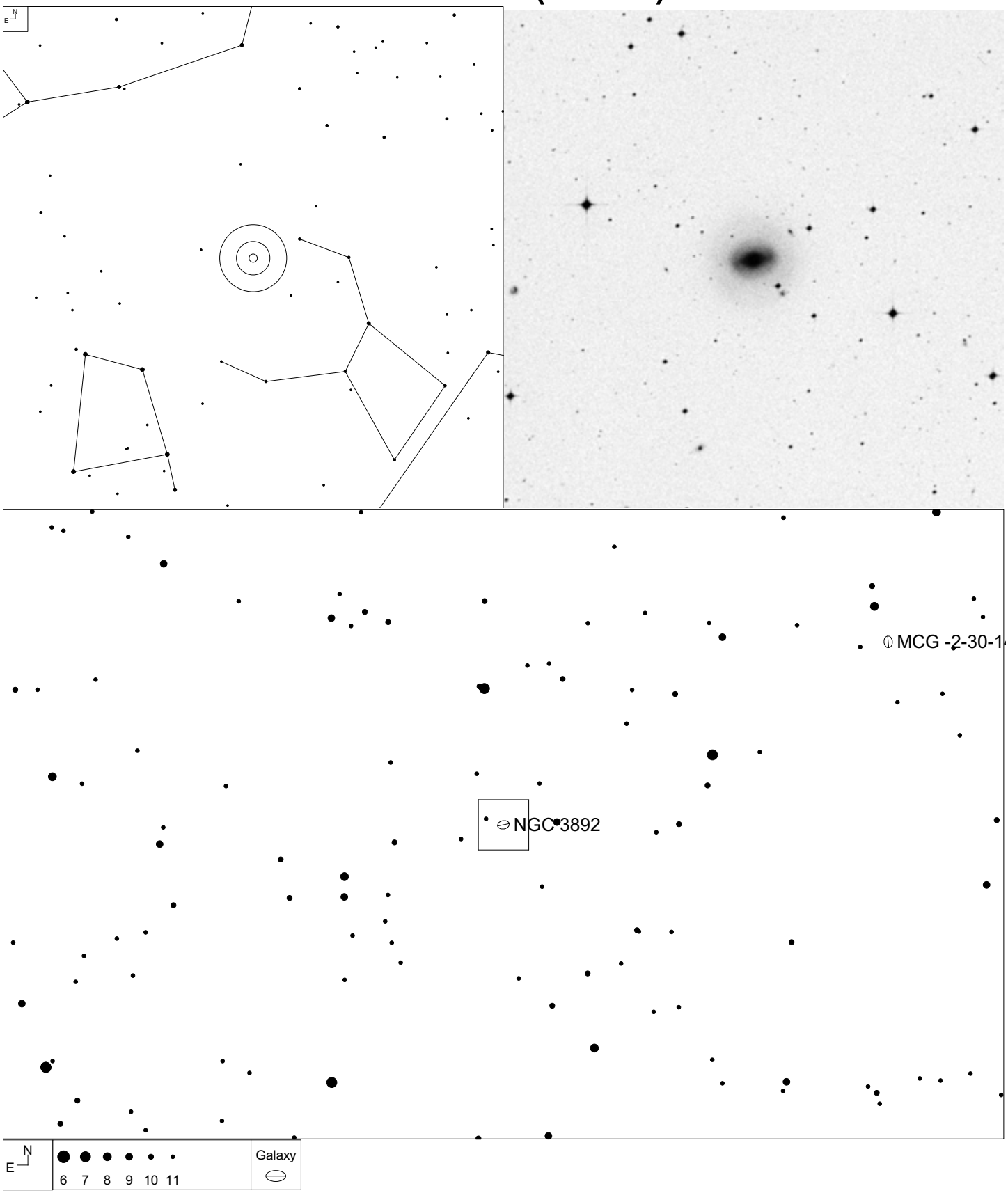






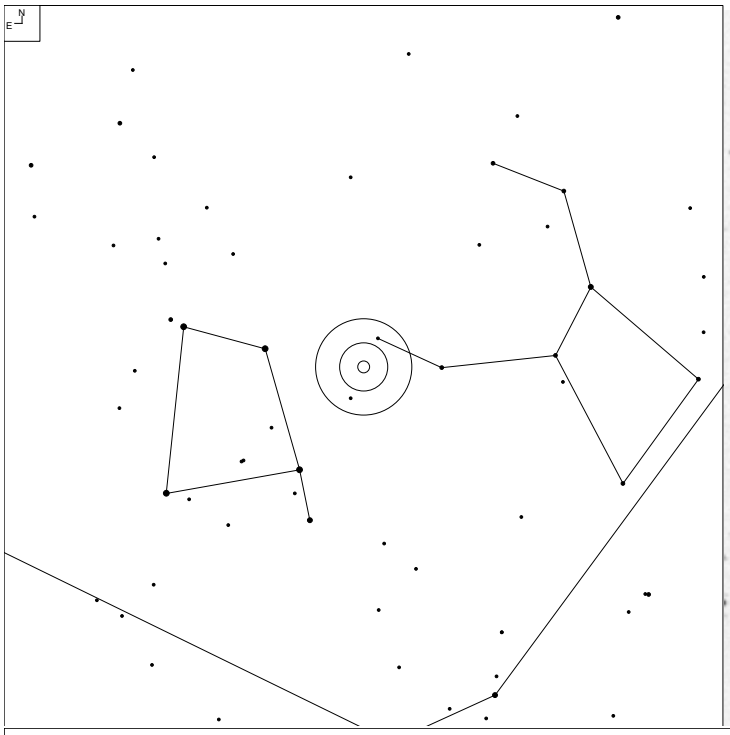
Herschel	RA	Dec	Mag	Size	Type
H I 120	11 47 04.7	-16 51 16	11.4b	3.3 x 2.5’	G SB(r)bc

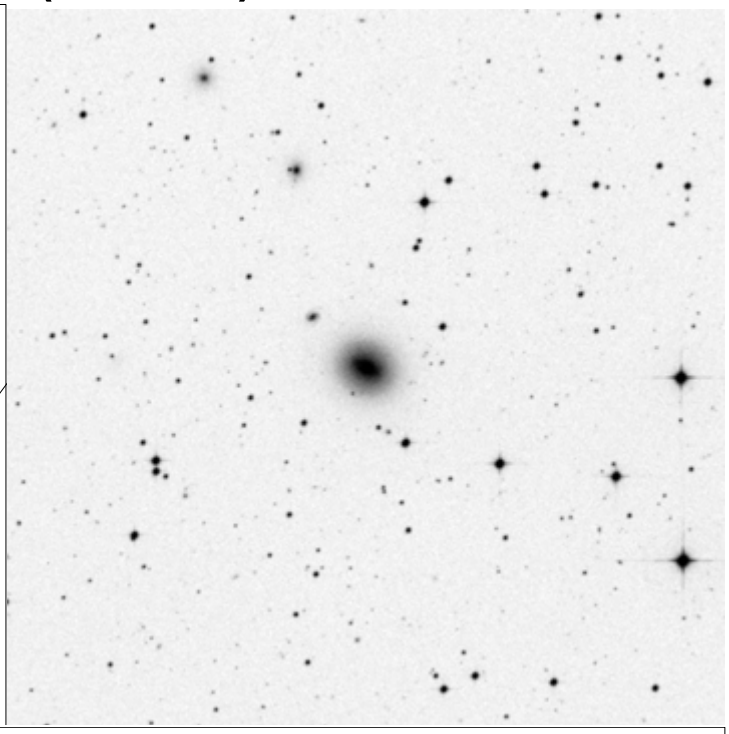
NGC 3892 (Crater)

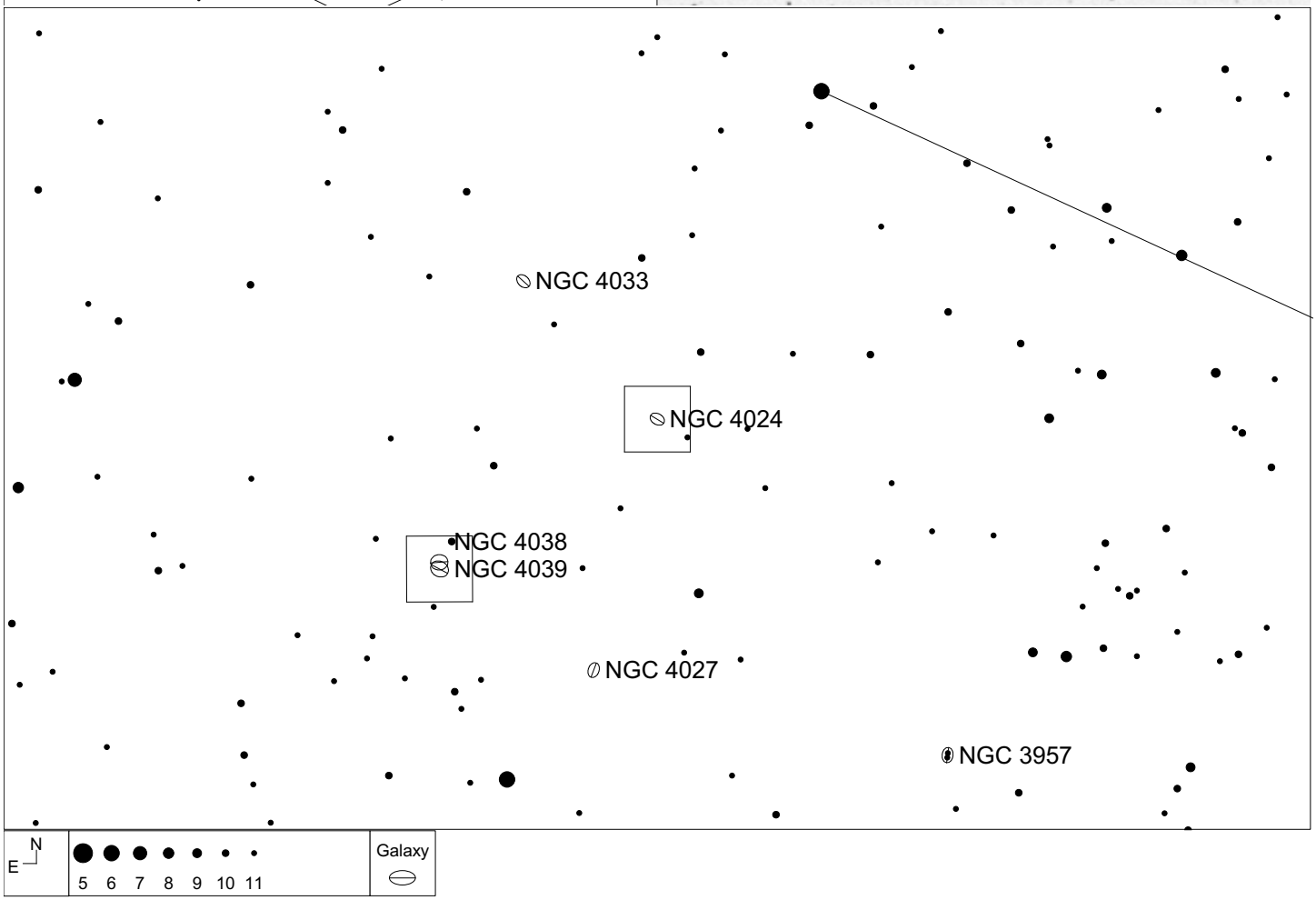


Herschel	RA	Dec	Mag	Size	Type
H II 553	11 48 00.9	-10 57 43	12.5p	2.9 x 2.4’	G SB(rs)0+

NGC 4024 (Corvus)

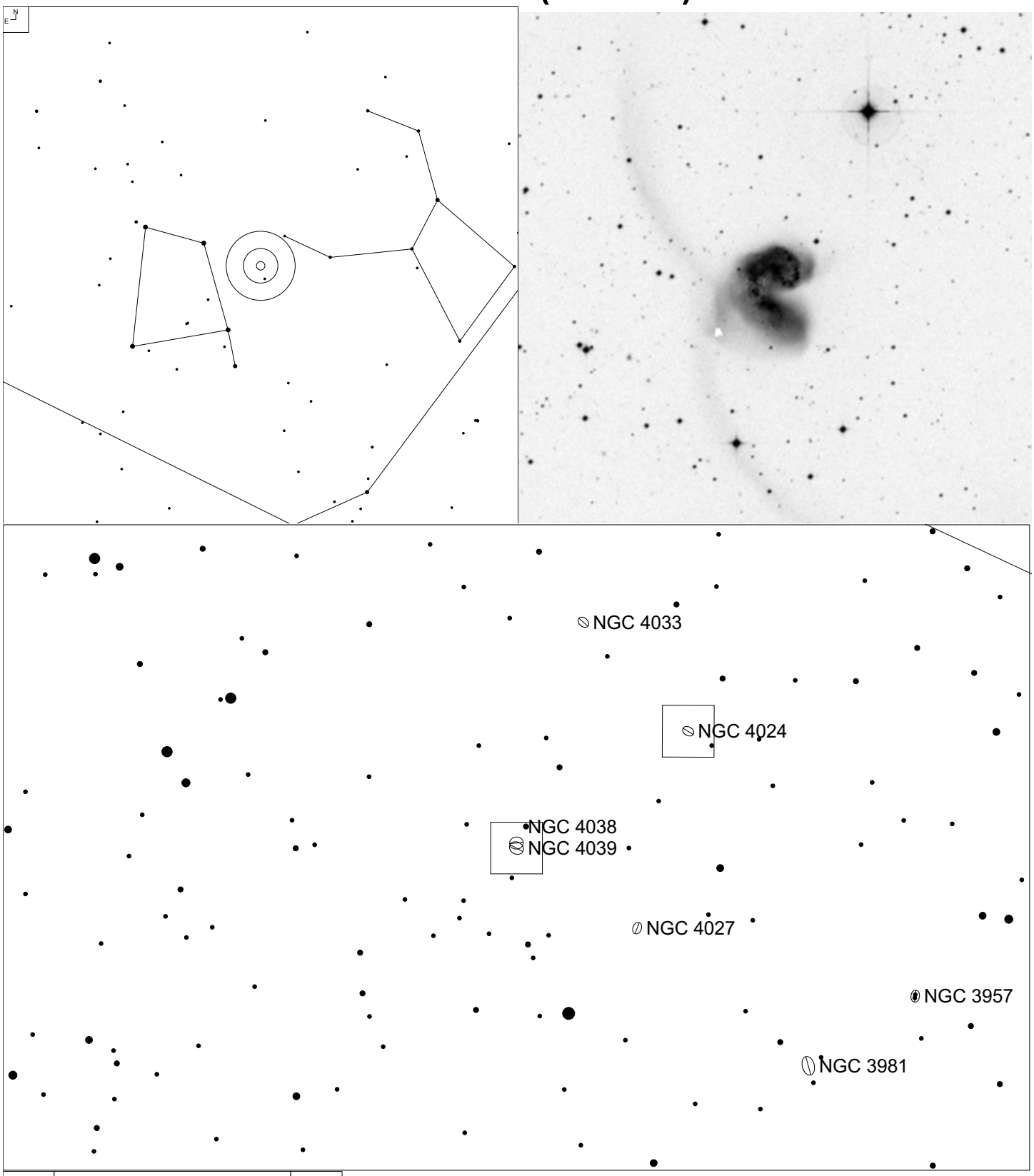






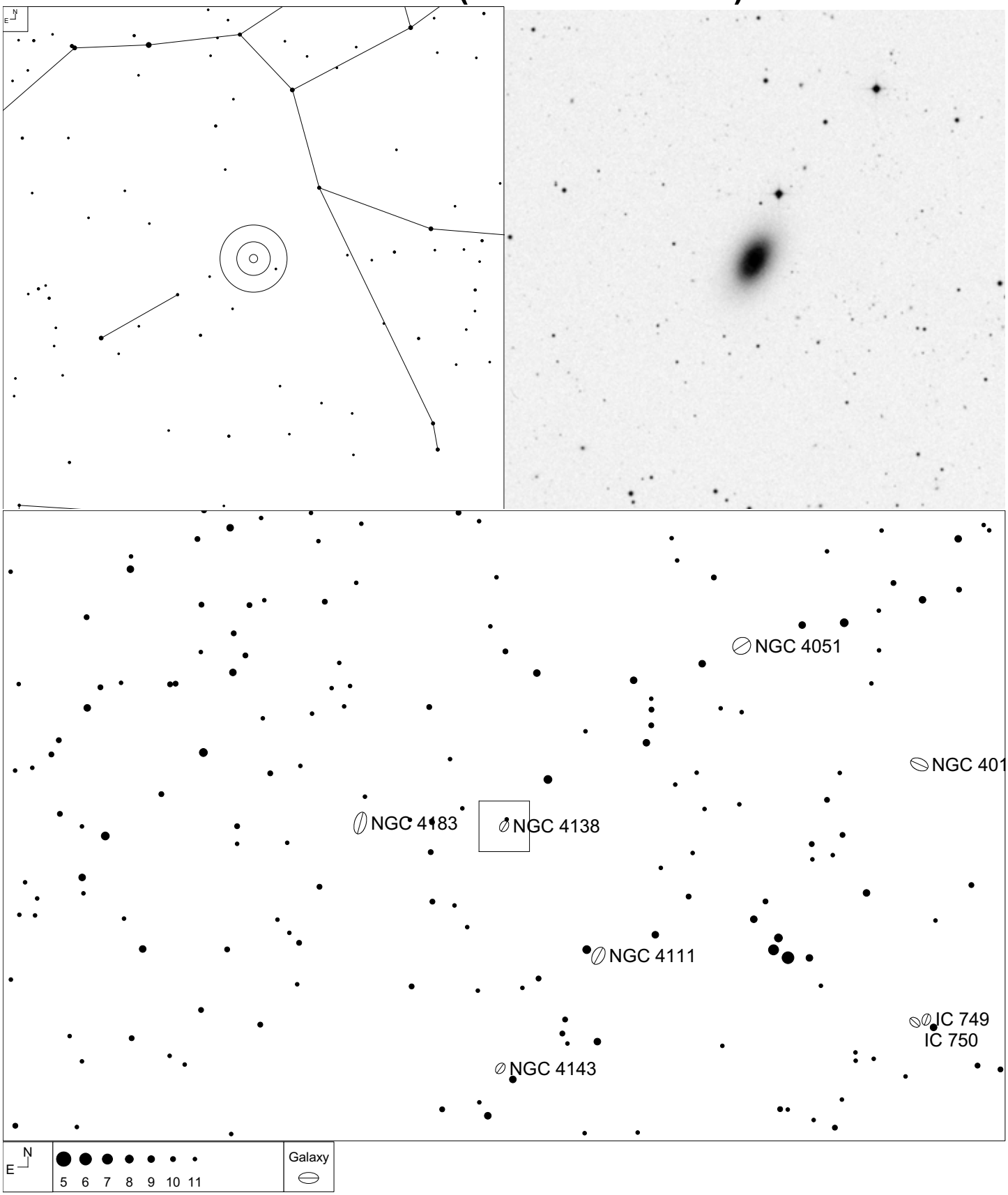
Herschel	RA	Dec	Mag	Size	Type
H II 295	11 58 31.2	-18 20 50	11.7v	2.0 x 1.6’	G SAB0-

NGC 4039 (Corvus)



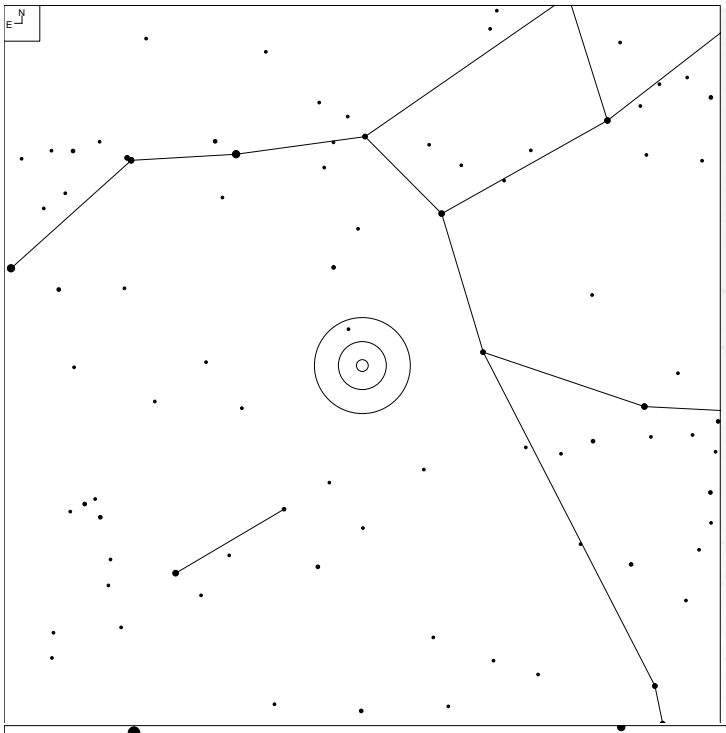
Herschel	RA	Dec	Mag	Size	Type
H IV 28.2	12 01 54.0	-18 53 03	11.1p	4.0 x 2.2’	G SA(s)m pec

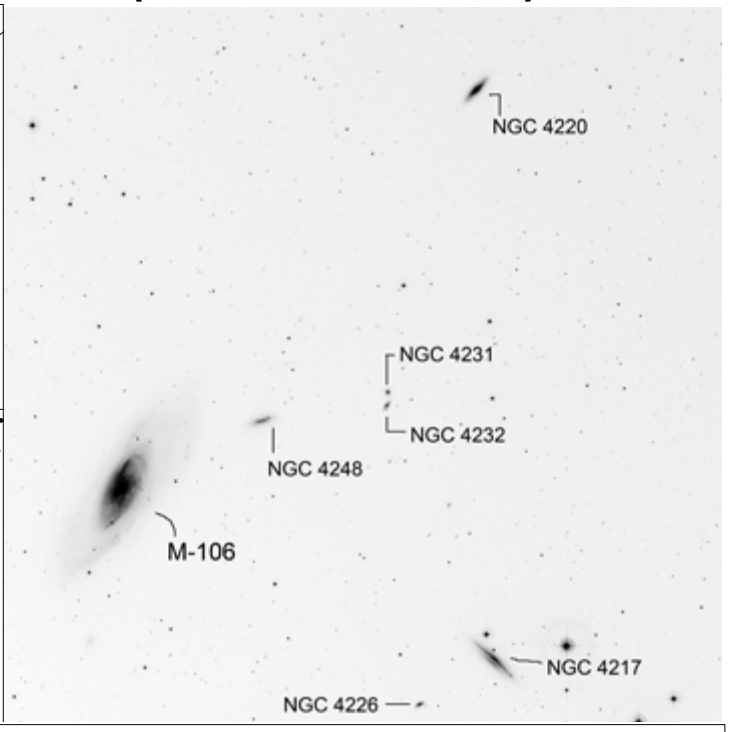
NGC 4138 (Canes Venatici)

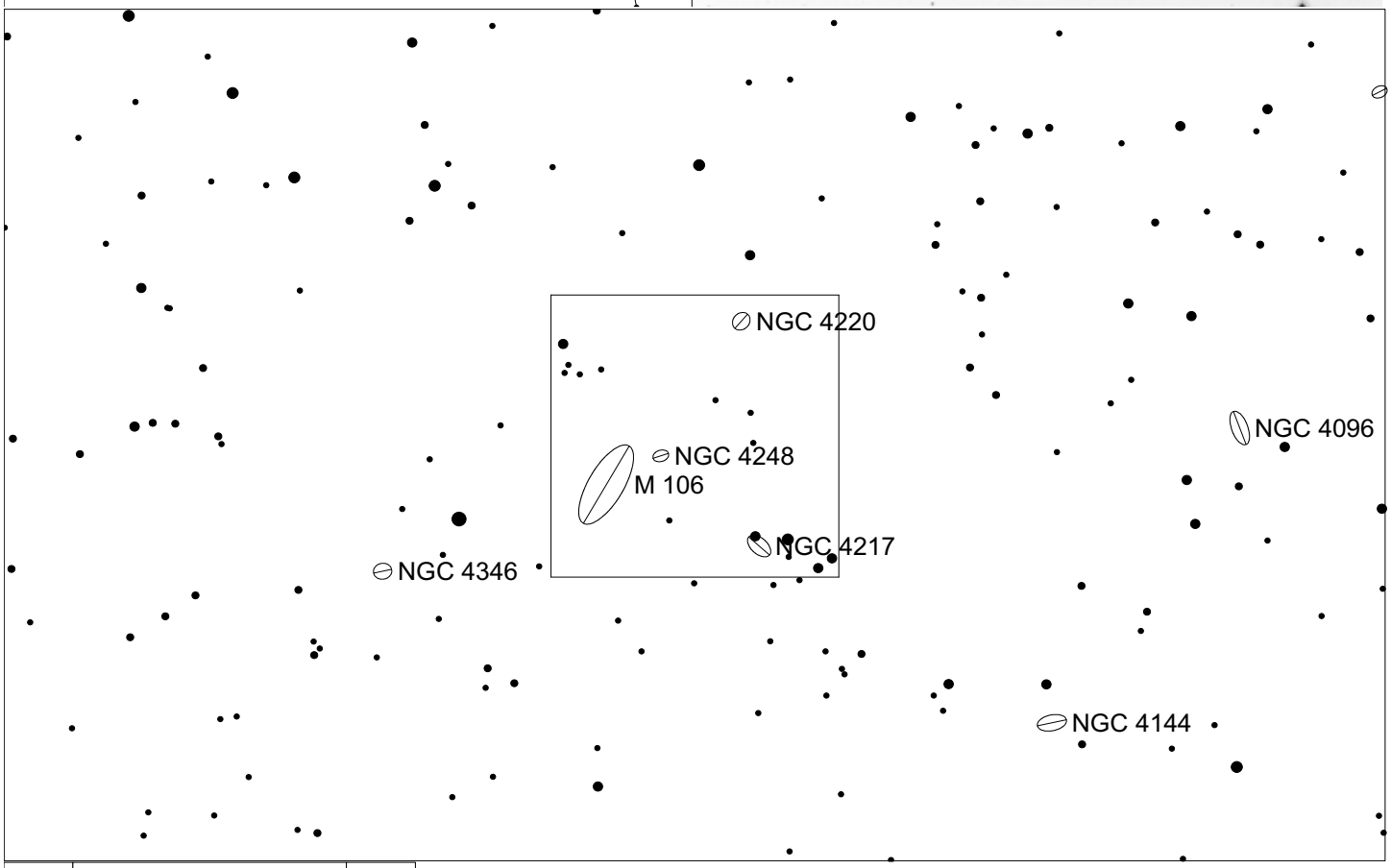


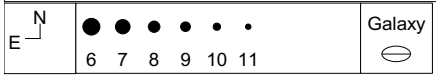
Herschel	RA	Dec	Mag	Size	Type
H I 196	12 09 29.9	+43 41 07	12.2b	3.0 x 2.4’	G SA(r)0+

NGC 4217, 4220 and 4248 (Canes Venatici)



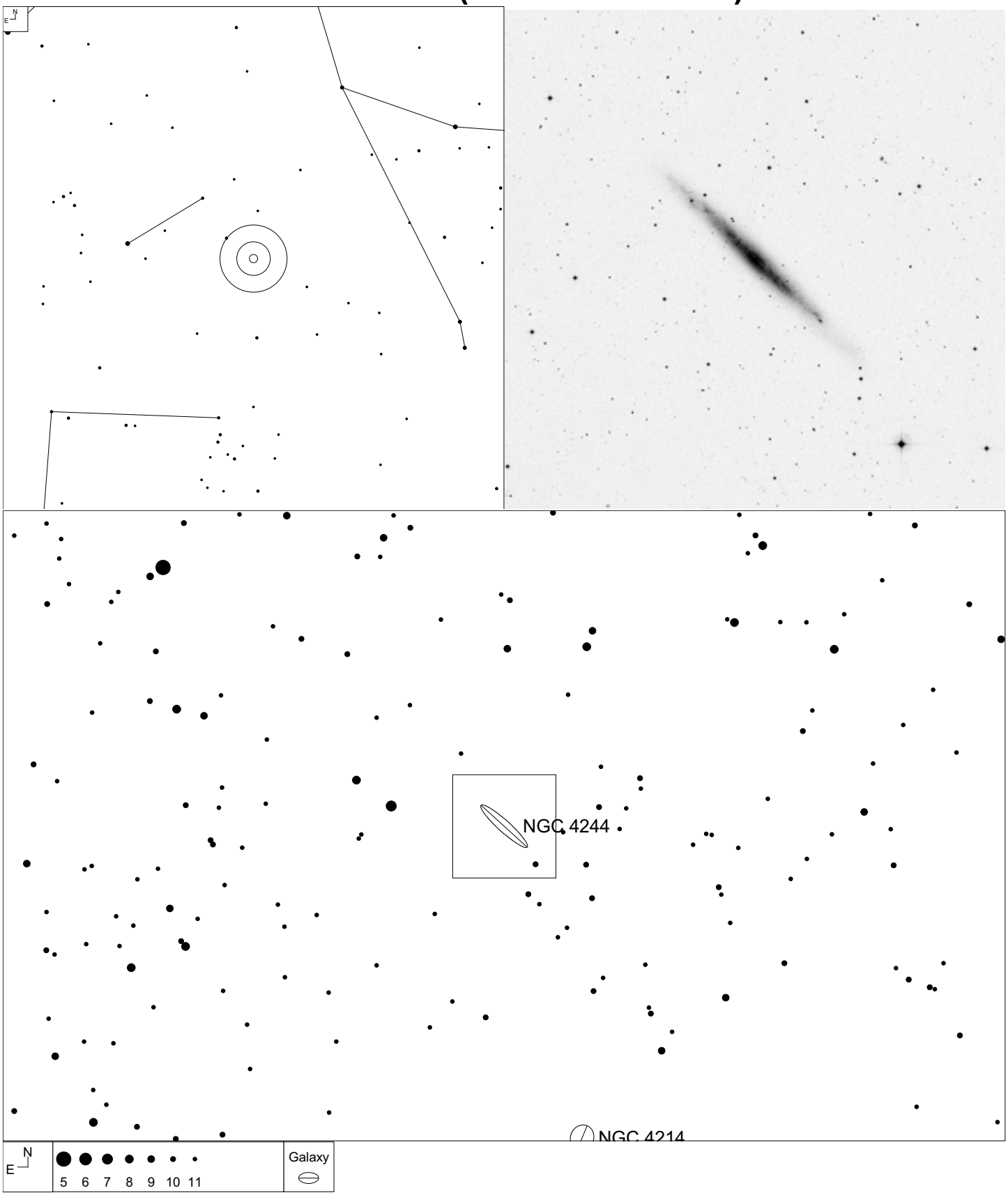






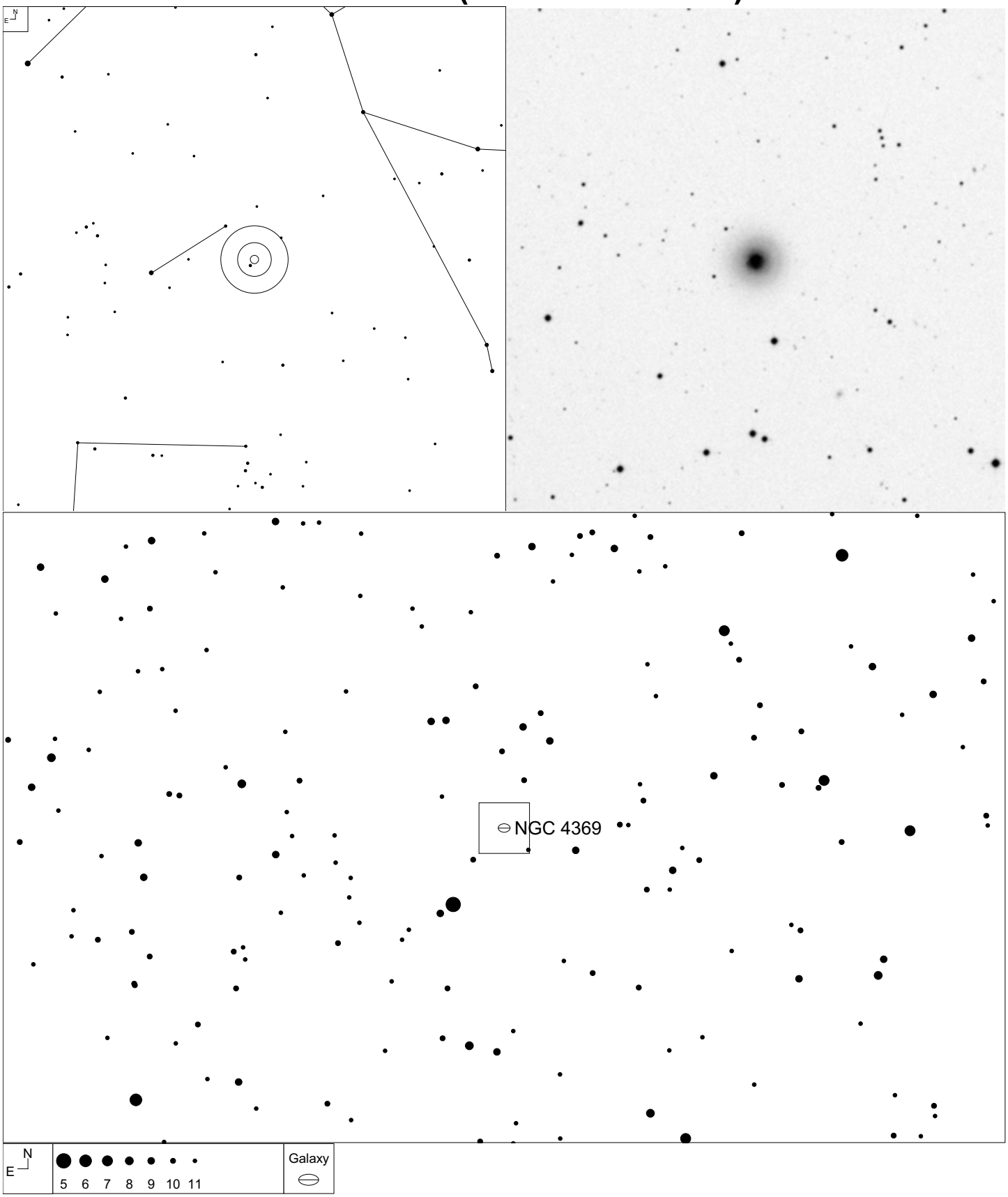
Herschel	RA	Dec	Mag	Size	Type
H II 748	12 15 50.6	+47 05 33	11.1v	5.7 x 1.6’	G SAb sp
H I 209	12 16 11.7	+47 53 00	12.3b	3.9 x 1.3’	G SA(r)0+
H II 742	12 17 50.4	+47 24 36	12.5v	3.1 x 1.1’	G I0 sp

NGC 4244 (Canes Venatici)



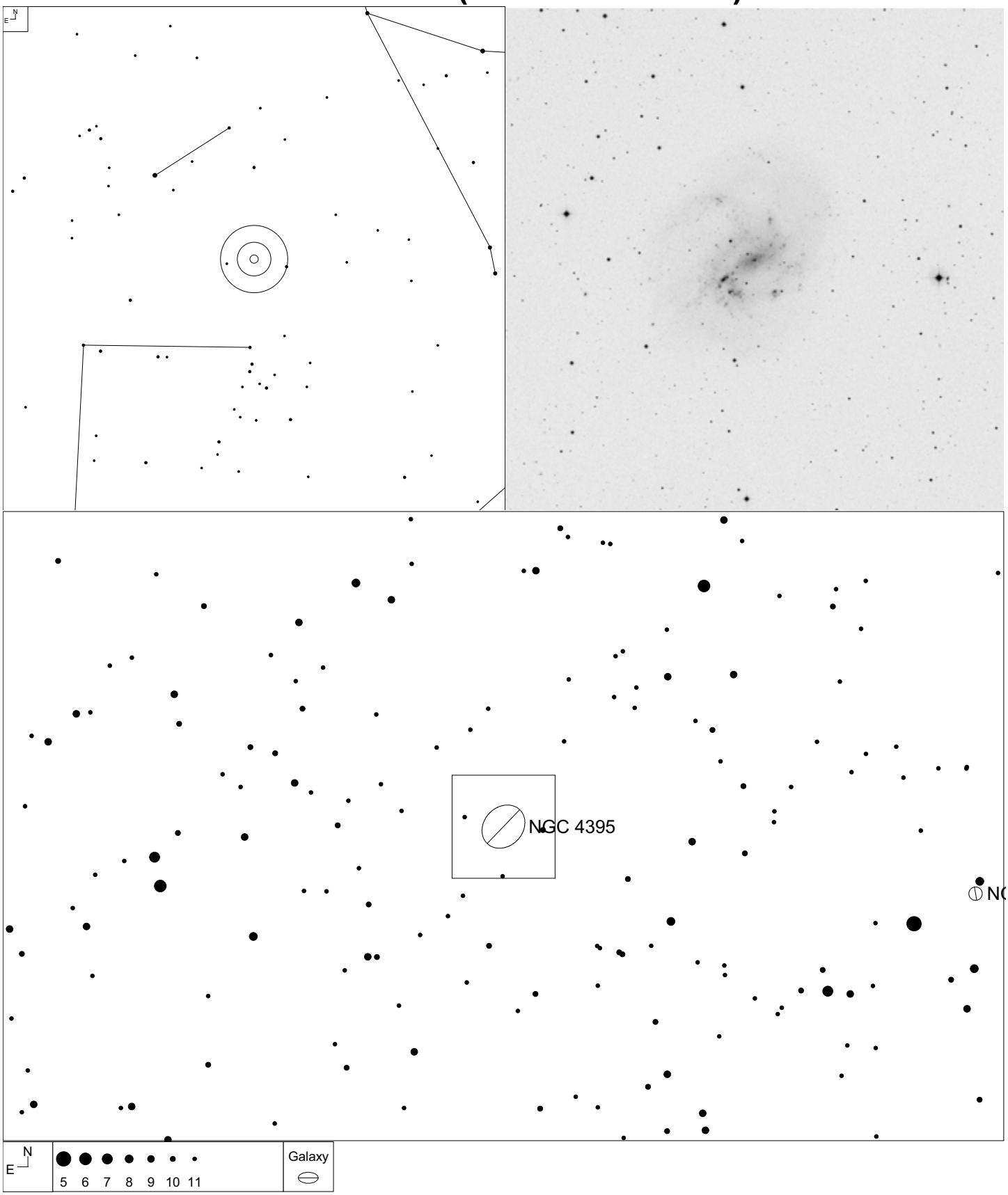
Herschel	RA	Dec	Mag	Size	Type
H V 41	12 17 29.4	+37 48 24	10.3v	17.7 x 1.9’	G SA(s)cd: sp

NGC 4369 (Canes Venatici)



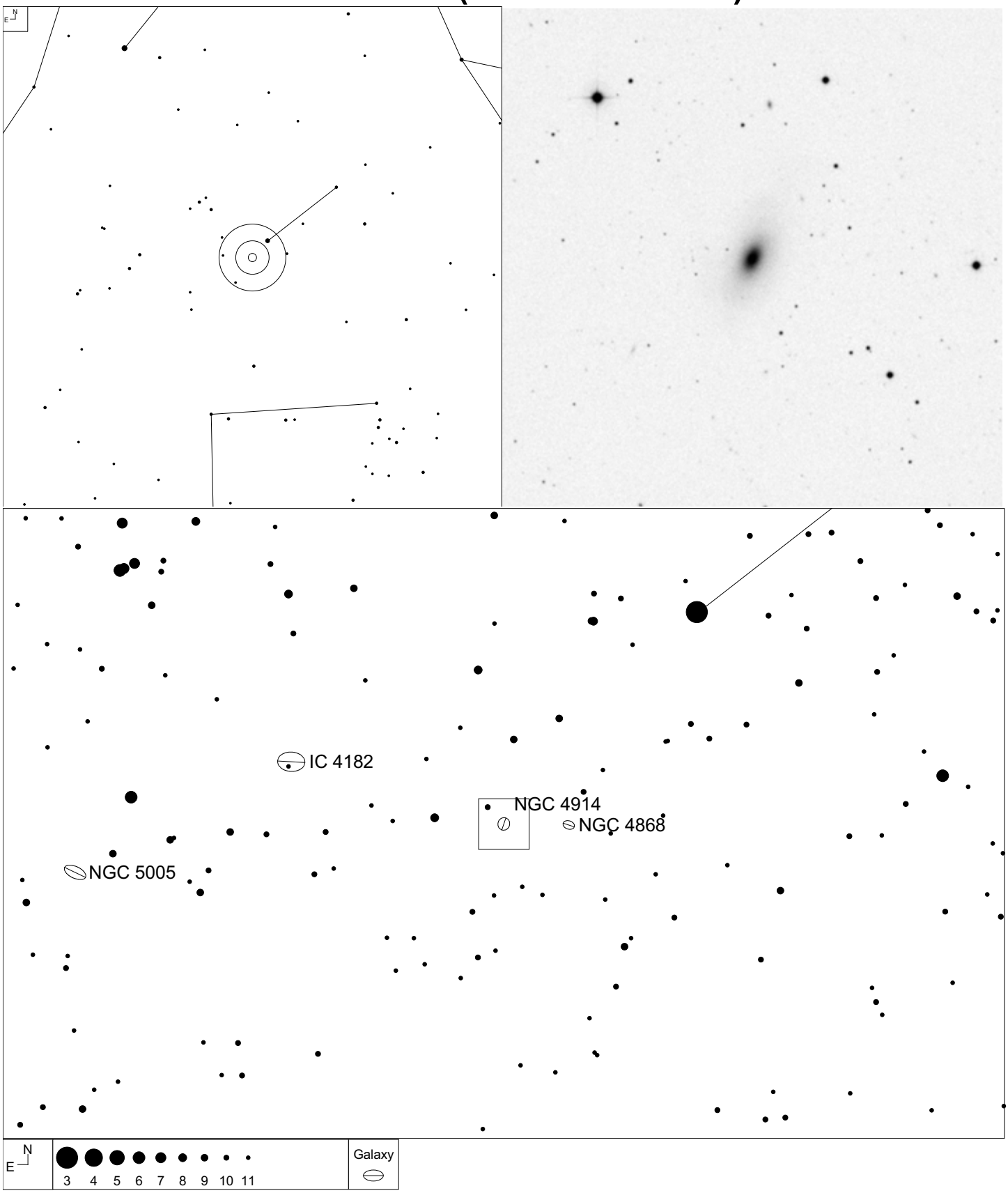
Herschel	RA	Dec	Mag	Size	Type
H I 166	12 24 36.2	+39 22 58	12.3b	2.1 x 2.1’	G (R)SA(rs)a

NGC 4395 (Canes Venatici)



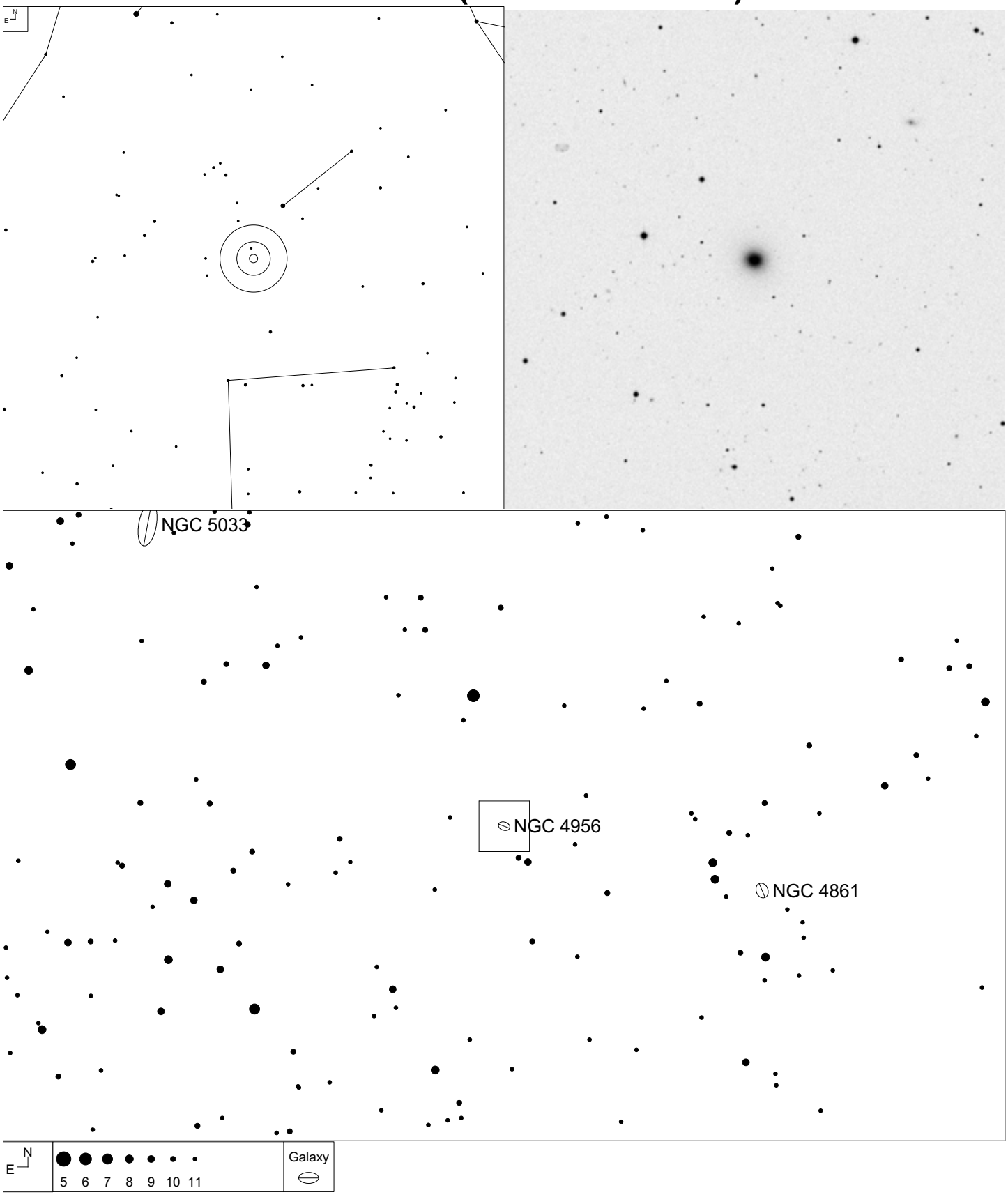
Herschel	RA	Dec	Mag	Size	Type
H V 29.1	12 25 48.9	+33 32 51	10.6b	13.3 x 11.0’	G SA(s)m:

NGC 4914 (Canes Venatici)



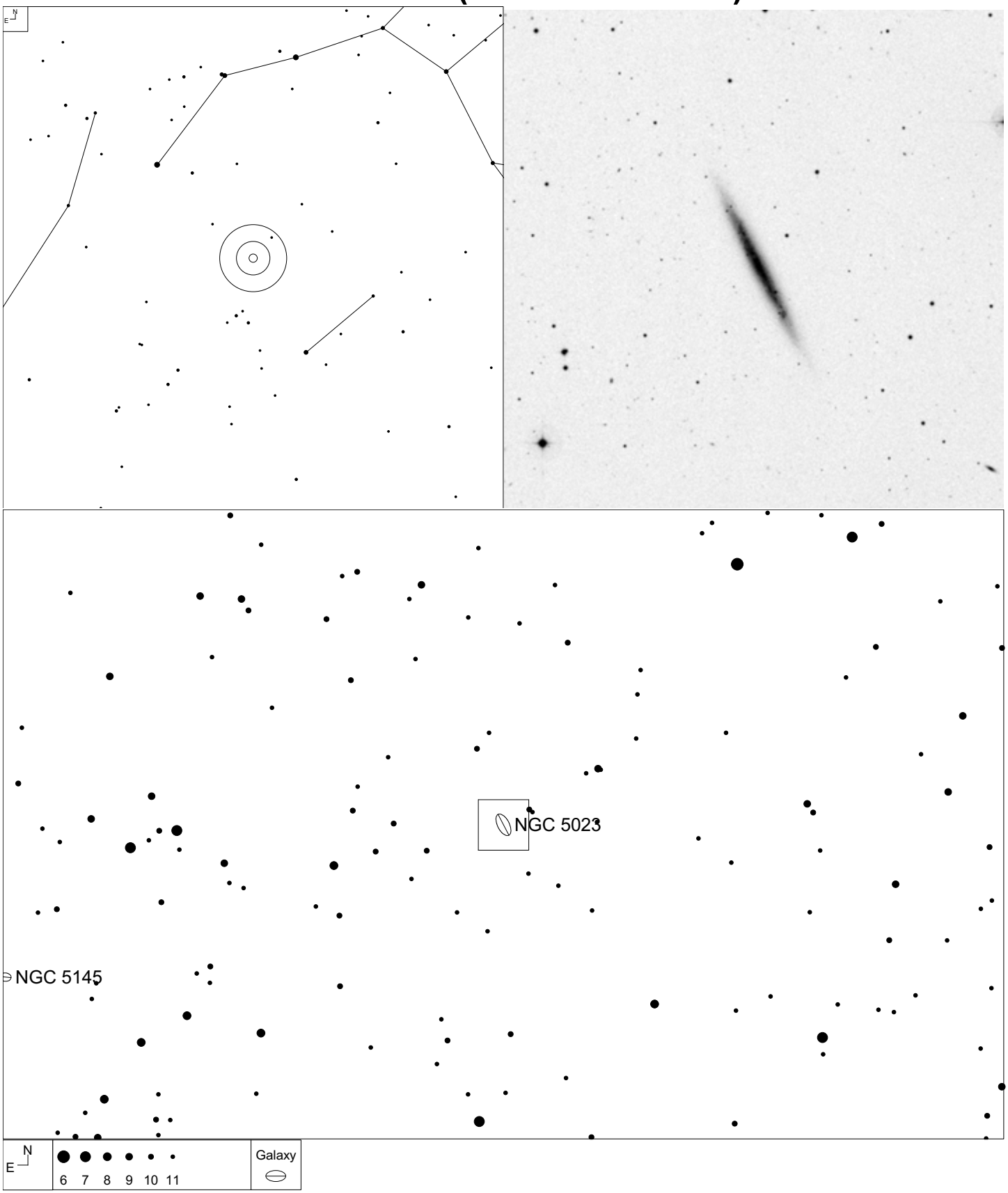
Herschel	RA	Dec	Mag	Size	Type
H II 645	13 00 42.9	+37 18 54	12.5b	3.5 x 1.9’	G E+/S0

NGC 4956 (Canes Venatici)



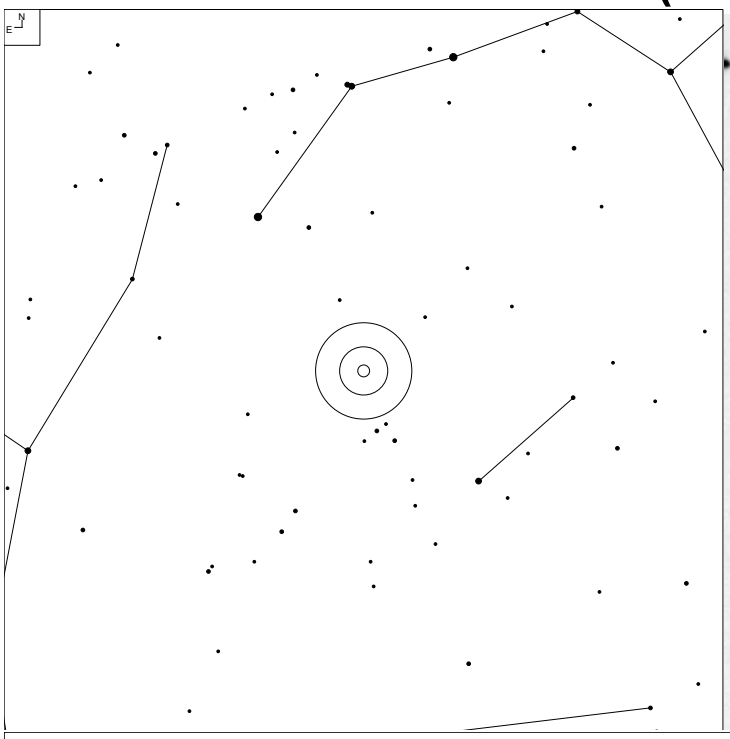
Herschel	RA	Dec	Mag	Size	Type
H II 413	13 05 00.9	+35 10 40	13.3b	1.5 x 1.5’	G S0

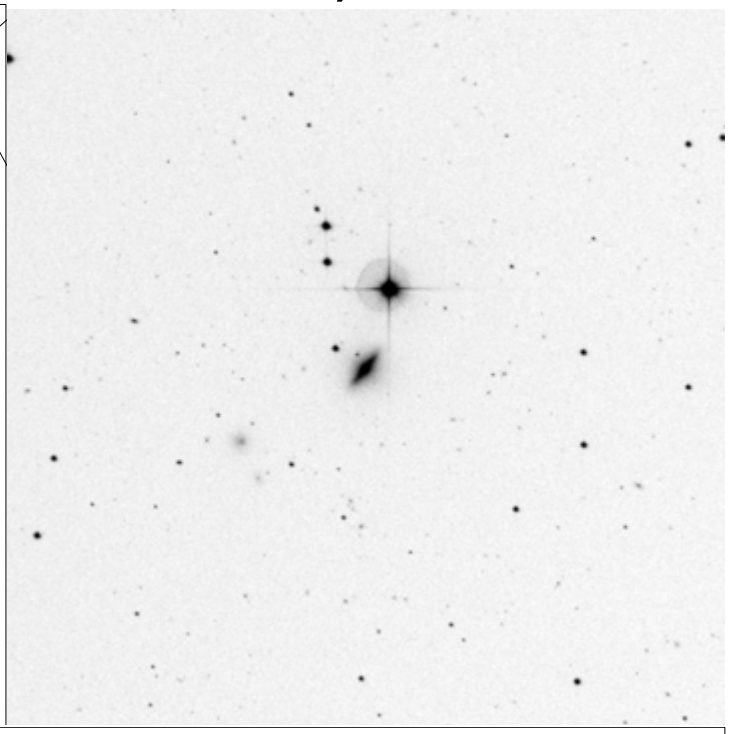
NGC 5023 (Canes Venatici)

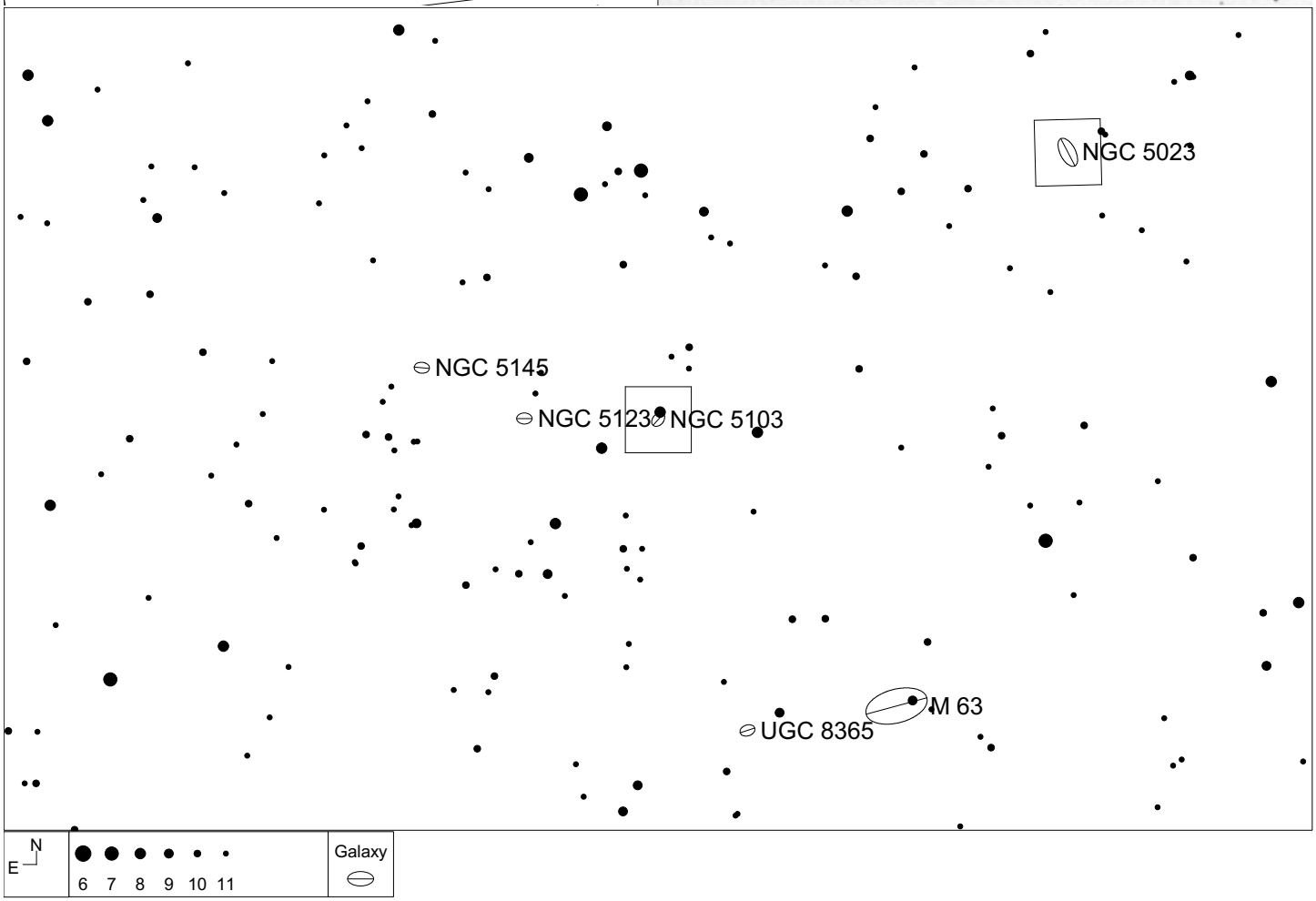


Herschel	RA	Dec	Mag	Size	Type
H II 664	13 12 11.8	+44 02 20	12.9b	6.7 x 0.7’	G Scd: sp

NGC 5103 (Canes Venatici)

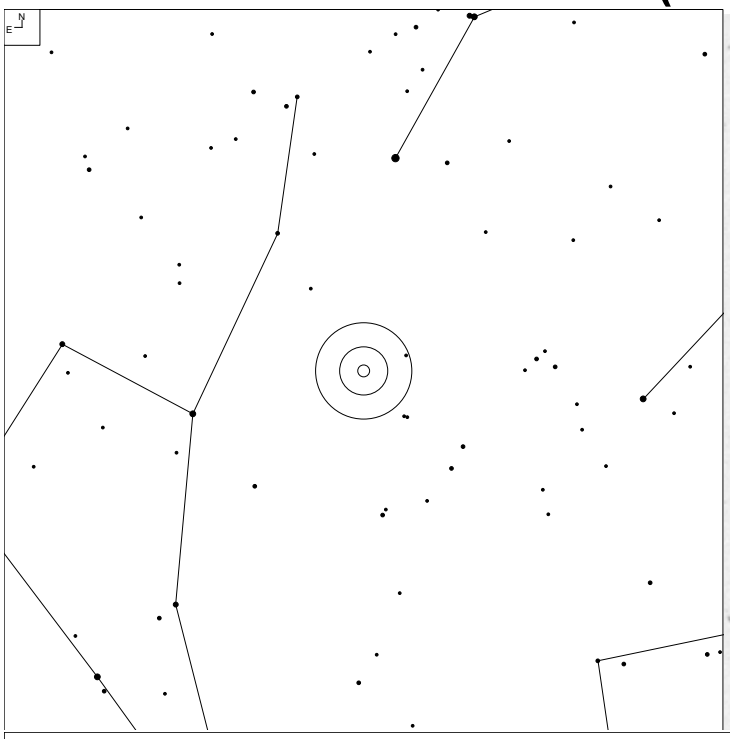


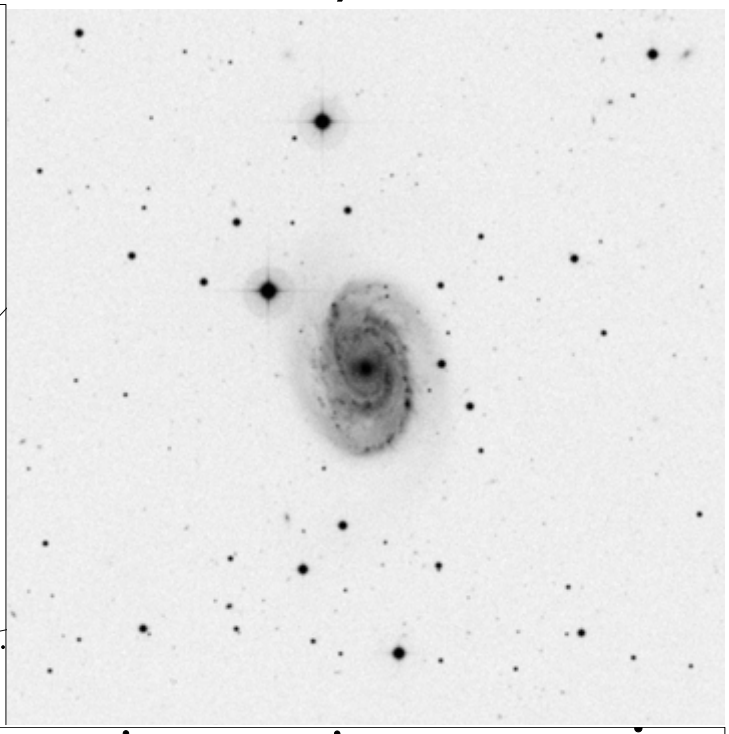


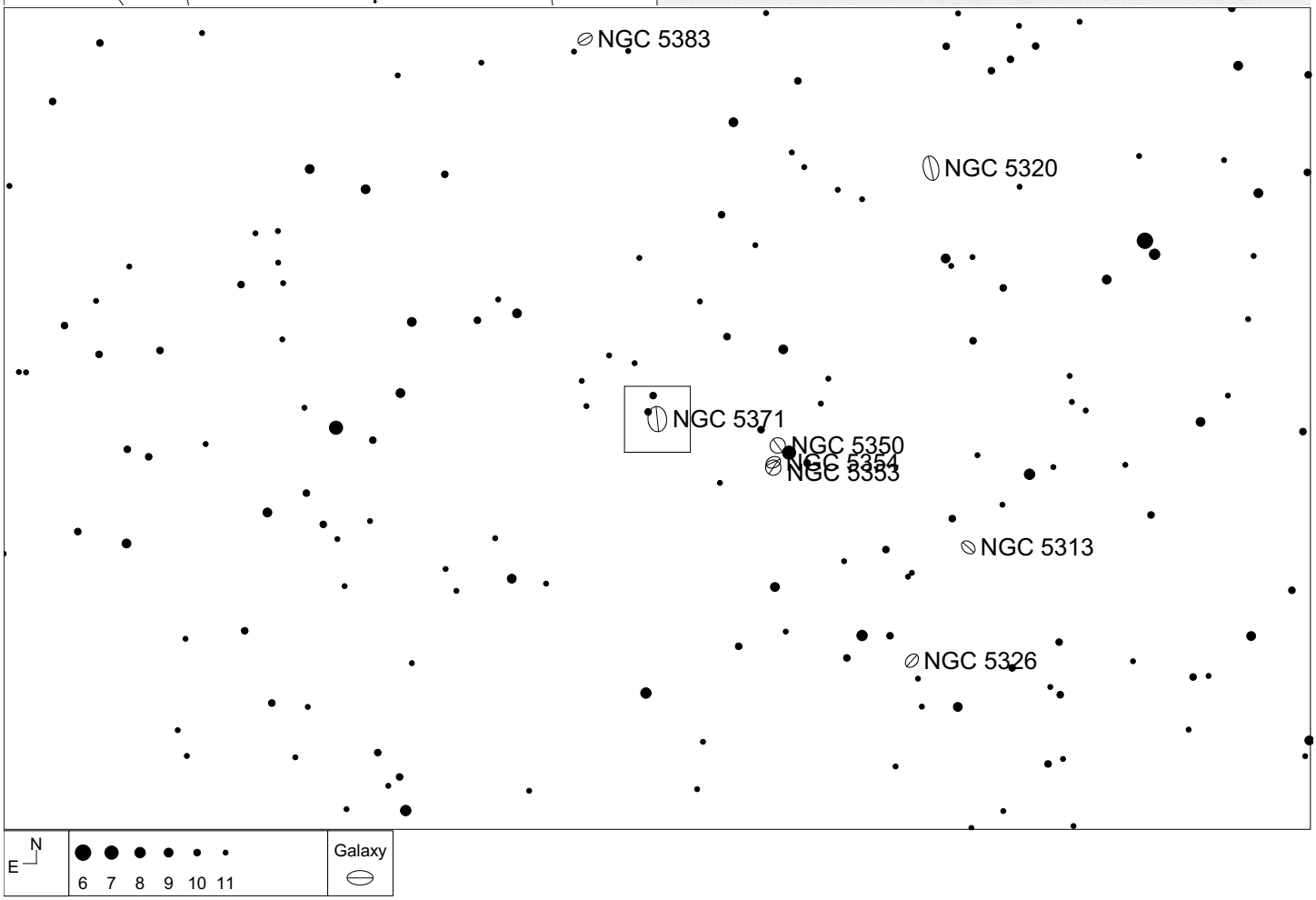


Herschel	RA	Dec	Mag	Size	Type
H II 665	13 20 30.1	+43 05 02	13.6p	1.4 x 0.9’	G S:

NGC 5371 (Canes Venatici)

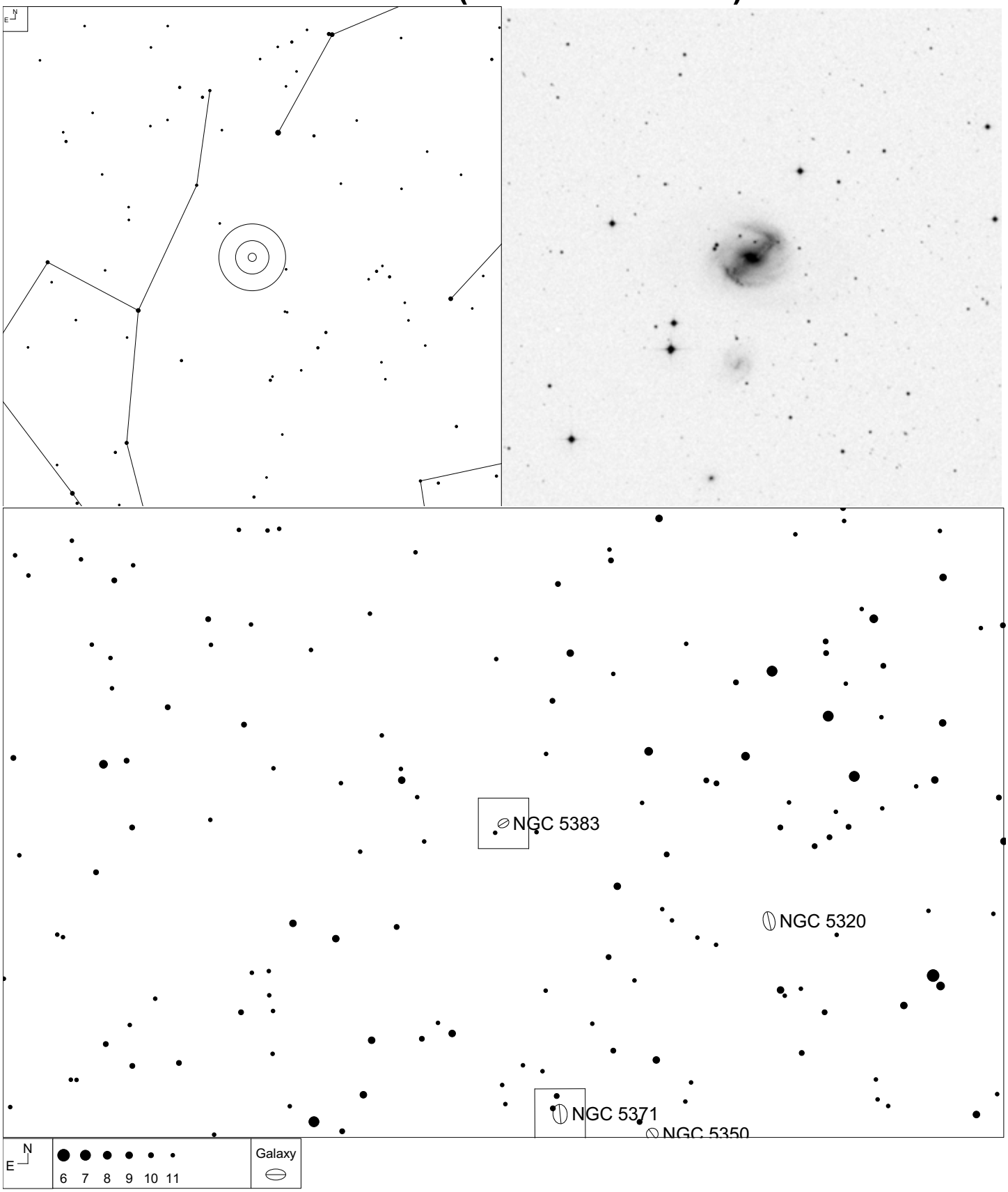






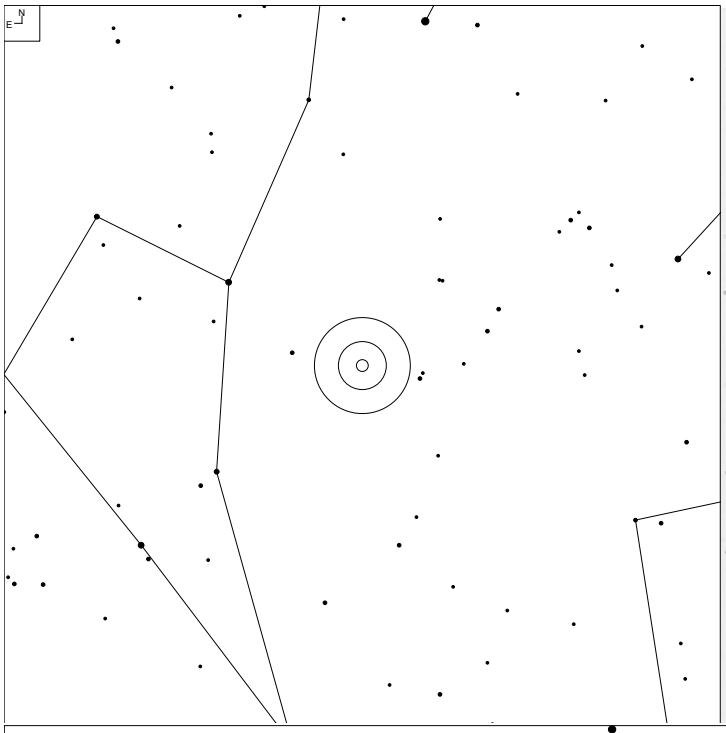
Herschel	RA	Dec	Mag	Size	Type
H II 716	13 55 39.9	+40 27 42	10.5v	5.5 x 4.0’	G SAB(rs)bc

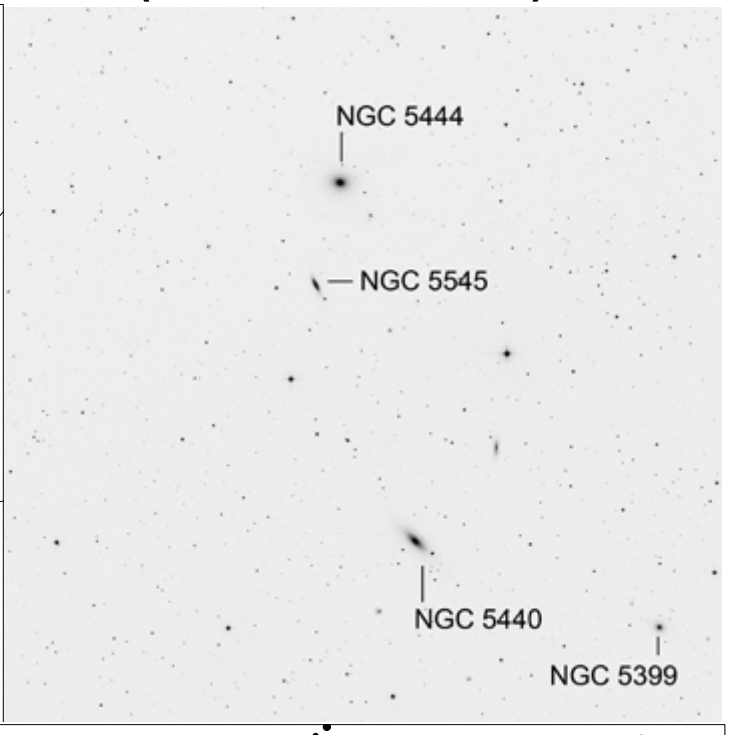
NGC 5383 (Canes Venatici)

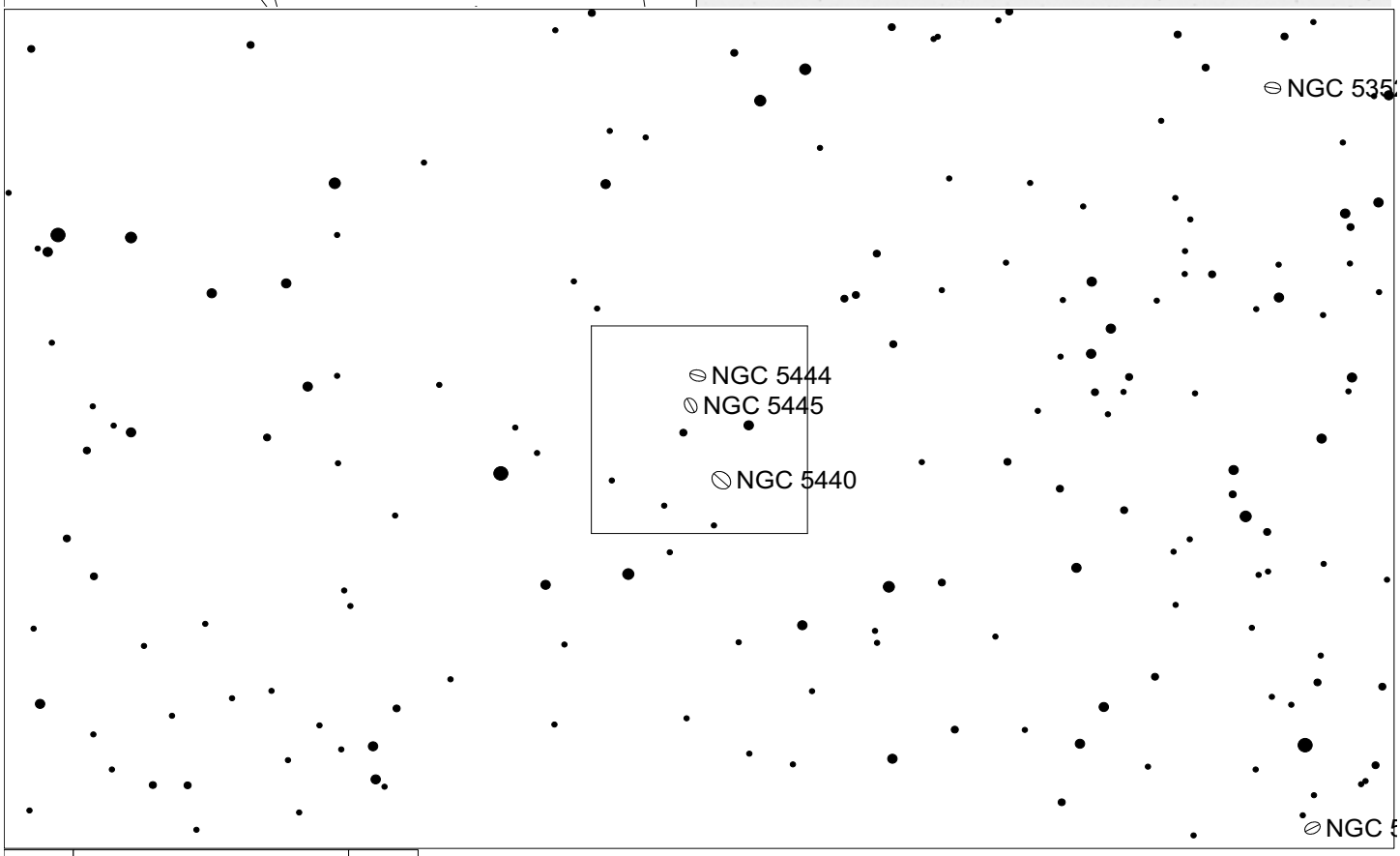


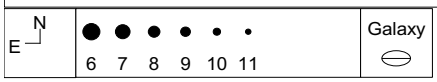
Herschel	RA	Dec	Mag	Size	Type
H I 181	13 57 04.9	+41 50 46	12.1b	3.1 x 2.6’	G (R’)SB(rs)b: p

NGC 5440, 5444 and 5445 (Canes Venatici)



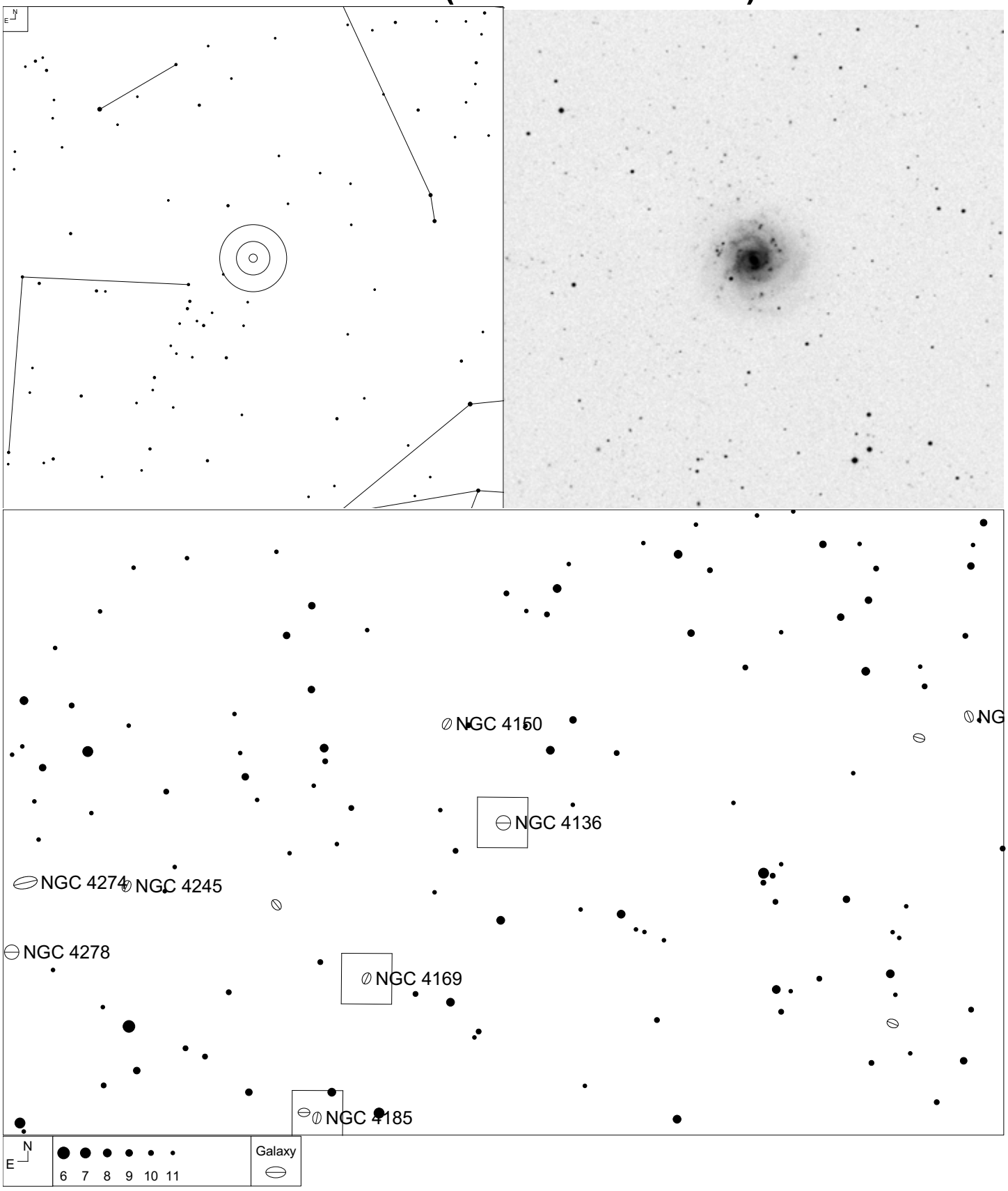






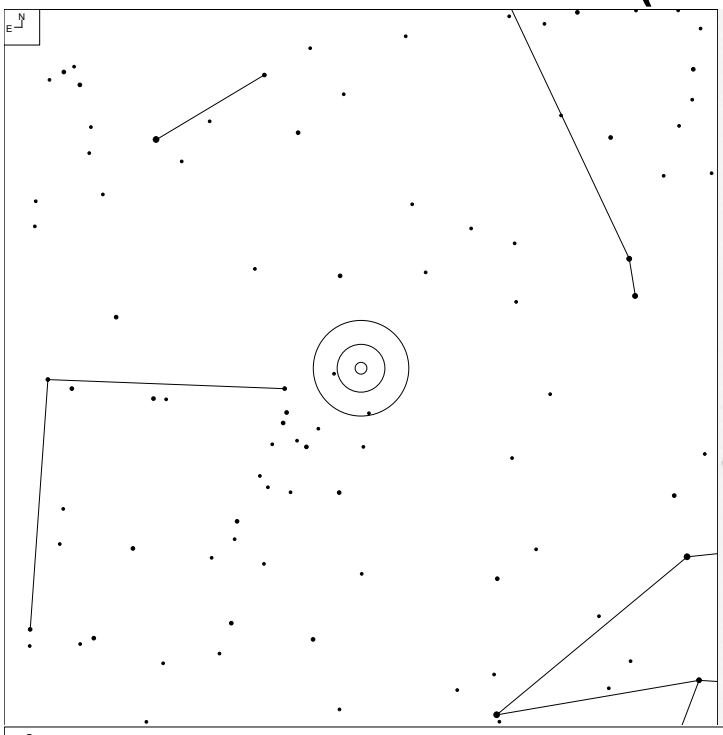
Herschel	RA	Dec	Mag	Size	Type
H II 416	14 03 01.1	+34 45 26	13.2	4.1 x 1.6’	G Sa
H II 417	14 03 24.2	+35 07 54	12.8b	2.4 x 2.0’	G E+:
H III 413	14 03 31.6	+35 01 29	14.0p	1.8 x 0.6’	G S0?

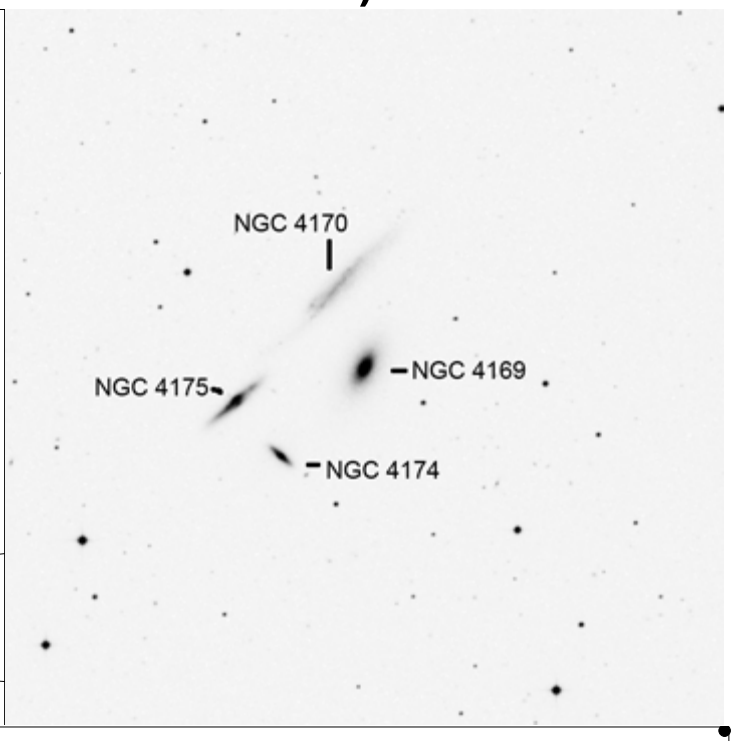
NGC 4136 (Coma Berenices)

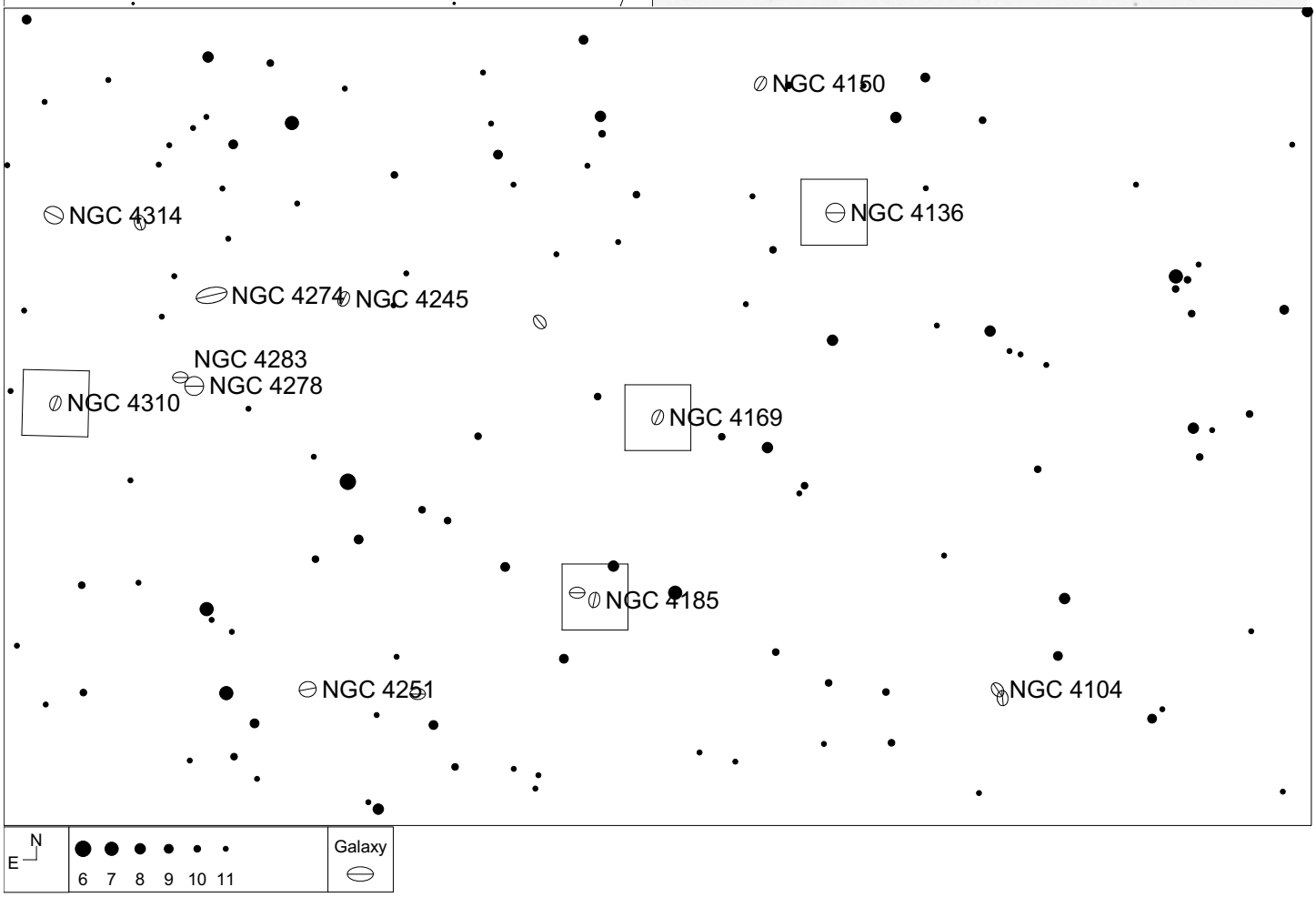


Herschel	RA	Dec	Mag	Size	Type
H II 321	12 09 17.7	+29 55 39	11.7p	4.0 x 4.0’	G SAB(r)c

NGC 4169 (Coma Berenices)

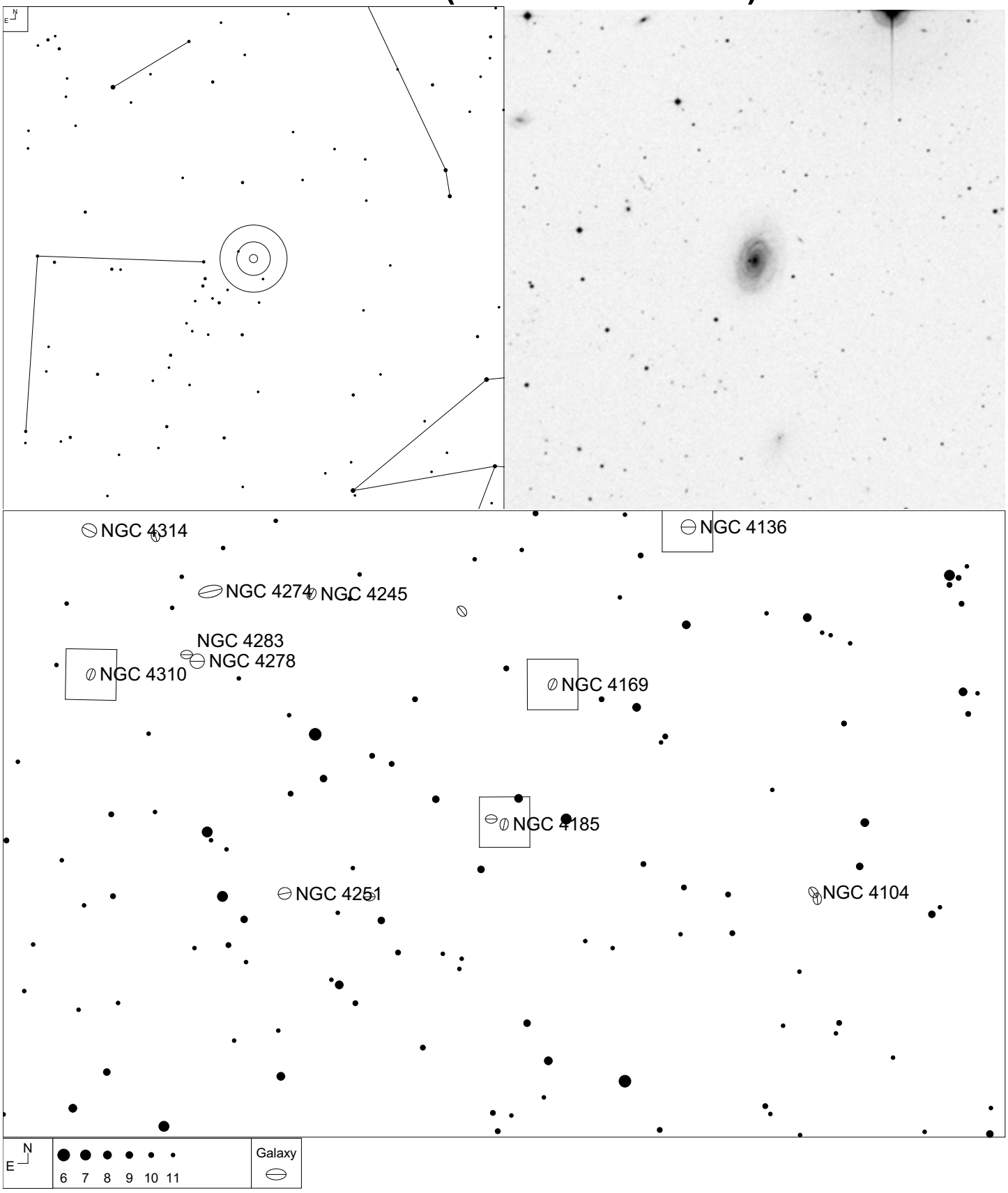






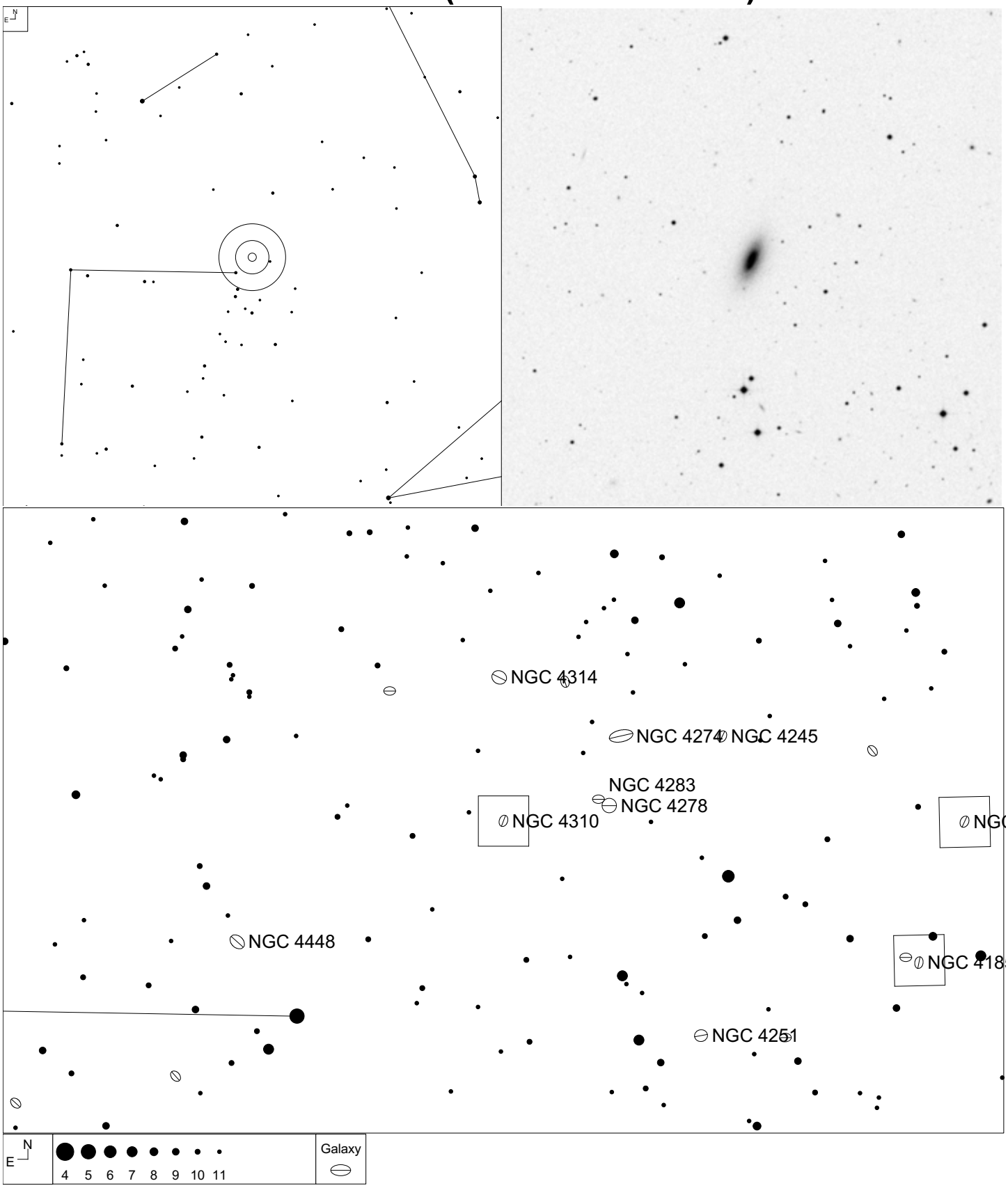
Herschel	RA	Dec	Mag	Size	Type
H III 358	12 12 18.7	+29 10 46	13.2b	2.3 x 1.2’	G S0/a

NGC 4185 (Coma Berenices)



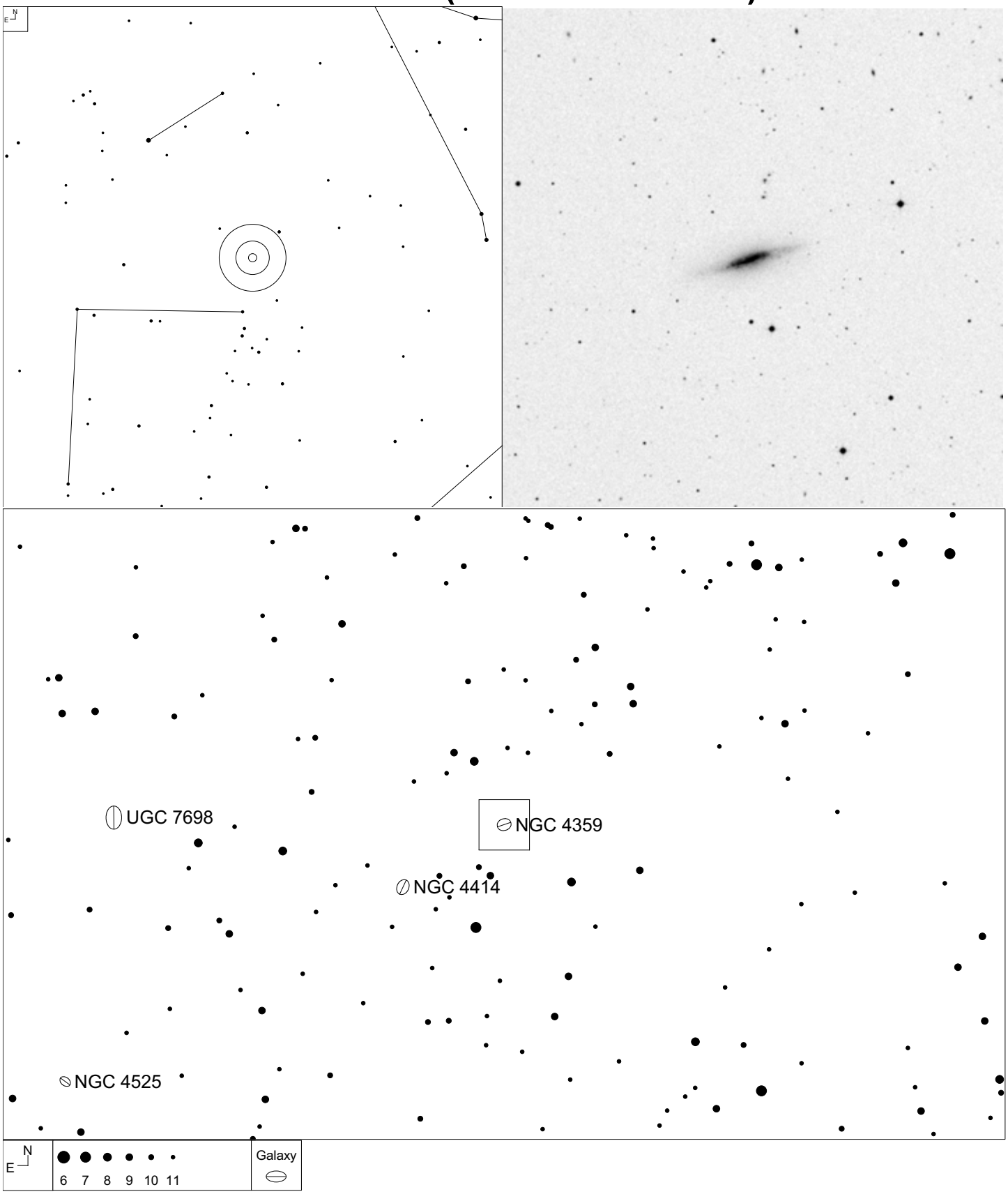
Herschel	RA	Dec	Mag	Size	Type
H II 373	12 13 22.1	+28 30 40	12.9p	2.6 x 1.9’	G Sbc

NGC 4310 (Coma Berenices)



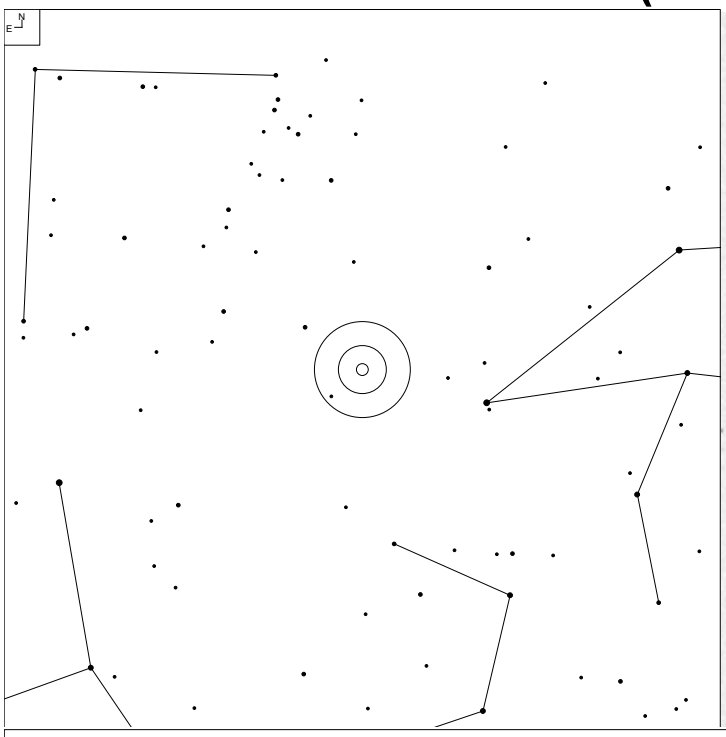
Herschel	RA	Dec	Mag	Size	Type
H II 378	12 22 26.3	+29 12 31	13.2p	2.2 x 1.1’	G (R’)SAB(r)0+?

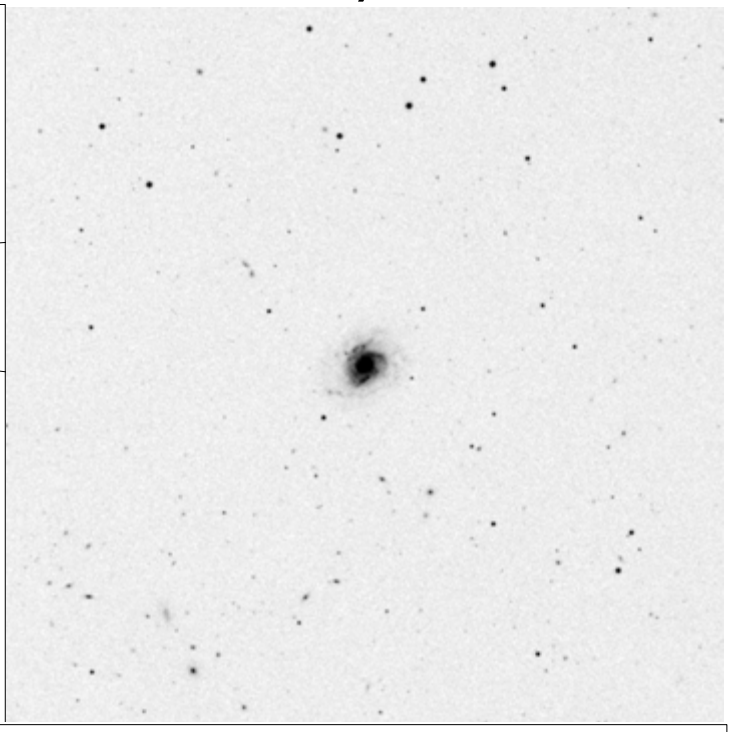
NGC 4359 (Coma Berenices)

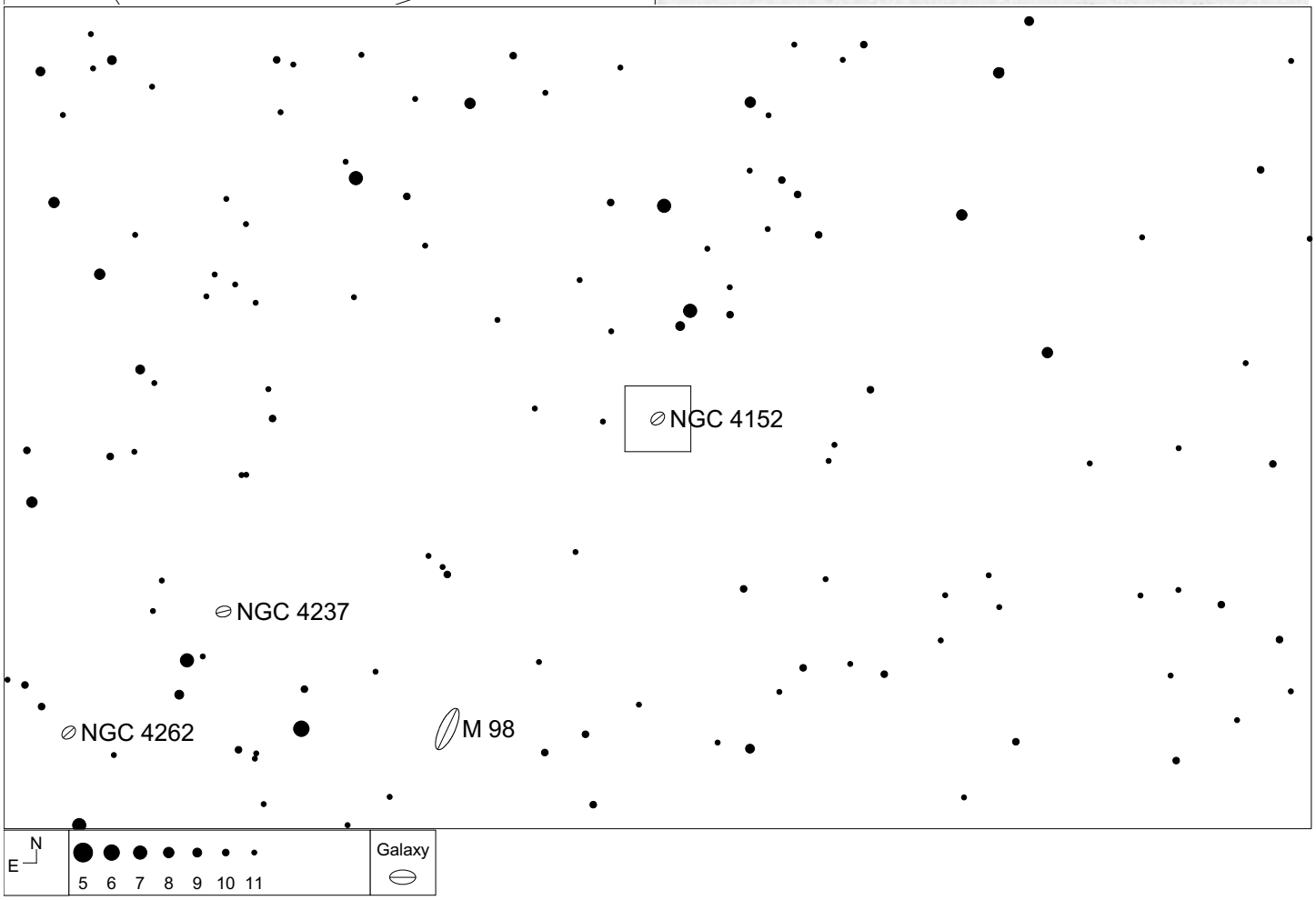


Herschel	RA	Dec	Mag	Size	Type
H III 648	12 24 11.7	+31 31 20	13.4p	4.0 x 0.9’	G SB(rs)c? sp

NGC 4152 (Coma Berenices)

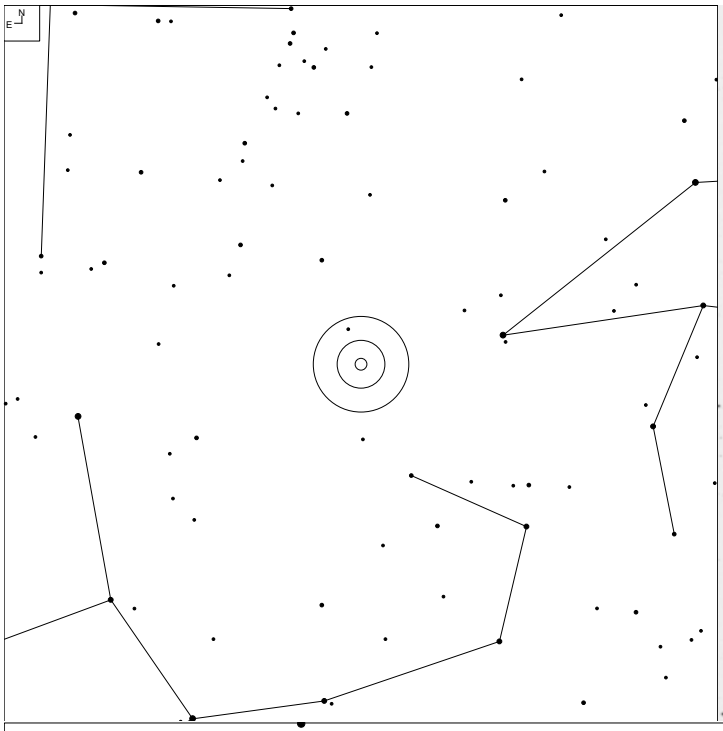


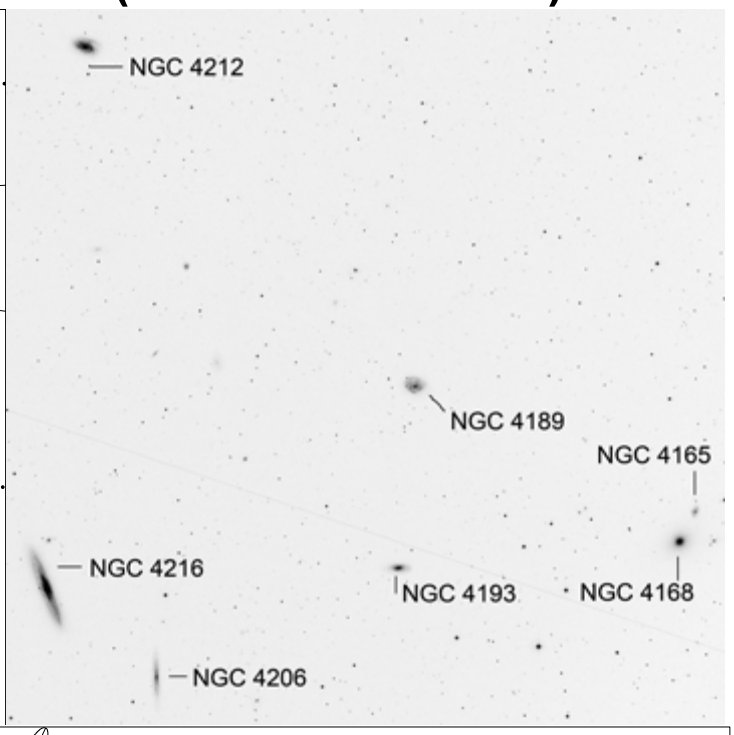


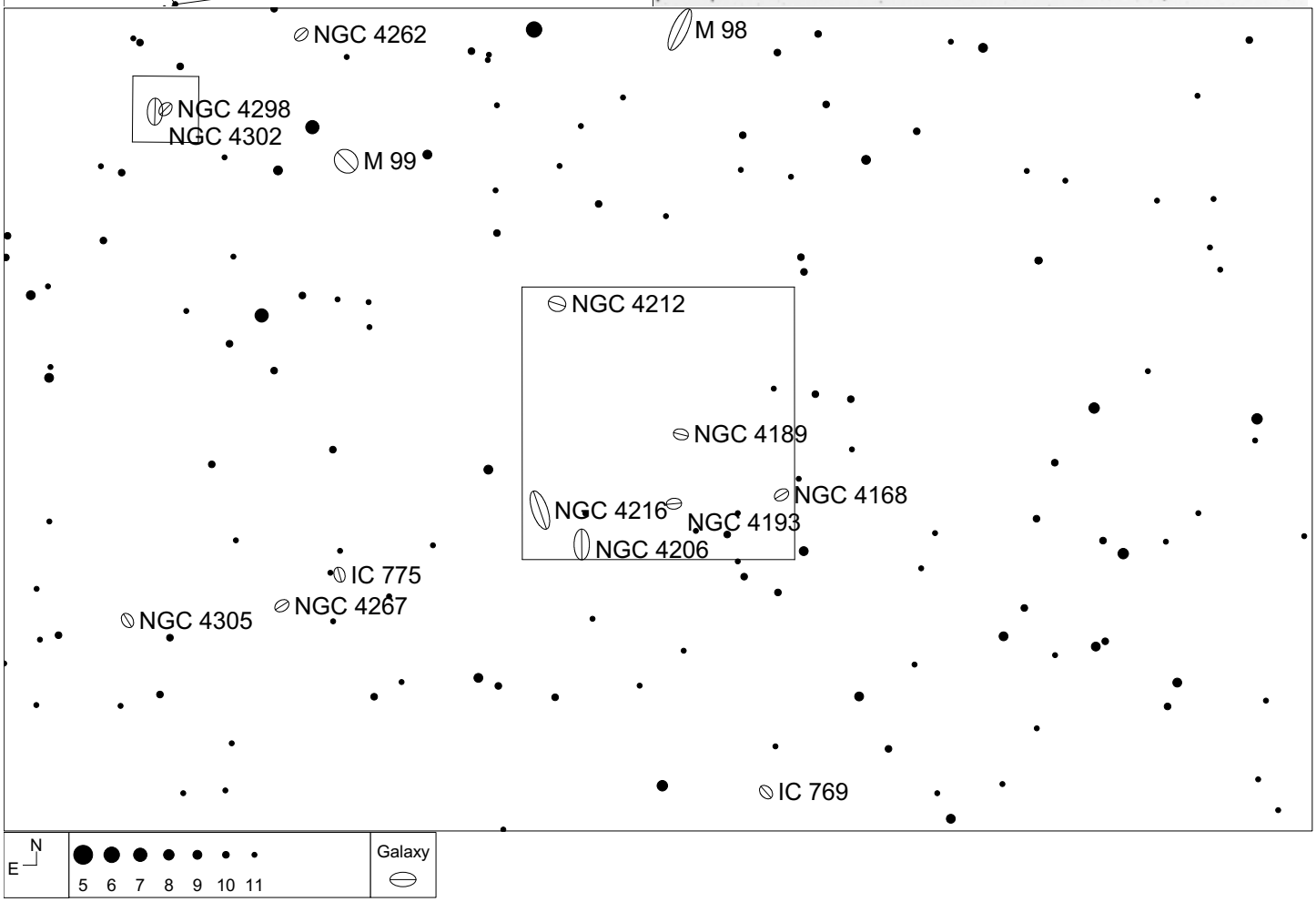


Herschel	RA	Dec	Mag	Size	Type
H II 83	12 10 37.5	+16 01 59	12.7b	2.5 x 2.0’	G SAB(rs)c

NGC 4189 and NGC 4212 (Coma Berenices)

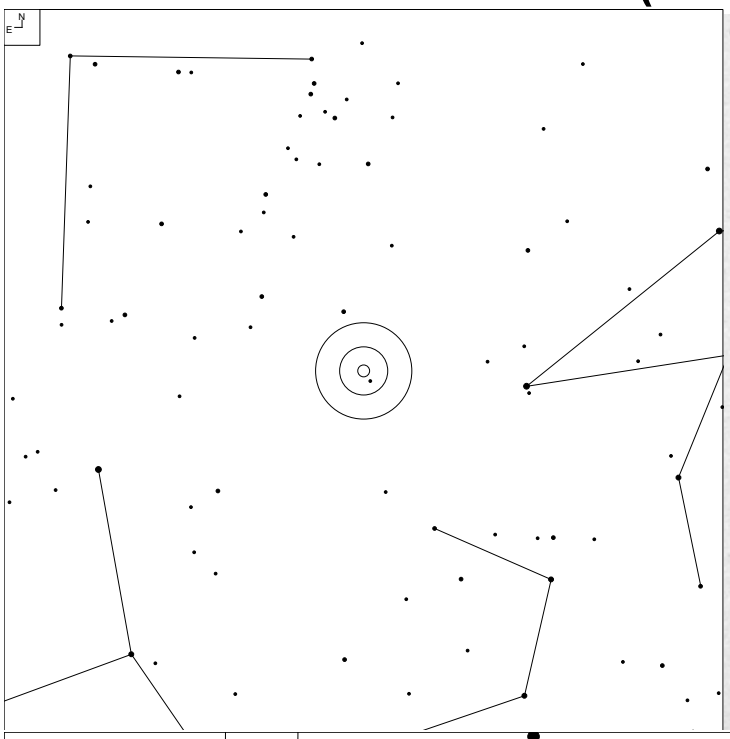


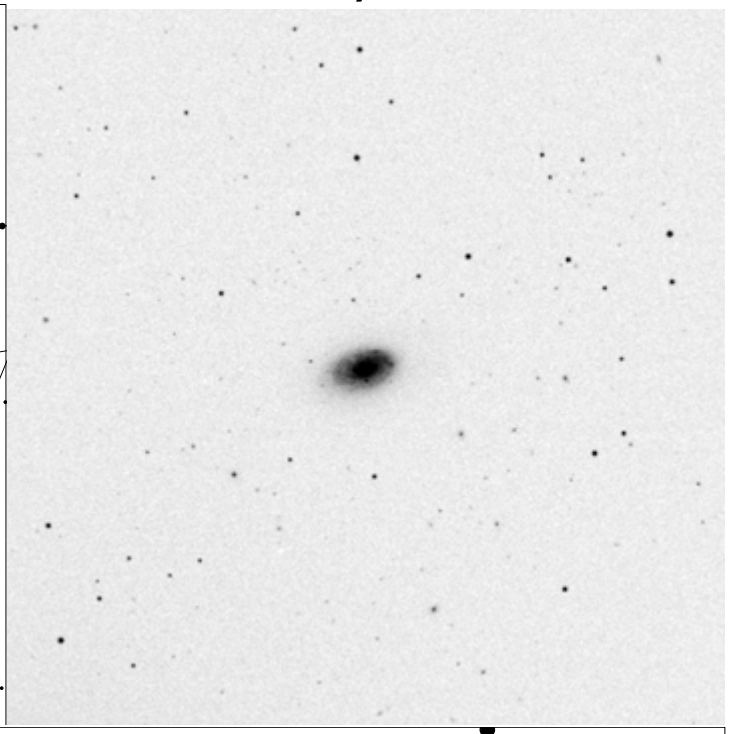


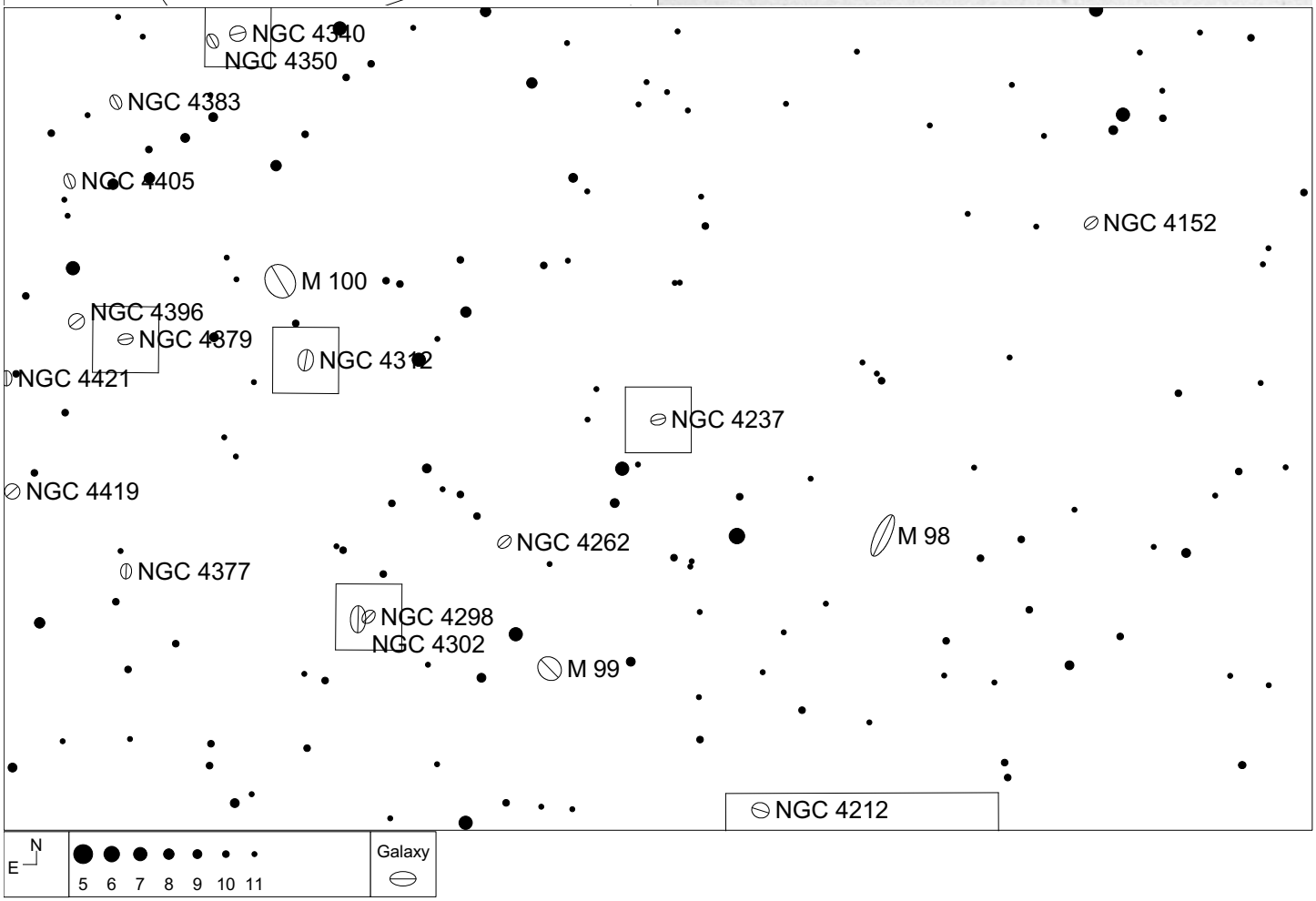


Herschel	RA	Dec	Mag	Size	Type
H II 106	12 13 47.5	+13 25 33	11.7v	2.5 x 2.0’	G SAB(rs)cd?
H II 108	12 15 39.3	+13 54 05	11.8b	3.8 x 2.1’	G SAc:

NGC 4237 (Coma Berenices)

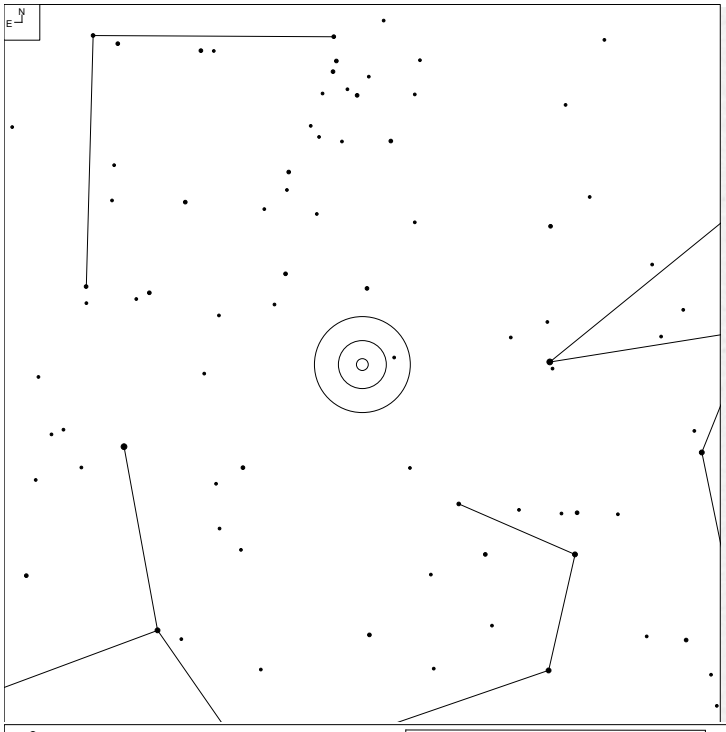


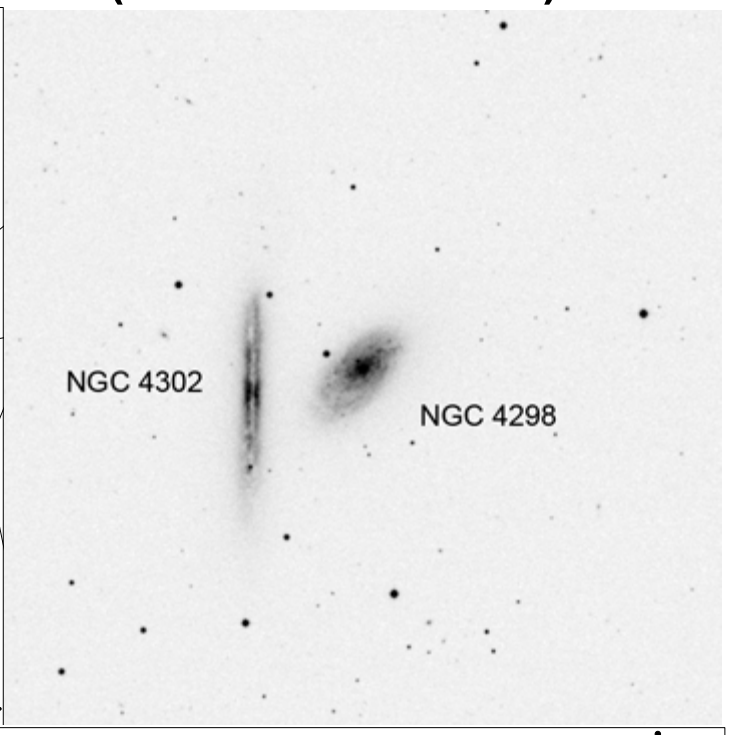


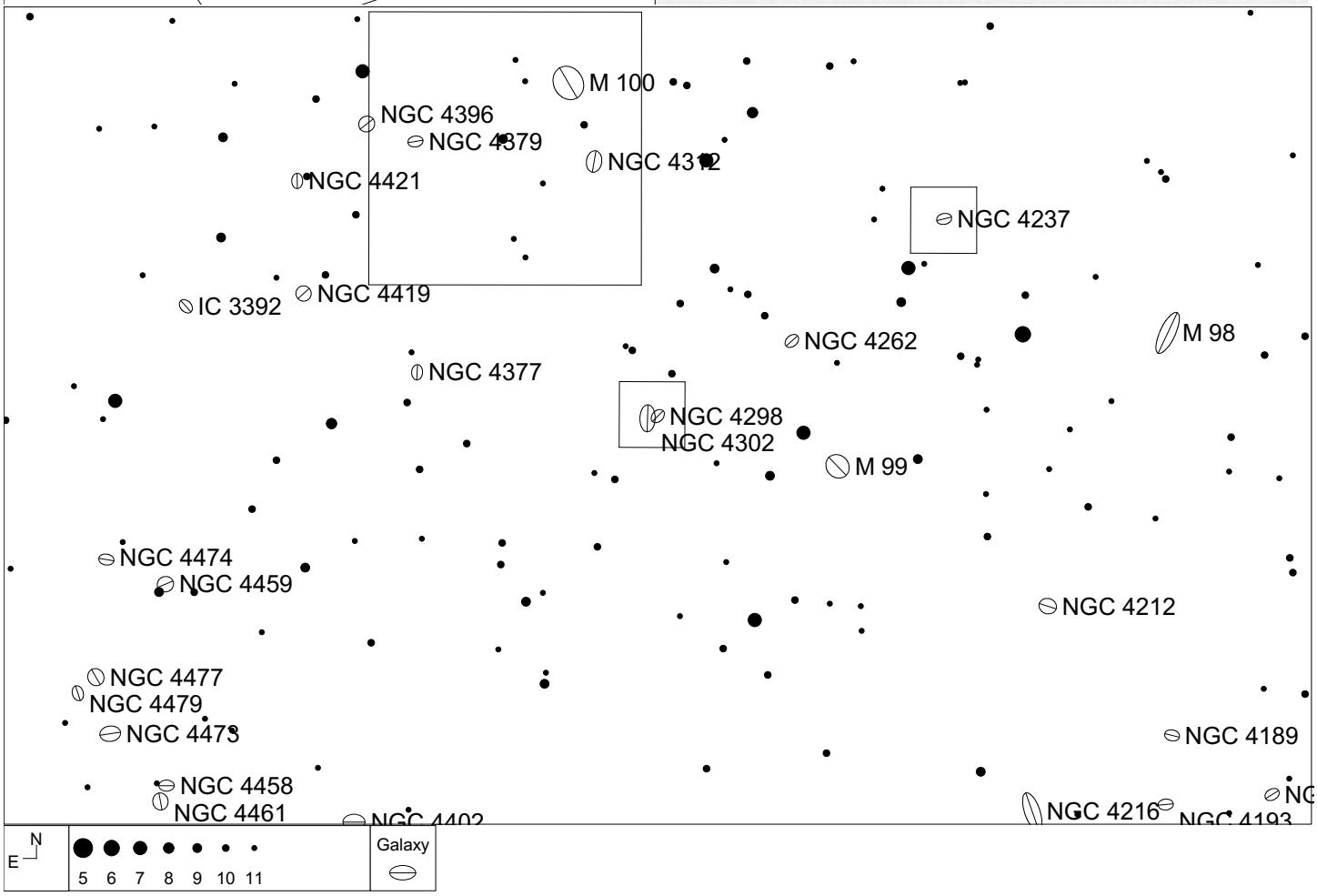


Herschel	RA	Dec	Mag	Size	Type
H II 11	12 17 11.4	+15 19 26	11.6v	2.5 x 1.7’	G SAB(rs)bc

NGC 4298 and NGC 4302 (Coma Berenices)

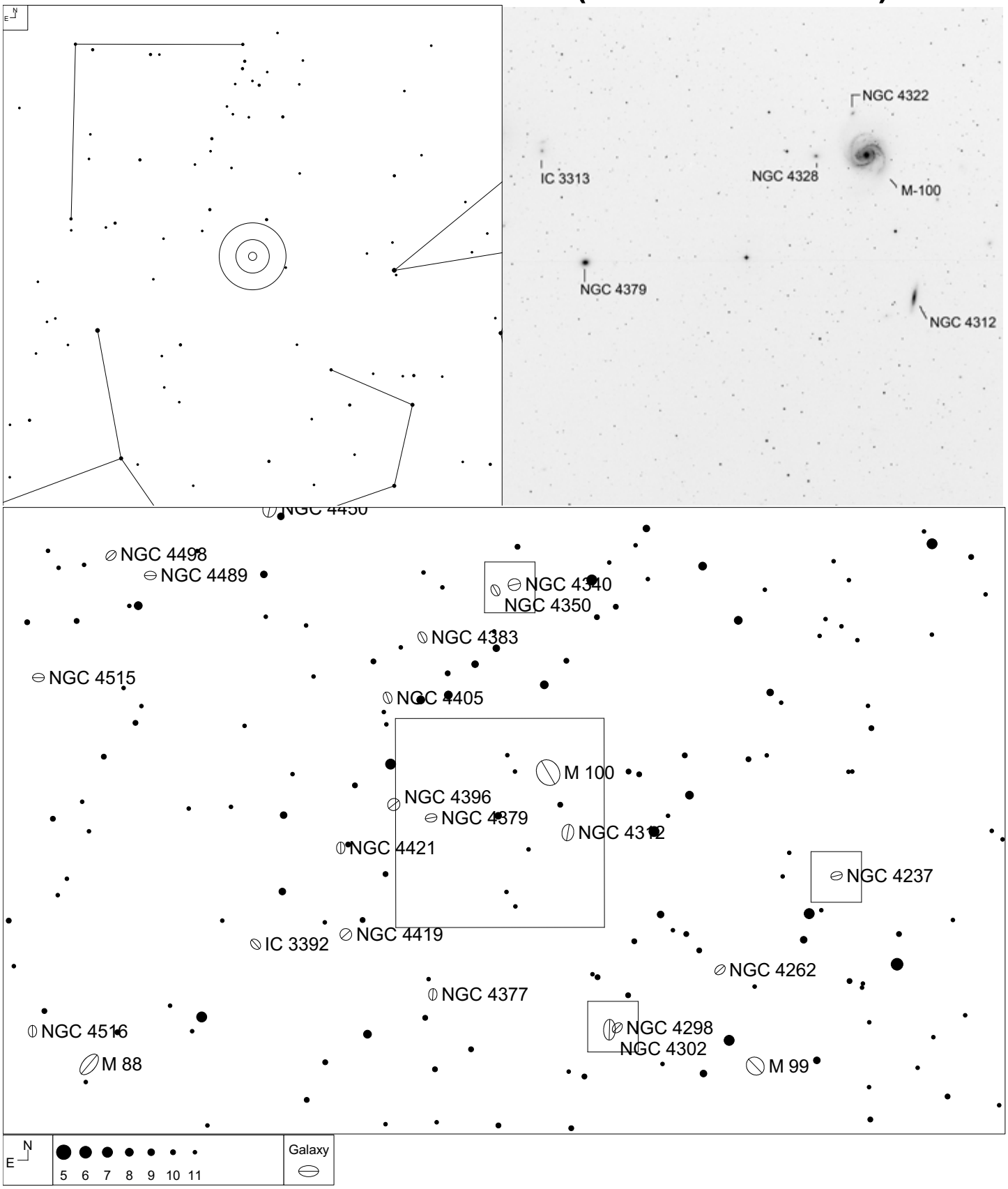






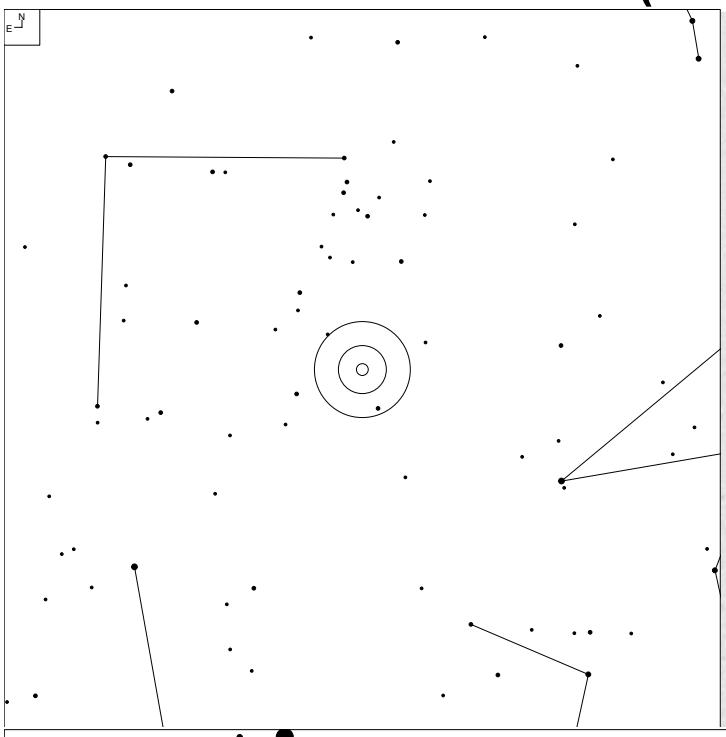
Herschel	RA	Dec	Mag	Size	Type
H II 111	12 21 32.8	+14 36 24	11.3v	3.0 x 1.8’	G SA(rs)c
H II 112	12 21 42.3	+14 35 59	11.6v	5.8 x 0.7’	G Sc:

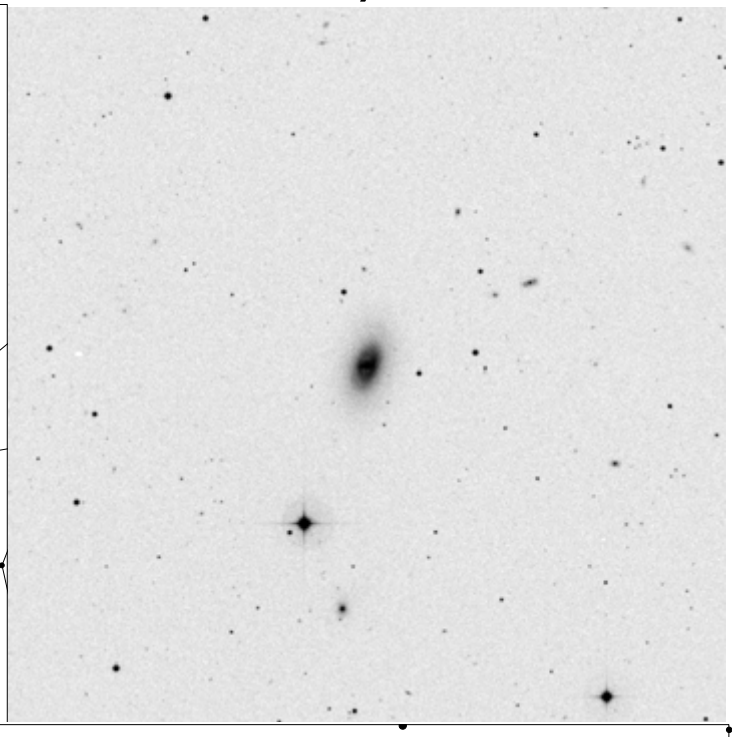
NGC 4312 and NGC 4379 (Coma Berenices)

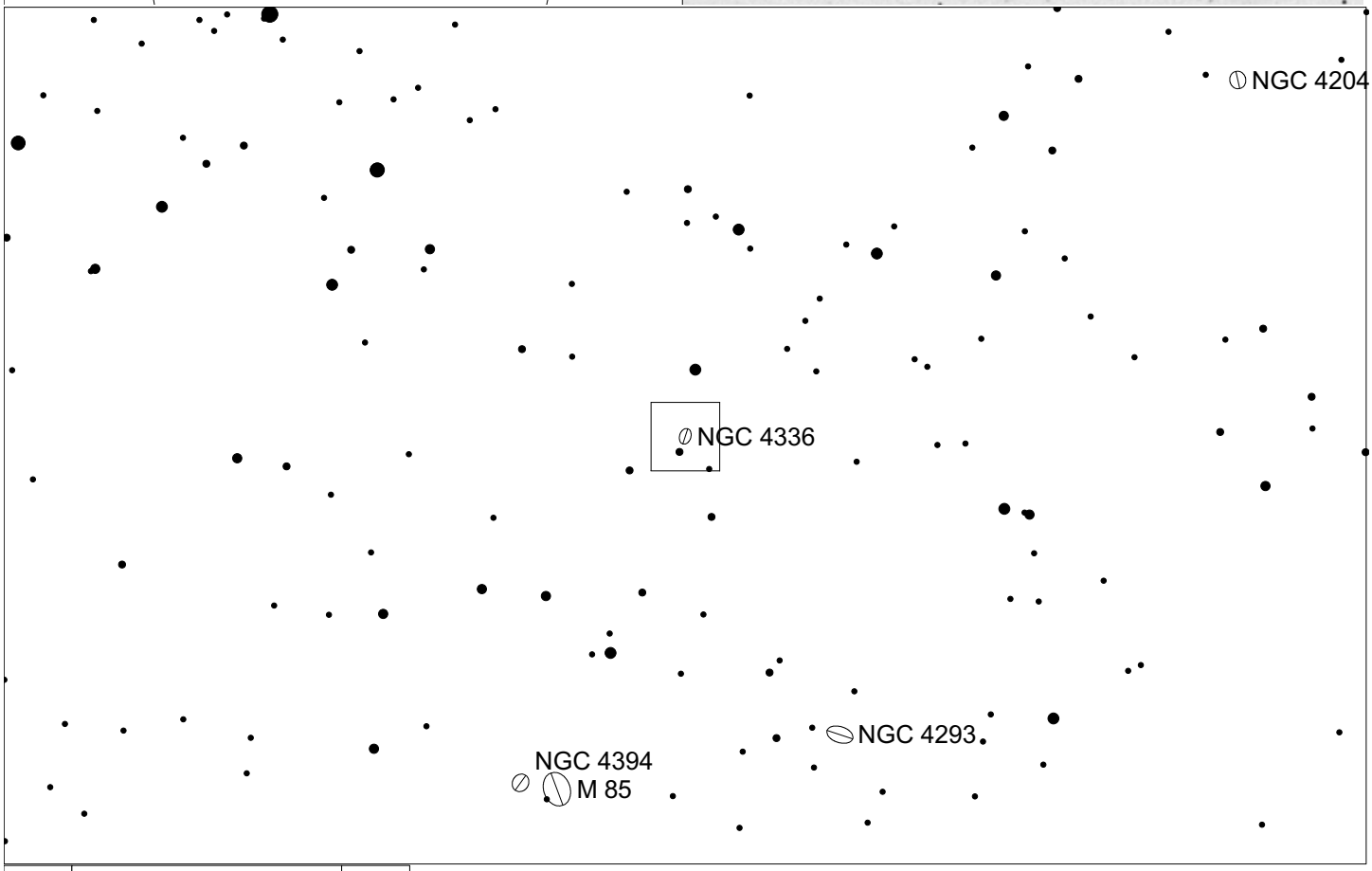


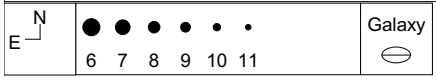
Herschel	RA	Dec	Mag	Size	Type
H II 628	12 22 31.4	+15 32 16	12.5b	4.6 x 1.2’	G SA(rs)ab: sp
H II 87	12 25 14.7	+15 36 27	12.6b	2.0 x 1.6’	G S0- pec:

NGC 4336 (Coma Berenices)



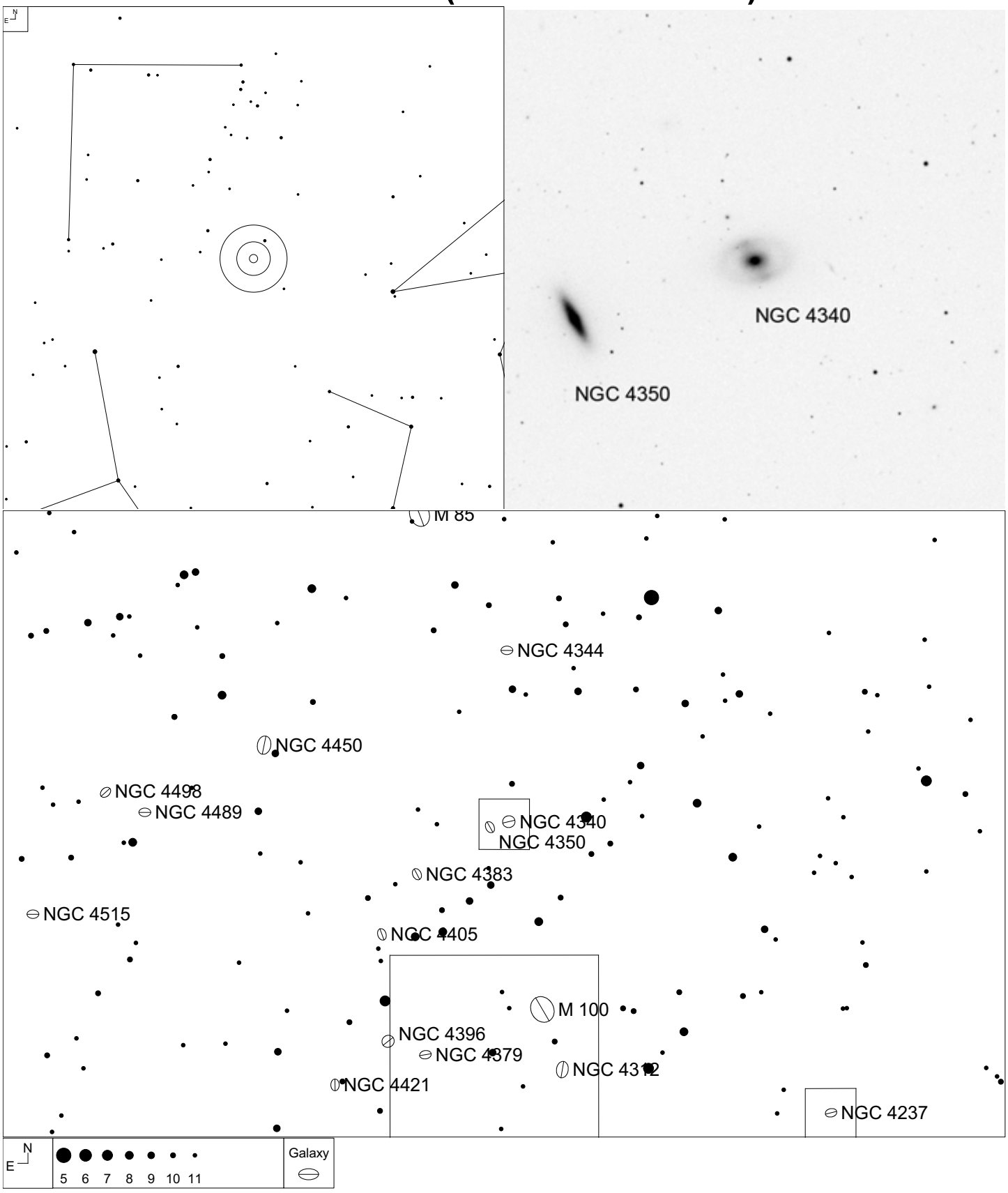






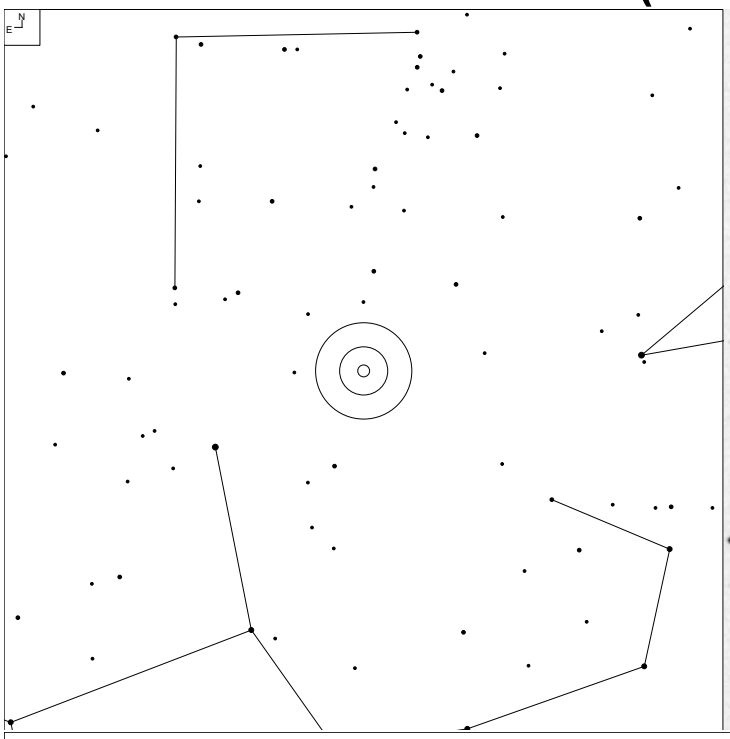
Herschel	RA	Dec	Mag	Size	Type
H II 406	12 23 29.8	+19 25 36	13.5p	2.0 x 0.9’	G SB0/a

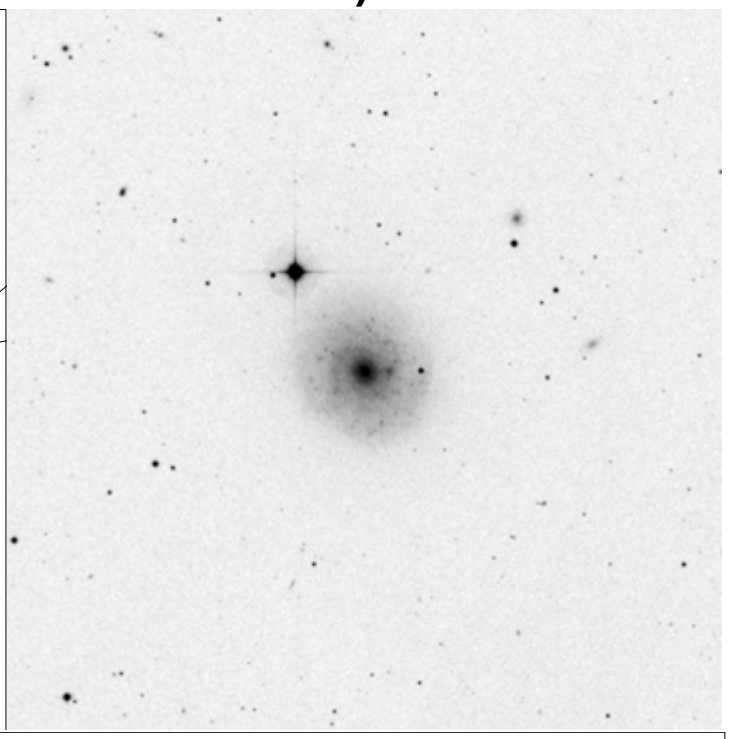
NGC 4340 (Coma Berenices)

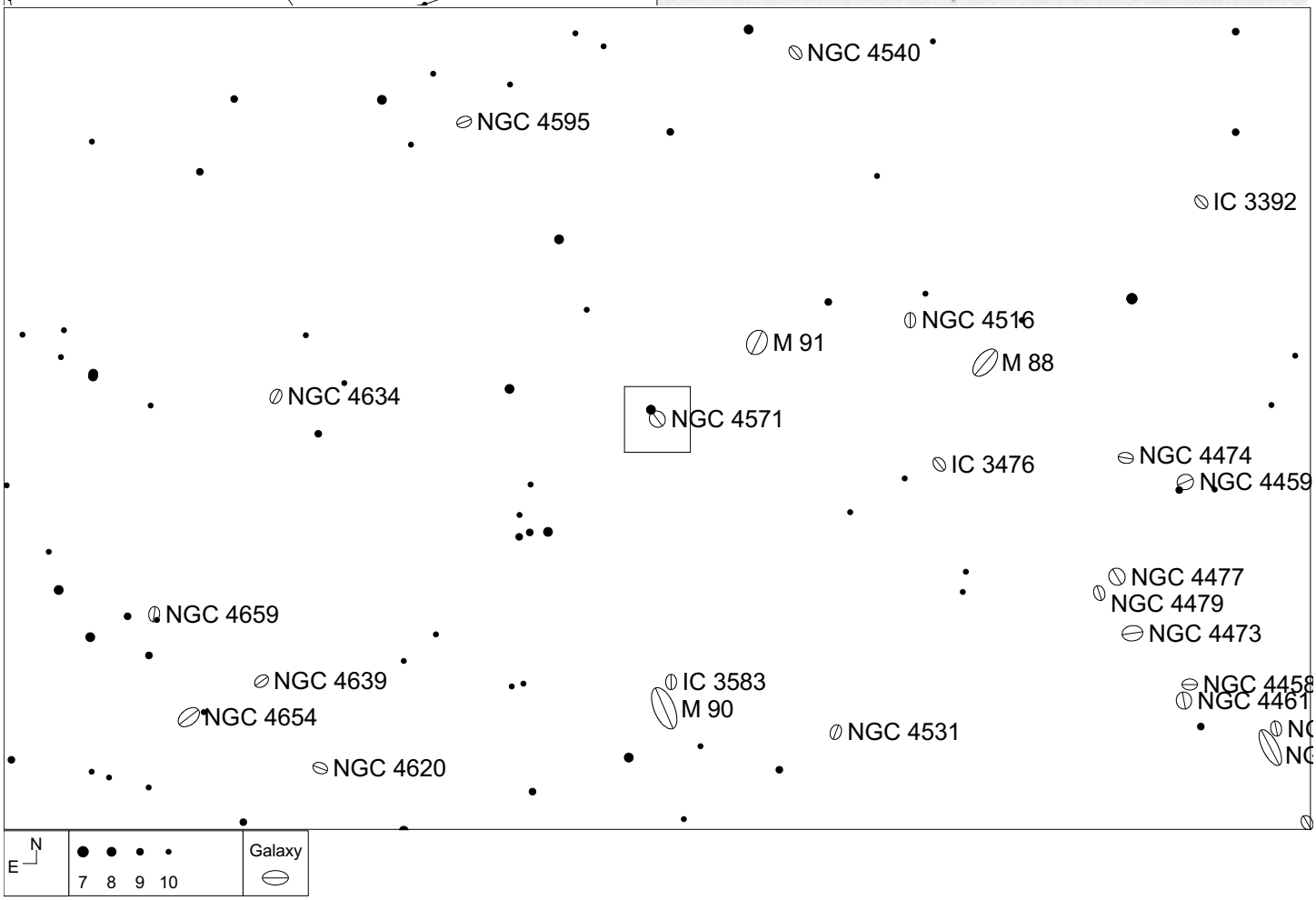


Herschel	RA	Dec	Mag	Size	Type
H II 85	12 23 35.2	+16 43 21	12.1b	3.5 x 2.7’	G SB(r)0+

NGC 4571 (Coma Berenices)

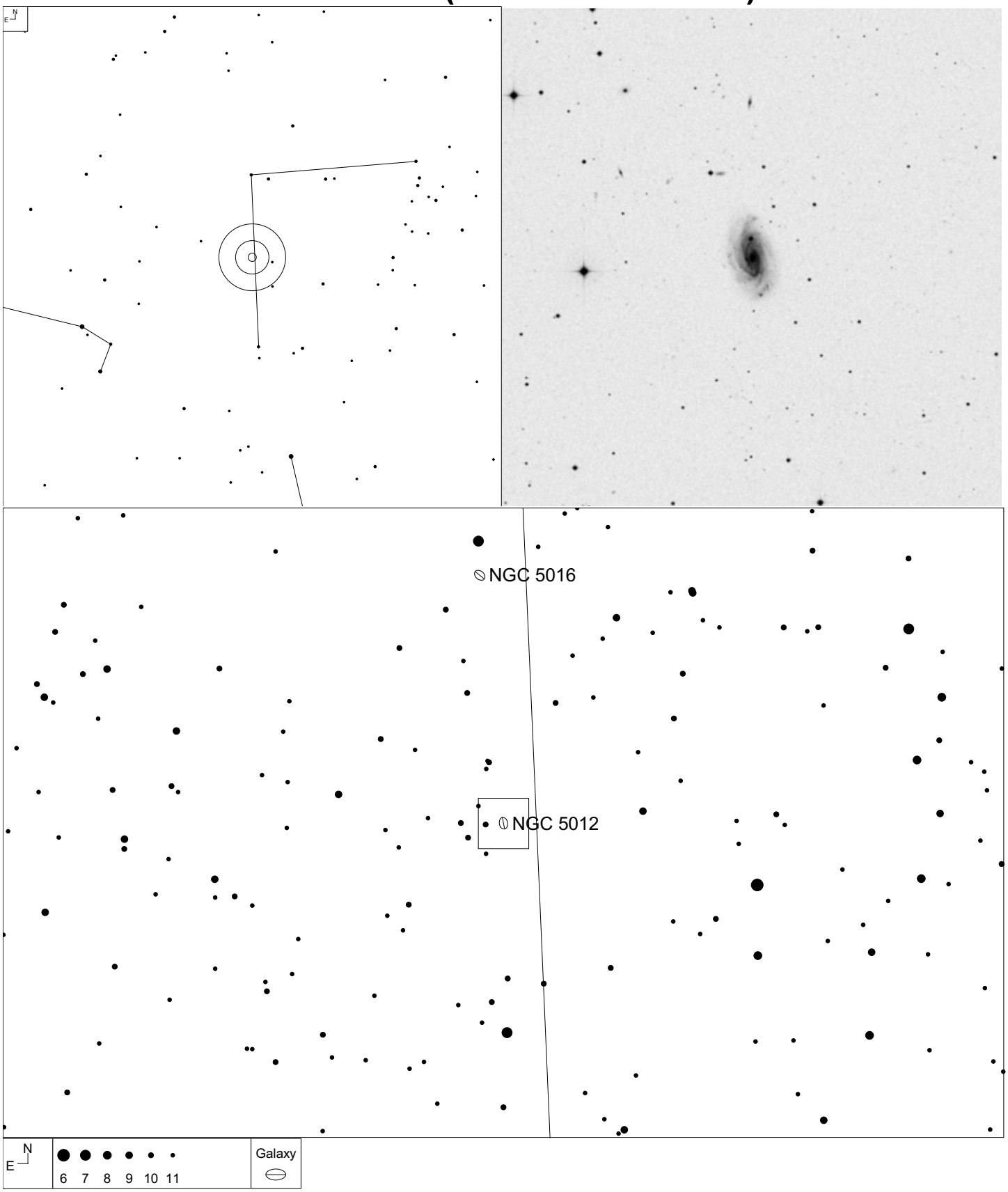






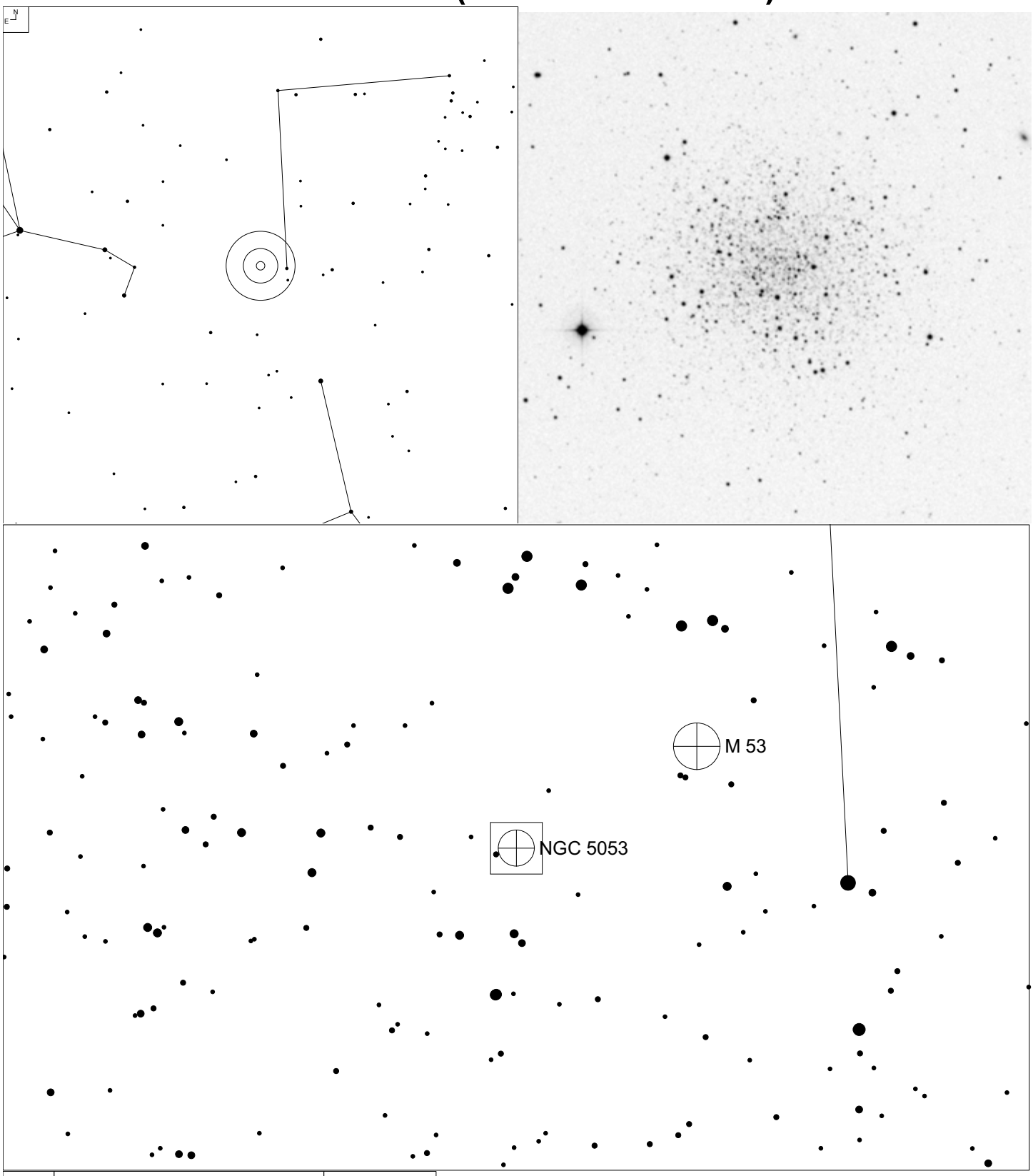
Herschel	RA	Dec	Mag	Size	Type
H III 602	12 36 56.4	+14 13 02	11.8b	3.6 x 3.1’	G SA(r)d

NGC 5012 (Coma Berenices)



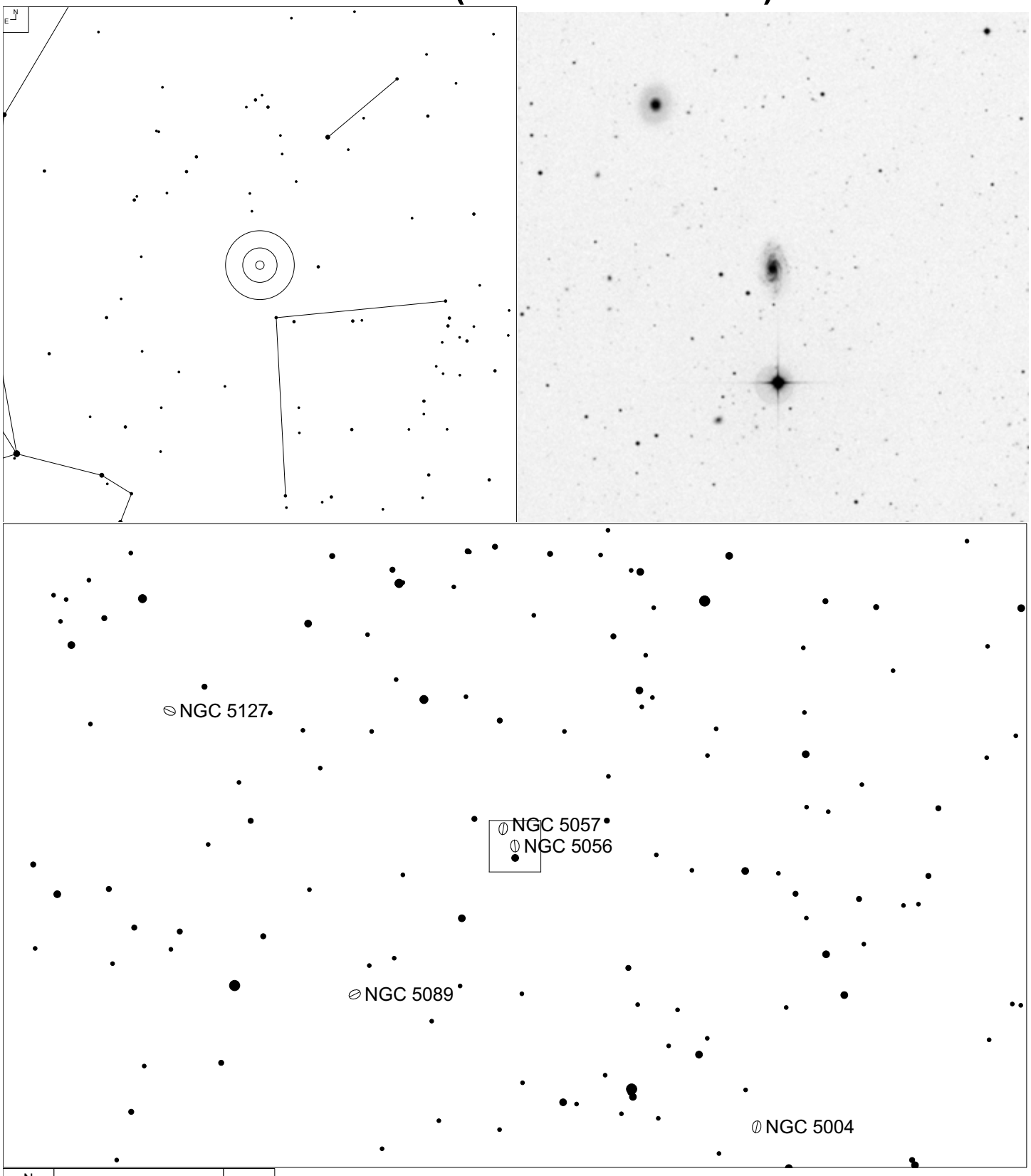
Herschel	RA	Dec	Mag	Size	Type
H I 85	13 11 37.0	+22 54 56	12.9p	2.9 x 1.7’	G SAB(rs)c

NGC 5053 (Coma Berenices)



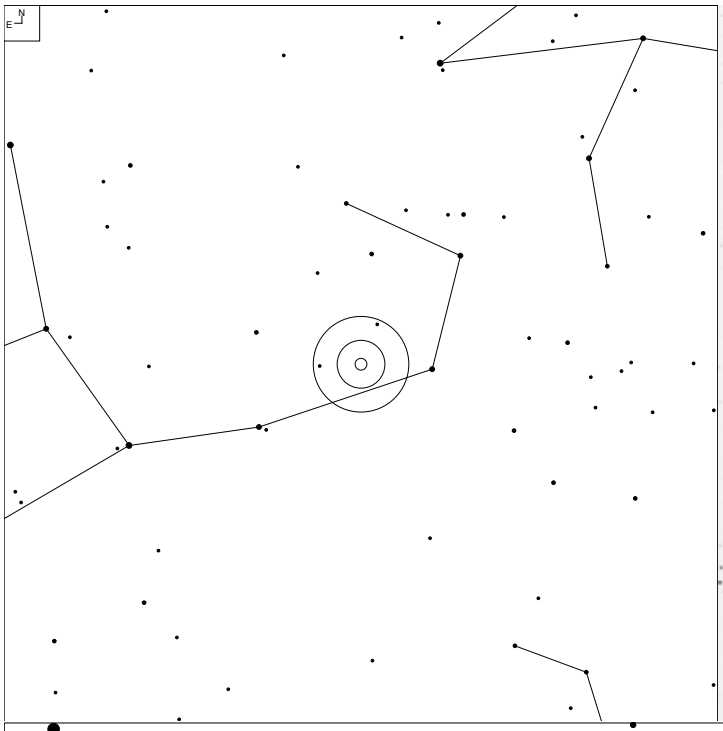
Herschel	RA	Dec	Mag	Size	Type
H VI 7	13 16 26.9	+17 41 52	9.0	10’	GC Class XI

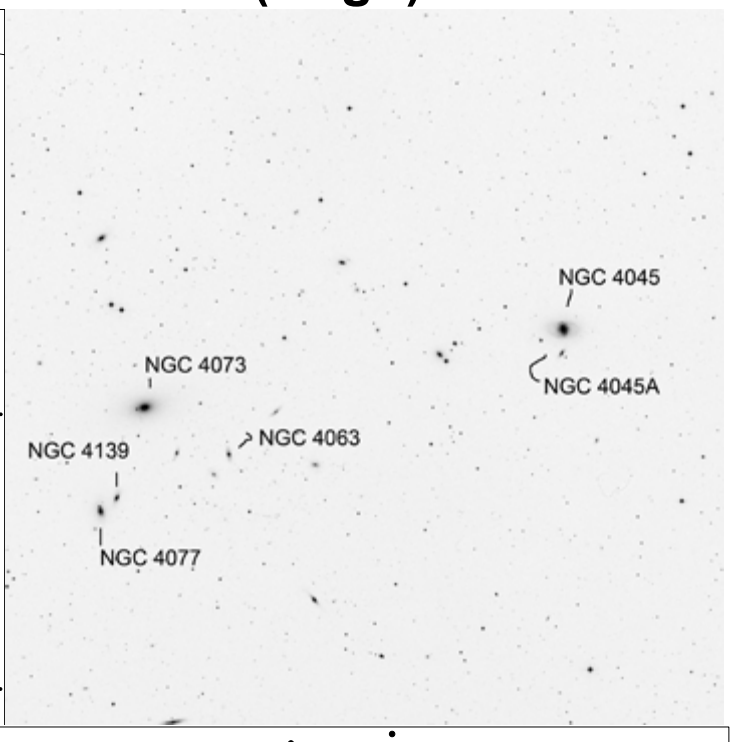
NGC 5056 (Coma Berenices)

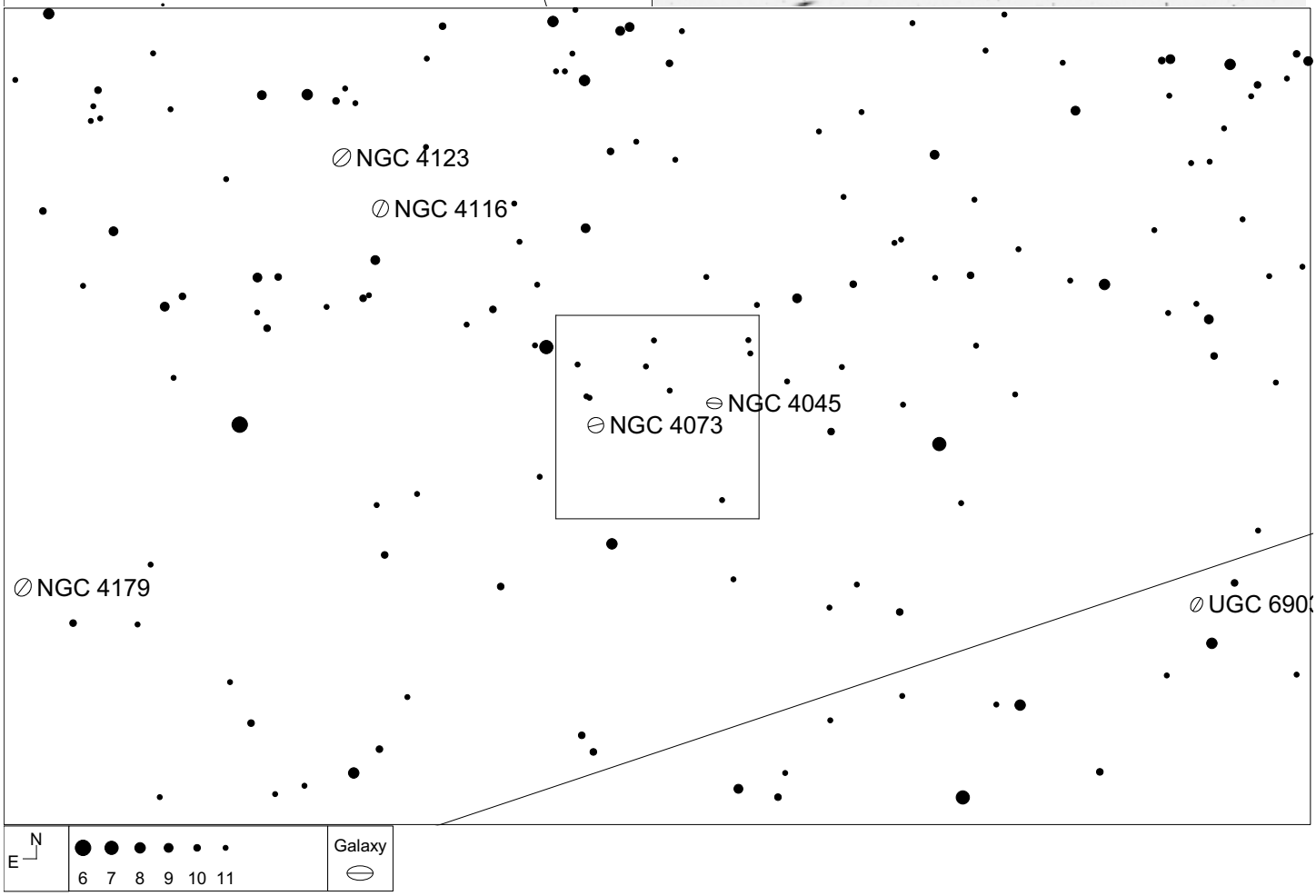


Herschel	RA	Dec	Mag	Size	Type
H III 306	13 16 12.3	+30 57 00	13.7b	2.2 x 1.0’	G Scd:

NGC 4045 and NGC 4073 (Virgo)

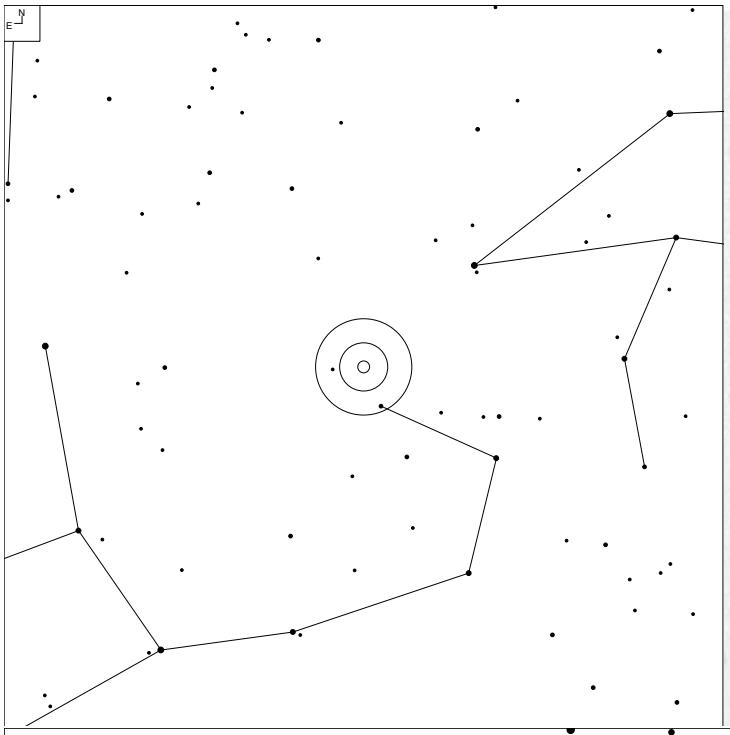


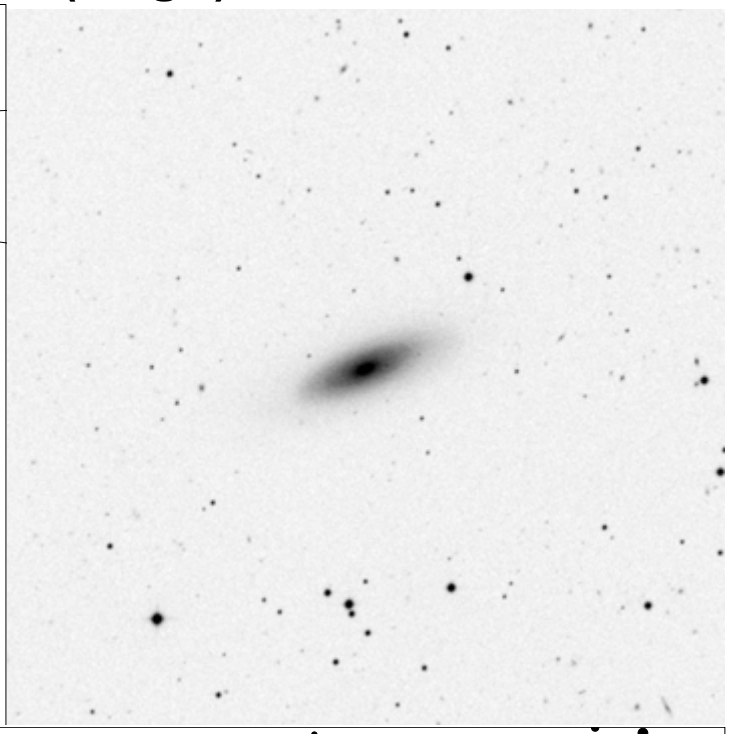


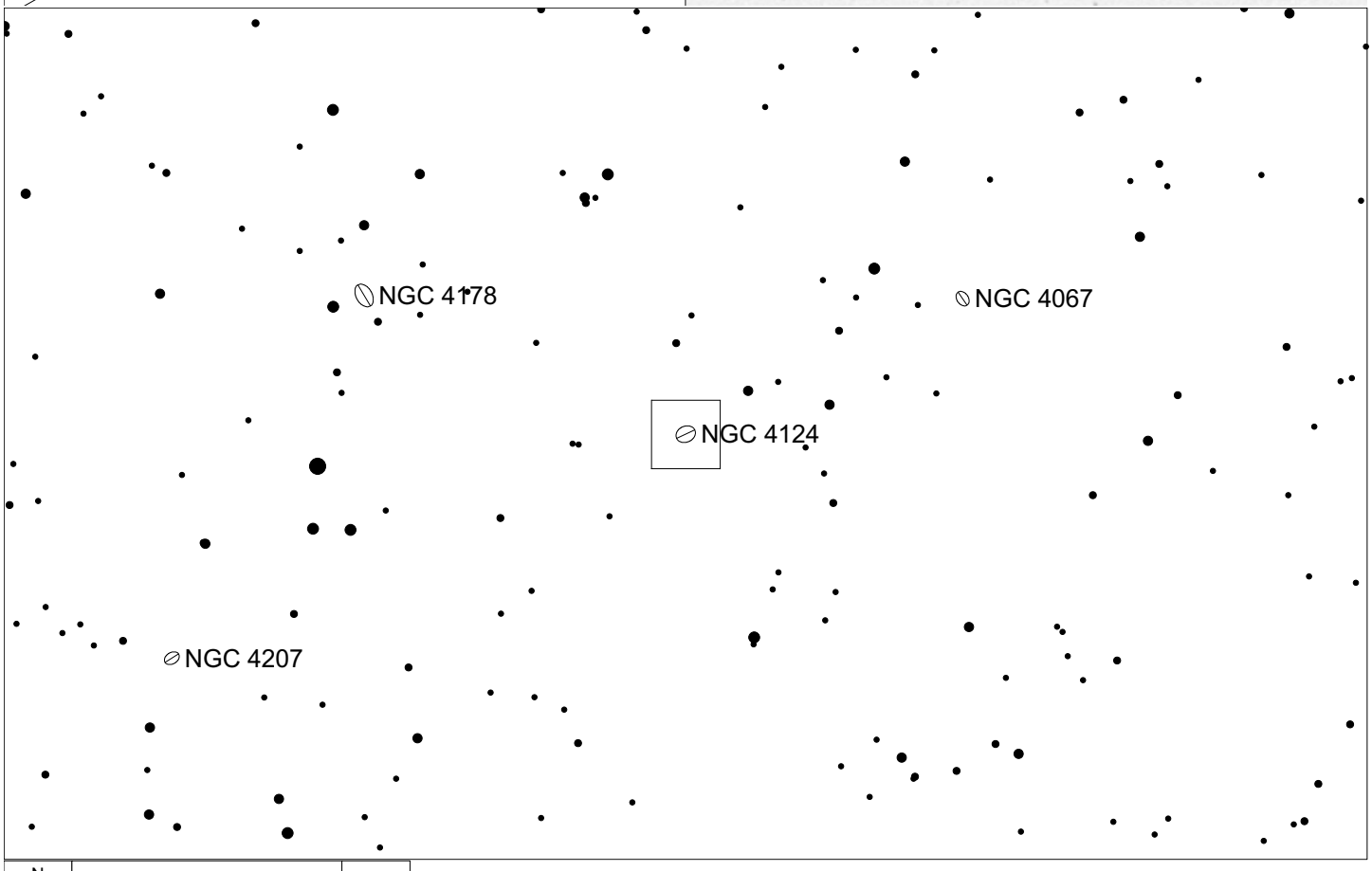


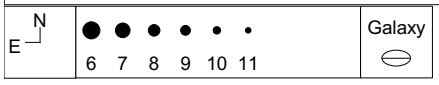
Herschel	RA	Dec	Mag	Size	Type
H II 276	12 02 42.3	+01 58 38	11.9v	3.2 x 1.3’	G SAB(r)a
H II 277	12 04 27.0	+01 53 45	11.4v	3.4 x 2.3’	G E5/S0-

NGC 4124 (Virgo)



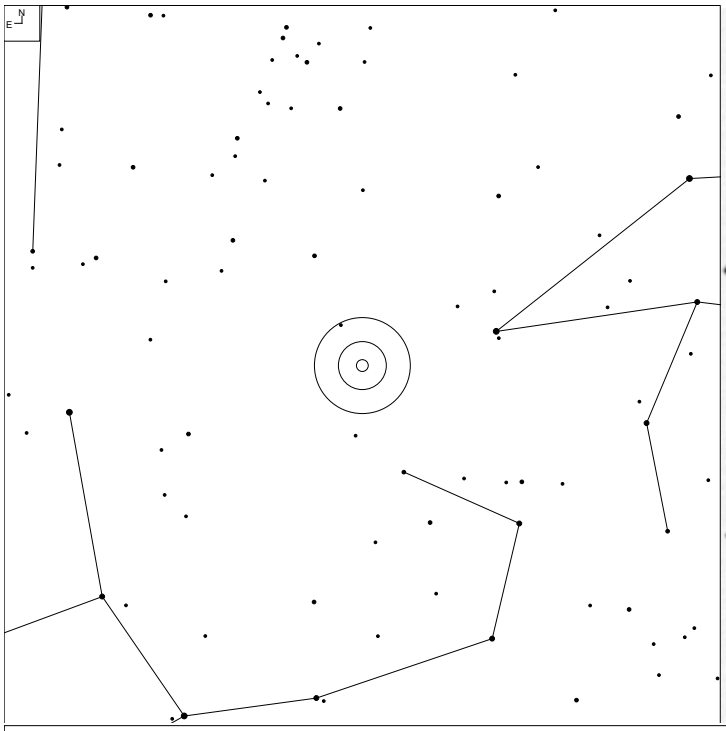


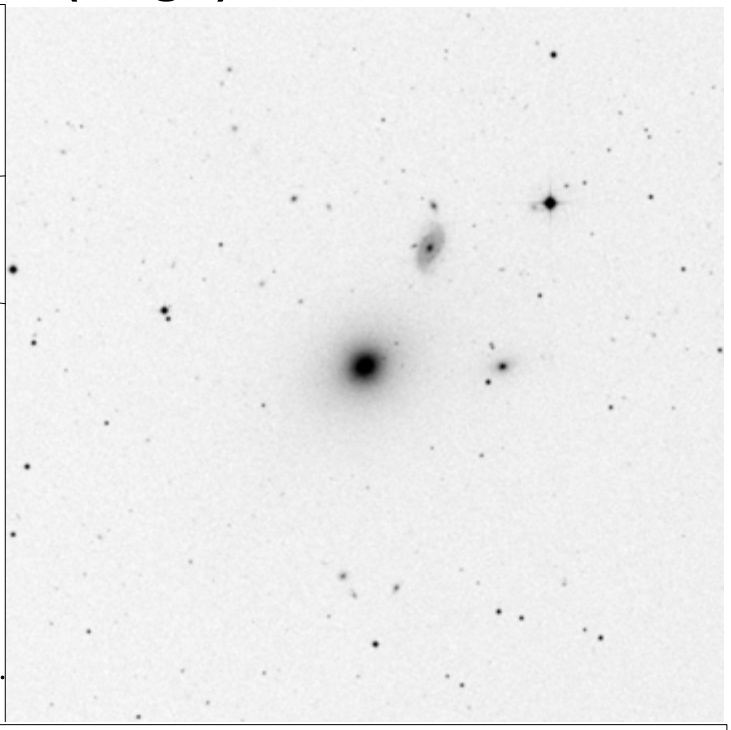


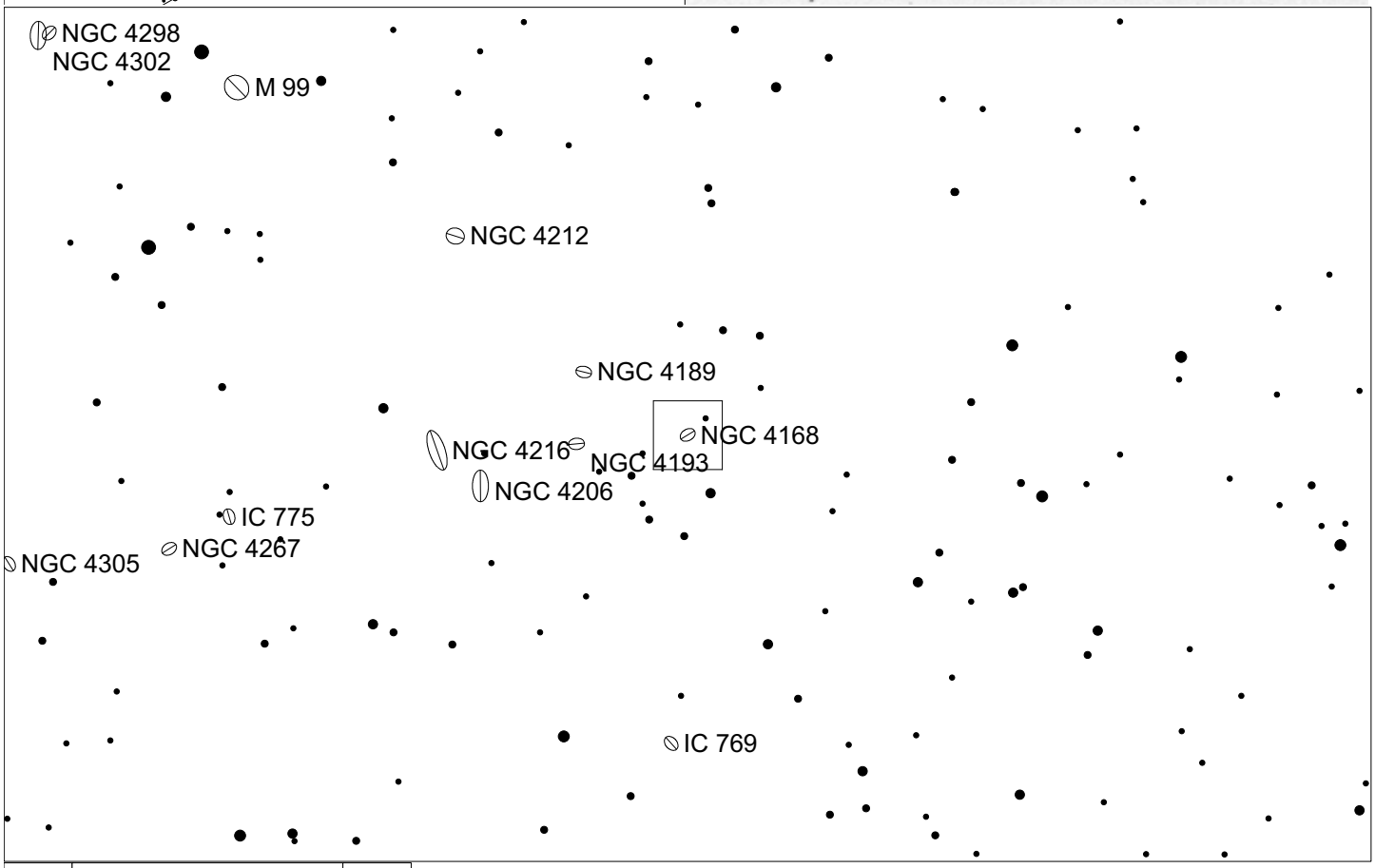


Herschel	RA	Dec	Mag	Size	Type
H I 33=II 60	12 08 09.7	+10 22 43	12.2b	4.2 x 1.3’	G SA(r)0+

NGC 4168 (Virgo)

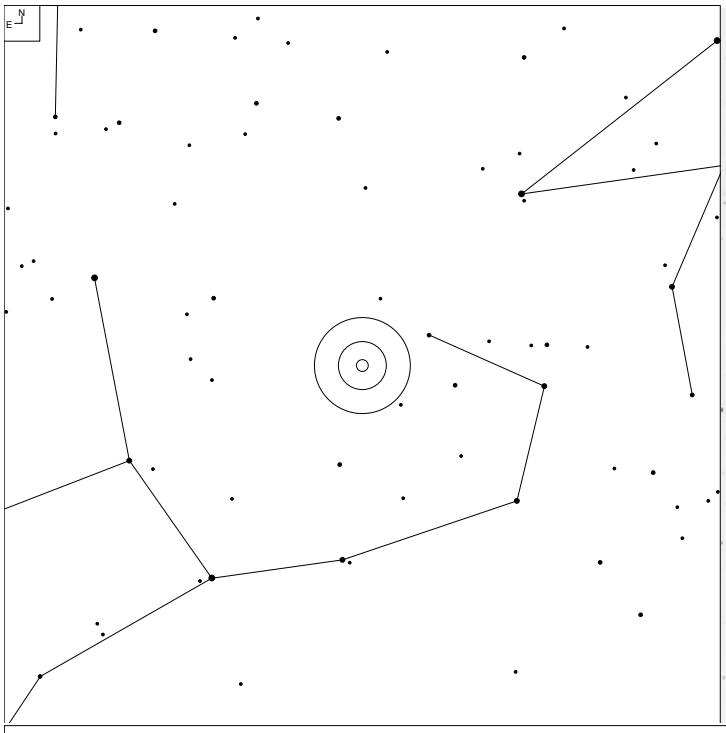


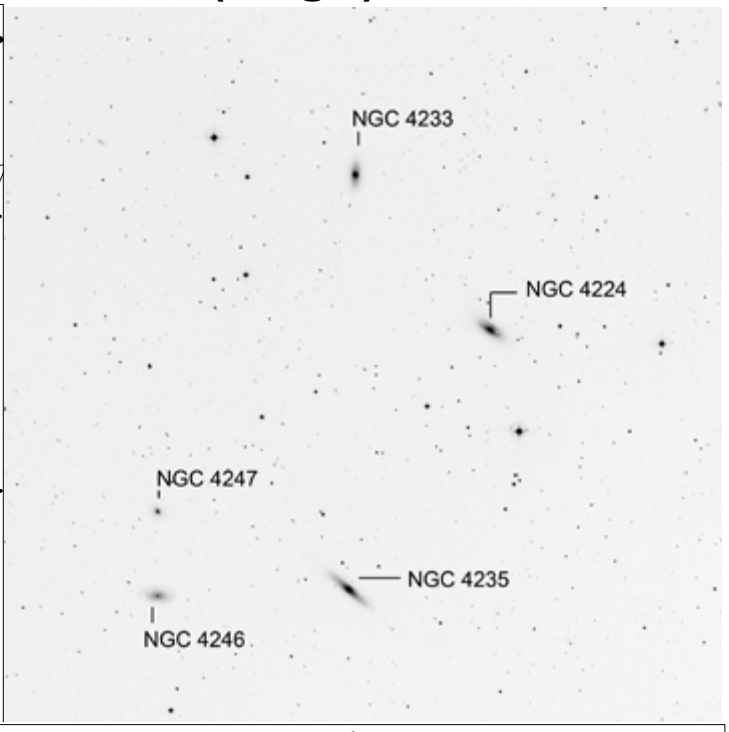


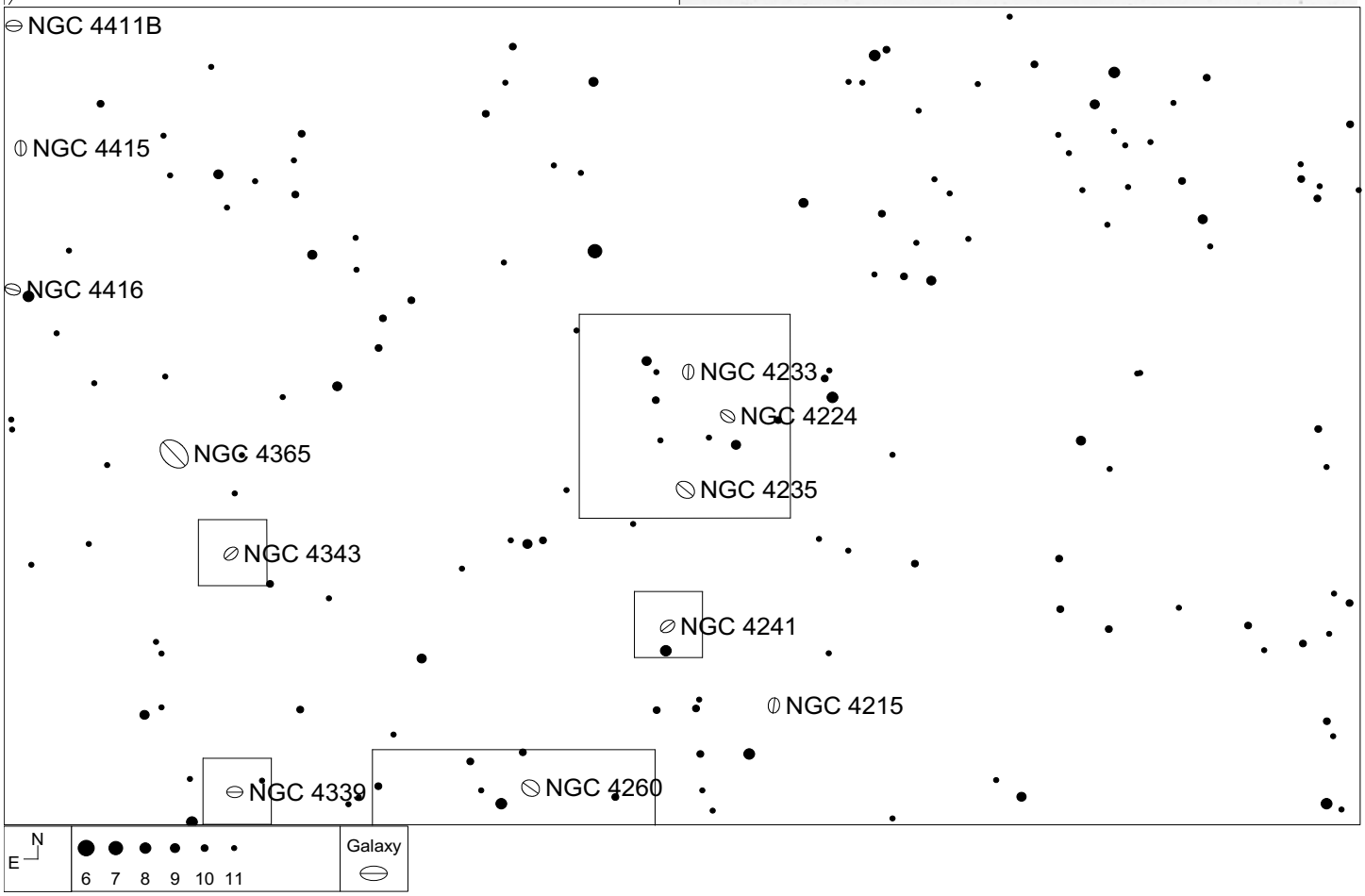


Herschel	RA	Dec	Mag	Size	Type
H II 105	12 12 17.2	+13 12 18	12.1b	3.0 x 2.6’	G E2

NGC 4224, 4233, 4235 (Virgo)

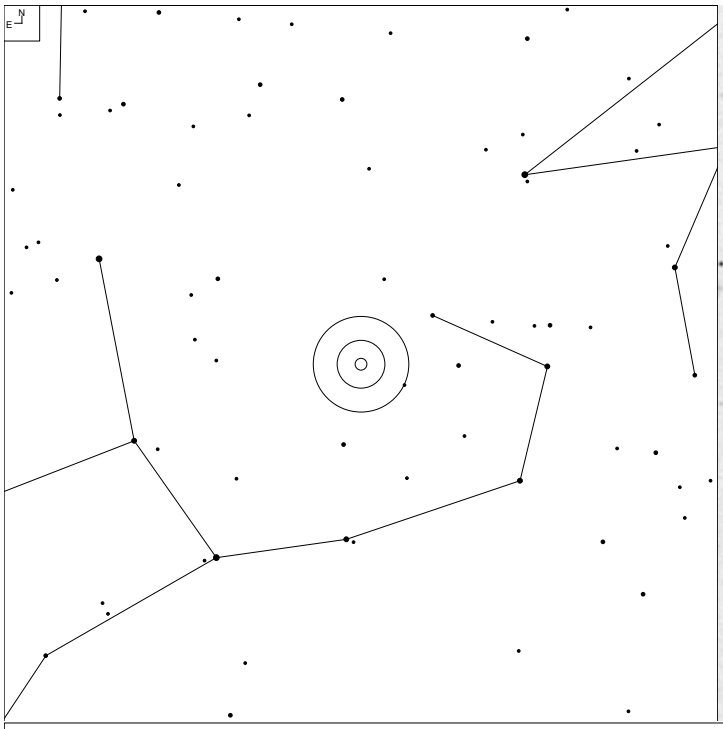


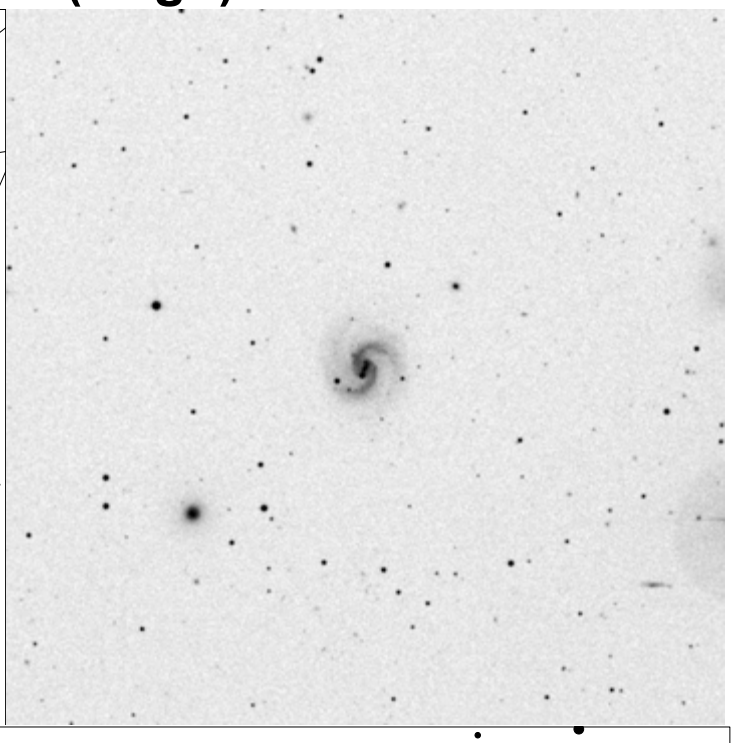


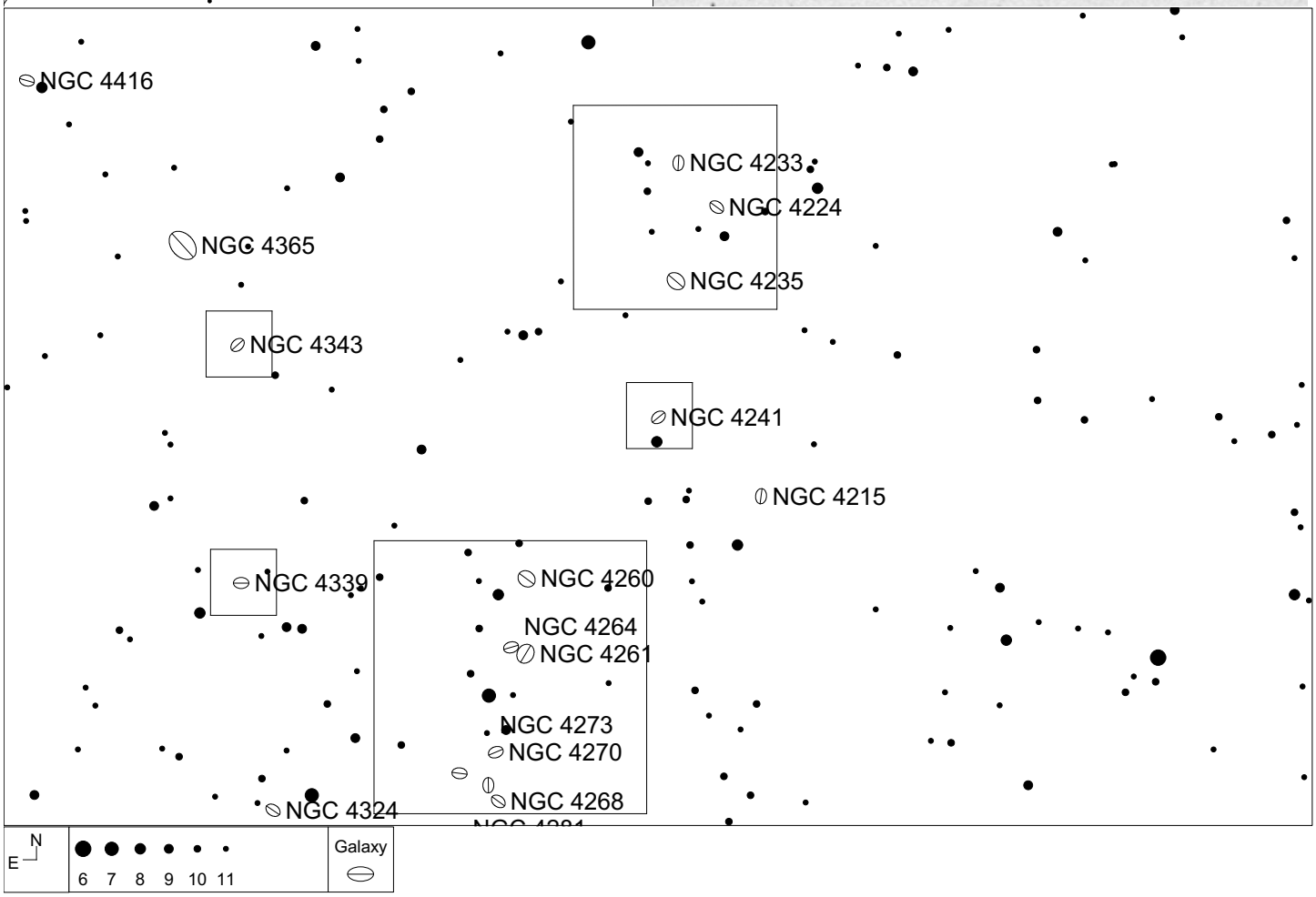


Herschel	RA	Dec	Mag	Size	Type
H II 136	12 16 33.8	+07 27 42	12.9b	2.5 x 0.9’	G SA(s)a: sp
H II 496	12 17 07.6	+07 37 26	12.9b	2.3 x 0.8’	G S0°
H II 17	12 17 09.8	+07 11 28	13.0b	2.5 x 1.3’	G SA(s)a

NGC 4241 (Virgo)

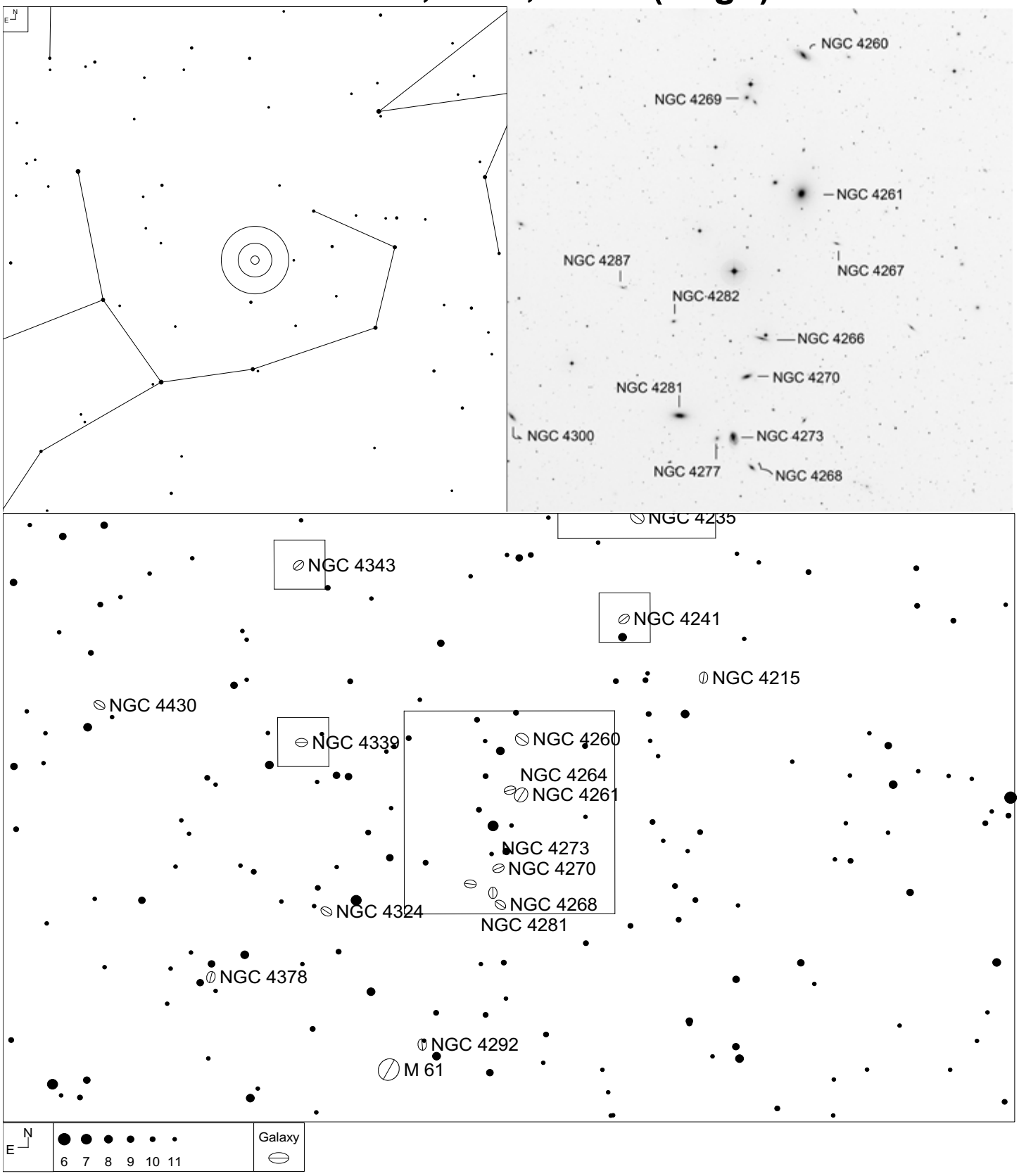






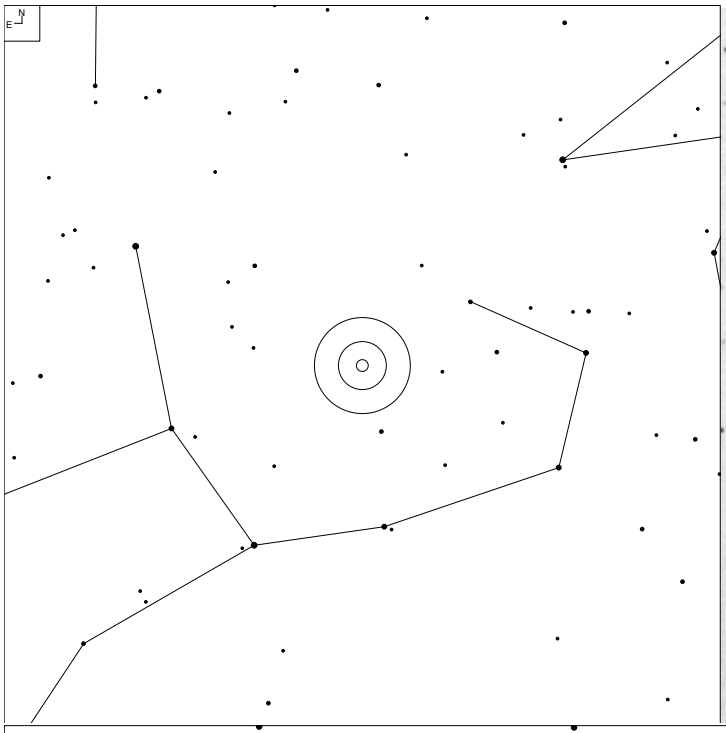
Herschel	RA	Dec	Mag	Size	Type
H III 480	12 17 59.8	+06 39 16	13.0b	2.5 x 1.3’	G SB(s)cd

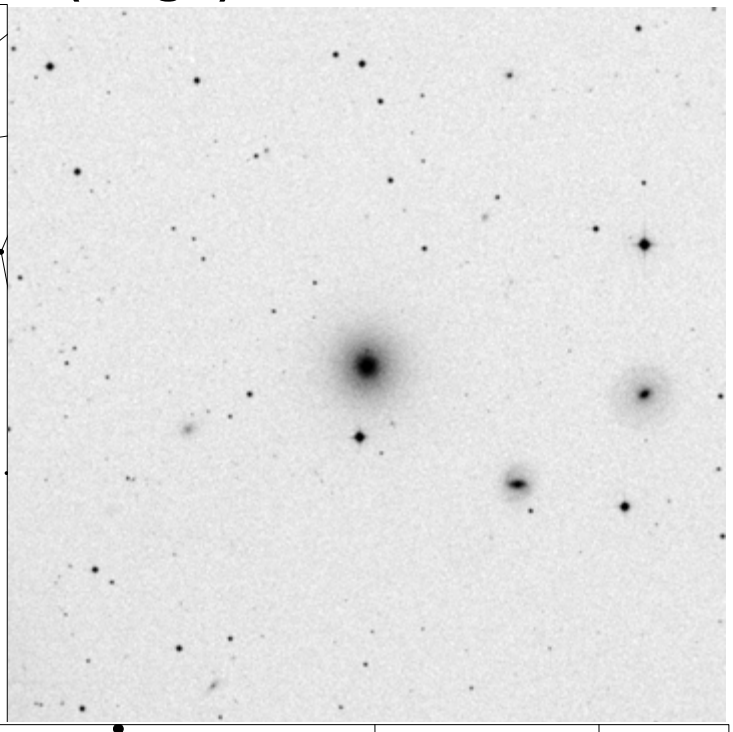
NGC 4260, 4264, 4270 (Virgo)

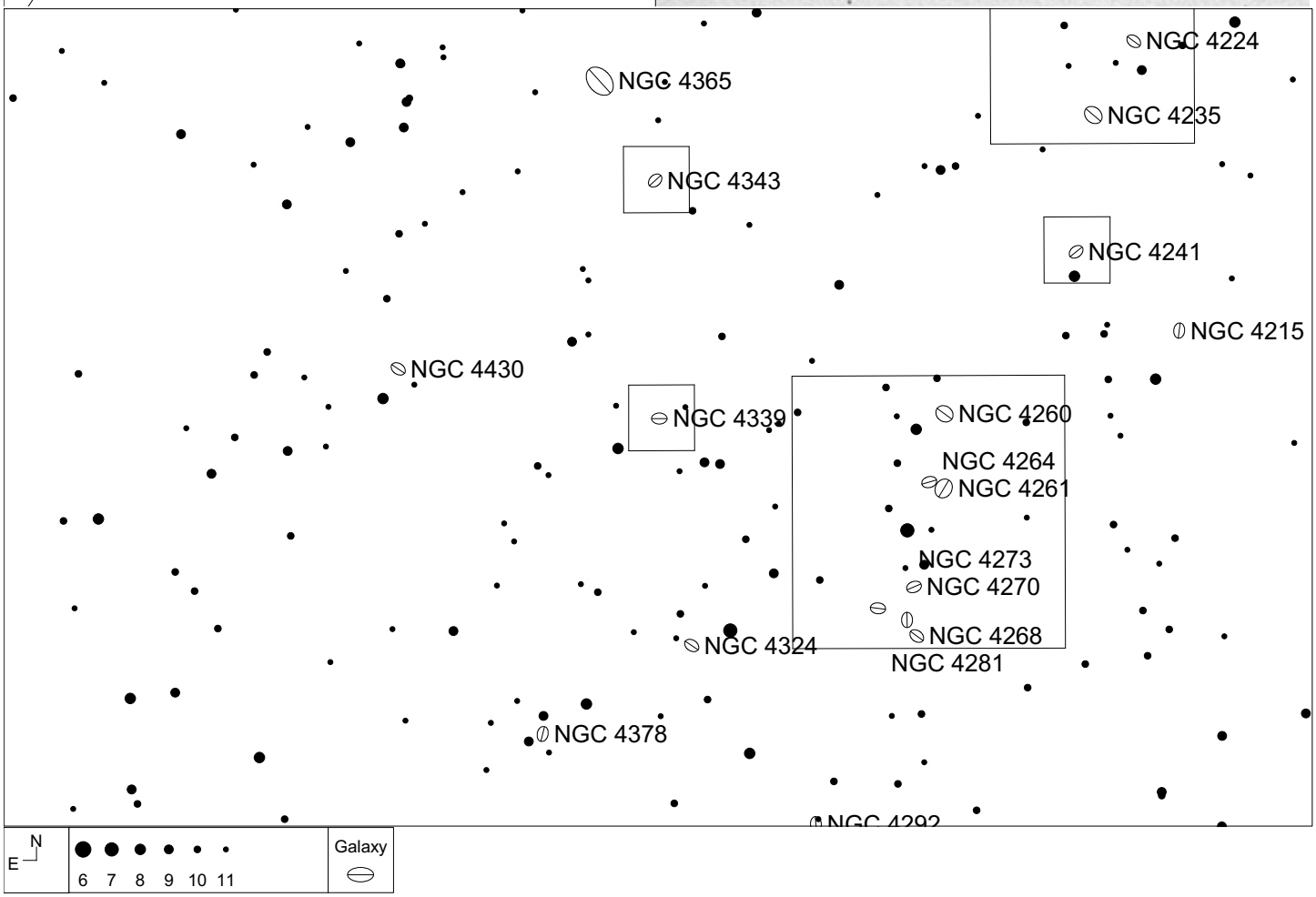


Herschel	RA	Dec	Mag	Size	Type
H II 138	12 19 22.2	+06 05 55	11.8v	3.9 x 1.7’	G SB(s)a
H II 140	12 19 35.8	+05 50 48	12.8v	1.1 x1.0’	G SB(rs)0+
H II 568?	12 19 49.5	+05 27 48	13.1b	2.3 x 1.0’	G S0

NGC 4339 (Virgo)

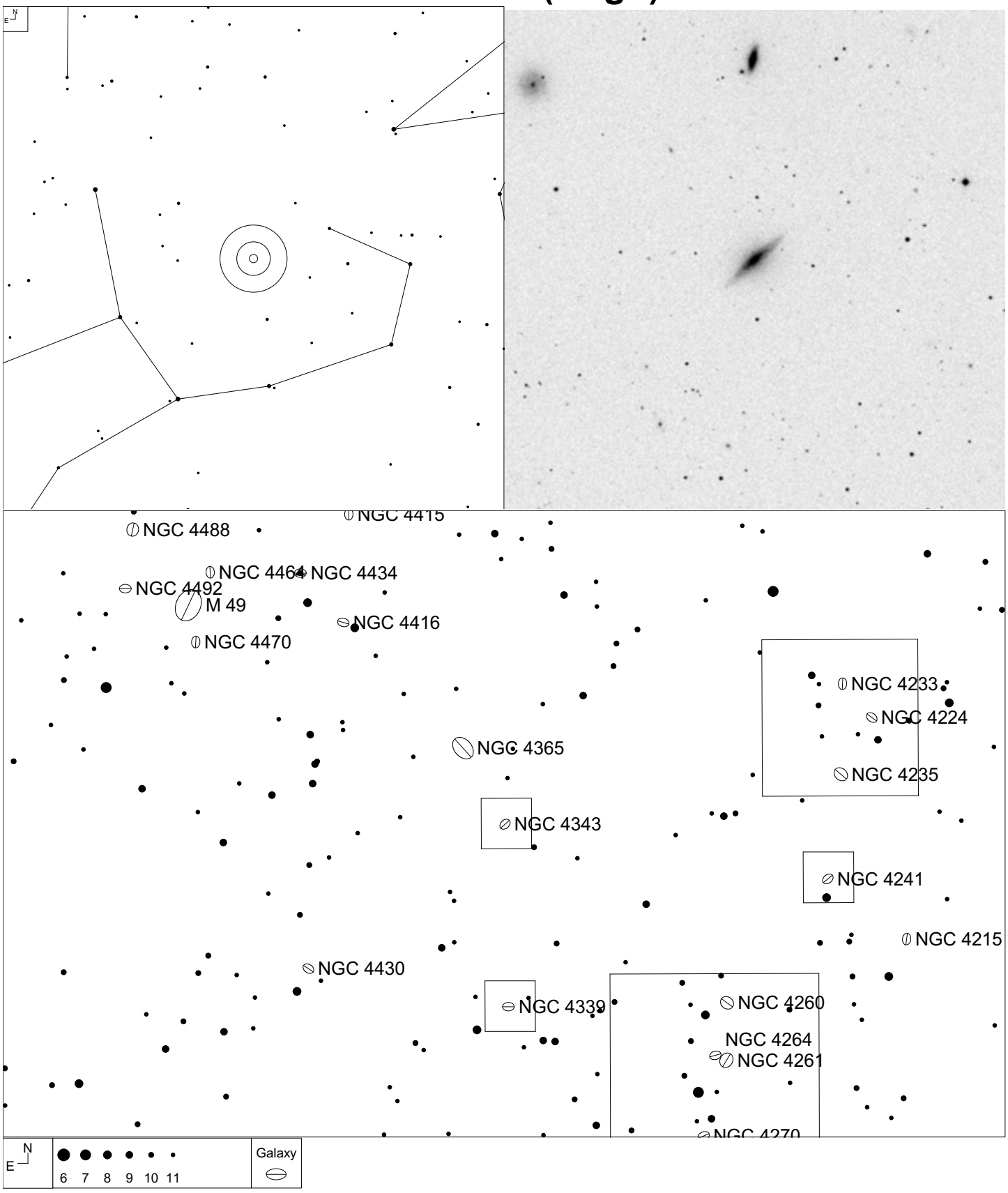






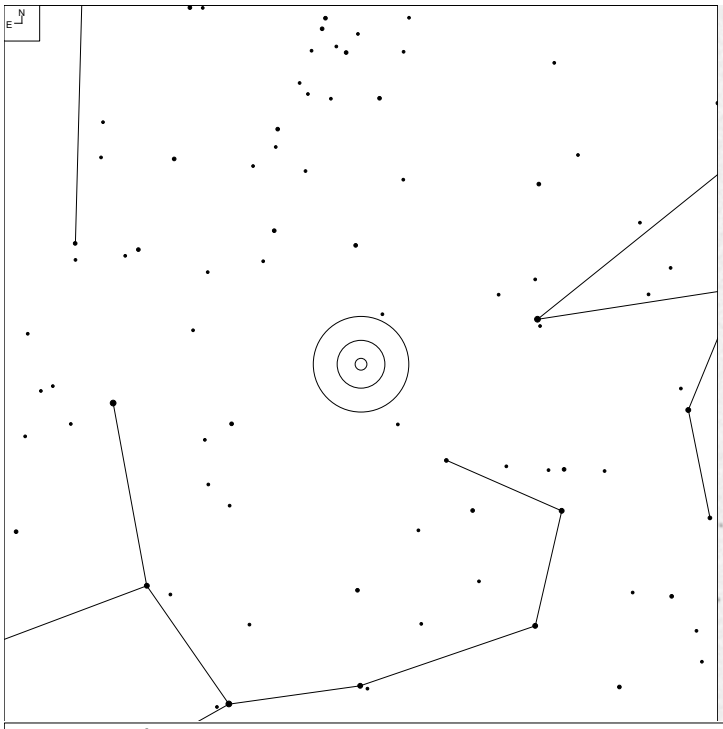
Herschel	RA	Dec	Mag	Size	Type
H II 143	12 23 35.0	+06 04 54	12.3b	2.2 x 2.2’	G E0

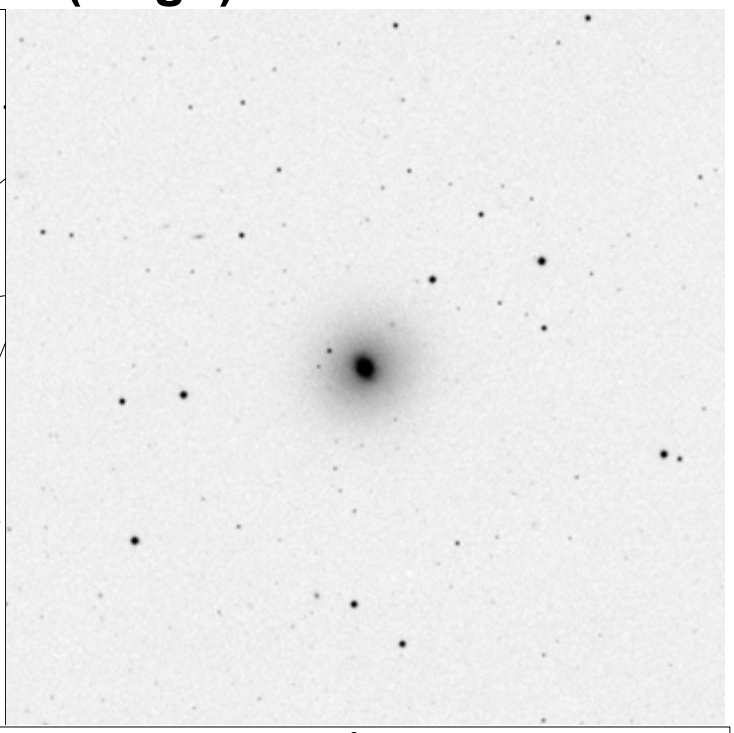
NGC 4343 (Virgo)

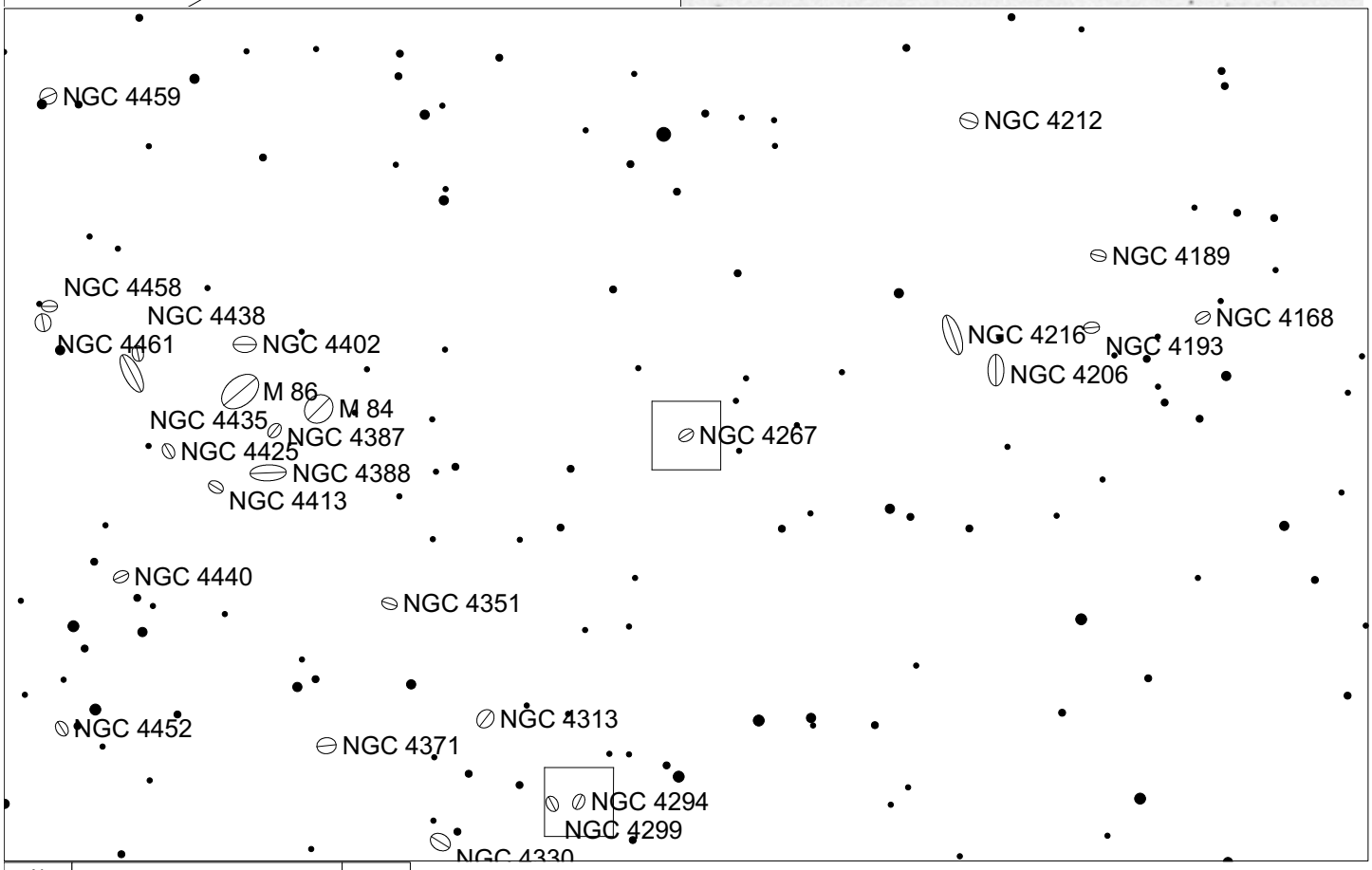


Herschel	RA	Dec	Mag	Size	Type
H III 942	12 23 38.8	+06 57 15	13.1b	2.9 x 0.9’	G SA(rs)b:

NGC 4267 (Virgo)

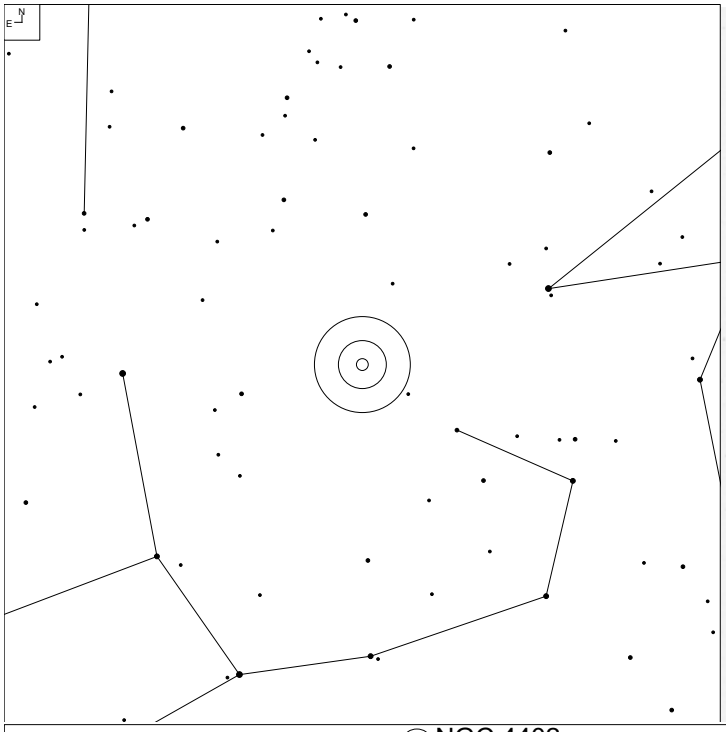


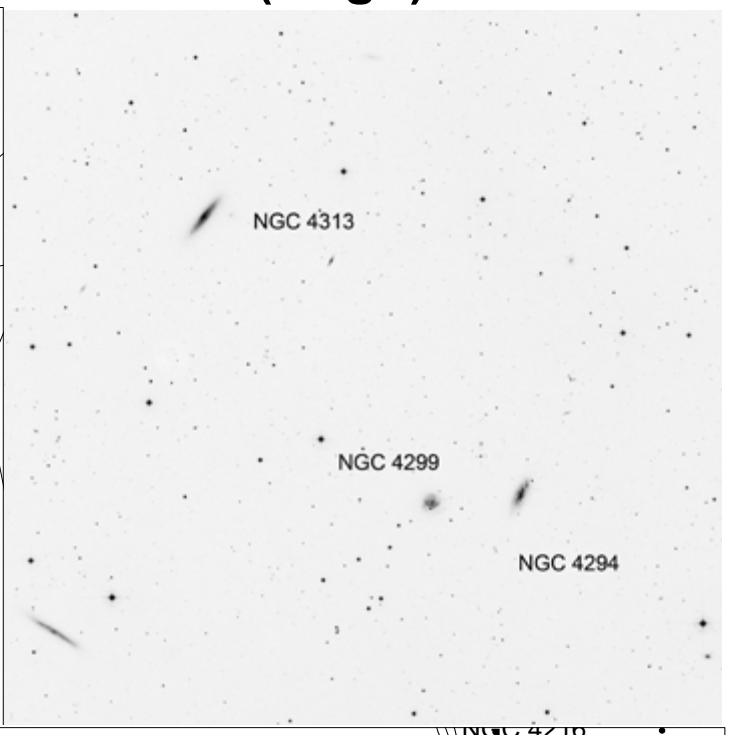


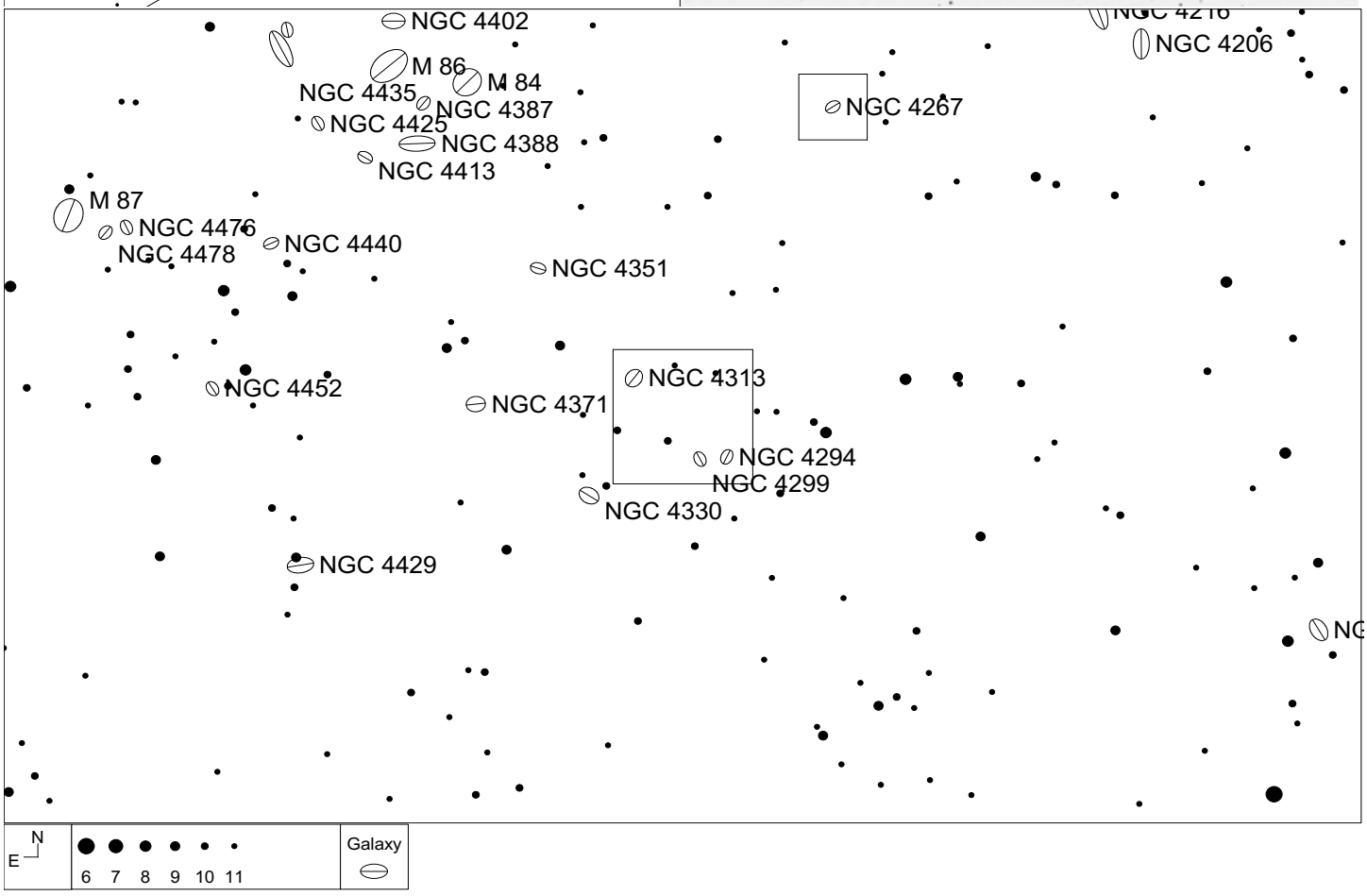


Herschel	RA	Dec	Mag	Size	Type
H II 166	12 19 45.2	+12 47 54	11.9b	3.2 x 2.9’	G SB(s)0-?

NGC 4294, 4299 and 4313 (Virgo)

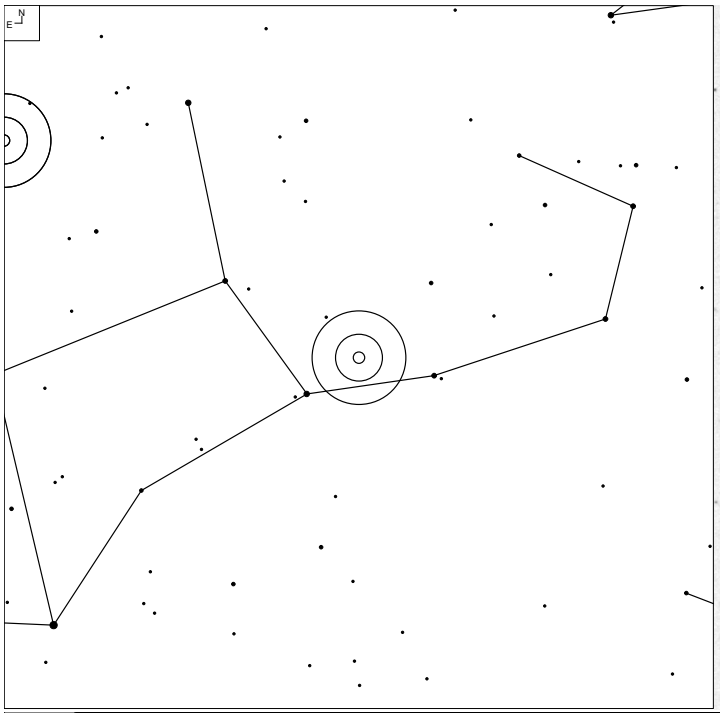


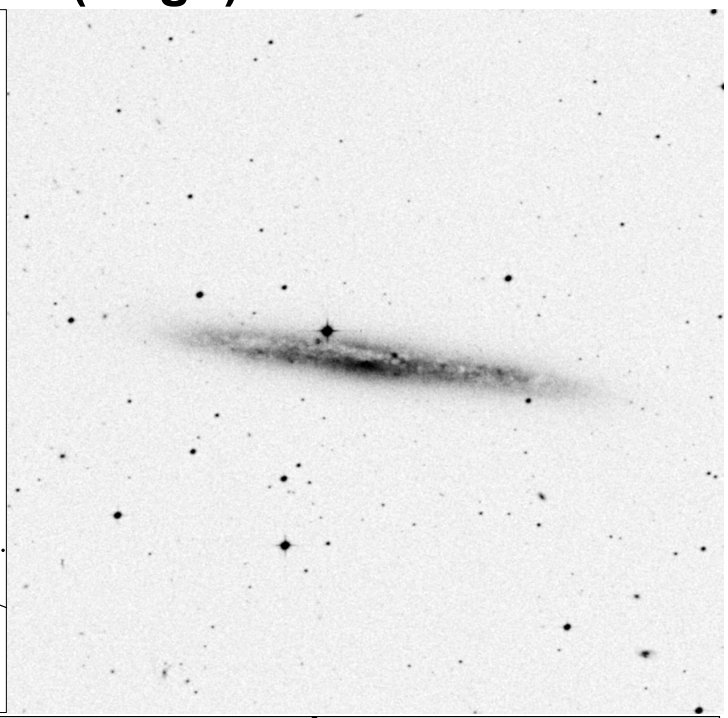


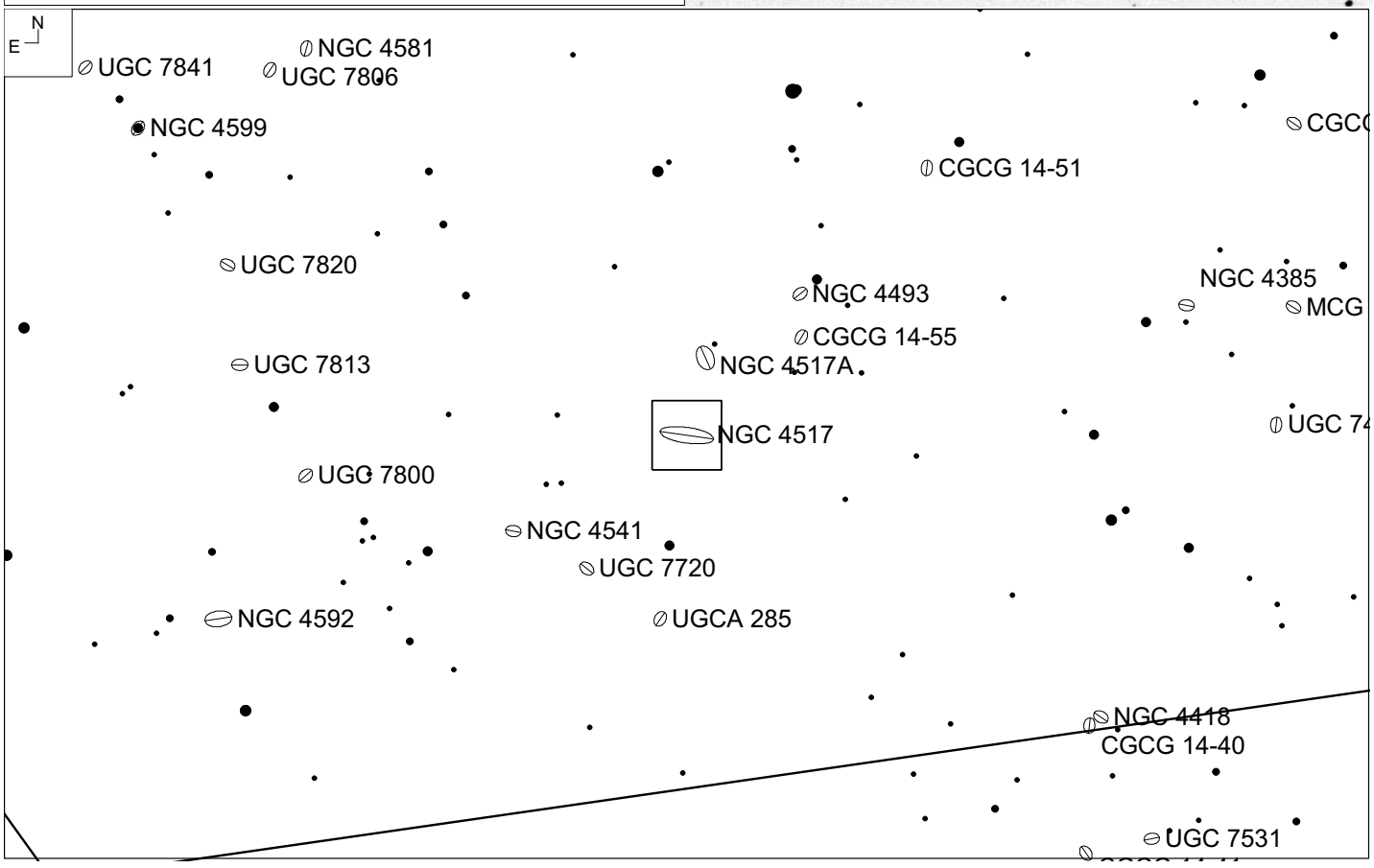


Herschel	RA	Dec	Mag	Size	Type
H II 61	12 21 17.8	+11 30 37	12.5b	3.2 x 1.2’	G SB(s)cd
H II 62	12 21 40.8	+11 30 03	12.9b	1.7 x 1.5’	G SAB(s)dm:
H II 63	12 22 38.6	+11 48 04	12.5b	4.0 x 1.0’	G SA(rs)ab: sp

NGC 4517 (Virgo)

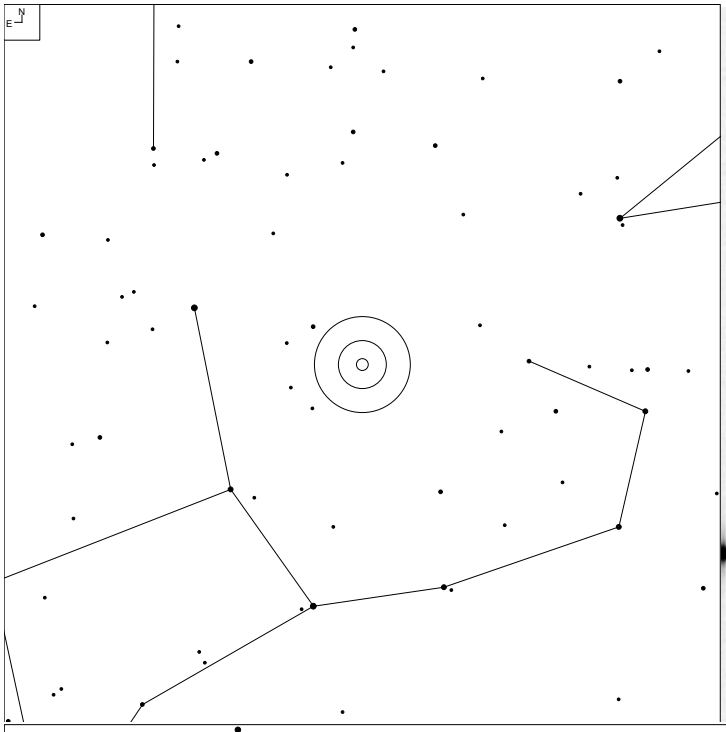


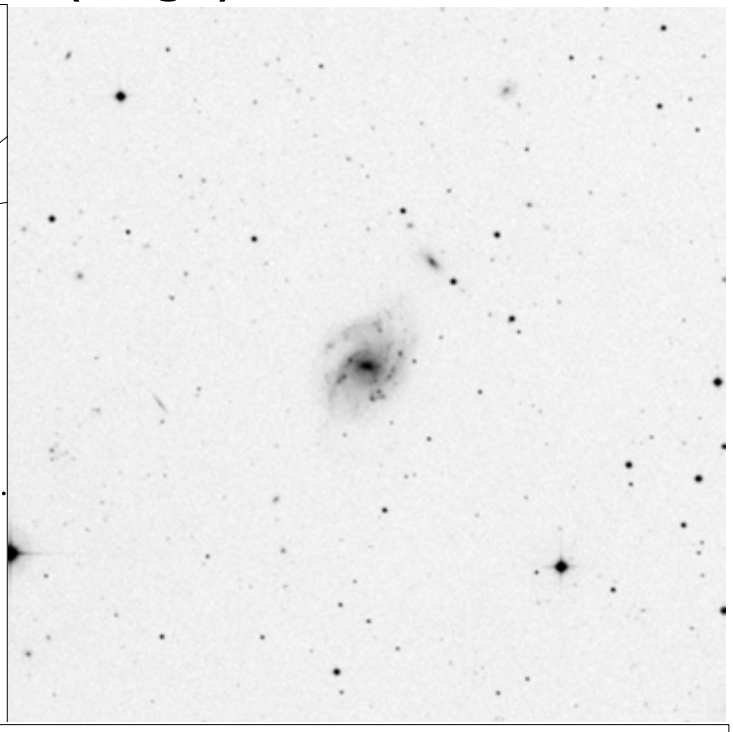


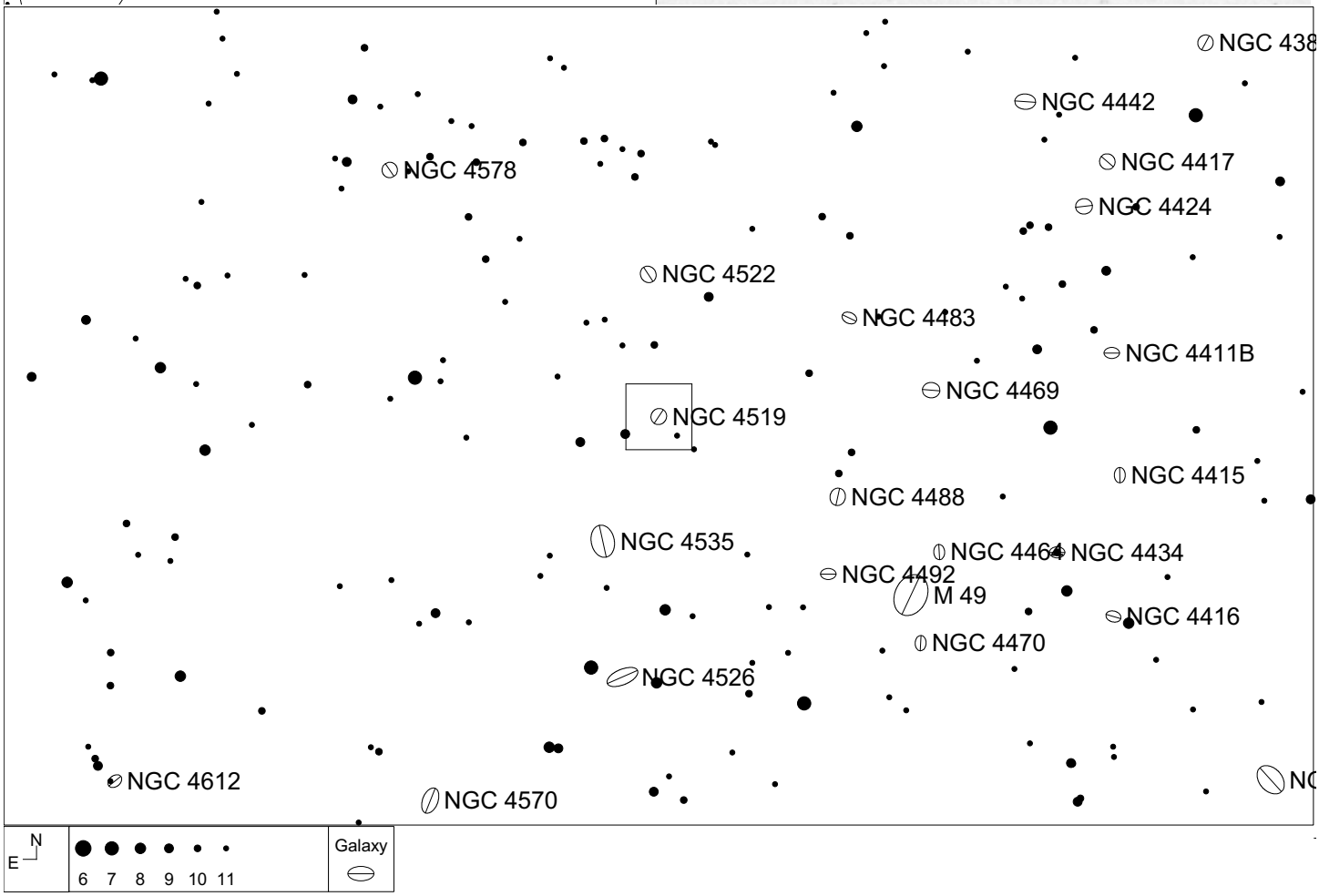


Herschel	RA	Dec	Mag	Size	Type
H IV 5	12 32 45.6	+00 06 54	11.1b	10.7 x 1.5’	SA(s)cd: sp

NGC 4519 (Virgo)

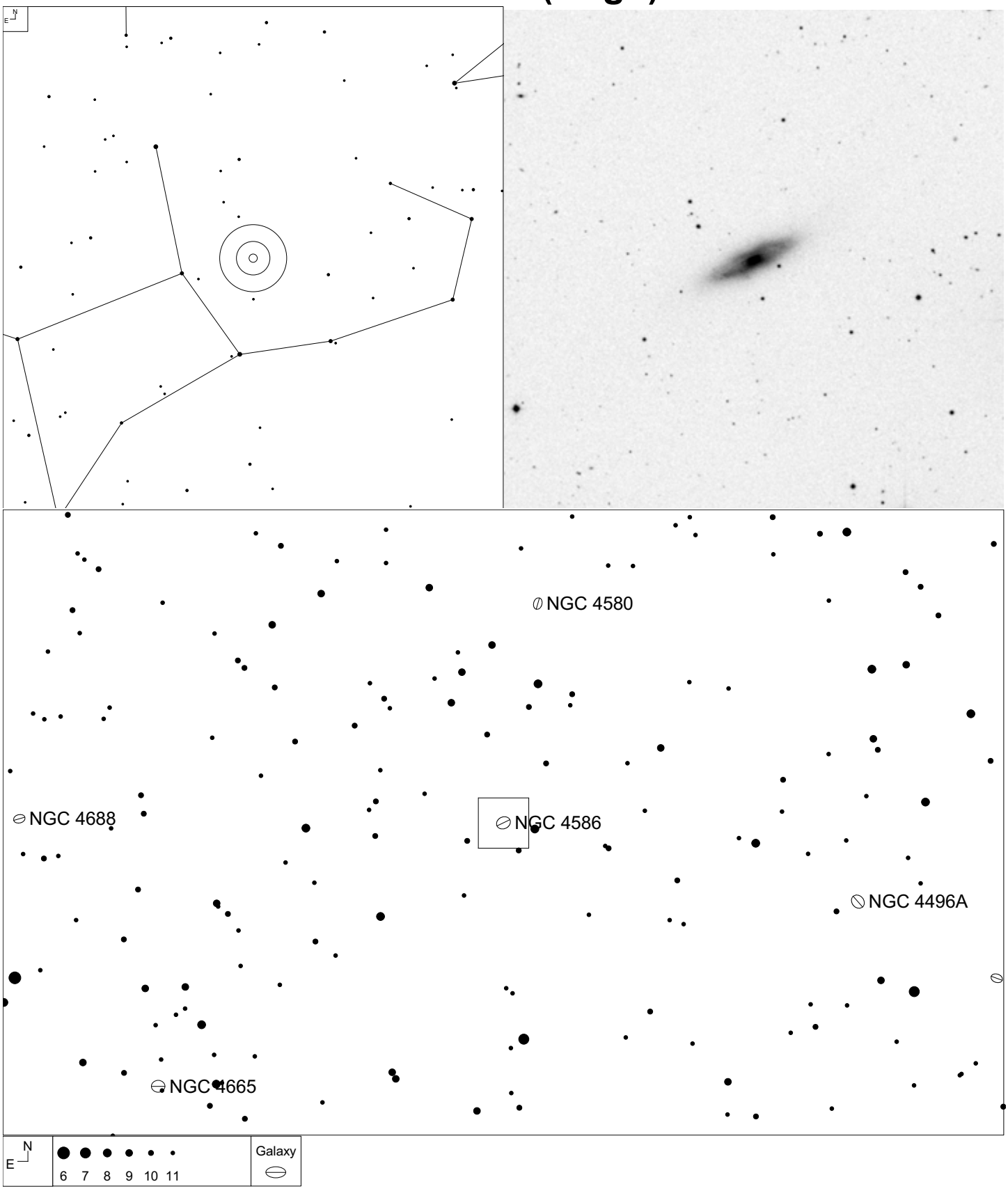






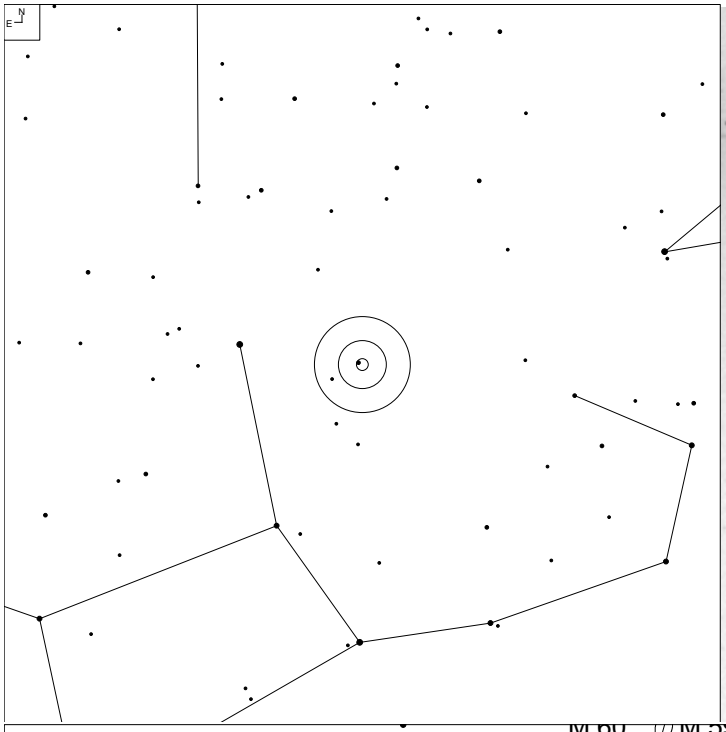
Herschel	RA	Dec	Mag	Size	Type
H II 158	12 33 30.3	+08 39 16	12.3b	3.5 x 2.4’	G SB(rs)d

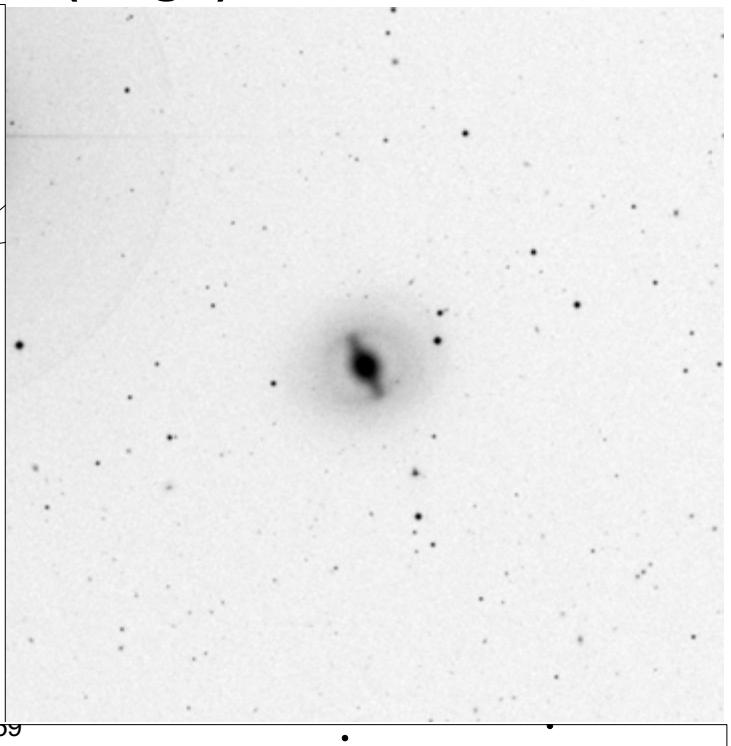
NGC 4586 (Virgo)

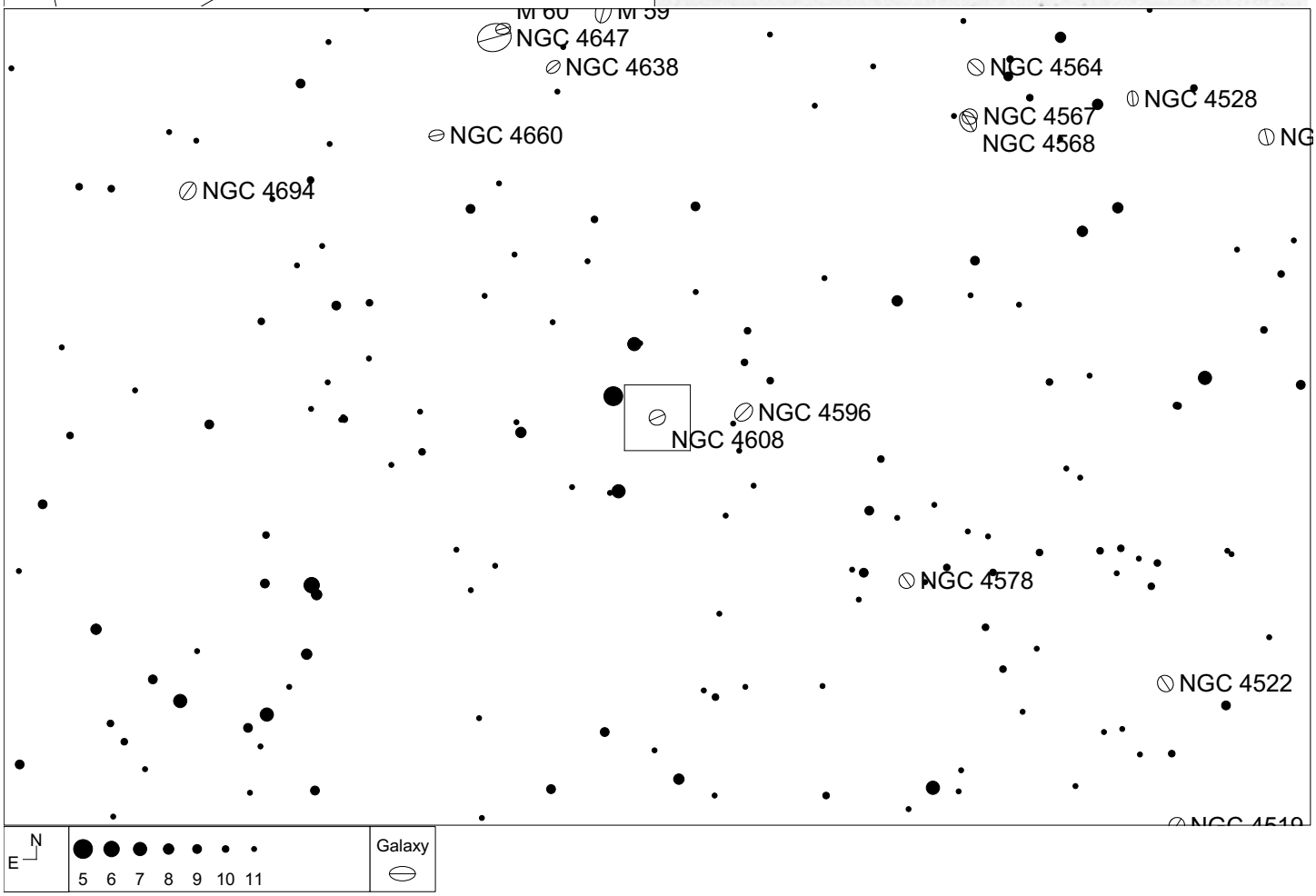


Herschel	RA	Dec	Mag	Size	Type
H I 125	12 38 28.4	+04 19 08	12.6b	4.0 x 1.3’	G SA(s)a: sp

NGC 4608 (Virgo)

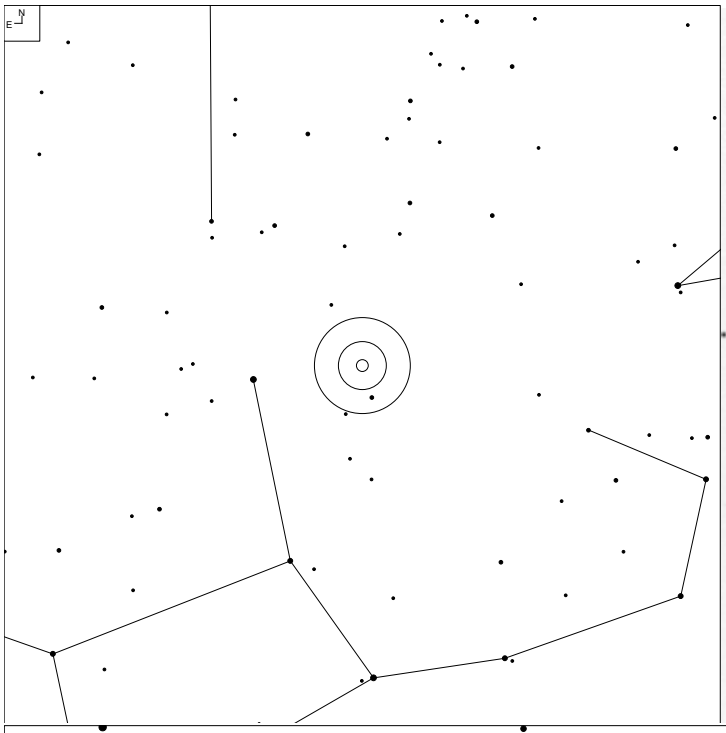


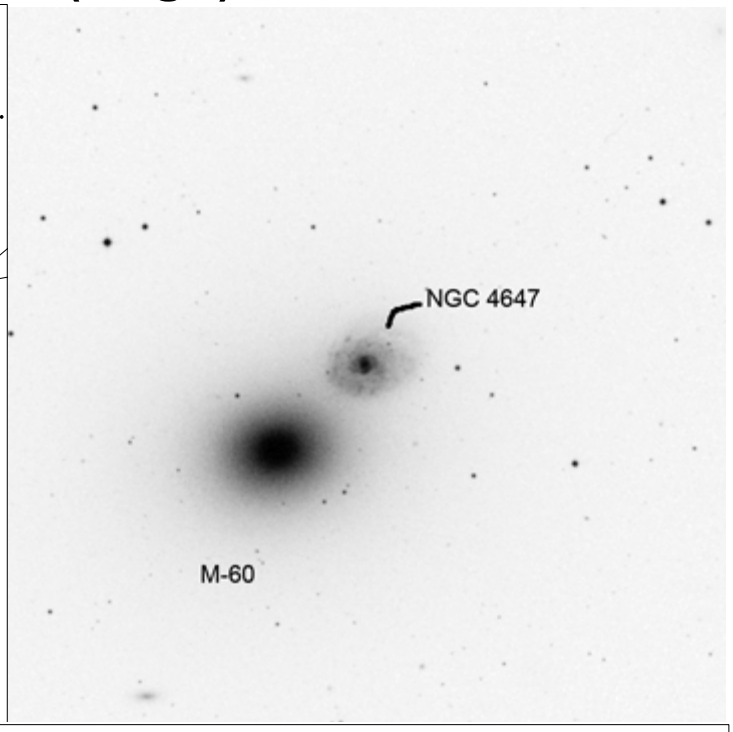


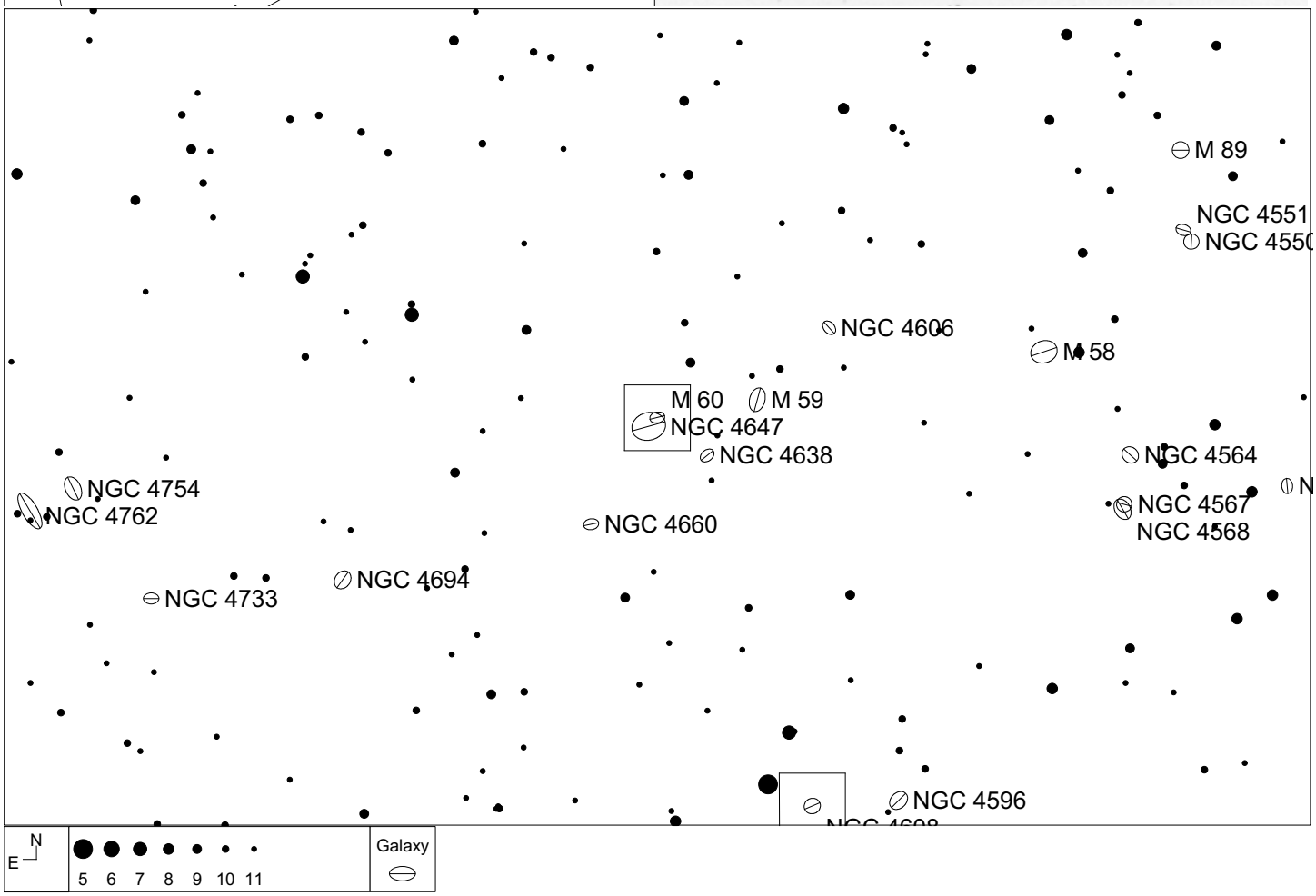


Herschel	RA	Dec	Mag	Size	Type
H II 69	12 41 13.6	+10 09 23	12.0b	3.5 x 2.6’	G SB(r)0°

NGC 4647 (Virgo)

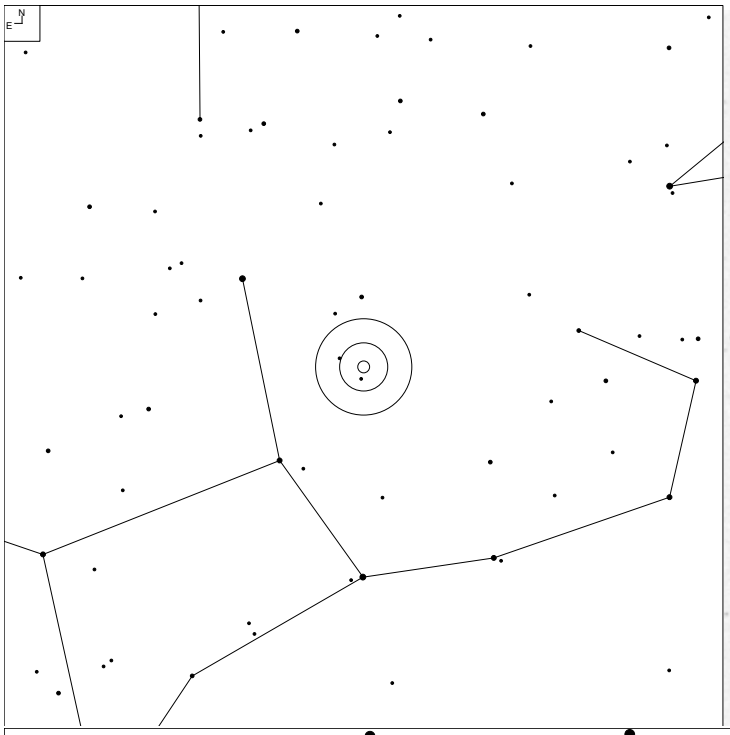


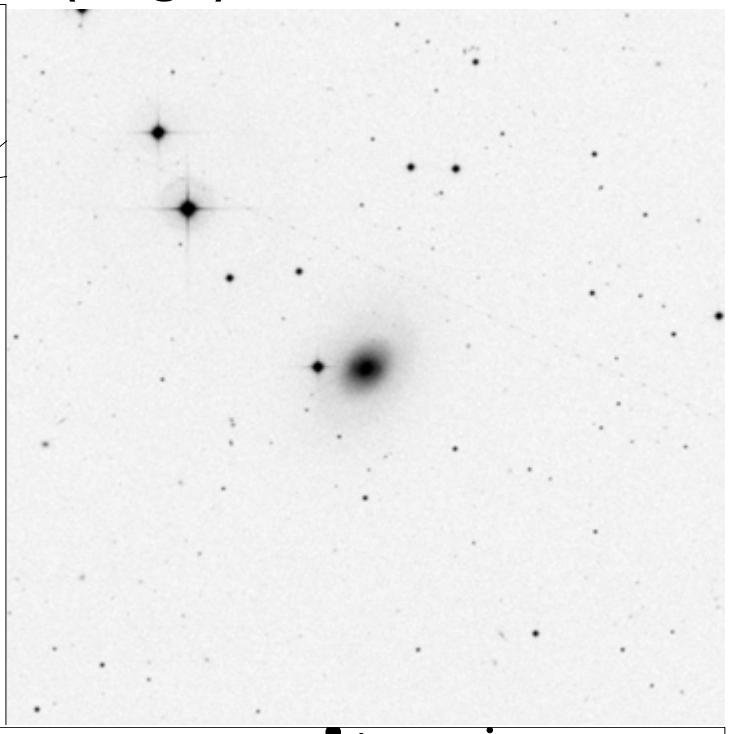


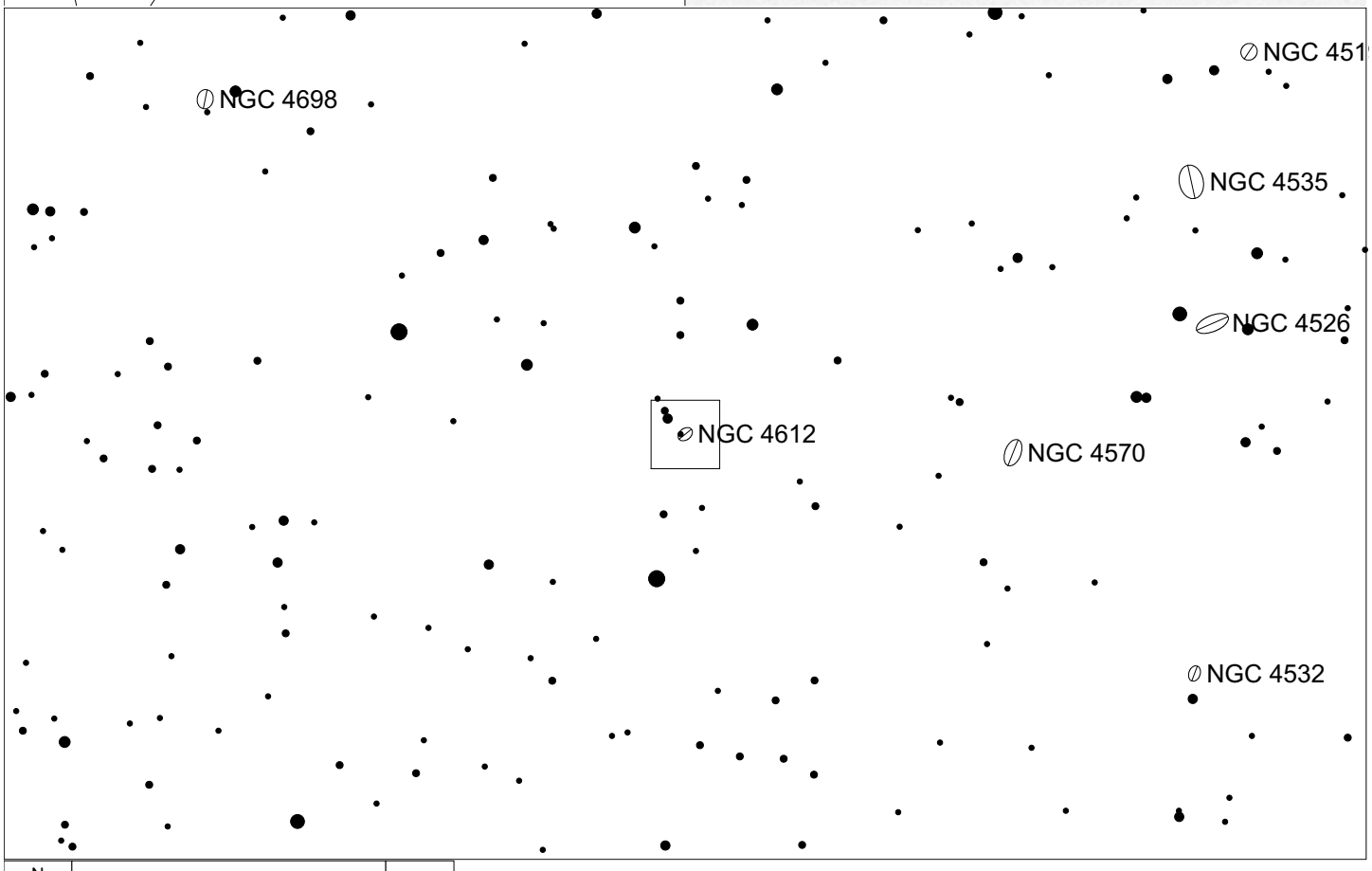


Herschel	RA	Dec	Mag	Size	Type
H III 44	12 43 32.5	+11 34 56	11.9b	2.9 x 2.3’	G SAB(rs)c

NGC 4612 (Virgo)

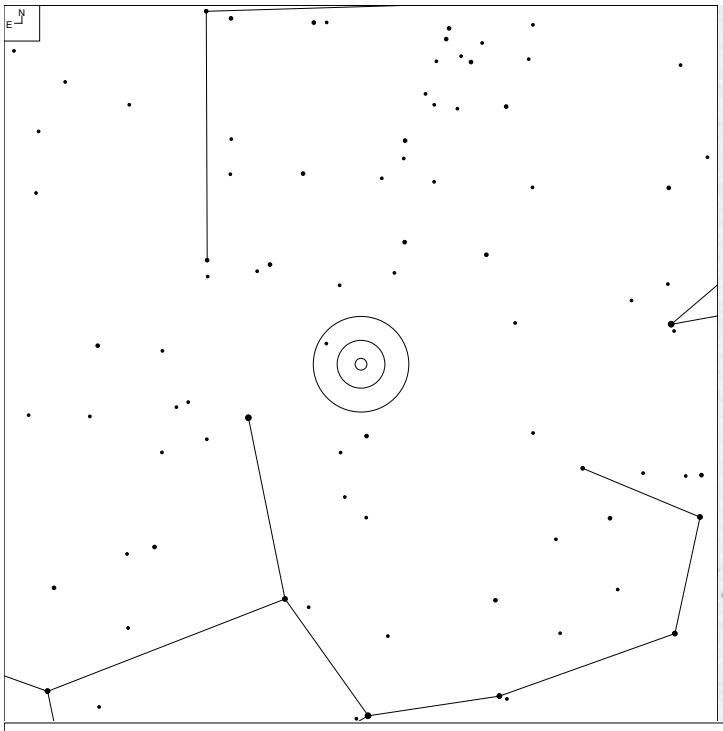


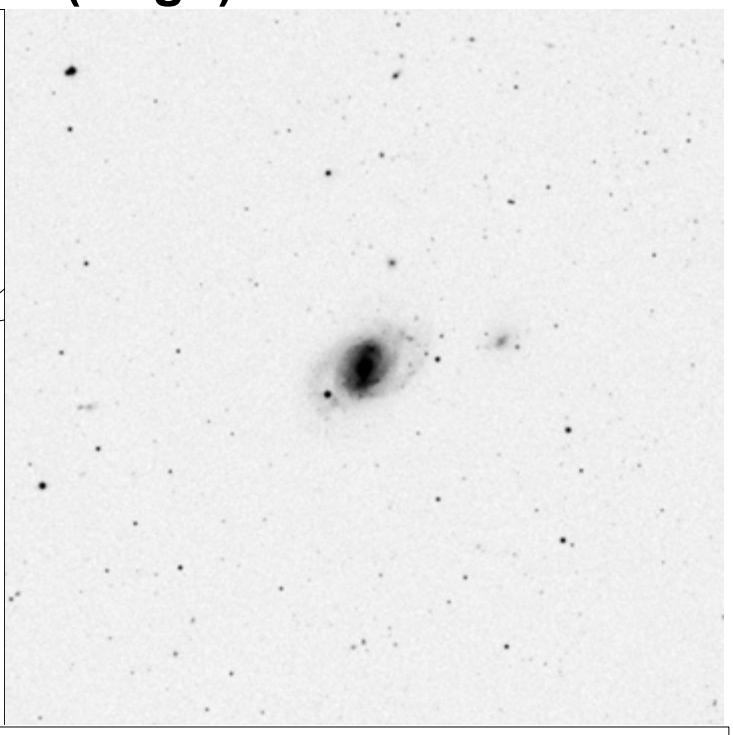


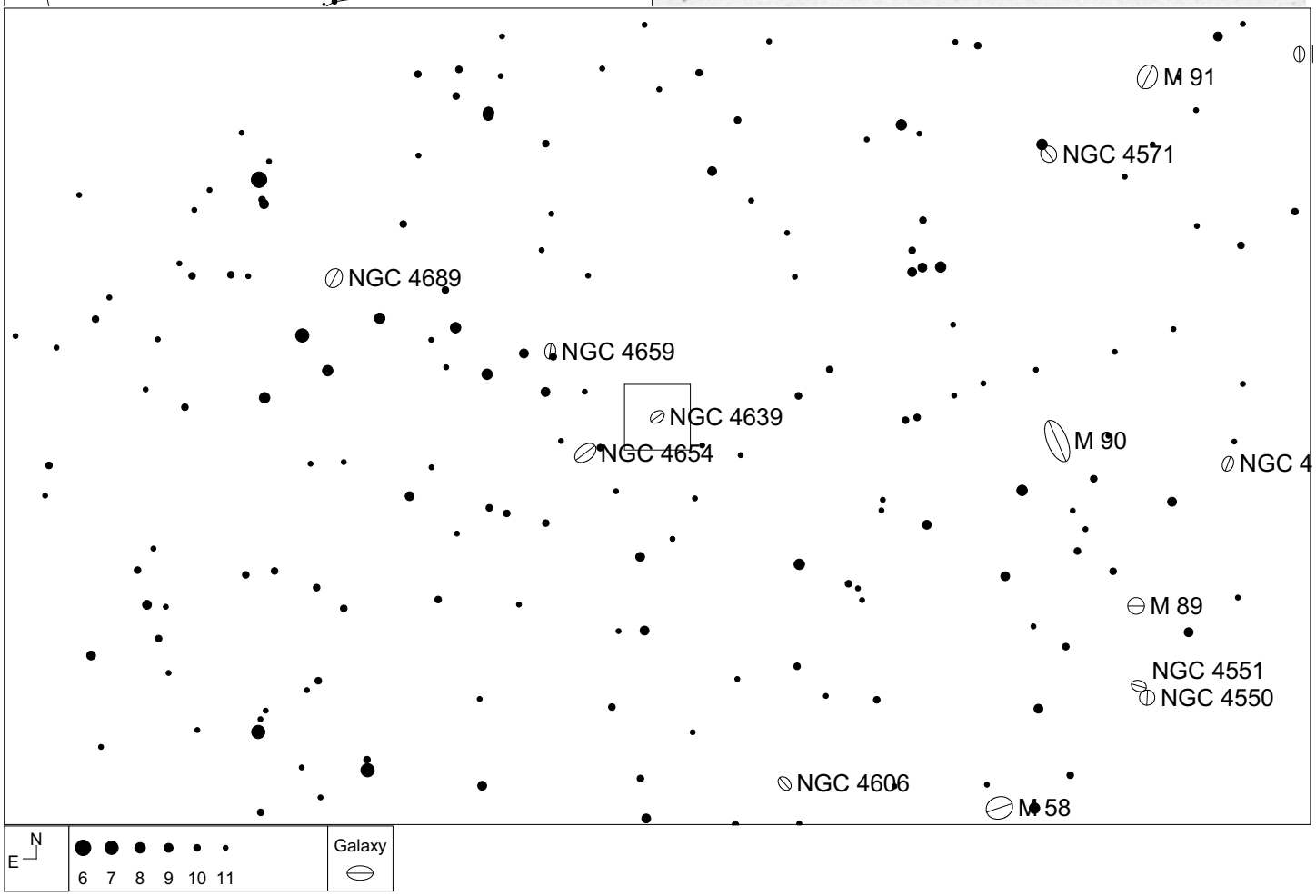


Herschel	RA	Dec	Mag	Size	Type
H II 148=II 20	12 41 32.7	+07 18 53	11.9b	2.4 x 1.9’	G (R)SAB0°

NGC 4639 (Virgo)

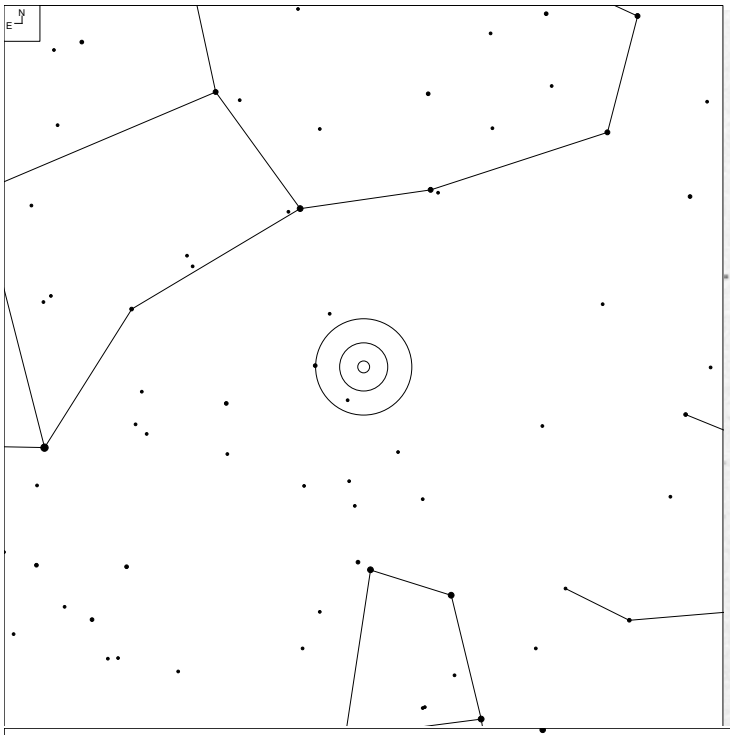


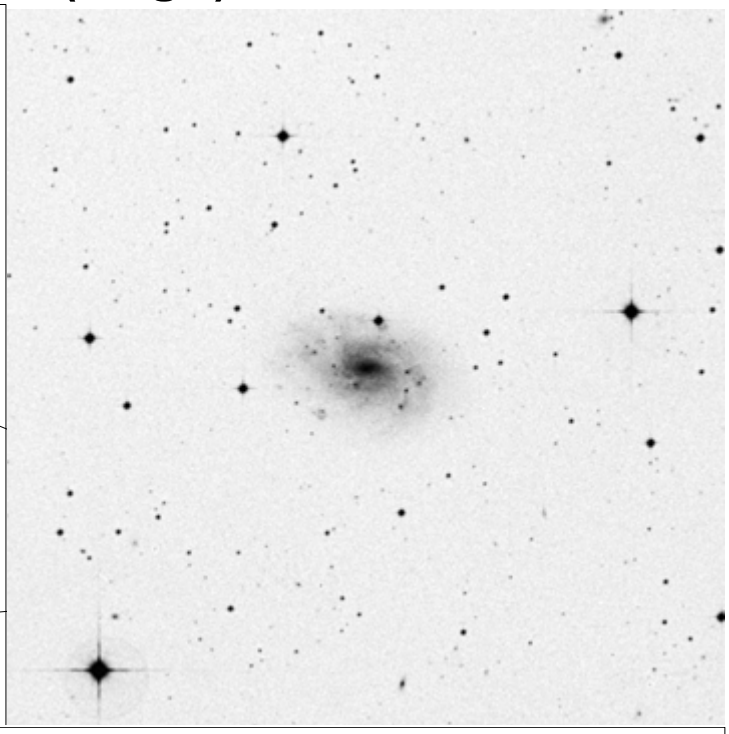


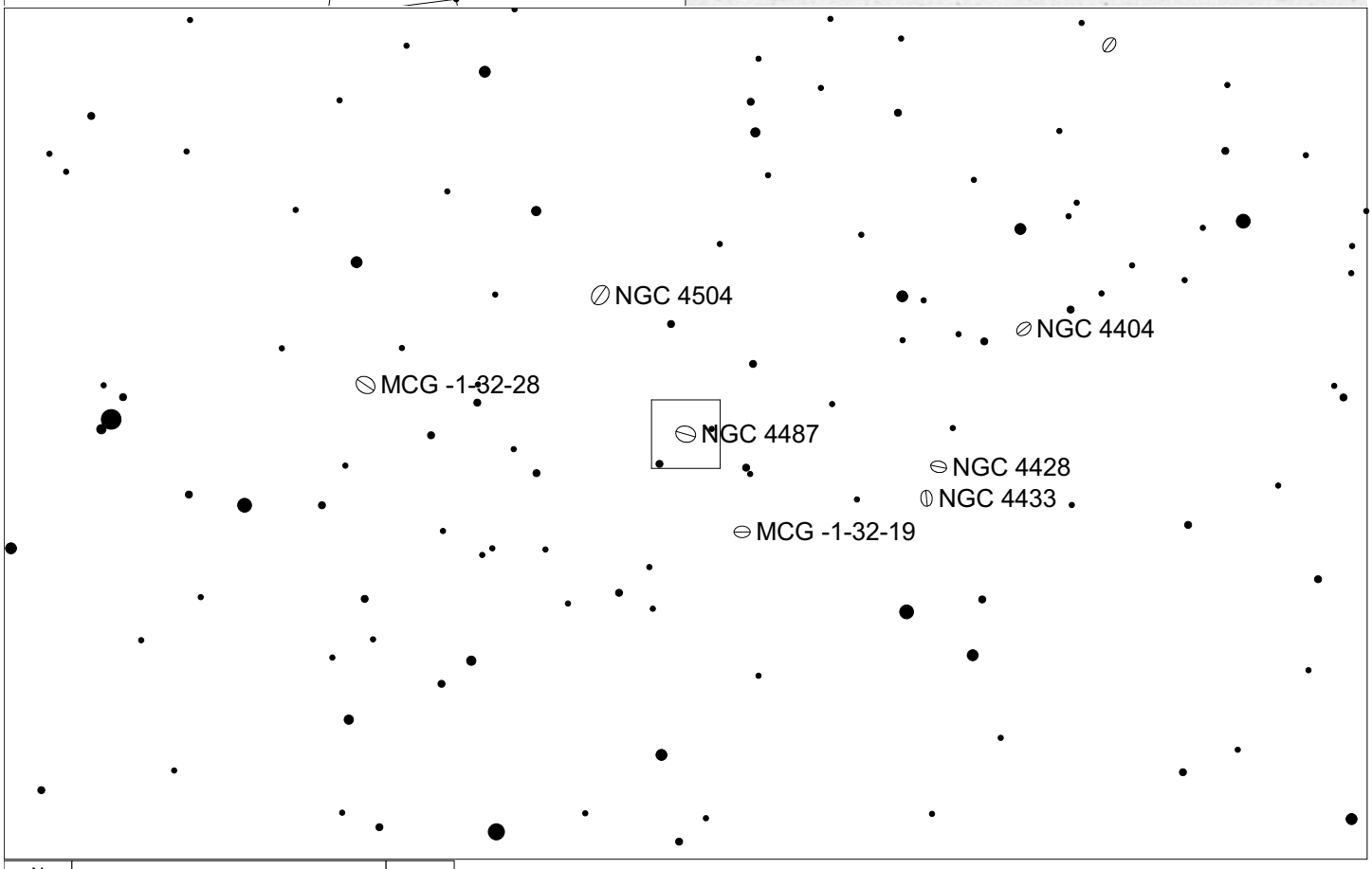


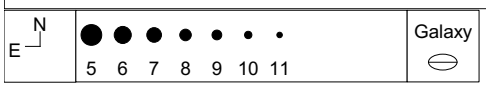
Herschel	RA	Dec	Mag	Size	Type
H II 125	12 42 52.3	+13 15 26	12.2b	3.2 x 2.3’	G SAB(rs)bc:

NGC 4487 (Virgo)



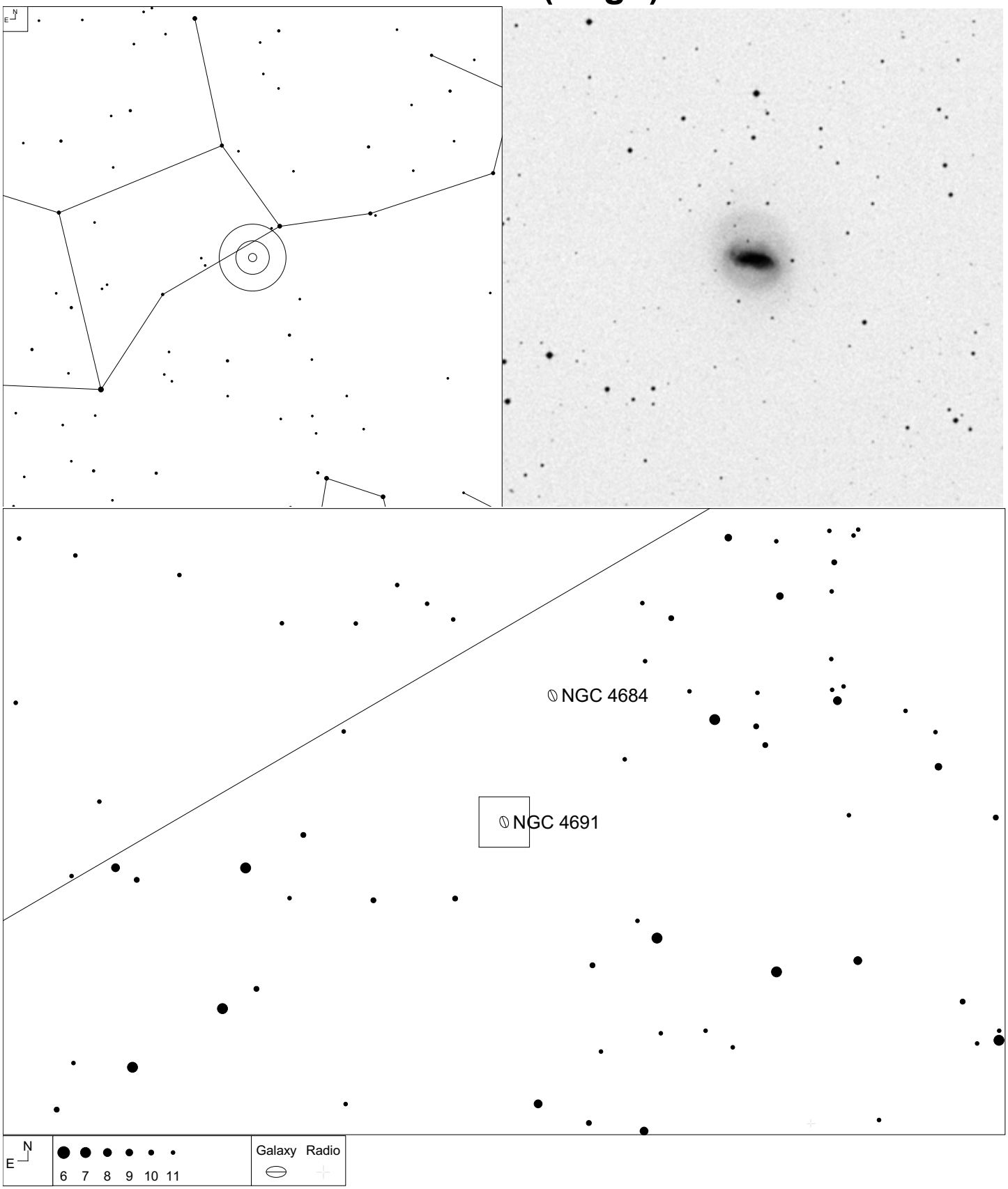






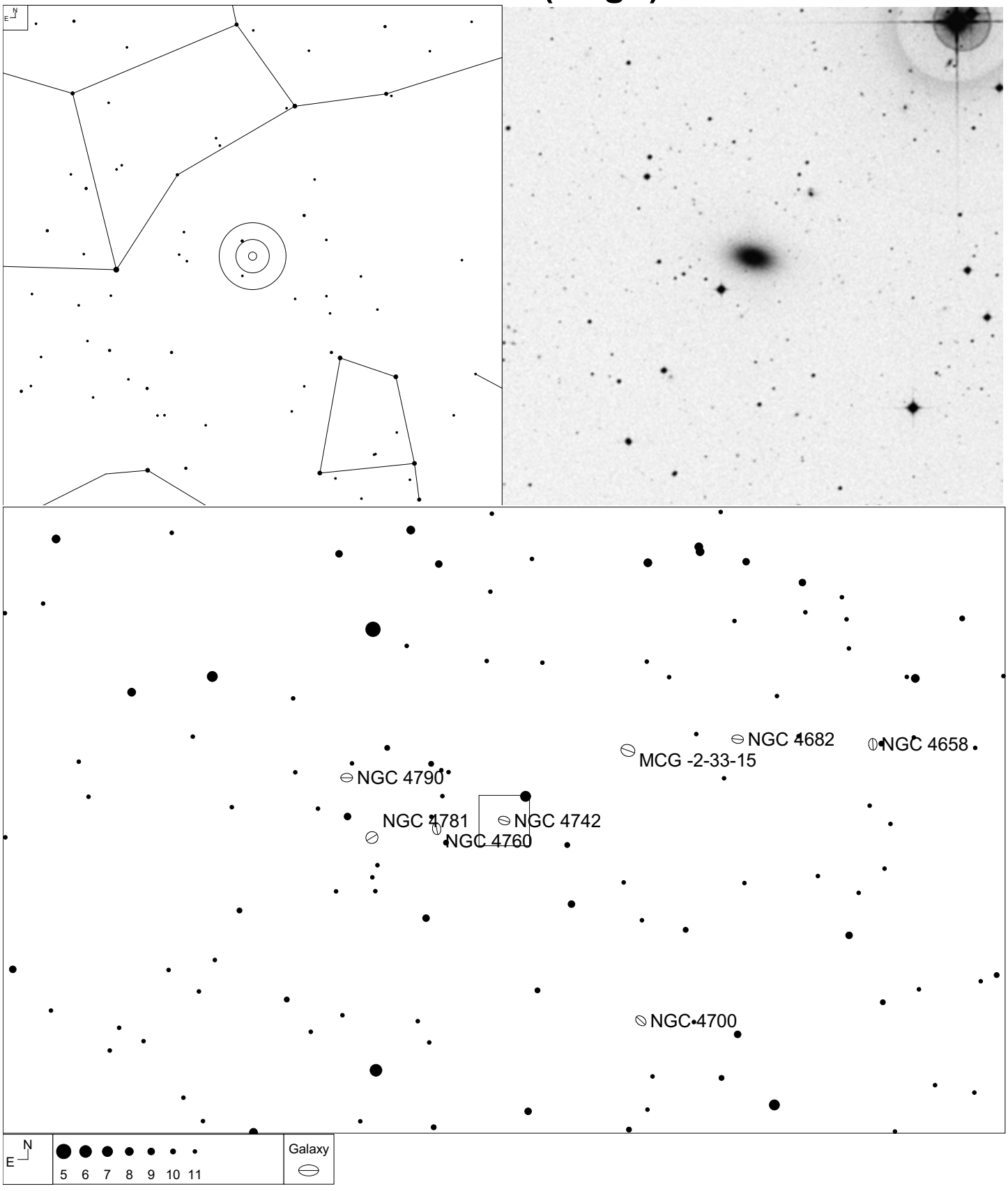
Herschel	RA	Dec	Mag	Size	Type
H II 776	12 31 04.4	-08 03 15	13.0b	1.7 x 1.0’	G SAB(rs)cd

NGC 4691 (Virgo)



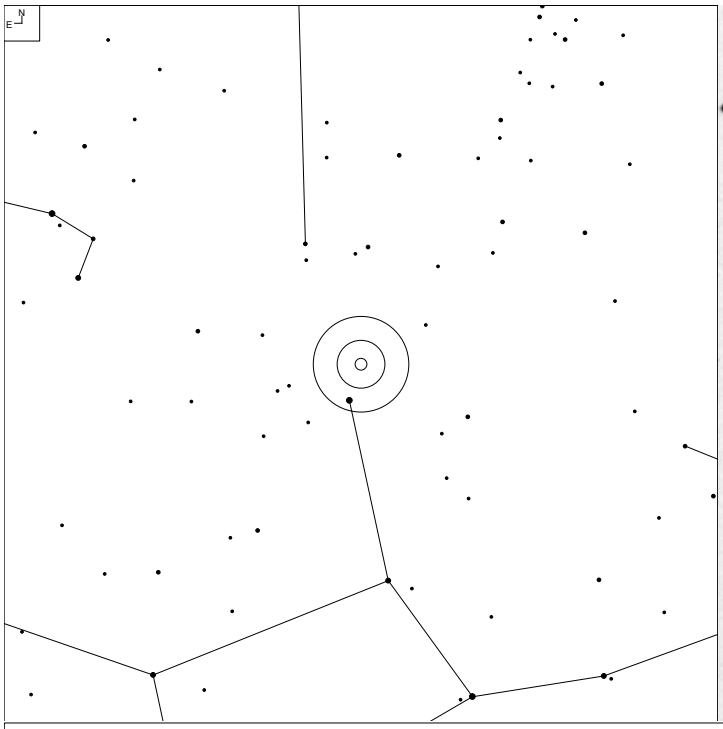
Herschel	RA	Dec	Mag	Size	Type
H II 182	12 48 13.4	-03 19 56	11.7b	3.2 x 2.4’	G (R)SB(s)0/a pec

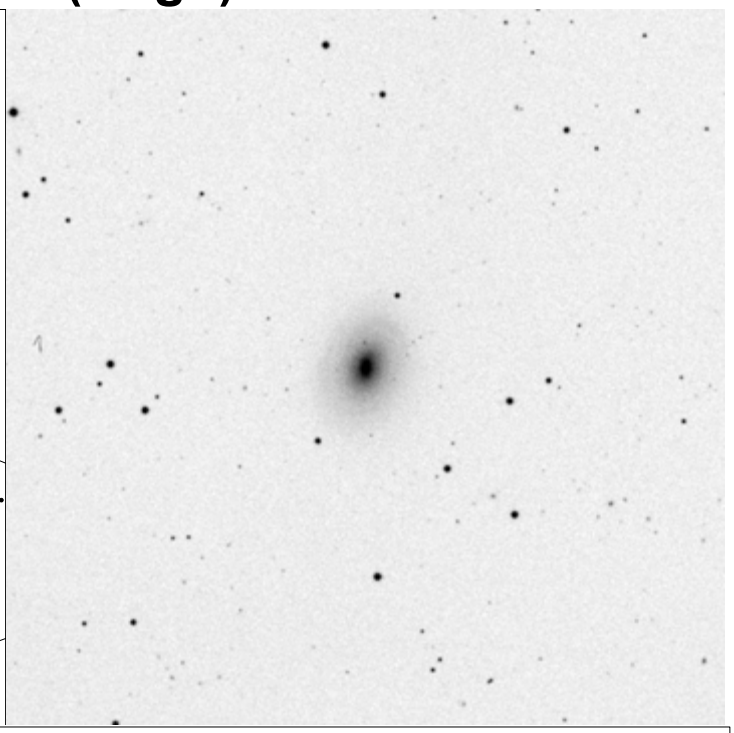
NGC 4742 (Virgo)

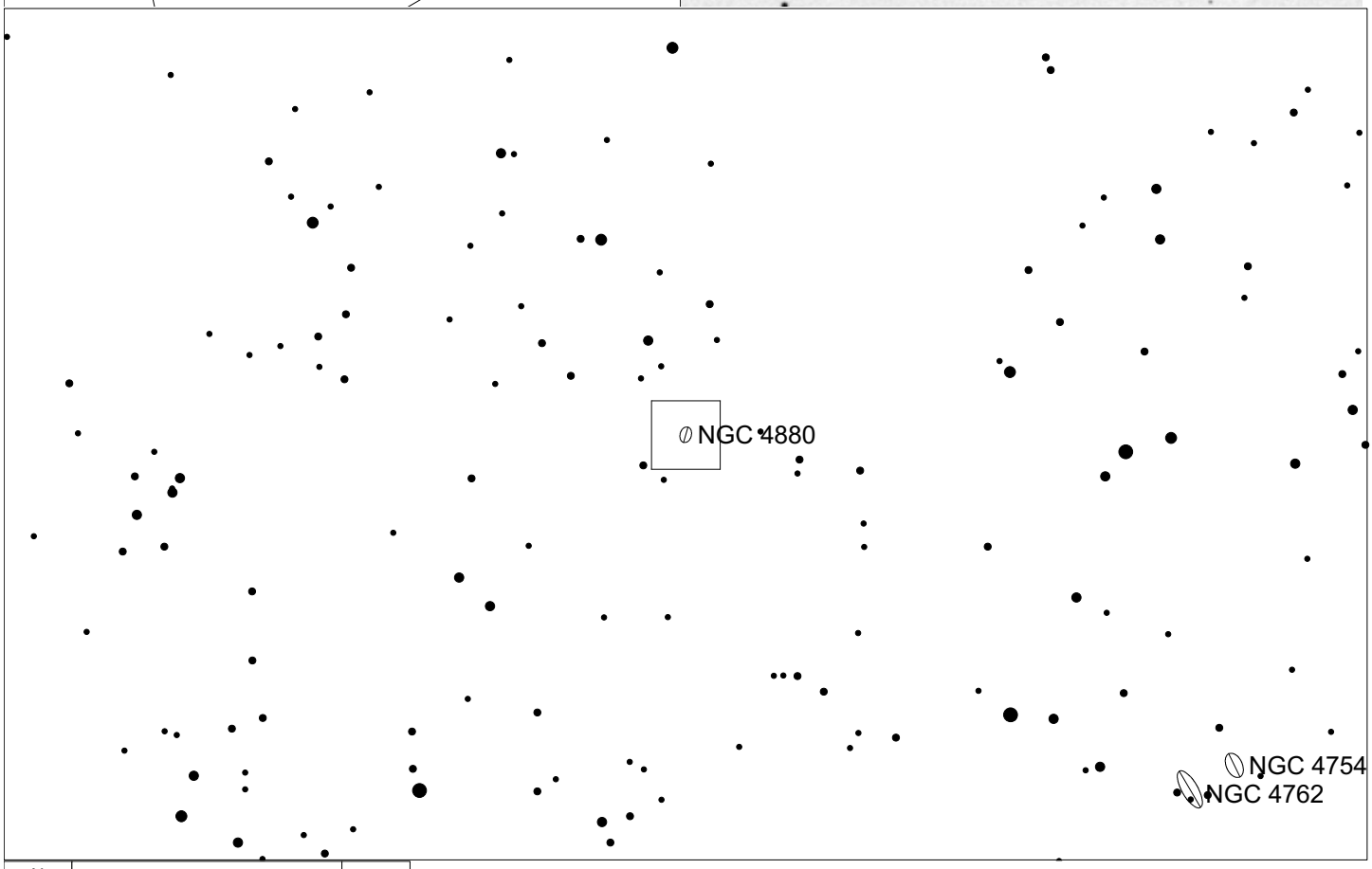


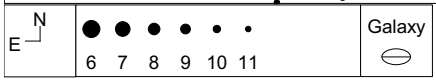
Herschel	RA	Dec	Mag	Size	Type
H I 133	12 51 48.0	-10 27 17	12.1b	2.6 x 1.4’	G E4:

NGC 4880 (Virgo)



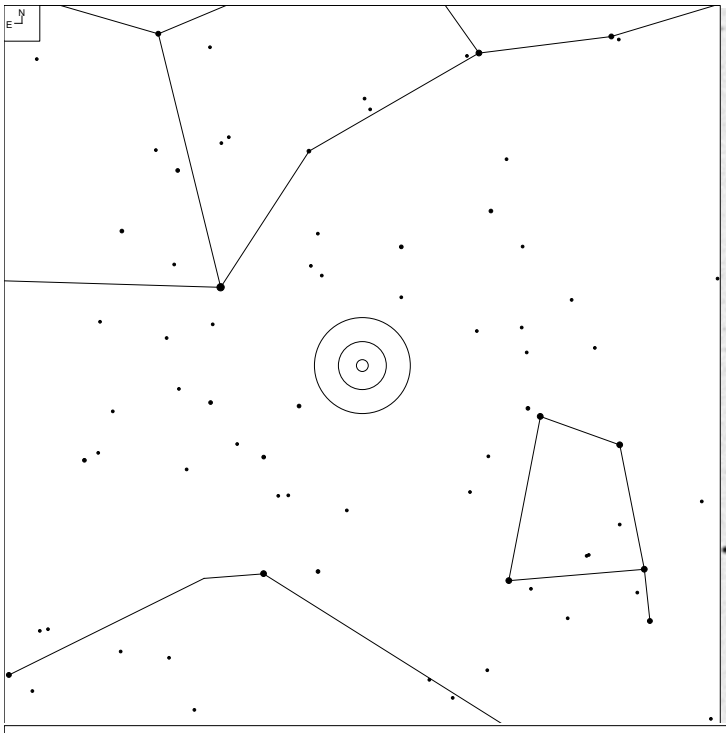


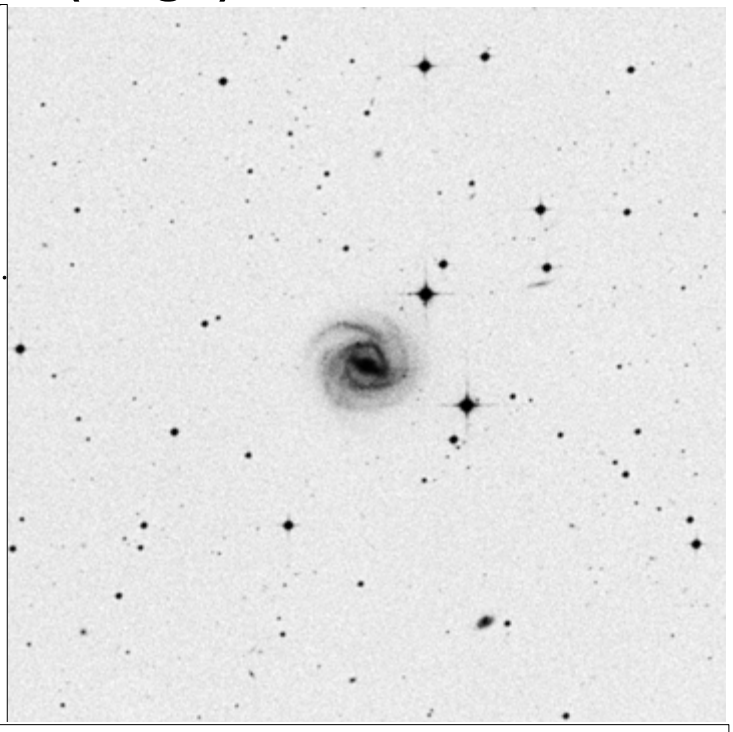


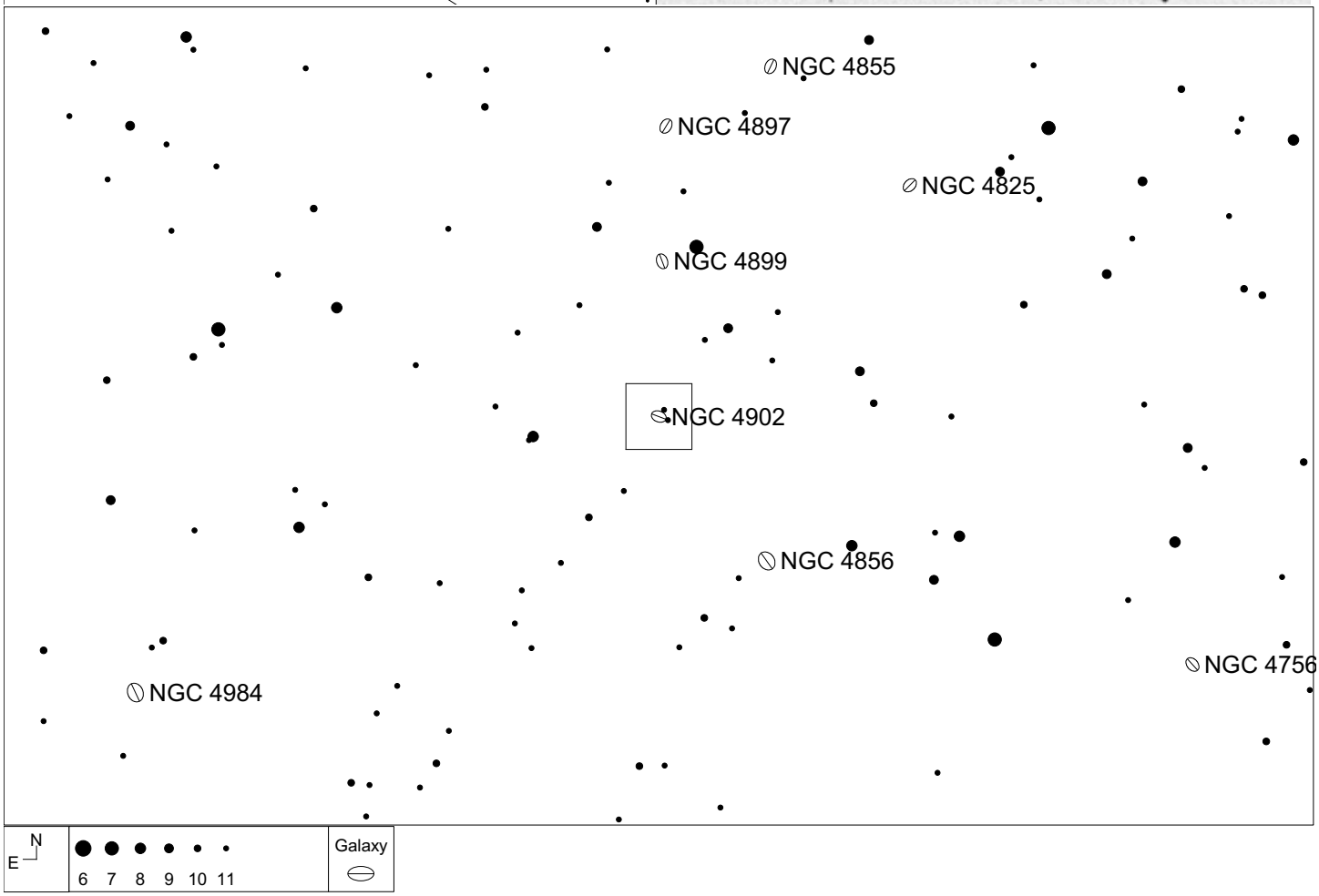


Herschel	RA	Dec	Mag	Size	Type
H III 83	13 00 10.5	+12 29 00	12.4p	3.1 x 2.4’	G SA(r)0+:

NGC 4902 (Virgo)

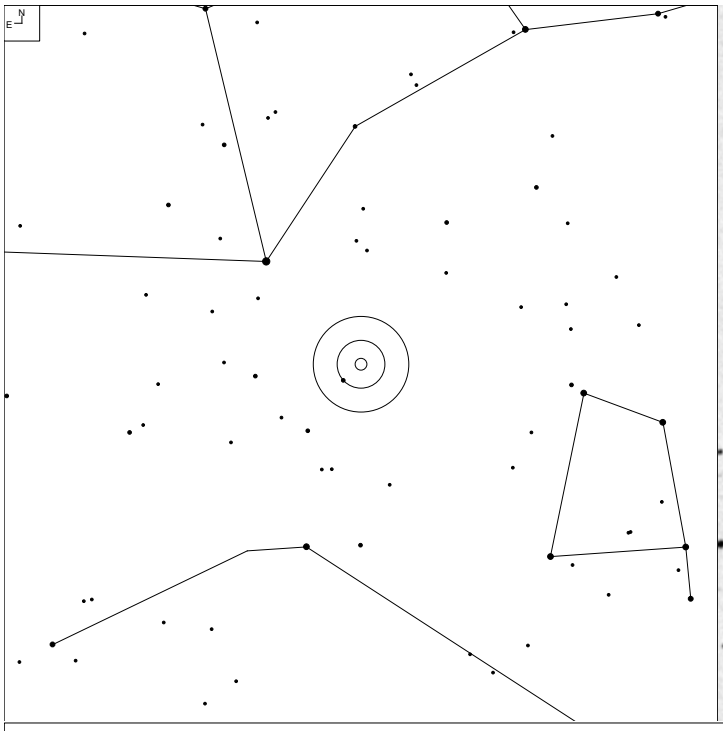


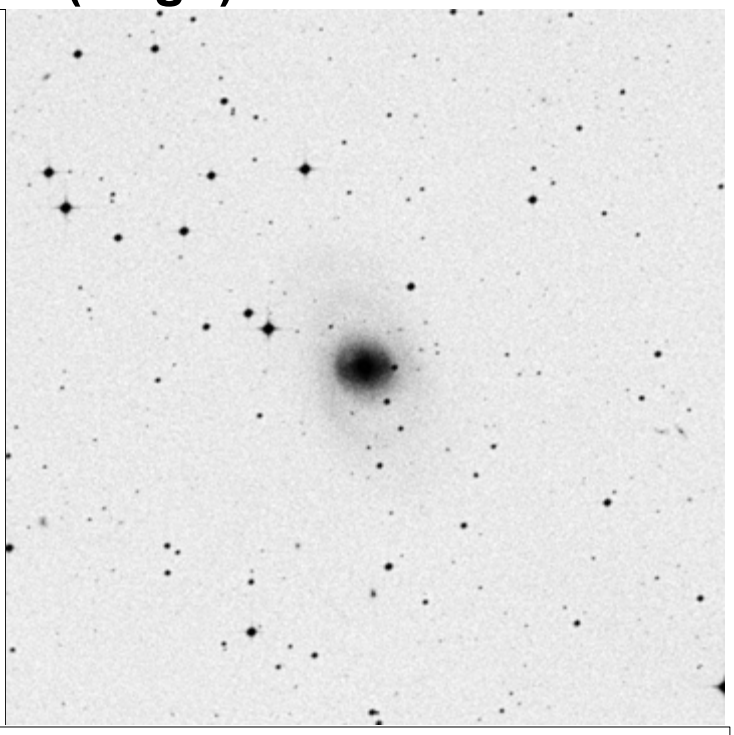


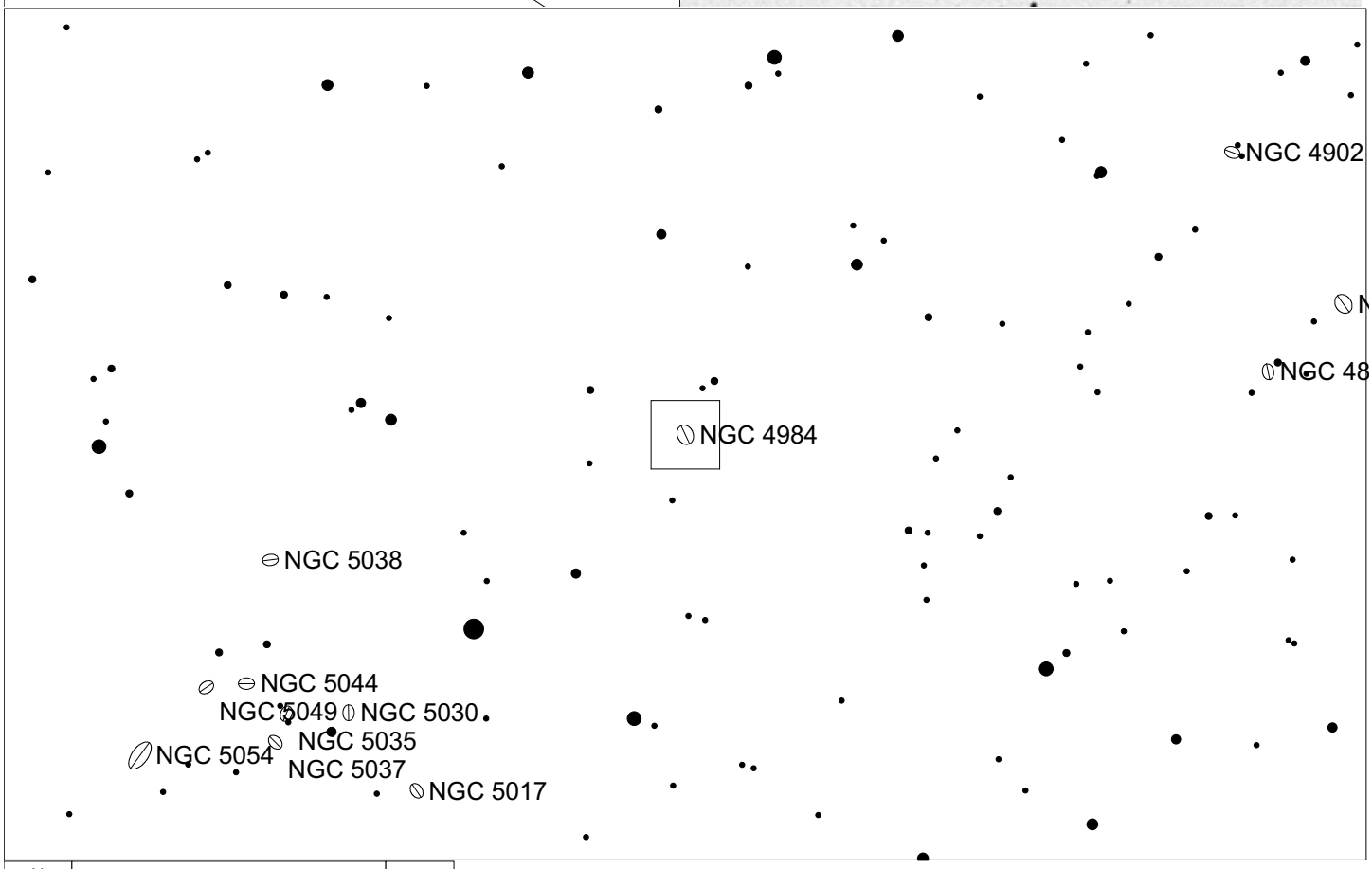


Herschel	RA	Dec	Mag	Size	Type
H I 69	13 00 59.6	-14 30 48	11.6b	3.0 x 2.6’	G SB(r)b

NGC 4984 (Virgo)

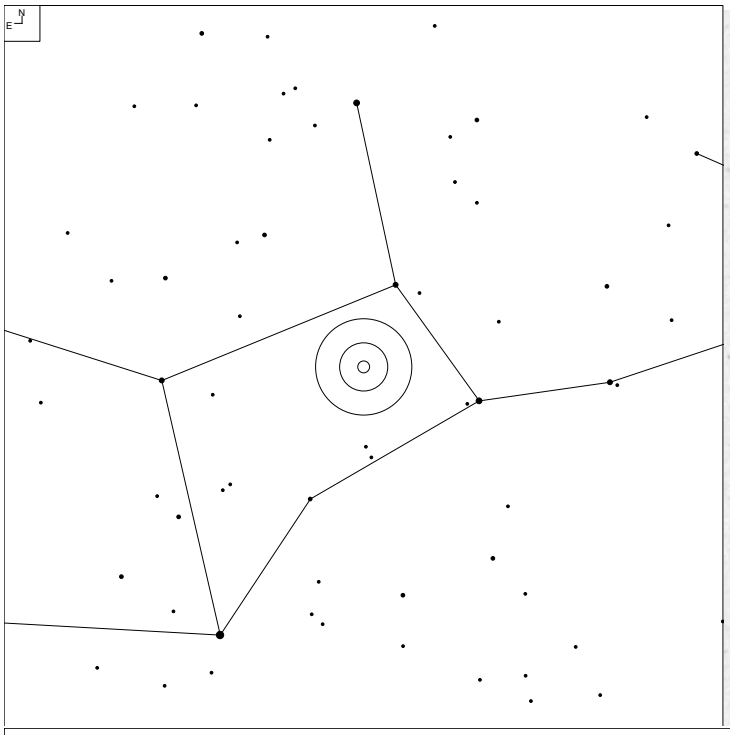


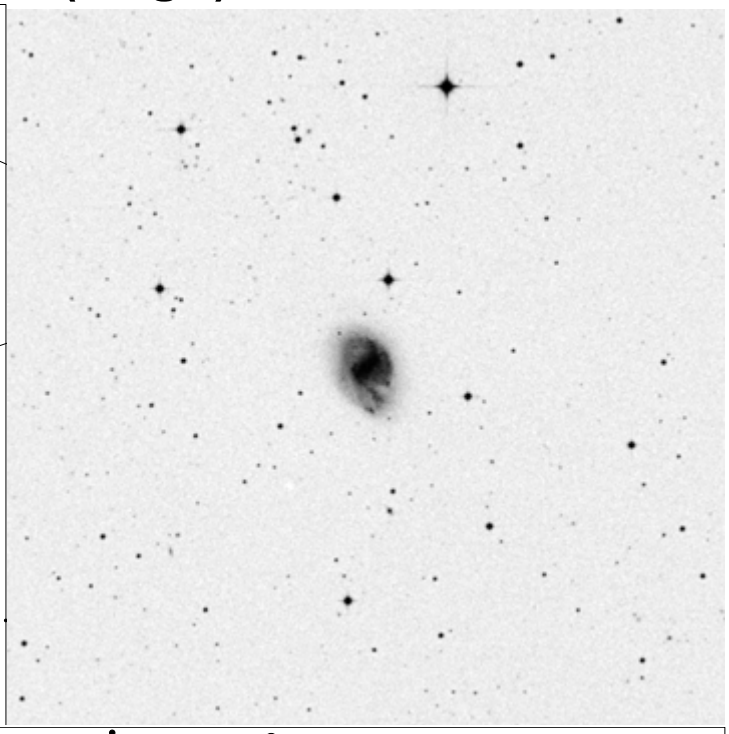


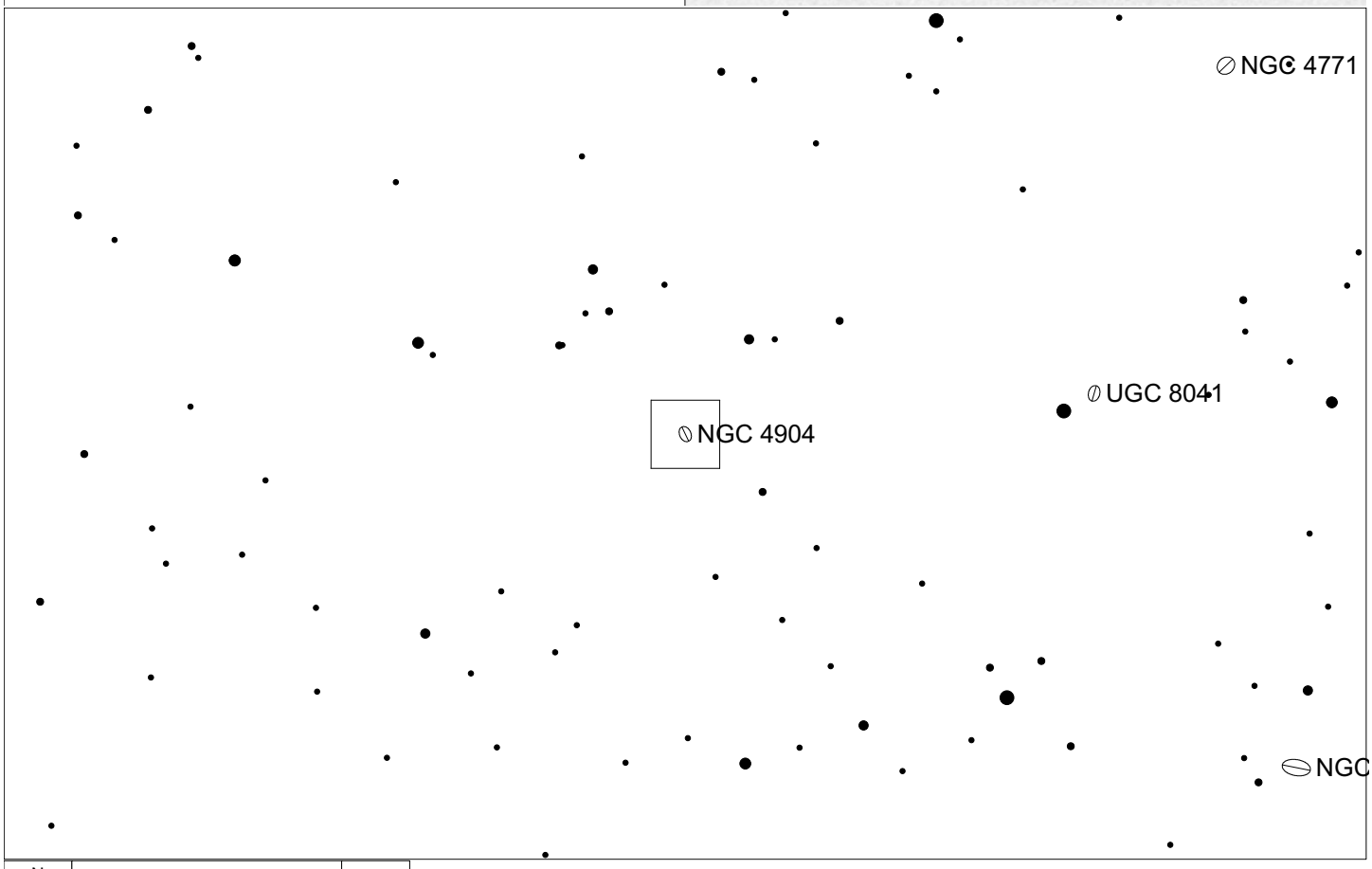


Herschel	RA	Dec	Mag	Size	Type
H II 301	13 08 57.2	-15 30 59	12.3b	4.2 x 2.6’	G (R)SAB(rs)0+

NGC 4904 (Virgo)

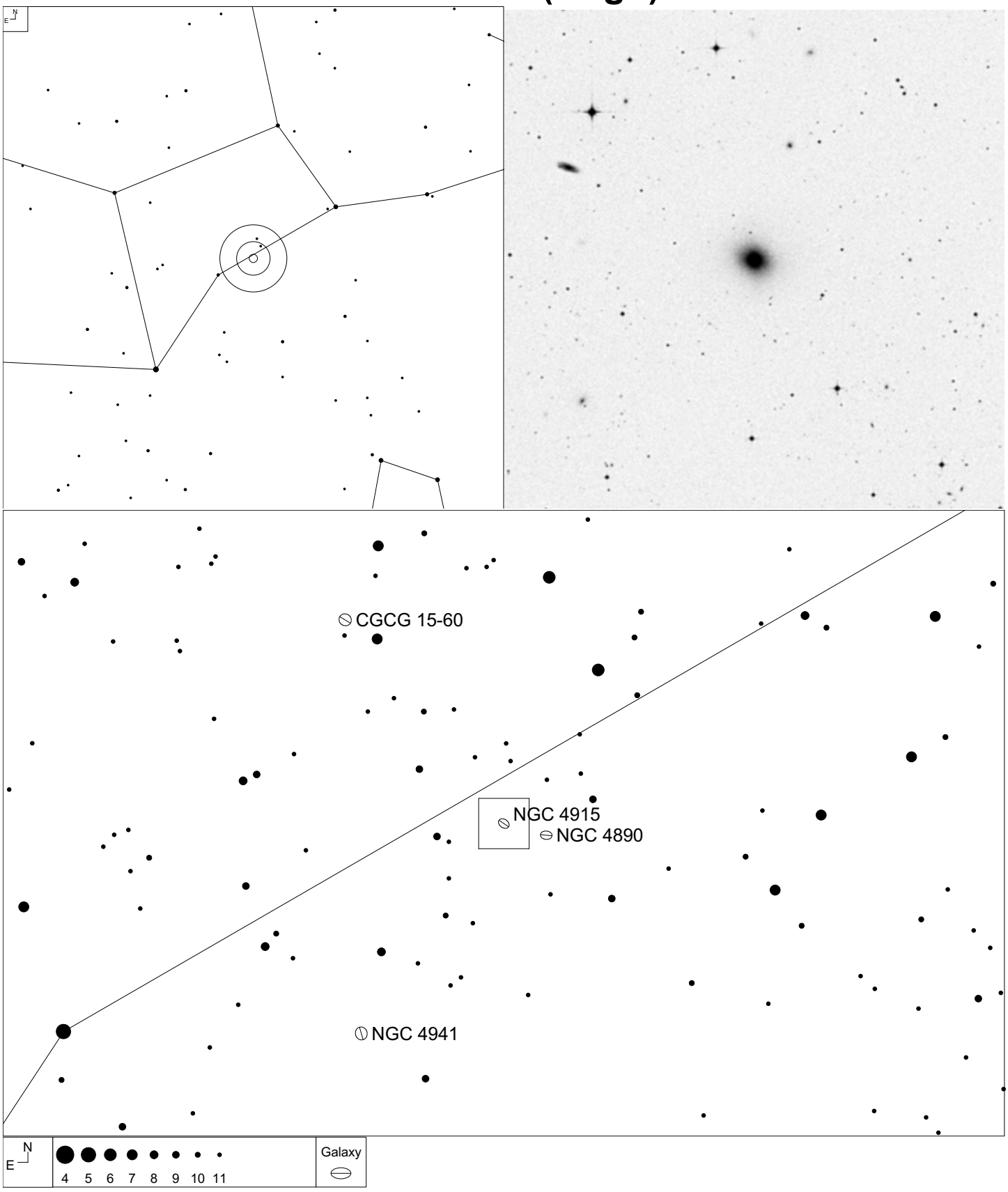






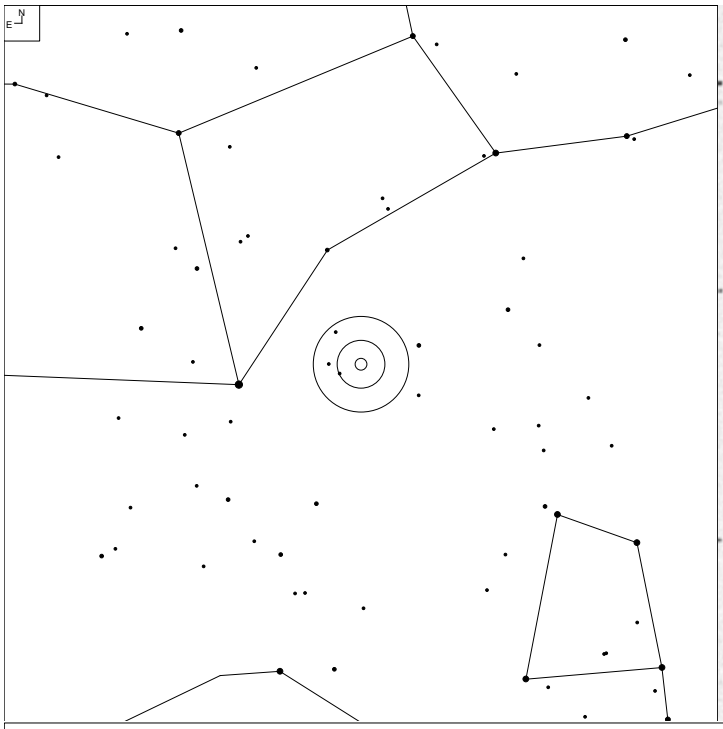
Herschel	RA	Dec	Mag	Size	Type
H II 517	13 00 58.5	-00 01 39	12.6b	2.2 x 1.4’	G SB(s)cd

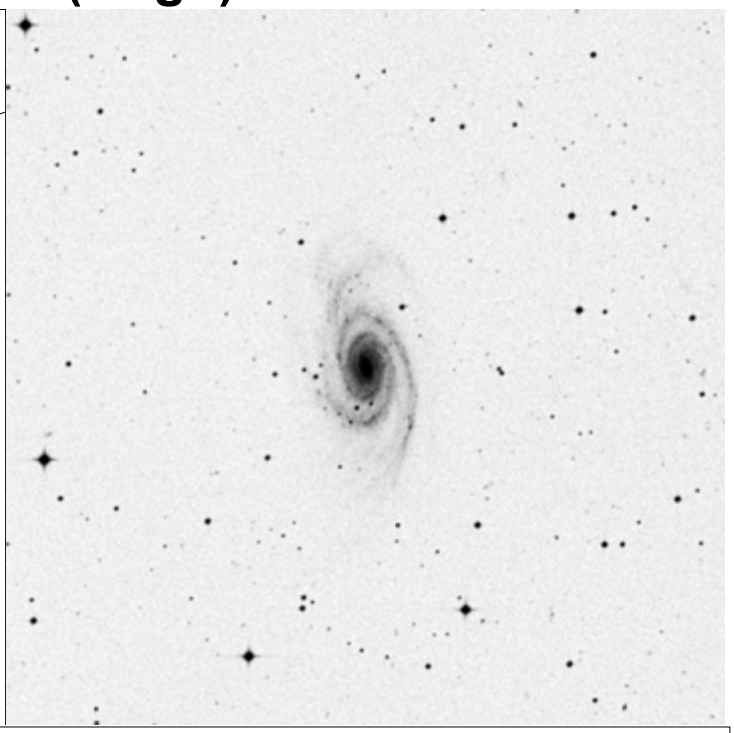
NGC 4915 (Virgo)

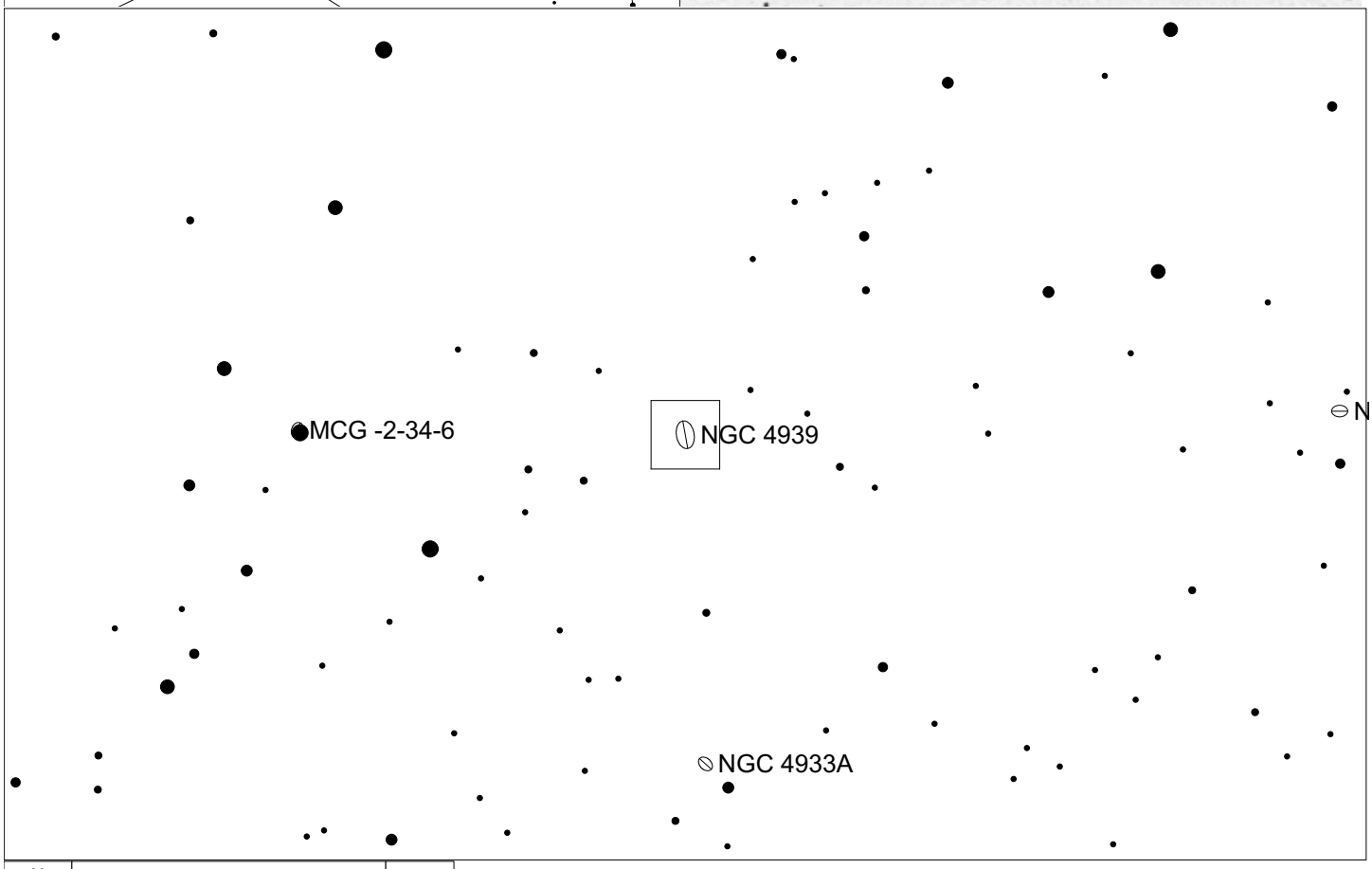


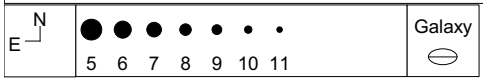
Herschel	RA	Dec	Mag	Size	Type
H IV 47	13 01 28.2	-04 32 48	13.0b	1.6 x 1.3’	G E0

NGC 4939 (Virgo)



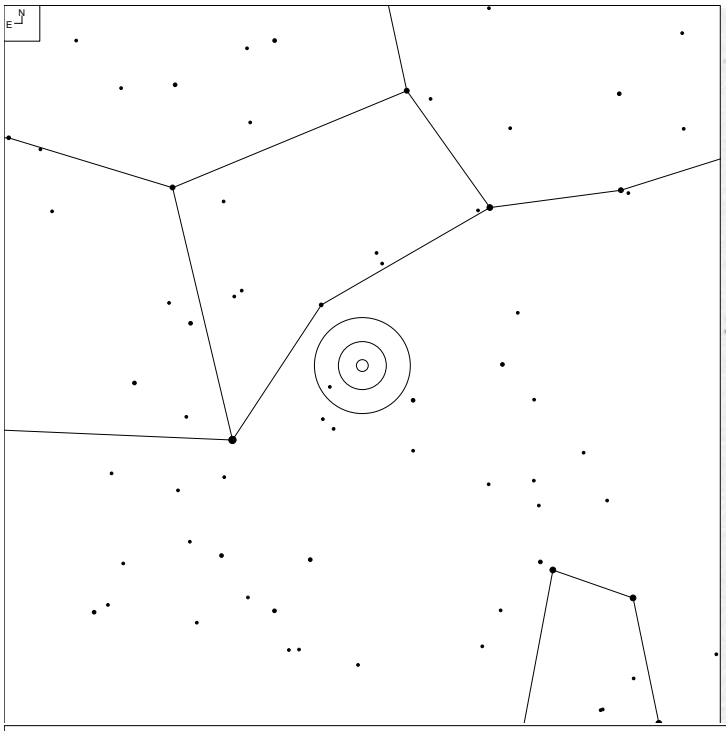


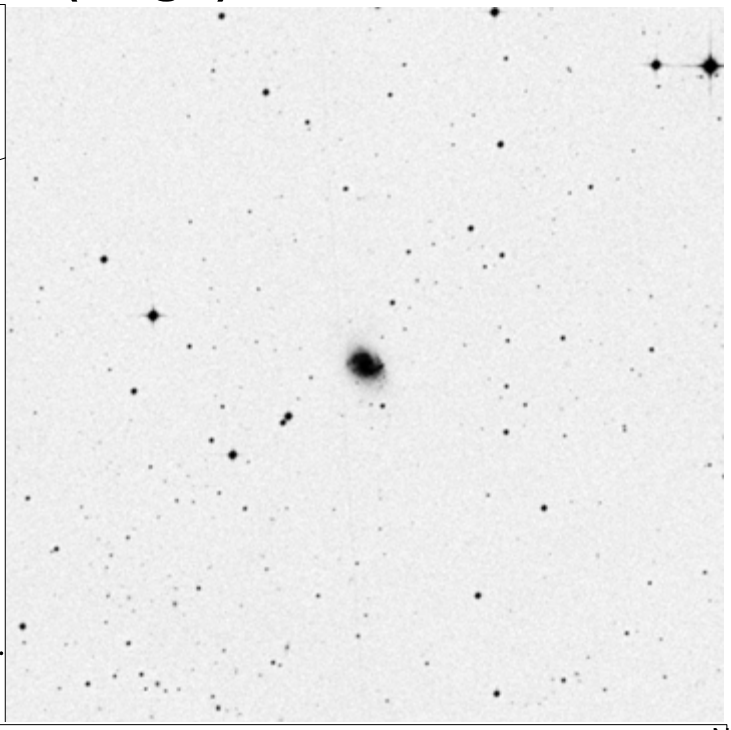


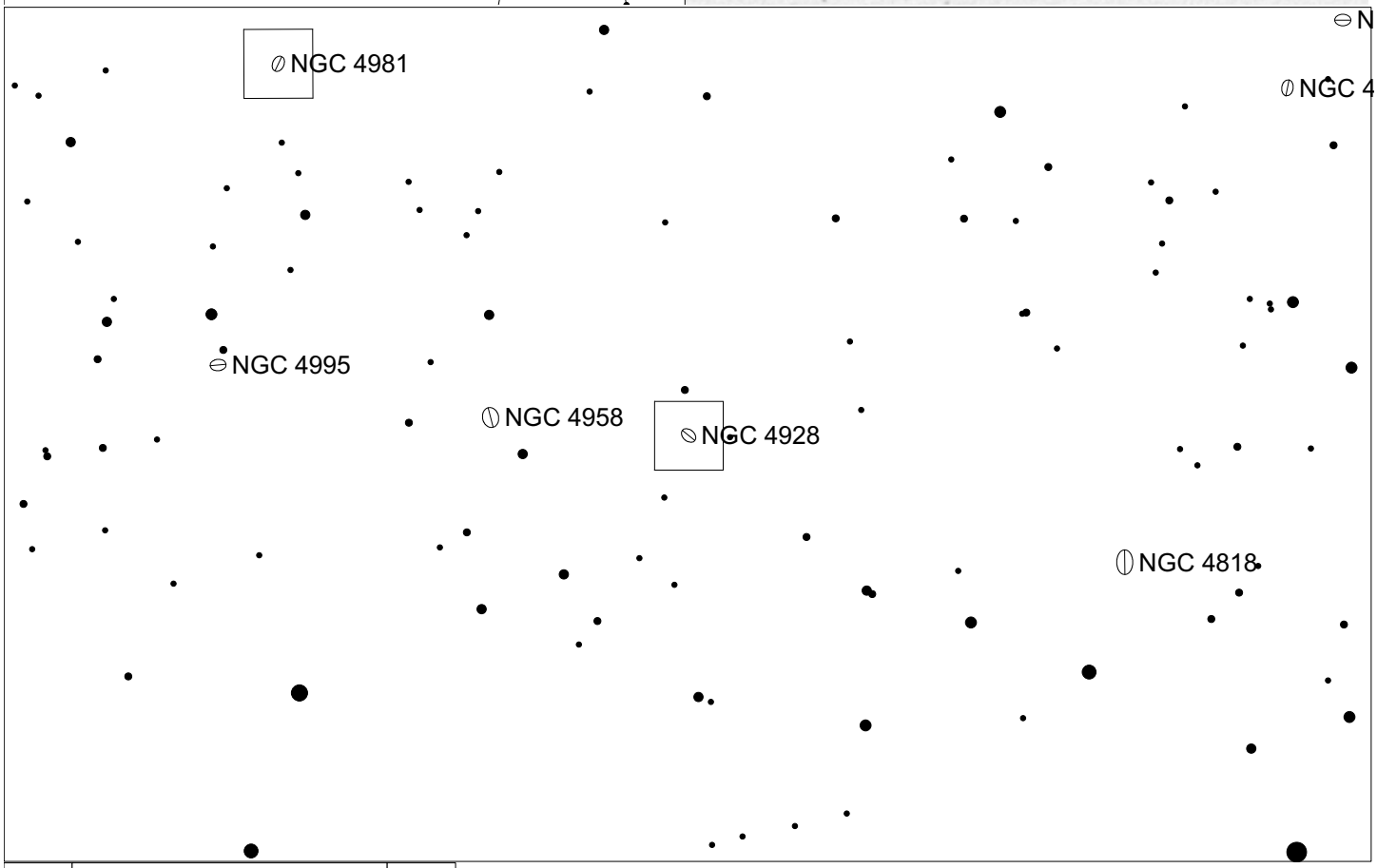


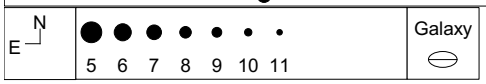
Herschel	RA	Dec	Mag	Size	Type
H II 561	13 04 14.3	-10 20 24	11.9b	5.8 x 3.7’	G SA(s)bc

NGC 4928 (Virgo)



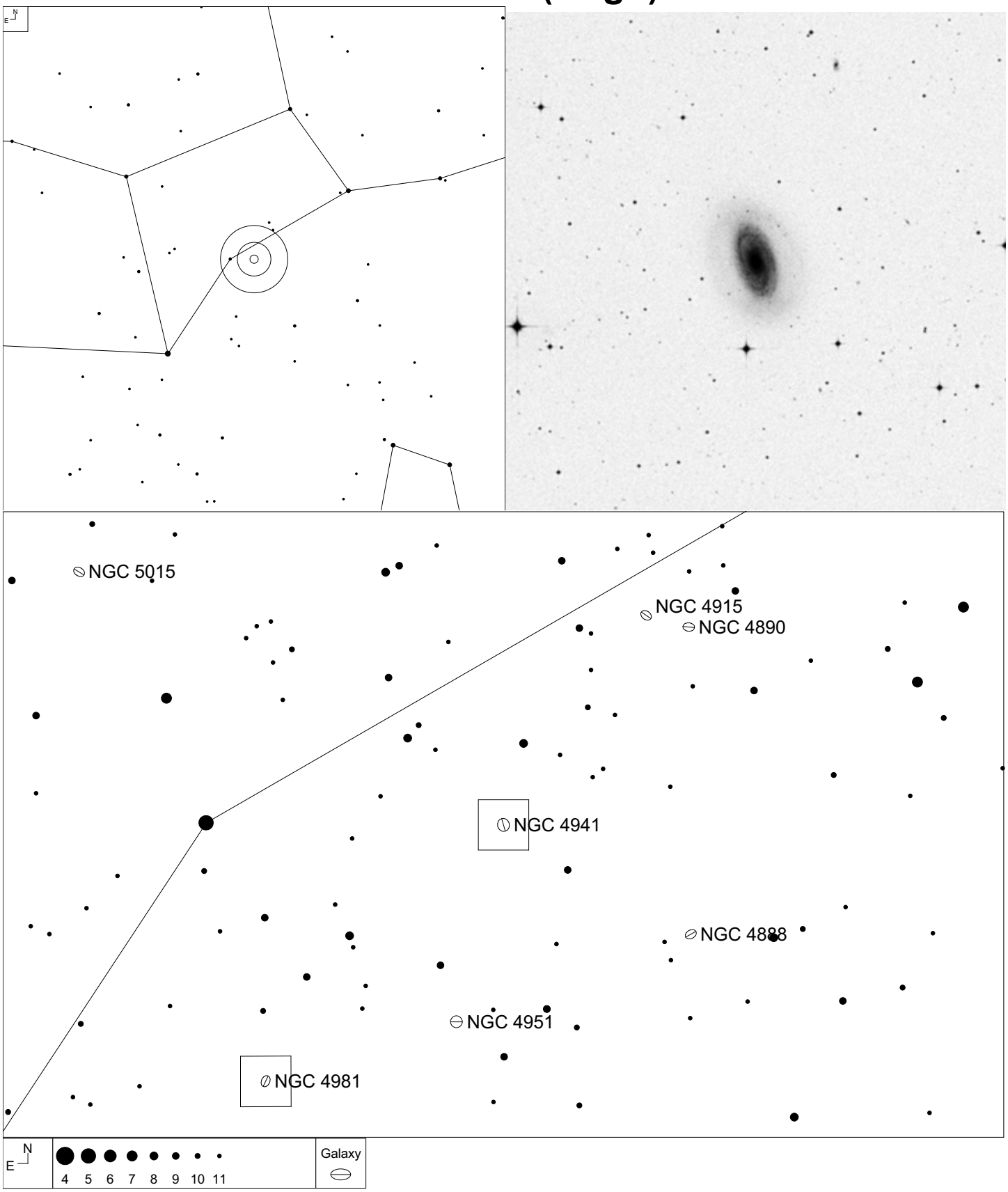






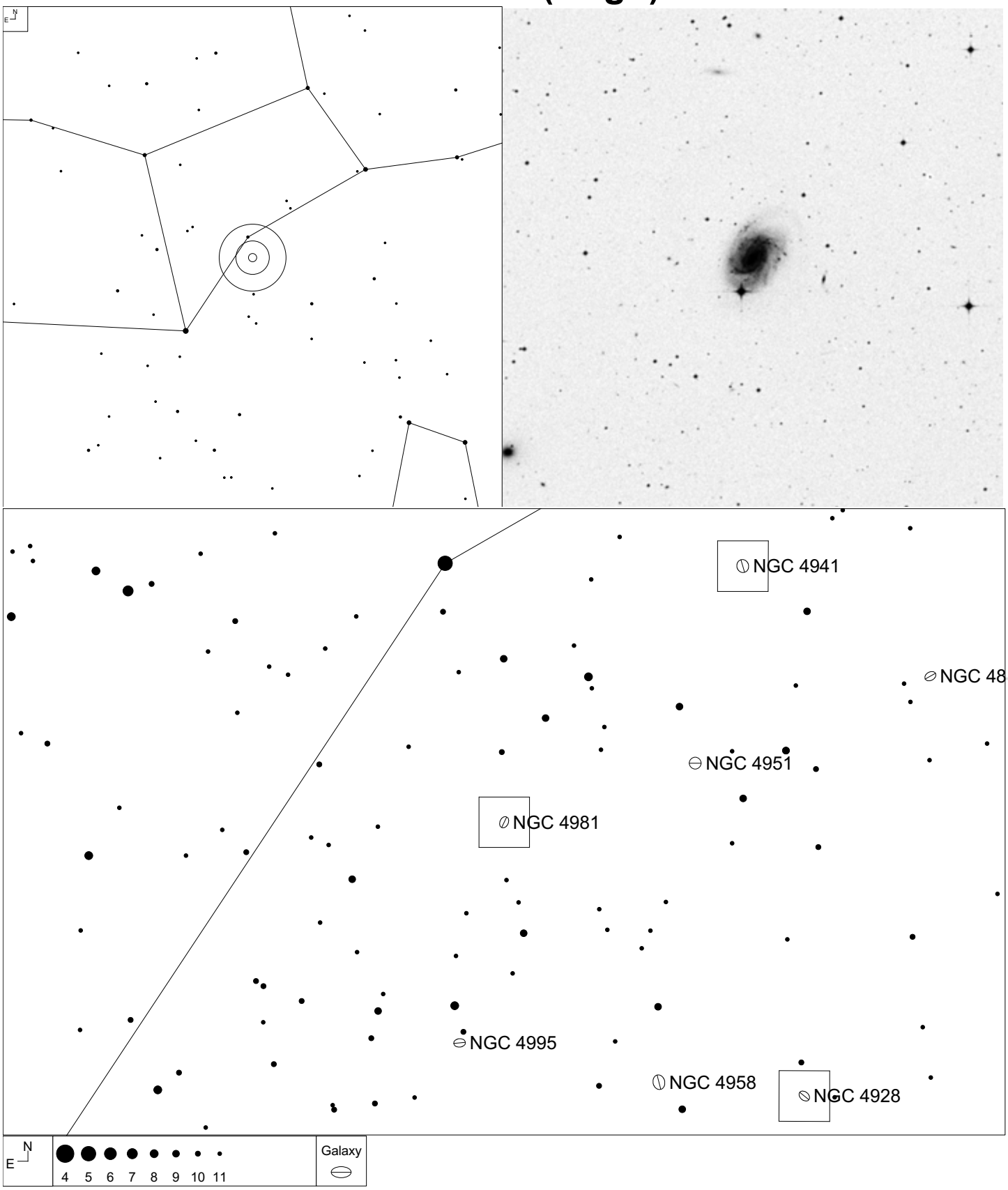
Herschel	RA	Dec	Mag	Size	Type
H II 190=III 760	13 03 00.5	-08 05 06	13.3p	1.2 x 0.8’	G SA(s)bc pec

NGC 4941 (Virgo)



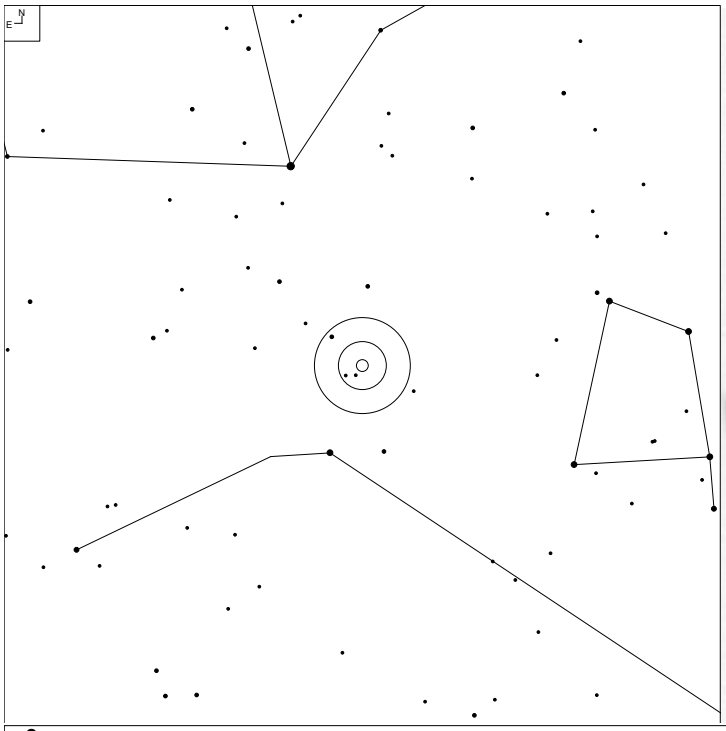
Herschel	RA	Dec	Mag	Size	Type
H I 40	13 04 13.0	-05 33 06	11.9b	3.6 x 1.9’	G (R)SAB(r)ab:

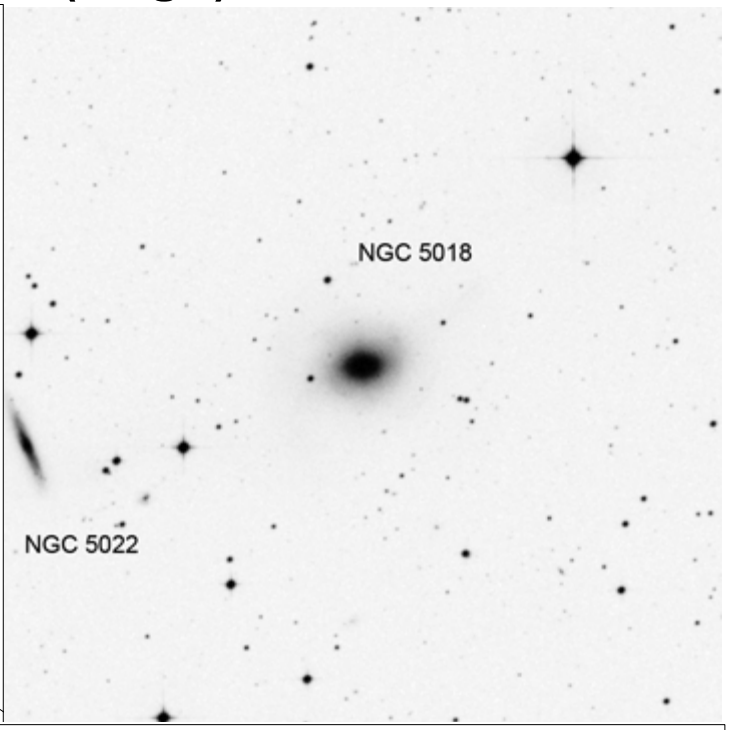
NGC 4981 (Virgo)

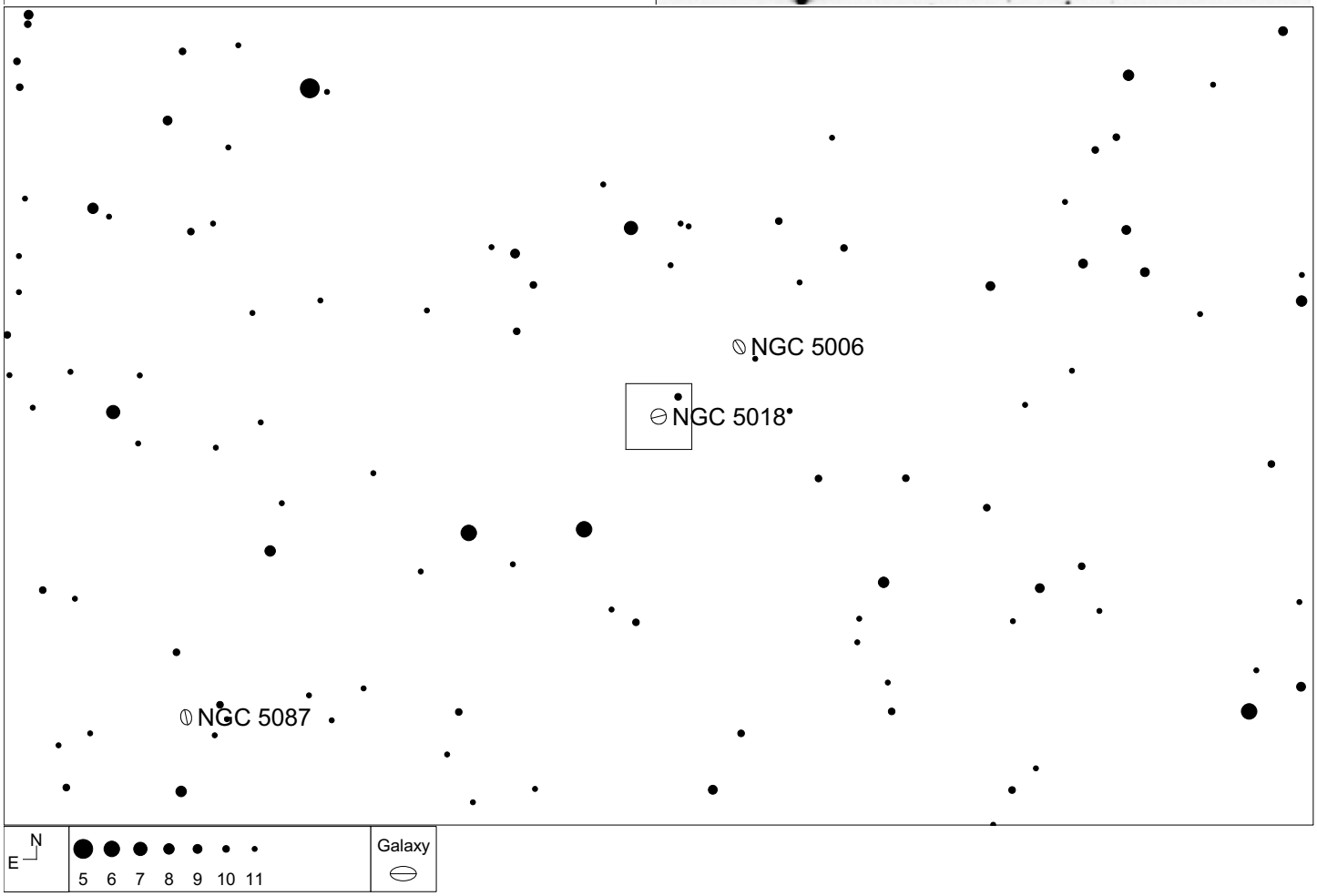


Herschel	RA	Dec	Mag	Size	Type
H II 189	13 08 48.7	-06 46 44	12.1p	2.7 x 2.0’	G SAB(r)bc

NGC 5018 (Virgo)

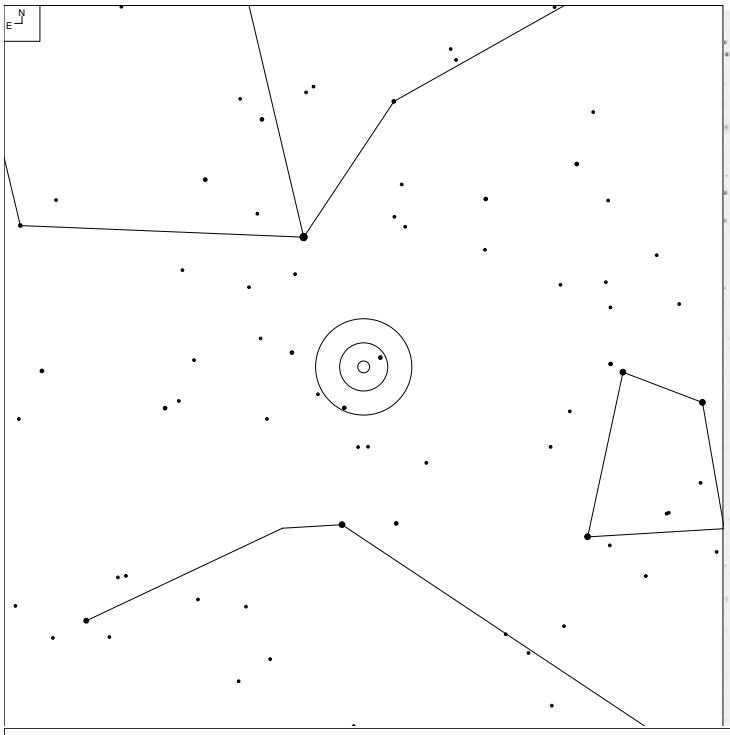


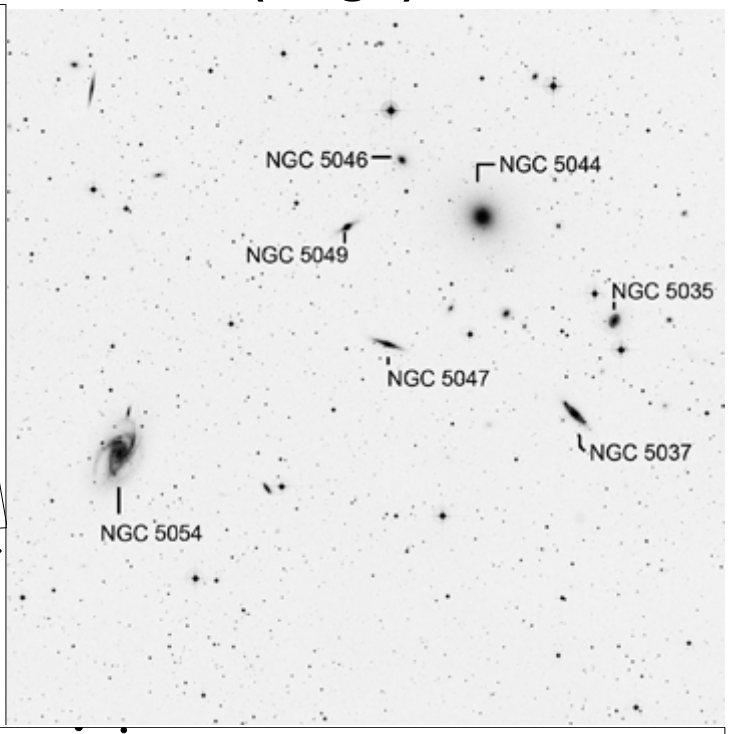


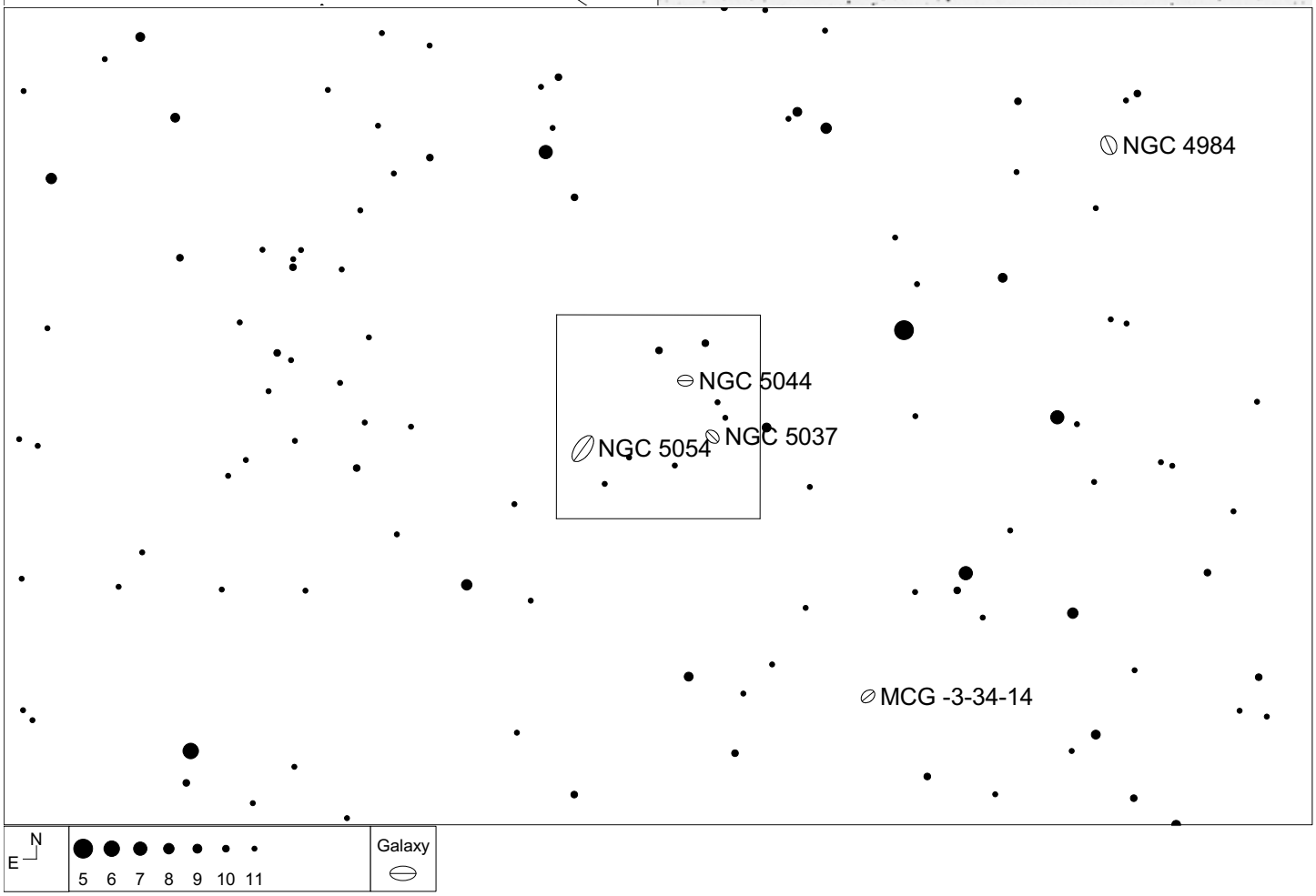


Herschel	RA	Dec	Mag	Size	Type
H II 746	13 13 01.0	-19 31 05	11.7b	3.3 x 2.4’	G E3:

NGC 5037 and NGC 5044 (Virgo)

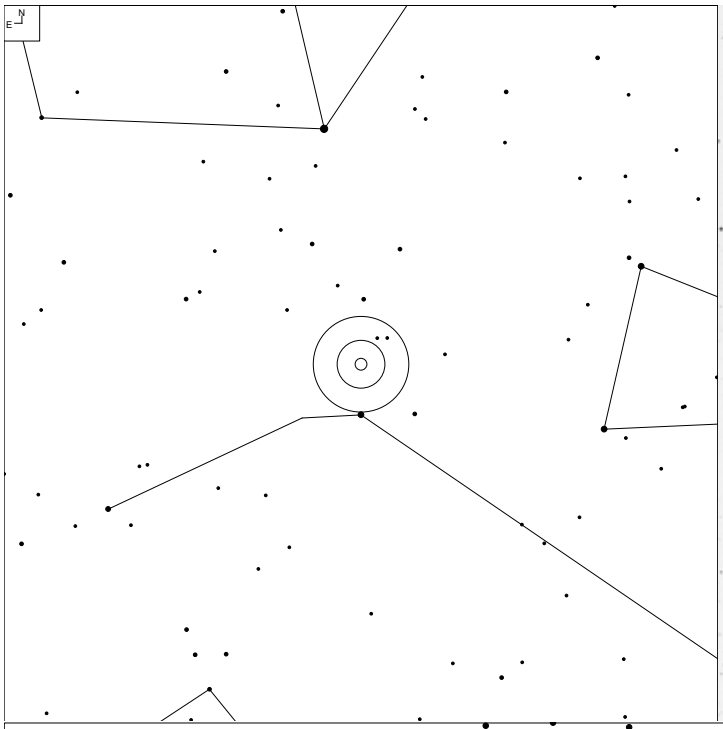


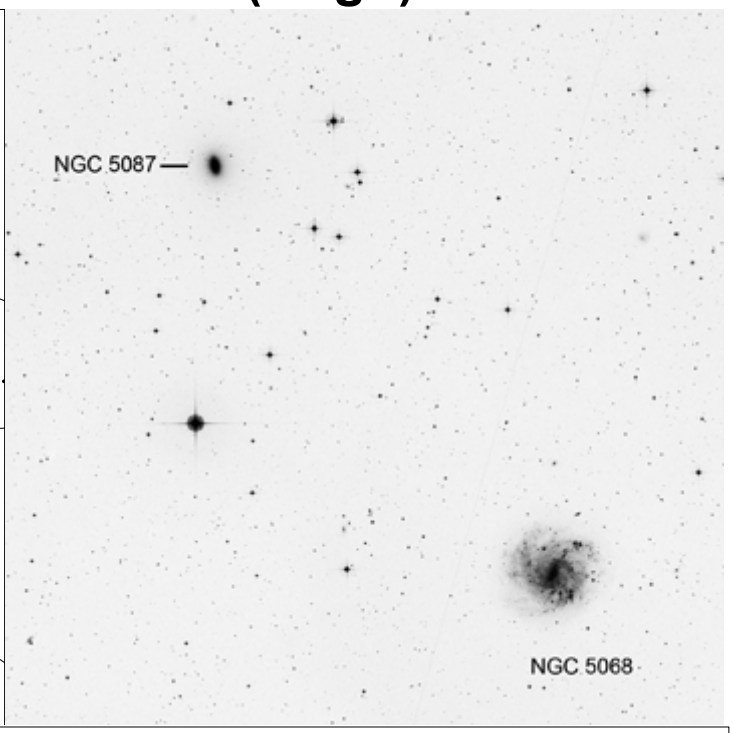


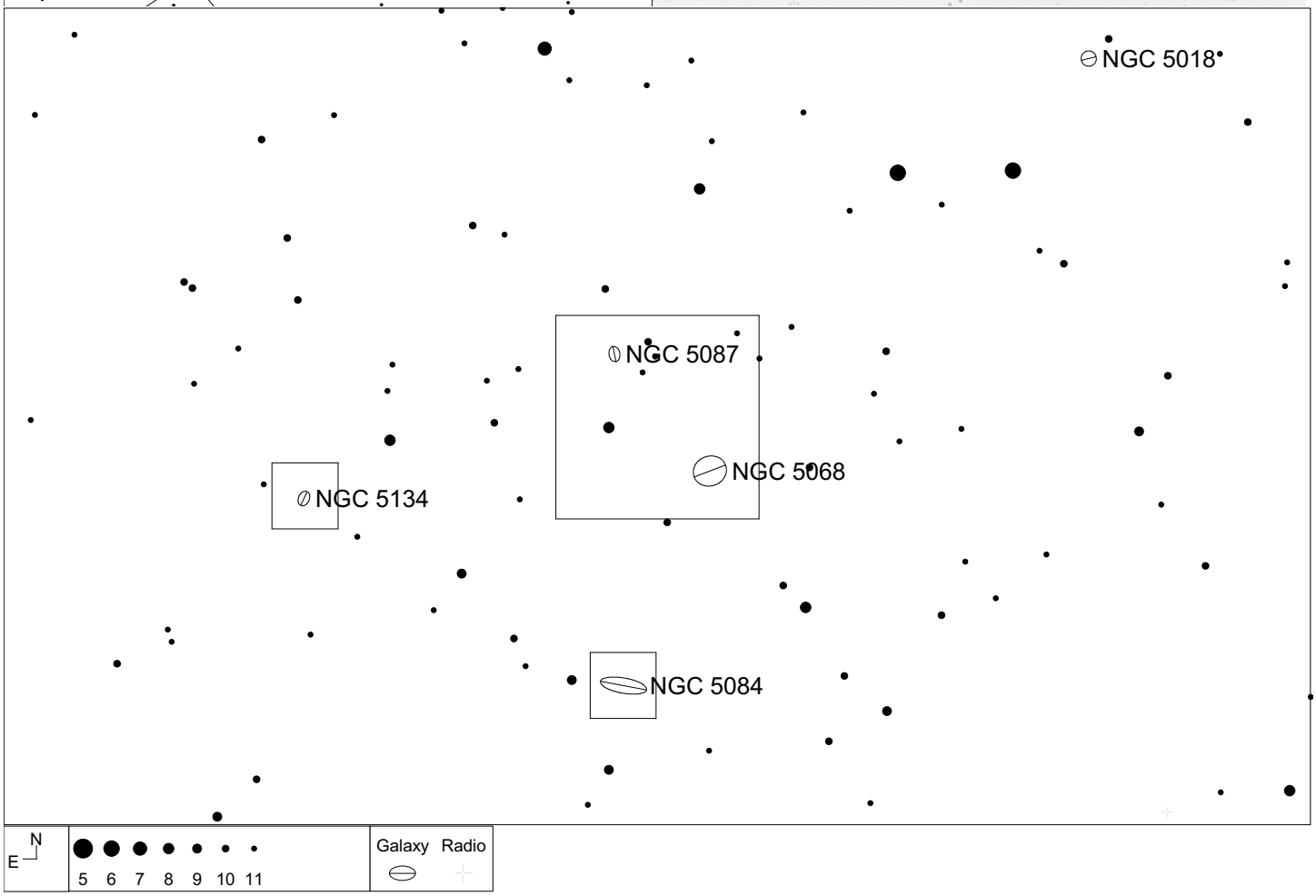


Herschel	RA	Dec	Mag	Size	Type
H II 510	13 14 59.6	-16 35 27	12.2v	3.2 x 0.7	G SA(s)a:
H II 511	13 15 24.0	-16 23 06	11.8p	2.9 x 2.9’	G E0

NGC 5068 and NGC 5087 (Virgo)

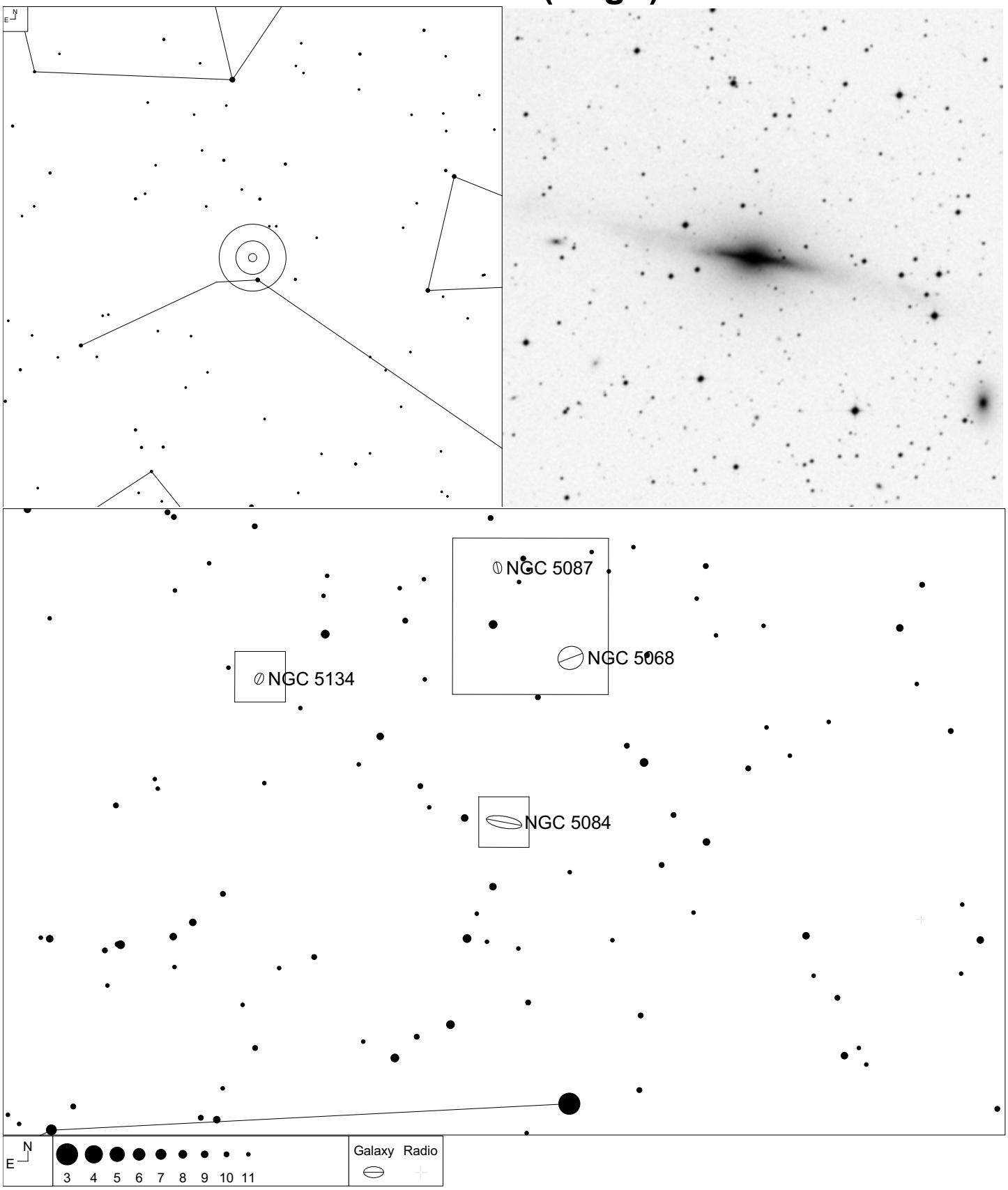






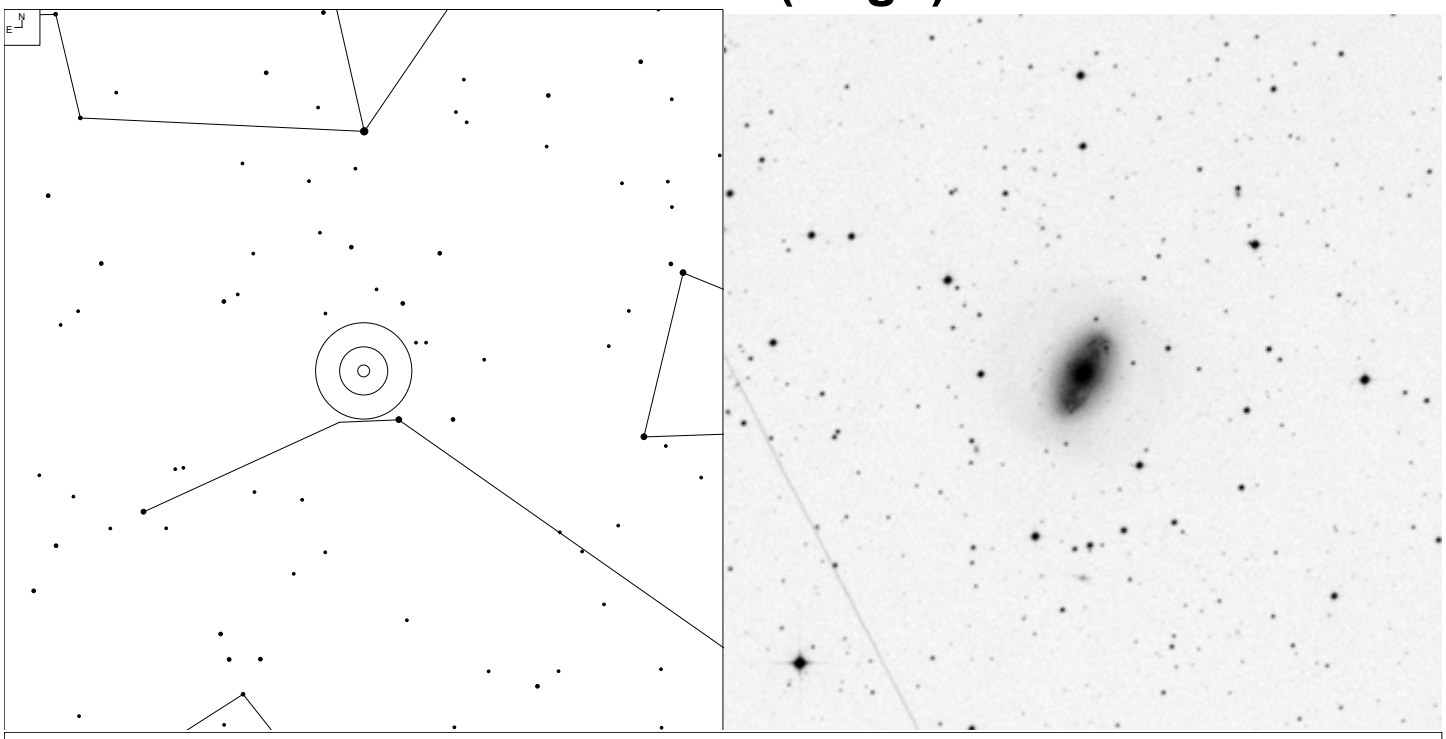
Herschel	RA	Dec	Mag	Size	Type
H II 312	13 18 54.6	-21 02 20	10.7b	7.3 x 6.5’	G SAB(rs)cd
H III 724	13 20 24.9	-20 36 40	12.4b	2.3 x 1.6’	G E+/S0

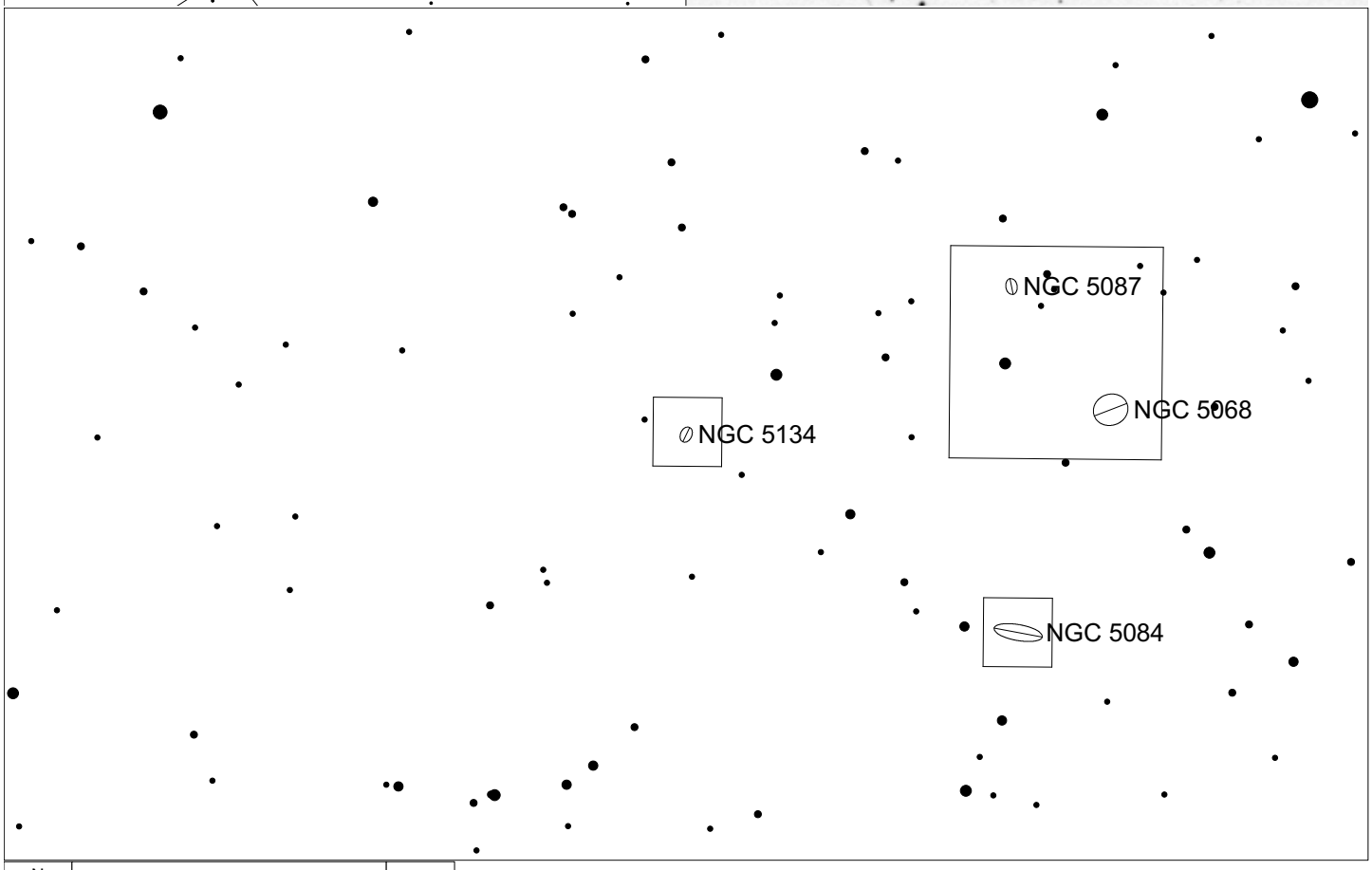
NGC 5084 (Virgo)

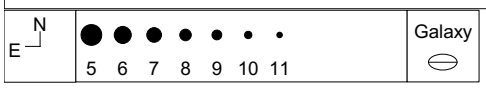


Herschel	RA	Dec	Mag	Size	Type
H II 313	13 20 16.6	-21 49 39	11.6b	102 x 1.7’	G S0 sp

NGC 5134 (Virgo)

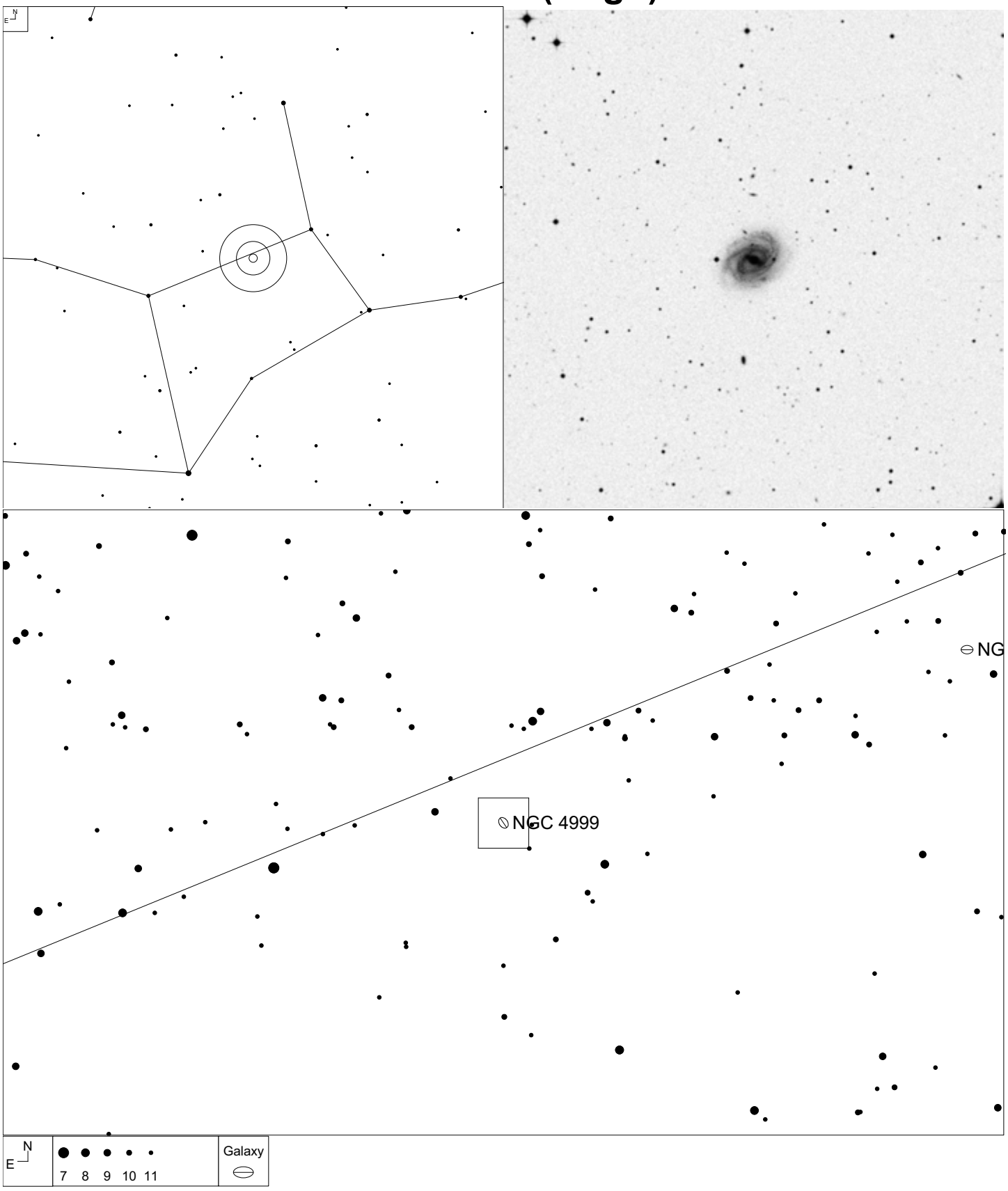






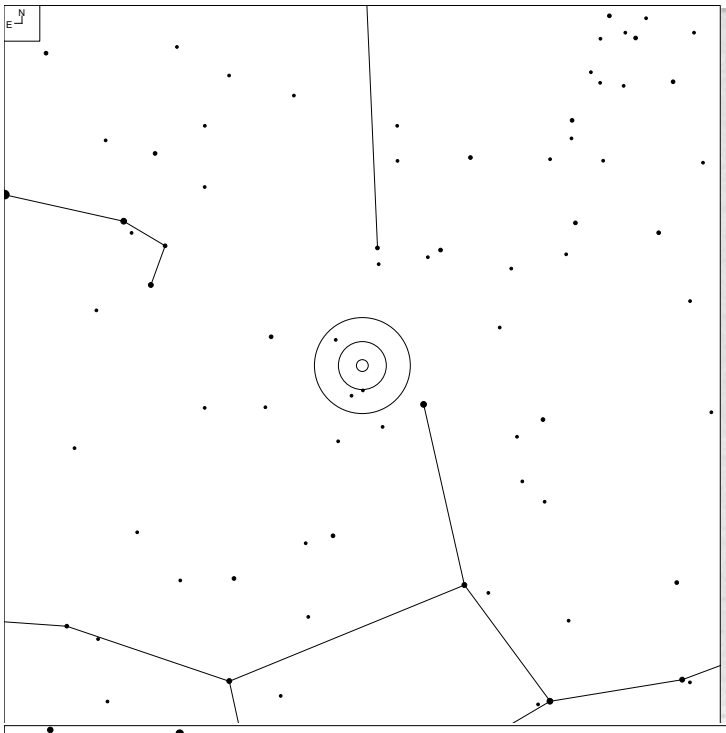
Herschel	RA	Dec	Mag	Size	Type
H II 314	13 25 18.5	-21 08 04	12.1b	2.9 x 1.7’	G (R)SAB(r)a

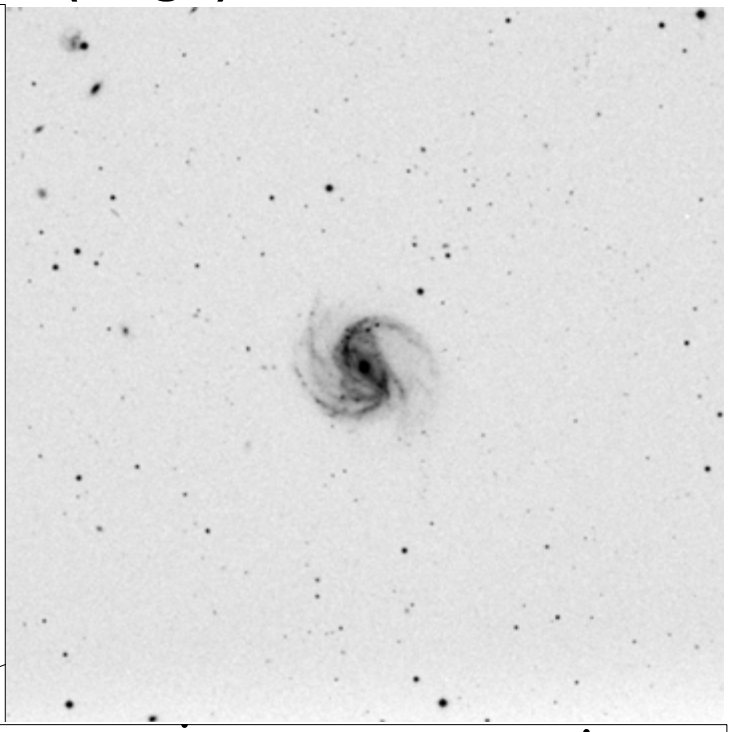
NGC 4999 (Virgo)

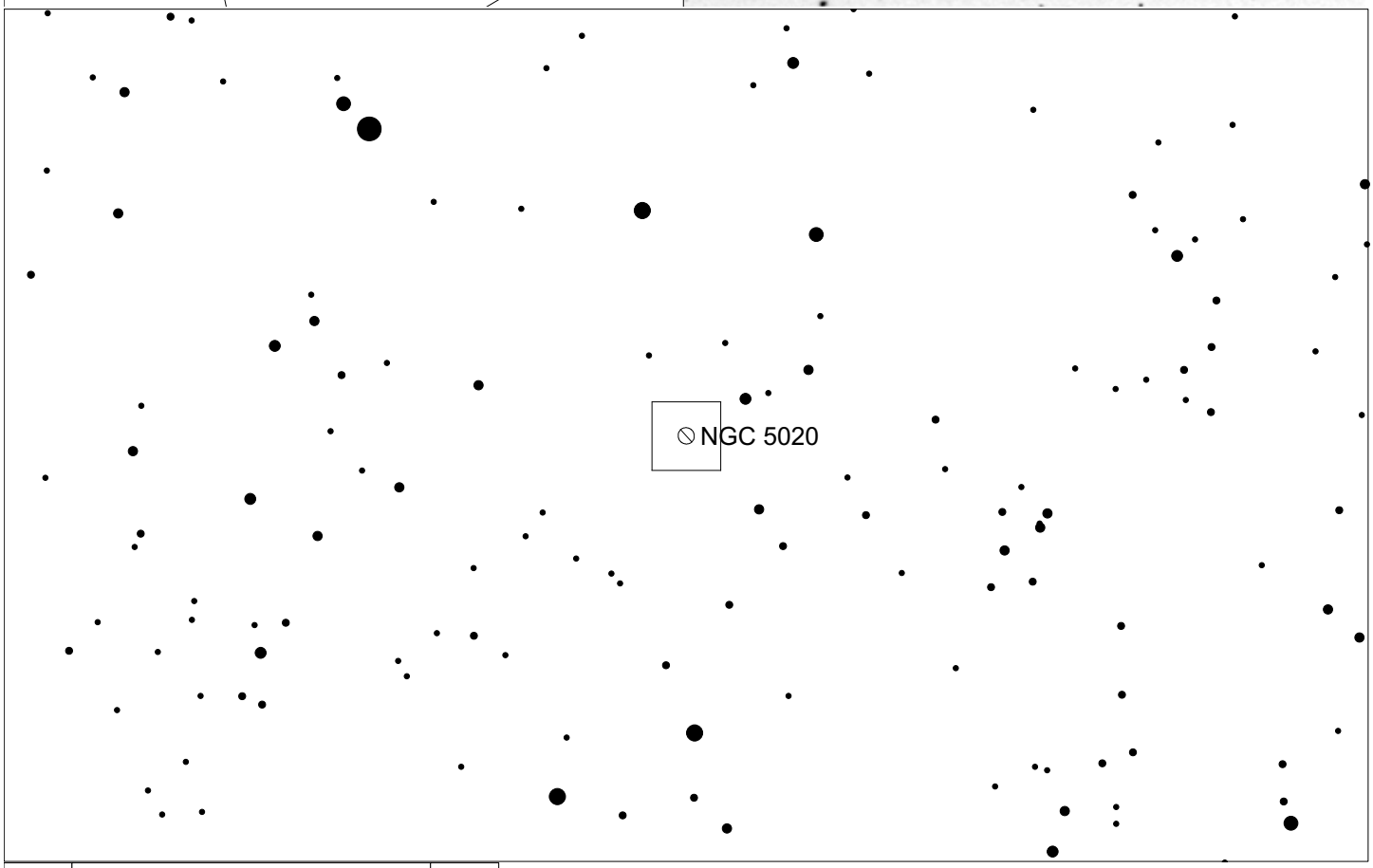


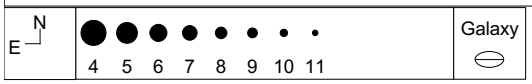
Herschel	RA	Dec	Mag	Size	Type
H II 537	13 09 33.1	+01 40 23	12.6p	2.4 x 1.9’	G SB(r)b

NGC 5020 (Virgo)



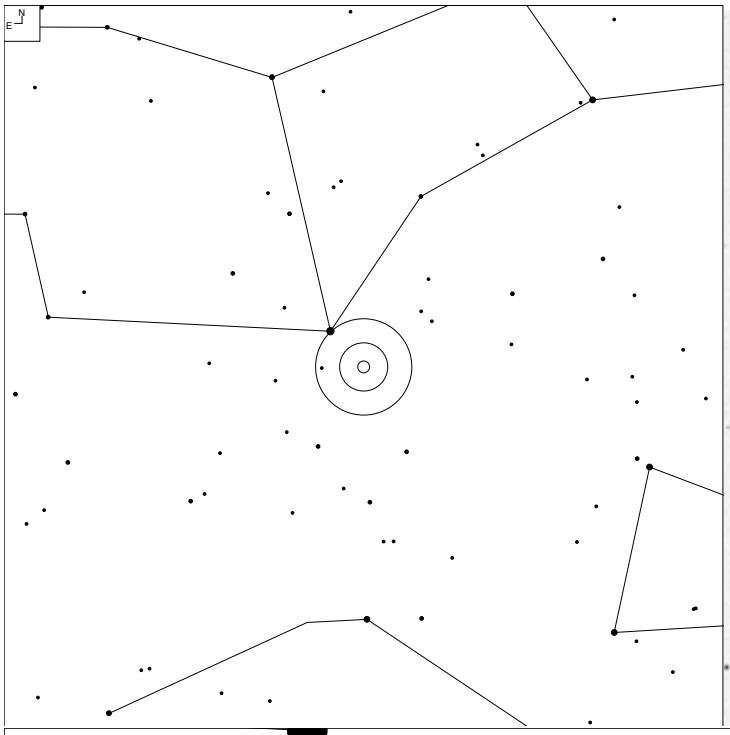


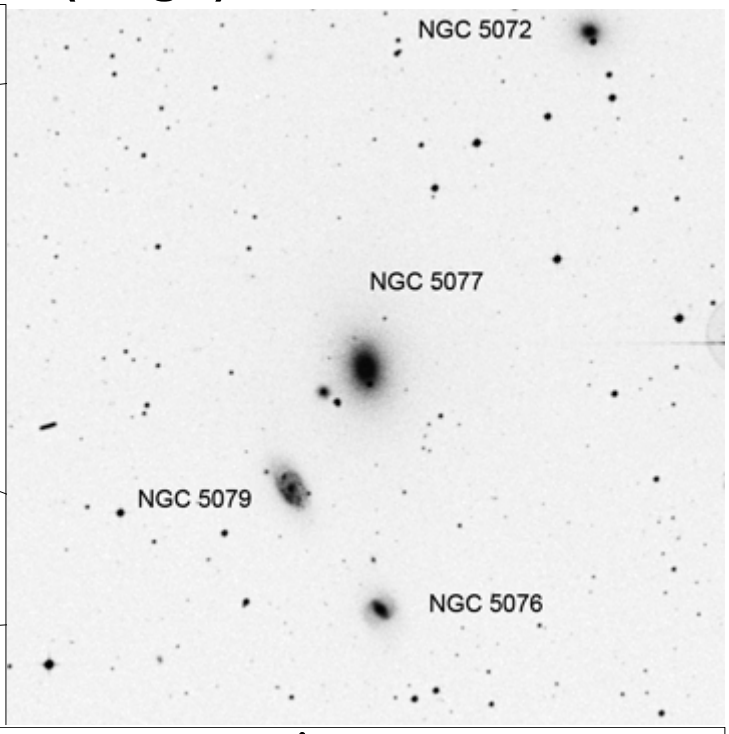


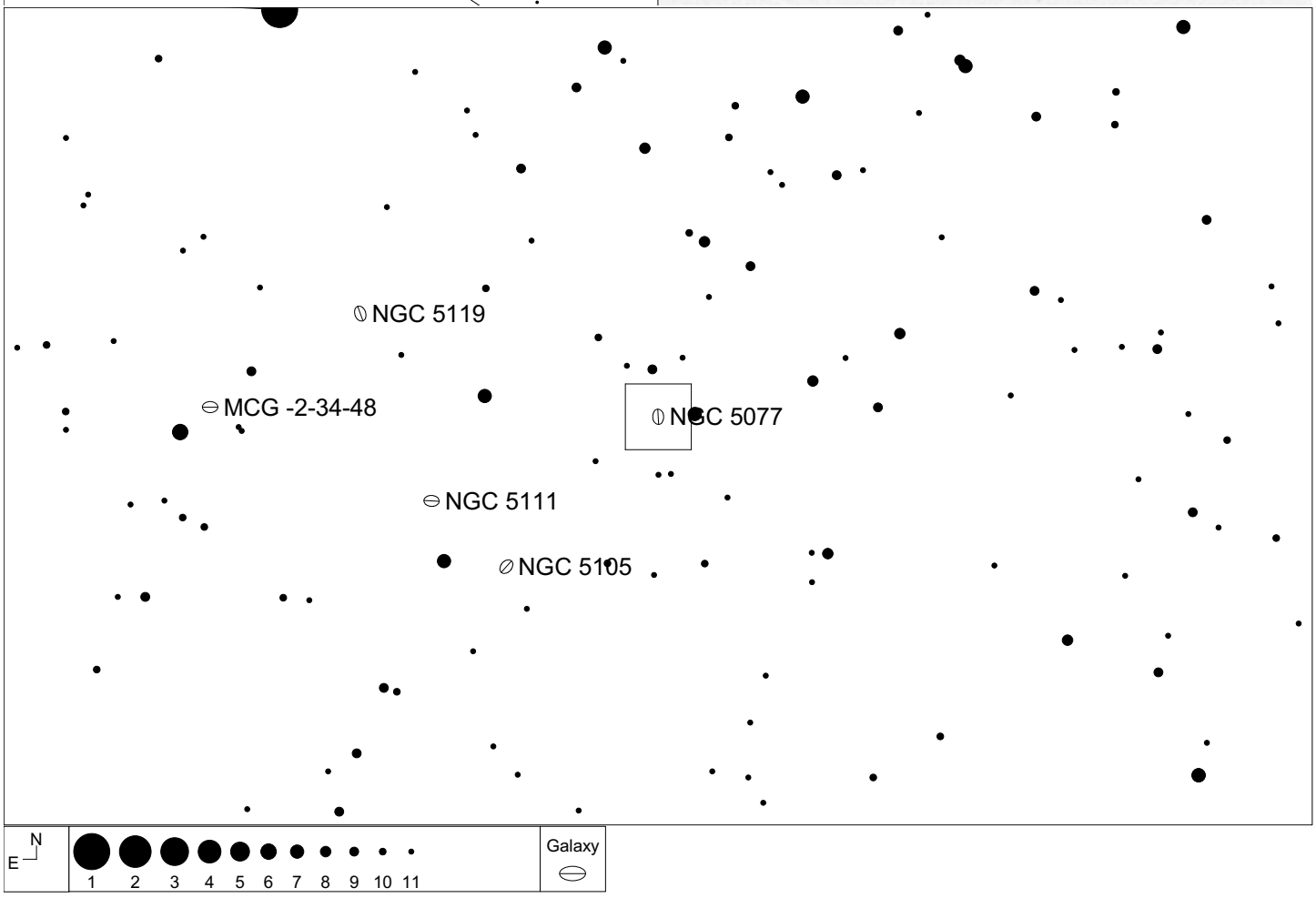


Herschel	RA	Dec	Mag	Size	Type
H II 129	13 12 39.9	+12 35 59	12.5p	3.4 x 2.9’	G SAB(rs)bc

NGC 5077 (Virgo)

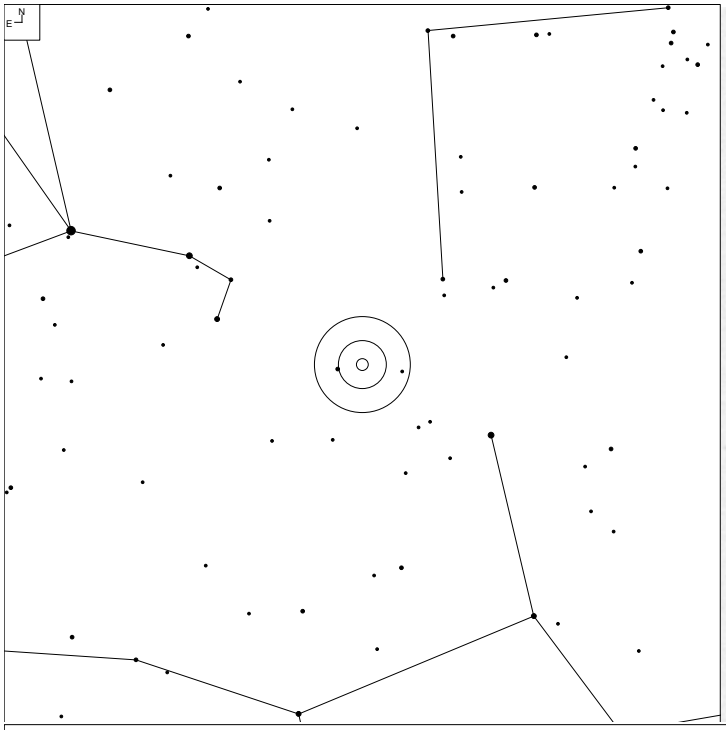


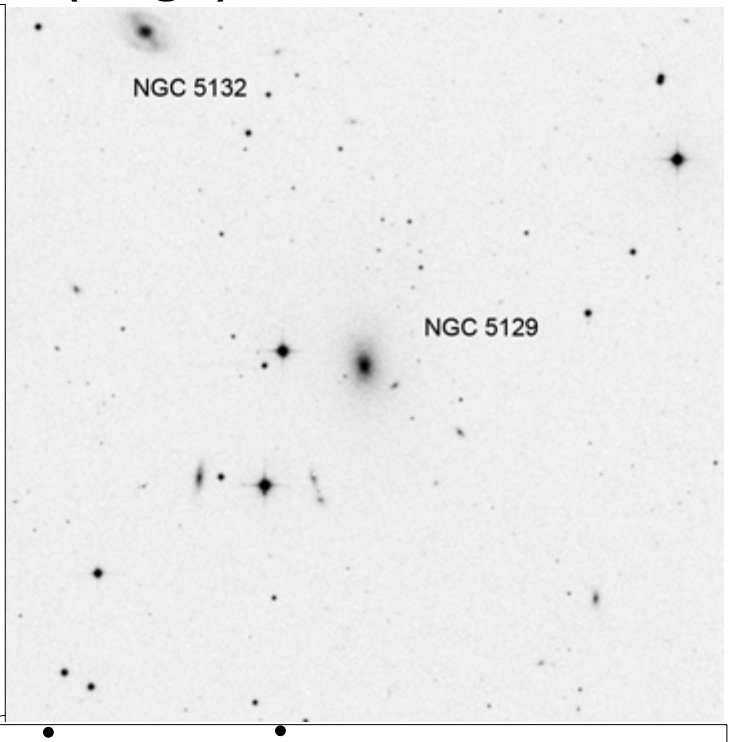


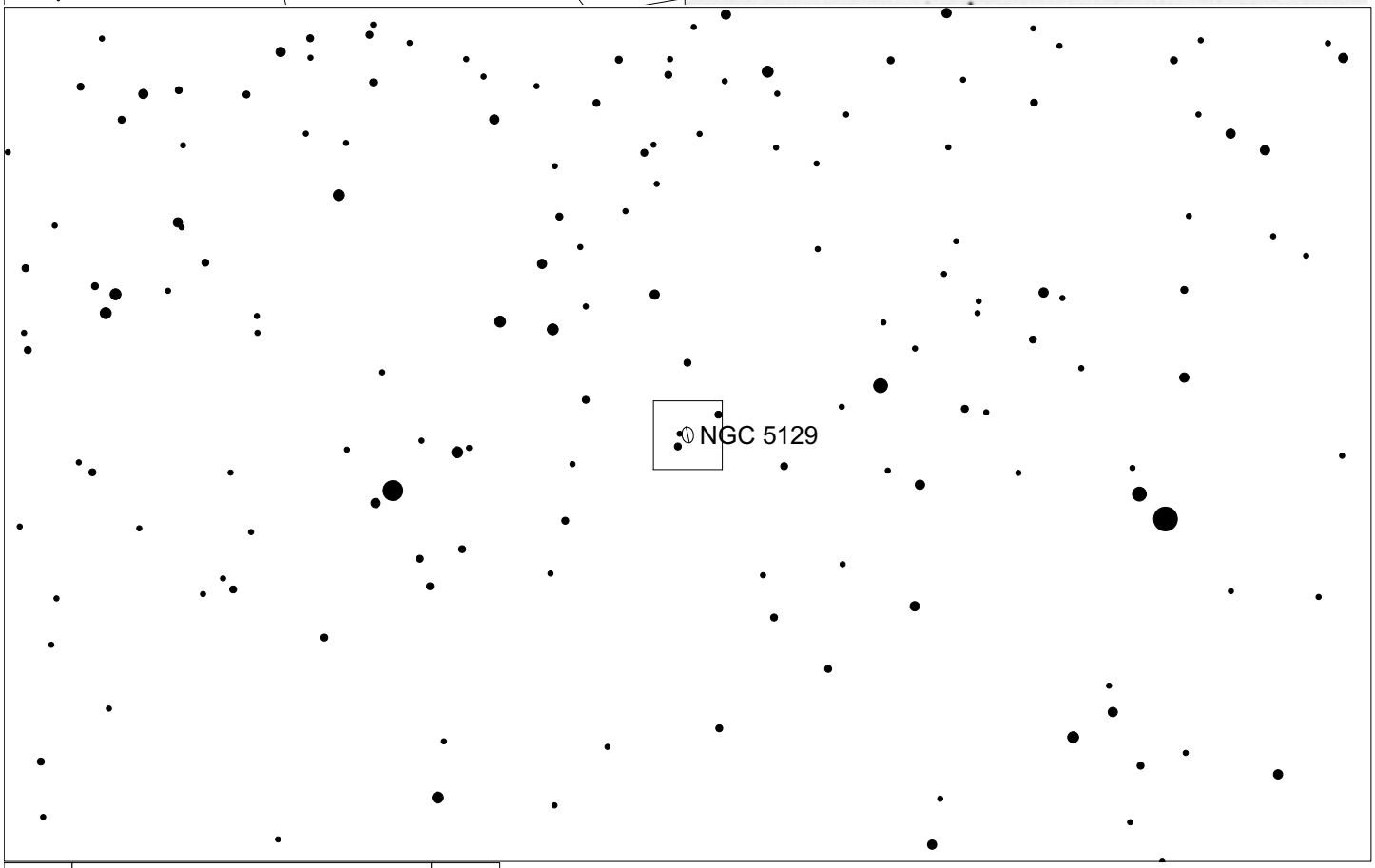


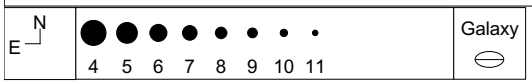
Herschel	RA	Dec	Mag	Size	Type
H II 193	13 19 31.6	-12 39 24	11.3v	2.8 x 2.3’	G E3-4

NGC 5129 (Virgo)



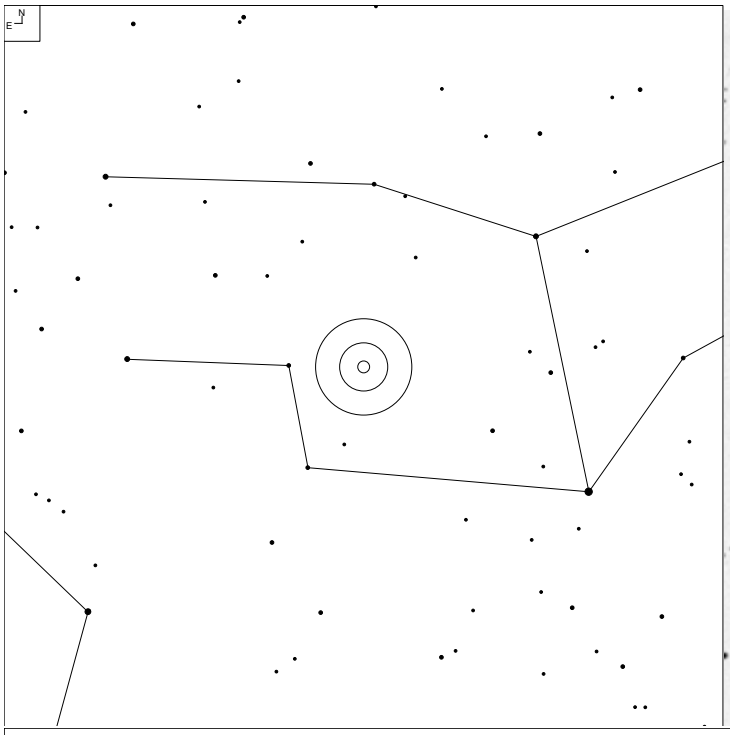


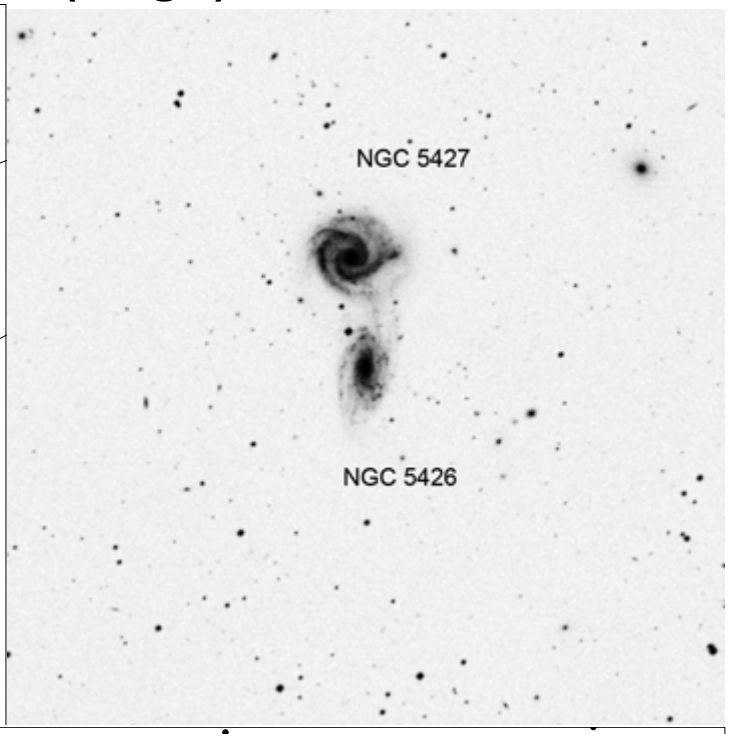


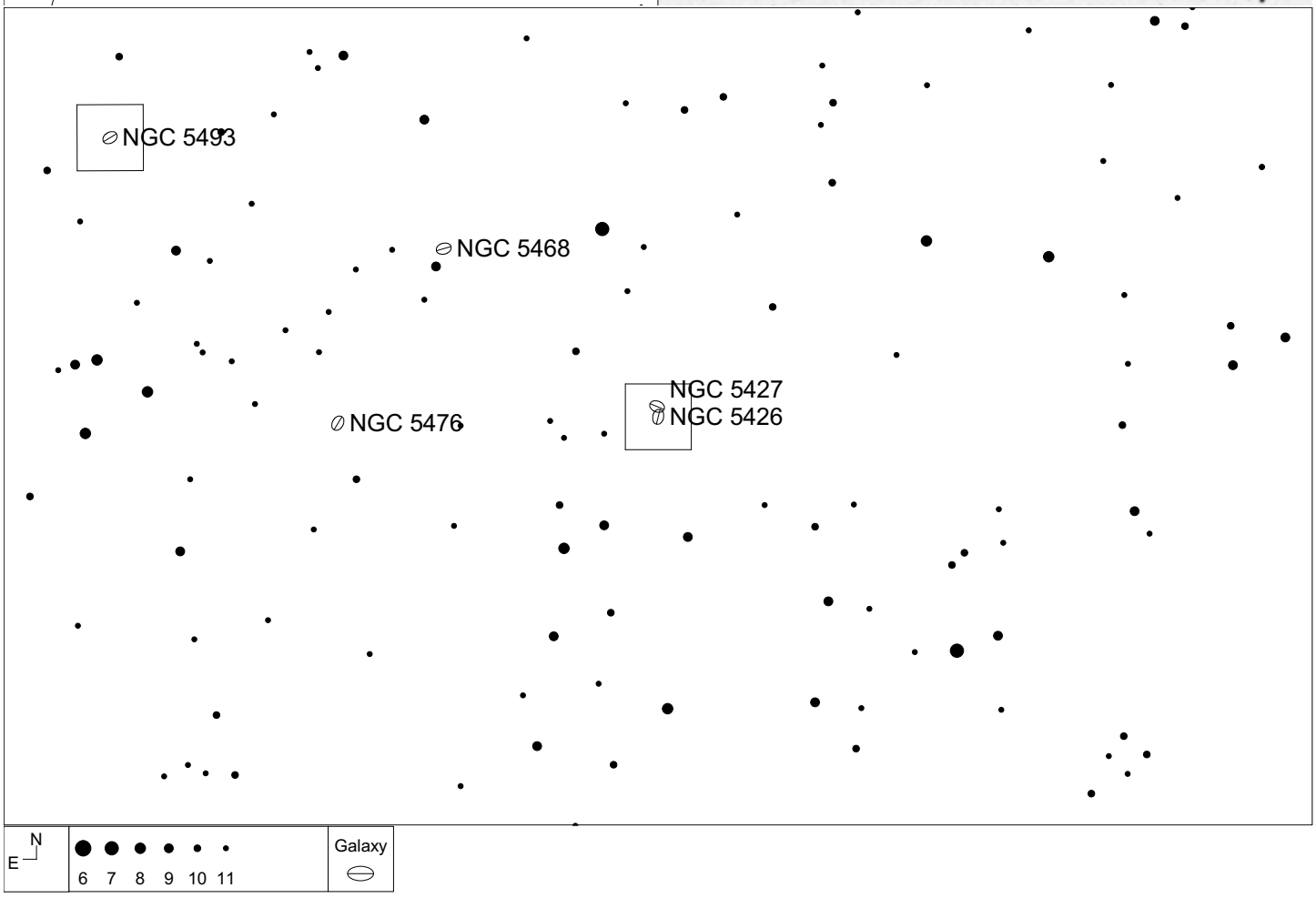


Herschel	RA	Dec	Mag	Size	Type
H II 653	13 24 10.0	+13 58 35	13.0b	1.6 x1.3’	G E

NGC 5426 (Virgo)

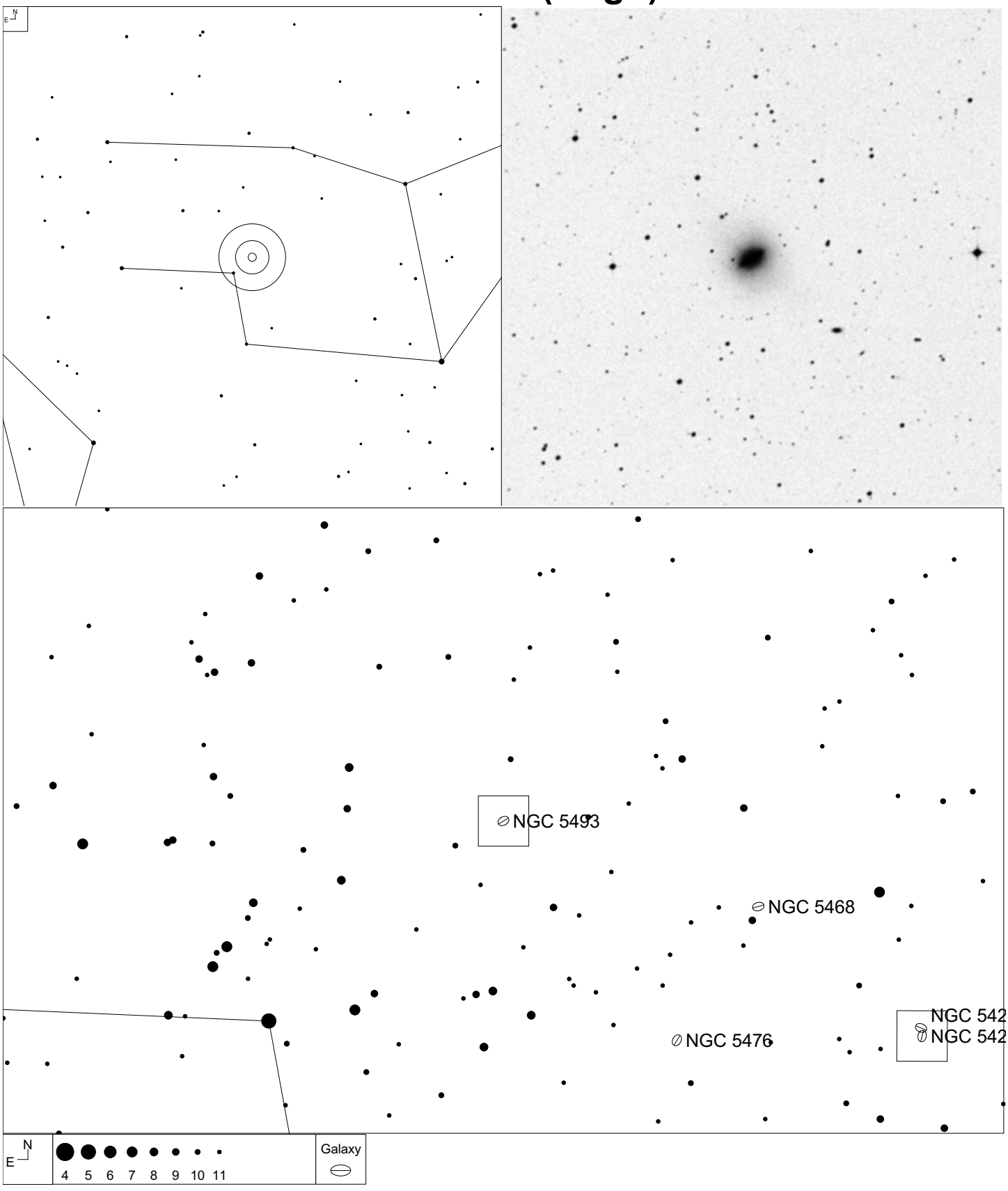






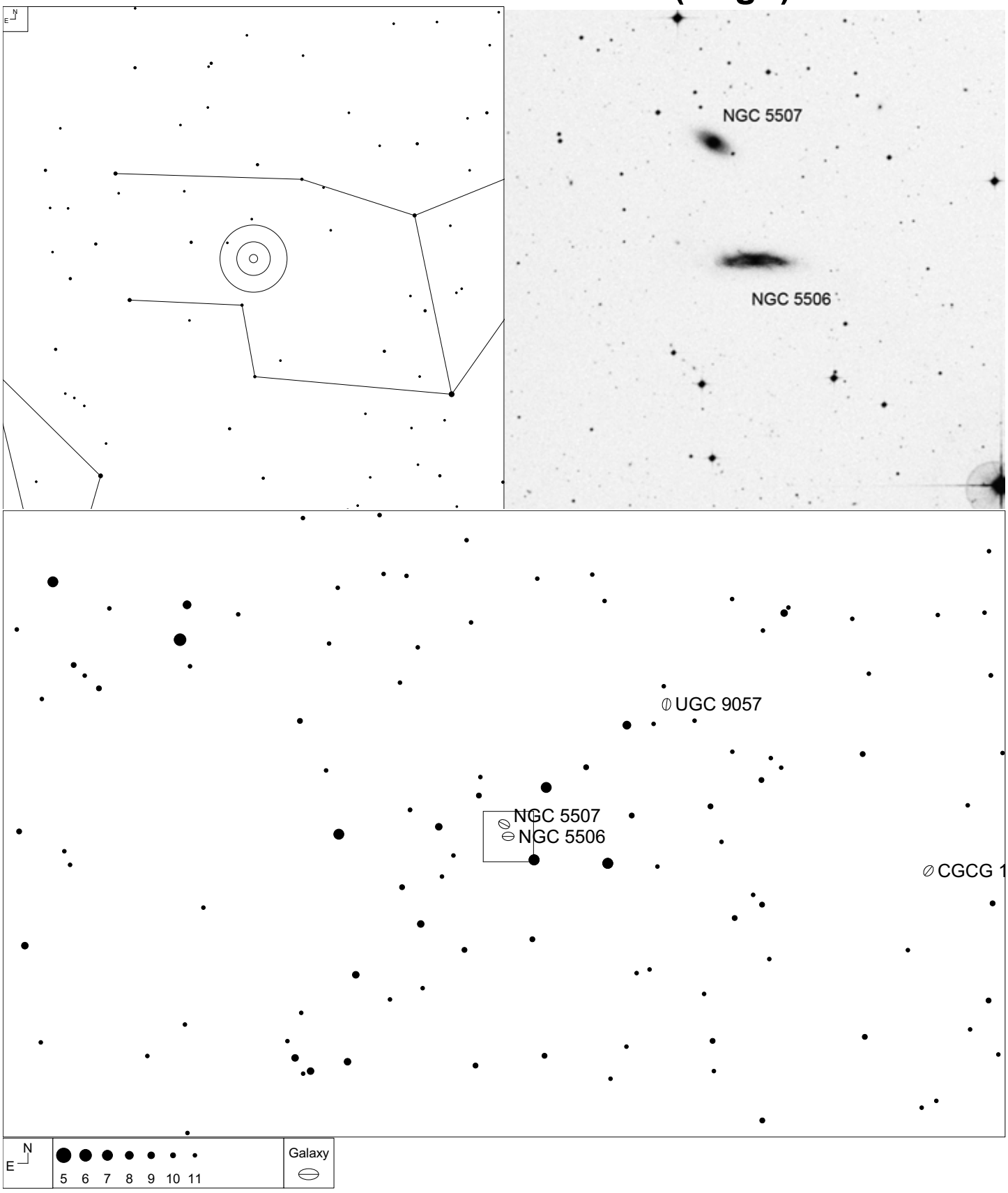
Herschel	RA	Dec	Mag	Size	Type
H II 309	14 03 25.0	-06 04 09	12.7b	3.0 x 1.6’	G SA(s)c pec

NGC 5493 (Virgo)



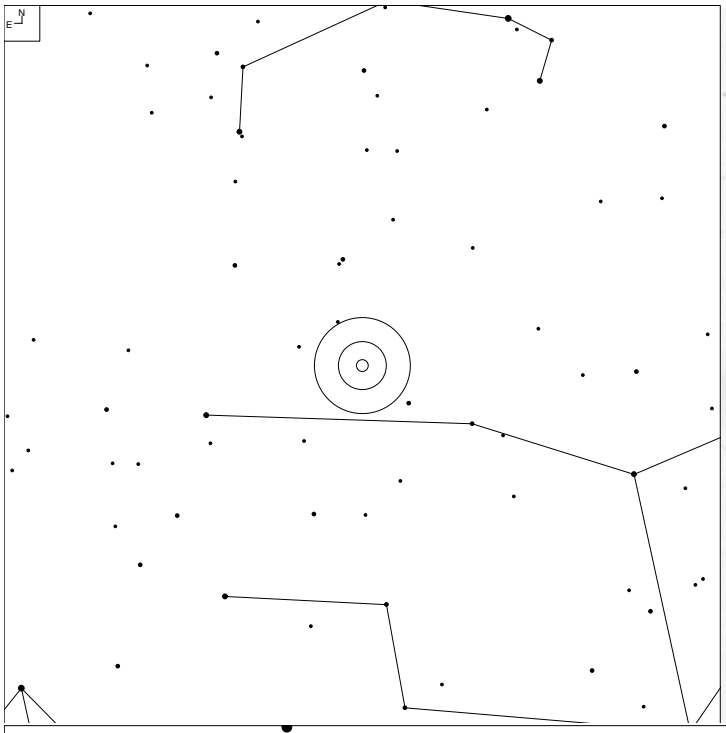
Herschel	RA	Dec	Mag	Size	Type
H IV 46	14 11 29.3	-05 02 37	12.3b	1.6 x 1.2’	G S0 pec sp

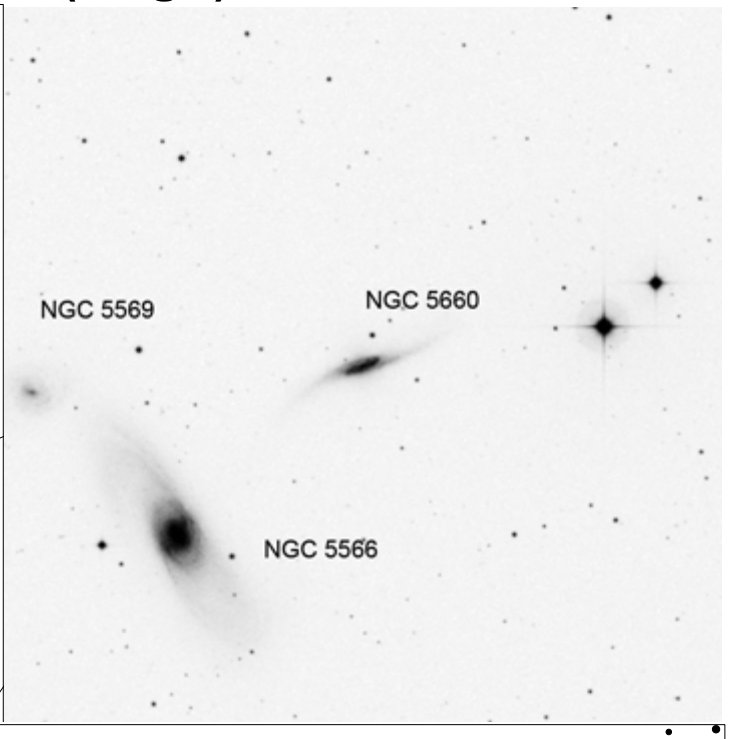
NGC 5506 and NGC 5507 (Virgo)

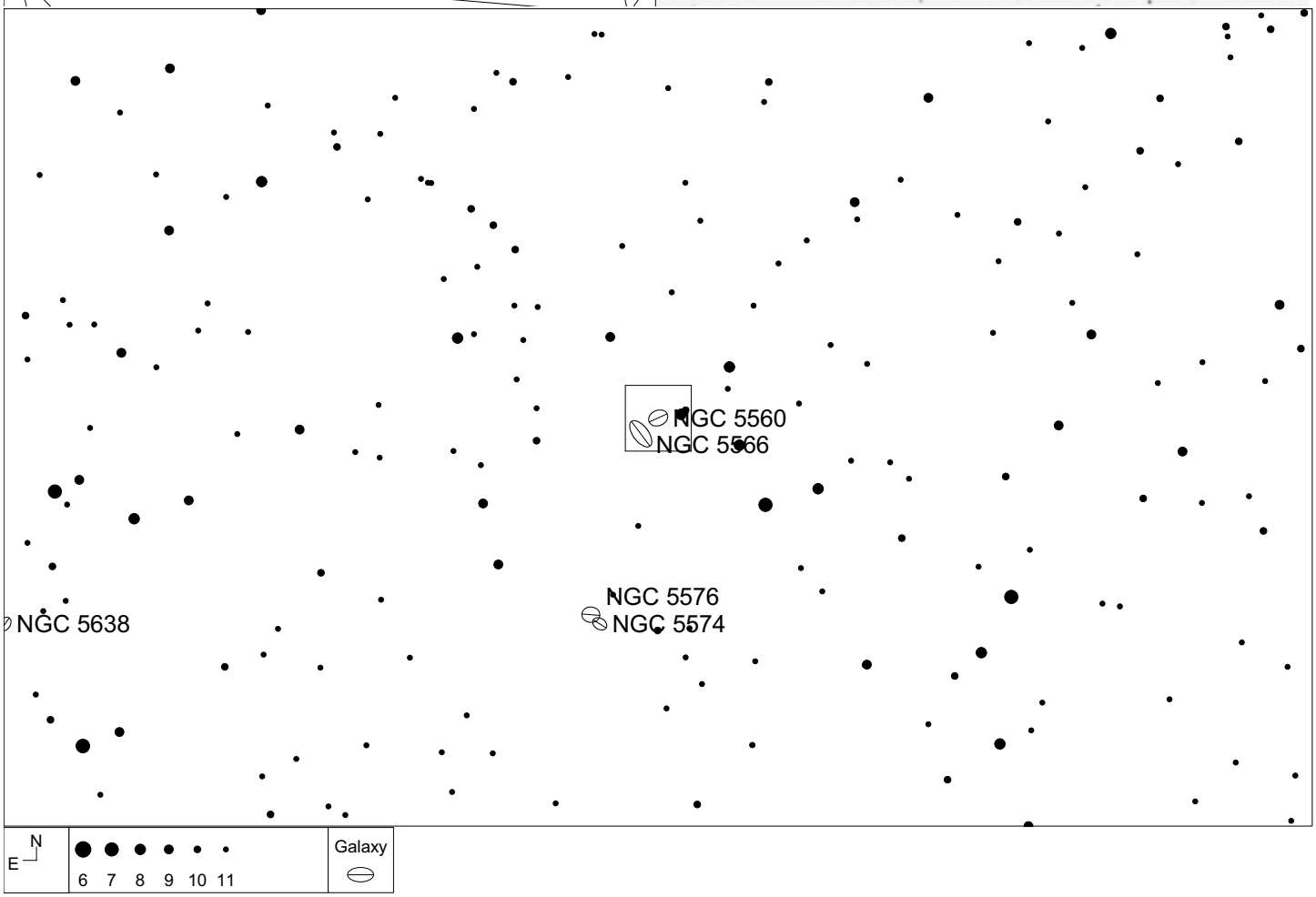


Herschel	RA	Dec	Mag	Size	Type
H II 687	14 13 14.8	-03 12 27	12.8b	2.8 x 0.8’	G Sa pec sp
H IV 49	14 13 19.8	-03 08 56	13.5b	1.5 x 0.7’	G SAB(r)0°

NGC 5560 (Virgo)

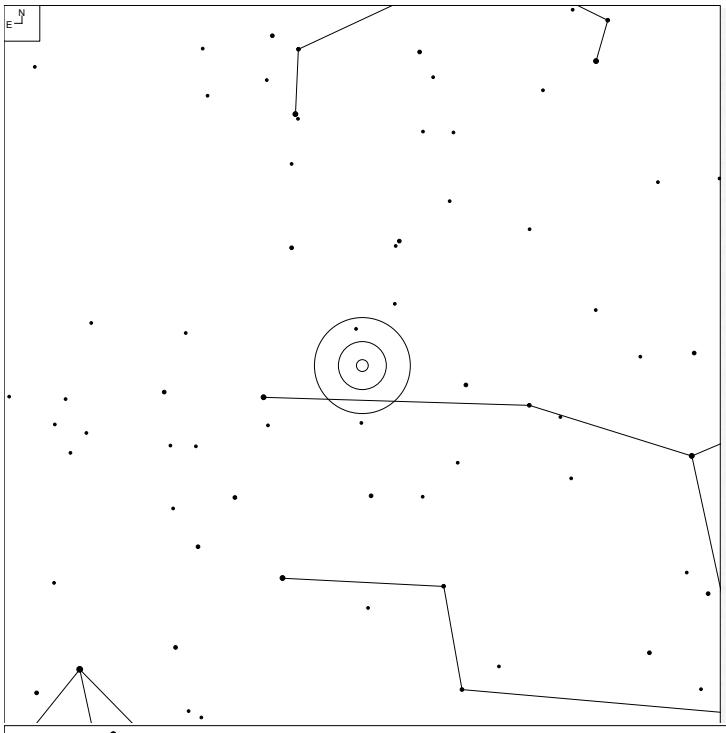


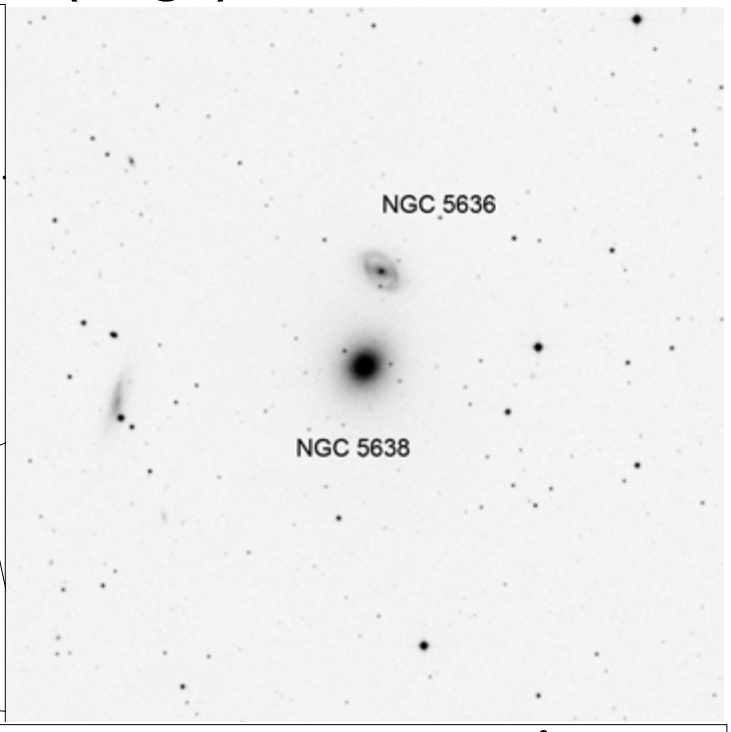


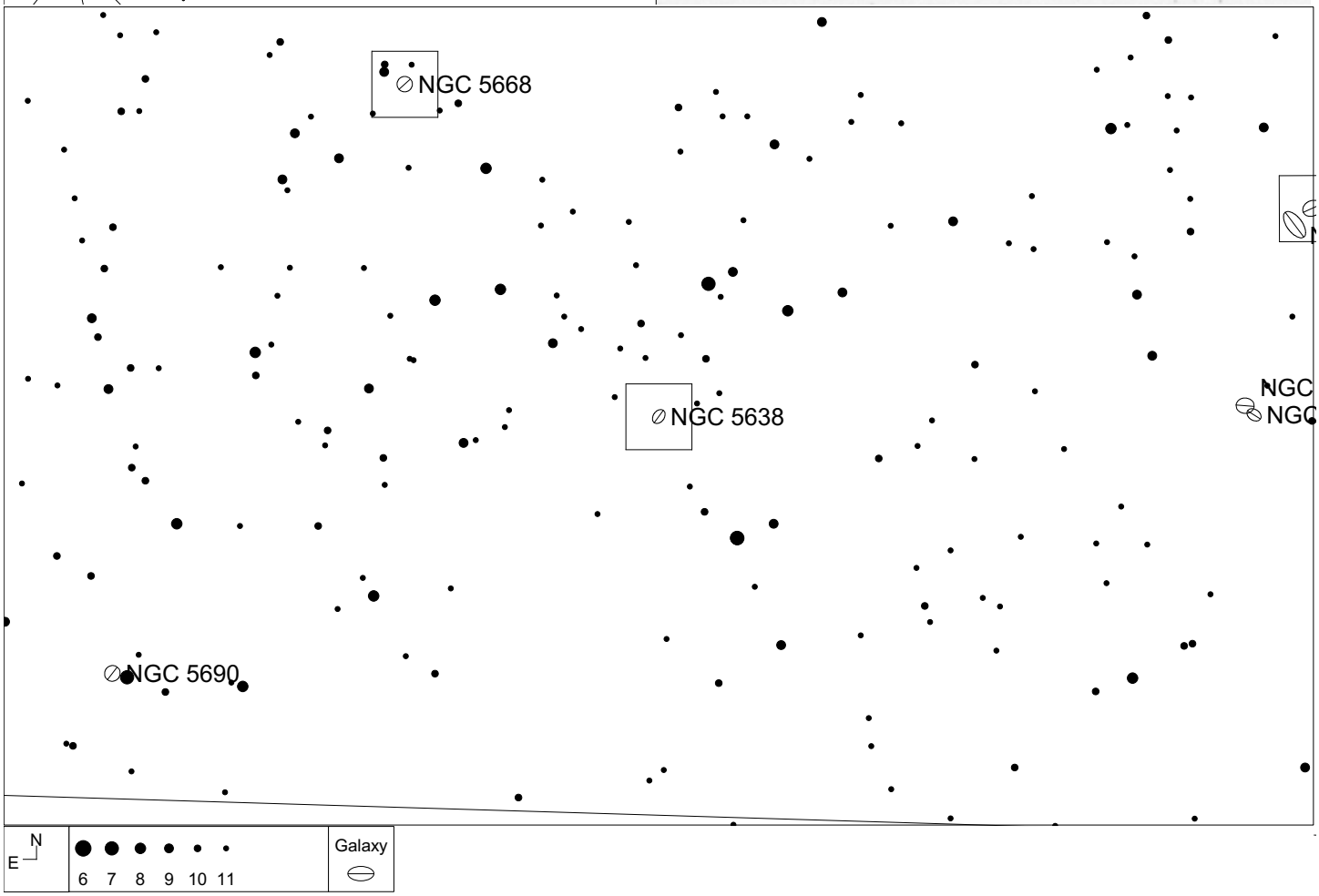


Herschel	RA	Dec	Mag	Size	Type
H II 579	14 20 04.6	+03 59 32	12.4v	4.3 x 1.2’	G SB(s)b pec

NGC 5638 (Virgo)

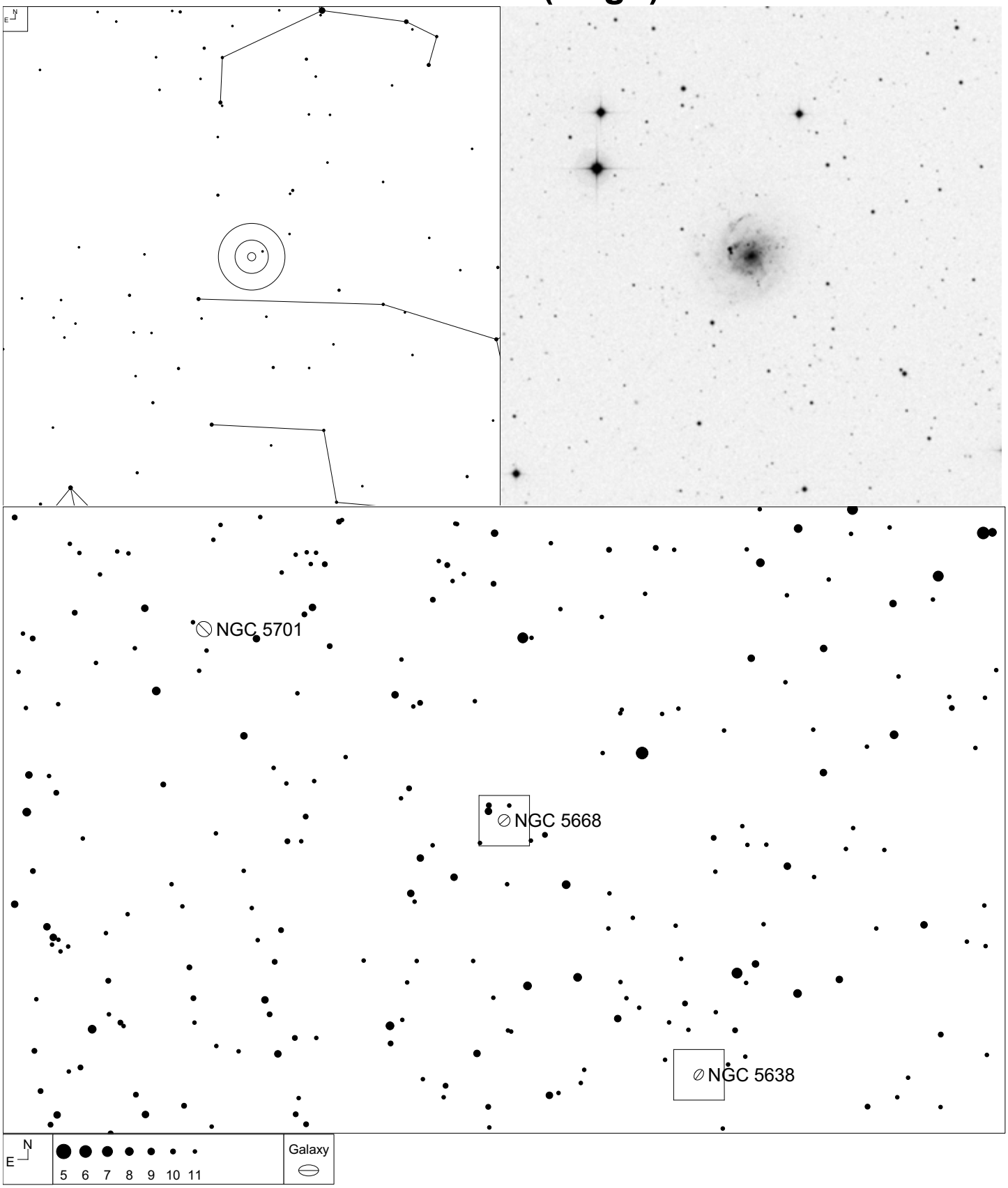






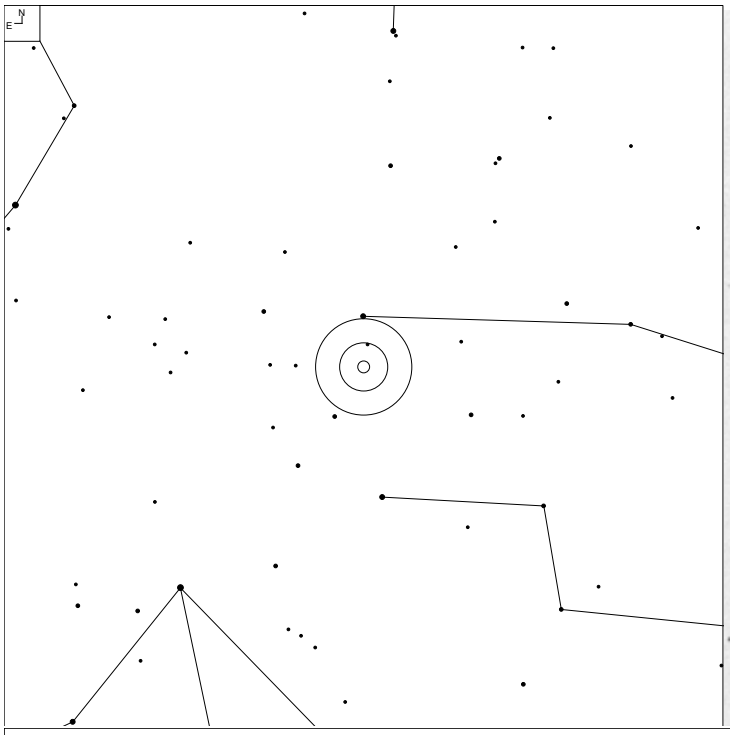
Herschel	RA	Dec	Mag	Size	Type
H II 581	14 29 40.5	+03 13 59	11.2v	2.7 x 2.4’	G E1

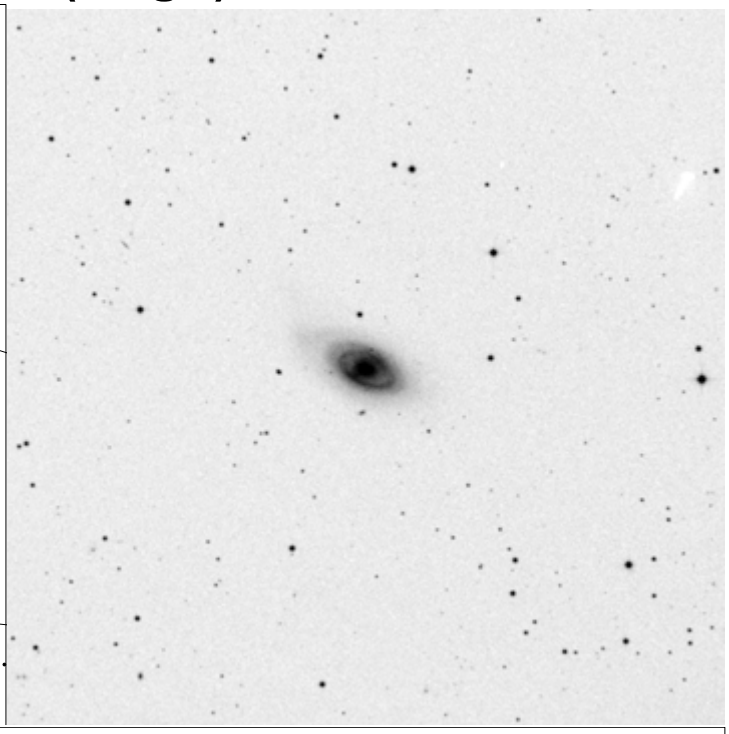
NGC 5668 (Virgo)

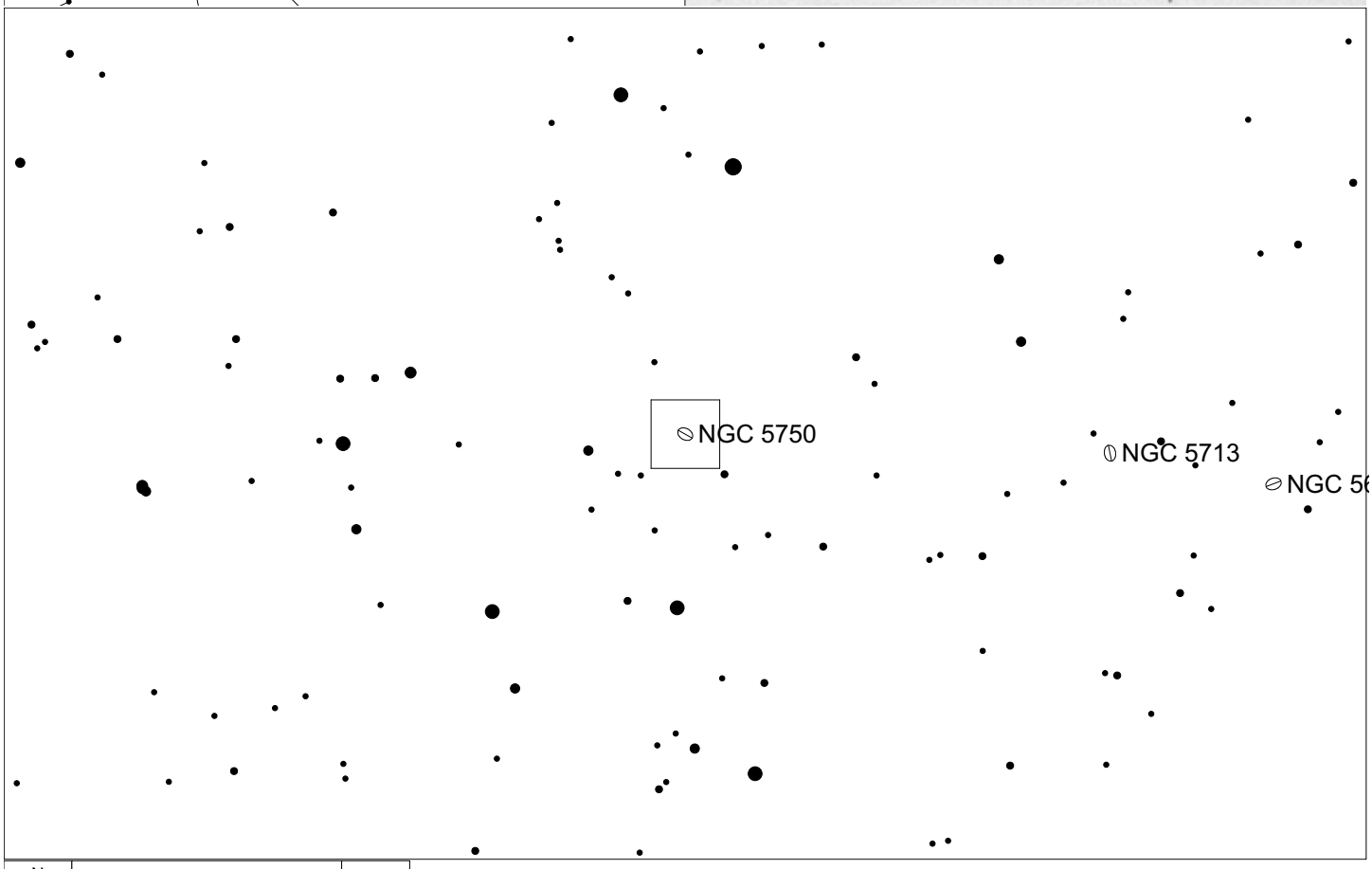


Herschel	RA	Dec	Mag	Size	Type
H II 574	14 33 24.4	+04 27 01	12.2b	3.3 x 3.0’	G SA(s)d

NGC 5750 (Virgo)

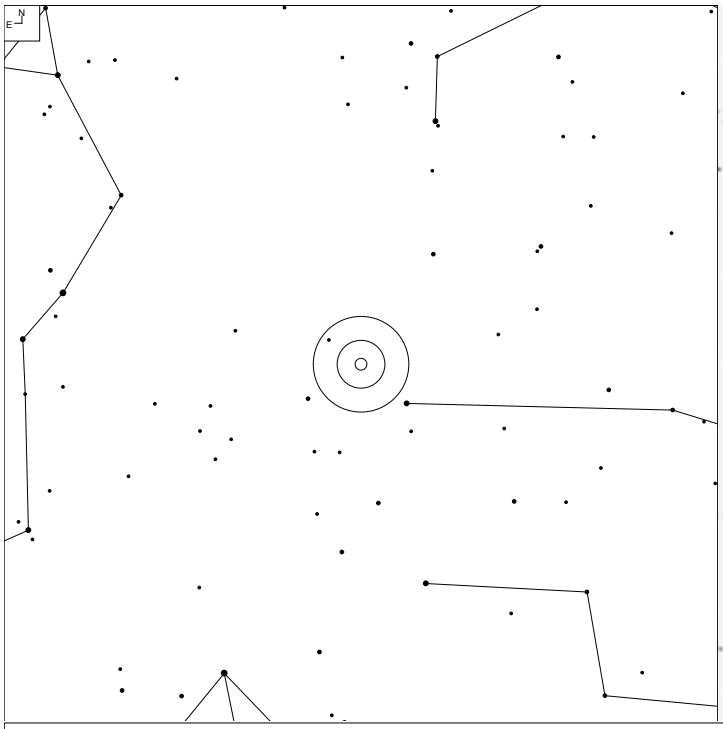


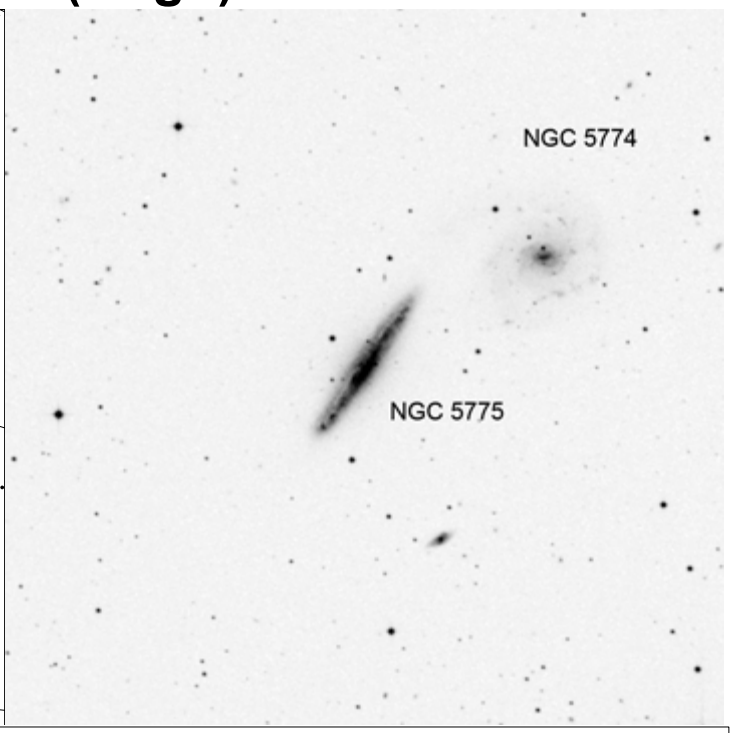


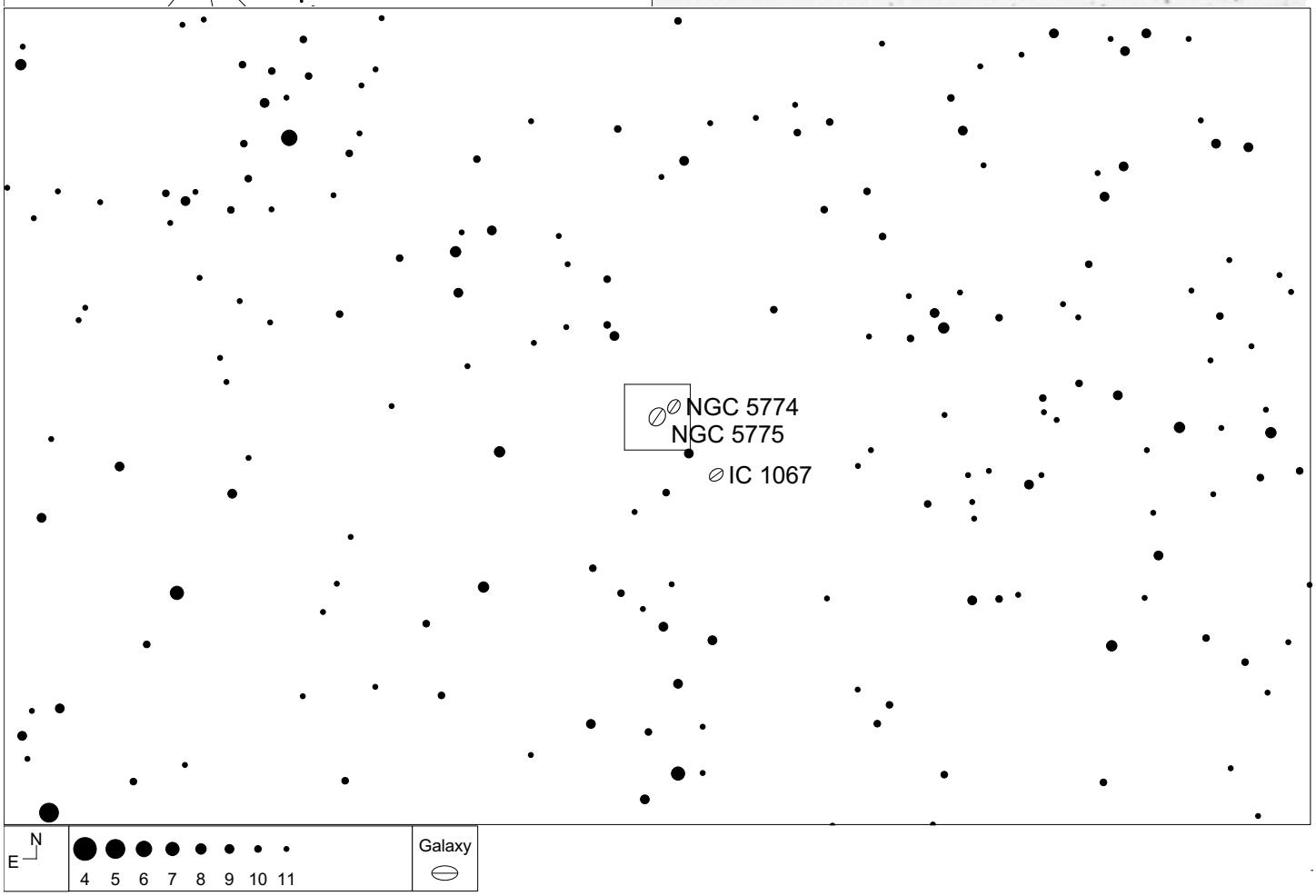


Herschel	RA	Dec	Mag	Size	Type
H I 183	14 46 11.1	-00 13 25	12.5b	3.0 x 1.5’	G SB(r)0/a

NGC 5775 (Virgo)

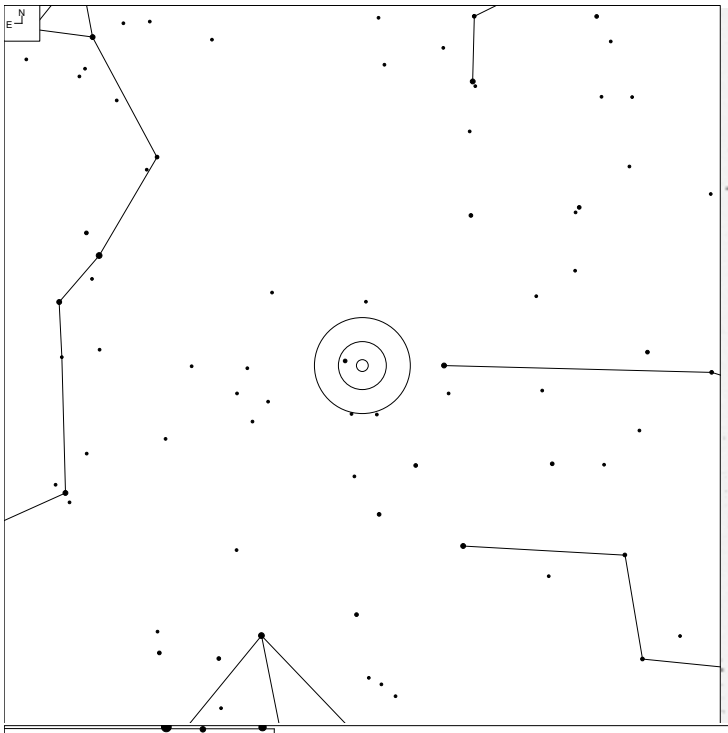


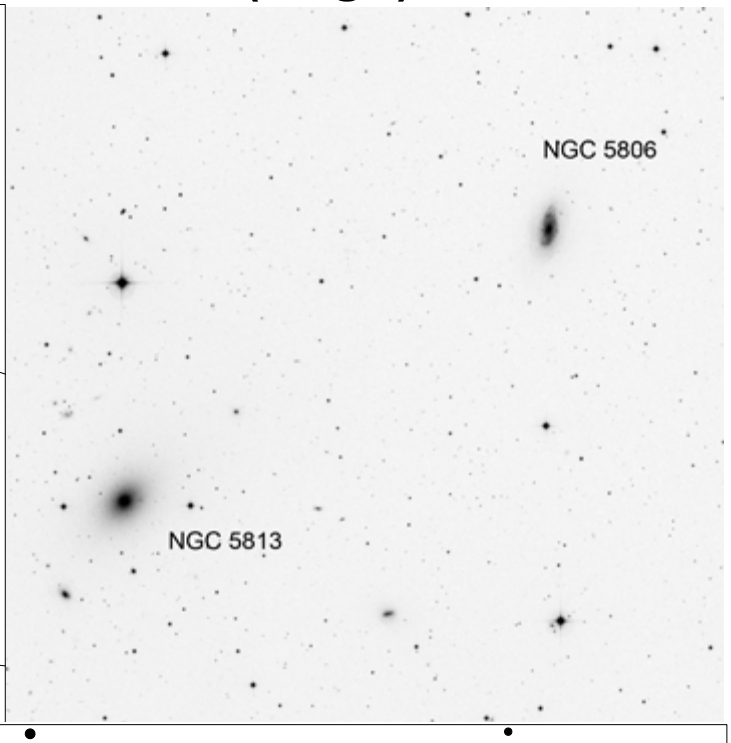


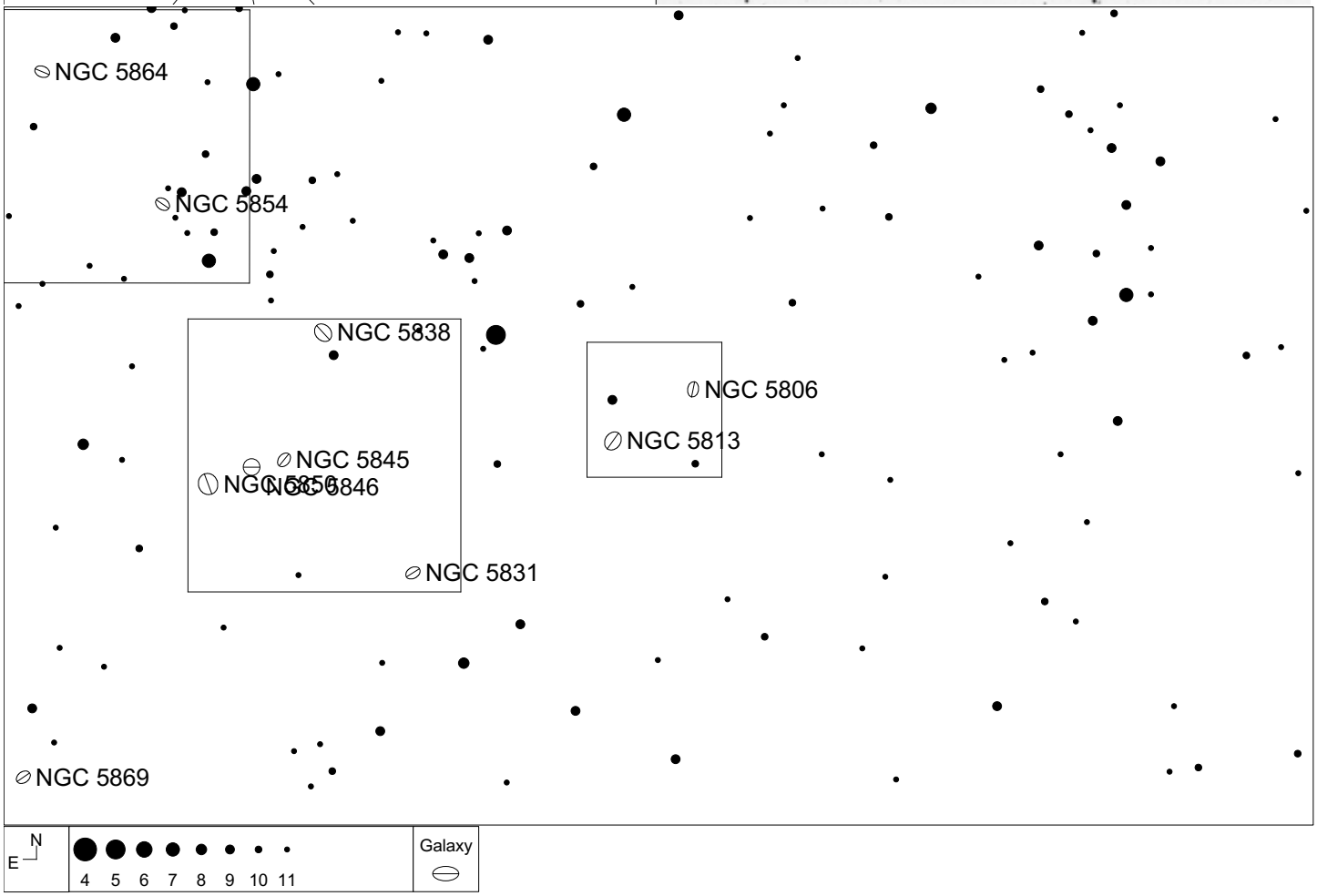


Herschel	RA	Dec	Mag	Size	Type
H III 554	14 53 57.5	+03 32 42	12.2b	4.2 x 1.0’	G SBc? sp

NGC 5806 and NGC 5813 (Virgo)

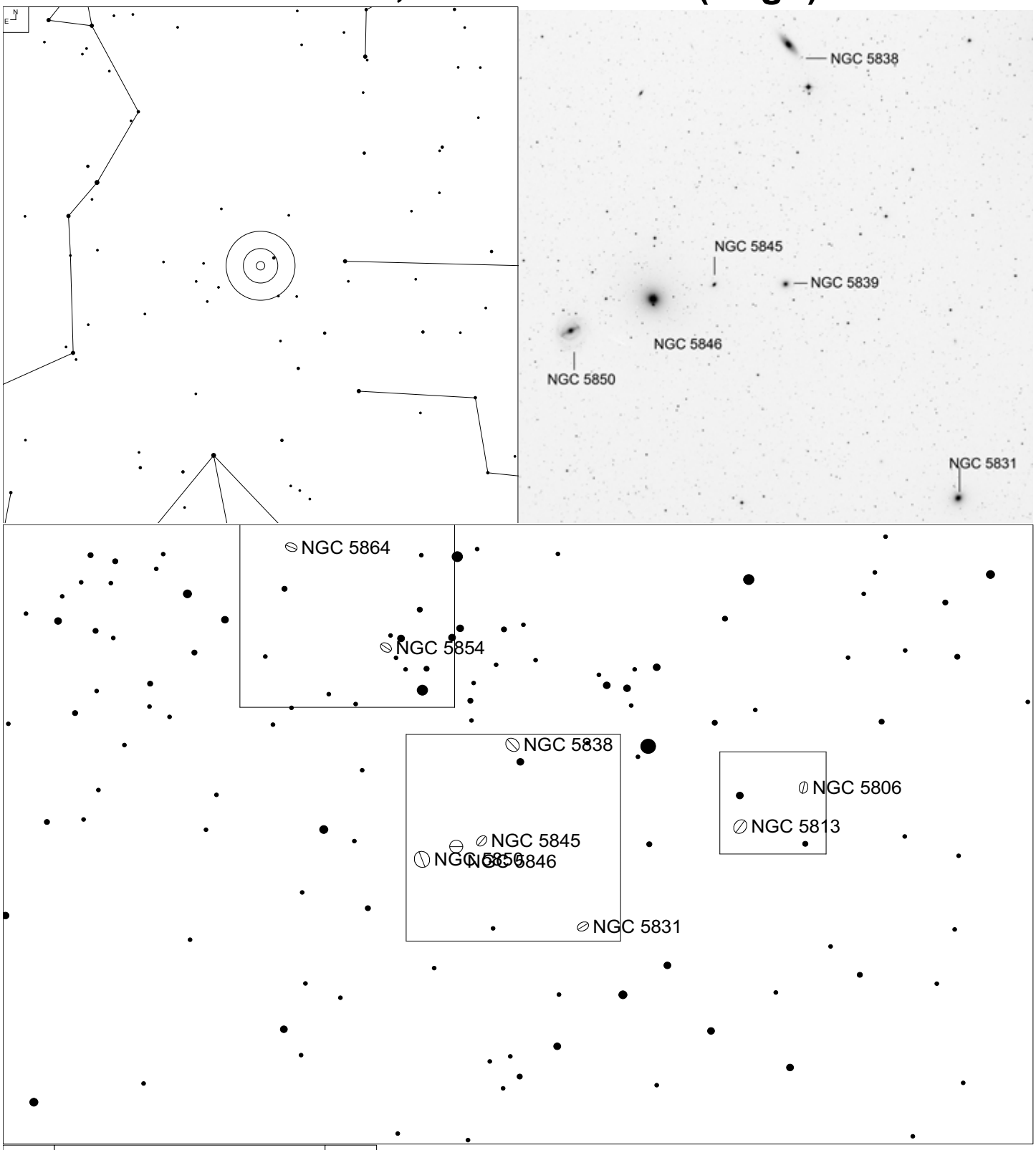






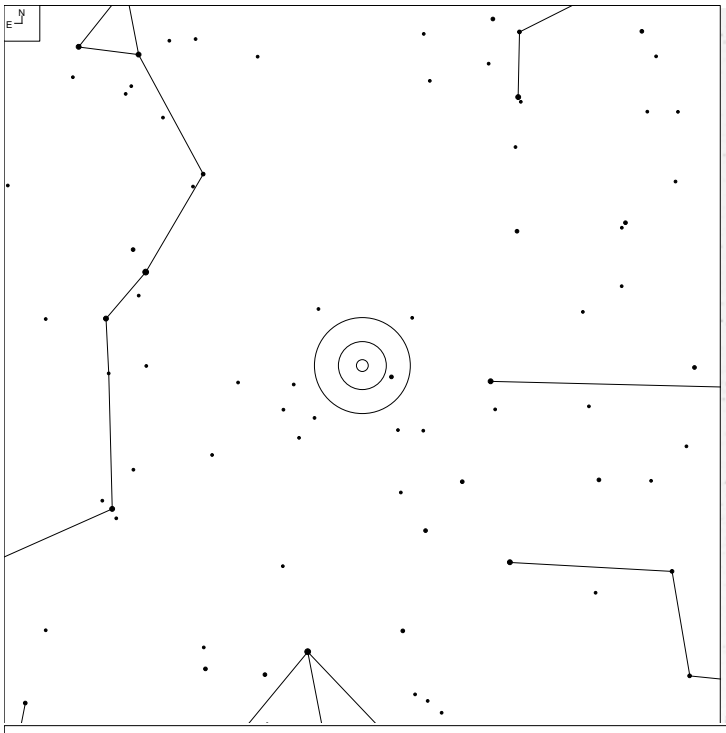
Herschel	RA	Dec	Mag	Size	Type
H II 539	15 00 00.3	+01 53 28	12.4b	3.0 x 1.5’	G SAB(s)b
H I 127	15 01 11.2	+01 42 07	11.5b	4.1 x 2.9’	G E1-2

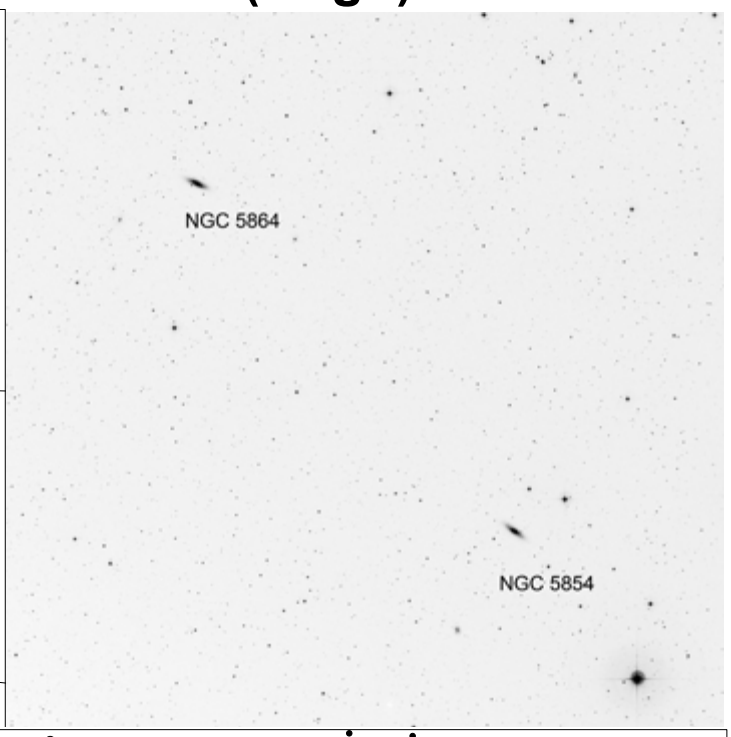
NGC 5831, 5838 and 5850 (Virgo)

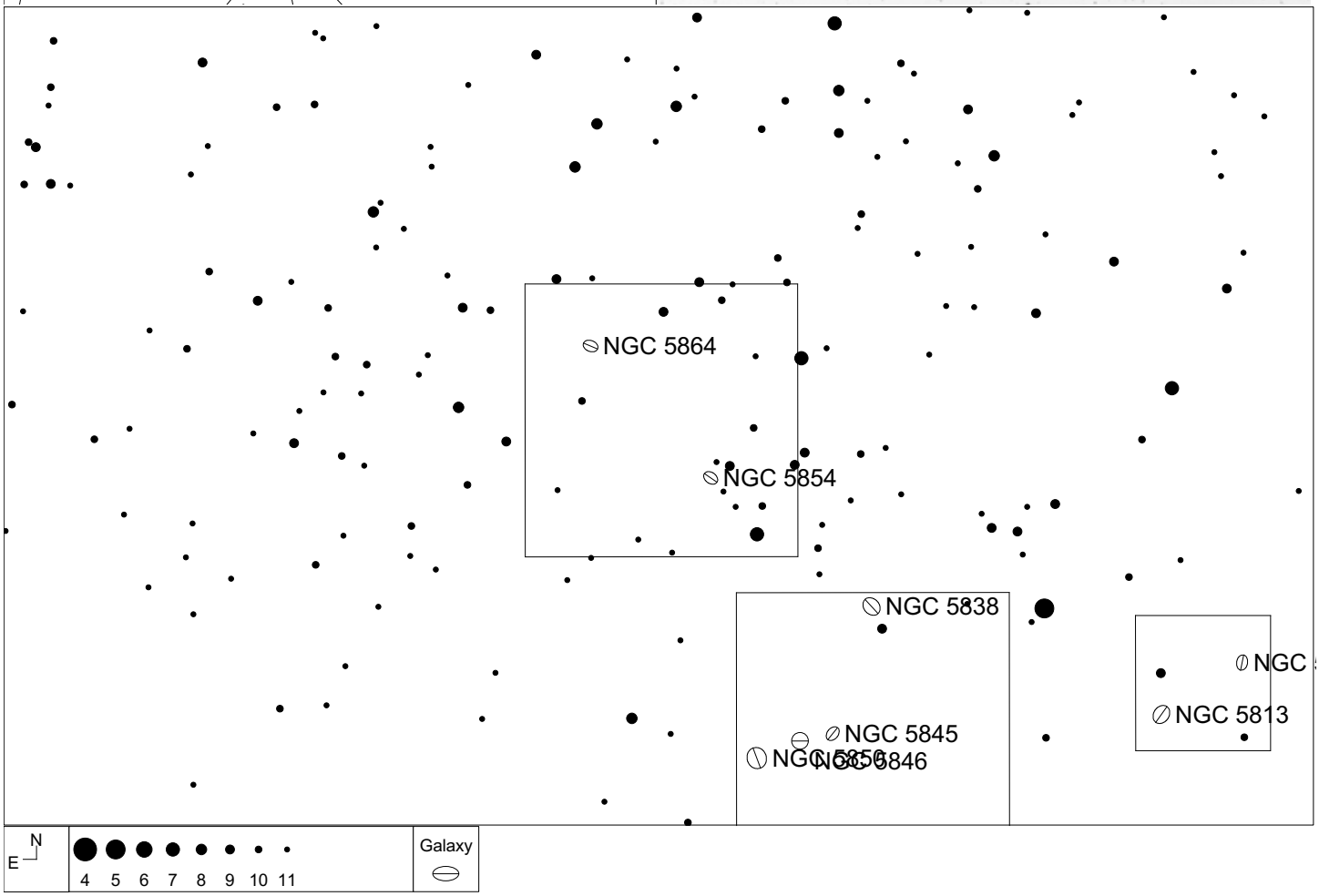


Herschel	RA	Dec	Mag	Size	Type
H II 540	15 04 07.0	+01 13 11	11.5v	2.0 x 1.7’	G E3
H II 542	15 05 26.2	+02 05 58	11.9b	4.1 x 1.4’	G SA0-
H II 543	15 07 07.8	+01 32 47	10.7v	4.6 x 4.1’	G SB(r)b

NGC 5854 and NGC 5864 (Virgo)

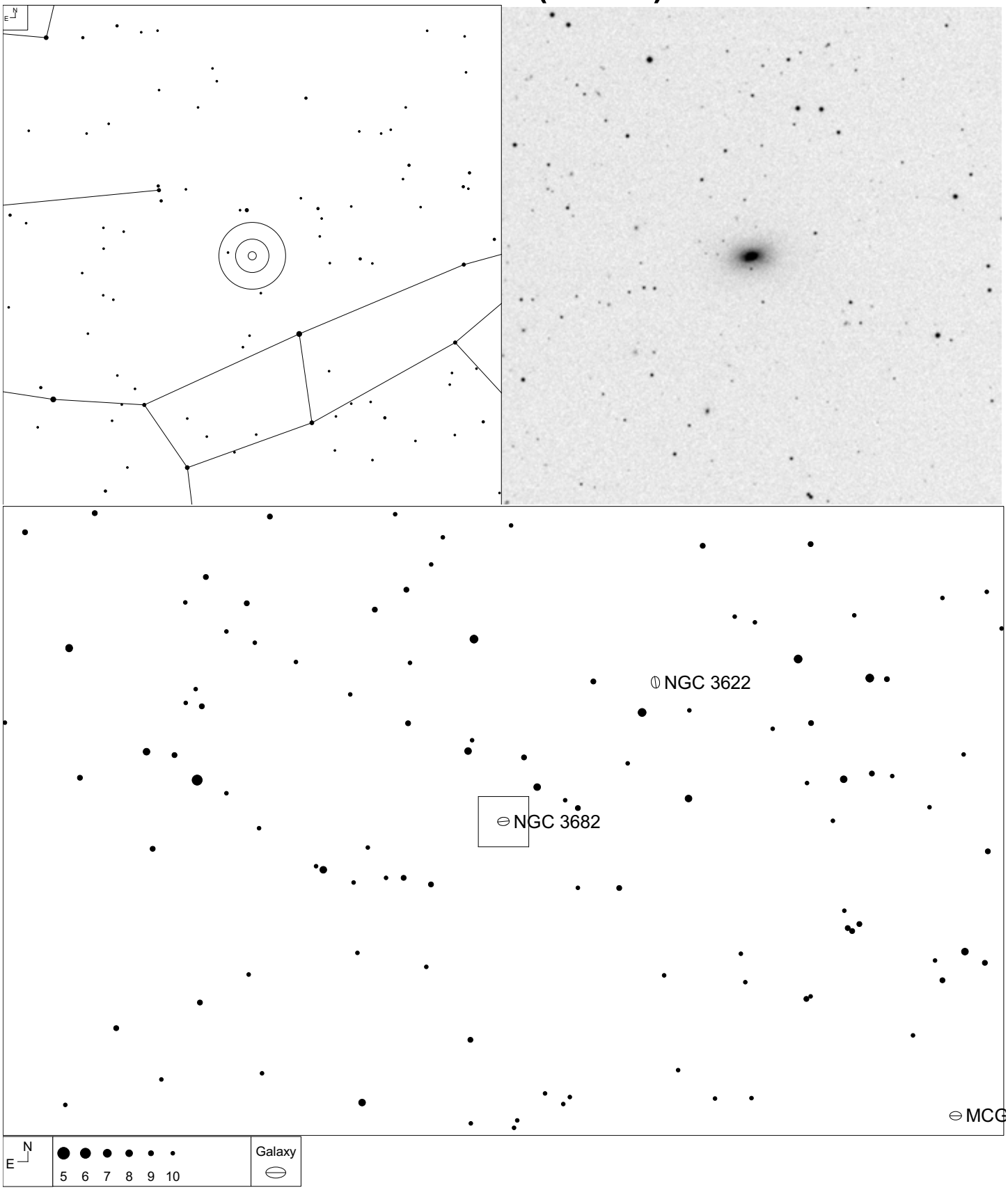






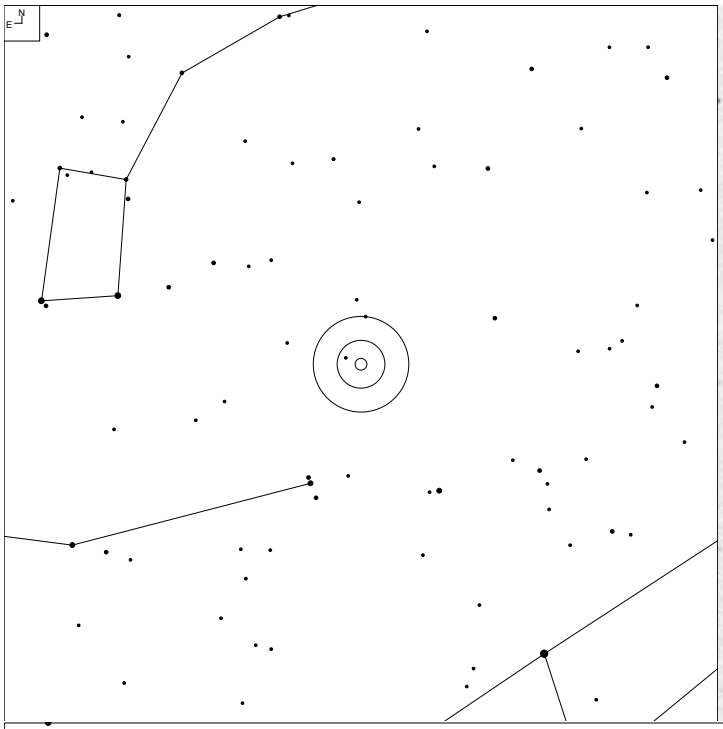
Herschel	RA	Dec	Mag	Size	Type
H II 544	15 07 47.6	+02 34 06	12.7b	2.7 x 0.7’	G SB(s)0+ sp
H II 585	15 09 33.6	+03 03 11	12.8p	2.7 x 0.8’	G SB(s)0°? sp

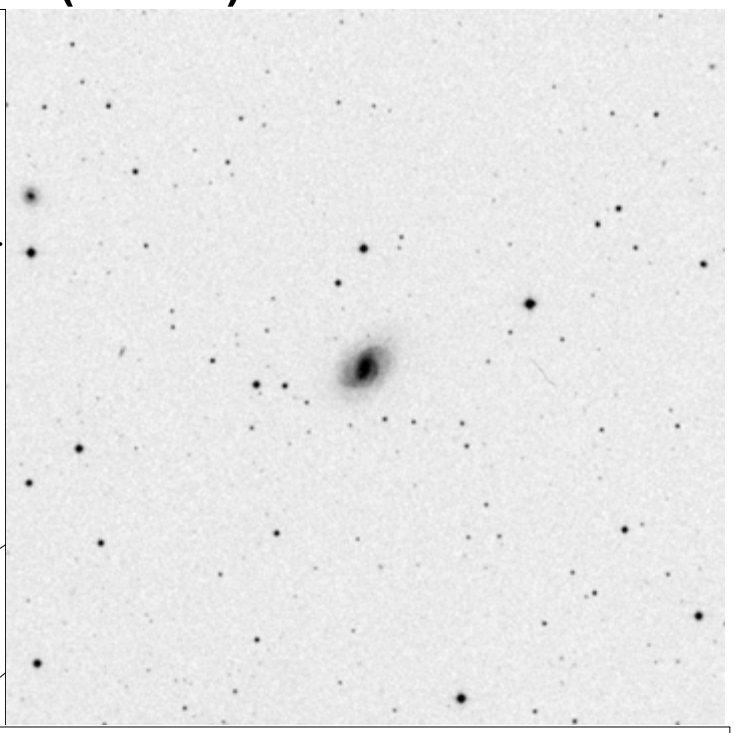
NGC 3682 (Draco)

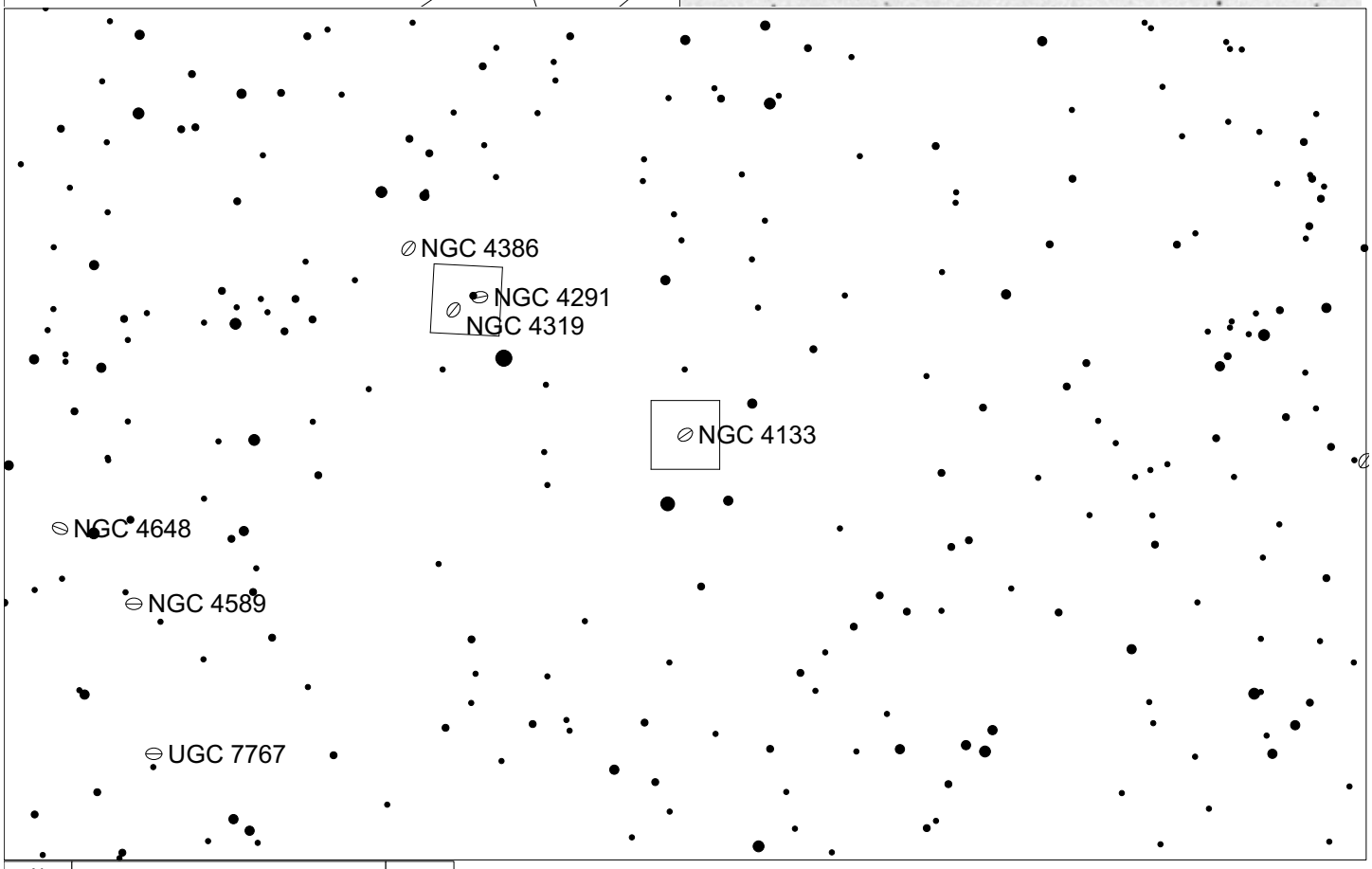


Herschel	RA	Dec	Mag	Size	Type
H I 262	11 27 41.2	+66 35 23	13.3b	1.6 x 1.0’	G SA(s)0/a:?

NGC 4133 (Draco)

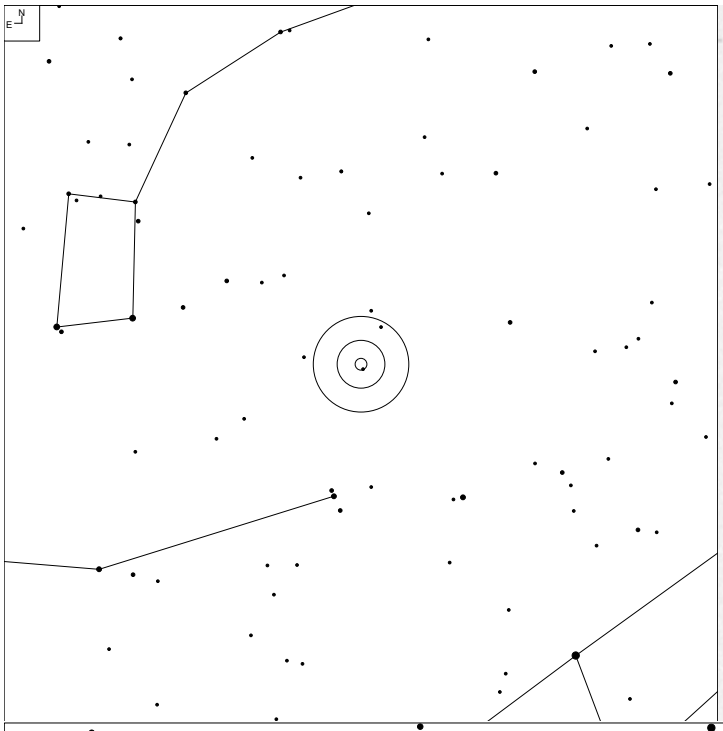


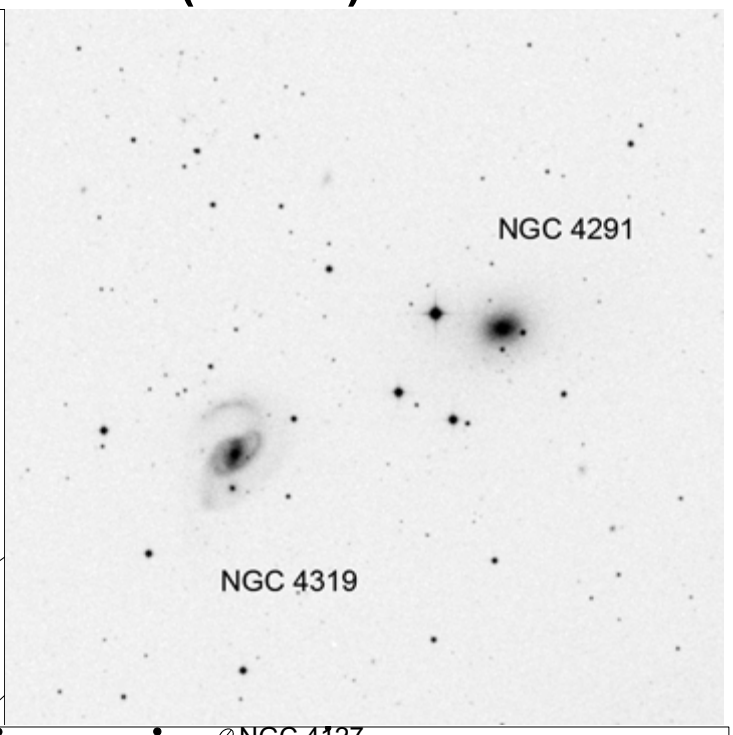


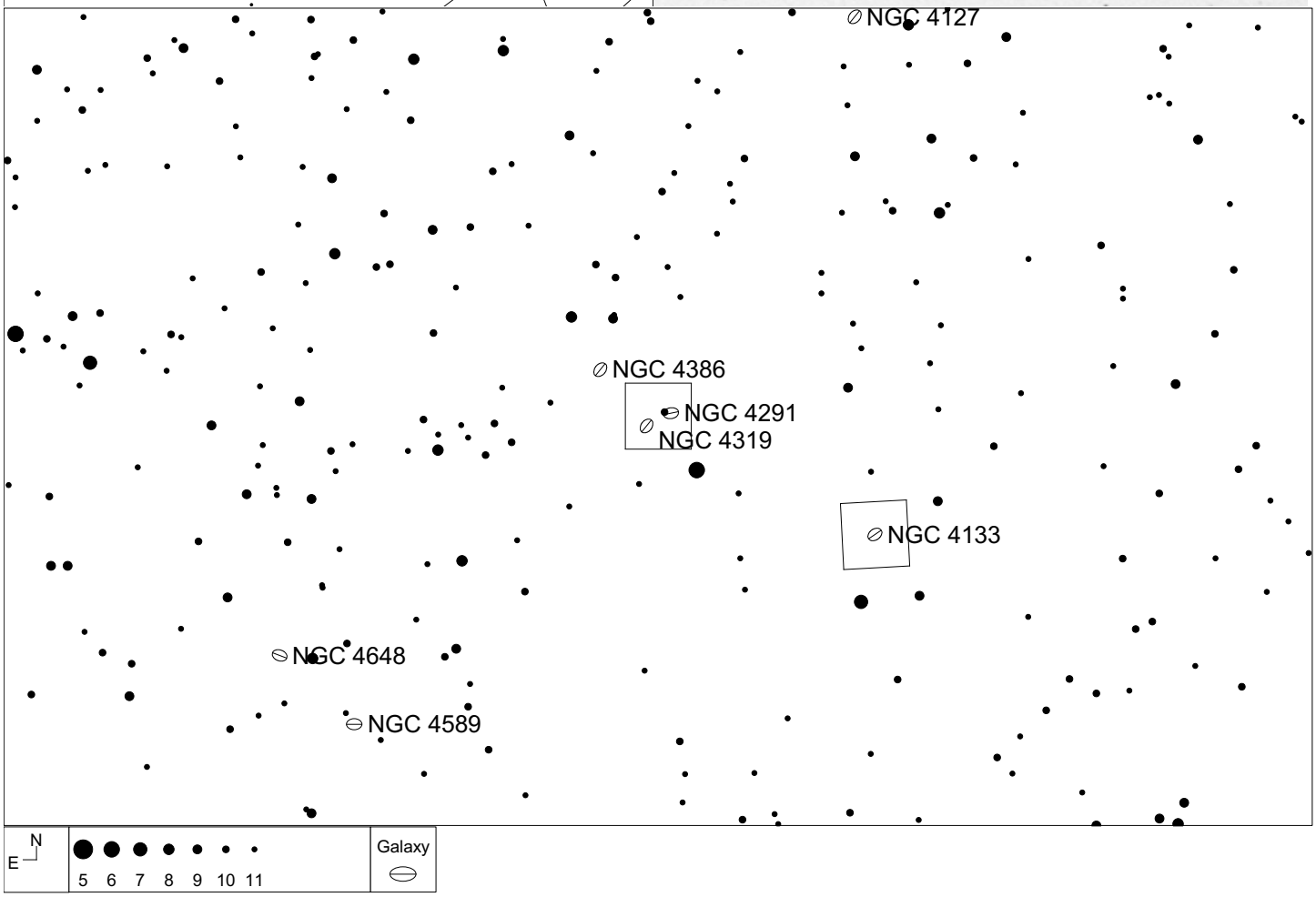


Herschel	RA	Dec	Mag	Size	Type
H I 278	12 08 49.9	+74 54 15	13.1p	1.8 x 1.3’	G SABb:

NGC 4291 and 4319 (Draco)

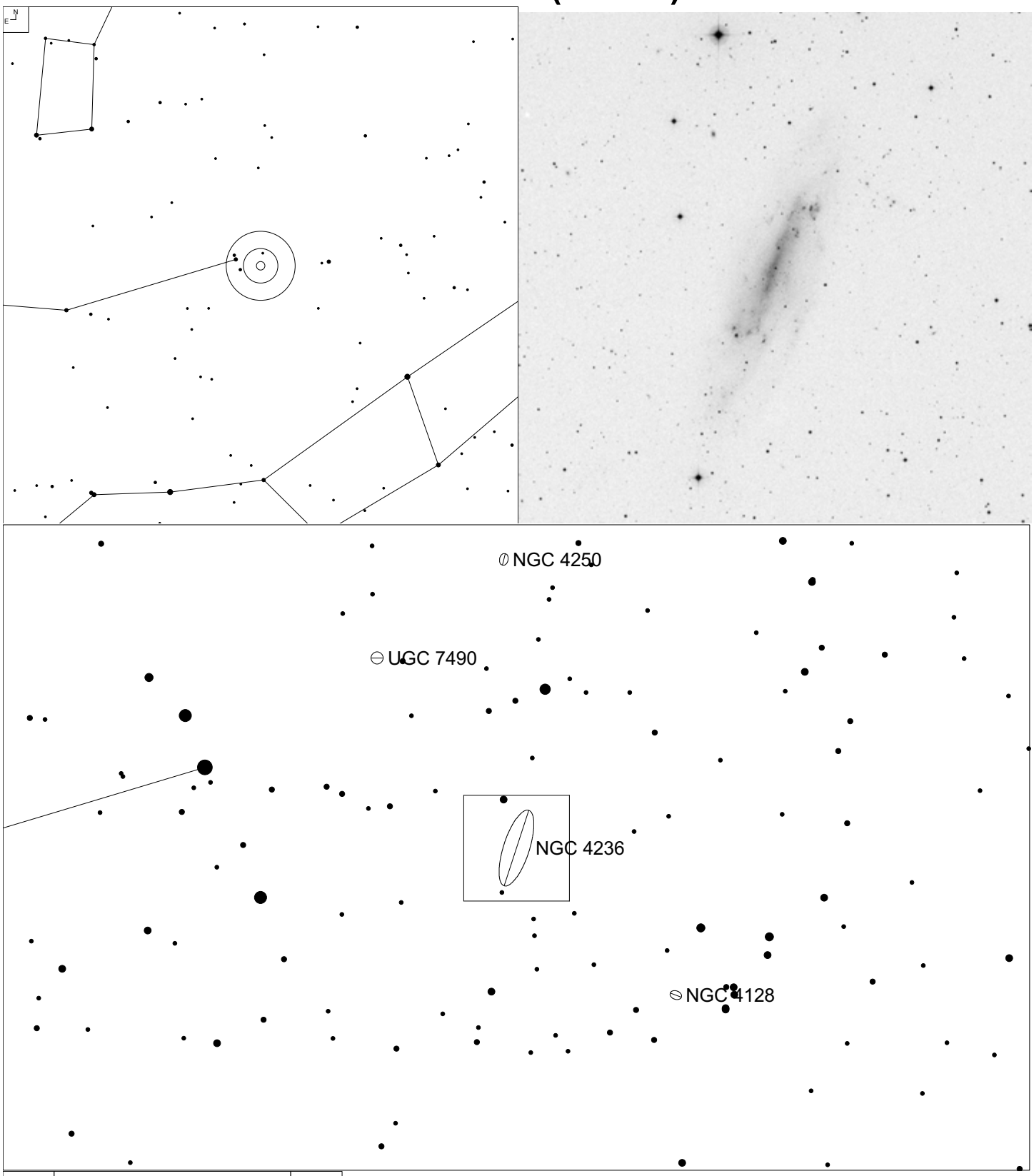






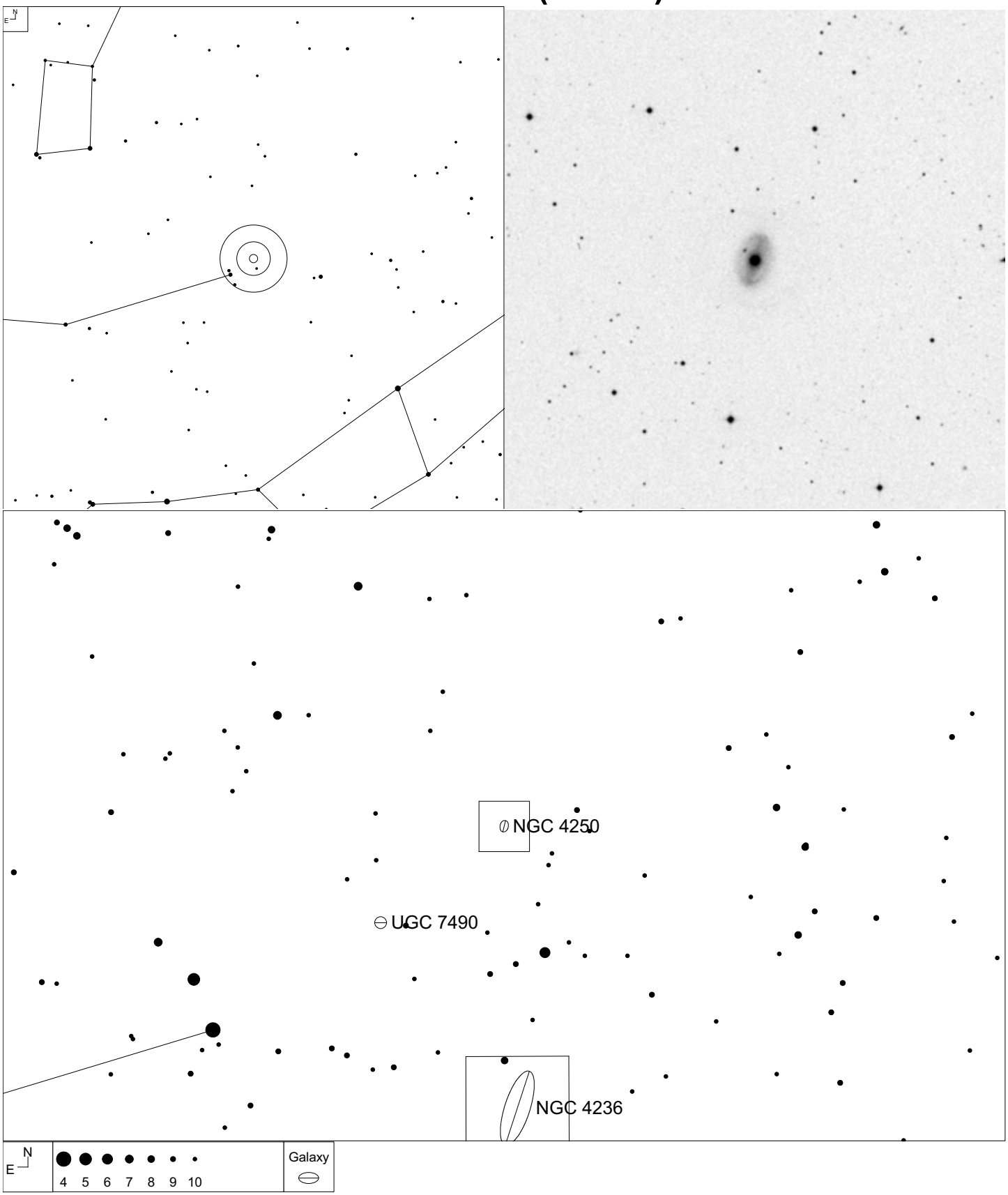
Herschel	RA	Dec	Mag	Size	Type
H I 275	12 20 17.7	+75 22 15	12.4b	1.9 x 1.5’	G E3
H I 276	12 21 43.9	+75 19 20	12.8p	2.9 x 2.3’	G SB(r)ab

NGC 4236 (Draco)



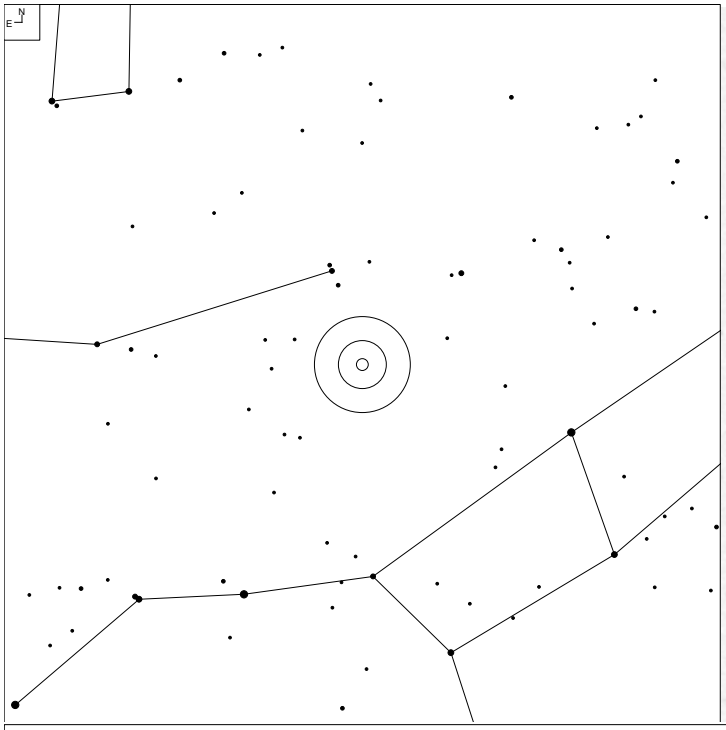
Herschel	RA	Dec	Mag	Size	Type
H V 51	12 16 43.5	+69 27 34	10.1b	22 x 7.2’	G SB(s)dm

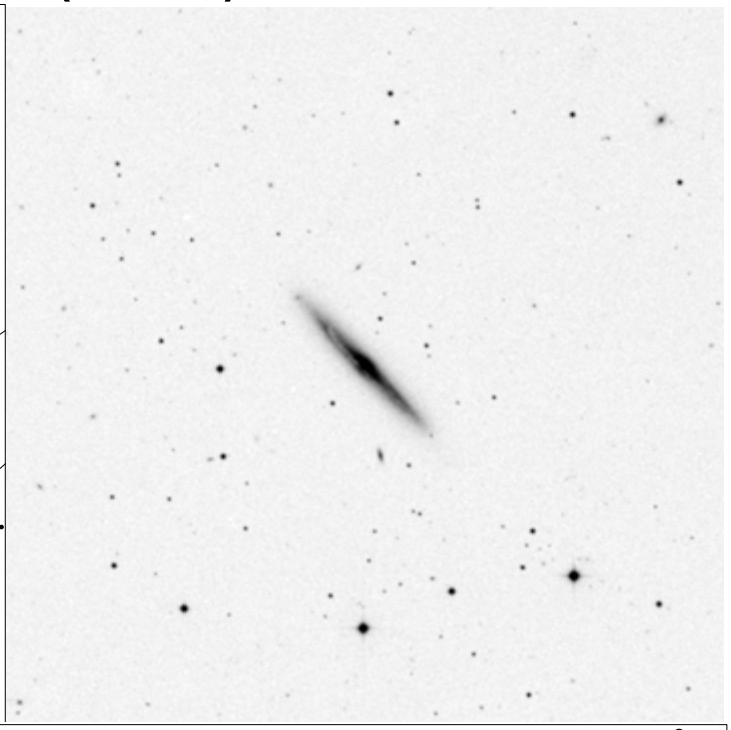
NGC 4250 (Draco)

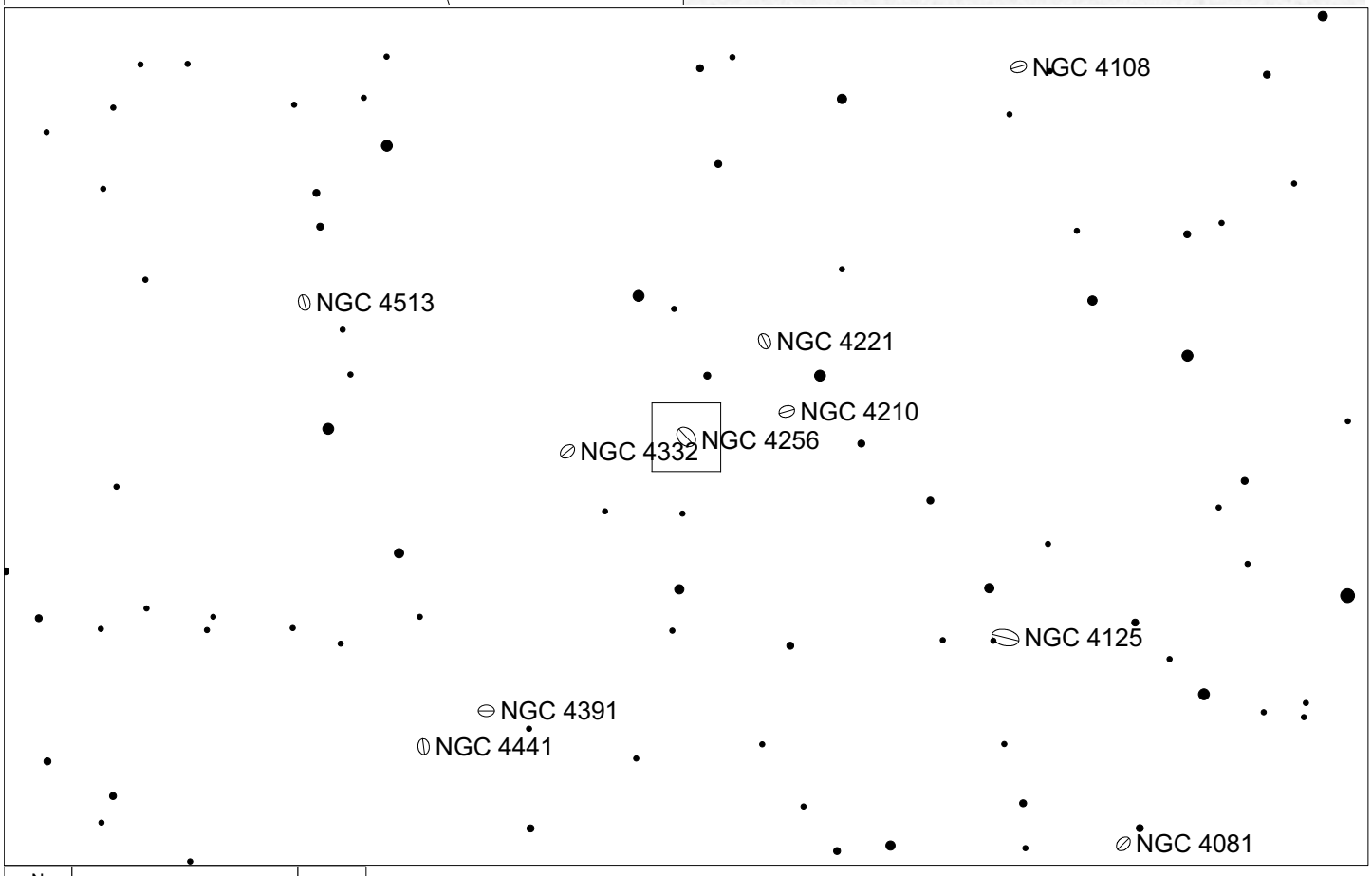


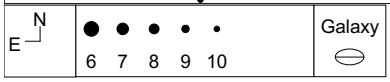
Herschel	RA	Dec	Mag	Size	Type
H I 264	12 17 26.2	+70 48 09	12.8p	2.7 x 2.1’	G SAB(r)0+

NGC 4256 (Draco)



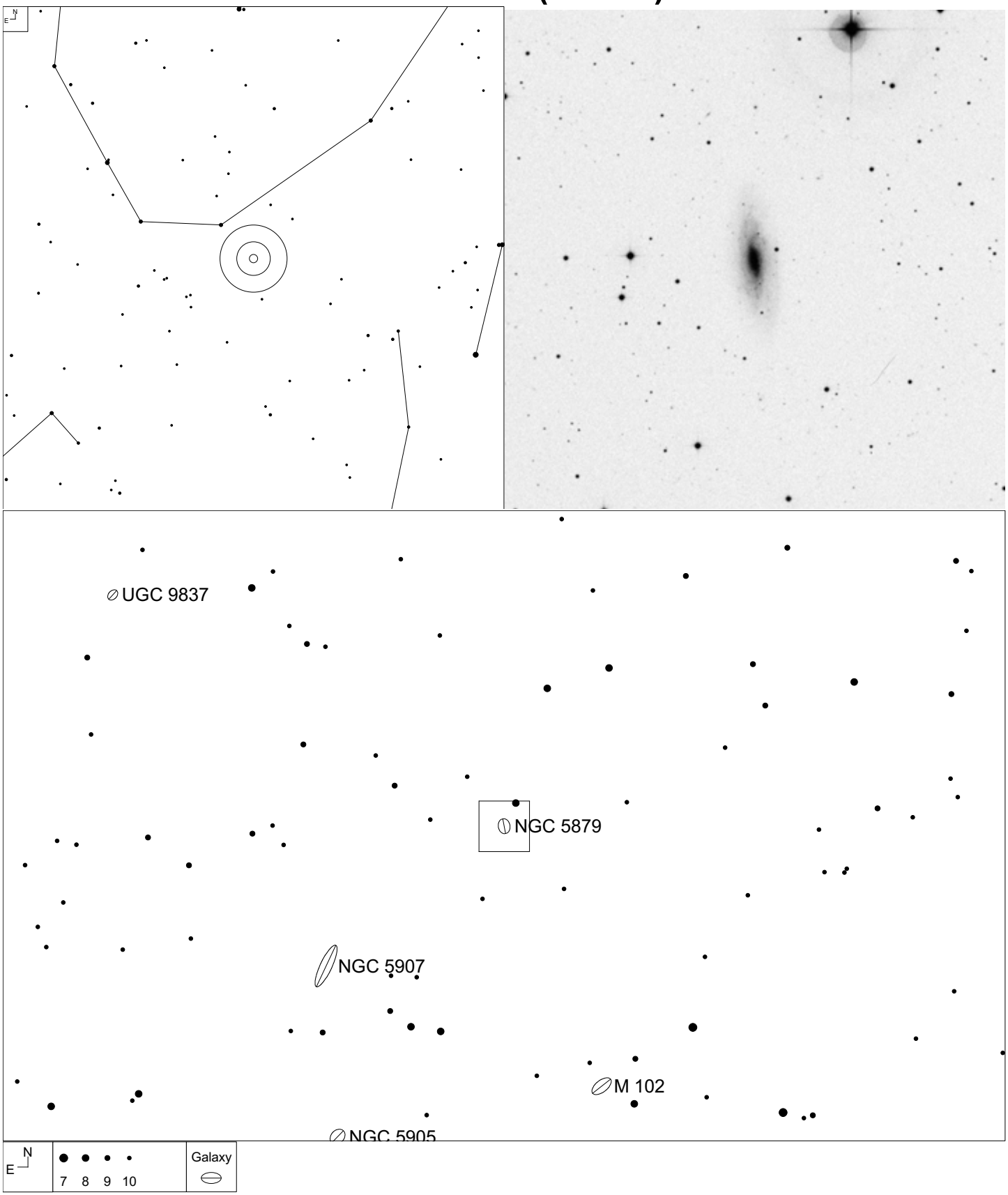






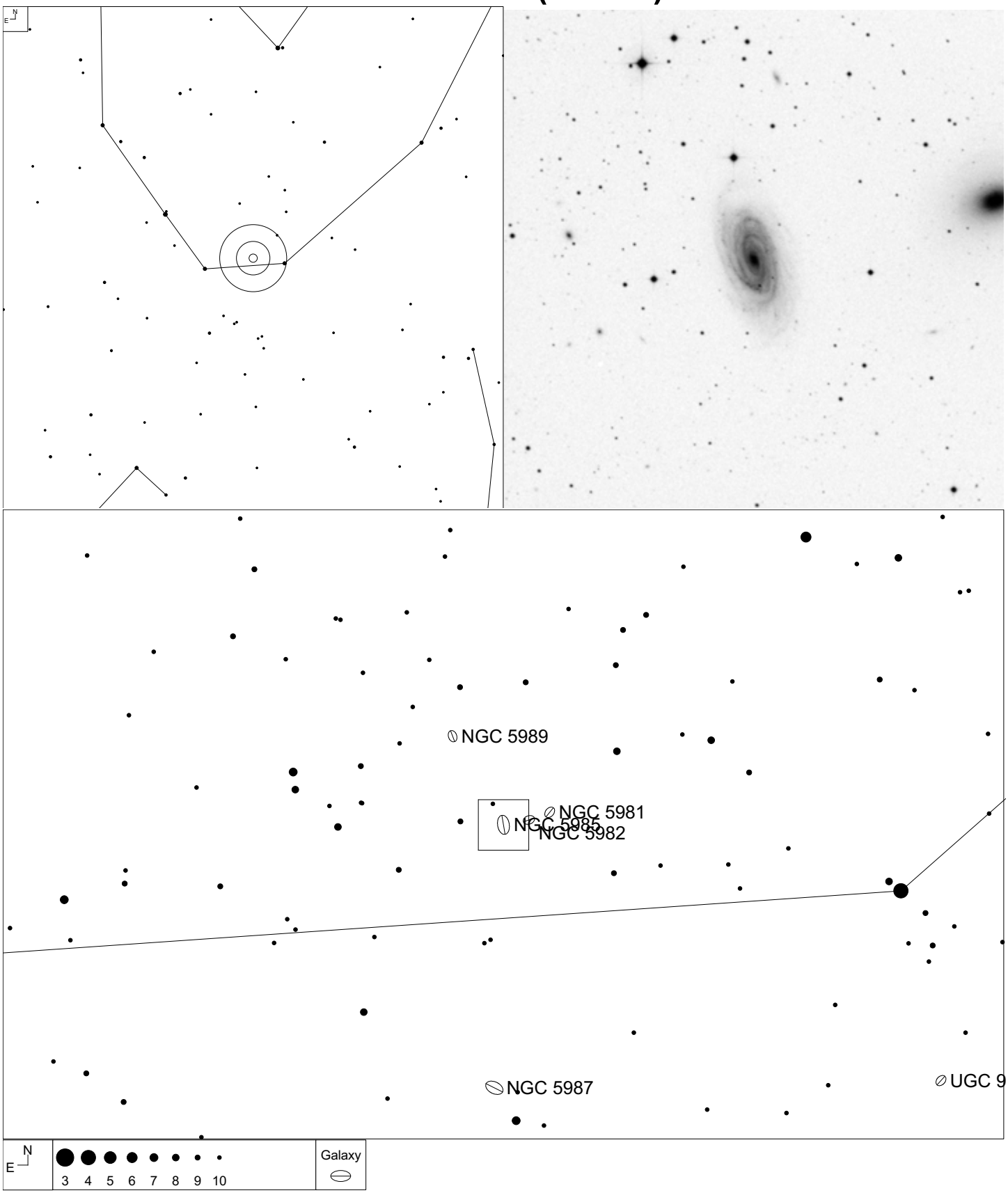
Herschel	RA	Dec	Mag	Size	Type
H II 846	12 18 42.9	+65 53 54	12.7p	4.5 x 0.7’	G SA(s)b: sp

NGC 5879 (Draco)



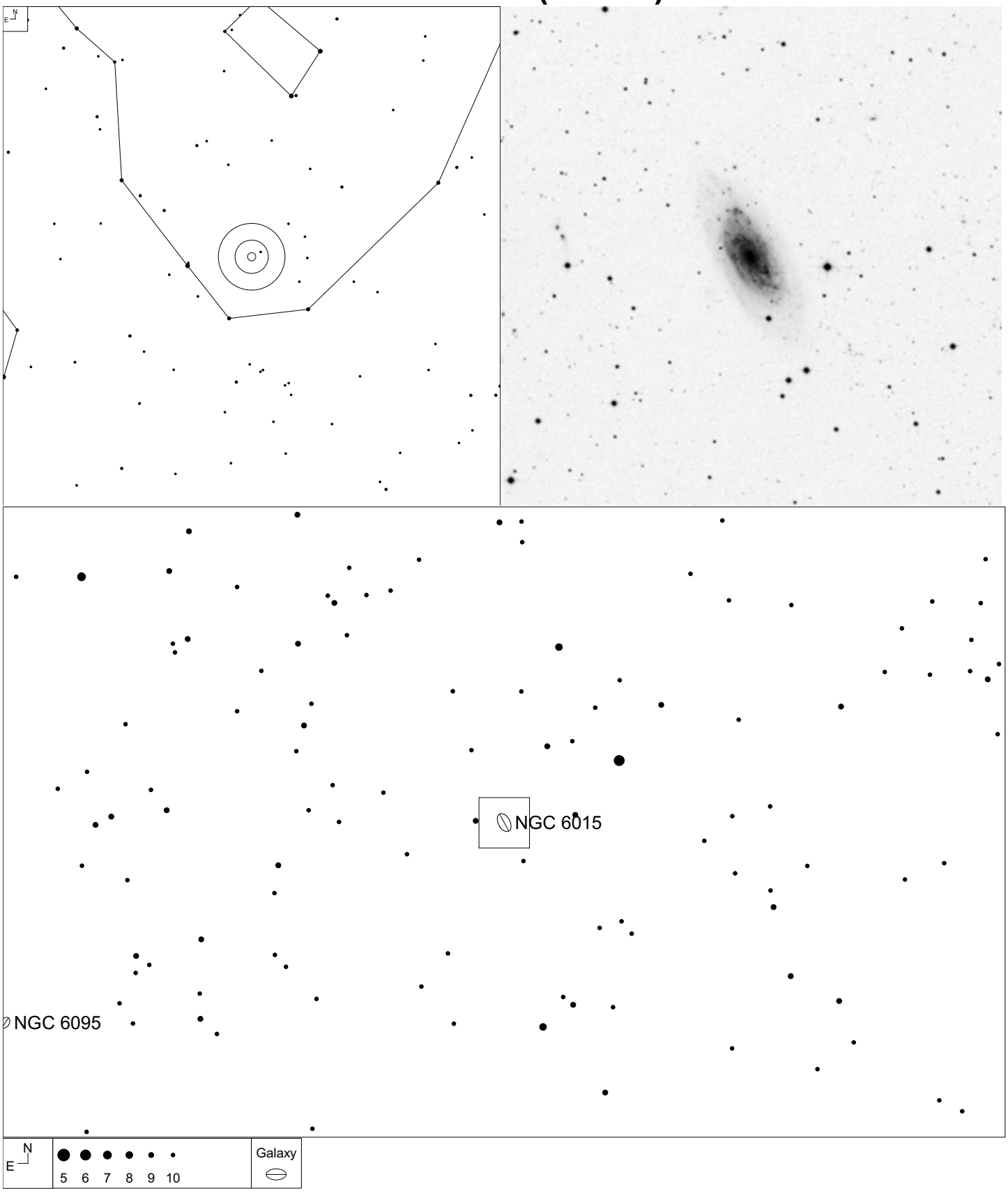
Herschel	RA	Dec	Mag	Size	Type
H II 757	15 09 47.0	+57 00 05	11.5v	4.2 x 1.4’	G SA(rs)bc:?

NGC 5985 (Draco)



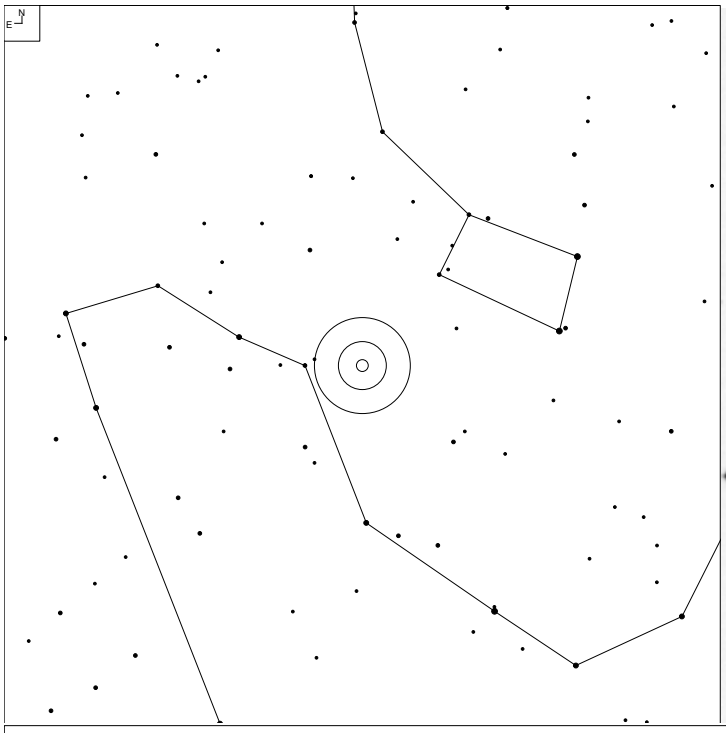
Herschel	RA	Dec	Mag	Size	Type
H II 766	15 39 37.0	+59 19 55	11.9b	5.5 x 2.9’	G SAB(r)b

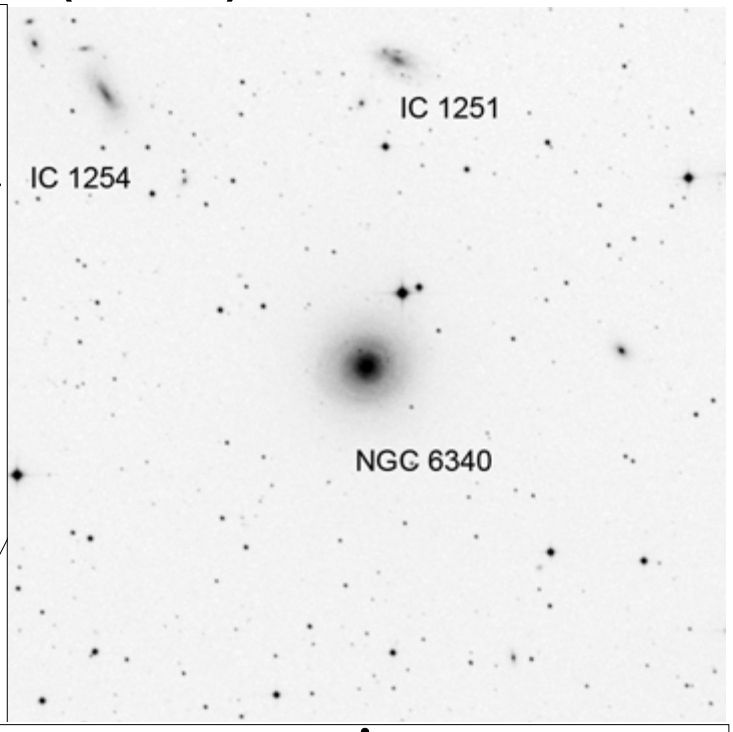
NGC 6015 (Draco)

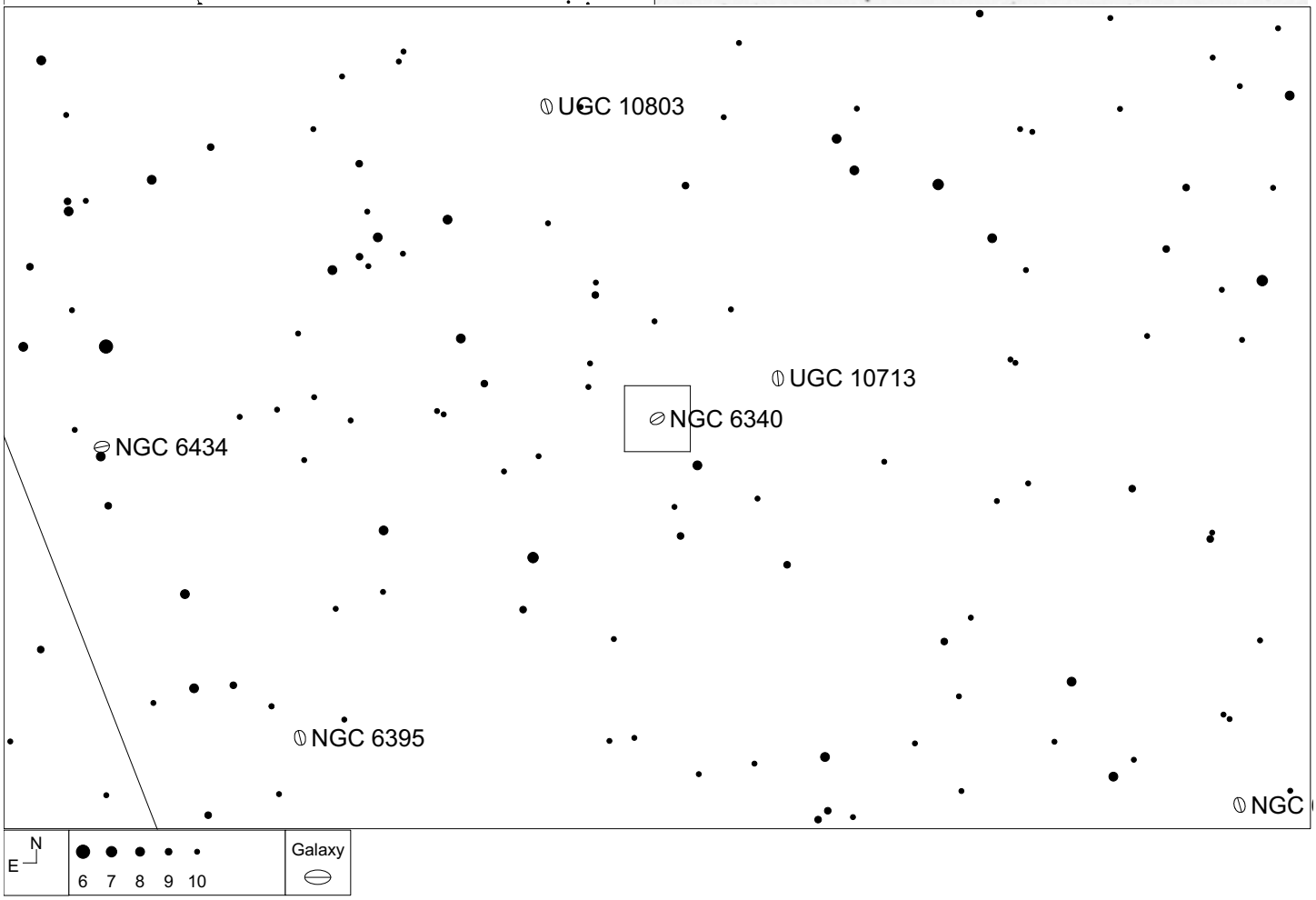


Herschel	RA	Dec	Mag	Size	Type
H III 739	15 51 25.2	+62 18 35	11.7b	5.4 x 2.1’	G SA(s)cd

NGC 6340 (Draco)

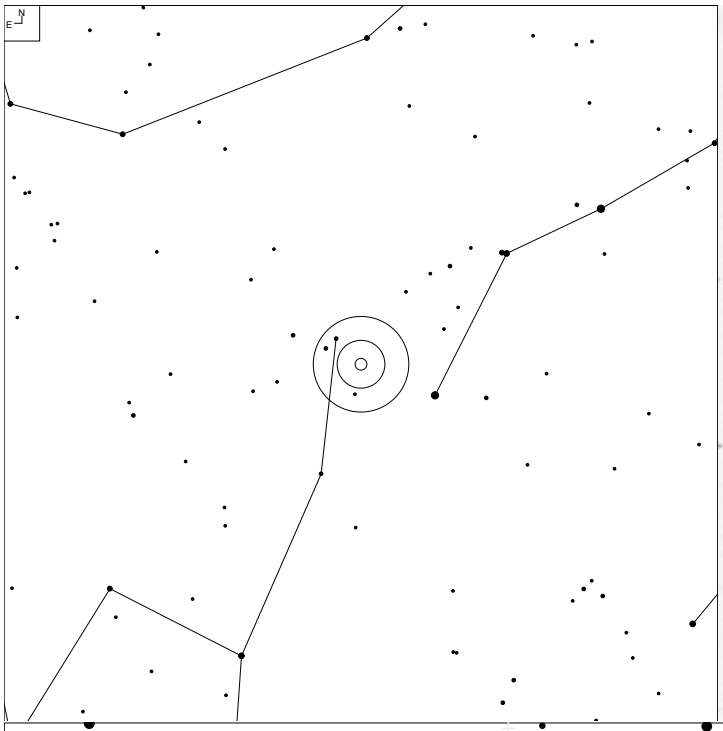


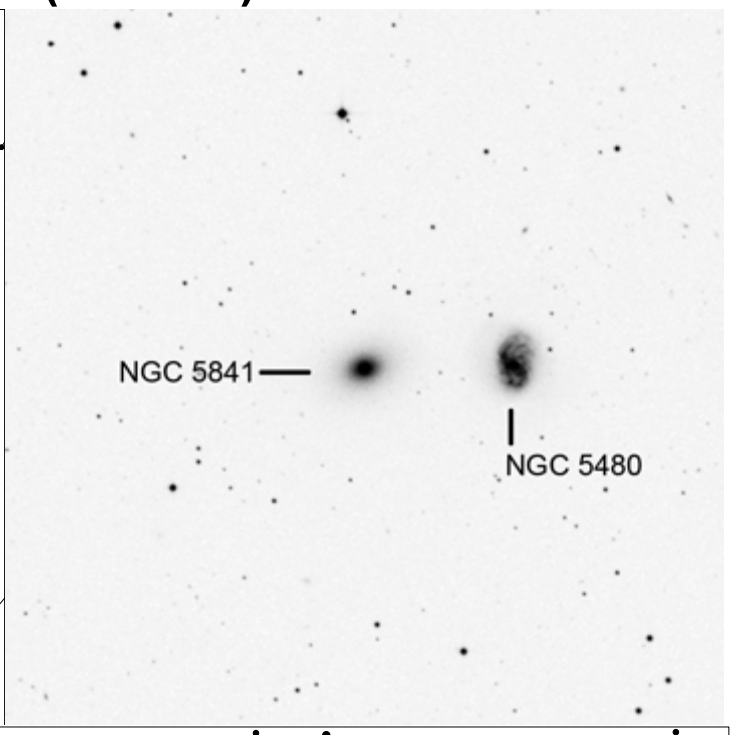


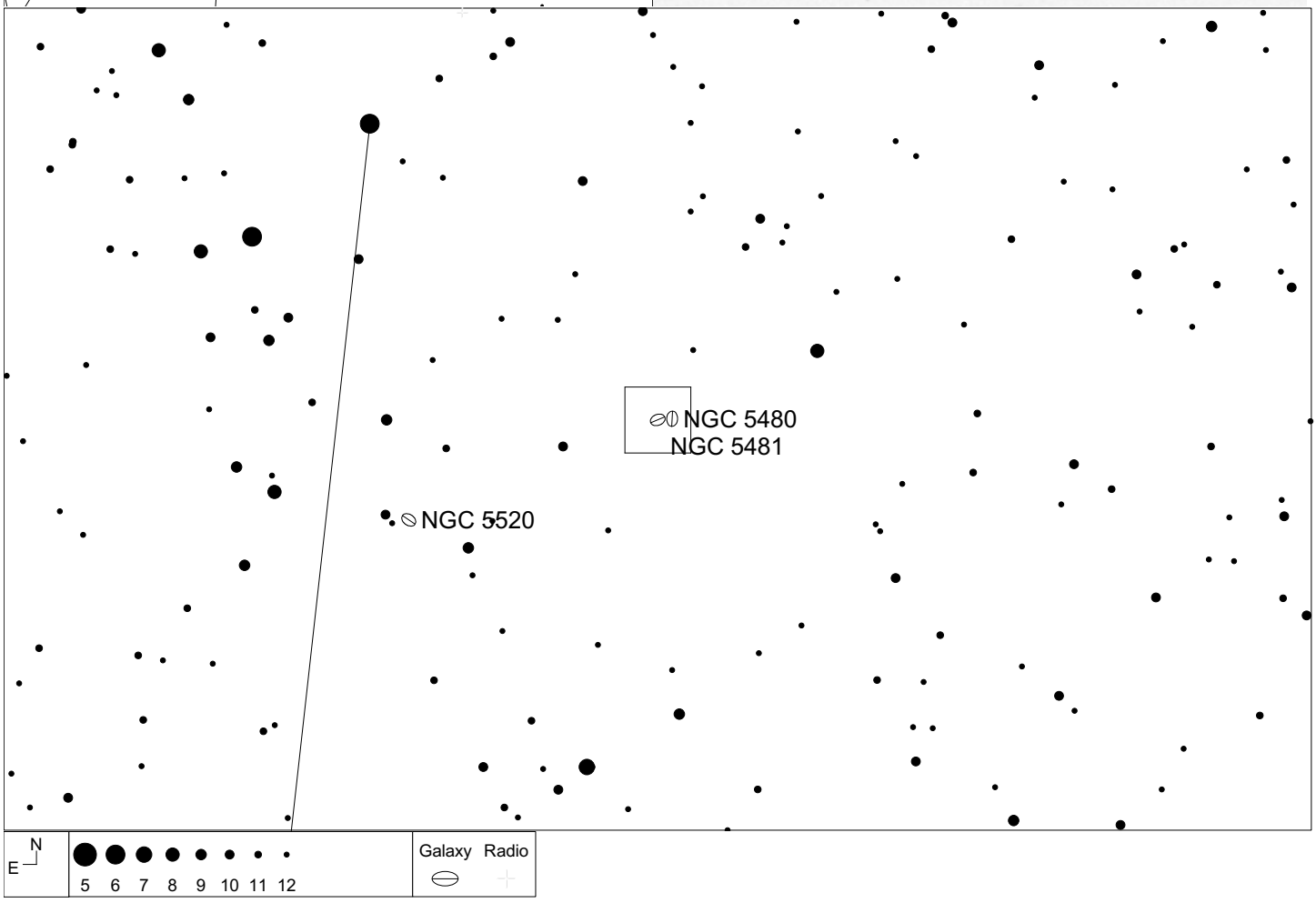


Herschel	RA	Dec	Mag	Size	Type
H II 767	17 10 25.1	+72 18 17	11.9b	3.2 x 2.9’	G SA(s)0/a

NGC 5481 (Bootes)

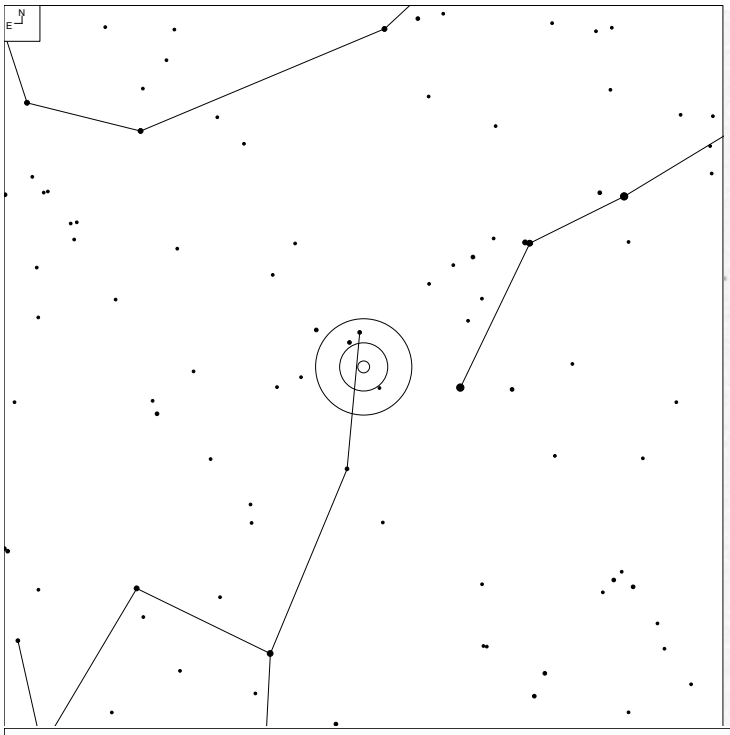


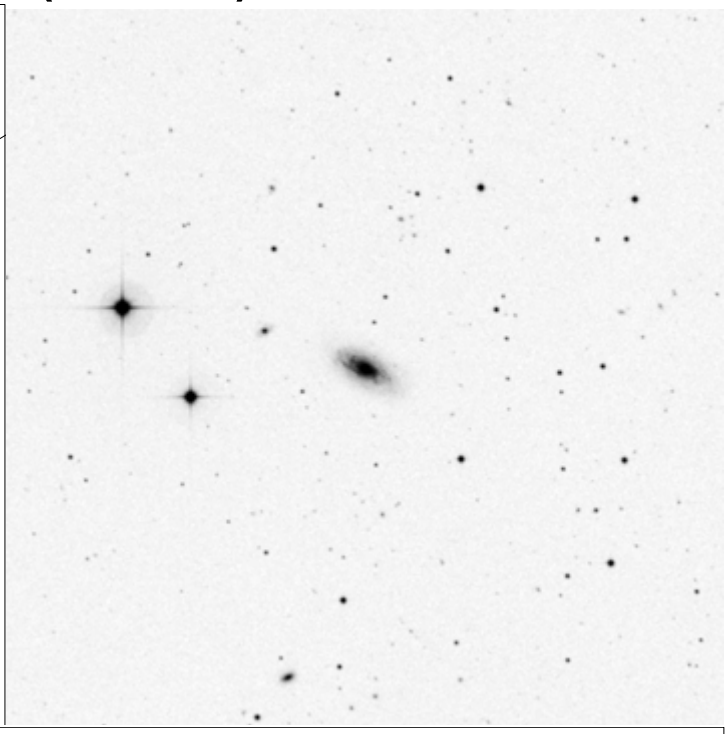


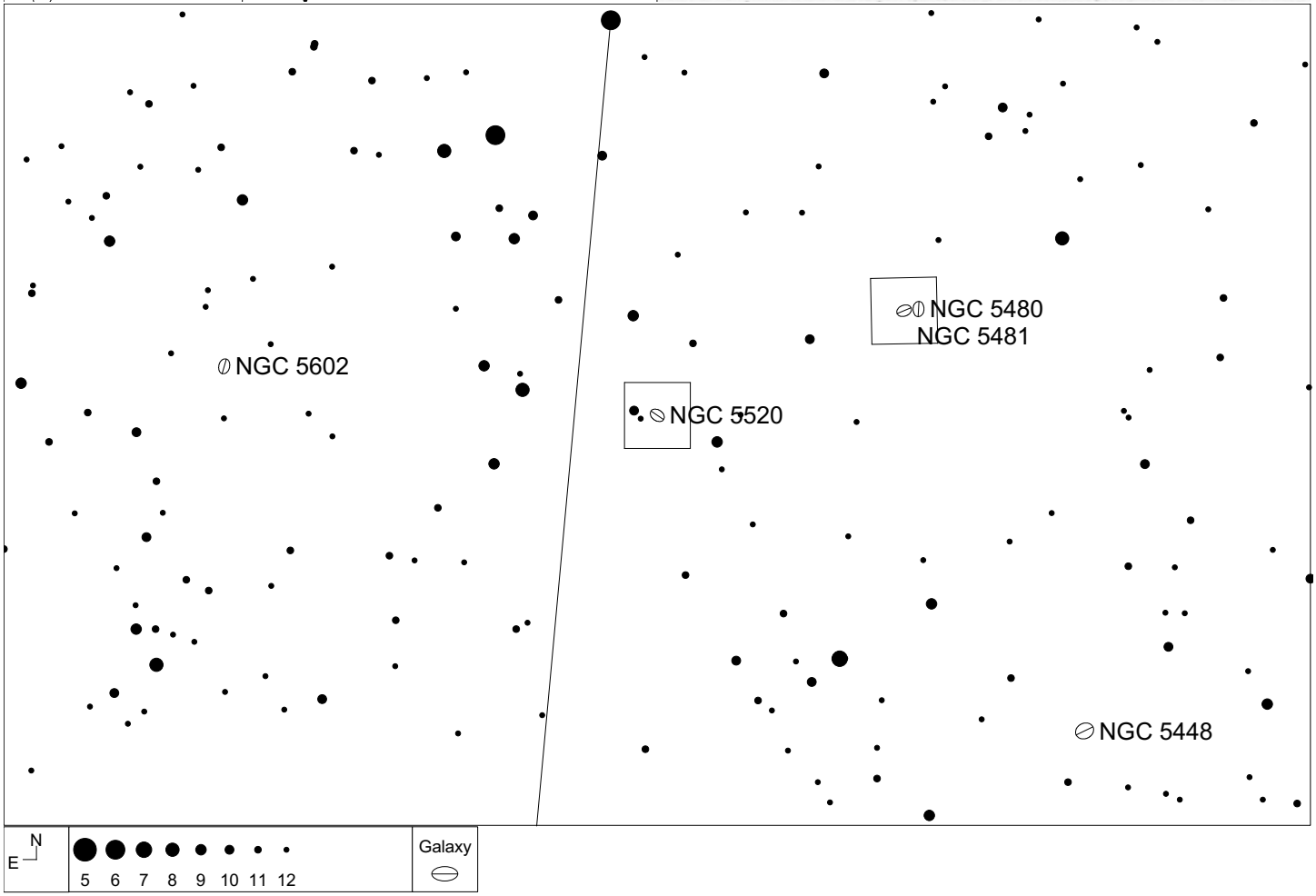


Herschel	RA	Dec	Mag	Size	Type
H II 693	14 06 41.4	+50 43 23	13.3p	1.6 x 1.2’	G E+

NGC 5520 (Bootes)

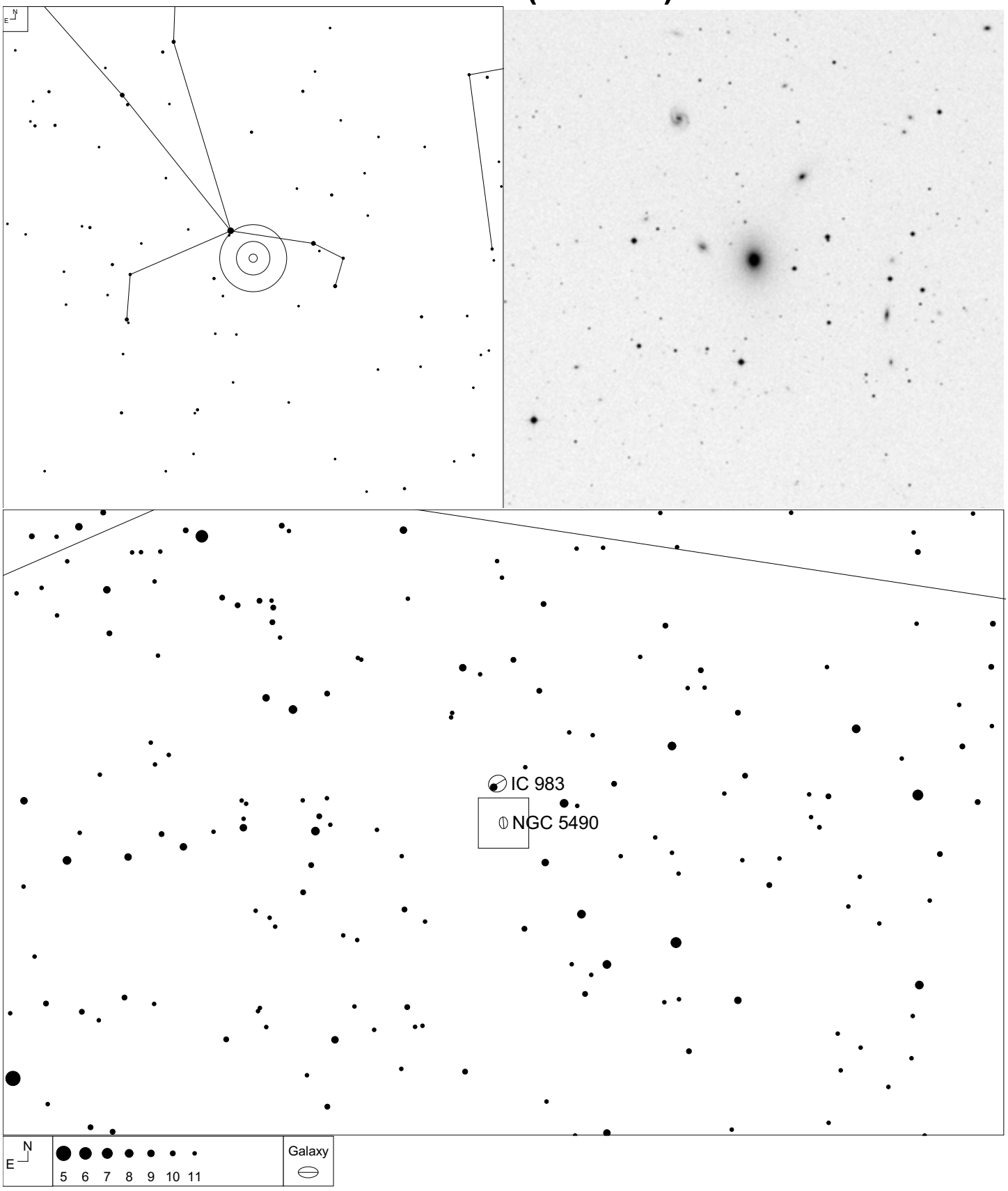






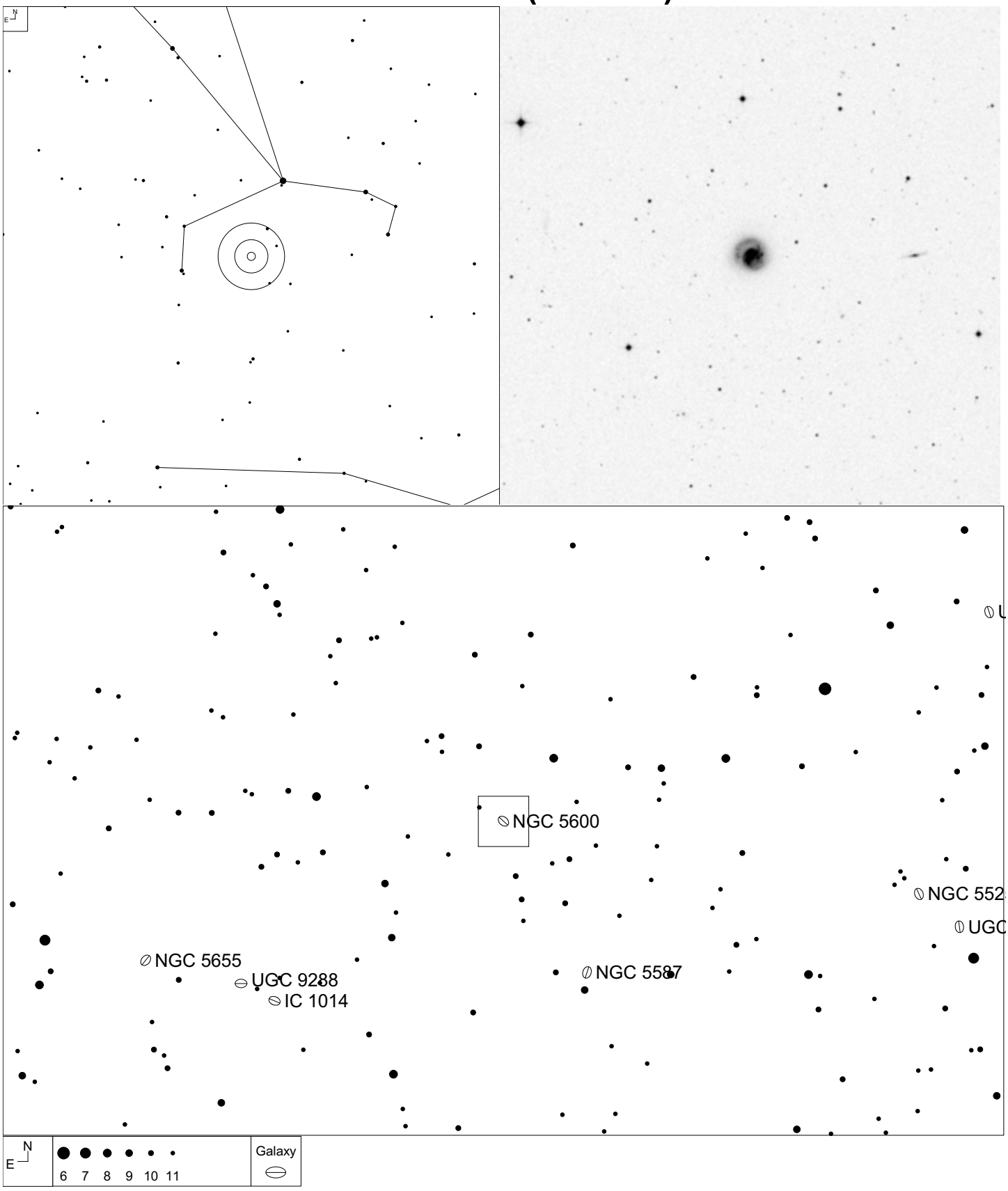
Herschel	RA	Dec	Mag	Size	Type
H III 676	14 12 22.8	+50 20 54	13.3P	2.2 X 1.0’	G Sb

NGC 5490 (Bootes)



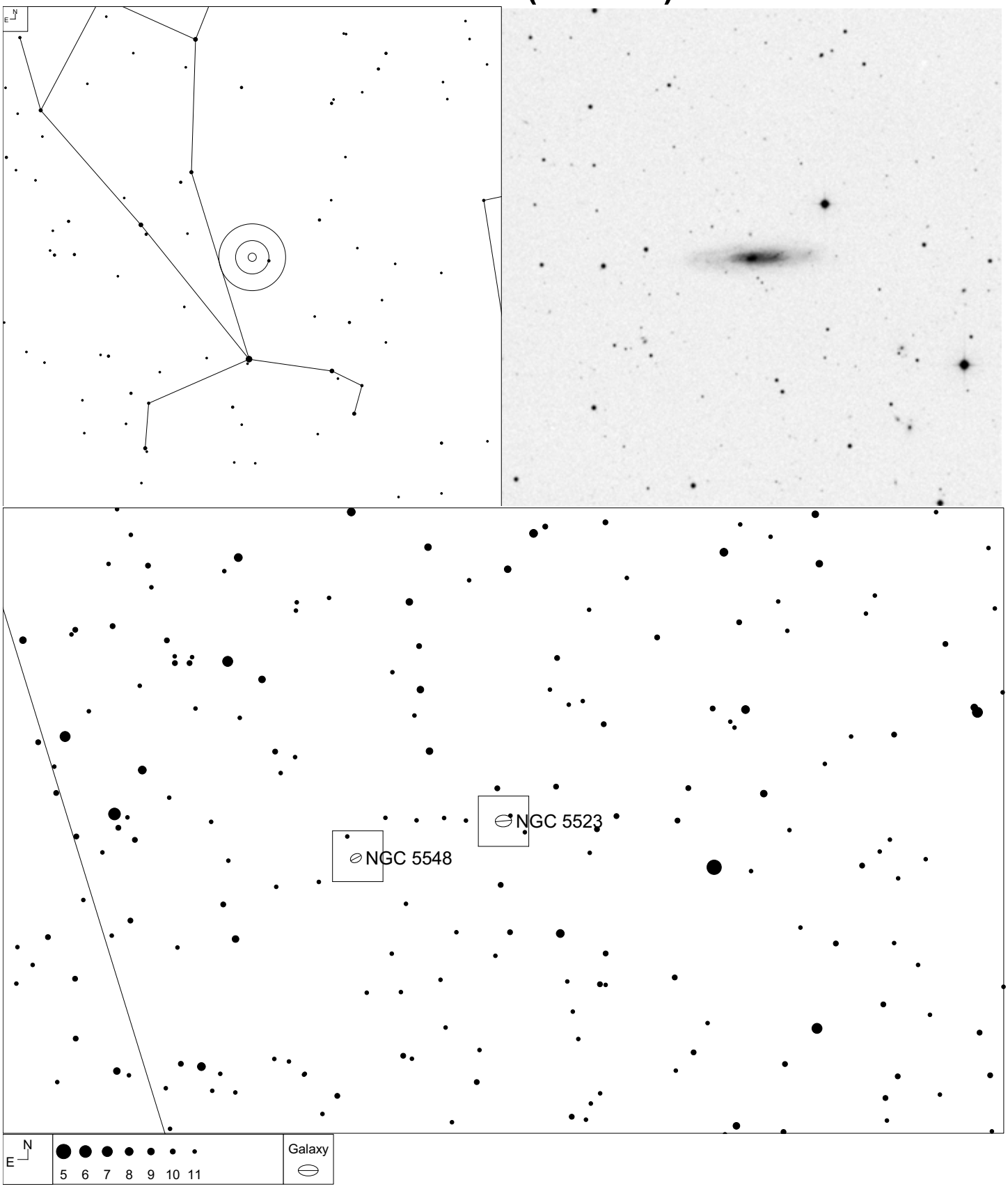
Herschel	RA	Dec	Mag	Size	Type
H III 32	14 09 57.3	+17 32 44	13.1b	2.4 x 1.9	G E

NGC 5600 (Bootes)



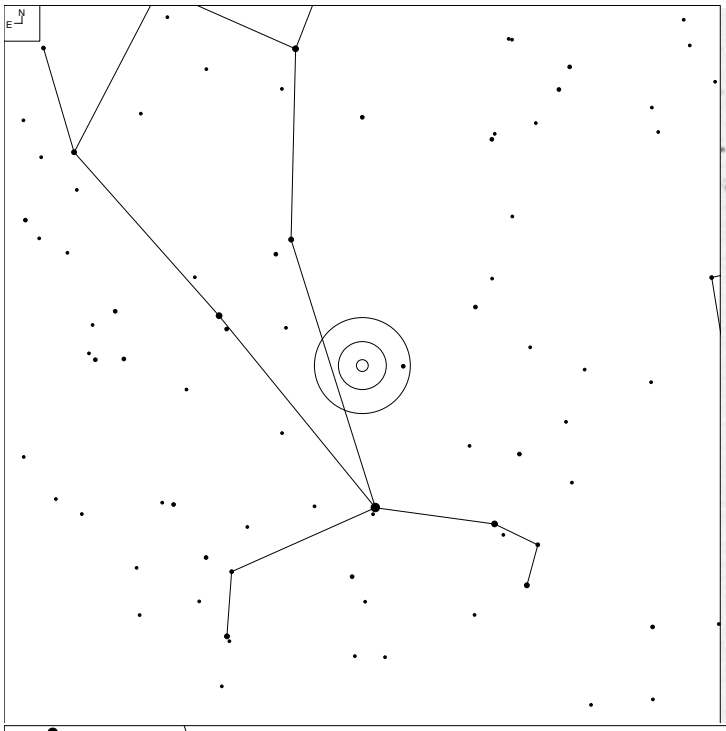
Herschel	RA	Dec	Mag	Size	Type
H II 177	14 23 49.5	+14 38 20	12.7p	1.4 x 1.3’	G Sc pec

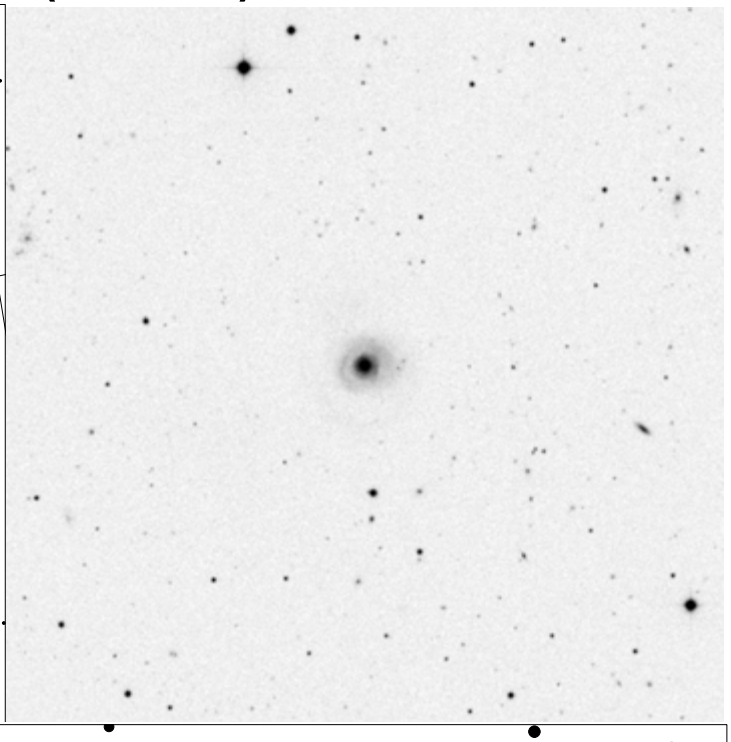
NGC 5523 (Bootes)

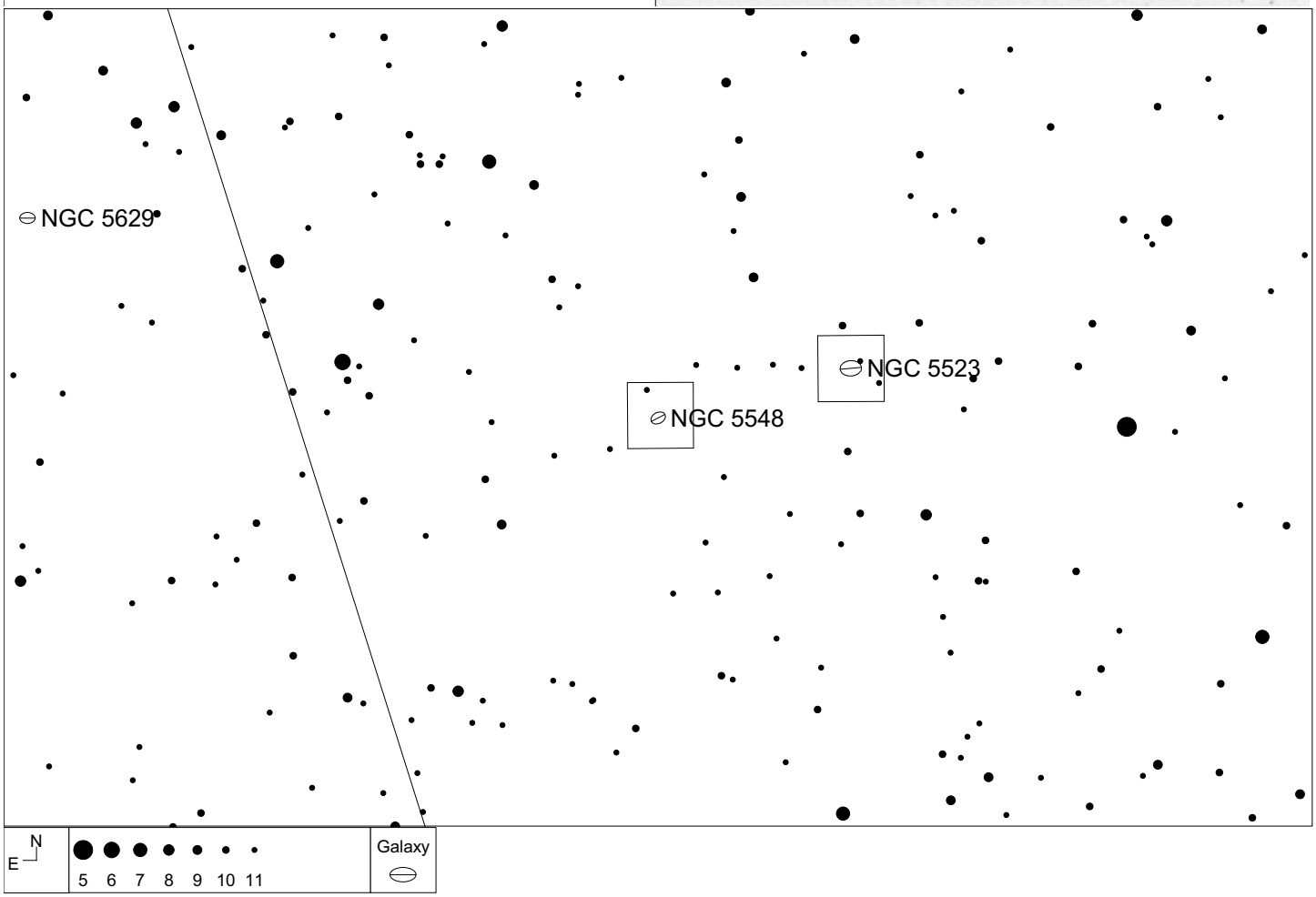


Herschel	RA	Dec	Mag	Size	Type
H III 134	14 14 51.7	+25 19 05	12.8p	4.6 x 1.2’	G SA(s)cd:

NGC 5548 (Bootes)

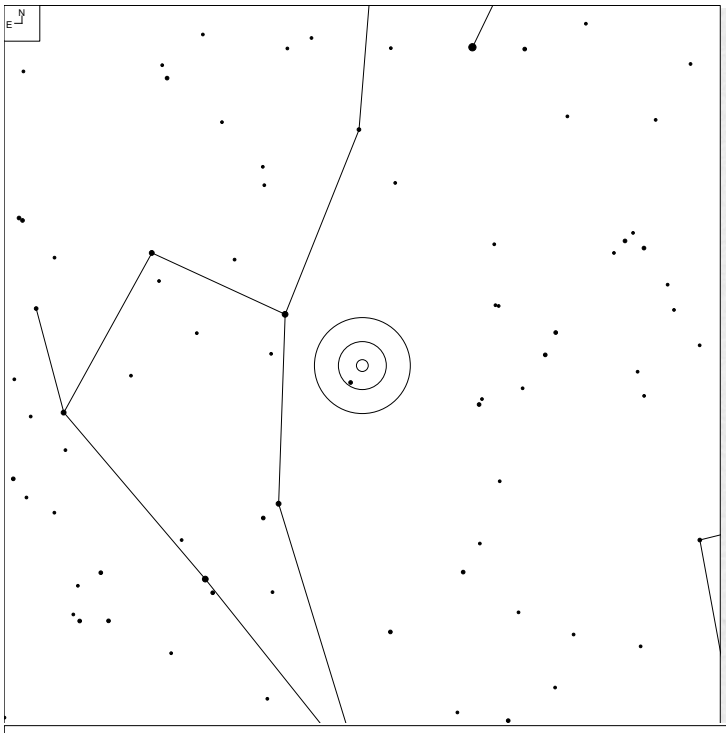


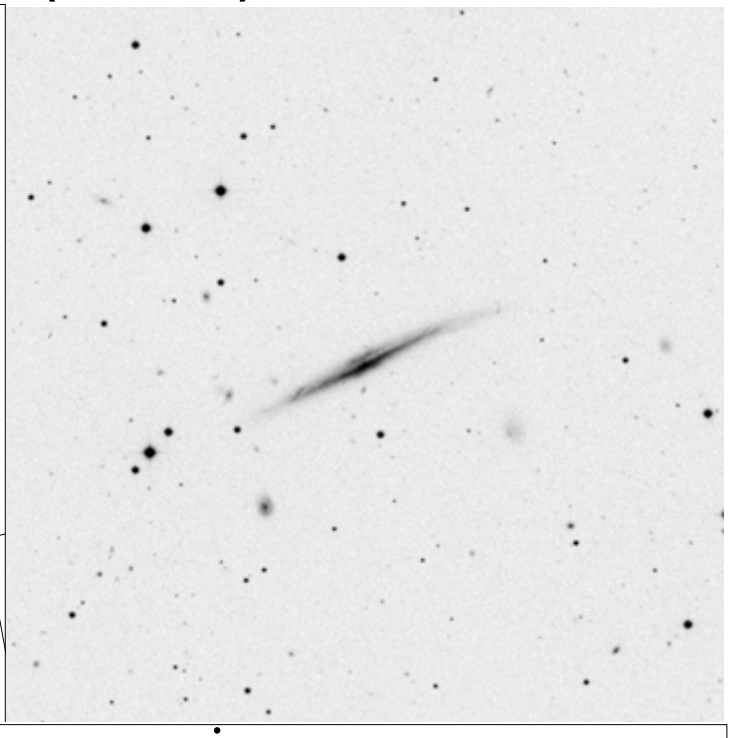


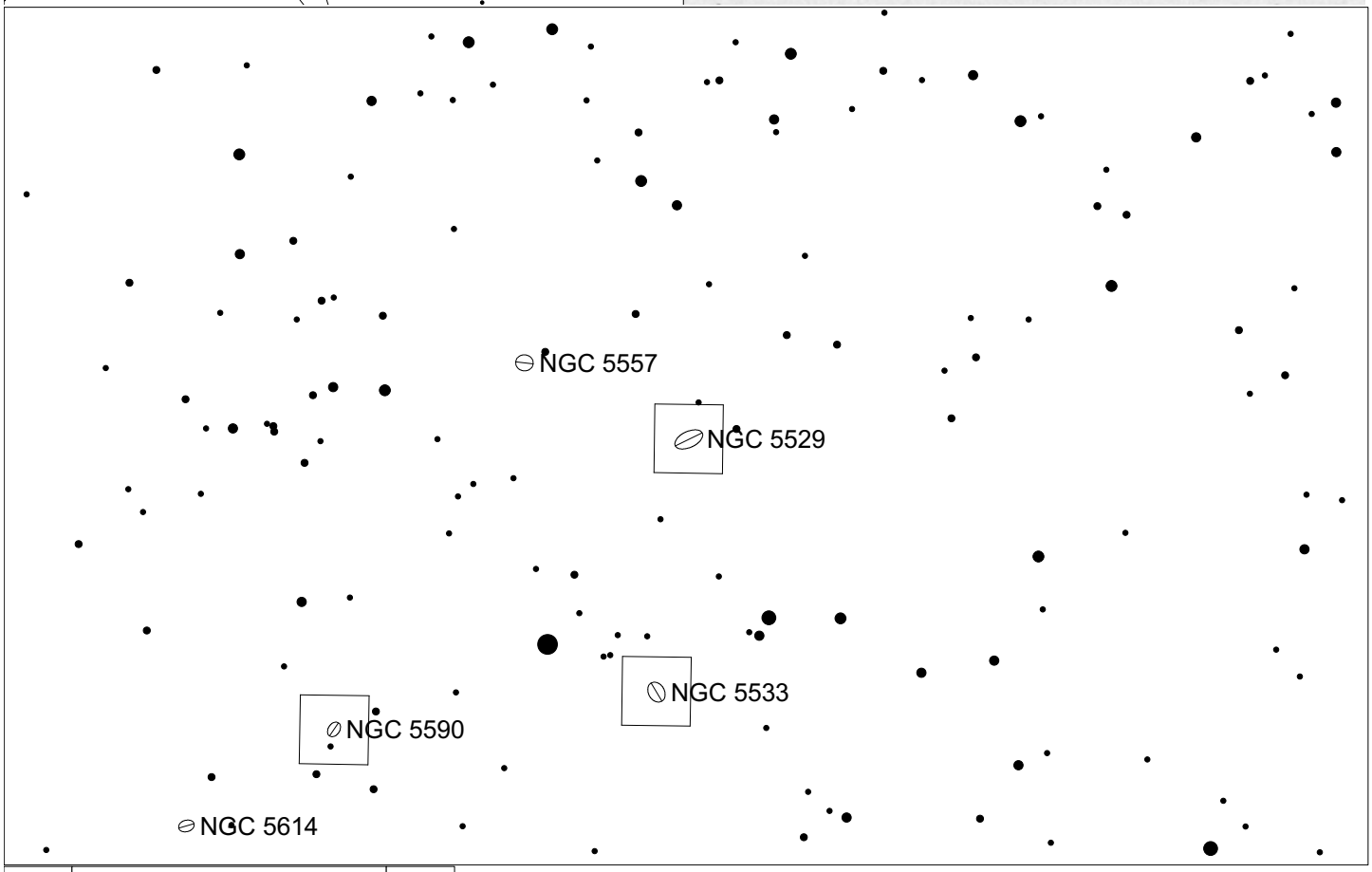


Herschel	RA	Dec	Mag	Size	Type
H II 194	14 17 59.6	+25 08 13	13.3b	1.4 x 1.2’	G (R’)SA(s)0/a

NGC 5529 (Bootes)

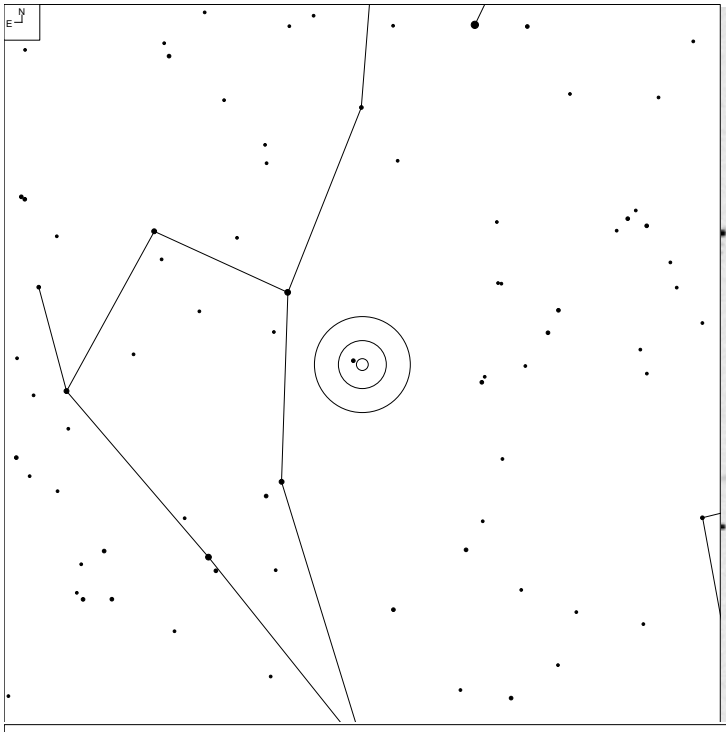


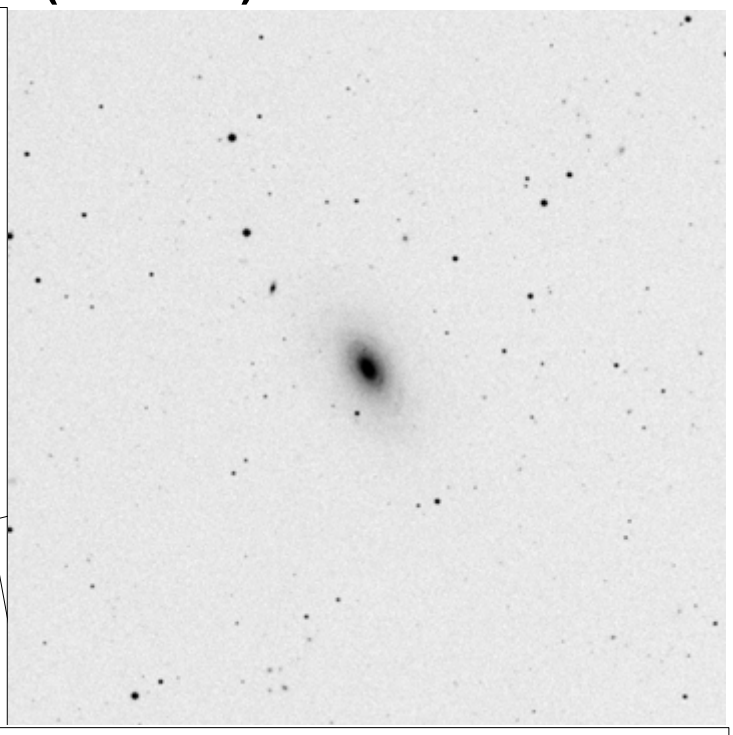


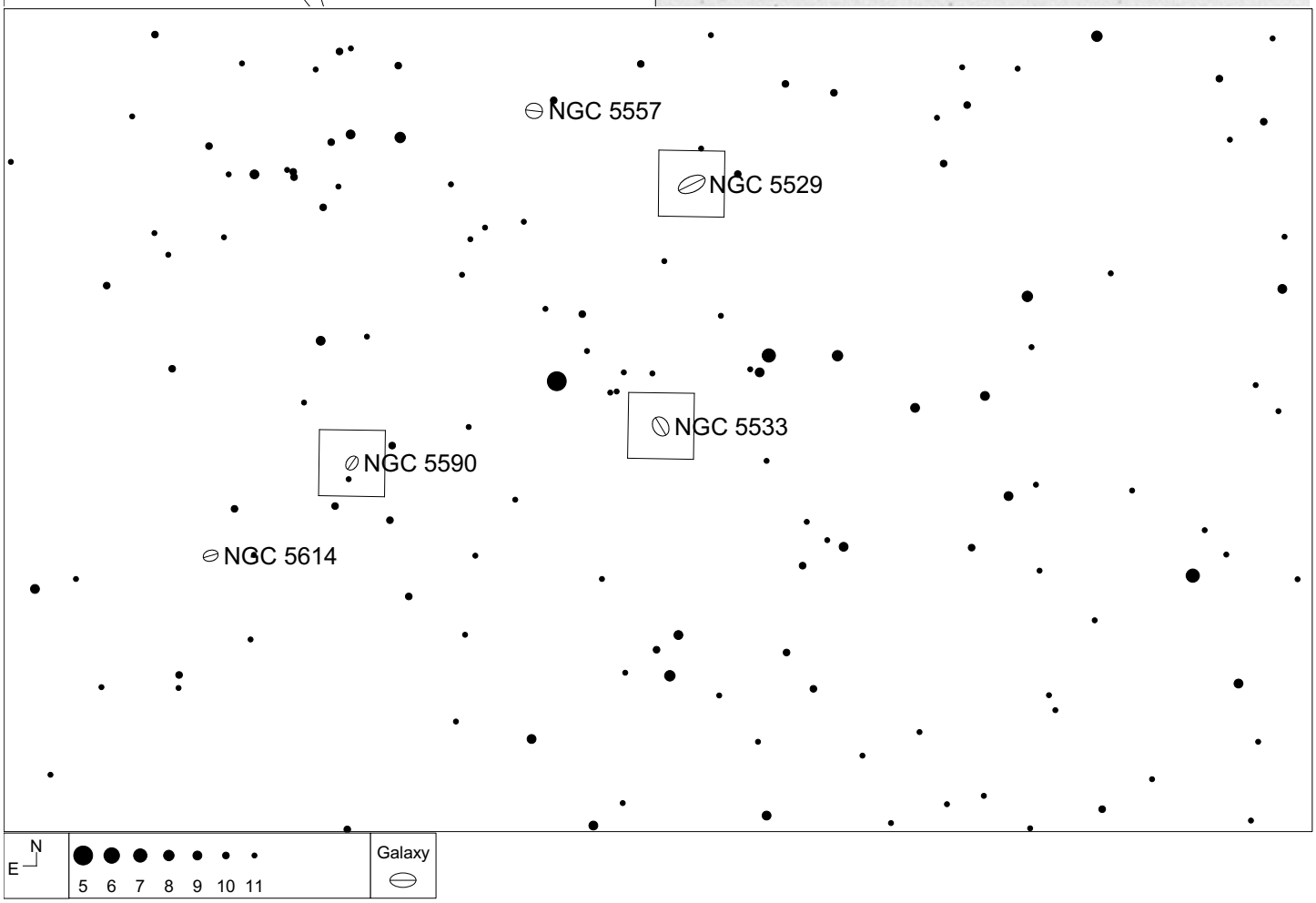


Herschel	RA	Dec	Mag	Size	Type
H III 414	14 15 34.2	+36 13 35	12.8b	6.2 x 0.8’	G Sc: sp

NGC 5533 (Bootes)

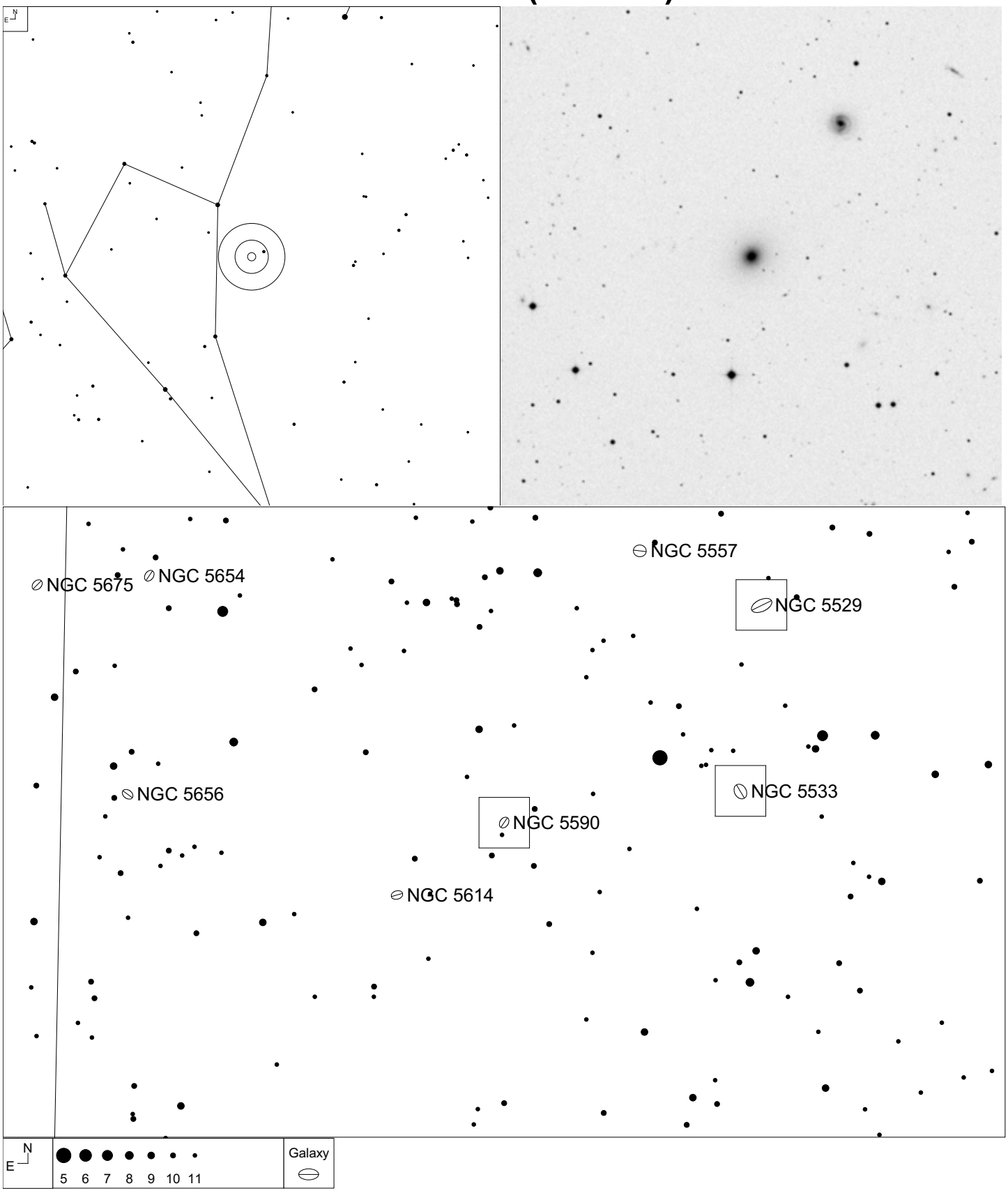






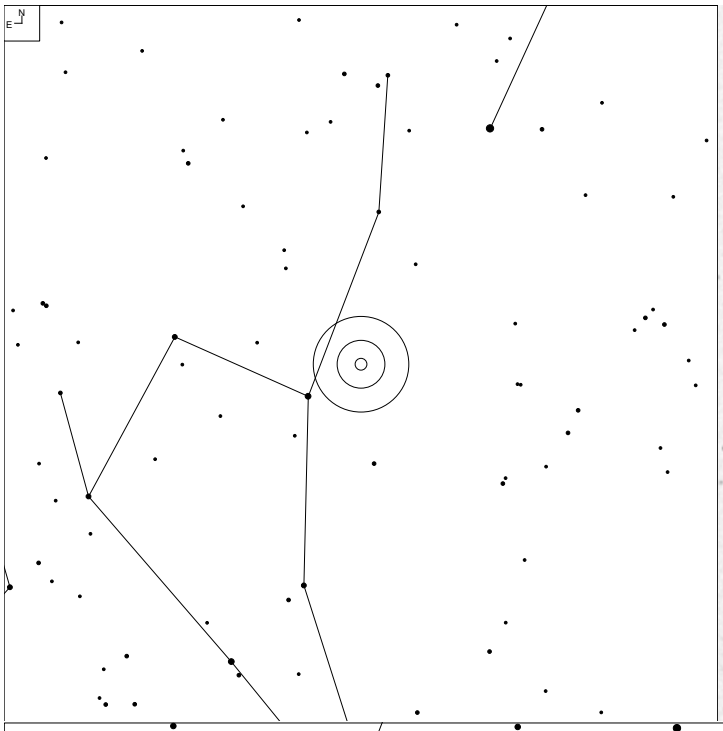
Herschel	RA	Dec	Mag	Size	Type
H II 418	14 16 07.7	+35 20 37	12.7b	4.3 x 2.7’	G SA(rs)ab

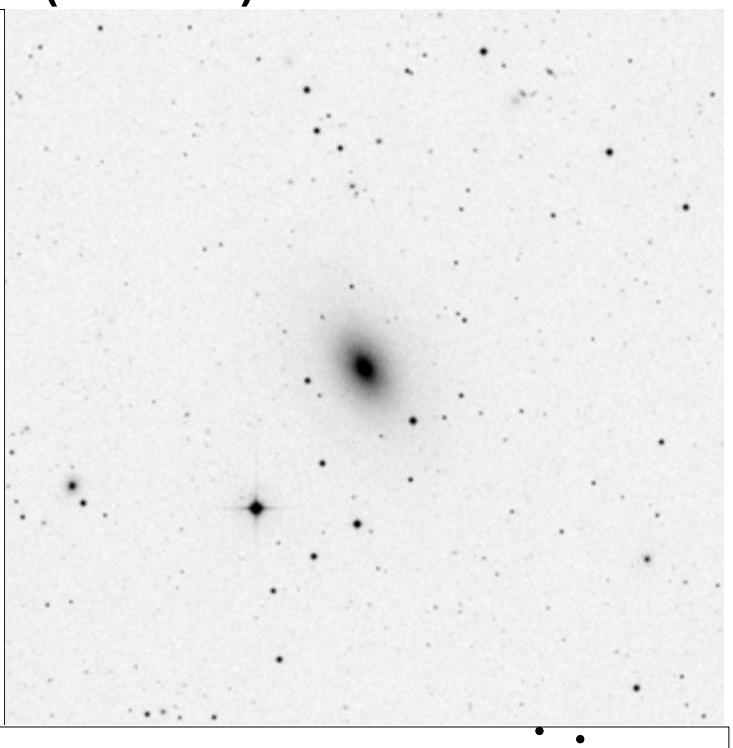
NGC 5590 (Bootes)

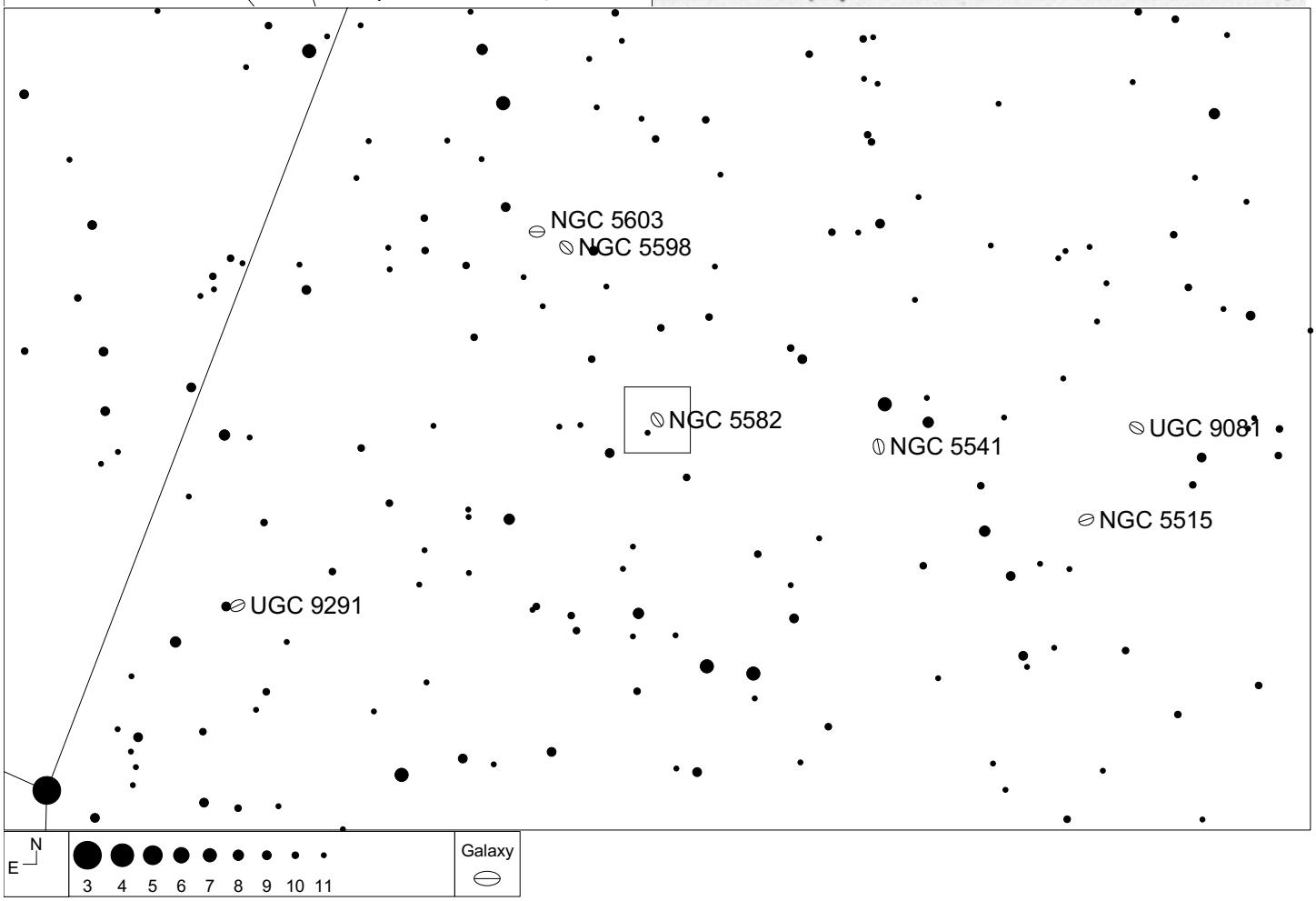


Herschel	RA	Dec	Mag	Size	Type
H III 417	14 21 38.3	+35 12 17	13.3p	2.0 x 1.6’	G S0

NGC 5582 (Bootes)

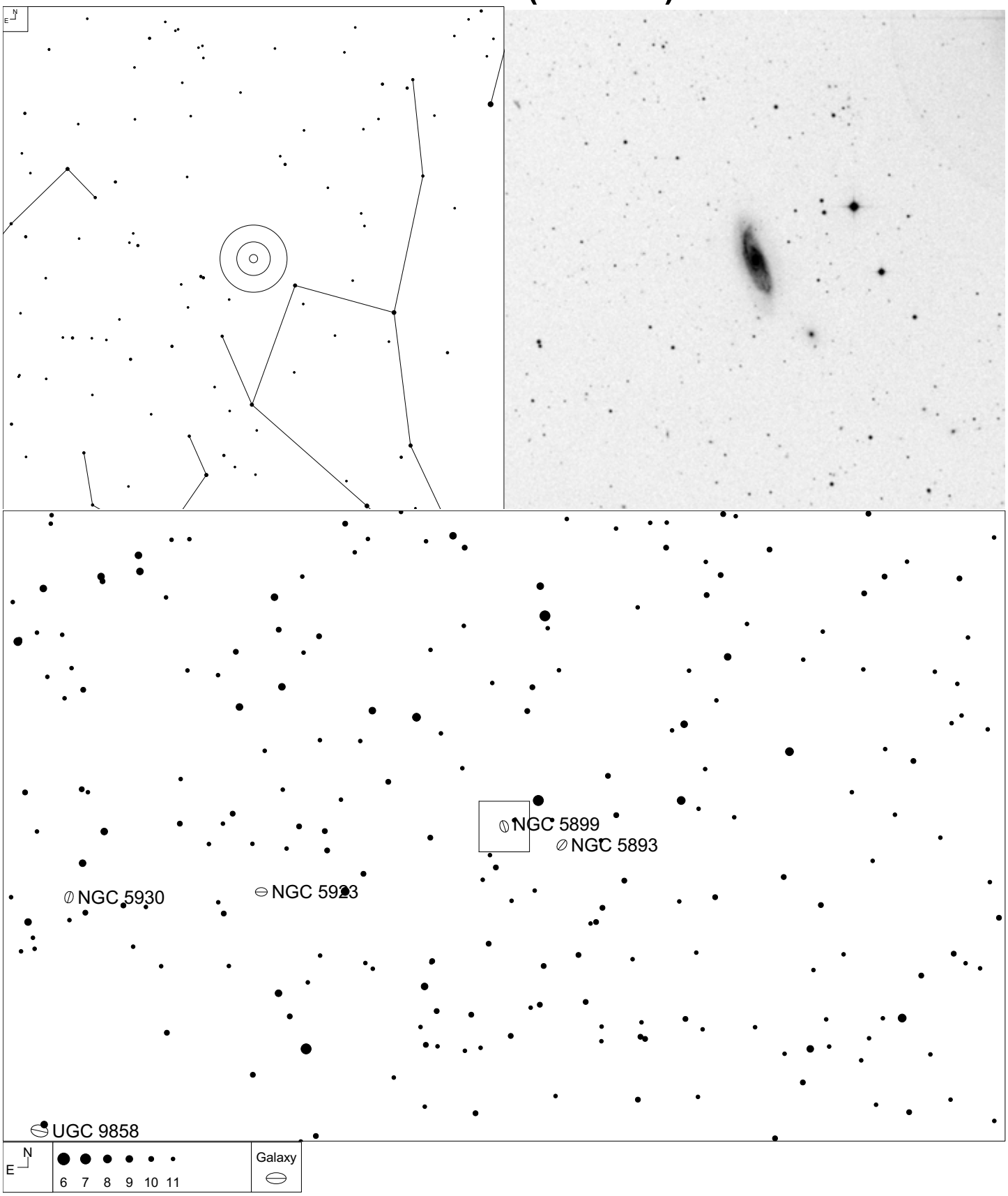






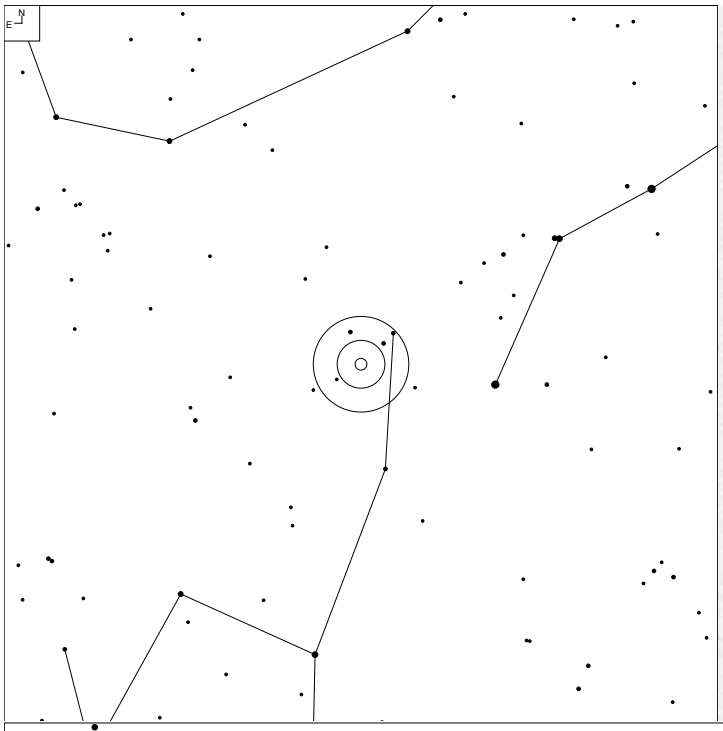
Herschel	RA	Dec	Mag	Size	Type
H II 754	14 20 43.2	+39 41 36	12.5b	2.8 x 1.7’	G E

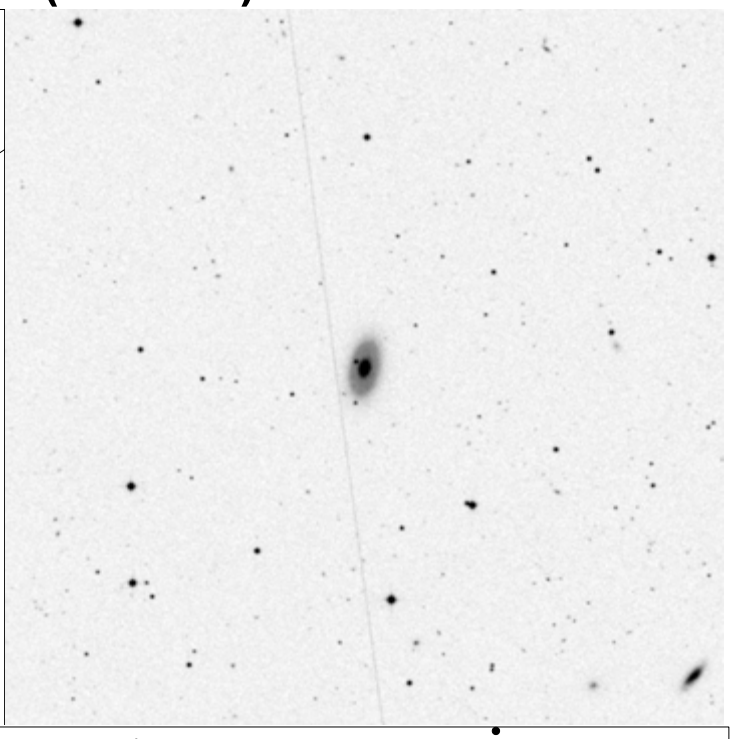
NGC 5899 (Bootes)

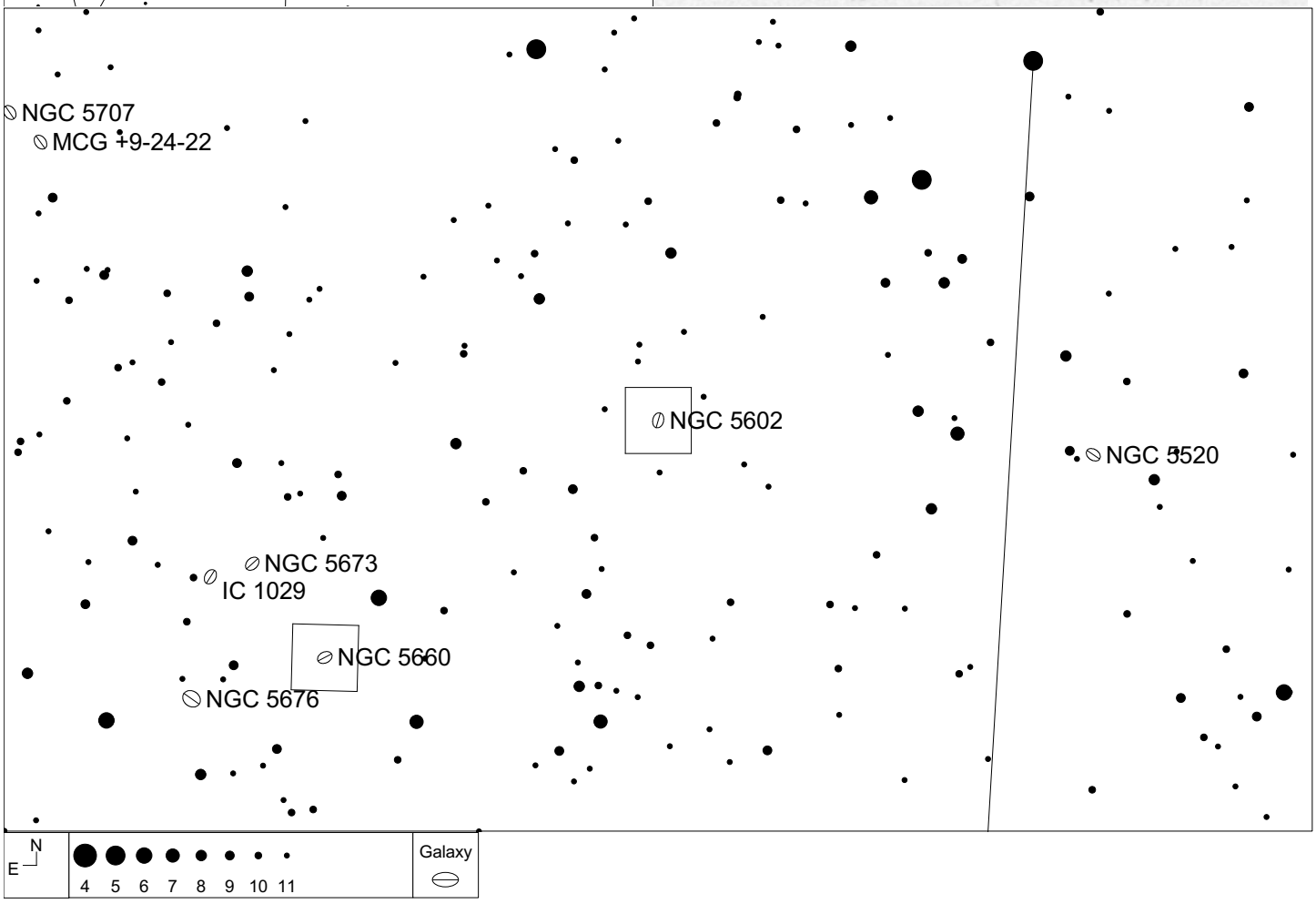


Herschel	RA	Dec	Mag	Size	Type
H II 650	15 15 03.2	+42 02 58	12.5b	3.2 x 1.2’	G SAB(rs)c

NGC 5602 (Bootes)

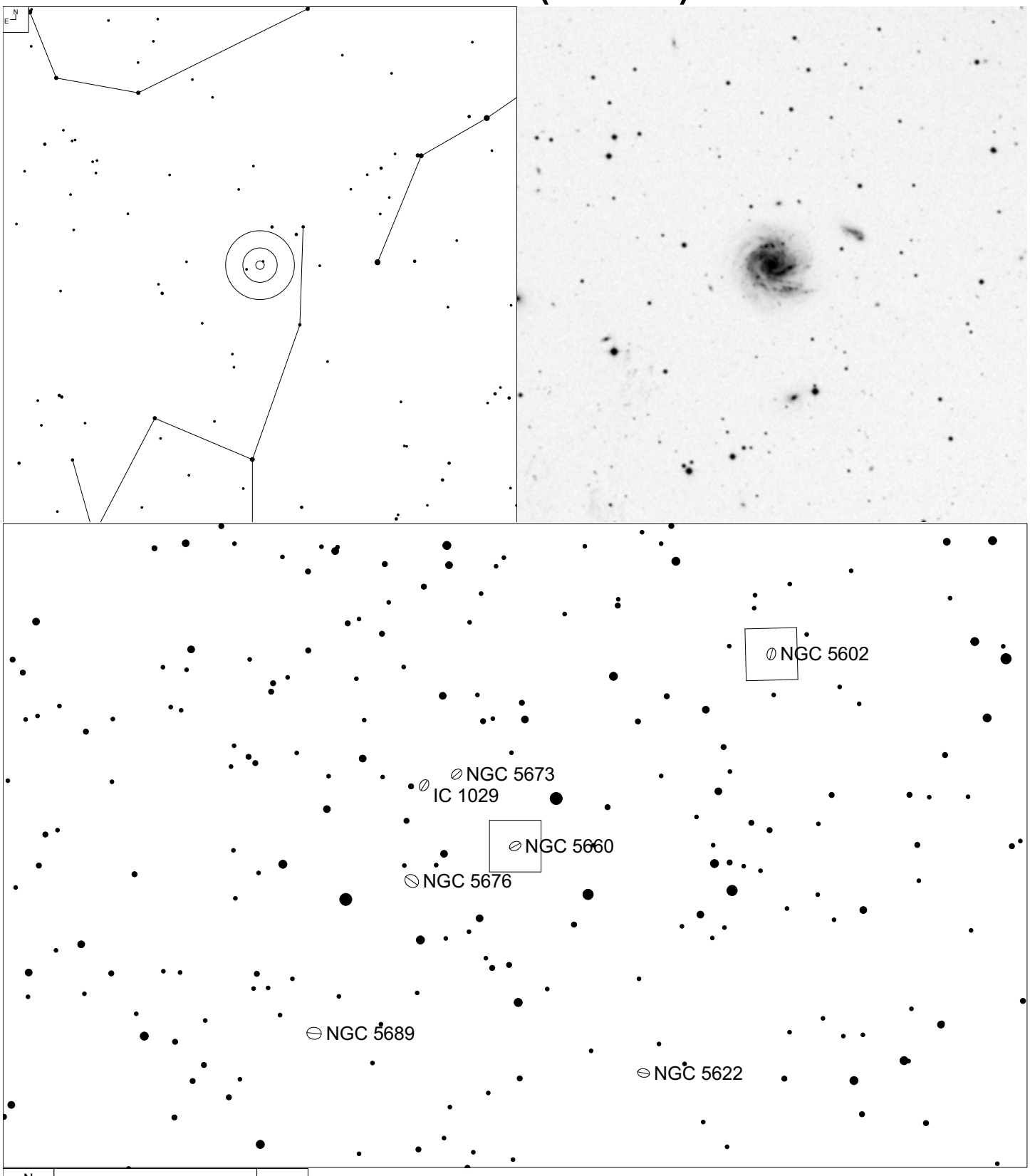






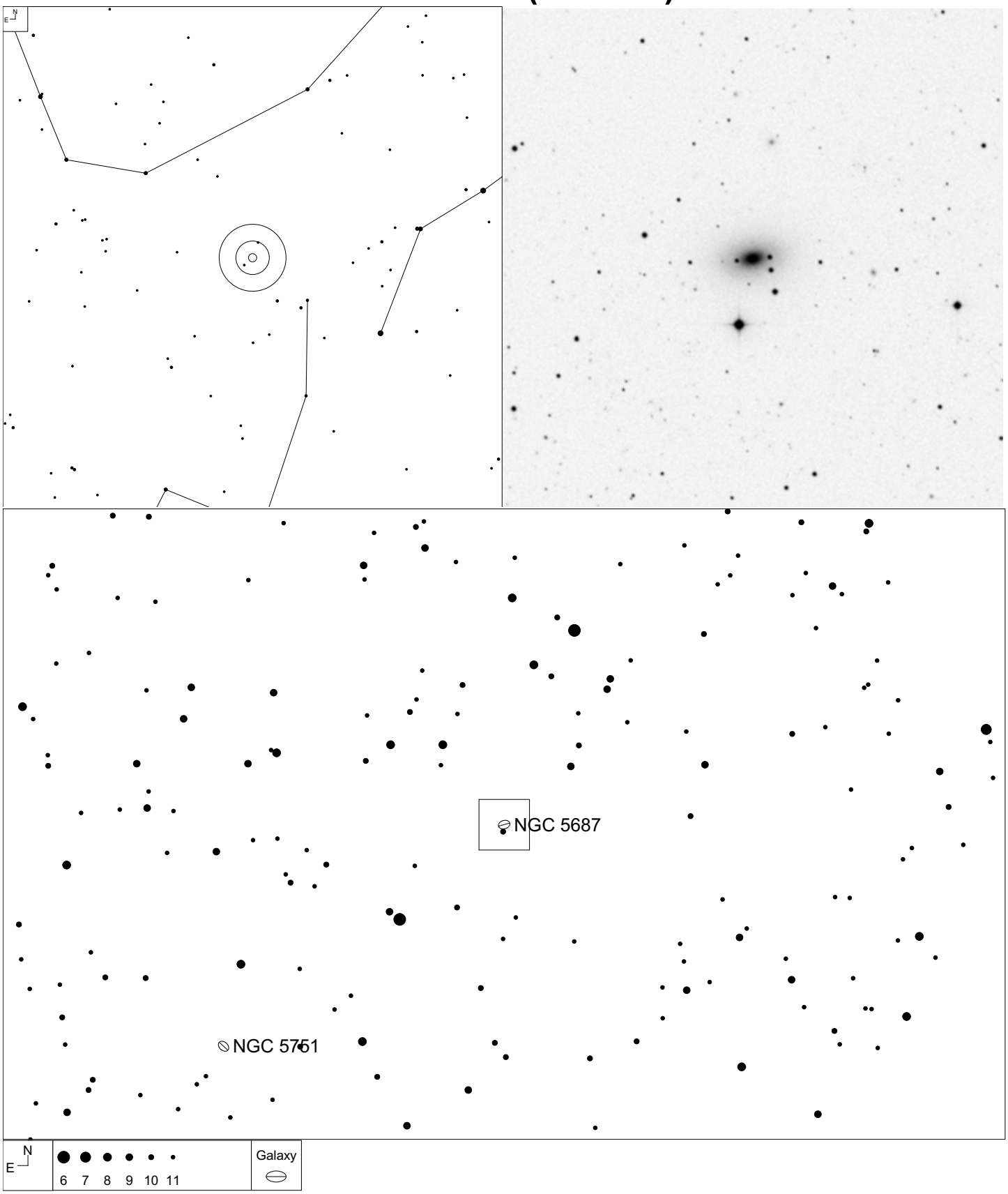
Herschel	RA	Dec	Mag	Size	Type
H II 694	14 22 18.9	+50 30 05	13.6p	1.4 x 0.7’	G Sa

NGC 5660 (Bootes)



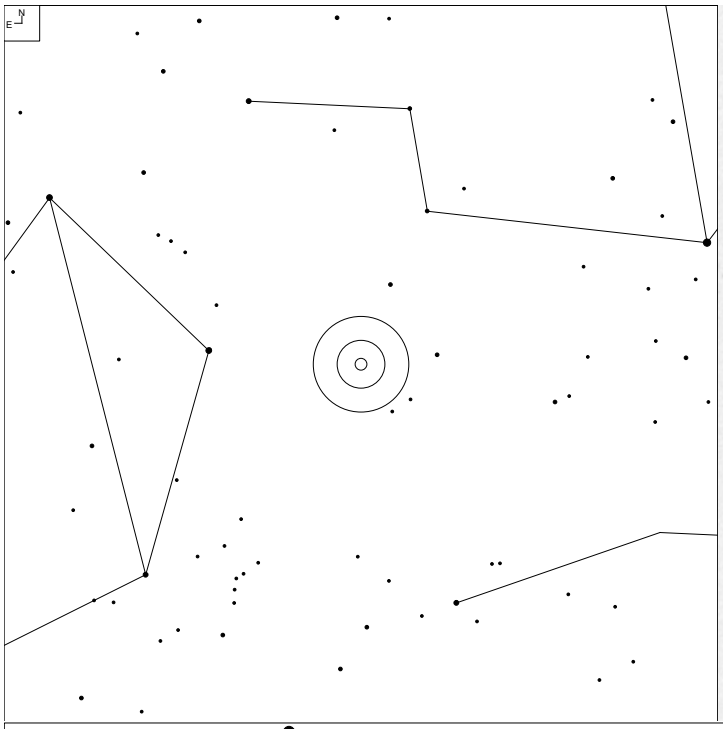
Herschel	RA	Dec	Mag	Size	Type
H II 695	14 29 49.8	+49 37 20	12.4b	2.8 x 2.7’	G SAB(rs)c

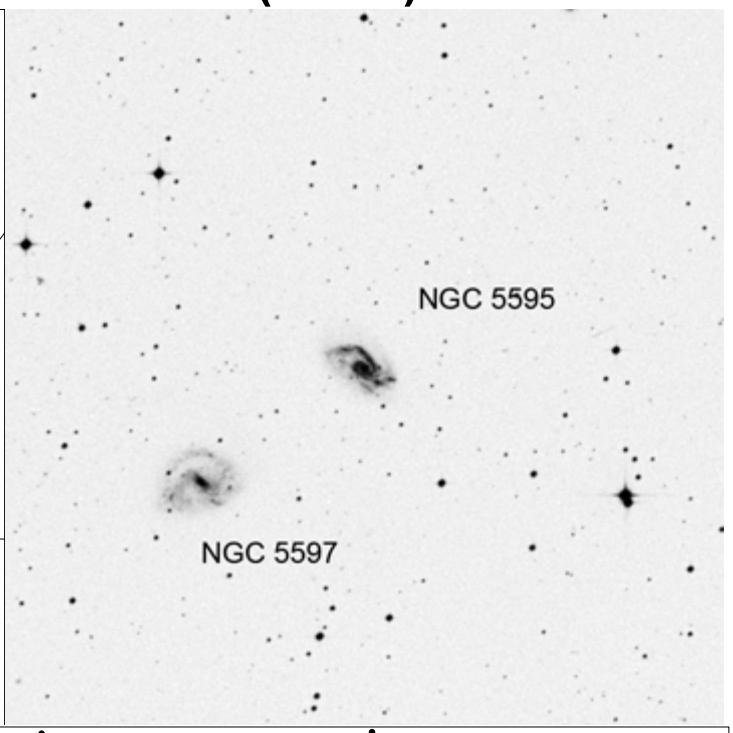
NGC 5687 (Bootes)

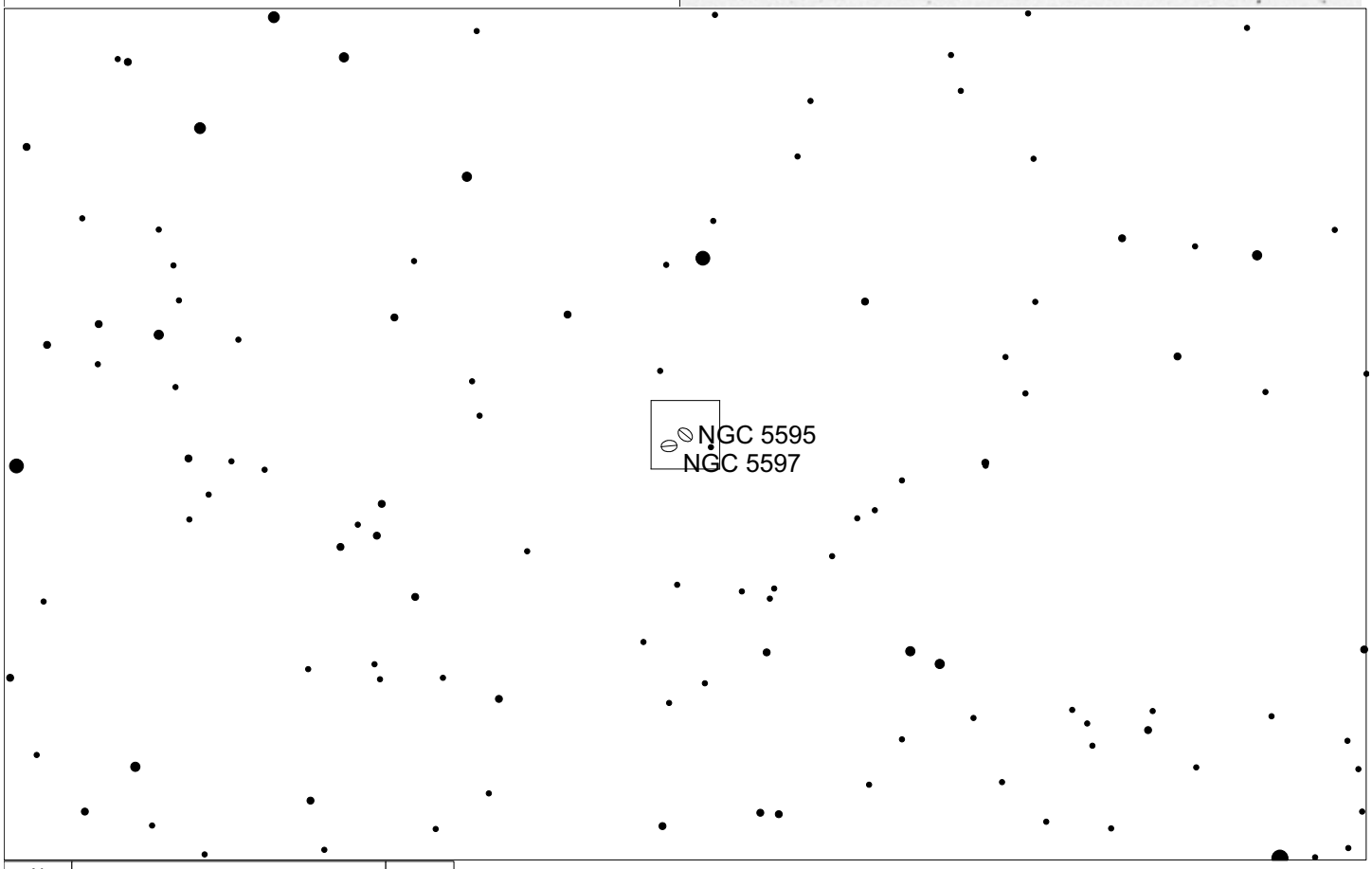


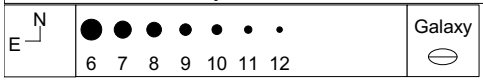
Herschel	RA	Dec	Mag	Size	Type
H II 808	14 34 52.3	+54 28 33	12.6b	2.4 x 1.6’	G S0-?

NGC 5595 and NGC 5597 (Libra)



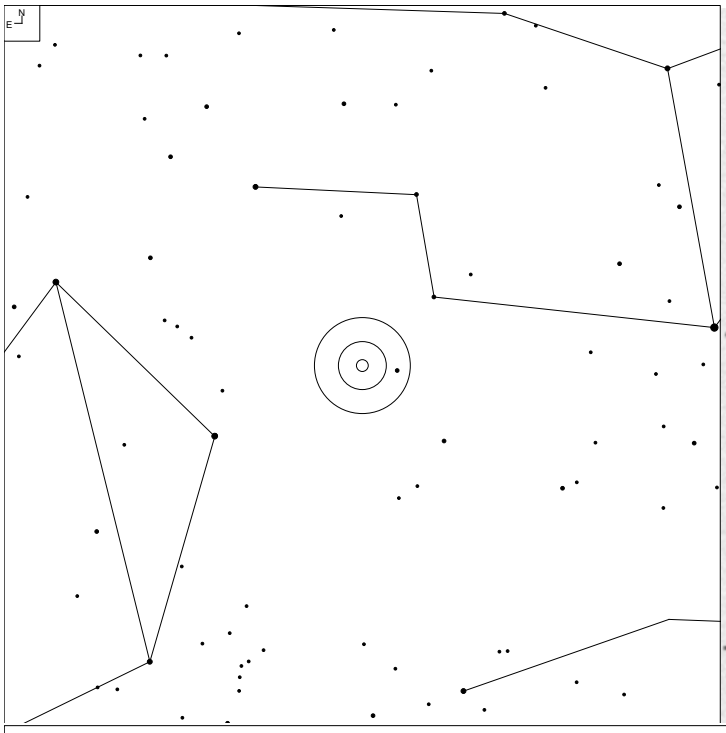


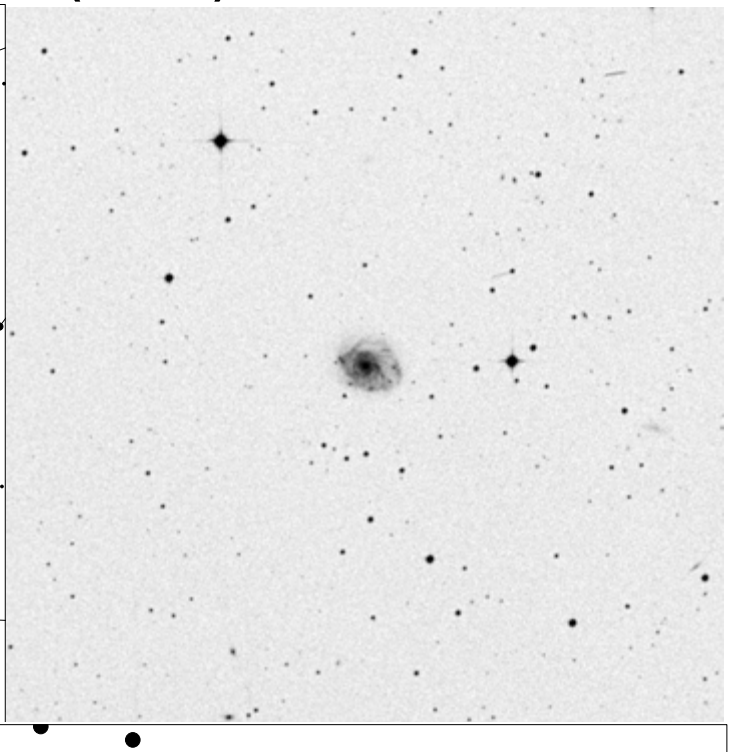


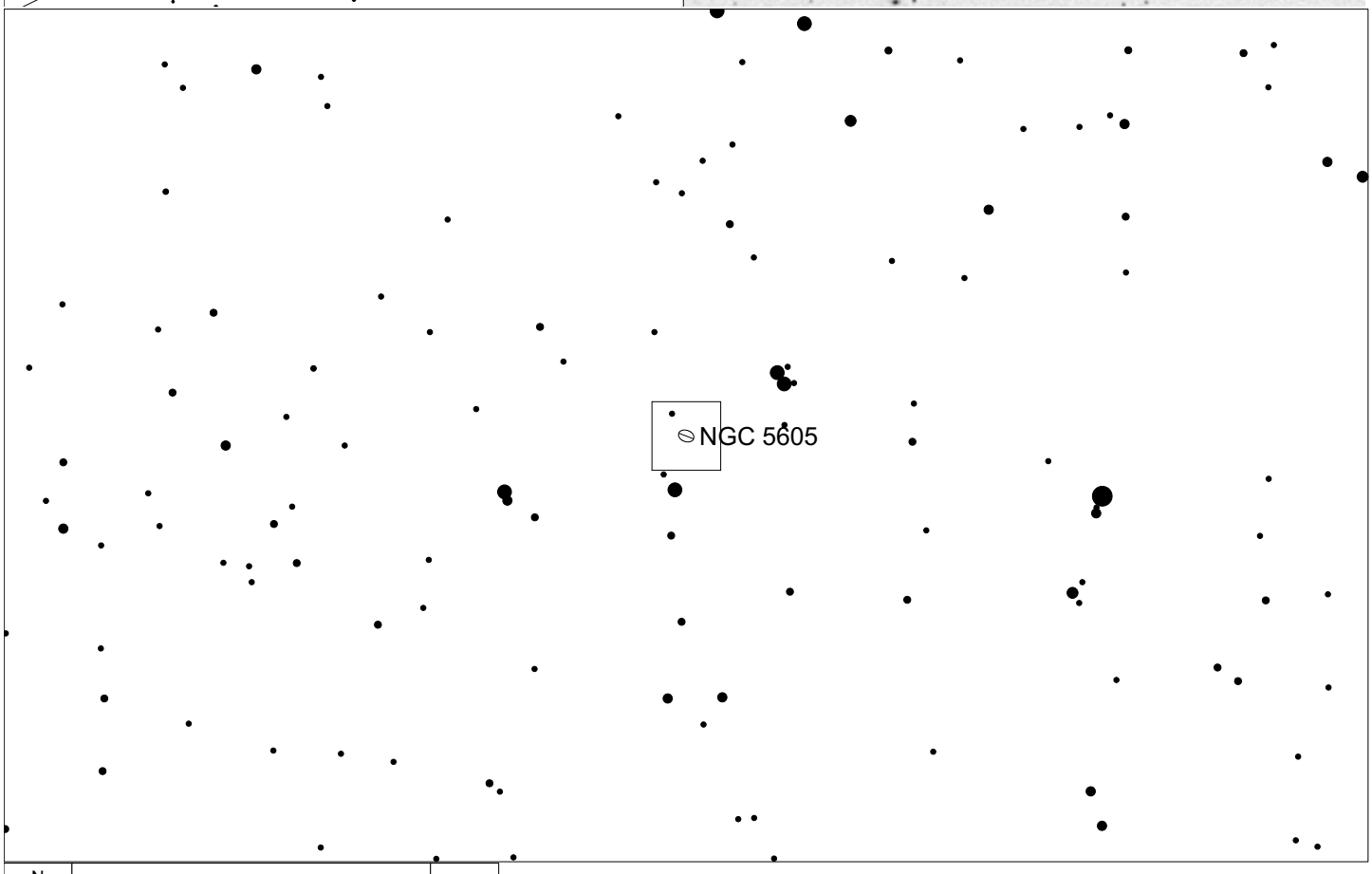


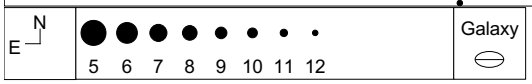
Herschel	RA	Dec	Mag	Size	Type
H III 121	14 24 13.3	-16 43 23	12.6b	2.2 x 1.2’	G SAB(rs)c
H III 122	14 24 27.5	-16 45 46	12.6b	2.1 x 1.6’	G SAB(s)cd

NGC 5605 (Libra)



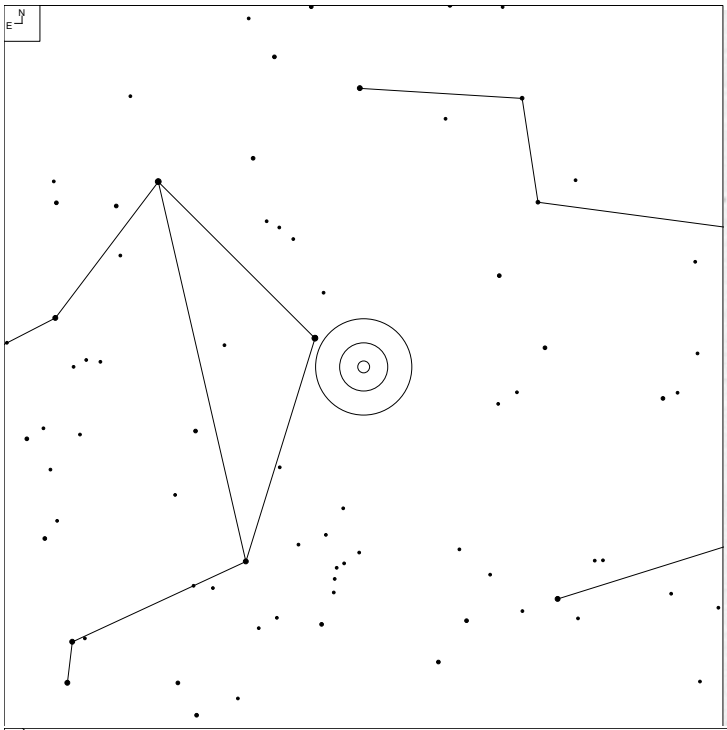


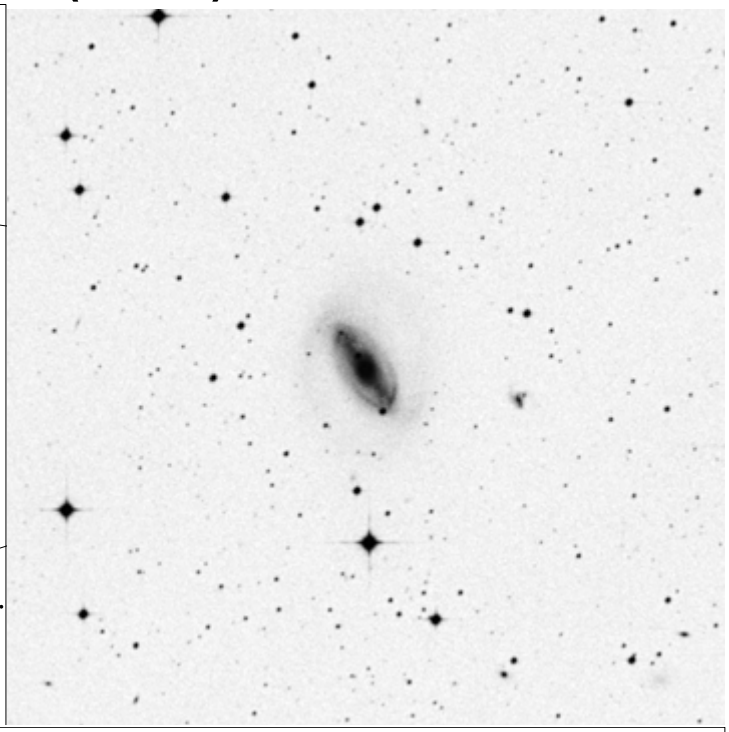


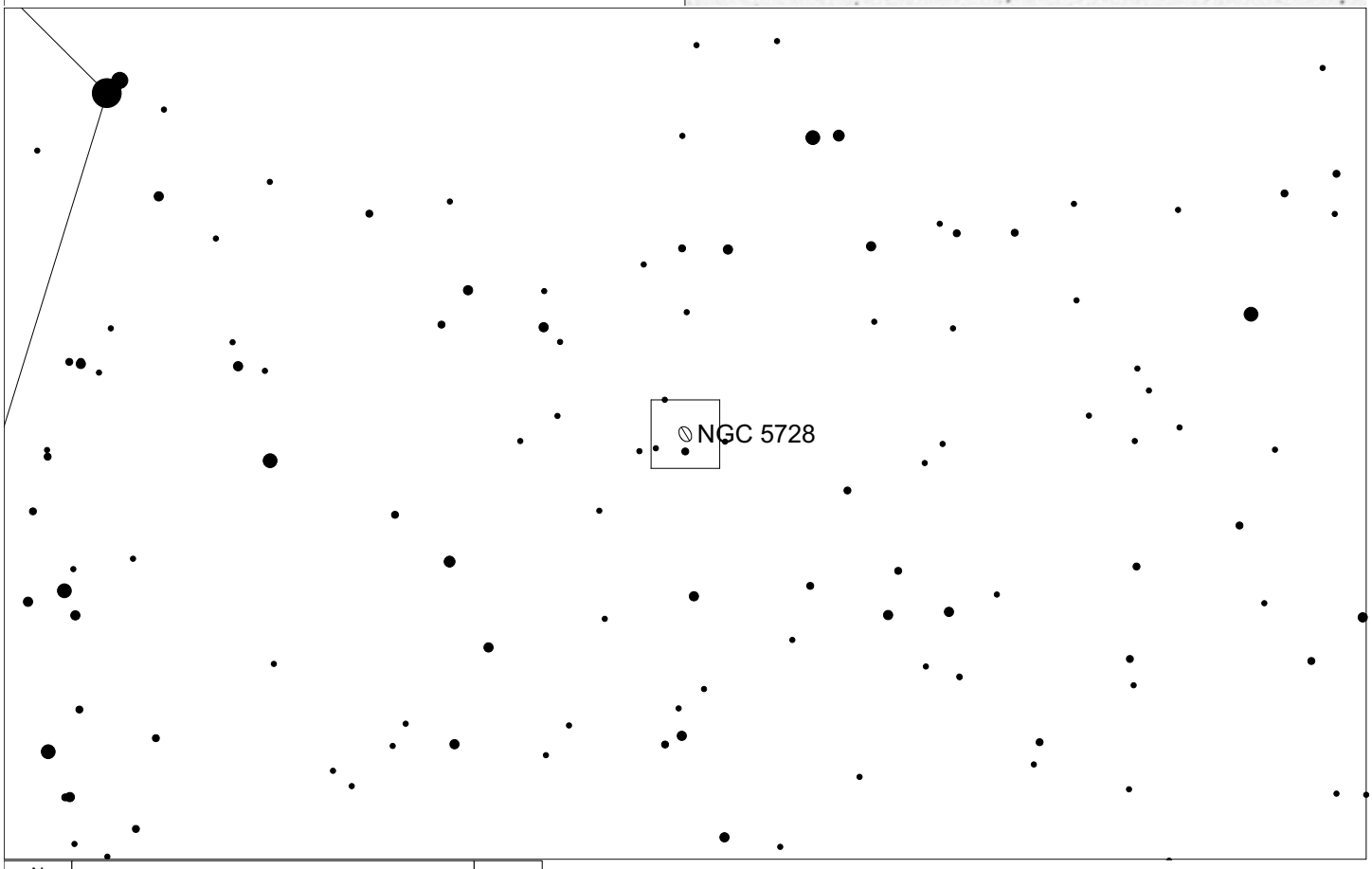


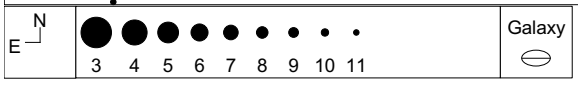
Herschel	RA	Dec	Mag	Size	Type
H III 120	14 25 07.6	-13 09 48	12.9b	1.6 x 1.3’	G(R’)SAB(rs)c p

NGC 5728 (Libra)



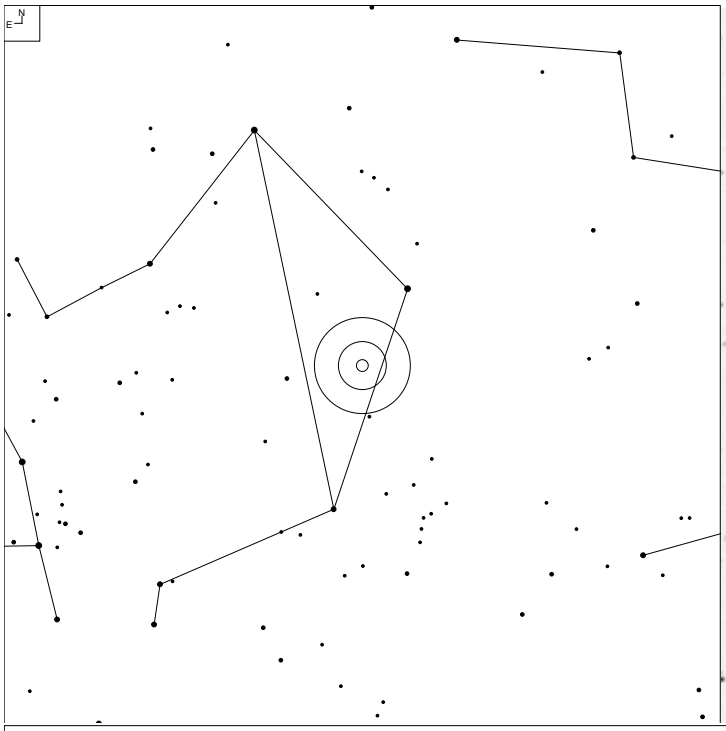


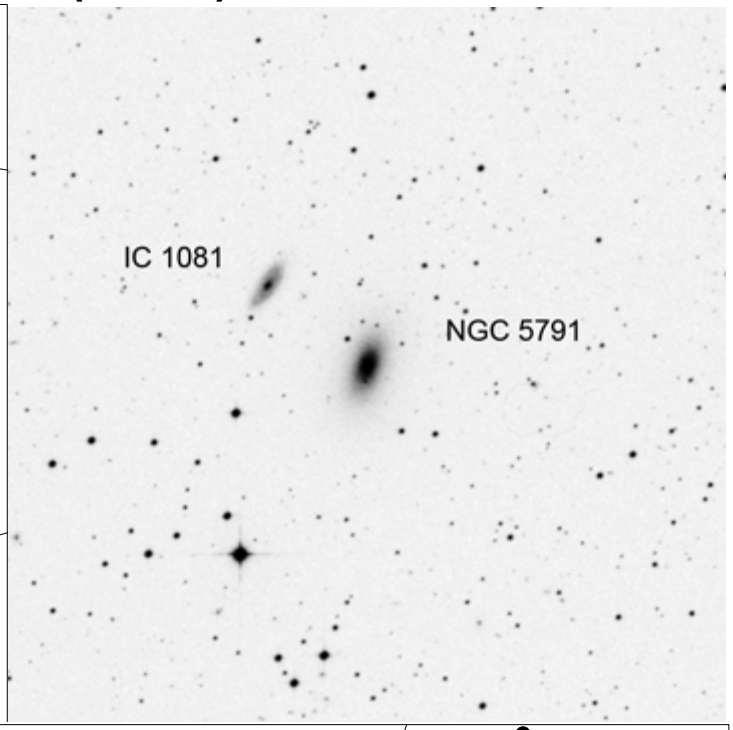


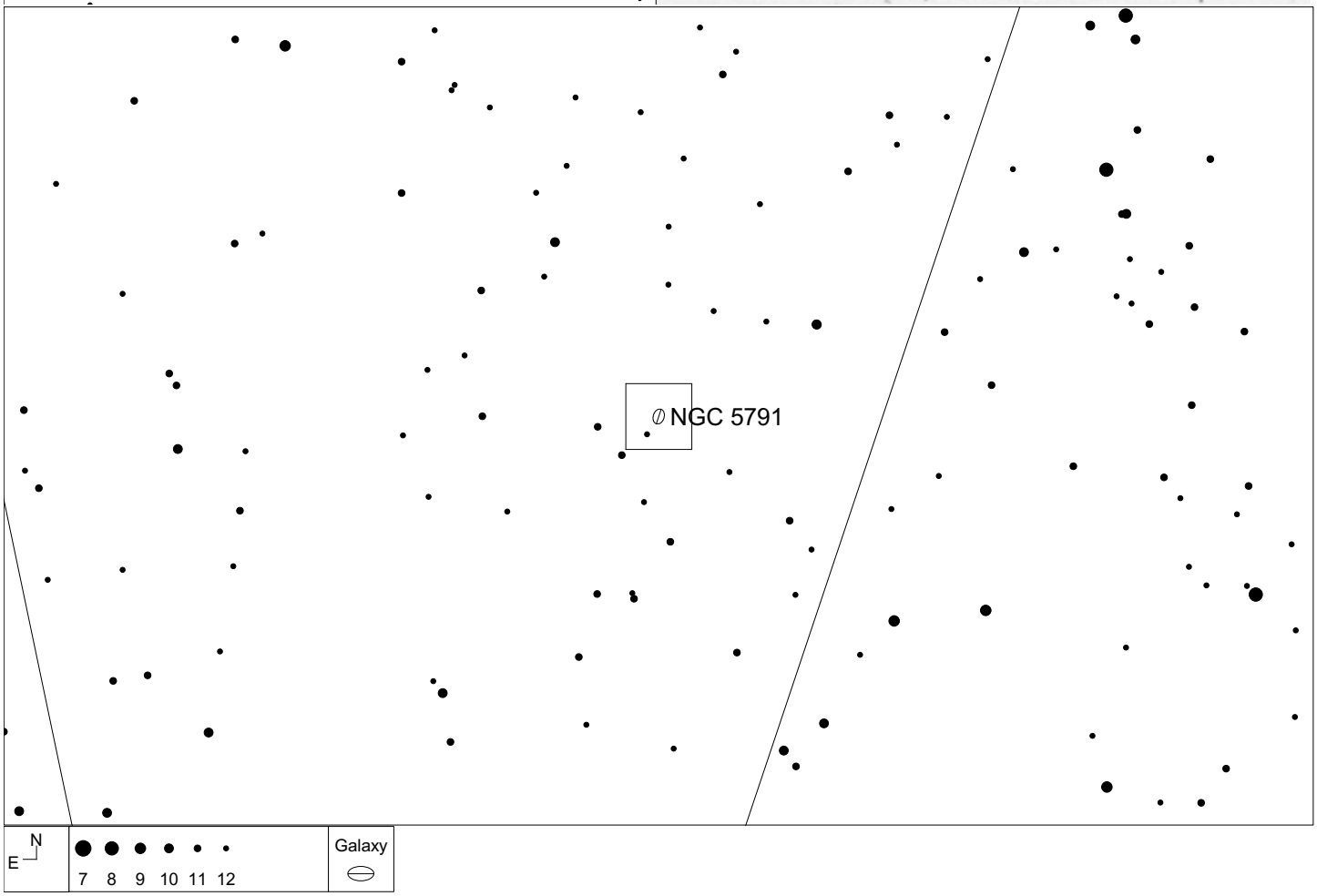


Herschel	RA	Dec	Mag	Size	Type
H I 184	14 42 24.0	-17 15 10	12.3b	3.1 x 1.7’	G SAB(r)a:

NGC 5791 (Libra)

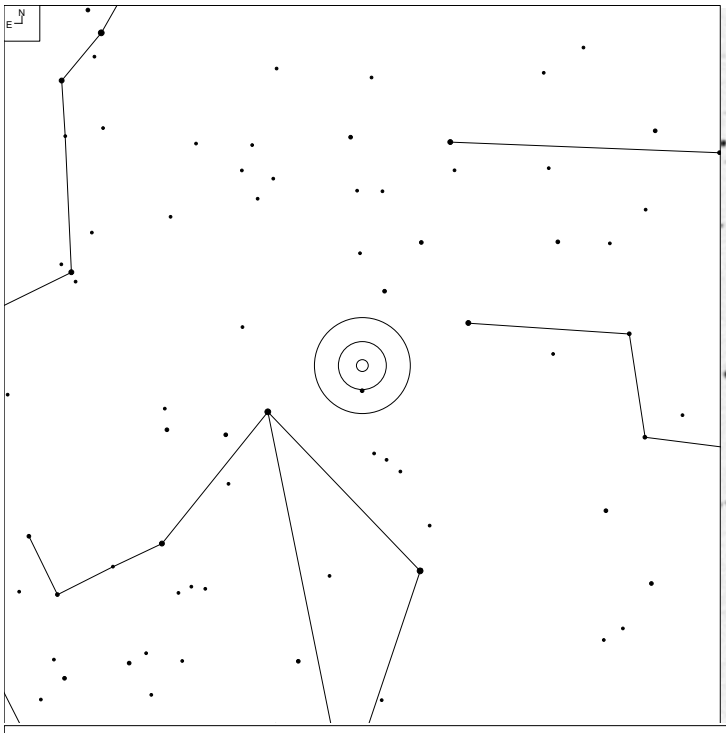


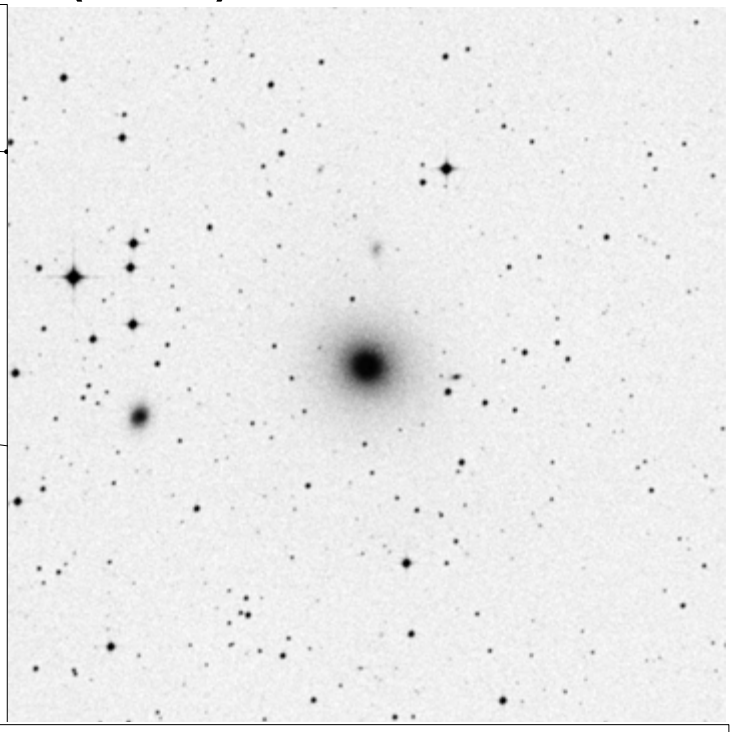


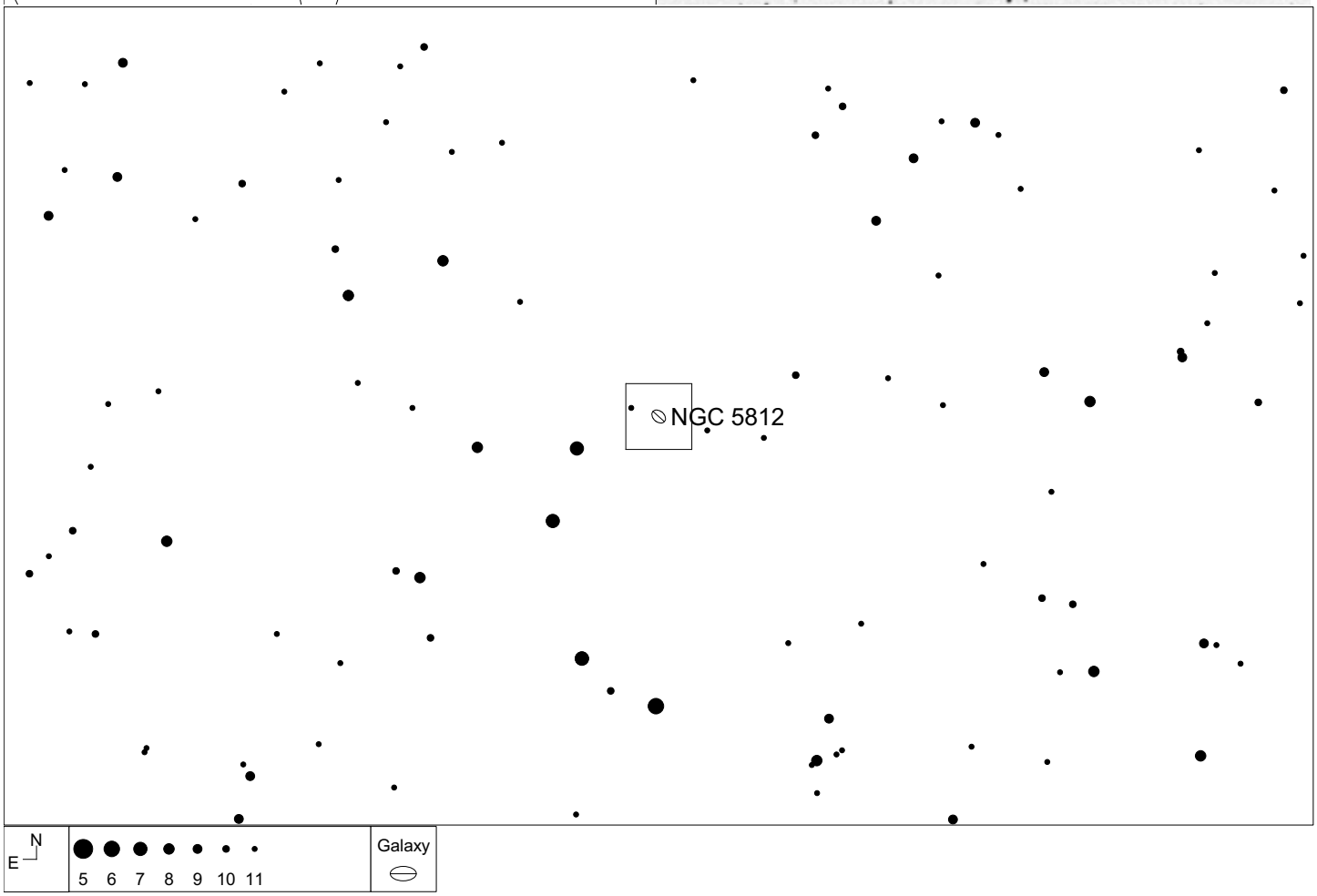


Herschel	RA	Dec	Mag	Size	Type
H III 691	14 58 46.2	-19 16 01	12.7b	2.6 x 1.3’	G E4/S0-

NGC 5812 (Libra)

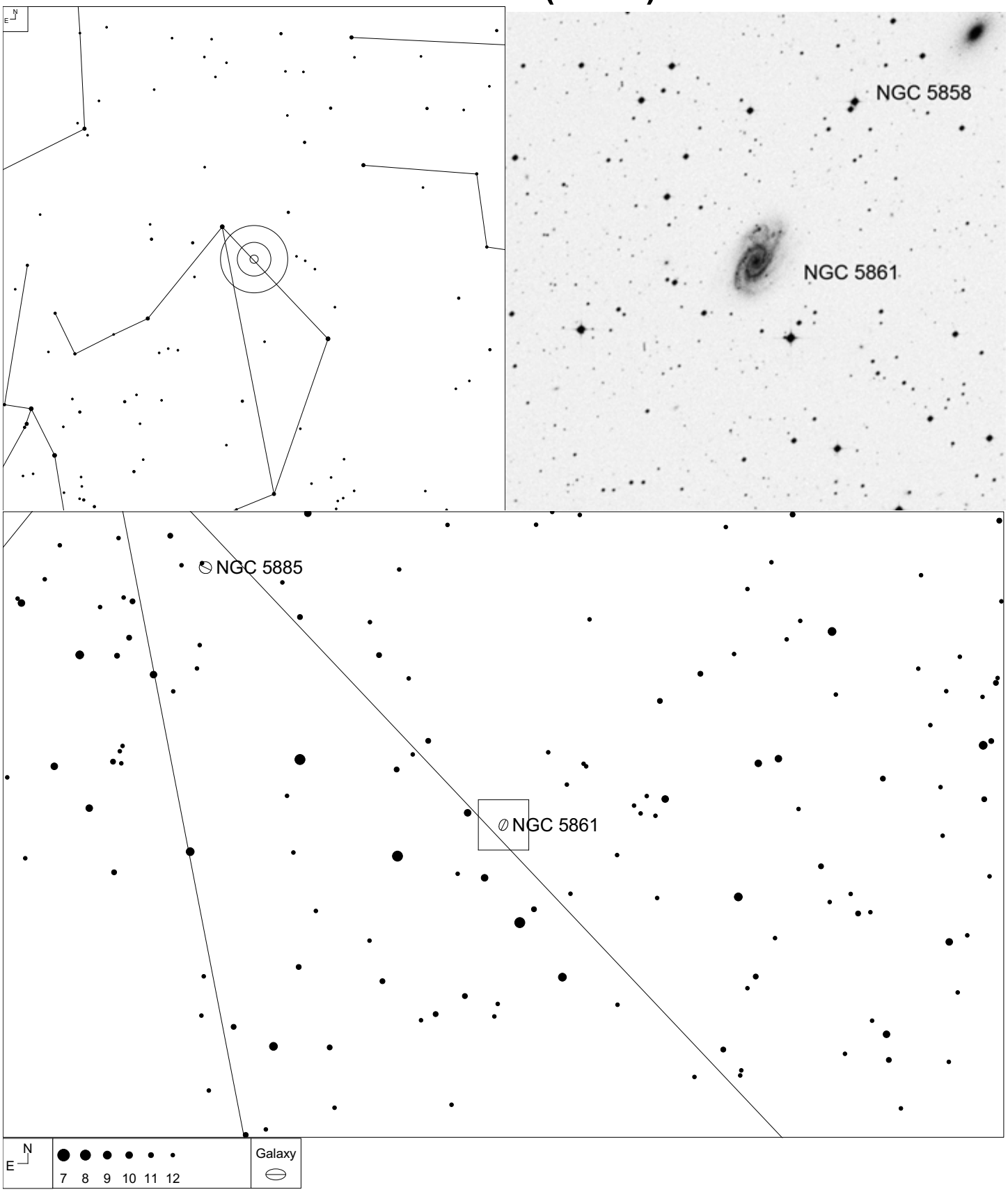






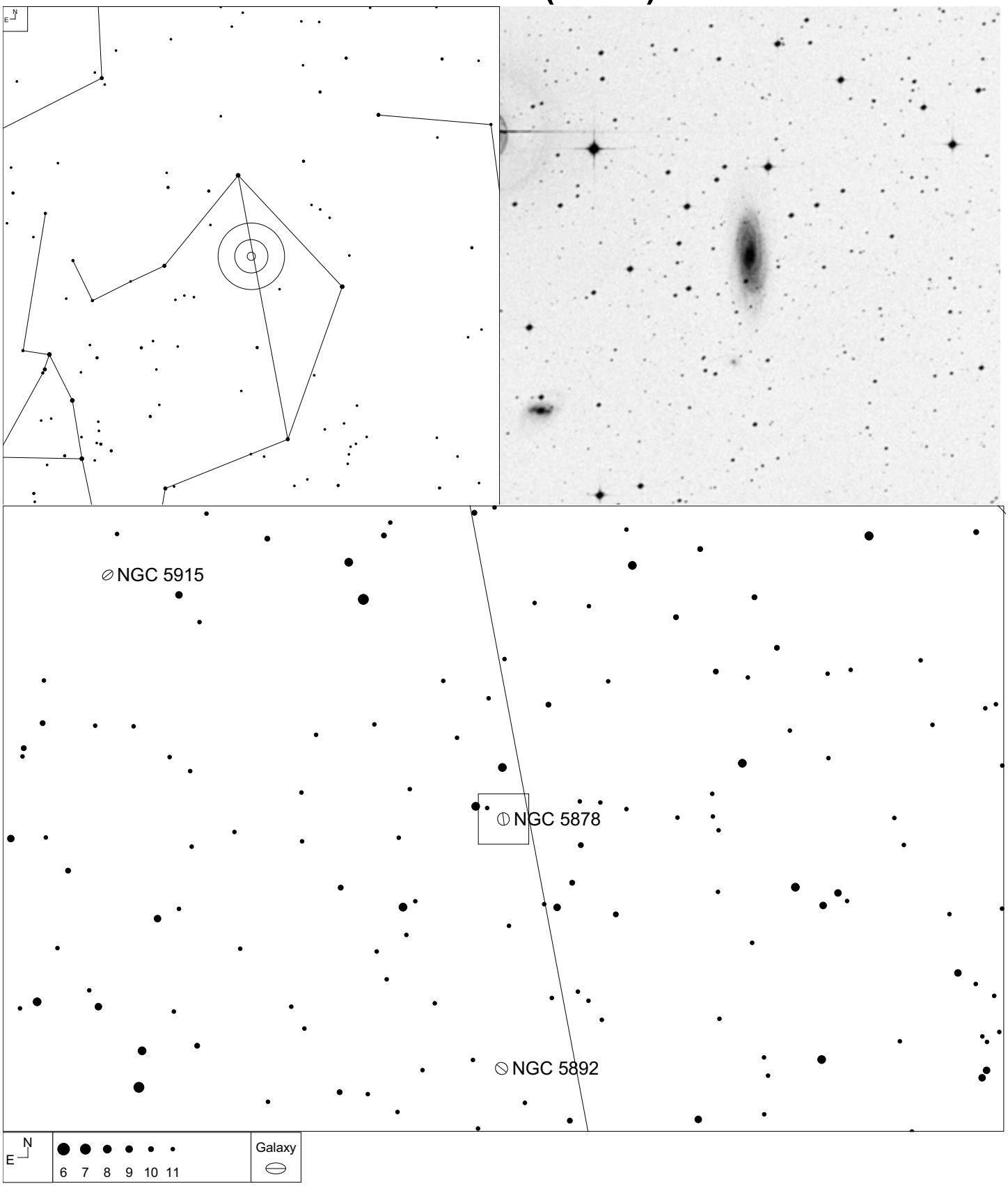
Herschel	RA	Dec	Mag	Size	Type
H I 71	15 00 55.7	-07 27 26	12.2b	2.1 x 1.8’	G E0

NGC 5861 (Libra)



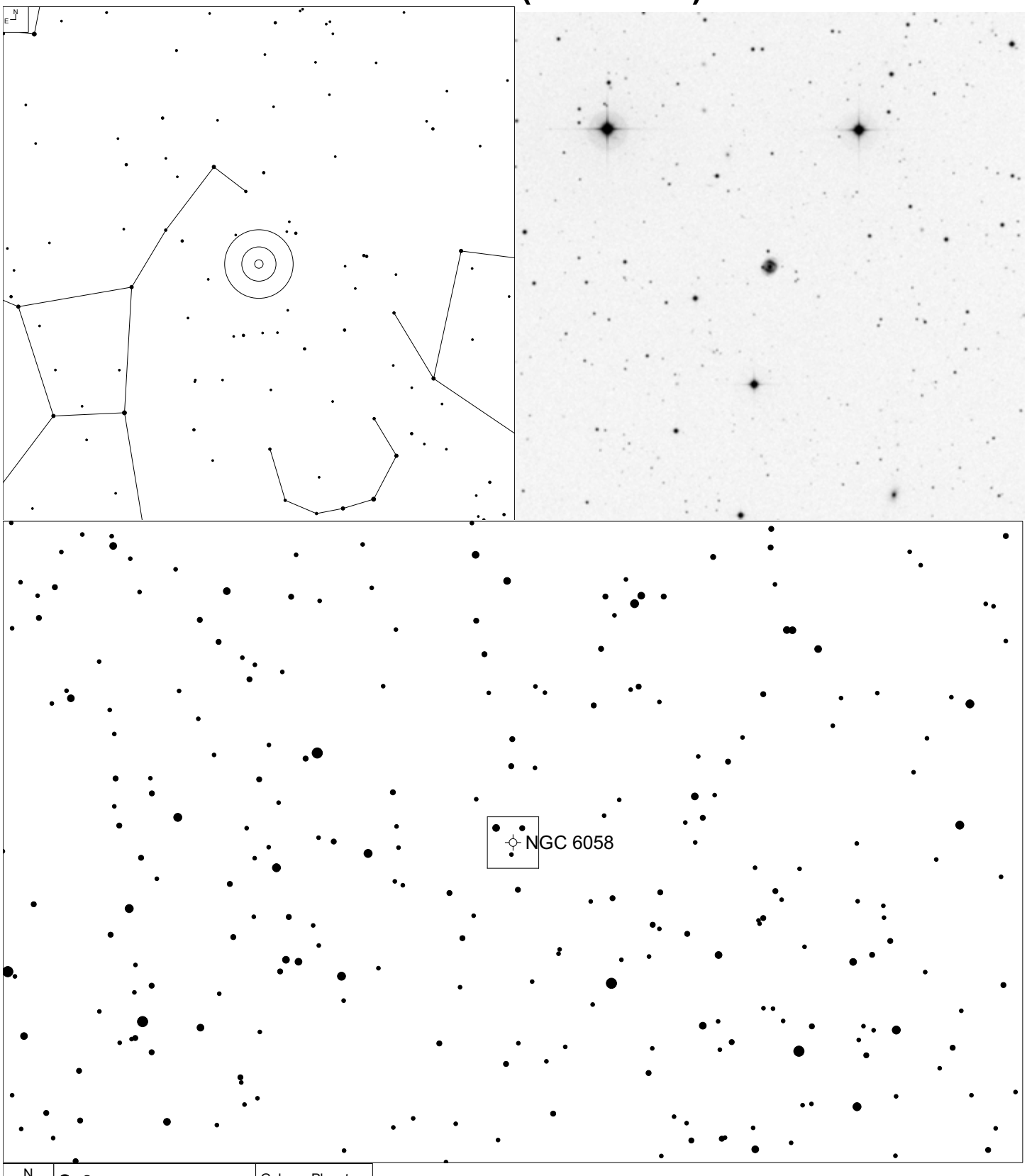
Herschel	RA	Dec	Mag	Size	Type
H II 192	15 09 16.0	-11 19 20	12.3p	3.0 x 1.6’	G SAB(rs)c

NGC 5878 (Libra)



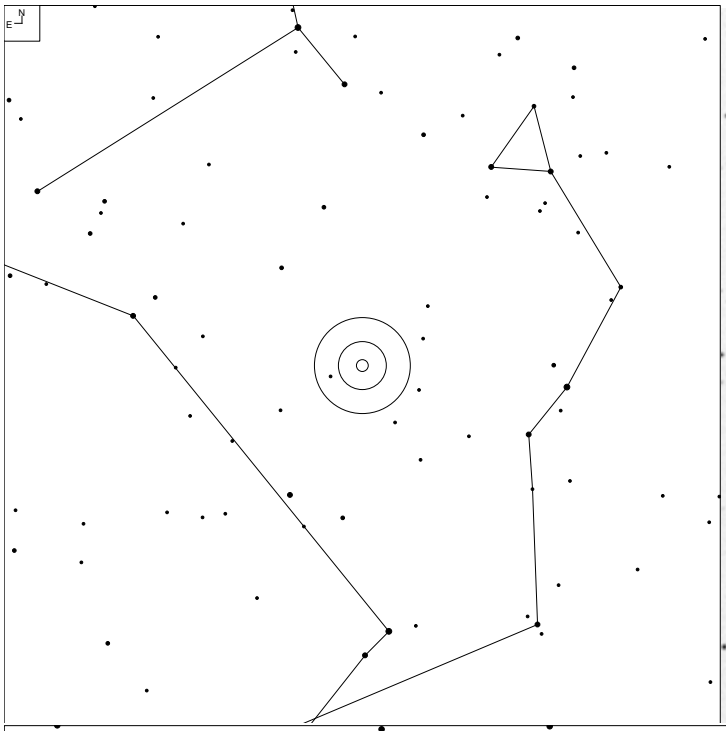
Herschel	RA	Dec	Mag	Size	Type
H III 736	15 13 45.7	-14 16 10	12.4b	3.5 x 1.4’	G SA(s)b

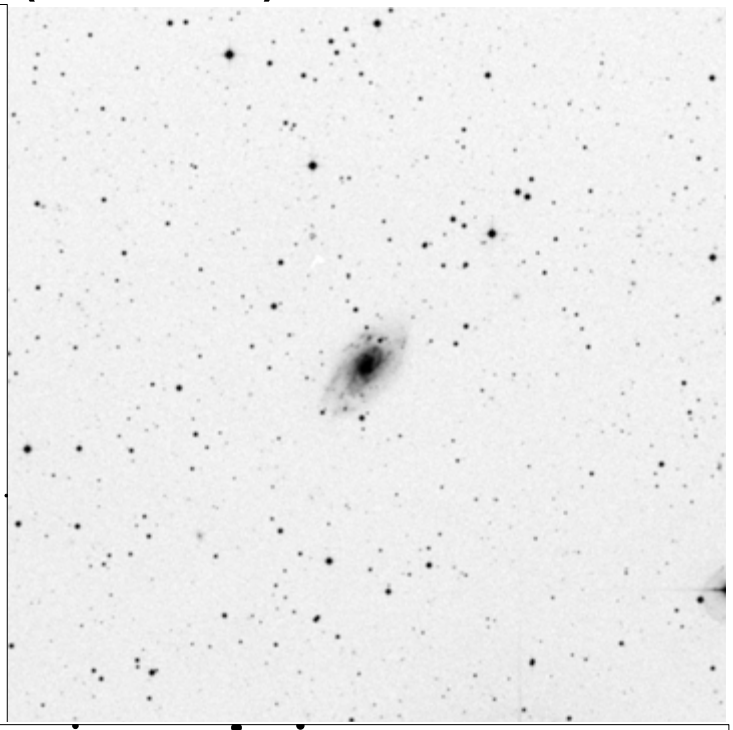
NGC 6058 (Hercules)

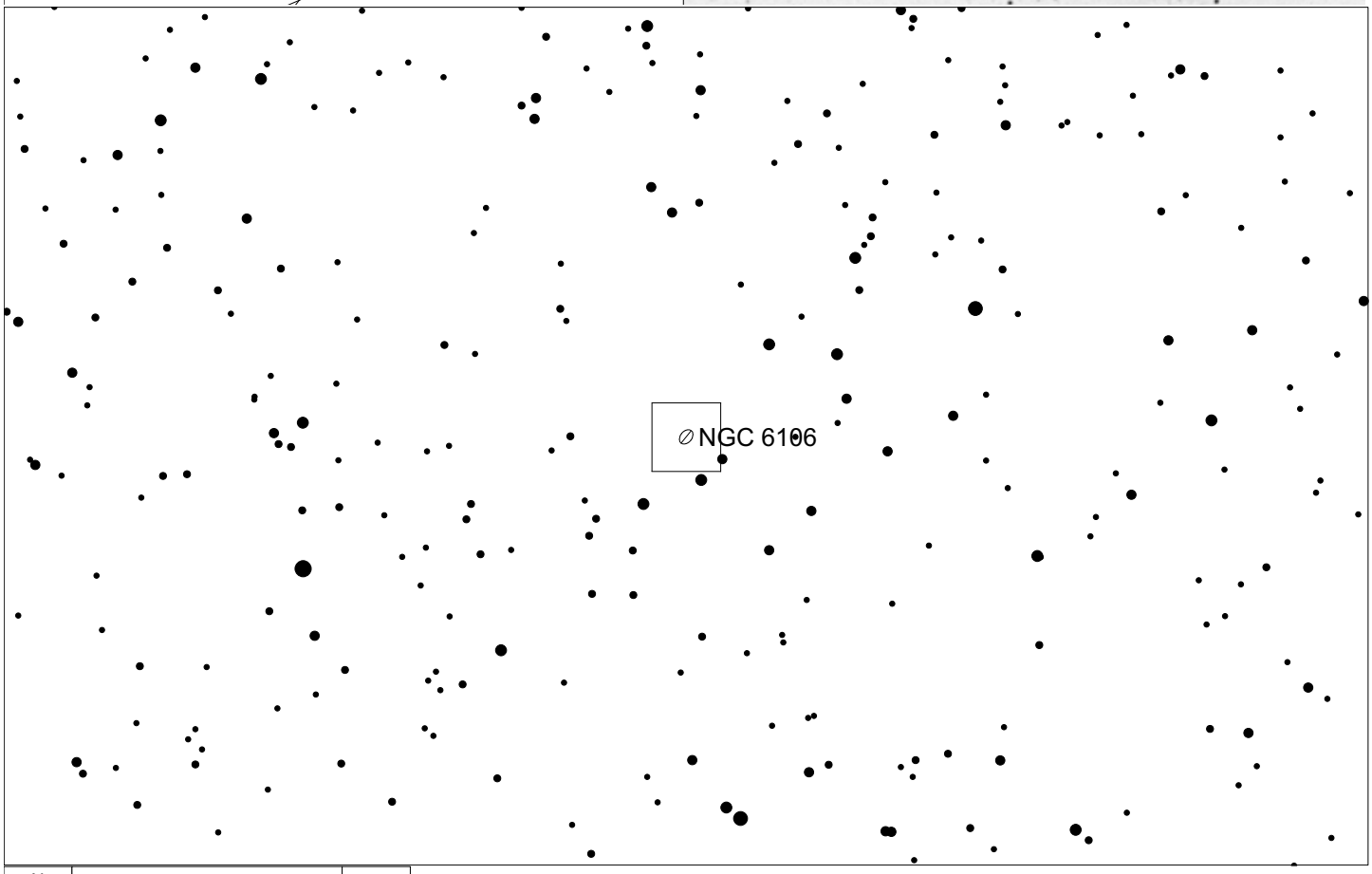


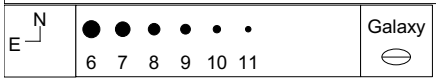
Herschel	RA	Dec	Mag	Size	Type
H III 637	16 04 26.4	+40 40 59	13.3p	35”	PN 3 + 2

NGC 6106 (Hercules)



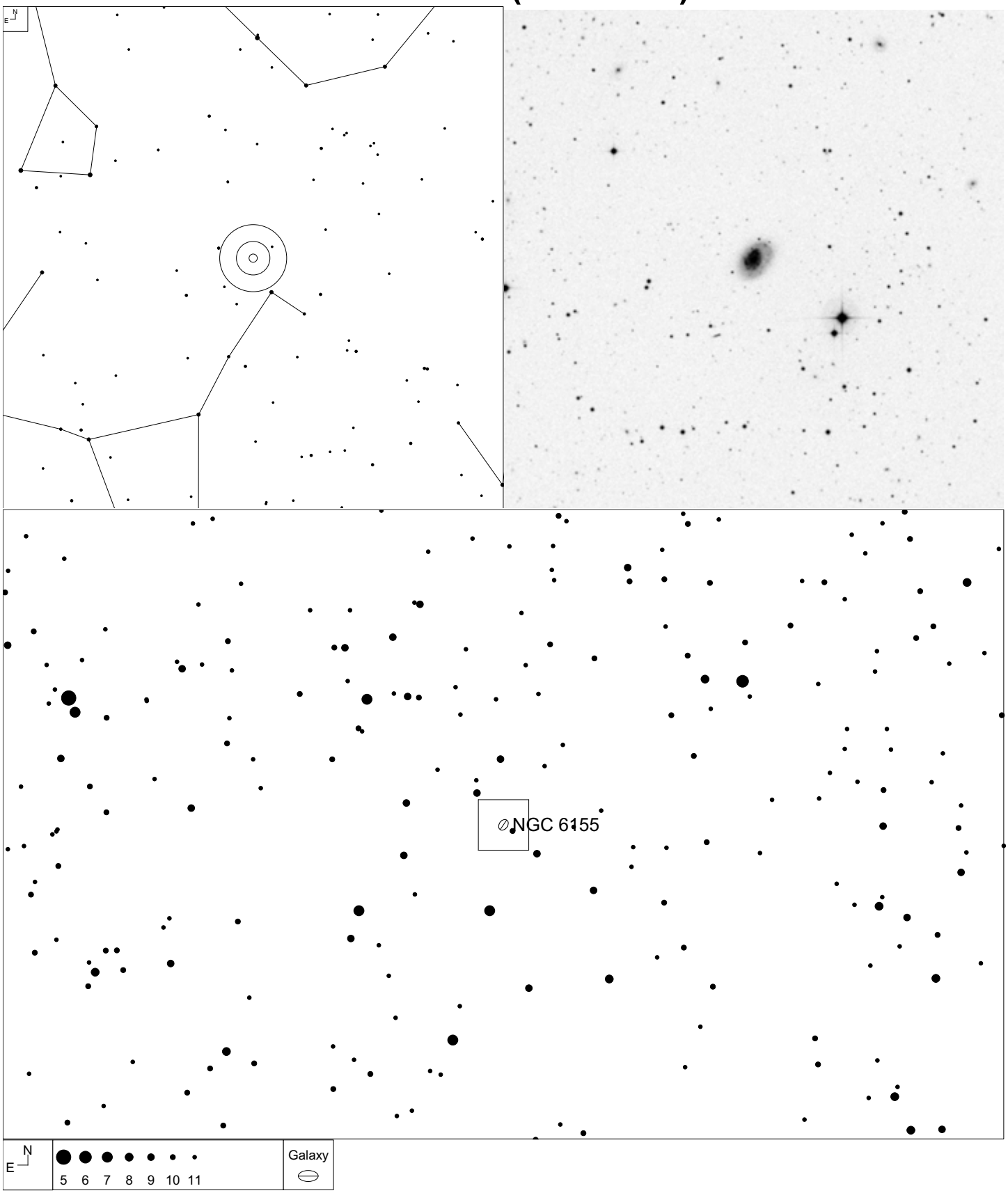






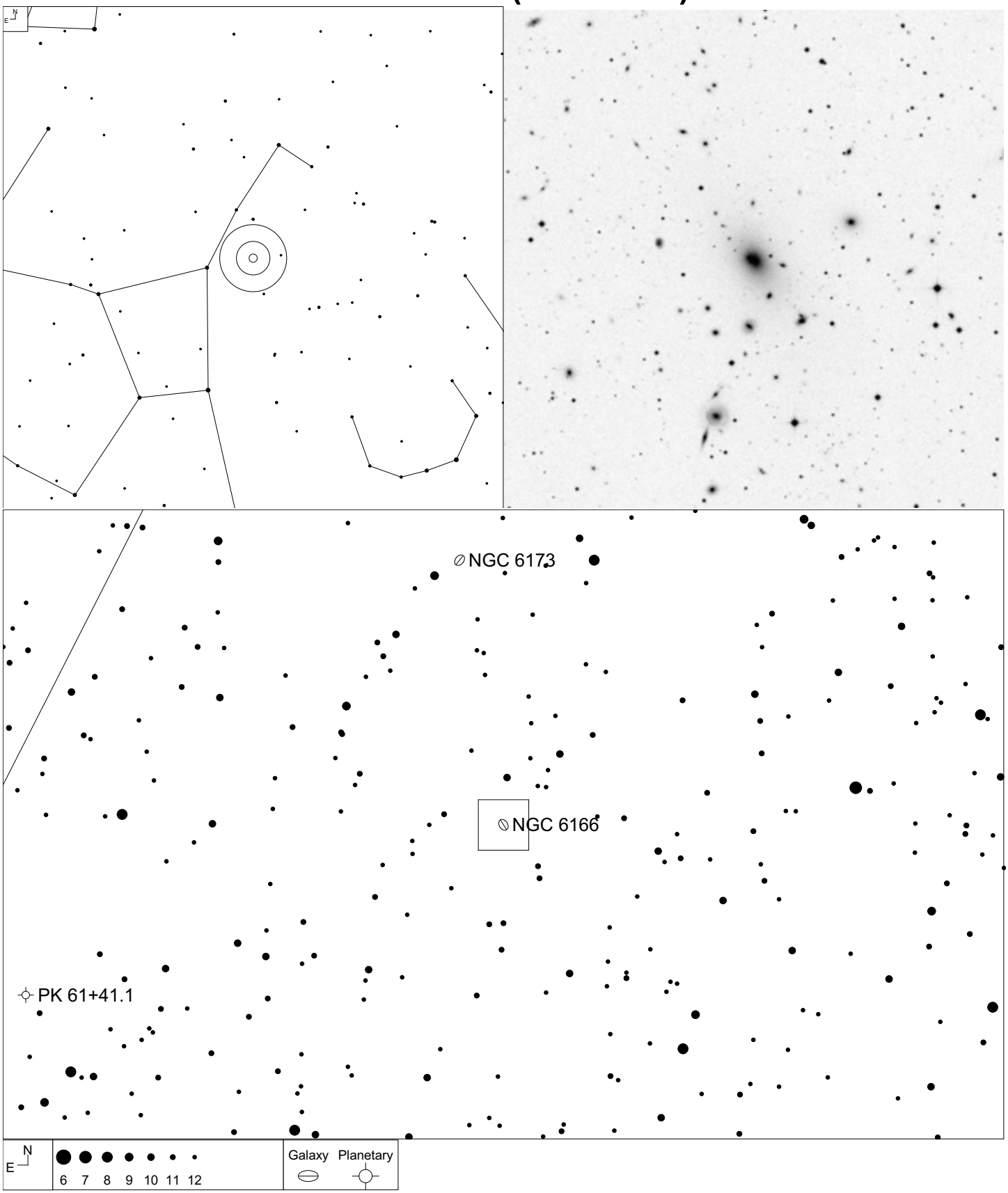
Herschel	RA	Dec	Mag	Size	Type
H II 151	16 18 47.3	+07 24 40	12.8b	2.5 x 1.3’	G SA(s)c

NGC 6155 (Hercules)



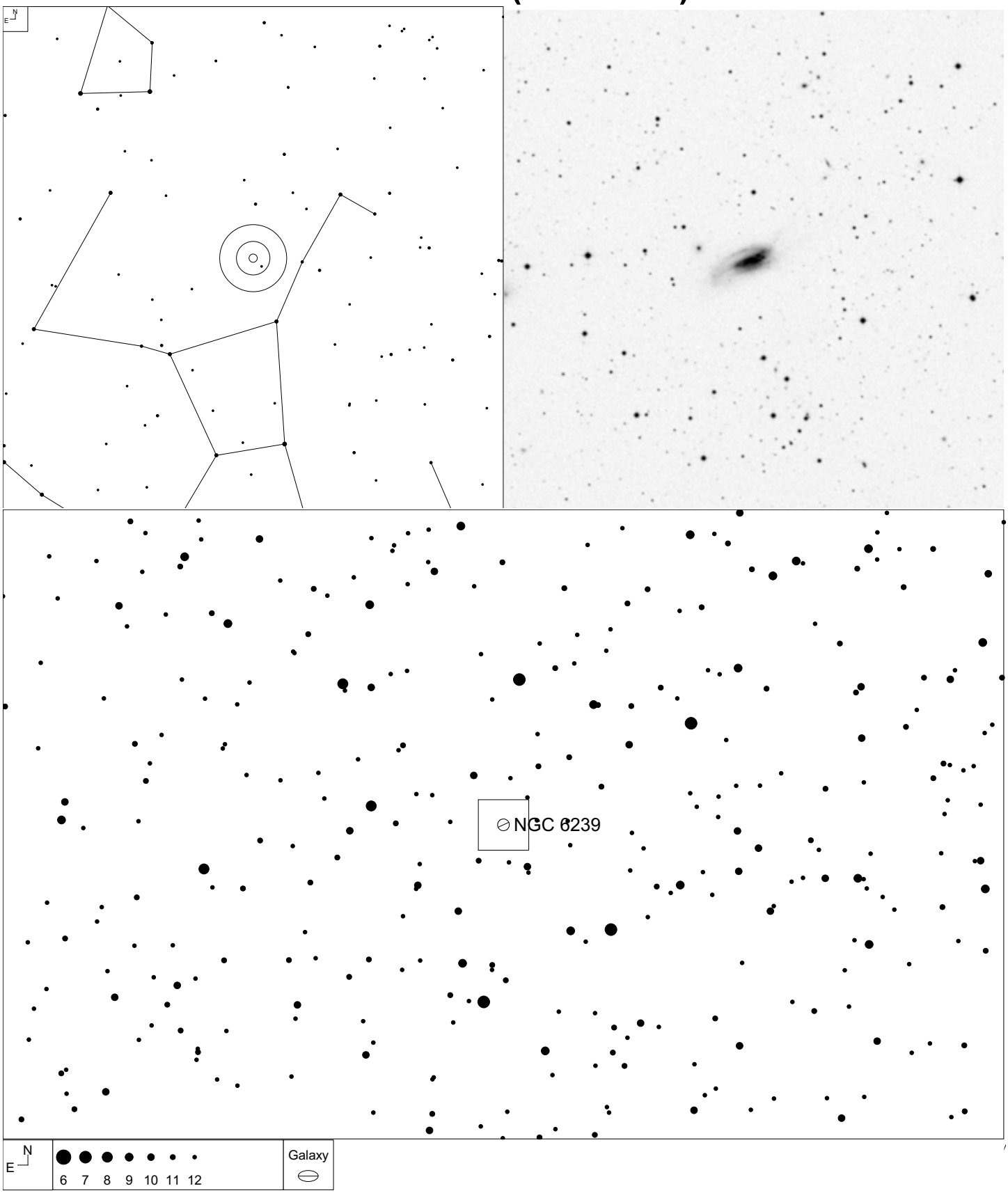
Herschel	RA	Dec	Mag	Size	Type
H II 690	16 26 08.5	+48 21 59	13.2p	1.3 x 0.8’	G S?

NGC 6166 (Hercules)



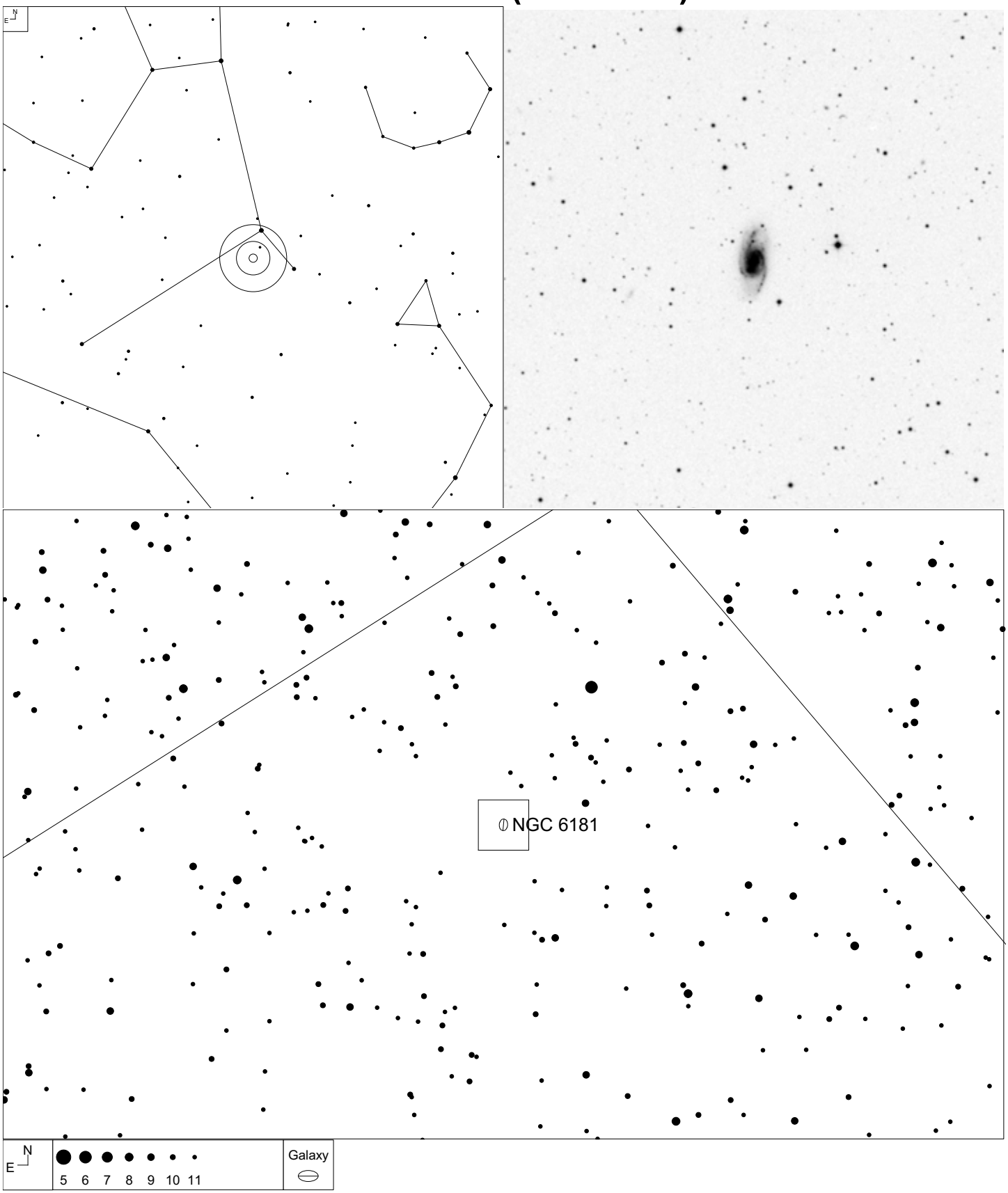
Herschel	RA	Dec	Mag	Size	Type
H II 875	16 28 38.4	+39 33 05	12.8b	2.2 x 1.5’	G cD/E

NGC 6239 (Hercules)



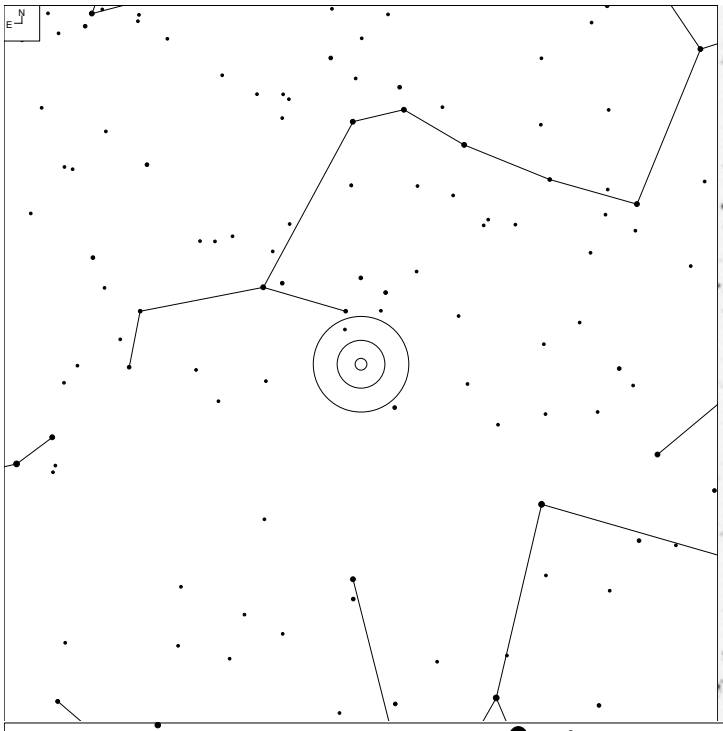
Herschel	RA	Dec	Mag	Size	Type
H III 727	16 50 05.6	+42 44 22	12.9b	3.3 x 1.2’	G SB(s)b pec?

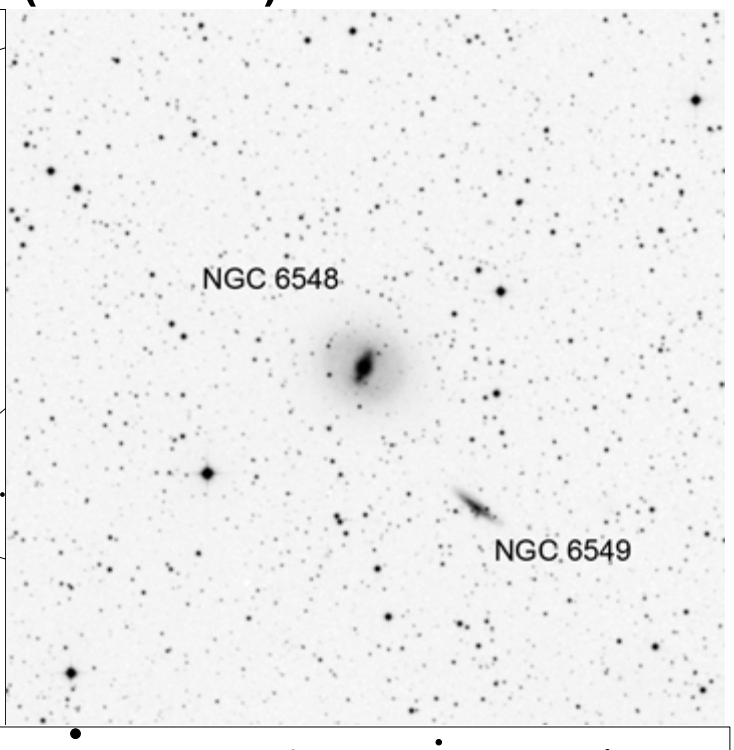
NGC 6181 (Hercules)

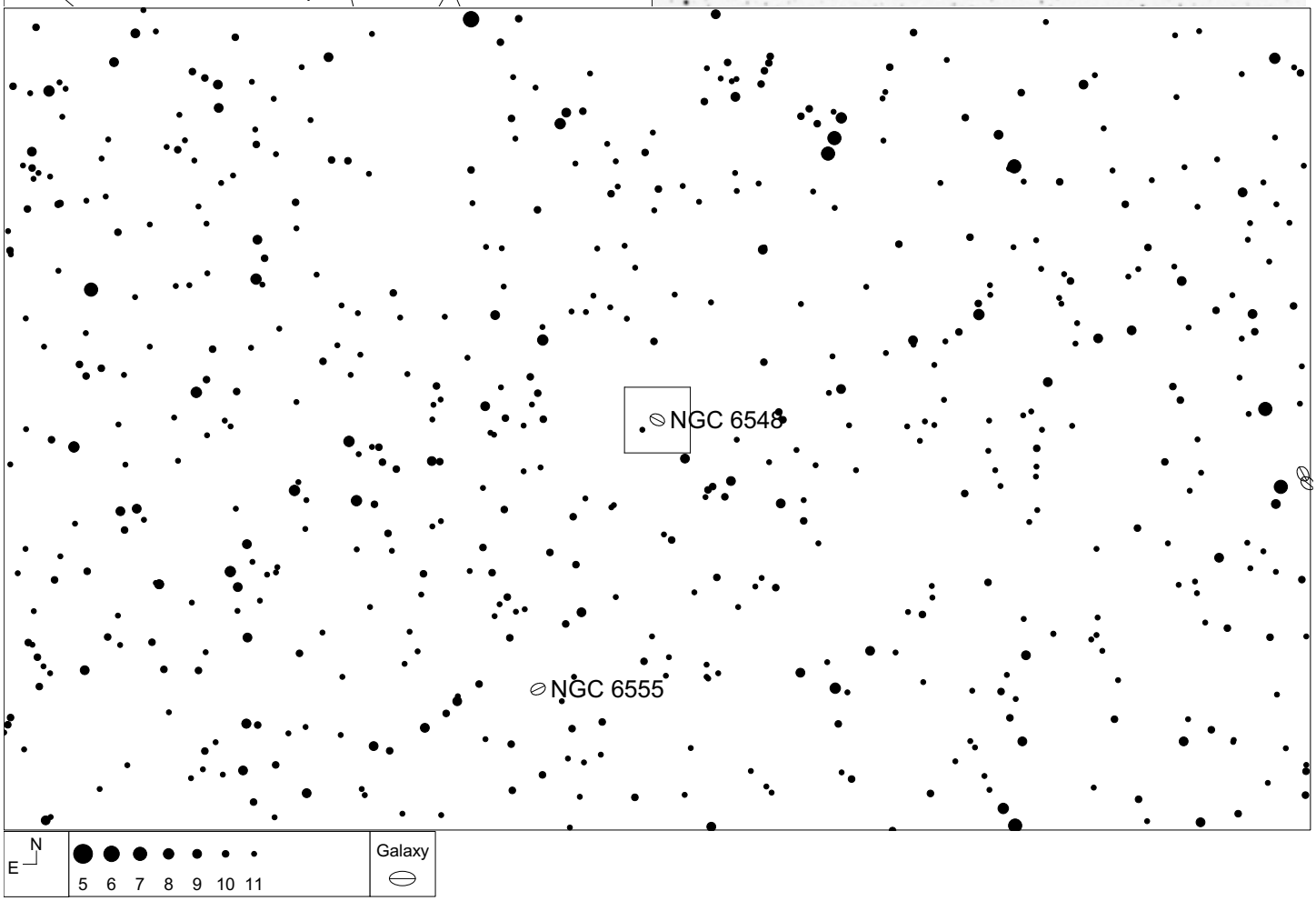


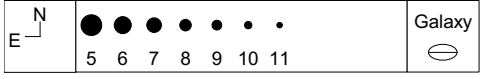
Herschel	RA	Dec	Mag	Size	Type
H II 753	16 32 21.2	+19 49 32	12.5b	2.5 x 1.1’	G SA(rs)c

NGC 6548 (Hercules)



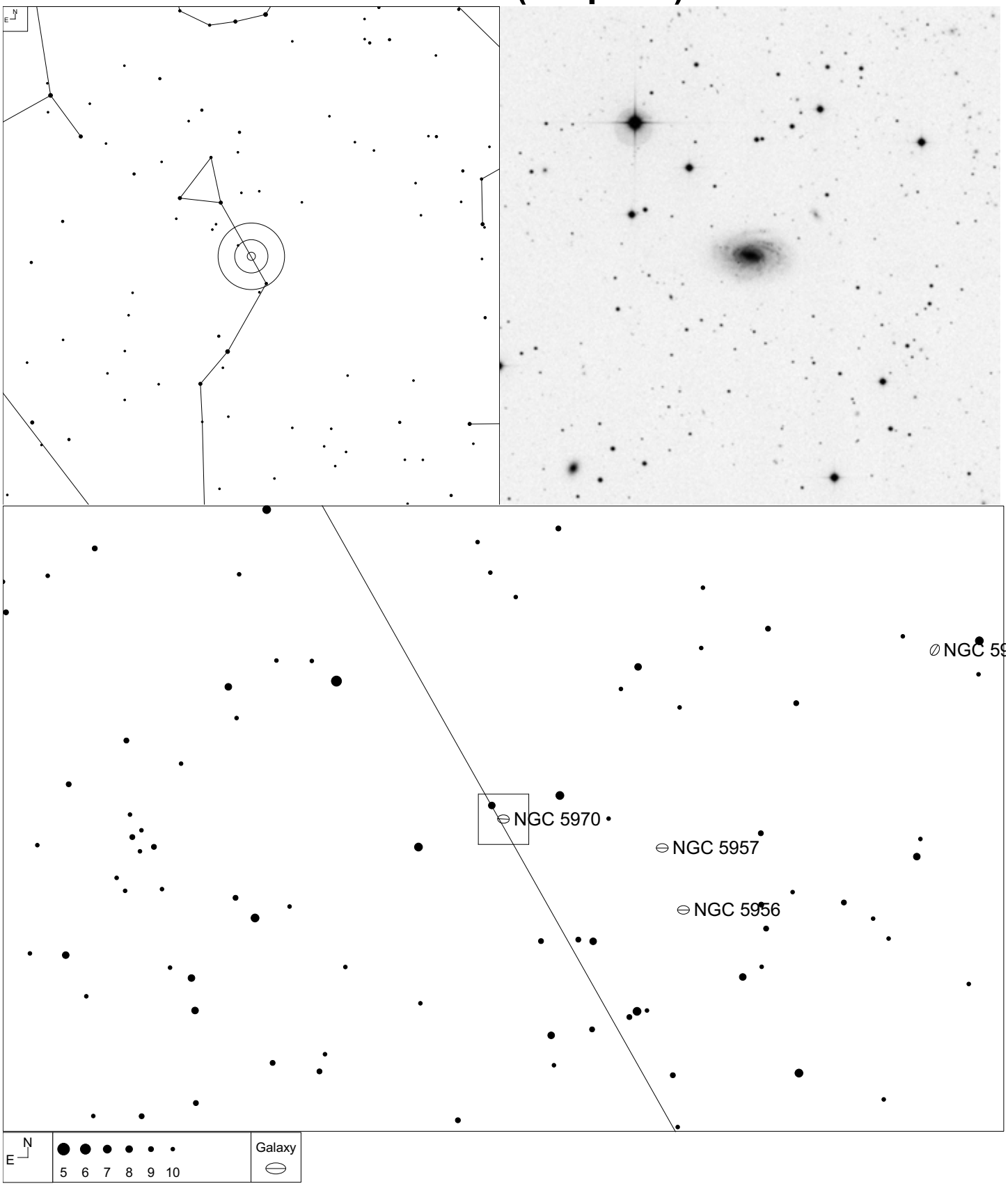






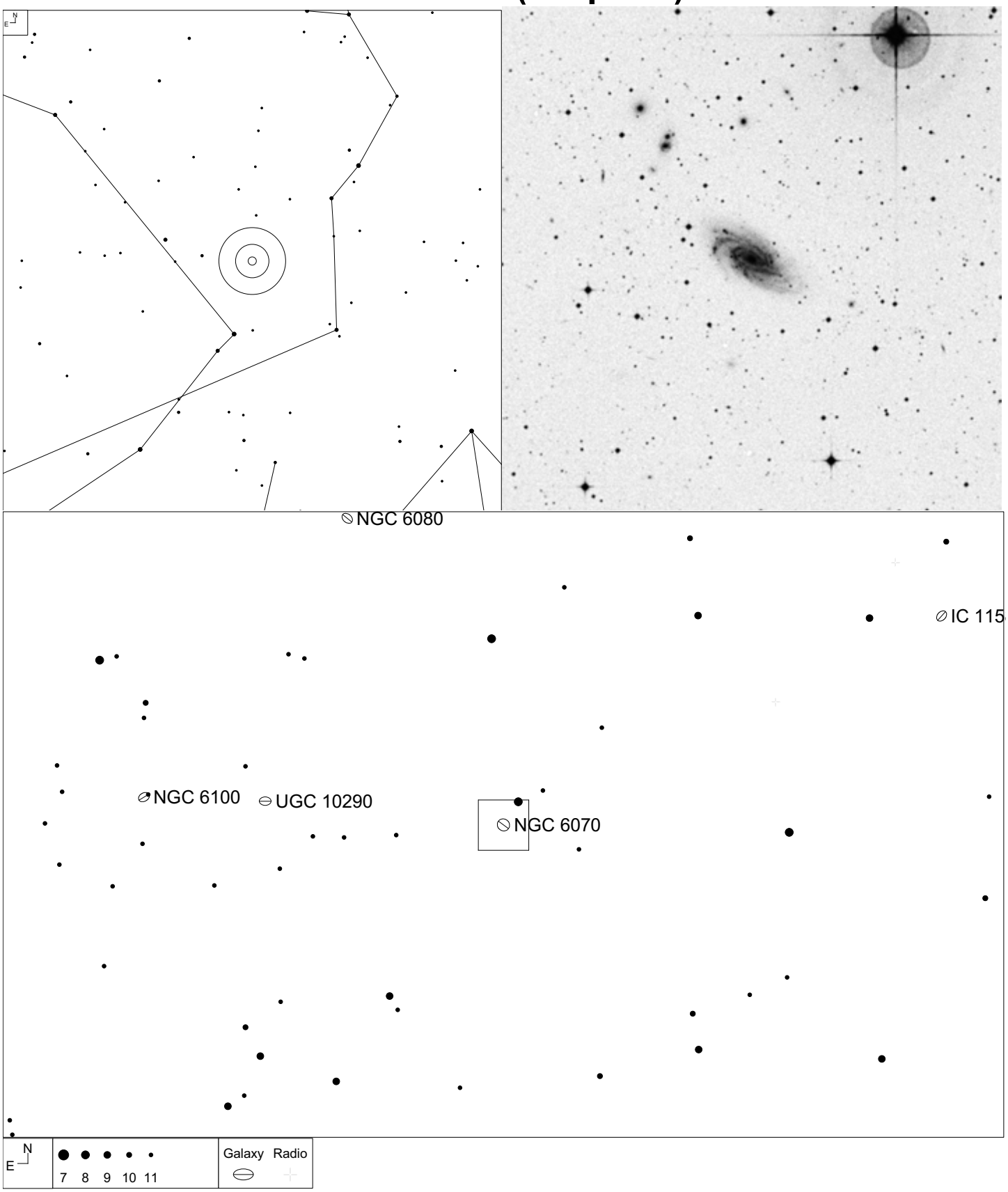
Herschel	RA	Dec	Mag	Size	Type
H III 555	18 05 59.1	+18 35 14	12.7b	2.9 x 2.7’	G SB0

NGC 5970 (Serpens)



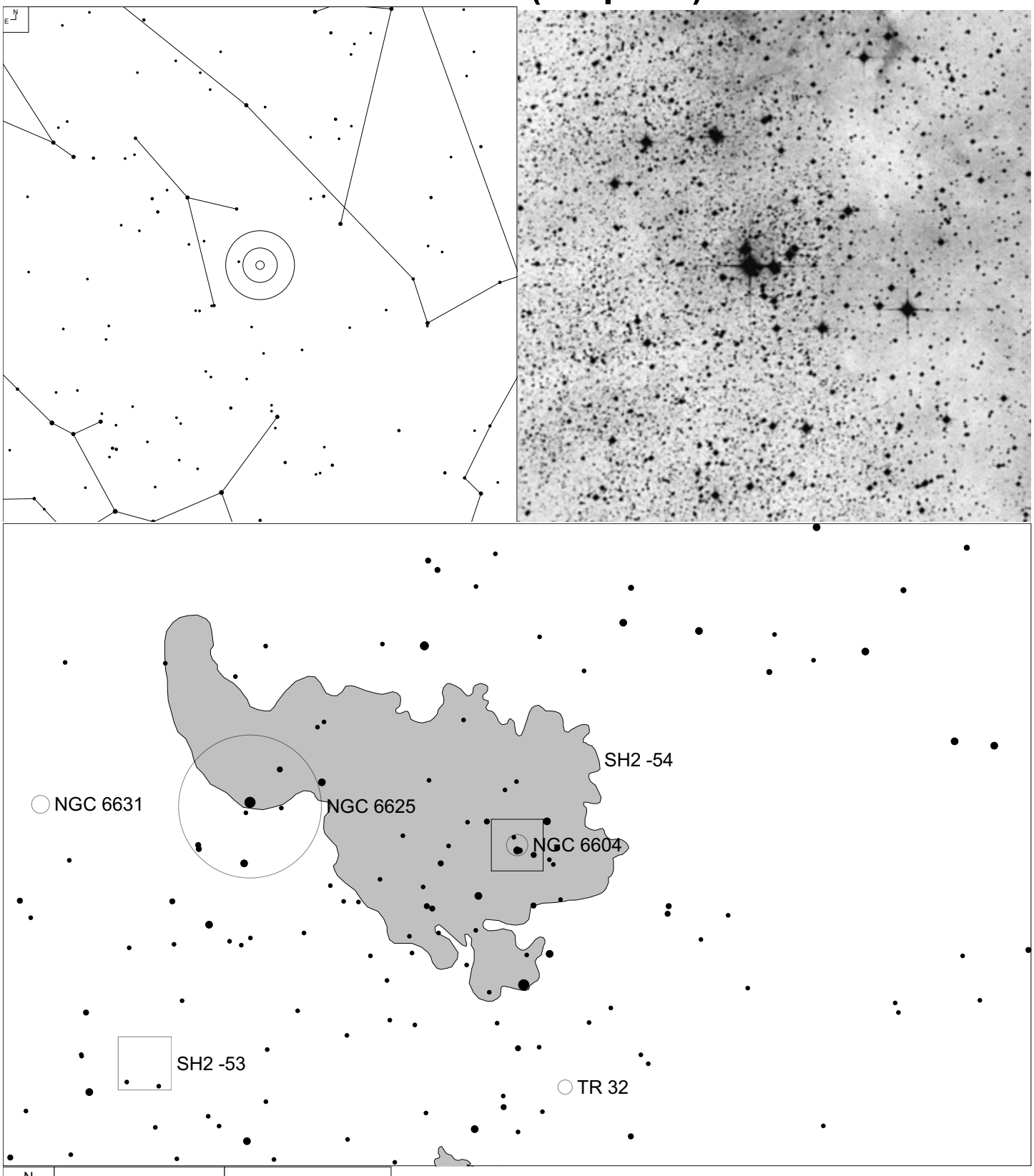
Herschel	RA	Dec	Mag	Size	Type
H II 76	15 38 30.1	+12 11 12	12.2b	2.9 x 1.9’	G SB(r)c

NGC 6070 (Serpens)



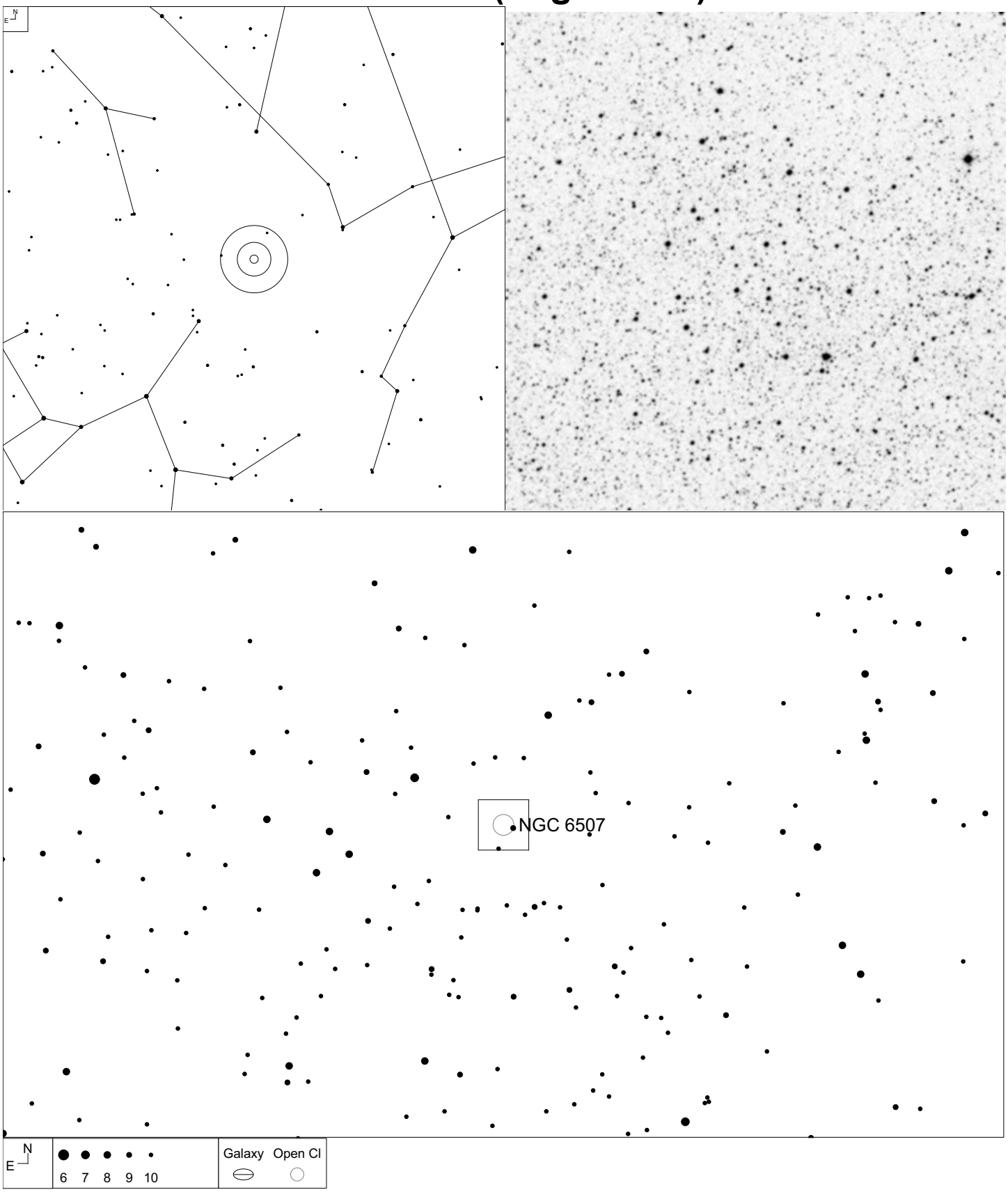
Herschel	RA	Dec	Mag	Size	Type
H III 553	16 09 58.6	+00 42 32	12.5b	3.5 x 1.8’	G SA(s)cd

NGC 6604 (Serpens)



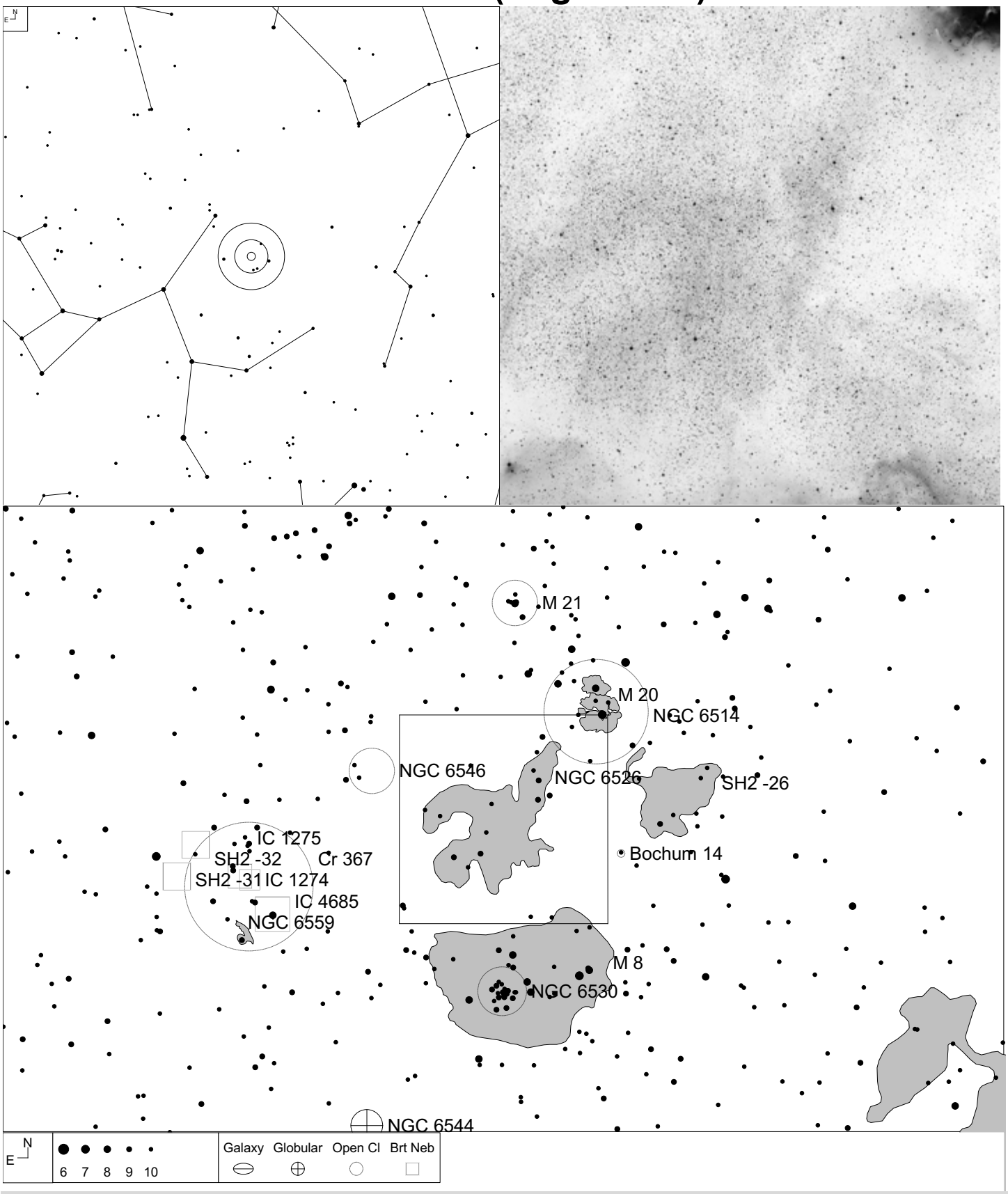
Herschel	RA	Dec	Mag	Size	Type
H VIII 15	18 18 03	-12 14 35	6.5	6’	OC I 3 m n

NGC 6507 (Sagittarius)



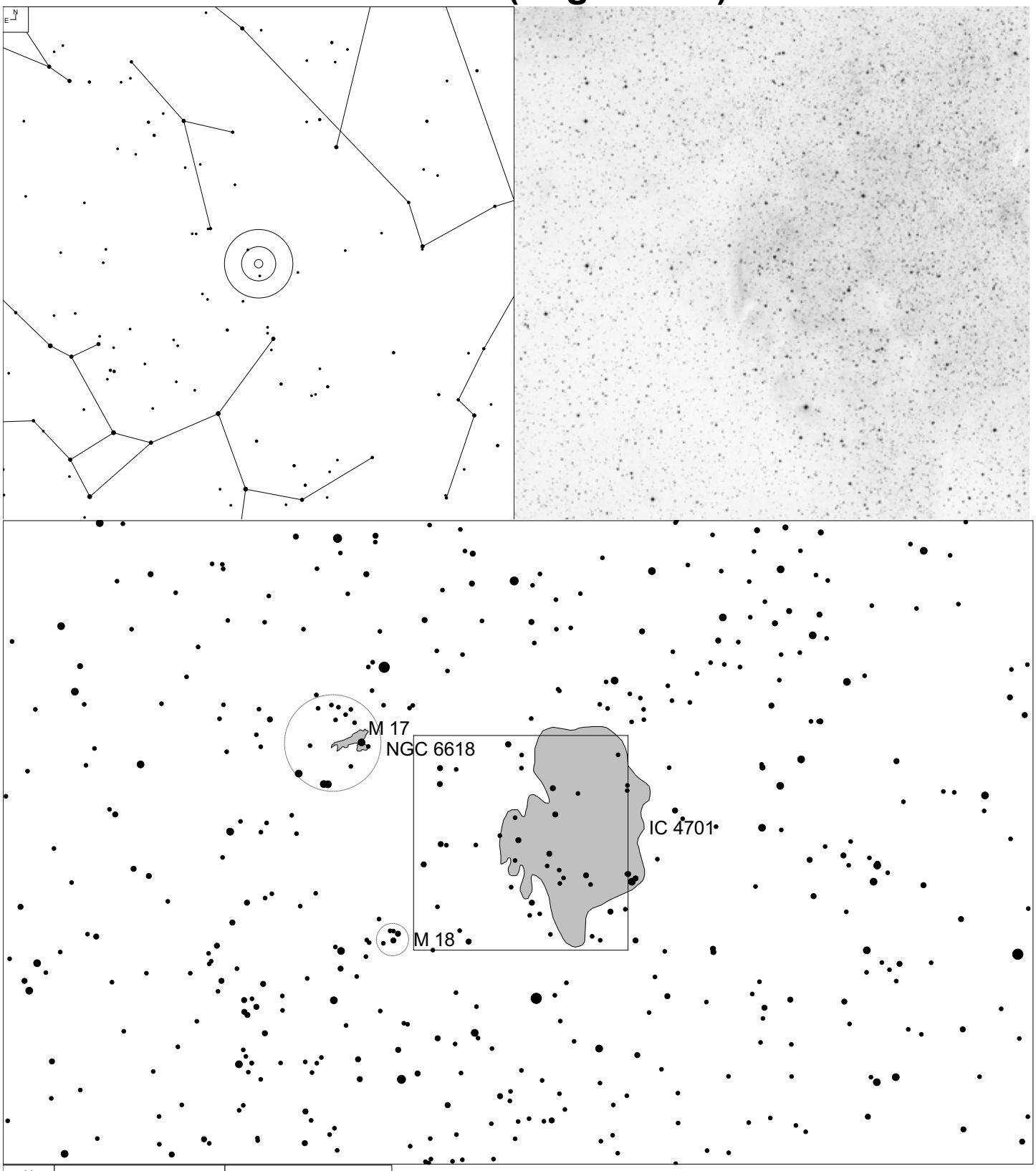
Herschel	RA	Dec	Mag	Size	Type
H VIII 53	17 59 50	-17 23 00	9.6	6’	OC IV 3 m

NGC 6526 (Sagittarius)



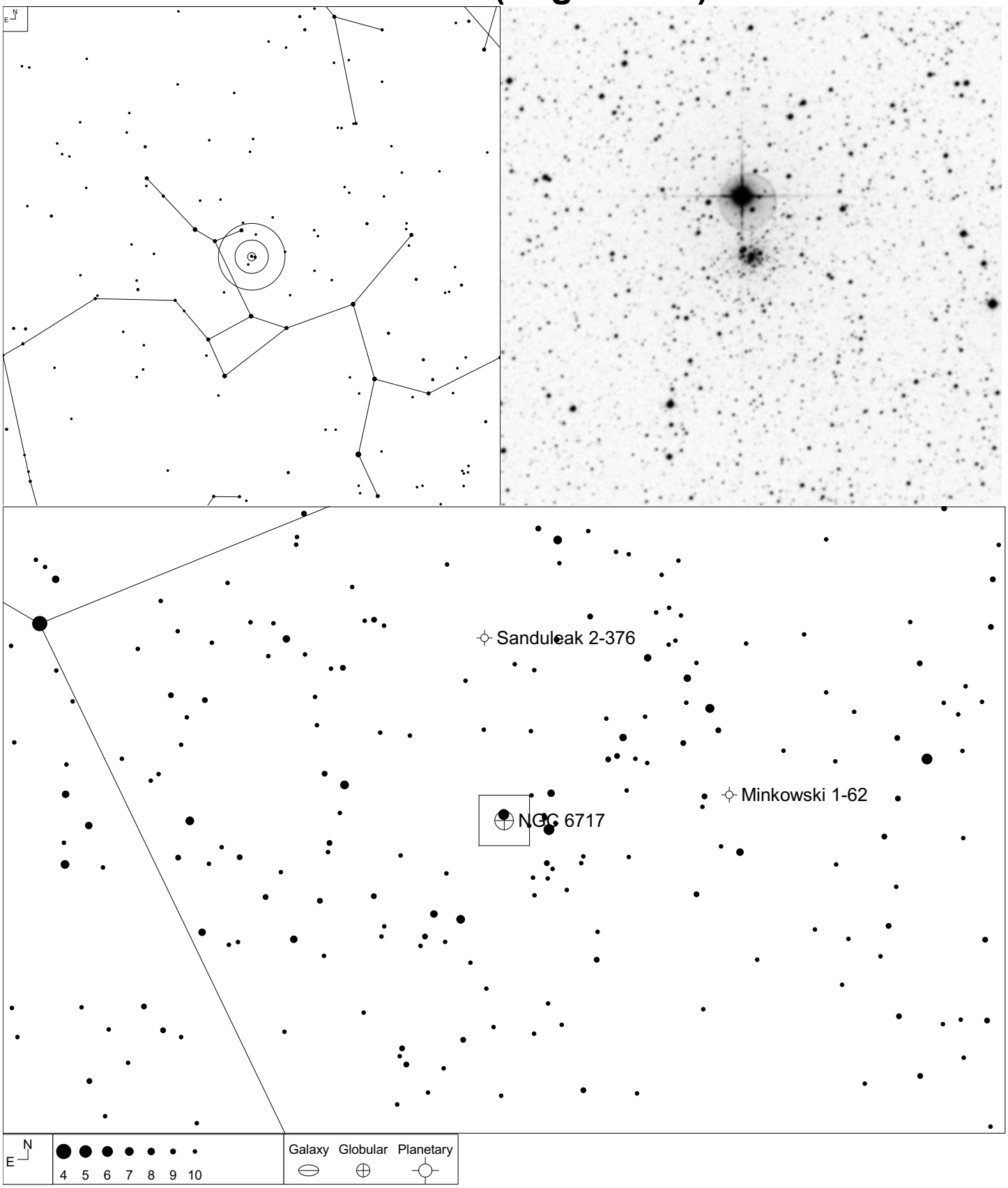
Herschel	RA	Dec	Mag	Size	Type
H V 9	18 04 27	-23 32 00	-	52 x 36’	EN

NGC 6596 (Sagittarius)



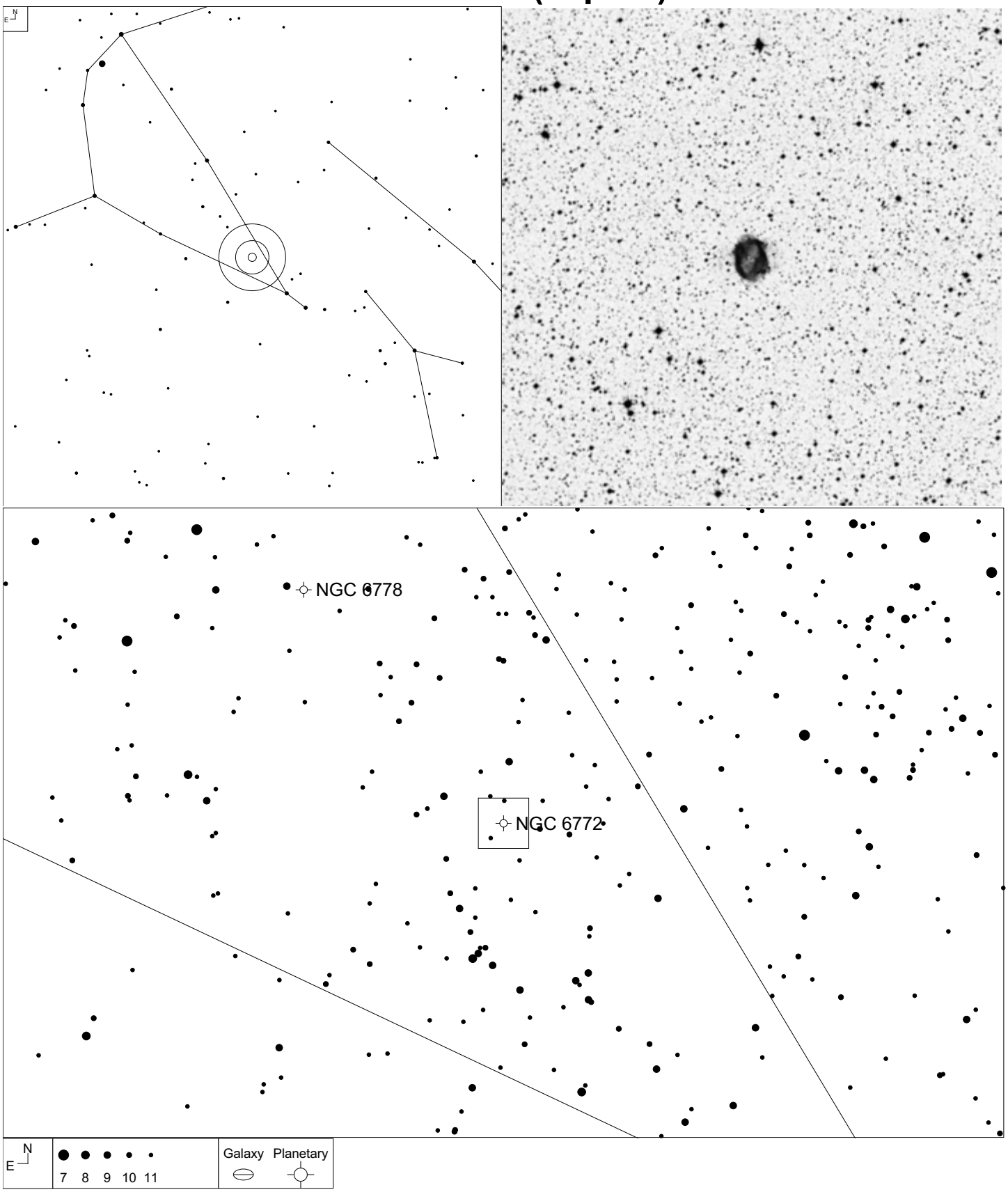
Herschel	RA	Dec	Mag	Size	Type
H VIII 55	18 17 33	-16 39 00		10.0’	OC III 2 m

NGC 6717 (Sagittarius)



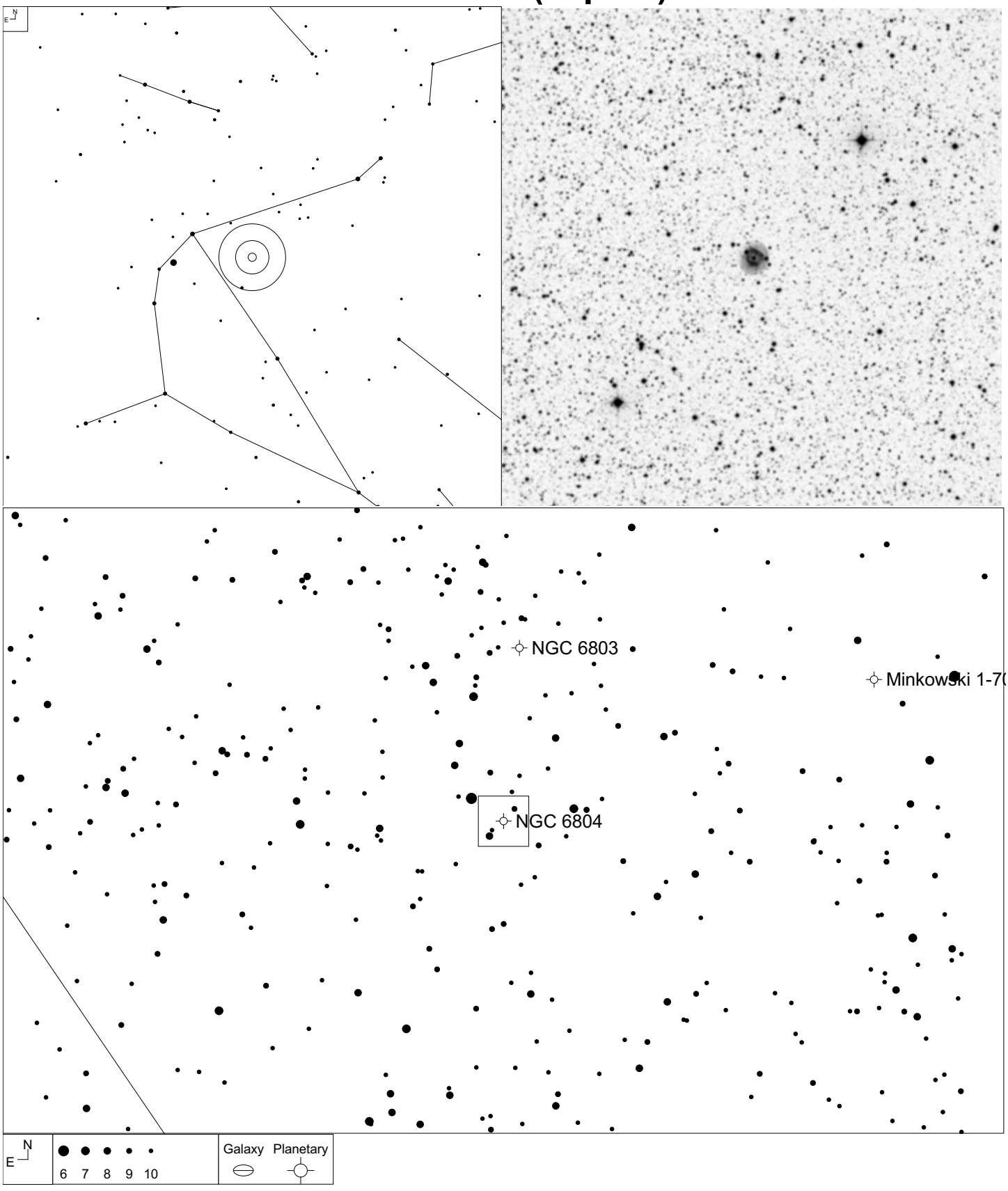
Herschel	RA	Dec	Mag	Size	Type
H III 143	18 55 060	-22 42 06	8.4	5.4’	GC Class VIII

NGC 6772 (Aqila)



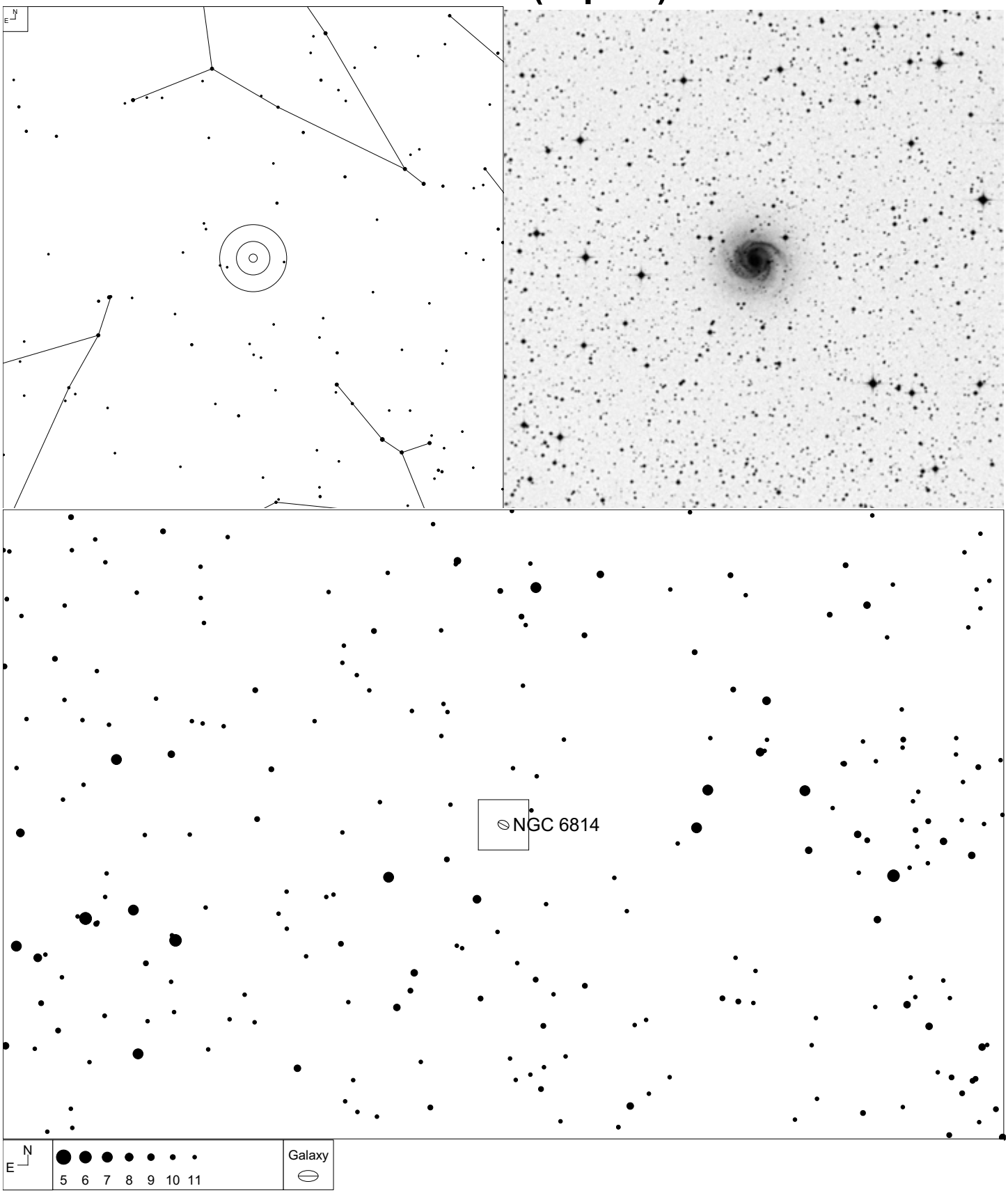
Herschel	RA	Dec	Mag	Size	Type
H IV 14	19 14 36.2	-02 42 24	14.2p	84”	PN 3b + 2

NGC 6804 (Aqila)



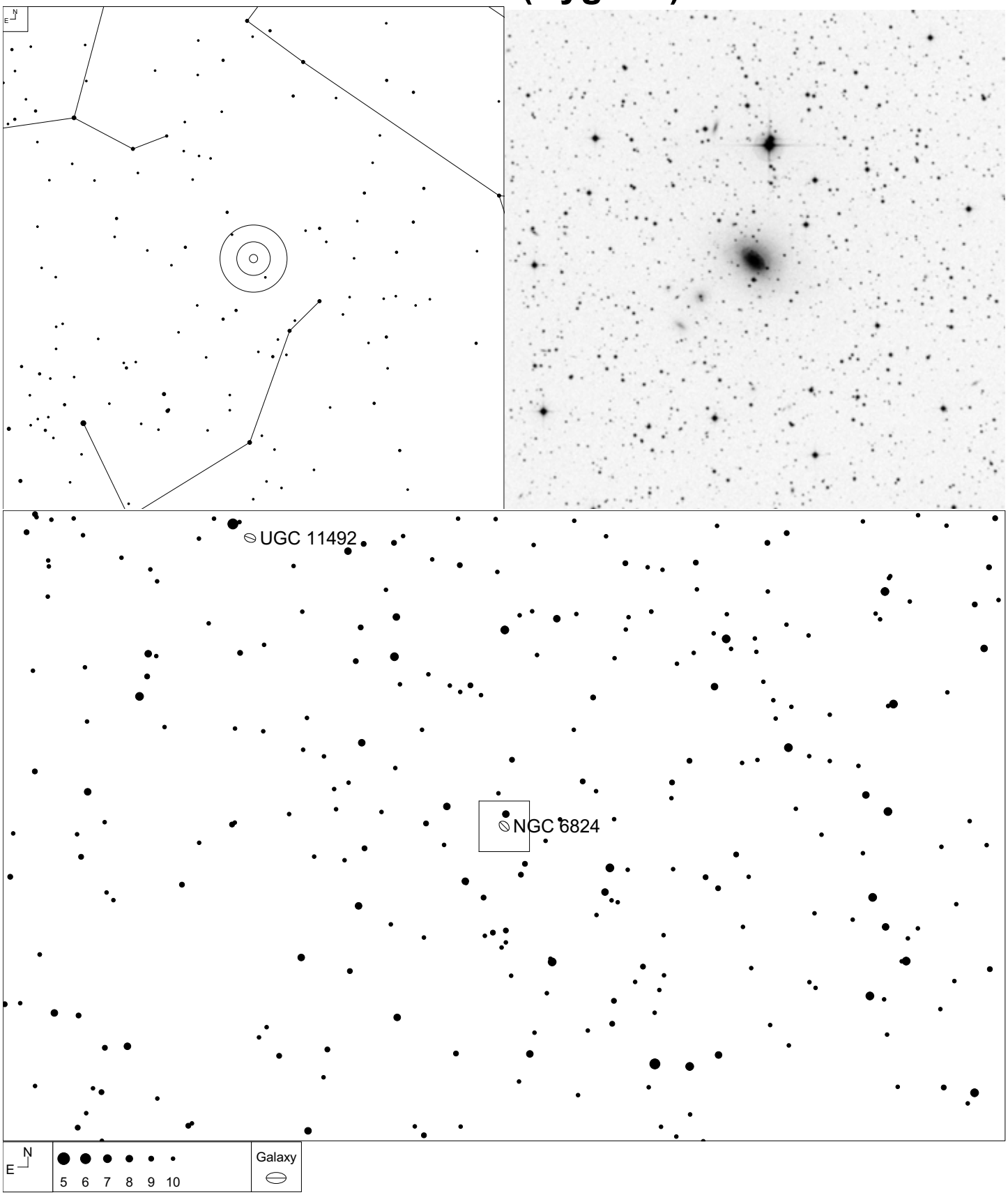
Herschel	RA	Dec	Mag	Size	Type
H VI 38	19 31 35.3	+09 13 31	12.2p	35”	PN 4 + 2

NGC 6814 (Aqila)



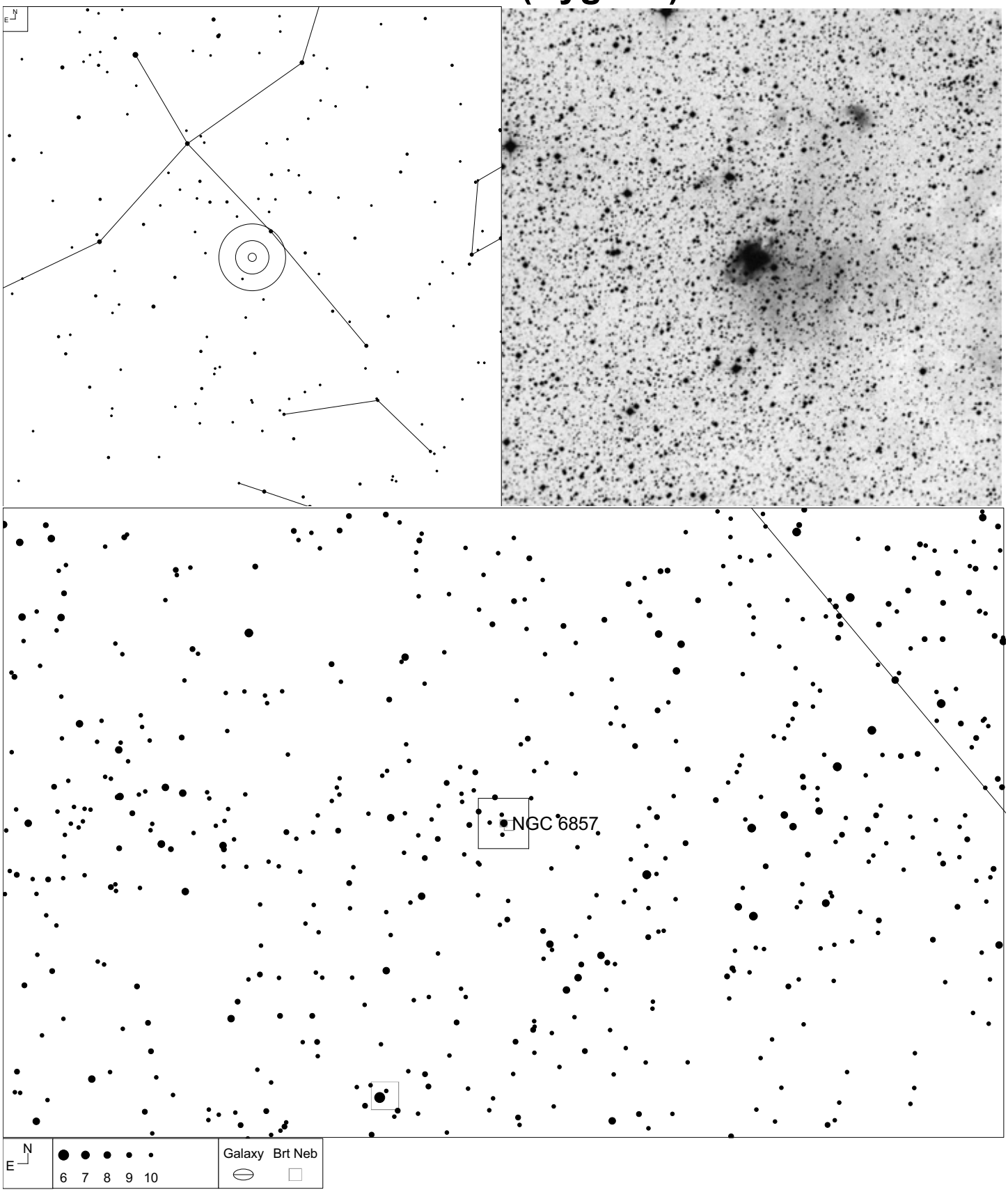
Herschel	RA	Dec	Mag	Size	Type
H III 744	19 42 40.6	-10 19 23	12.1b	3.0 x 2.7’	G SAB(rs)bc

NGC 6824 (Cygnus)



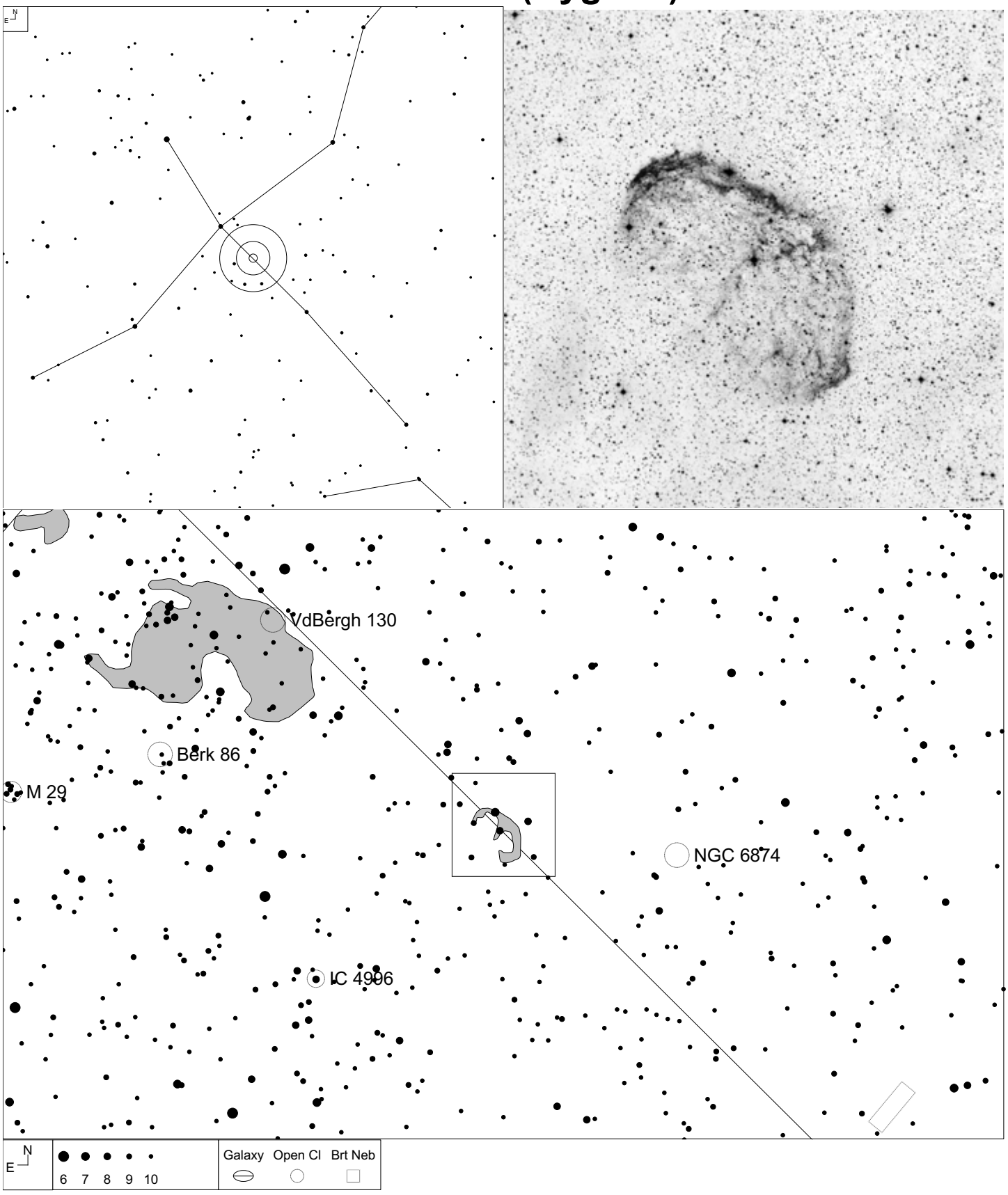
Herschel	RA	Dec	Mag	Size	Type
H II 878	19 43 40.9	+56 06 33	13.0b	1.9 x 1.5’	G SA(s)b:

NGC 6857 (Cygnus)



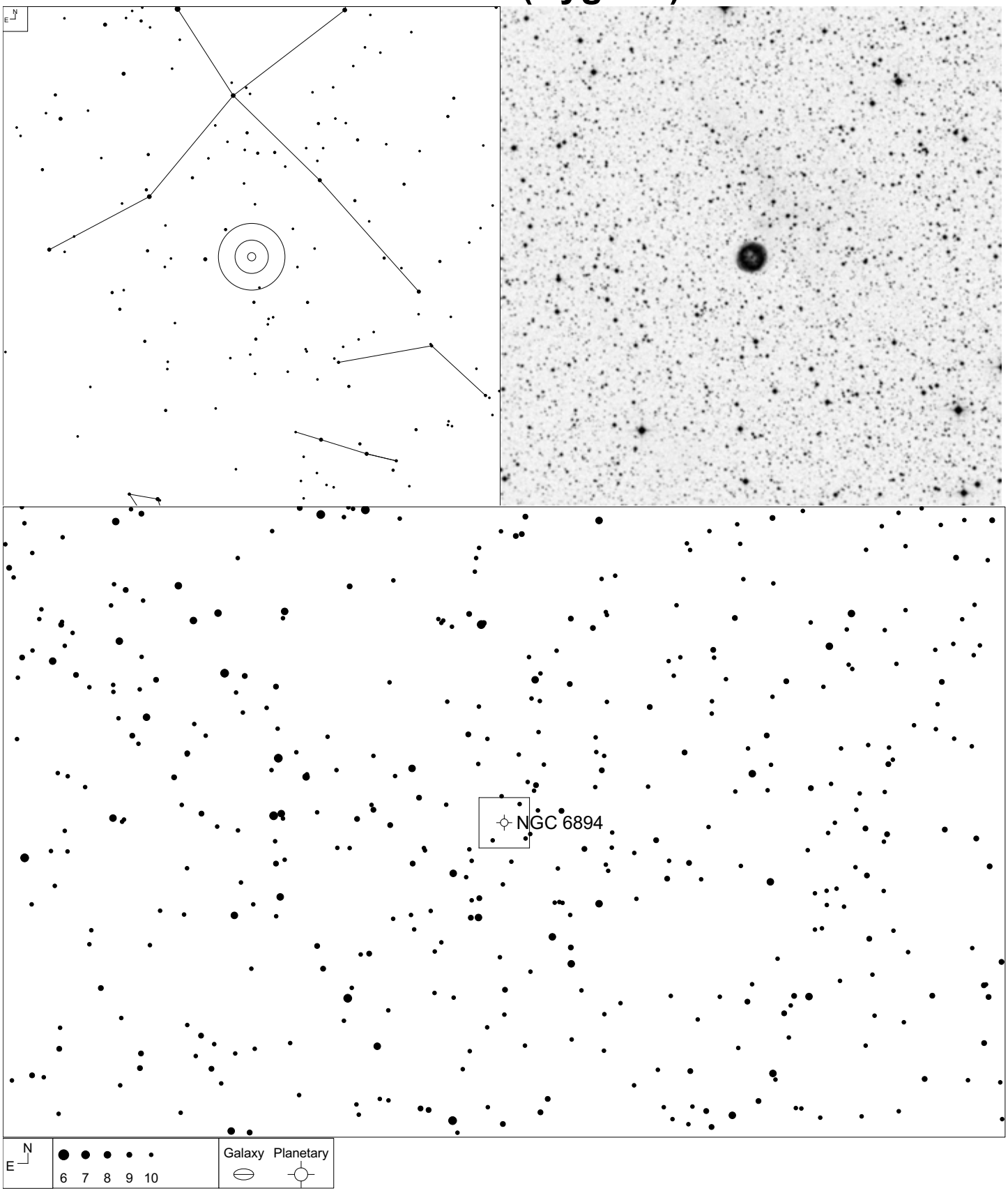
Herschel	RA	Dec	Mag	Size	Type
H III 144	20 01 47.6	+33 31 38	11.4p	38”	EN

NGC 6888 (Cygnus)



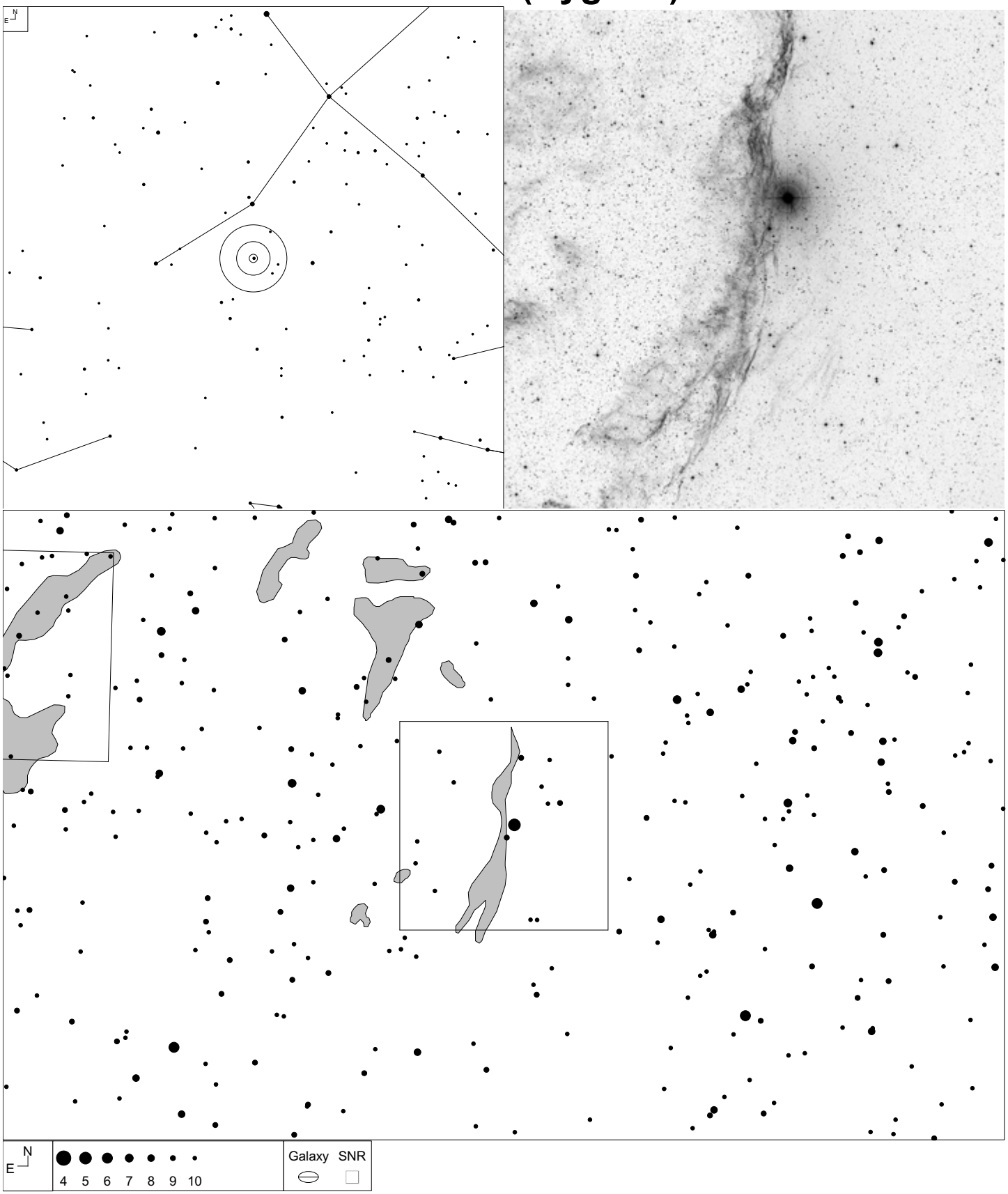
Herschel	RA	Dec	Mag	Size	Type
H IV 72	20 12 01.0	+38 23 00	7.4b	18 x 8’	EN W-R Ring

NGC 6894 (Cygnus)



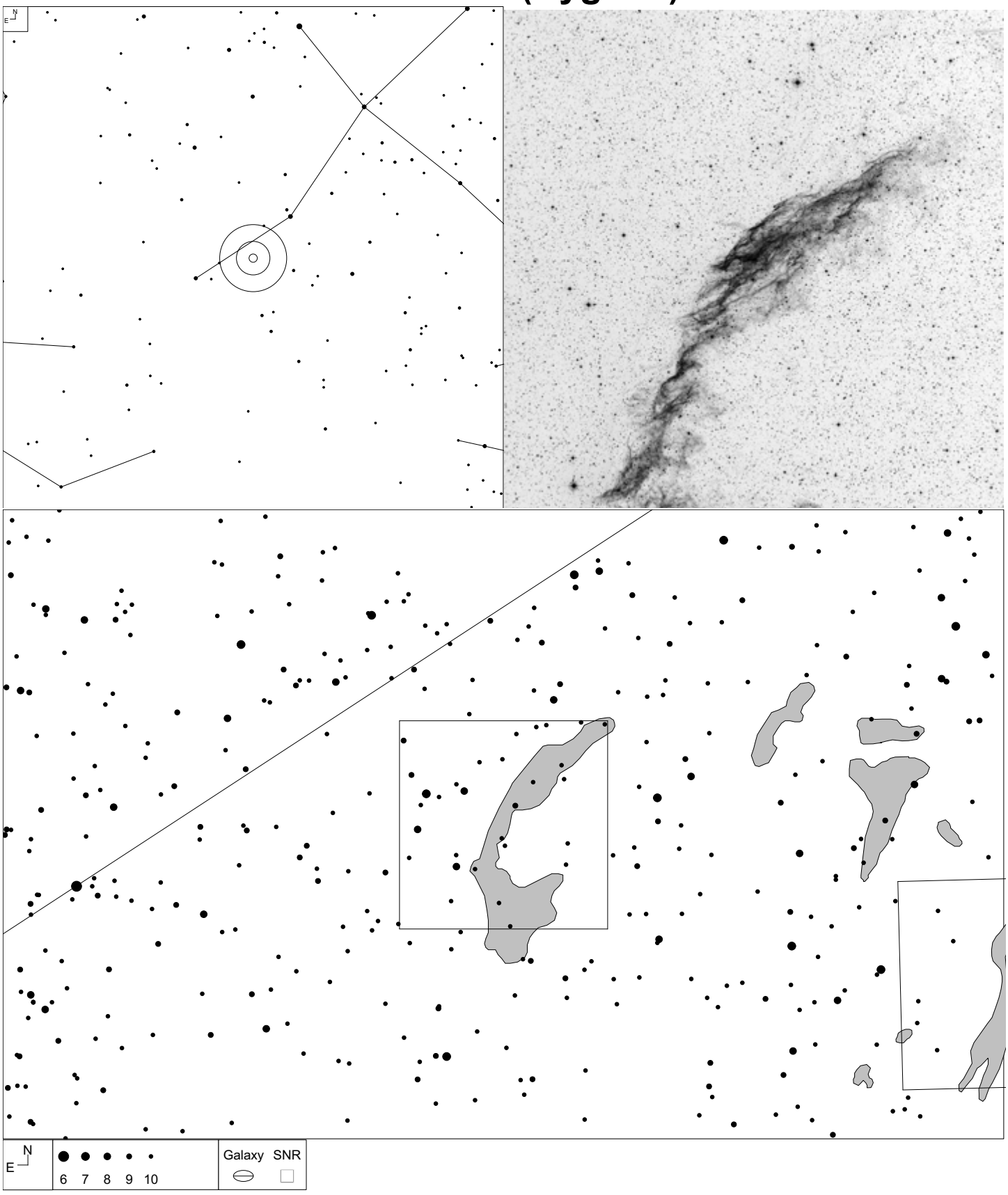
Herschel	RA	Dec	Mag	Size	Type
H IV 13	20 16 23.9	+30 33 55	14.4p	60”	PN 4 + 2

NGC 6960 (Cygnus)



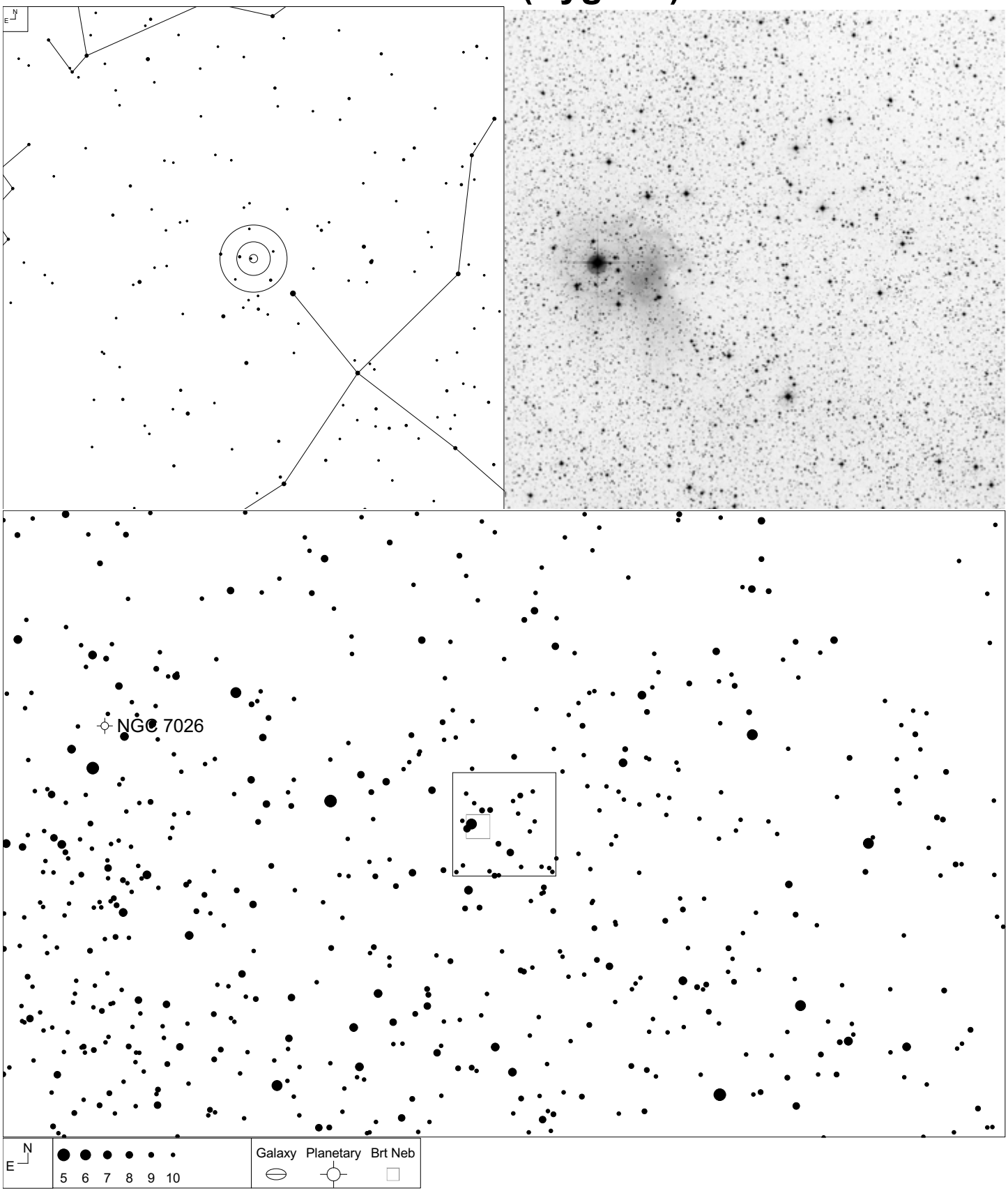
Herschel	RA	Dec	Mag	Size	Type
H V 15	20 45 58	+30 43 00		70 x 6’	SNR

NGC 6992 (Cygnus)



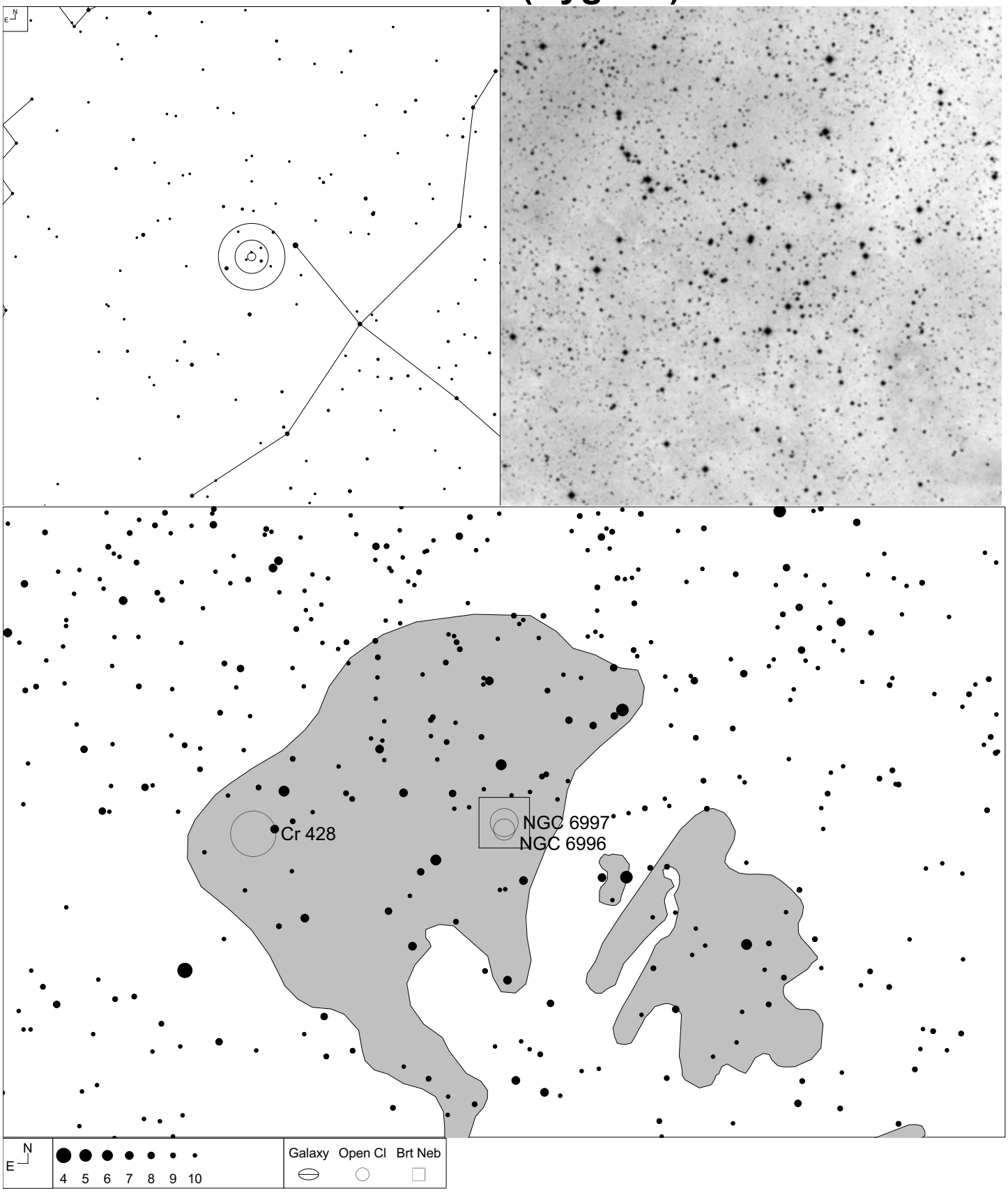
Herschel	RA	Dec	Mag	Size	Type
H V 14	20 56 19	+31 30 00		60 x 8’	SNR

NGC 6991 (Cygnus)



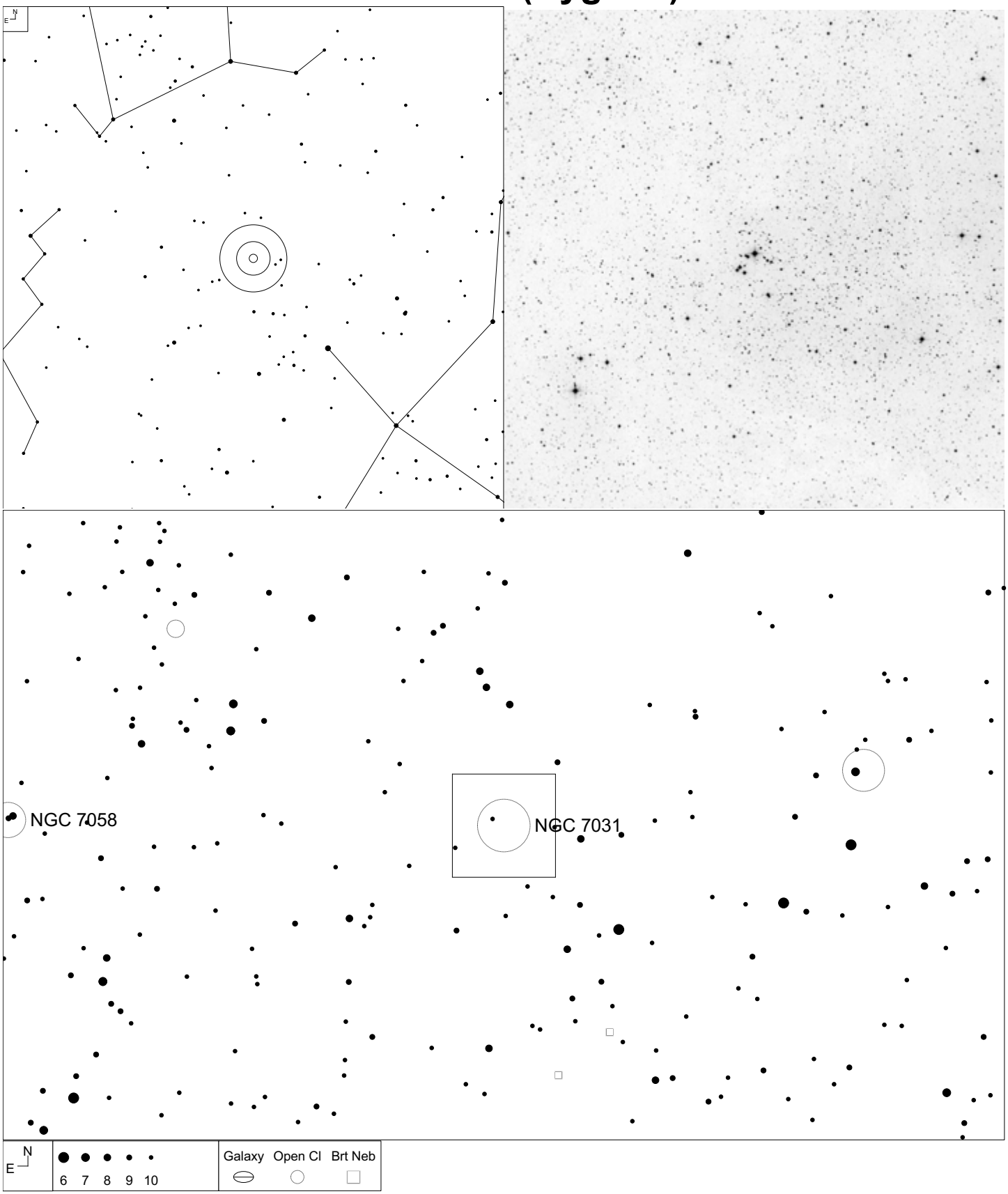
Herschel	RA	Dec	Mag	Size	Type
H VIII 76	20 54 56	+47 25 00		25’	OC III 2 m n

NGC 6997 (Cygnus)



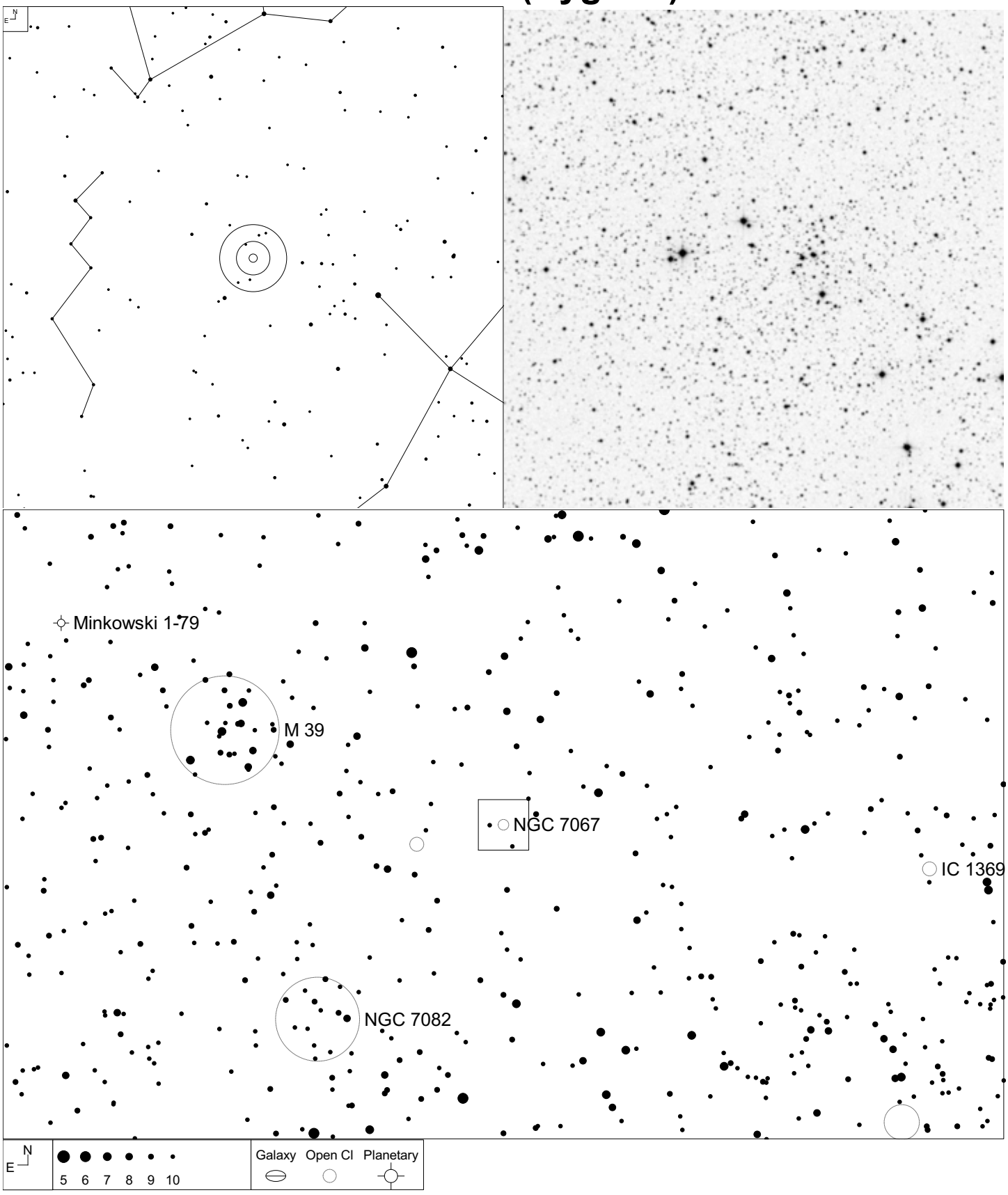
Herschel	RA	Dec	Mag	Size	Type
H VIII 58	20 56 39	+44 39 00	10.0	8’	OC III 2 m n

NGC 7031 (Cygnus)



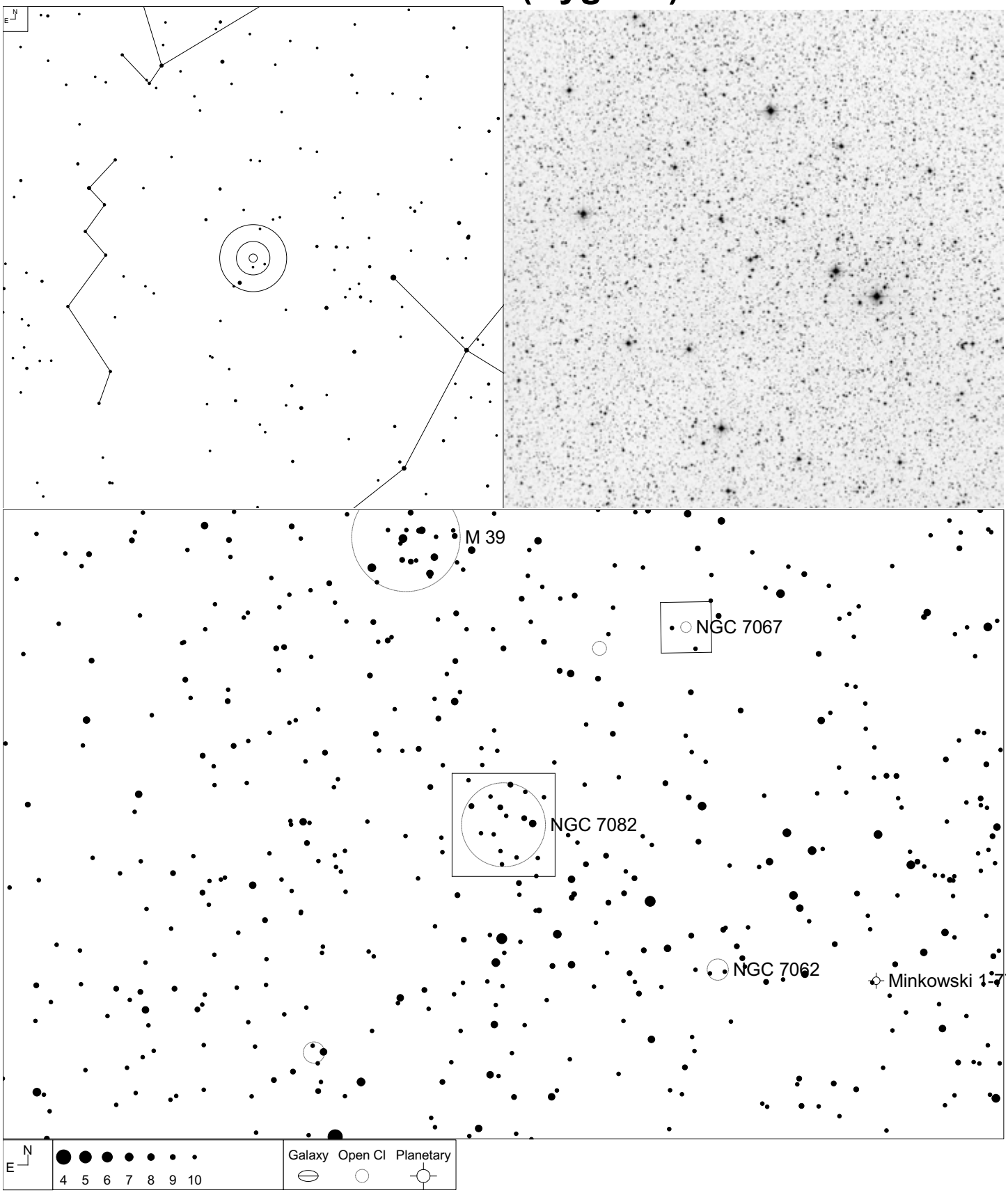
Herschel	RA	Dec	Mag	Size	Type
H VIII 74	21 07 12	+50 51 00	9.1	15’	OC III 2 m

NGC 7067 (Cygnus)



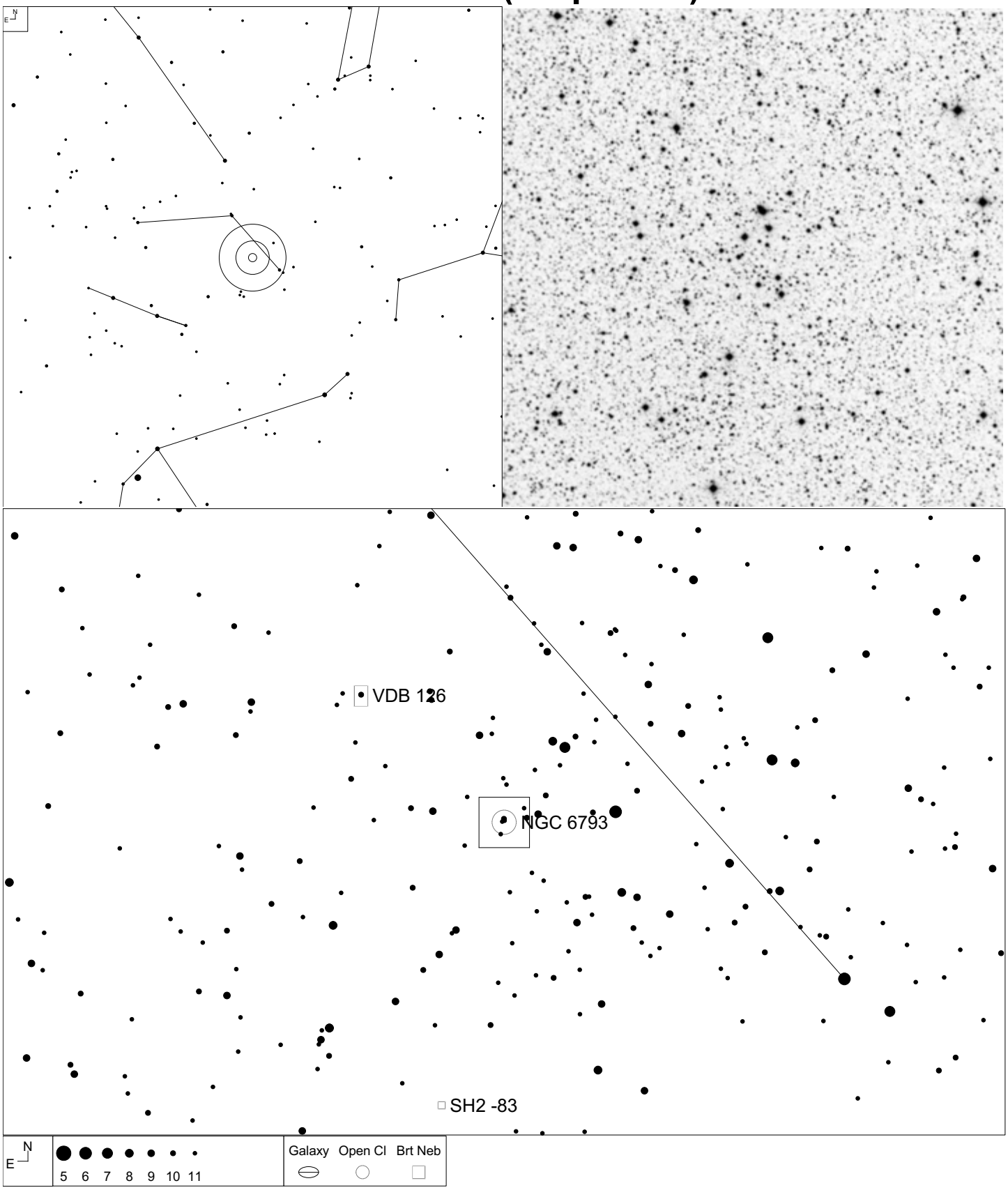
Herschel	RA	Dec	Mag	Size	Type
H VII 50	21 24 23	+48 01 00	9.7	3’	OC II 1 p

NGC 7082 (Cygnus)



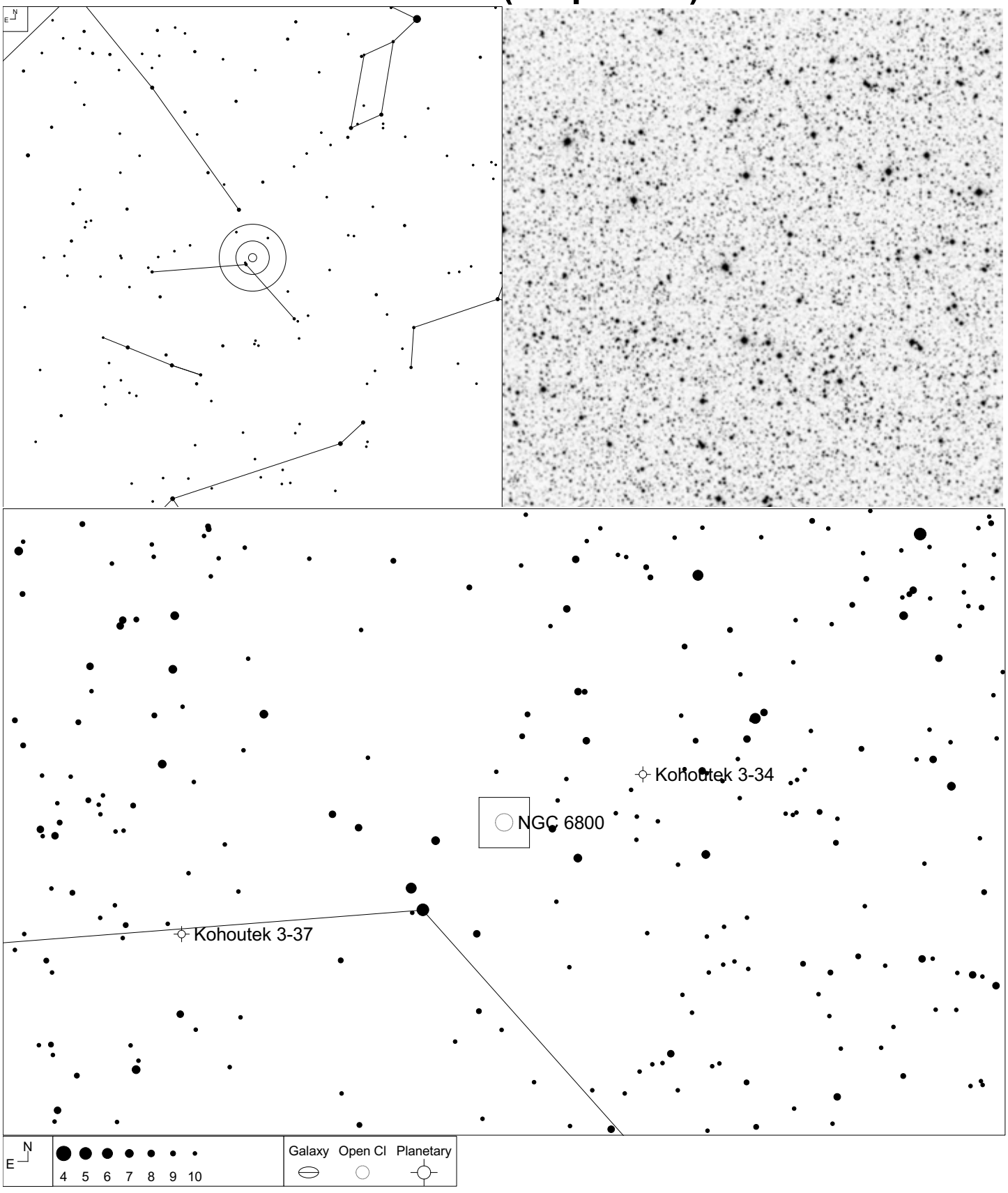
Herschel	RA	Dec	Mag	Size	Type
H VII 52	21 29 17	+47 05 00	7.2	24’	OC IV 2 p

NGC 6793 (Vulpecula)



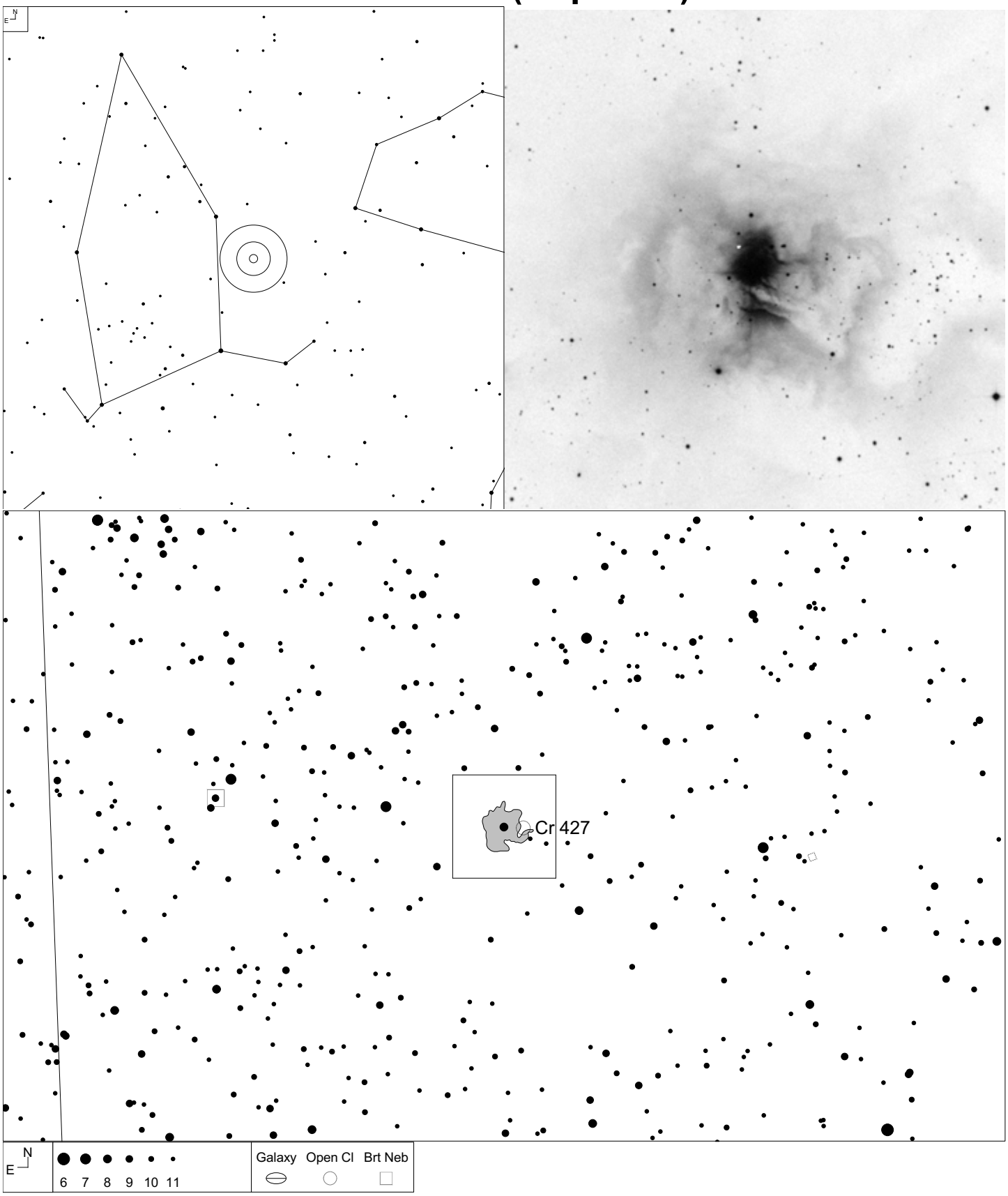
Herschel	RA	Dec	Mag	Size	Type
H VIII 81	19 23 14	+22 08 55	-	7’	OC III 2 p

NGC 6800 (Vulpecula)



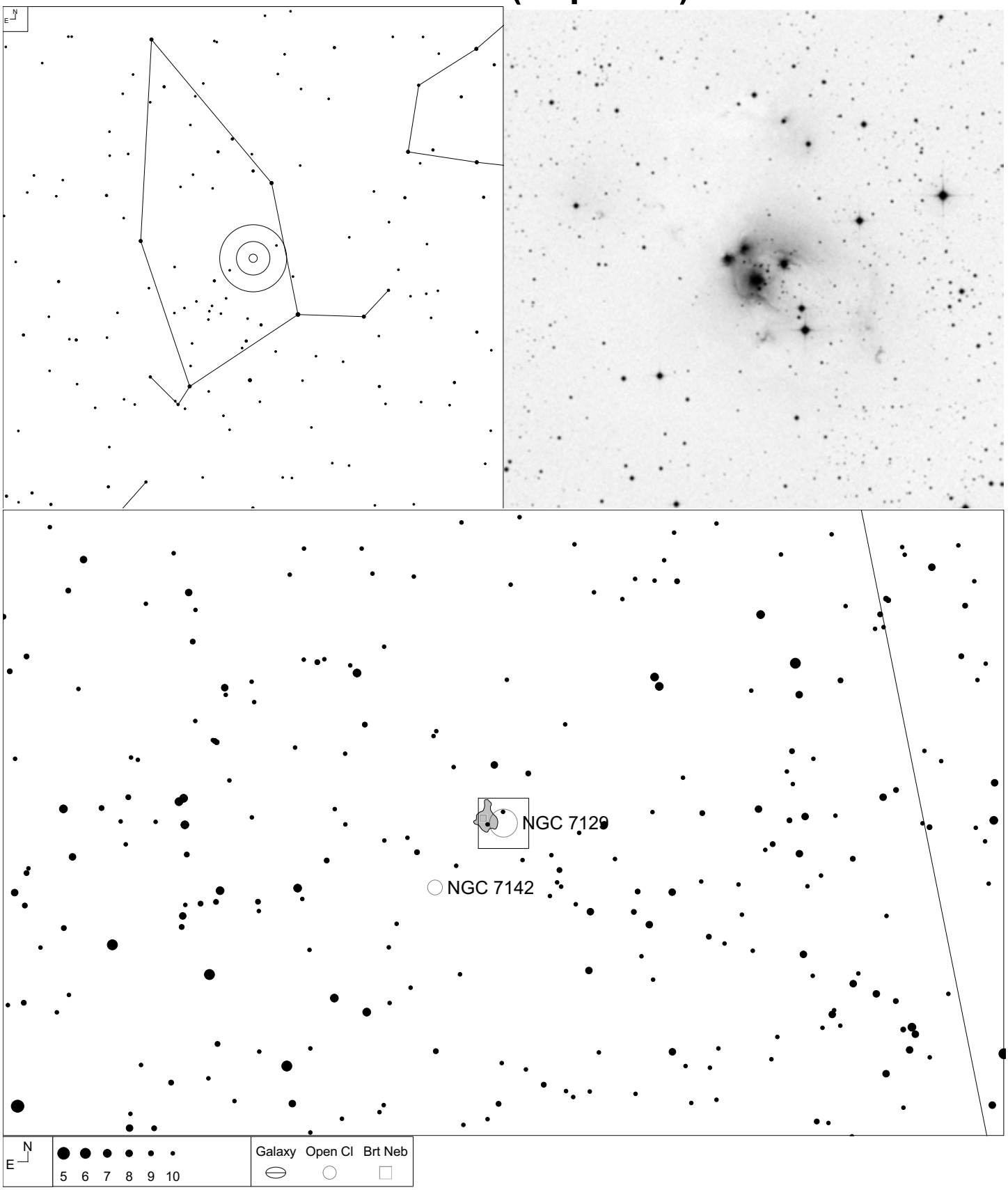
Herschel	RA	Dec	Mag	Size	Type
H VIII 21	19 27 07	+25 05 03	-	5’	OC IV 1 p

NGC 7023 (Cepheus)



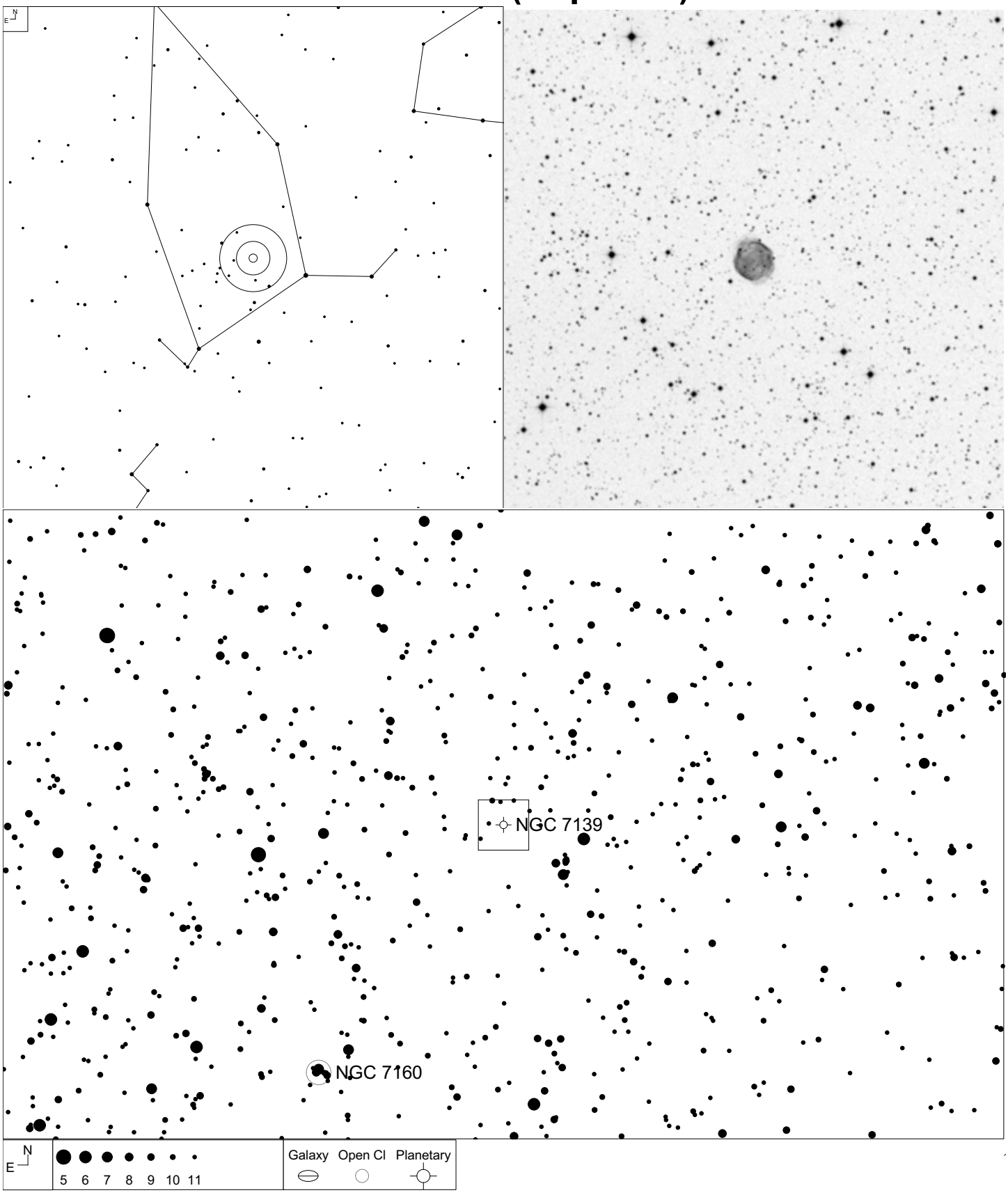
Herschel	RA	Dec	Mag	Size	Type
H IV 74	21 01 36	+68 10 00	7.2b	14’	RN

NGC 7129 (Cepheus)



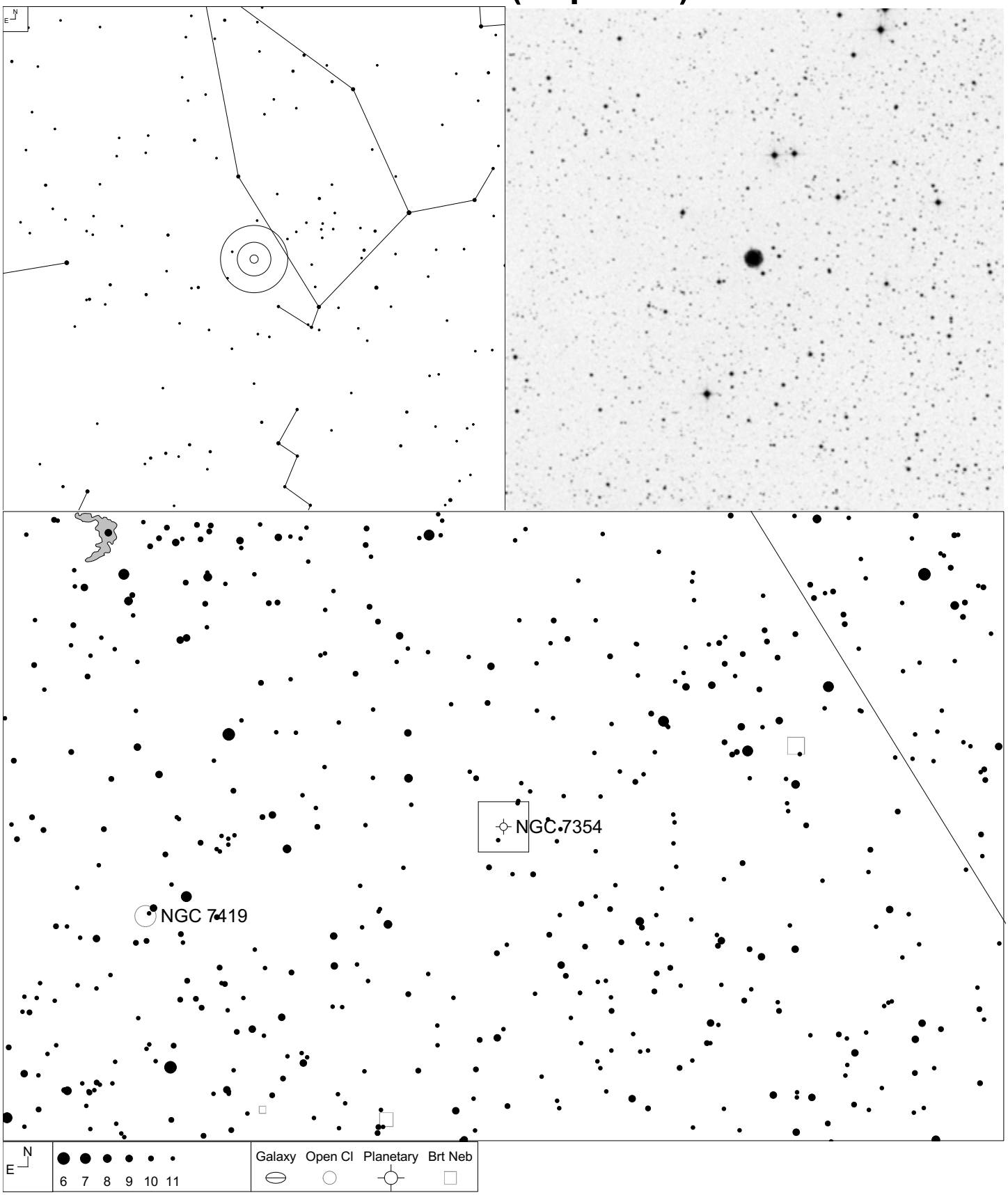
Herschel	RA	Dec	Mag	Size	Type
H IV 75	21 42 59	+66 05 00	11.5b	8’	OC IV 2 p n

NGC 7139 (Cepheus)



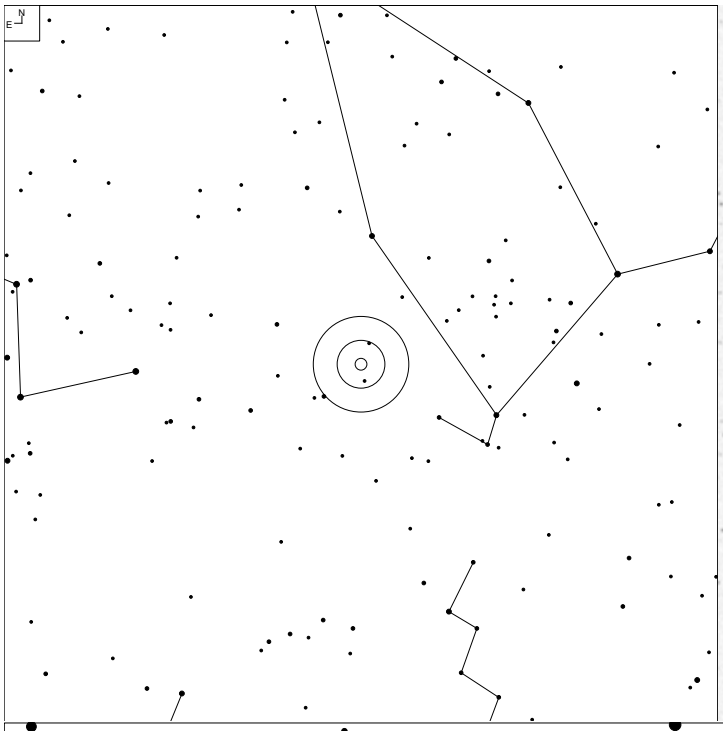
Herschel	RA	Dec	Mag	Size	Type
H III 696	21 46 08.6	+63 47 29	13.3p	77”	PN 3b

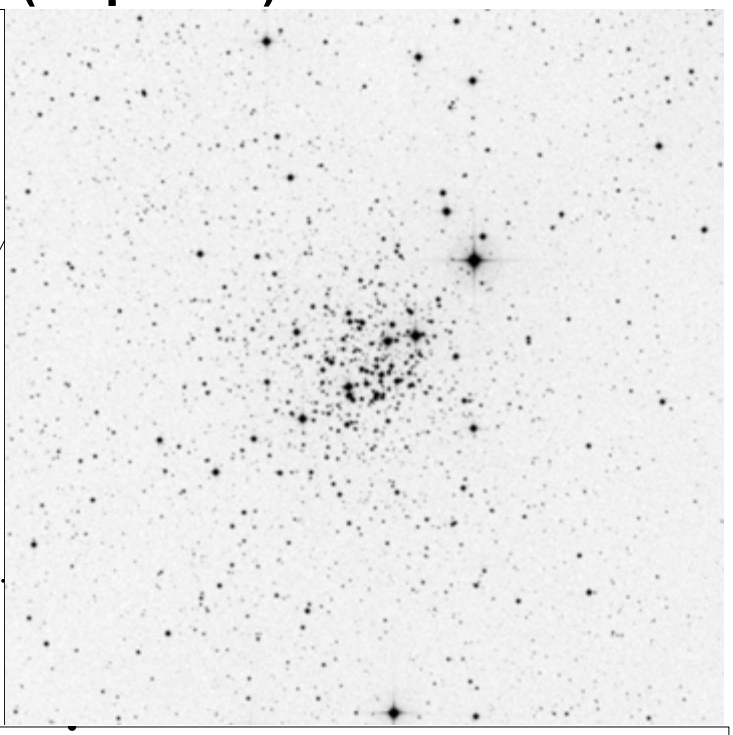
NGC 7354 (Cepheus)

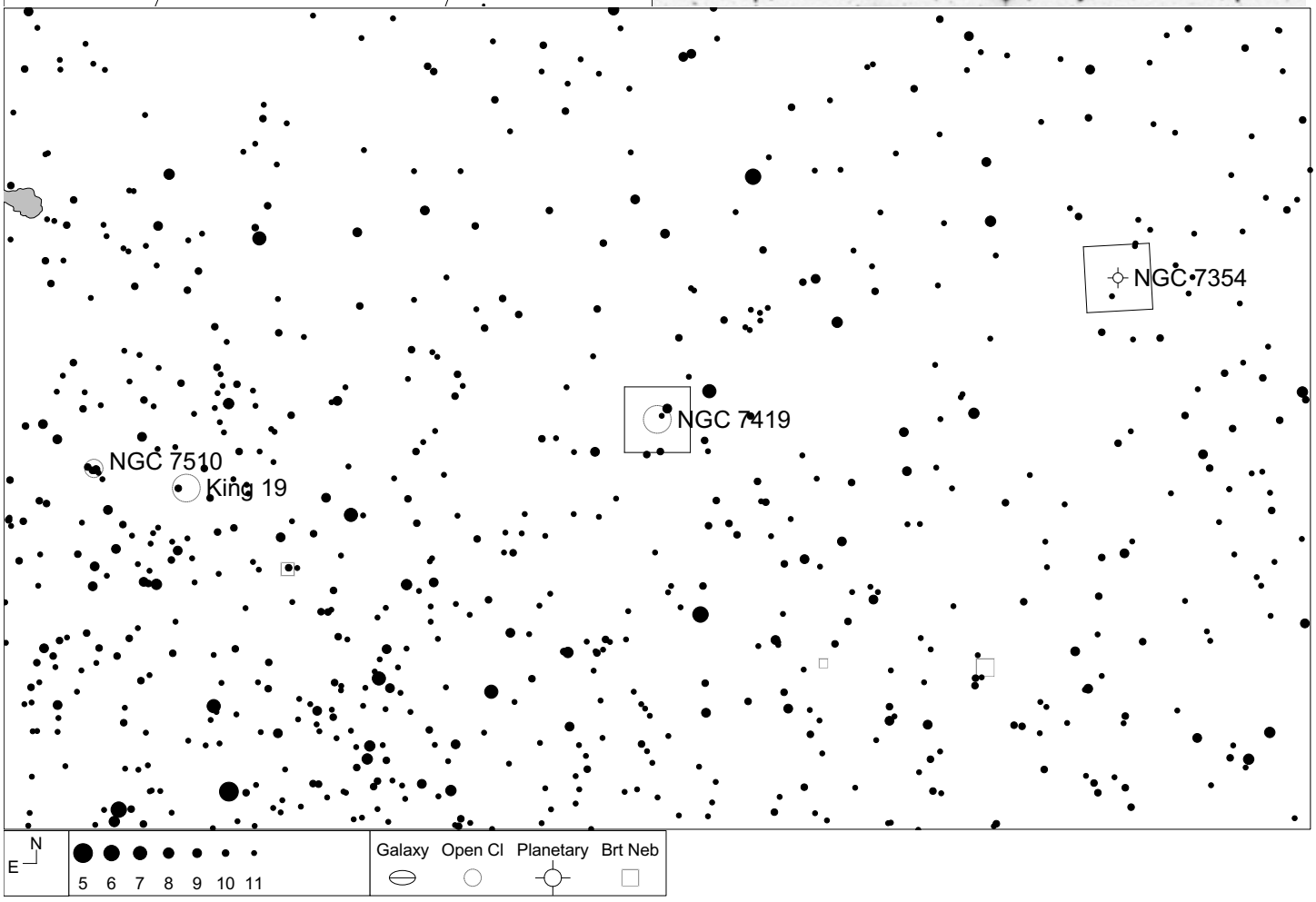


Herschel	RA	Dec	Mag	Size	Type
H II 705	22 40 19.9	+61 17 07	12.9p	36”	PN 4 + 3b

NGC 7419 (Cepheus)

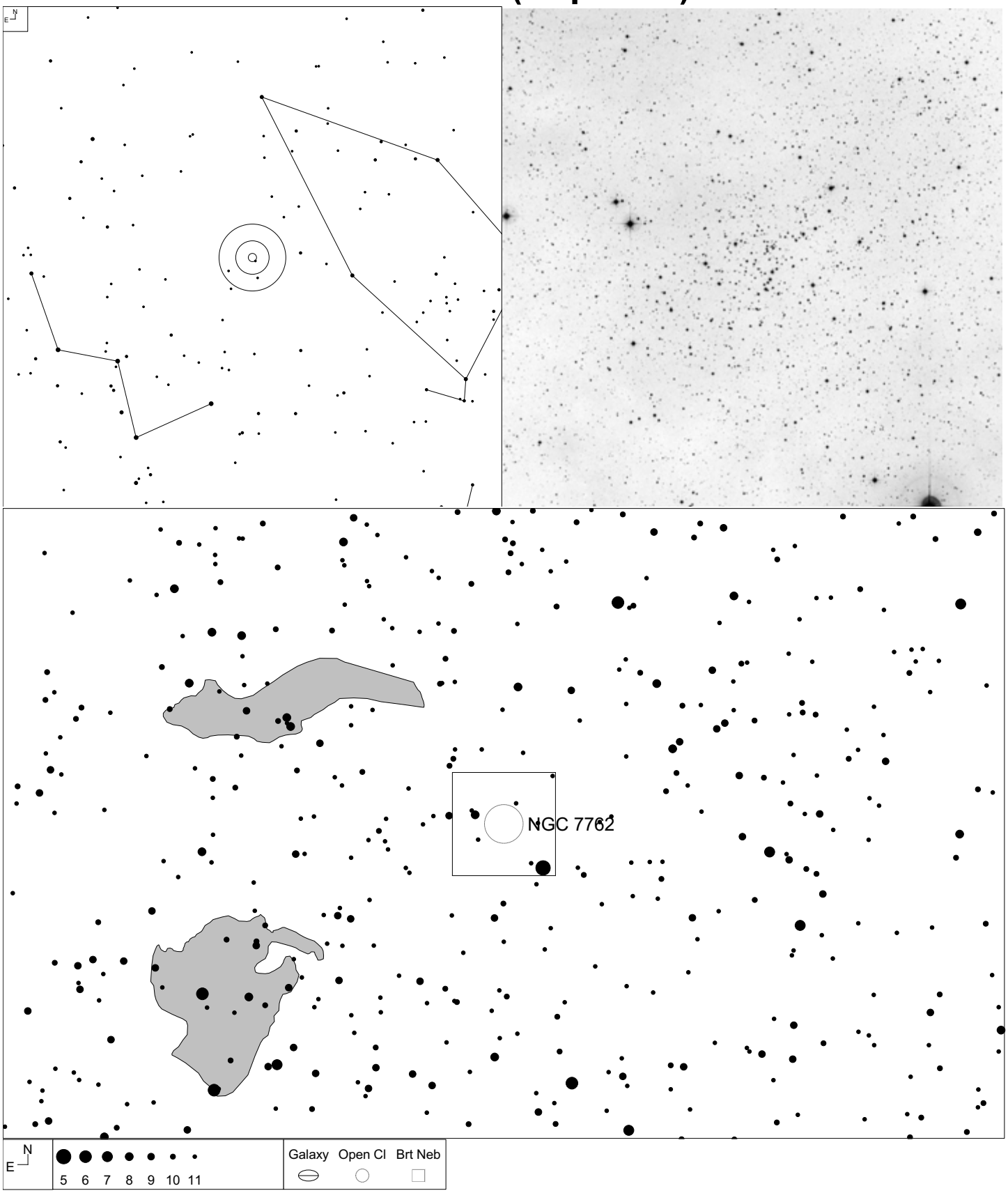






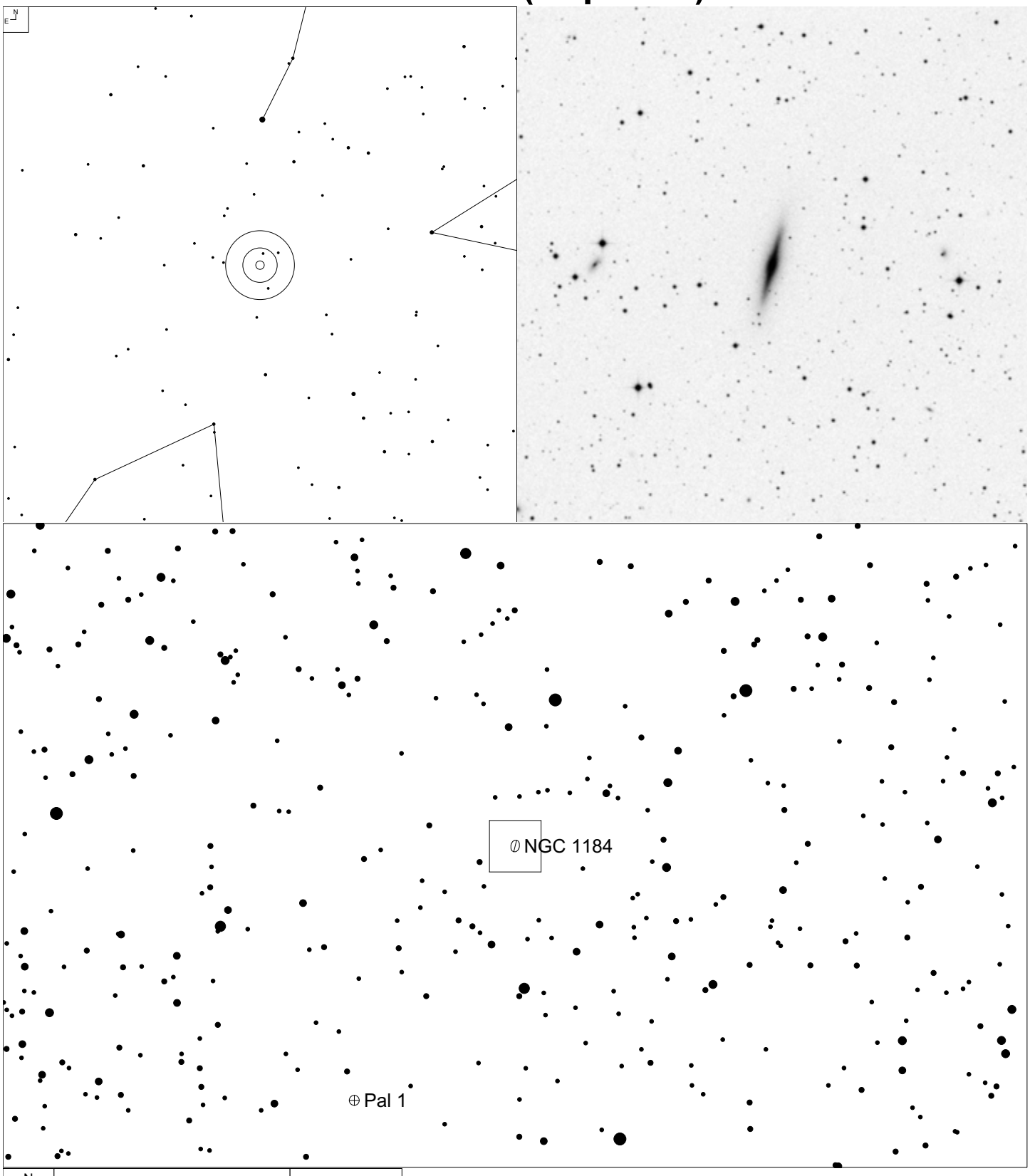
Herschel	RA	Dec	Mag	Size	Type
H VII 43	22 54 20.1	+60 48 55	13.0	6’	OC I 2 m

NGC 7762 (Cepheus)



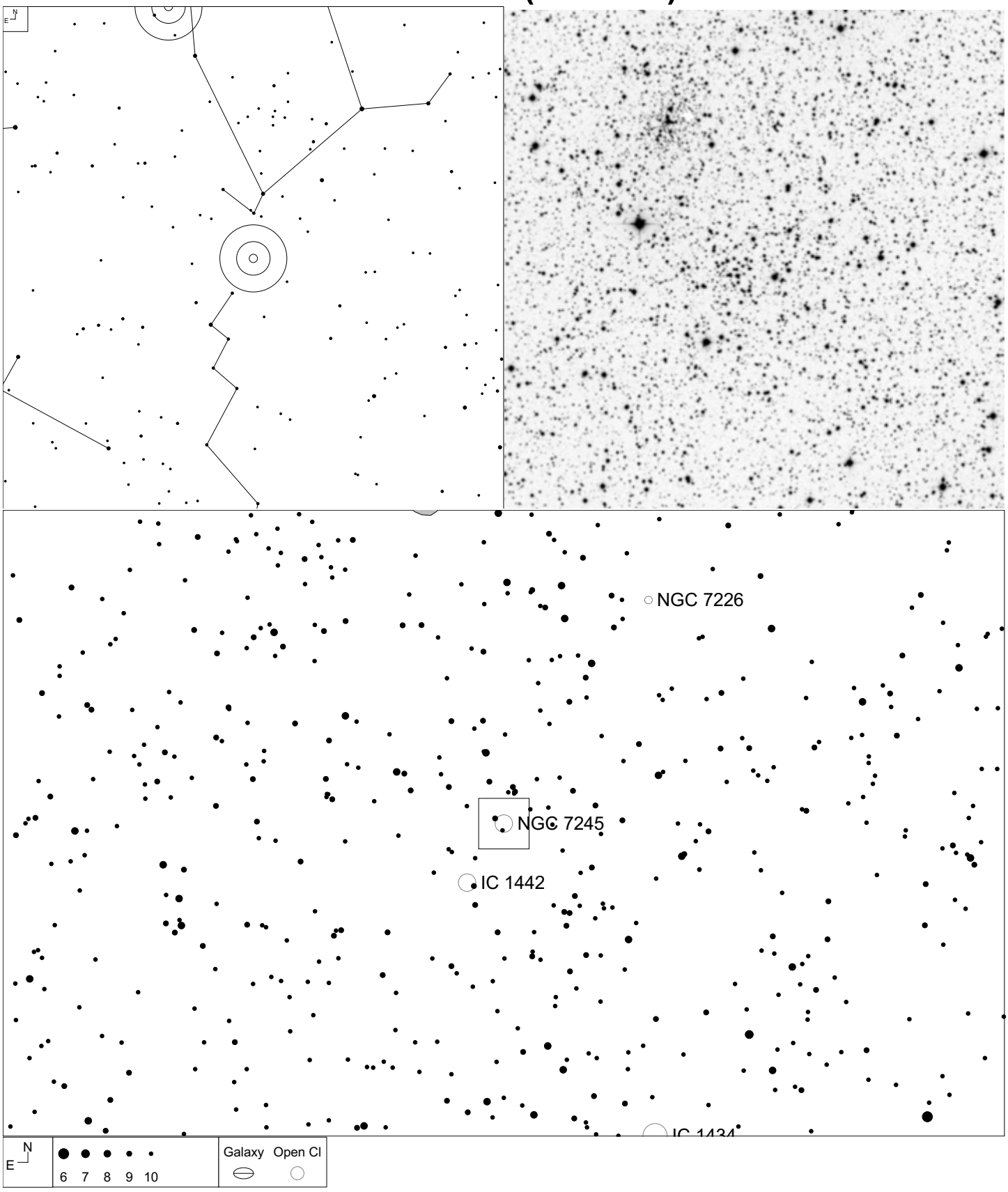
Herschel	RA	Dec	Mag	Size	Type
H VII 55	23 50 01	+68 01 00	10	11’	OC II 2 m

NGC 1184 (Cepheus)



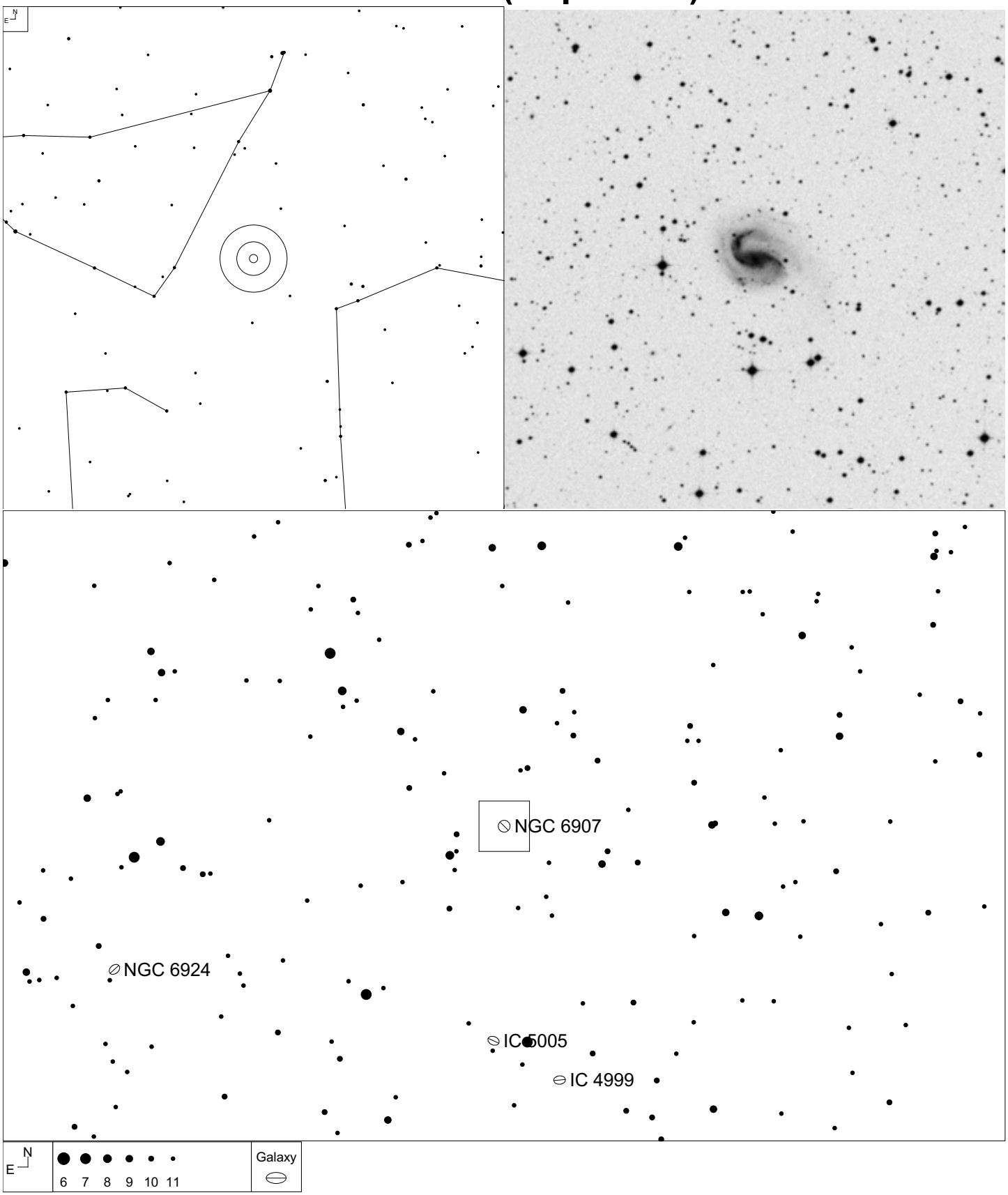
Herschel	RA	Dec	Mag	Size	Type
H II 704	03 16 45.4	+80 47 36	13.4p	2.8 x 0.5’	G S0/a

NGC 7245 (Lacerta)



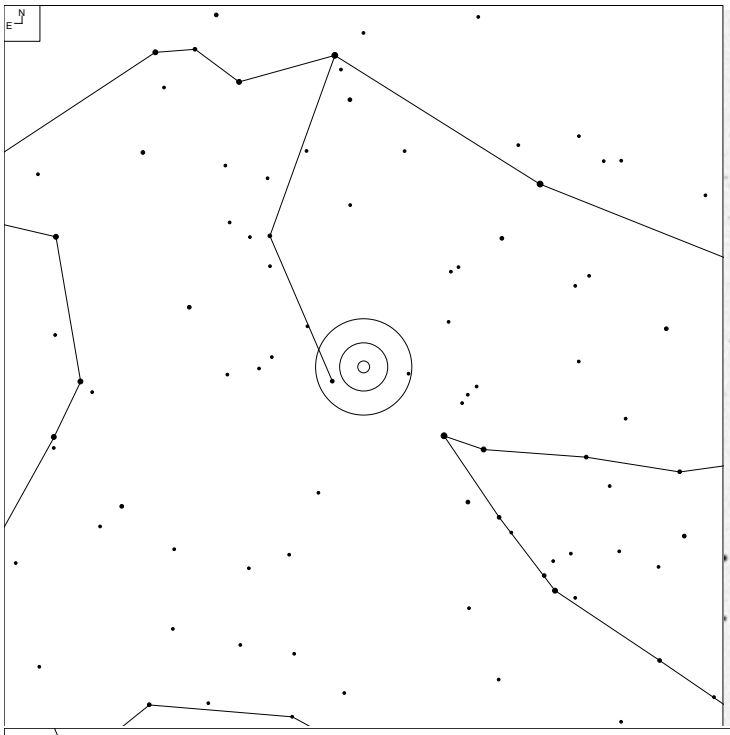
Herschel	RA	Dec	Mag	Size	Type
H VI 29	22 15 16	+54 20 00	9.2	5’	OC II 2 m

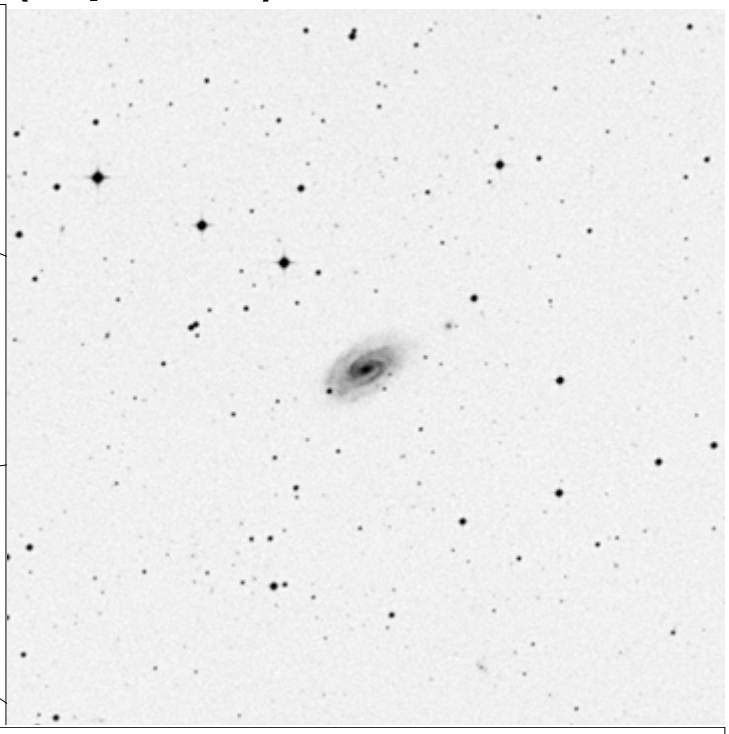
NGC 6907 (Capricorn)

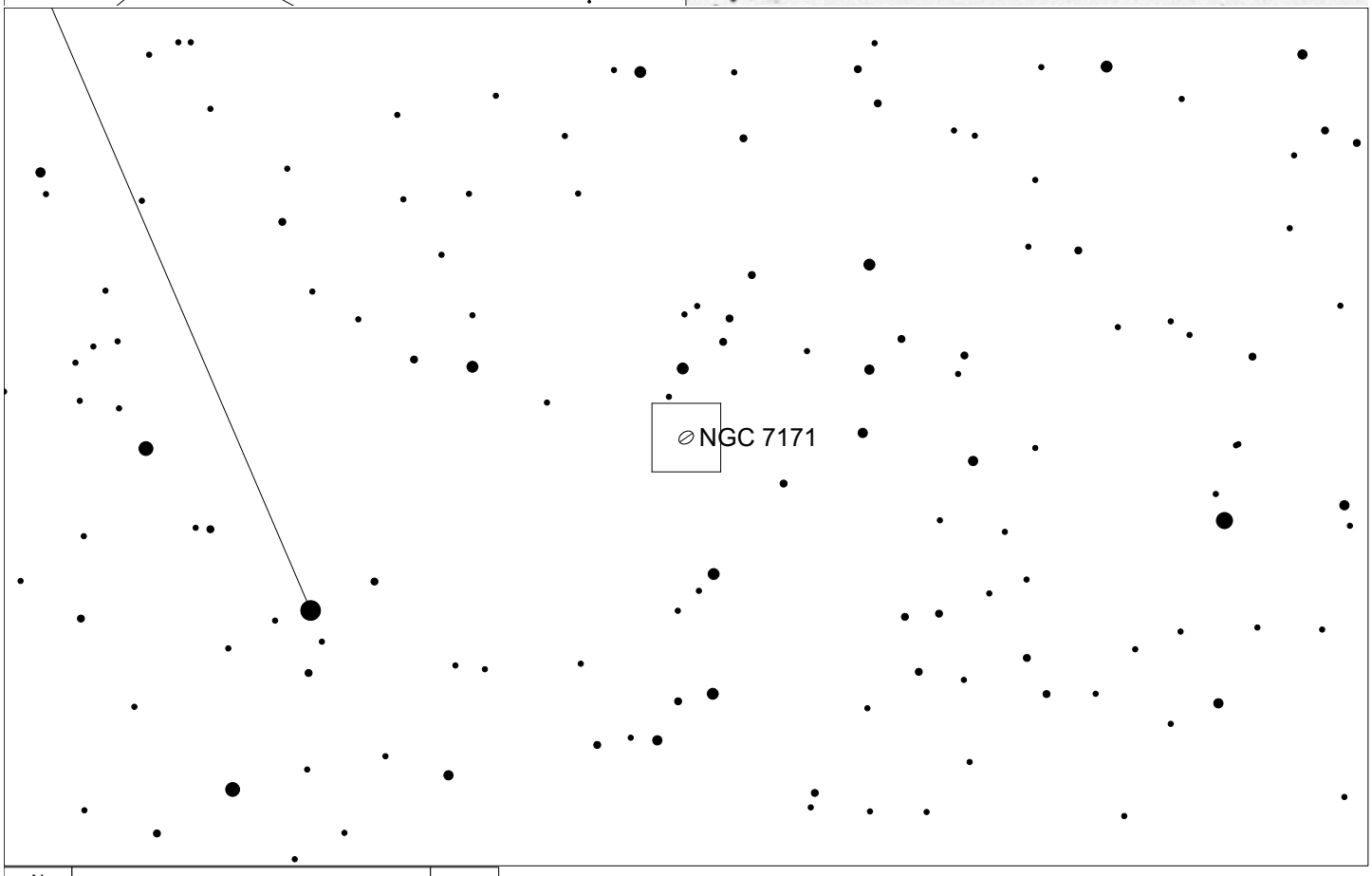


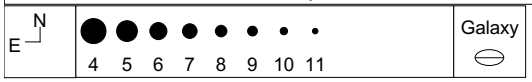
Herschel	RA	Dec	Mag	Size	Type
H III 141	20 25 06.7	-24 48 32	11.9b	3.3 x 2.9’	G SB(s)bc

NGC 7171 (Aquarius)



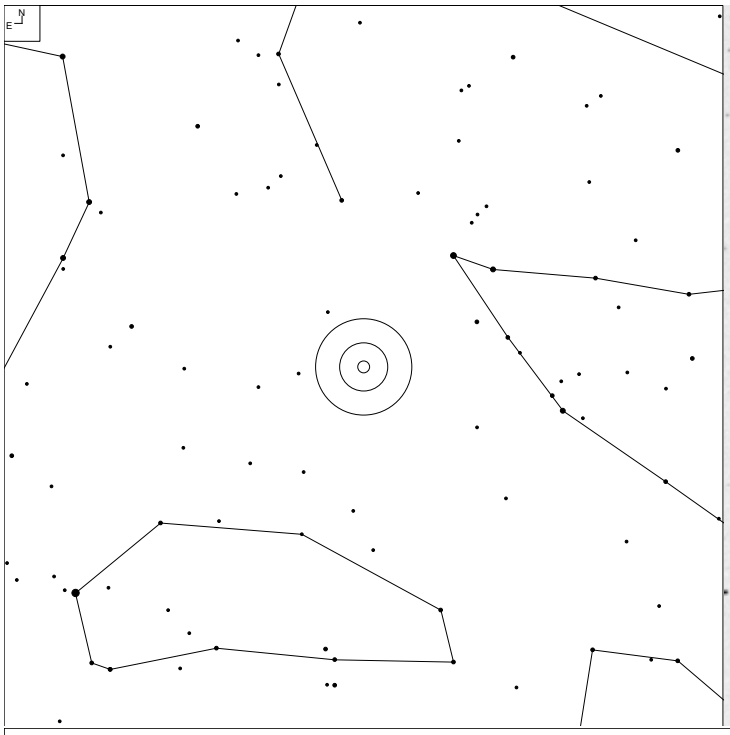


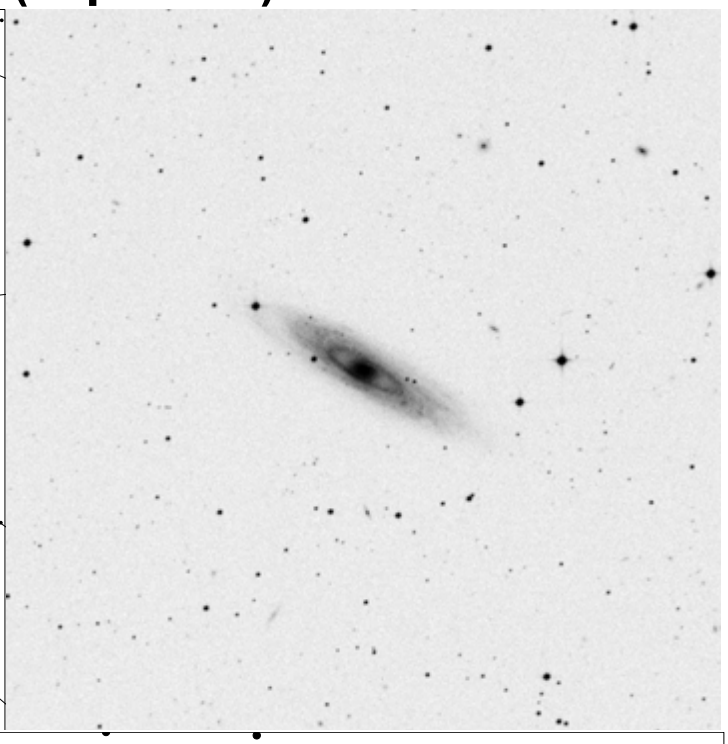


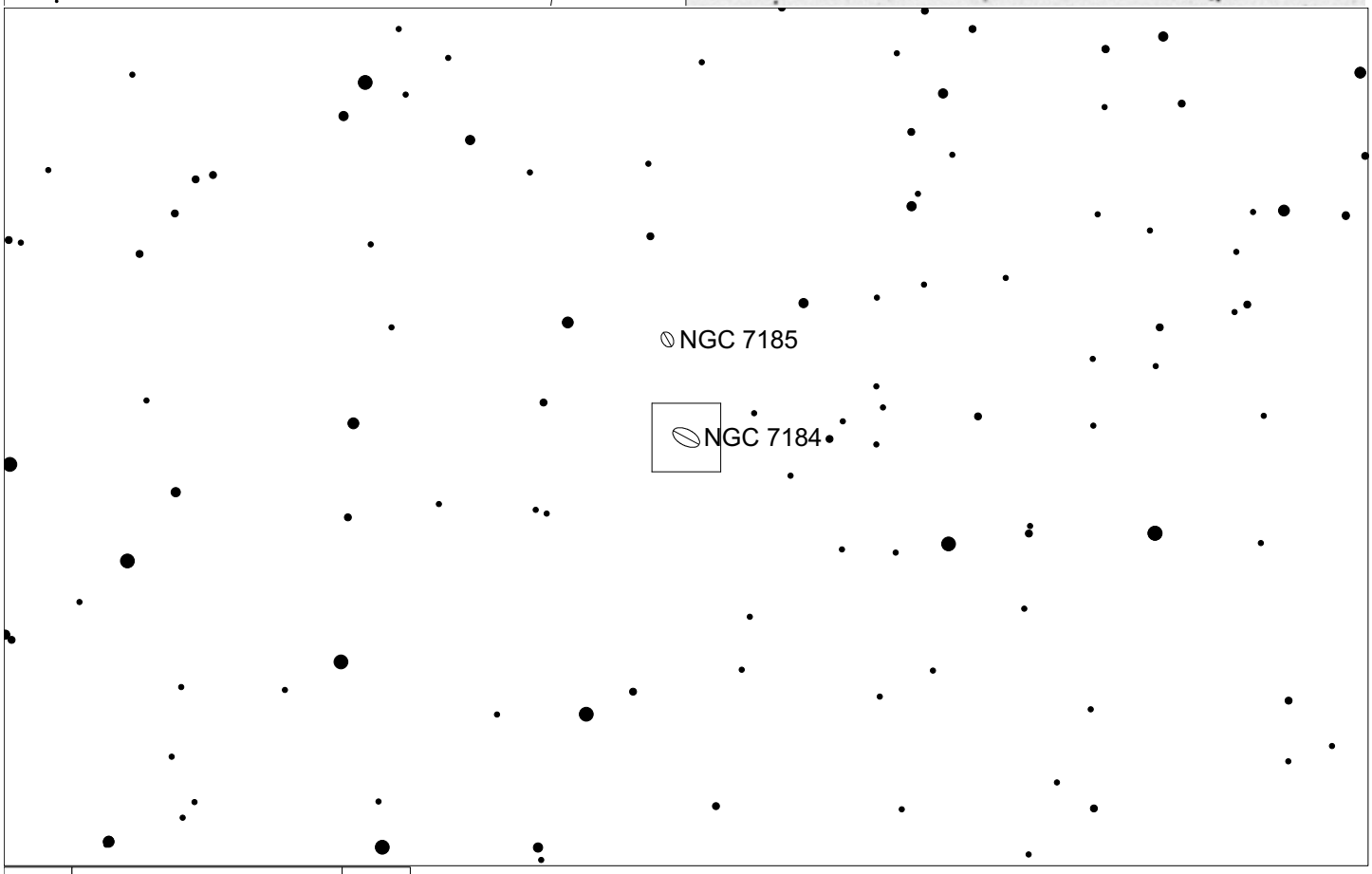


Herschel	RA	Dec	Mag	Size	Type
H III 692	22 01 02.0	-13 16 11	12.9b	2.6 x 1.5’	G SB(rs)b

NGC 7184 (Aquarius)

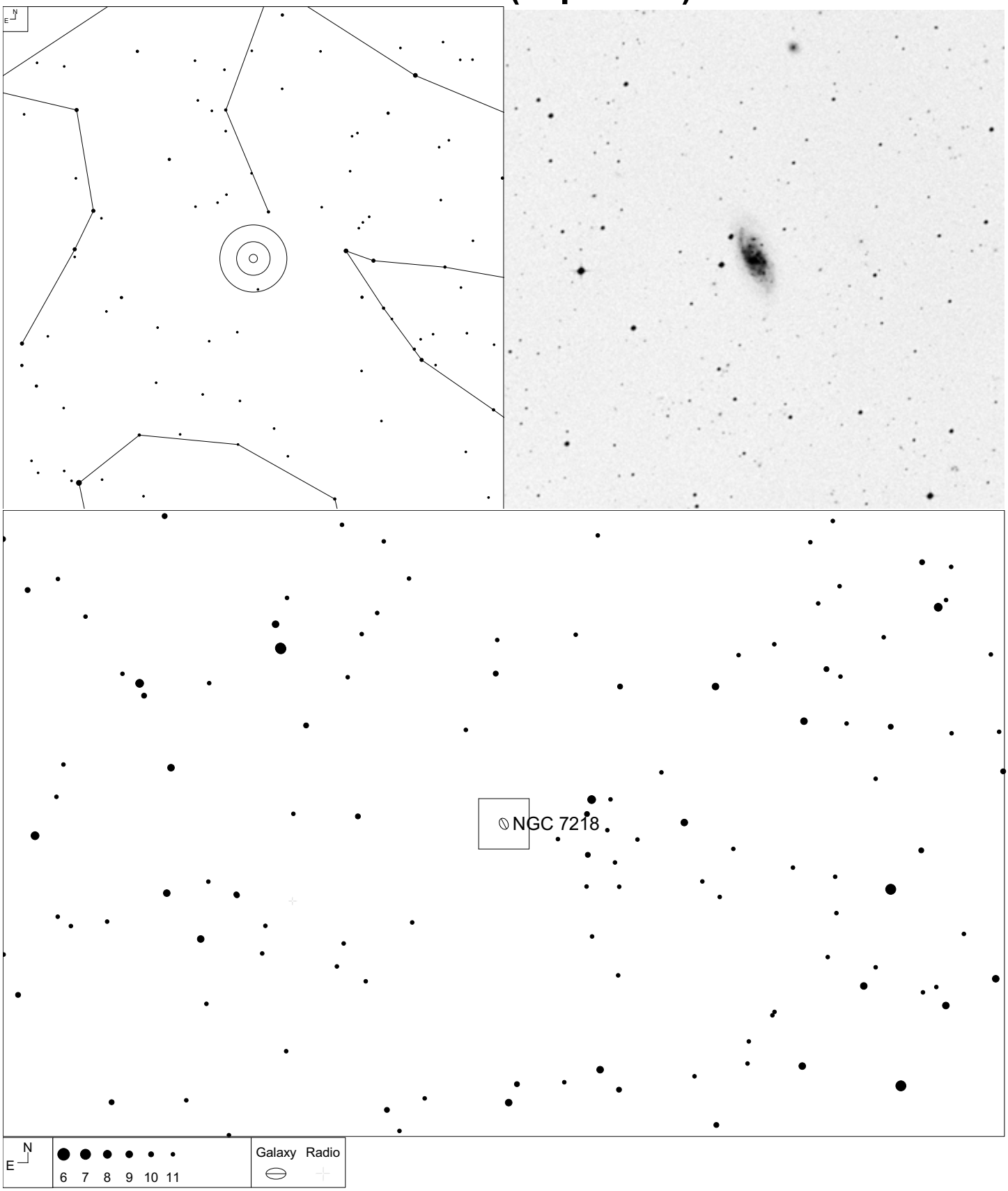






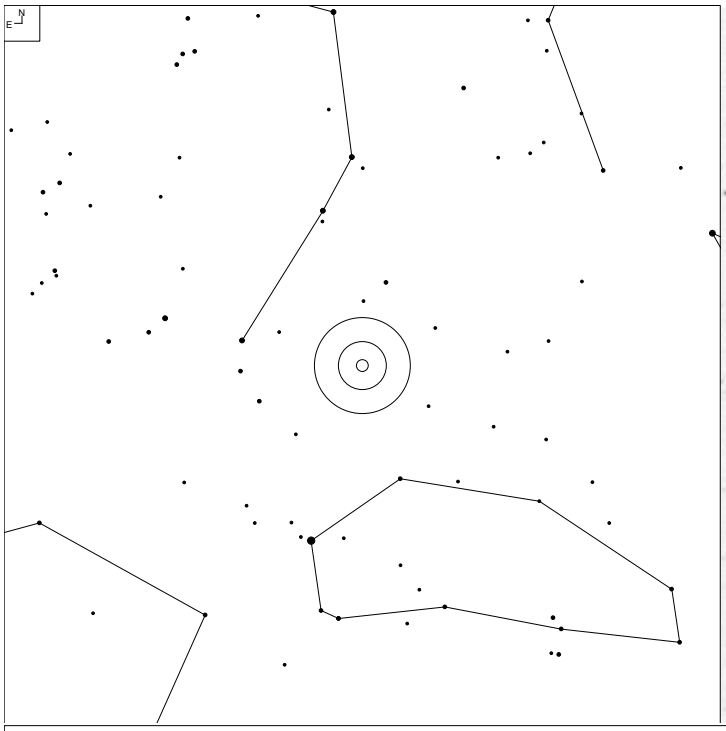
Herschel	RA	Dec	Mag	Size	Type
H II 1	22 02 39.8	-20 48 46	11.7b	6.0 x 1.4’	G SB(r)c

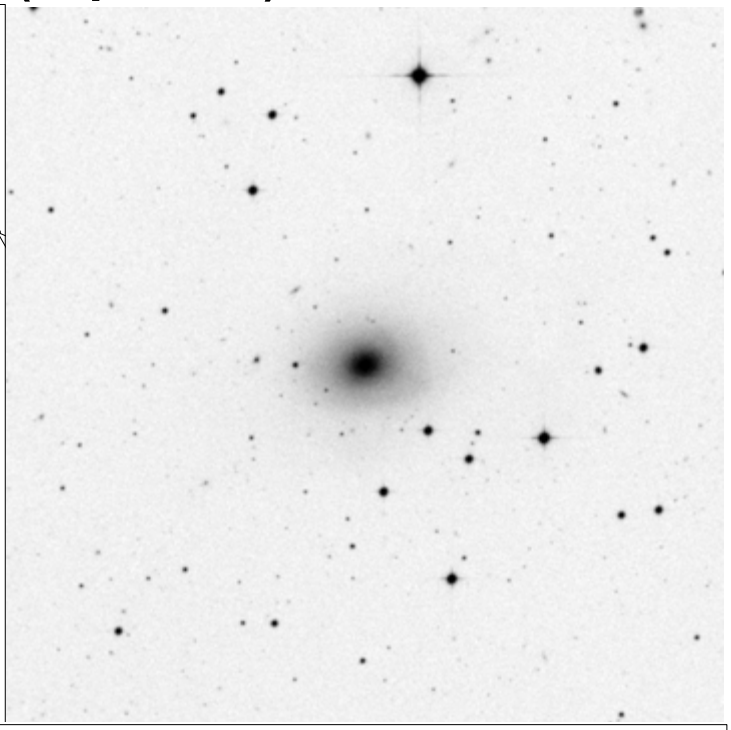
NGC 7218 (Aquarius)

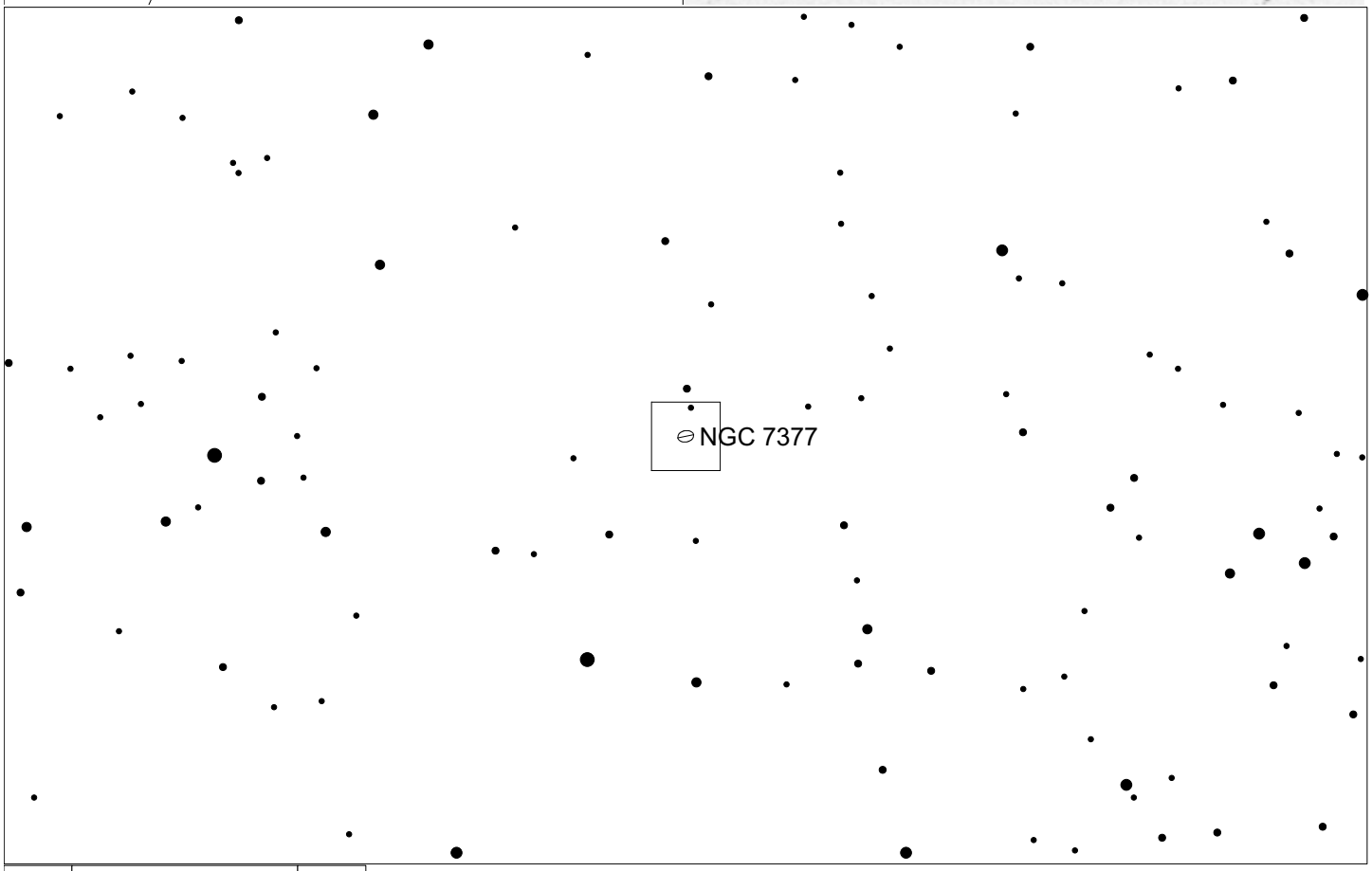


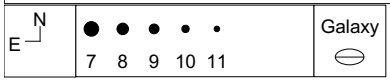
Herschel	RA	Dec	Mag	Size	Type
H II 897	22 10 11.7	-16 39 36	12.7p	2.7 x 1.3’	G SB(rs)cd

NGC 7377 (Aquarius)



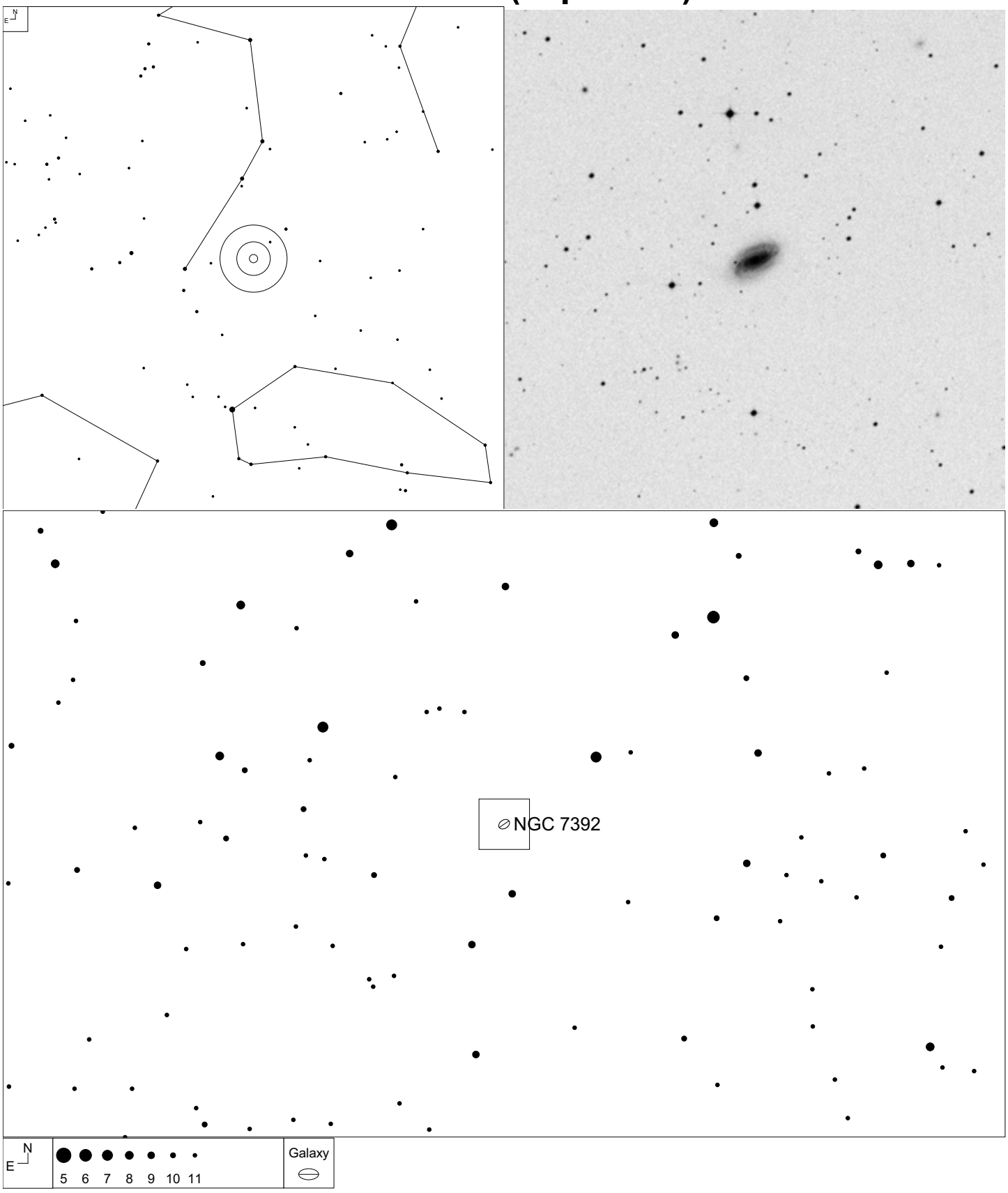






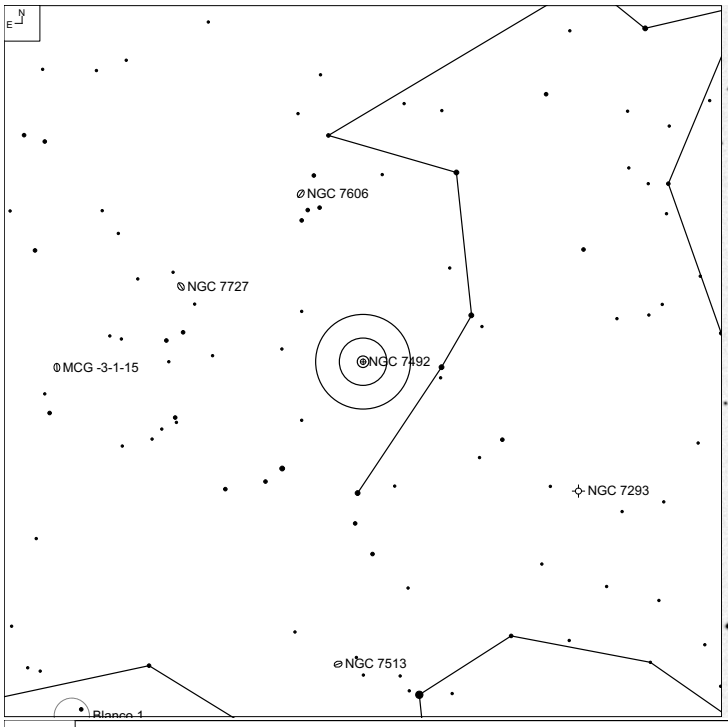
Herschel	RA	Dec	Mag	Size	Type
H II 598	22 47 47.4	-22 18 38	12.1b	2.9 x 2.4’	G SA(s)0+

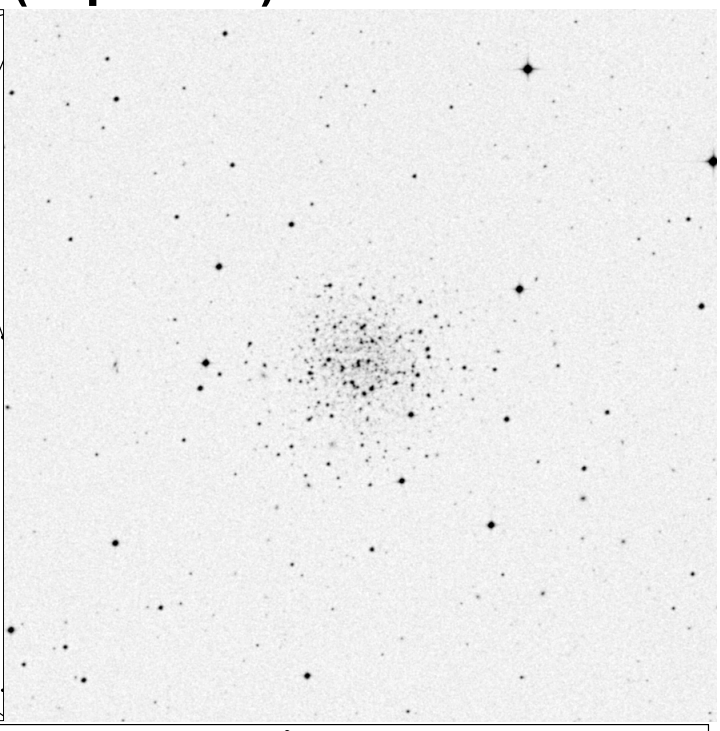
NGC 7392 (Aquarius)

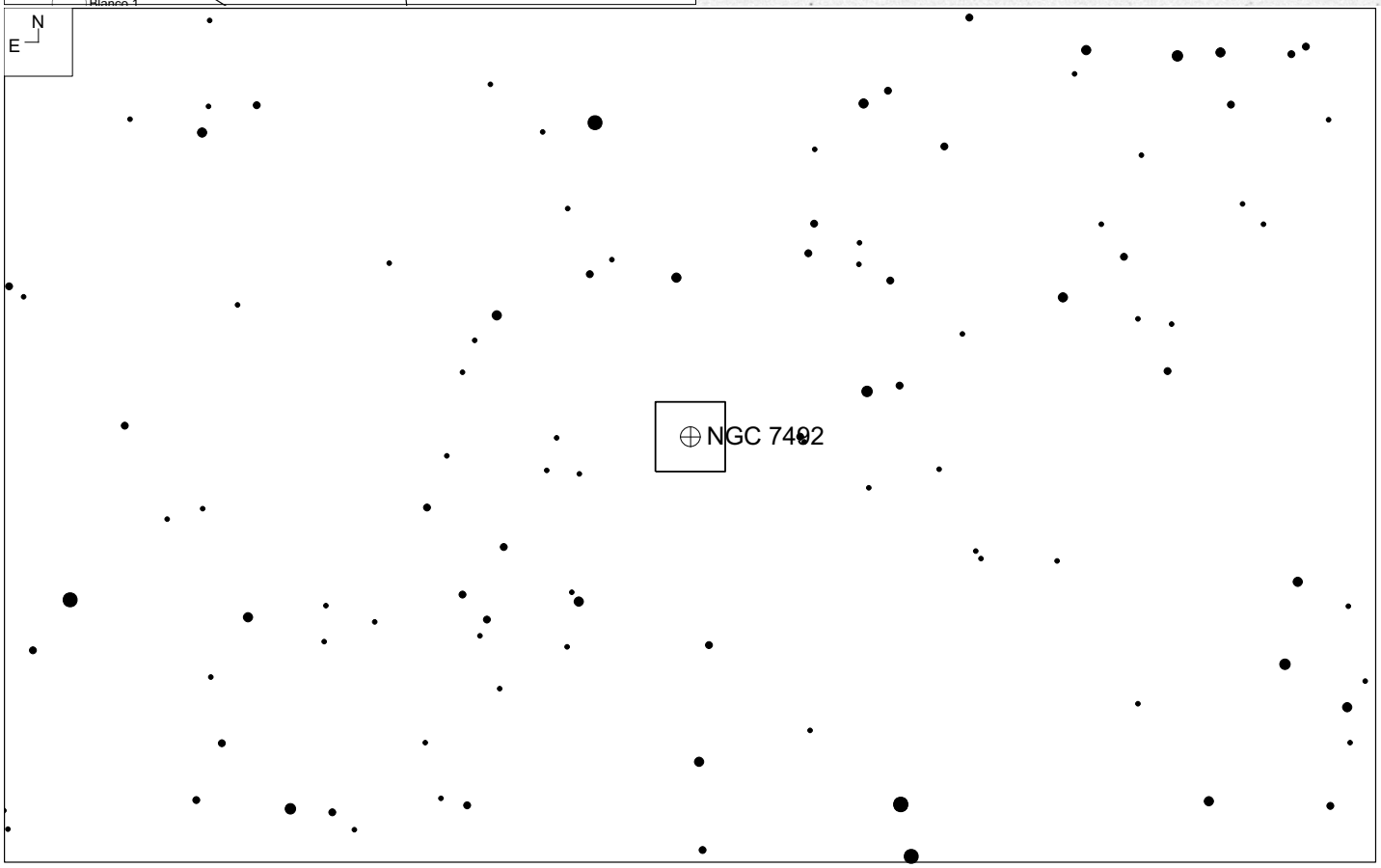


Herschel	RA	Dec	Mag	Size	Type
H II 702	22 51 48.7	-20 36 26	12.6b	2.1 x 1.2’	G (R')SB(rs)ab

NGC 7492 (Aquarius)

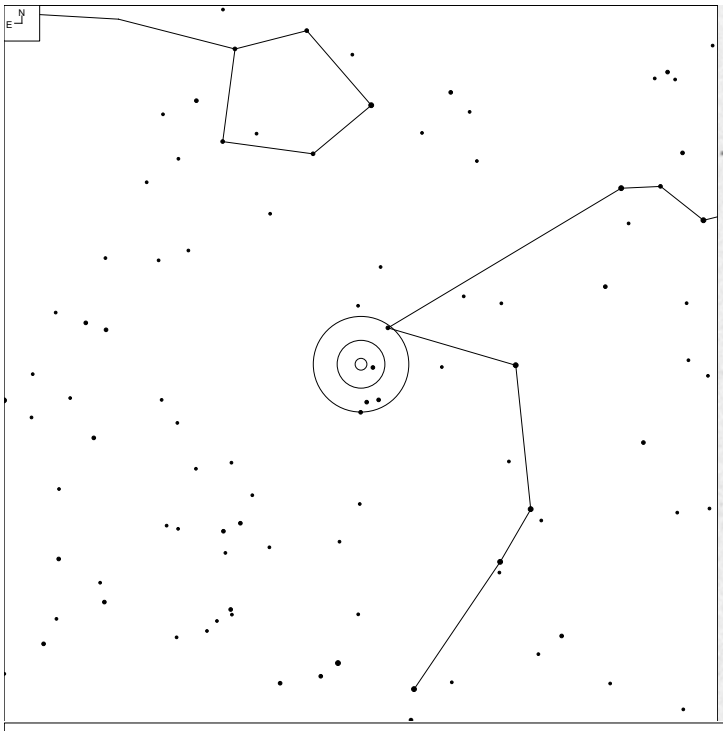


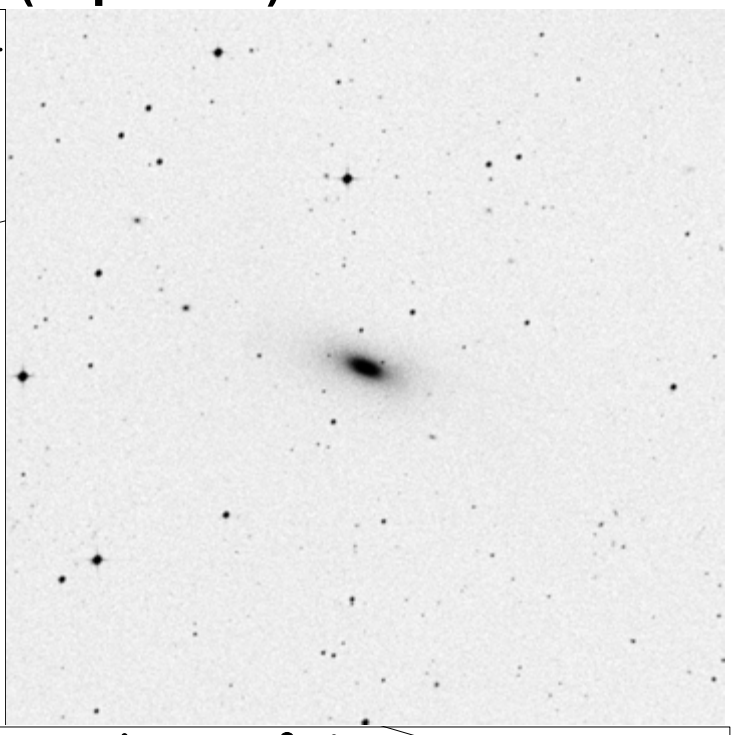


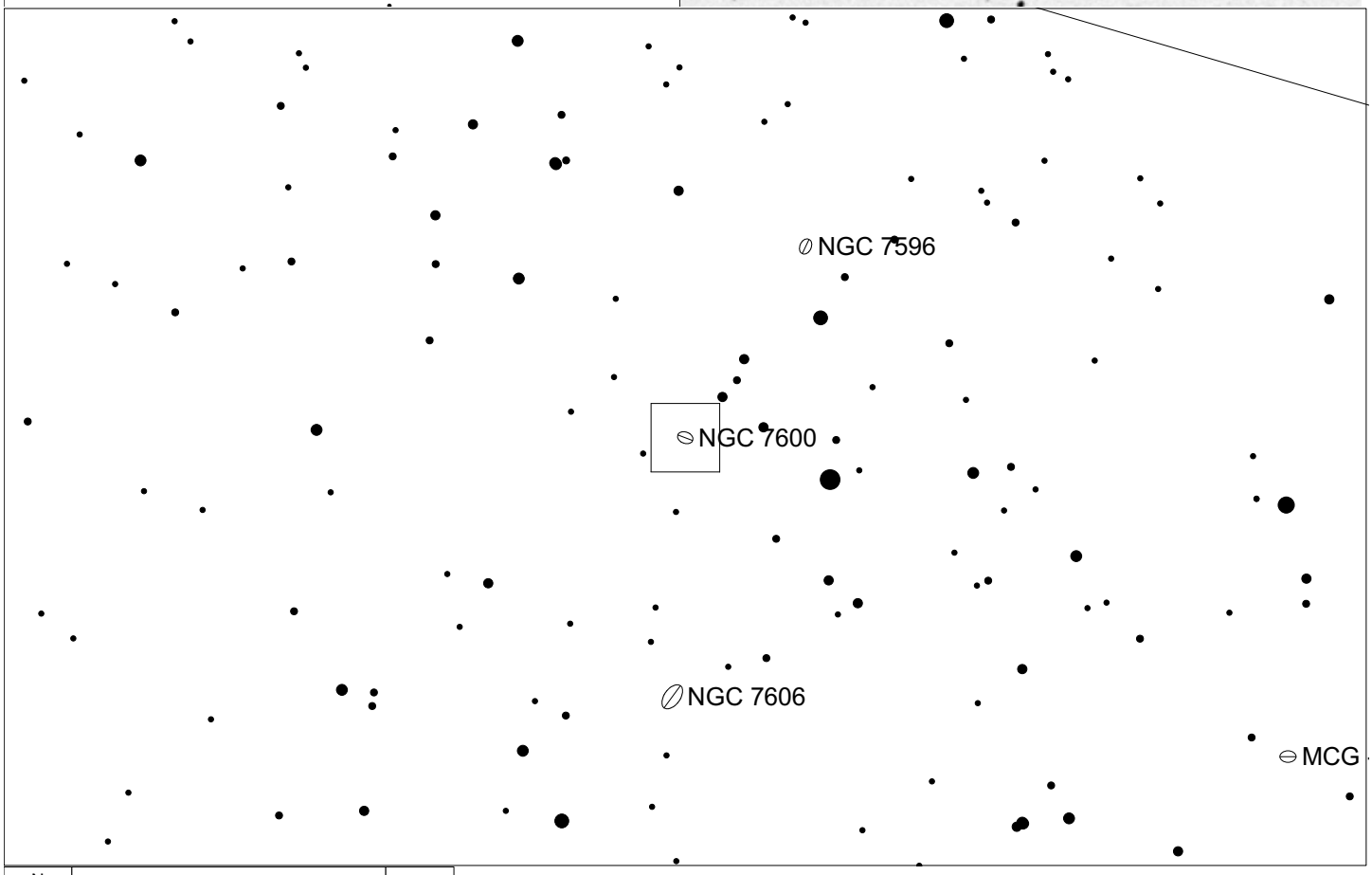


Herschel	RA	Dec	Mag	Size	Type
H III 558	23 08 26.7	-15 36 39	11.2v	3’	GC Class XII

NGC 7600 (Aquarius)







Herschel	RA	Dec	Mag	Size	Type
H II 431	23 18 53.8	-07 34 50	12.9b	2.7 x 1.1’	G S0- sp

The Herschel 400 Part II List (sorted by NGC)

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
28	23	H III 147	00 09 53.3	+25 55 26	12.9b	2.1 x 1.3’	G SB(s)a	Peg
34	24	H III 461	00 09 56.4	-24 57 49	12.2b	6.7 x 1.6’	G SA(s)c	Scl
39	125	H III 869	00 28 50.3	+02 50 19	12.8b	2.7 x 0.8’	G (R)SA0+ pec:	Psc
50	151	H II 478	00 34 02.5	-09 42 20	12.3b	3.7 x 1.6’	G SB(r)bc	Cet
54	175	H III 223?	00 37 21.6	-19 56 04	12.9b	2.1 x 1.8’	G SB(r)ab	Cet
40	198	H II 857	00 39 22.9	+02 47 52	13.9p	1.2 x 1.1’	G SA(r)c	Psc
30	206	H V 36	00 40 31.3	+40 44 22	-	4.0 x 2.5’	KNT	And
31	214	H II 209	00 41 28.0	+25 29 58	13.0b	1.8 x 1.3’	G SAB(r)c	And
51	217	H II 480	00 41 33.8	-10 01 20	13.5	2.6 x 0.6’	G S0/a: sp	Cet
41	315	H II 210	00 57 48.8	+30 21 09	12.2b	3.2 x 2.2’	G E+:	Psc
52	337	H II 433	00 59 50.3	-07 34 43	12.1b	2.9 x 1.8’	G SB(s)d	Cet
53	357	H II 434	01 03 21.9	-06 20 22	12.0v	2.4 x 1.7’	G SB(r)0/a:	Cet
42	410	H II 220	01 10 58.9	+33 09 07	12.5b	2.4 x 1.7’	G E+:	Psc
55	428	H II 622	01 12 55.6	+00 58 54	11.9b	4.1 x 3.1’	G SAB(s)m	Cet
43	499	H III 158	01 23 11.5	+33 27 37	12.1v	1.8 x 1.2’	G S0-	Psc
32	513	H III 169	01 24 26.8	+33 47 59	13.9p	0.9 x 0.6’	G Sb/c	And
44	514	H II 252	01 24 03.9	+12 55 03	12.2b	4.2 x 2.7’	G SAB(rs)c	Psc
79	604	H III 150	01 34 31.9	+30 47 13	-	1.5’	M33-KNT	Tri
56	636	H II 283	01 39 06.5	-07 30 46	12.4b	2.8 x 2.1’	G E3	Cet
45	660	H II 253	01 43 01.7	+13 38 35	12.0b	8.3 x 3.1’	G SB(s)a pec	Psc
46	665	H II 588	01 44 56.1	+10 25 22	13.2b	2.4 x 1.6’	G (R)S0°?	Psc
80	672	H I 157	01 47 53.9	+27 25 56	11.5b	7.3 x 2.5’	G SB(s)cd	Tri
47	706	H II 596	01 51 50.5	+06 17 48	13.2b	1.8 x 1.3’	G Sbc?	Psc
48	718	H II 270	01 53 13.2	+04 11 45	12.6b	2.3 x 2.0’	G SAB(s)a	Psc
49	741	H II 271	01 56 21.0	+05 37 44	12.2b	2.9 x 2.8’	G E0:	Psc
84	821	H I 152	02 08 21.1	+10 59 41	11.7b	2.5 x 1.5’	G E6?	Ari
81	890	H II 225	02 22 01.0	+33 15 58	12.2b	2.7 x 1.8’	G SAB(r)0-?	Tri
65	896	H III 695	02 25 28	+62 01 09	-	27 x 13’	EN	Cas
82	925	H III 177	02 27 17.0	+33 34 43	10.7b	10.5x 5.9’	G SAB(s)d	Tri
57	991	H III 434	02 35 32.2	-07 09 16	12.4p	2.7 x 2.4’	G SAB(rs)c	Cet
66	1003	H II 238 H III 198	02 39 16.9	+40 52 20	12.0b	5.5 x 1.8’	G SA(s)cd	Per
85	1012	H III 152	02 39 14.9	+30 09 05	13.0p	3.1 x 1.5’	G S0/a?	Ari
60	1032	H II 5	02 39 23.6	+01 05 37	12.6b	3.3 x 1.1’	G S0/a sp	Cet
58	1035	H II 284	02 39 29.0	-08 07 57	12.9b	2.6 x 0.9’	G SA(s)c?	Cet
59	1045	H II 488	02 40 29.1	-11 16 39	12.9	2.3 x 1.2’	G SA0- pec?	Cet
67	1058	H II 633	02 43 29.8	+37 20 27	11.8b	3.0 x 2.7’	G SA(rs)c	Per
83	1060	H III 162	02 43 15.1	+32 25 30	11.8v	2.3 x 1.7’	G S0-:	Tri
61	1070	H II 273	02 43 22.2	+04 58 05	12.7p	2.3 x 1.9’	G Sb	Cet
62	1073	H III 455	02 43 40.3	+01 22 33	11.5b	4.9 x 4.4’	G SB(rs)c	Cet
63	1087	H II 466	02 46 25.1	-00 29 55	11.5b	3.7 x 2.2’	G SAB(rs)c	Cet

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63	1090	H II 465	02 46 33.9	-00 14 50	12.5b	4.0 x 1.7’	G SB(rs)bc	Cet
87	1114	H III 449	02 49 07.2	-16 59 39	13.6	1.7 x 0.7’	G SA(r)c:	Eri
86	1156	H II 619	02 59 42.3	+25 14 15	12.3b	3.3 x 2.4’	G IB(s)m	Ari
68	1161	H II 239	03 01 14.2	+44 53 50	12.1b	2.8 x 2.0’	G S0	Per
88	1162	H III 469	02 58 55.9	-12 23 55	13.5	1.3 x 1.2’	G E:	Eri
69	1169	H II 620	03 03 34.7	+46 23 09	12.2b	4.2 x 2.8’	G SAB(r)b	Per
89	1172	H II 502	03 01 36.0	-14 50 12	12.7b	2.3 x 1.7’	G E+:	Eri
70	1175	H II 607	03 04 32.3	+42 20 22	13.9b	2.4 x 0.8’	G SA(r)0+	Per
374	1184	H II 704	03 16 45.4	+80 47 36	13.4p	2.8 x 0.5’	G S0/a	Cep
92	1187	H III 245	03 02 37.4	-22 52 03	11.3v	5.5 x 4.0’	G SB(r)c	Eri
71	1193	H II 608	03 05 56	+44 23 00	12.6	1.5’	OC I 2 m	Per
90	1199	H II 503	03 03 38.4	-15 36 50	11.3v	2.4 x 1.9’	G E3:	Eri
72	1207	H III 578	03 08 15.3	+38 22 58	13.4p	2.2 x 1.5’	G SA(rs)b	Per
91	1209	H II 504	03 06 03.0	-15 36 41	12.4b	2.3 x 1.1’	G E6:	Eri
93	1325	H IV 77	03 24 25.6	-21 32 36	12.2b	4.7 x 1.5’	G SA(s)bc	Eri
93	1332	H I 60	03 26 17.1	-21 20 04	11.3b	4.6 x 1.4’	G S(s)0-: sp	Eri
73	1348	H VIII 84	03 34 09	+51 25 12	-	6’	OC III 2 m	Per
94	1353	H III 246	03 32 03.0	-20 49 05	12.4b	3.3 x 1.3’	G SB(rs)bc	Eri
95	1400	H II 593	03 39 30.8	-18 41 17	10.9v	2.5 x 2.4’	G SA0-	Eri
96	1421	H II 291	03 42 29.4	-13 29 20	12	3.5 x 0.8’	G SAB(rs)bc:	Eri
74	1491	H I 258	04 03 13.6	+51 18 58	-	21’	EN	Per
97	1507	H II 279	04 04 27.1	-02 11 21	12.9b	3.6 x 0.8’	G SB(s)m pec?	Eri
105	1514	H IV 69	04 09 17.0	+30 46 33	10.0p	1.9’	PN 3 + 2	Tau
75	1579	H I 217	04 30 14.3	+35 16 47	-	7.8 x 5.4’	RN	Per
76	1582	H VIII 70	04 31 39	+43 45 00	7	37’	OC IV 2 p	Per
106	1587	H II 8	04 30 40.0	+00 39 43	11.7v	1.8 x 1.6’	G E pec	Tau
98	1600	H I 158	04 31 39.9	-05 05 10	10.9v	3.0 x 2.5’	G E3	Eri
77	1605	H VI 26	04 34 52	+45 16 18	10.7	5’	OC III 1 m	Per
99	1618	H II 524	04 36 06.5	-03 08 56	12.7v	2.8 x 0.9’	G SB(r)b:	Eri
78	1624	H V 49	04 40 37.2	+50 27 41	11.8	1.9’	EN / OC II 1 p n	Per
100	1637	H I 122	04 41 28.0	-02 51 29	11.5b	4.0 x 3.2’	G SA(rs)cd	Eri
111	1662	H VII 1	04 48 29	+10 55 48	6.4	20.0’	OC II 3 m	Ori
112	1663	H VIII 7	04 49 24	+13 08 15	-	9’	OC IV 2 p	Ori
101	1700	H IV 32	04 56 56.2	-04 51 56	12.2b	3.3 x 2.0’	G E4	Eri
113	1762	H III 453	05 03 37.0	+01 34 25	13.4b	1.7 x 1.2’	G SA(rs)c:	Ori
107	1778	H VIII 61	05 08 06	+37 01 24	7.7	6.0’	OC III 2 p	Aur
102	1779	H III 500	05 05 18.0	-09 08 50	13	2.3 x 1.2’	G (R’)SAB(r)0/a?	Eri
118	1832	H II 292	05 12 03.2	-15 41 19	12.0b	2.5 x 1.6’	G SB(r)bc	Lep
108	1883	H VII 34	05 25 54	+46 29 24	12	2.5’	OC II 1 m	Aur
114	1977	H V 30	05 35 15.8	-04 50 40	-	20 x 10'	EN + RN	Ori
109	1985	H III 865	05 37 47.8	+31 59 20	12.8v	0.7’	RN	Aur
115	2023	H IV 24	05 41 38.3	-02 15 33		10 x 10'	EN + RN	Ori

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116	2071	H IV 36	05 47 07.2	+00 17 39		8.0 x 7.7’	RN	Ori
117	2112	H VII 24	05 53 46	+00 24 36	9.1	11.0’	OC II 2 m n	Ori
119	2139	H II 264	06 01 07.9	-23 40 25	12.0b	2.6 x 1.9’	G SAB(rs)cd	Lep
124	2170	H IV 19	06 07 31.8	-06 23 57	-	2 x 2’	RN	Mon
124	2182	H IV 38	06 09 30.9	-06 19 35	9.0b	2.0’	RN	Mon
110	2192	H VII 57	06 15 18	+39 51 18	10.9	5.0’	OC II 2 m	Aur
120	2196	H II 265	06 12 09.5	-21 48 27	11.8b	2.8 x 2.1’	G (R’)SA(s)a	Lep
125	2236	H VII 5	06 29 40	+06 49 48	8.5	6.0’	OC II 2 m	Mon
127	2245	H IV 3	06 32 41.2	+10 09 24	11.0b	2.0’	RN	Mon
130	2252	H VIII 50	06 34 19.8	+05 19 22	7.7	15.0’	OC III 2 m n	Mon
126	2254	H VII 22	06 35 50	+07 40 07	9.1	4.0’	OC I 1 m	Mon
128	2259	H VI 28	06 38 33.3	+10 52 57	10.8	4.5’	OC II 1 p n	Mon
129	2261	H IV 2	06 39 10	+08 44 52	-	2.0 x 1.7’	RN	Mon
131	2269	H VI 3	06 43 16.8	+04 37 04	10	4.0’	OC II 1 p	Mon
121	2274	H II 615	06 47 17.3	+33 34 02	13.1p	1.2 x 1.0’	G E	Gem
136	2283	H III 271	06 45 52.7	-18 12 37	12.9p	3.6 x 2.7’	G SB(s)cd	CMa
132	2302	H VIII 39	06 51 54	-07 05 00	8.9	2.5’	OC III 2 m	Mon
133	2309	H VI 18	06 56 04	-07 10 30	10.5	3.0’	OC I 2 m	Mon
134	2316	H II 304	06 59 40.8	-07 46 40		1.5’	EN + RN	Mon
122	2331	H VIII 40	07 07 00	+27 17 43	8.5	18’	OC IV 2 m	Gem
123	2339	H II 769	07 08 20.5	+18 46 49	12.5b	2.8 x 2.0’	G SAB(rs)bc	Gem
135	2346	H IV 65	07 09 22.5	-00 48 23	11.8p	120”	PN 3b + 4	Mon
103	2347	H III 746	07 16 04.0	+64 42 41	13.2b	1.7 x 1.2’	G (R’)SA(r)b:	Cam
137	2359	H V 21	07 18 31	-13 14 00		13 x 11’	EN W-R Ring	CMa
104	2366	H III 748	07 28 55.0	+69 12 57	11.5b	8.2 x 3.3’	G IB(s)m	Cam
139	2367	H VIII 27	07 20 05	-21 53 00	7.9	3.5’	OC II 3 m	CMa
138	2374	H VIII 35	07 23 56	-13 15 48	8	19’	OC IV 2 p	CMa
140	2396	H VIII 36	07 28.1	-11 43 00	7.4	10’	OC IV 1 m	Pup
141	2414	H VIII 37	07 33 13	-15 27 12	7.9	4’	OC I 3 m	Pup
145	2415	H II 821	07 36 56.6	+35 14 32	12.8b	1.0 x 1.0’	G Im?	Lyn
142	2432	H VI 36	07 40 54	-19 05 06	10.2	7’	OC II 2 m	Pup
143	2467	H IV 22	07 52 29	-26 25 48	7.1	15’	OC I 3 m n	Pup
146	2493	H III 750	08 00 23.7	+39 49 49	13.0b	1.9 x 1.9’	G SB0	Lyn
147	2500	H III 709	08 01 53.1	+50 44 15	12.2b	2.6 x 2.6’	G SB(rs)d	Lyn
144	2525	H III 877	08 05 38.0	-11 25 41	12.3b	2.9 x 1.9’	G SB(s)c	Pup
148	2541	H III 710	08 14 40.2	+49 03 43	12.3b	6.3 x 3.1’	G SA(s)cd	Lyn
149	2610	H IV 35	08 33 23.4	-16 08 57	13.6p	58”	PN 4 + 2	Hya
161	2639	H I 204	08 43 38.0	+50 12 20	12.6b	2.1 x 1.3’	G (R)SA(r)a:?	UMa
162	2756	H II 828	09 09 01.1	+53 50 58	13.2p	1.7 x 1.1’	G Sb	UMa
150	2765	H II 520	09 07 36.6	+03 23 34	13.1p	2.1 x 1.1’	G S0	Hya
151	2781	H I 66	09 11 27.4	-14 49 01	12.5b	3.4 x 1.5’	G SAB(r)0+	Hya
152	2784	H I 59	09 12 19.2	-24 10 18	11.3b	6.2 x 2.2’	G SA(s)0°:	Hya

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163	2805	H III 878	09 20 20.4	+64 06 10	11.5b	6.3 x 4.7’	G SAB(rs)d	UMa
153	2855	H I 132	09 21 27.5	-11 54 37	12.6b	2.4 x 2.1’	G (R)SA(rs)0/a	Hya
164	2880	H I 260	09 29 34.5	+62 29 27	12.5b	2.0 x 1.1’	G SB0-	UMa
154	2889	H II 555	09 27 12.5	-11 38 37	12.4b	2.1 x 1.8’	G SAB(rs)c	Hya
155	2986	H II 311	09 44 15.9	-21 16 41	11.7b	3.1 x 2.6’	G E2	Hya
165	3065	H II 333	10 01 55.3	+72 10 13	13.5b	1.7 x 1.6’	G SA(r)0°	UMa
201	3067	H II 492	09 58 21.3	+32 22 10	12.8b	2.4 x 0.9’	G SAB(s)ab?	Leo
166	3073	H III 853	10 00 52.0	+55 37 07	14.1b	1.3 x 1.2’	G SAB0-	UMa
156	3078	H II 268	09 58 24.5	-26 55 36	12.1b	2.5 x 2.0’	G E2-3	Hya
202	3107	H II 898	10 04 22.4	+13 37 17	14.2p	0.8 x 0.6’	G Sbc:	Leo
157	3145	H III 518	10 10 10.0	-12 26 02	12.5b	3.0 x 1.5’	G SB(rs)bc	Hya
220	3156	H III 255	10 12 41.2	+03 07 45	13.1b	2.2 x 1.0’	G S0:	Sex
199	3158	H II 639	10 13 50.5	+38 45 53	11.9v	2.0 x 1.8’	G E3:	LMi
203	3162	H II 43	10 13 31.6	+22 44 15	12.2b	3.0 x 2.4’	G SAB(rs)bc	Leo
204	3177	H III 255	10 16 34.1	+21 07 23	13.0b	1.4 x 1.1’	G SA(rs)b	Leo
167	3225	H II 882	10 25 10.0	+58 09 00	13.3p	2.0 x 1.0’	G Scd:	UMa
200	3254	H I 72	10 29 19.9	+29 29 30	12.4b	5.0 x 1.5’	G SA(s)bc	LMi
205	3274	H II 358	10 32 17.1	+27 40 07	13.2b	2.3 x 1.4’	G SABd?	Leo
206	3301	H II 46	10 36 56.0	+21 52 55	12.3b	3.5 x 1.0’	G (R’)SB(rs)0/a	Leo
168	3319	H III 700	10 39 09.3	+41 41 14	11.5b	6.2 x 3.6’	G SB(rs)cd	UMa
207	3338	H II 77	10 42 07.5	+13 44 49	11.6b	5.8 x 3.5’	G SA(s)c	Leo
171	3359	H V 52	10 46 36.7	+63 13 28	11.0b	7.3 x 4.3’	G SB(rs)c	UMa
198	3424	H II 494	10 51 46.7	+32 53 59	13.2p	3.2 x 0.9’	G SB(s)b:?	LMi
198	3430	H I 118	10 52 11.7	+32 56 59	11.5v	4.6 x 2.3’	G SAB(rs)c	LMi
208	3507	H IV 7	11 03 25.6	+18 08 08	11.7b	4.6 x 3.7’	G SB(s)b	Leo
221	3511	H V 39	11 03 23.7	-23 05 11	10.9v	6.2 x 2.1’	G SA(s)c	Crt
221	3513	H V 40	11 03 46.0	-23 14 38	11.4v	3.0 x 2.3’	G SB(rs)c	Crt
172	3516	H II 336	11 06 47.5	+72 34 07	12.5b	1.9 x 1.5’	G (R)SB(s)0°:	UMa
209	3524	H III 23	11 06 32.1	+11 23 08	13.8p	1.6 x 0.4’	G S0/a	Leo
210	3547	H II 42	11 09 55.9	+10 43 14	13.2b	1.9 x 0.9’	G Sb:	Leo
170	3583	H II 728	11 14 10.8	+48 19 06	11.9p	2.8 x 1.8’	G SB(s)b	UMa
158	3585	H II 269	11 13 17.1	-26 45 18	10.9b	4.6 x 2.5’	G E7/S0	Hya
211	3596	H II 102	11 15 06.2	+14 47 13	12.0b	3.9 x 3.7’	G SAB(rs)c	Leo
212	3599	H II 49	11 15 27.0	+18 06 37	12.0v	2.7 x 2.2’	G SA0:	Leo
212	3605	H III 27	11 16 46.6	+18 01 01	12.3v	1.6 x 1.2’	G E4-5	Leo
217	3611	H II 521	11 17 30.1	+04 33 19	12.8b	2.1 x 1.7’	G SA(s)a pec	Leo
173	3622	H II 879	11 20 12.5	+67 14 29	12.7b	1.5 x 0.8’	G S?	UMa
222	3636	H II 550	11 20 25.1	-10 16 55	13.3b	1.3’	G E0	Crt
222	3637	H II 551	11 20 39.5	-10 15 27	13.6b	1.8 x 1.5’	G (R)SB(r)0°	Crt
174	3642	H I 245	11 22 17.9	+59 04 28	11.7b	5.3 x 4.4’	G SA(r)bc:	UMa
213	3646	H III 15	11 21 43.1	+20 10 10	11.8b	3.9 x .2.2’	G SA:(r)bc pec ring	Leo
169	3652	H II 775	11 22 39.0	+37 45 54	12.9p	3.1 x 1.6’	G SBc	UMa

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214	3659	H II 53	11 23 45.3	+17 49 07	12.8p	2.1 x 1.1’	G SB(s)m?	Leo
218	3666	H I 20	11 24 26.2	+11 20 31	12	4.4x1.2	G SA(rs)c:	Leo
177	3668	H II 845	11 25 30.4	+63 26 46	13.1p	1.7 x1.3’	G Sbc	UMa
175	3669	H II 829	11 25 26.7	+57 43 17	13.1p	2.2 x 0.5’	G SBcd: sp	UMa
223	3672	H I 131	11 25 02.5	-09 47 40	12.1b	4.1 x 1.9’	G SA(s)c	Crt
215	3681	H II 159	11 26 29.8	+16 51 48	11.9b	2.0 x 2.0’	G SAB(r)bc	Leo
307	3682	H I 262	11 27 41.2	+66 35 23	13.3b	1.6 x 1.0’	G SA(s)0/a:?	Dra
176	3683	H I 246	11 27 32.0	+56 52 37	13.1p	1.8 x 1.2’	G SB(s)c?	UMa
216	3689	H II 339	11 28 11.0	+25 39 41	13.0b	1.6 x 1.0’	G SAB(rs)c	Leo
224	3693	H III 532	11 28 11.5	-13 11 41	13.1	3.2 x 0.6’	G (R’)SA(r)b	Crt
219	3705	H II 13	11 30 07.4	+09 16 37	11.9b	4.9 x 2.0’	G SAB(r)ab	Leo
225	3732	H II 552	11 34 13.9	-09 50 44	12.5v	1.2 x 1.2’	G SAB(s)0/a:	Crt
178	3756	H II 784	11 36 47.9	+54 17 39	12.1b	4.2 x 2.2’	G SAB(rs)bc	UMa
226	3887	H I 120	11 47 04.7	-16 51 16	11.4b	3.3 x 2.5’	G SB(r)bc	Crt
227	3892	H II 553	11 48 00.9	-10 57 43	12.5p	2.9 x 2.4’	G SB(rs)0+	Crt
180	4013	H II 733	11 58 31.7	+43 56 48	12.2b	5.2 x 1.3’	G Sb sp	UMa
228	4024	H II 295	11 58 31.2	-18 20 50	11.7v	2.0 x 1.6’	G SAB0-	Crv
229	4039	H IV 28.2	12 01 54.0	-18 53 03	11.1p	4.0 x 2.2’	G SA(s)m pec	Crv
258	4045	H II 276	12 02 42.3	+01 58 38	11.9v	3.2 x 1.3’	G SAB(r)a	Vir
181	4047	H II 741	12 02 50.6	+48 38 10	13.0p	1.8 x 1.6’	G (R)SA(rs)b:	UMa
179	4062	H I 174	12 04 03.8	+31 53 44	11.9b	4.0 x 1.7’	G SA(s)c	UMa
258	4073	H II 277	12 04 27.0	+01 53 45	11.4v	3.4 x 2.3’	G E5/S0-	Vir
182	4096	H I 207	12 06 01.0	+47 28 41	11.5b	7.4 x 1.7’	G SAB(rs)c	UMa
183	4100	H III 717	12 06 08.4	+49 34 59	11.9b	5.4 x 20’	G (R’)SA(rs)bc	UMa
159	4105	H II 865	12 06 40.7	-29 45 38	11.6b	2.7 x 2.0’	G E3	Hya
259	4124	H I 33 H II 60	12 08 09.7	+10 22 43	12.2b	4.2 x 1.3’	G SA(r)0+	Vir
308	4133	H I 278	12 08 49.9	+74 54 15	13.1p	1.8 x 1.3’	G SABb:	Dra
242	4136	H II 321	12 09 17.7	+29 55 39	11.7p	4.0 x 4.0’	G SAB(r)c	Com
230	4138	H I 196	12 09 29.9	+43 41 07	12.2b	3.0 x 2.4’	G SA(r)0+	CVn
184	4144	H II 747	12 09 58.5	+46 27 28	12.1b	6.1 x 1.3’	G SAB(s)cd? Sp	UMa
247	4152	H II 83	12 10 37.5	+16 01 59	12.7b	2.5 x 2.0’	G SAB(rs)c	Com
185	4157	H I 208	12 11 04.9	+50 29 07	12.2b	7.7 x 1.3’	G SAB(s)b? sp	UMa
260	4168	H II 105	12 12 17.2	+13 12 18	12.1b	3.0 x 2.6’	G E2	Vir
243	4169	H III 358	12 12 18.7	+29 10 46	13.2b	2.3 x 1.2’	G S0/a	Com
244	4185	H II 373	12 13 22.1	+28 30 40	12.9p	2.6 x 1.9’	G Sbc	Com
248	4189	H II 106	12 13 47.5	+13 25 33	11.7v	2.5 x 2.0’	G SAB(rs)cd?	Com
248	4212	H II 108	12 15 39.3	+13 54 05	11.8b	3.8 x 2.1’	G SAc:	Com
231	4217	H II 748	12 15 50.6	+47 05 33	11.1v	5.7 x 1.6’	G SAb sp	CVn
231	4220	H I 209	12 16 11.7	+47 53 00	12.3b	3.9 x 1.3’	G SA(r)0+	CVn
261	4224	H II 136	12 16 33.8	+07 27 42	12.9b	2.5 x 0.9’	G SA(s)a: sp	Vir
261	4233	H II 496	12 17 07.6	+07 37 26	12.9b	2.3 x 0.8’	G S0°	Vir

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
261	4235	H II 17	12 17 09.8	+07 11 28	13.0b	2.5 x 1.3’	G SA(s)a	Vir
310	4236	H V 51	12 16 43.5	+69 27 34	10.1b	22 x 7.2’	G SB(s)dm	Dra
249	4237	H II 11	12 17 11.4	+15 19 26	11.6v	2.5 x 1.7’	G SAB(rs)bc	Com
262	4241	H III 480	12 17 59.8	+06 39 16	13.0b	2.5 x 1.3’	G SB(s)cd	Vir
232	4244	H V 41	12 17 29.4	+37 48 24	10.3v	17.7 x 1.9’	G SA(s)cd: sp	CVn
231	4248	H II 742	12 17 50.4	+47 24 36	12.5v	3.1 x 1.1’	G I0 sp	CVn
311	4250	H I 264	12 17 26.2	+70 48 09	12.8p	2.7 x 2.1’	G SAB(r)0+	Dra
312	4256	H II 846	12 18 42.9	+65 53 54	12.7p	4.5 x 0.7’	G SA(s)b: sp	Dra
263	4260	H II 138	12 19 22.2	+06 05 55	11.8v	3.9 x 1.7’	G SB(s)a	Vir
263	4264	H II 140	12 19 35.8	+05 50 48	12.8v	1.1 x1.0’	G SB(rs)0+	Vir
266	4267	H II 166	12 19 45.2	+12 47 54	11.9b	3.2 x 2.9’	G SB(s)0-?	Vir
263	4270	H II 568?	12 19 49.5	+05 27 48	13.1b	2.3 x 1.0’	G S0	Vir
186	4271	H II 804	12 19 32.7	+56 44 12	13.6p	1.5 x 1.2’	G S0-:	UMa
187	4290	H II 805	12 20 47.5	+58 05 33	12.7p	2.3 x 1.5’	G SB(rs)ab:	UMa
309	4291	H I 275	12 20 17.7	+75 22 15	12.4b	1.9 x 1.5’	G E3	Dra
267	4294	H II 61	12 21 17.8	+11 30 37	12.5b	3.2 x 1.2’	G SB(s)cd	Vir
250	4298	H II 111	12 21 32.8	+14 36 24	**11.3v**	3.0 x 1.8’	G SA(rs)c	Com
267	4299	H II 62	12 21 40.8	+11 30 03	12.9b	1.7 x 1.5’	G SAB(s)dm:	Vir
250	4302	H II 112	12 21 42.3	+14 35 59	11.6v	5.8 x 0.7’	G Sc:	Com
245	4310	H II 378	12 22 26.3	+29 12 31	13.2p	2.2 x 1.1’	G (R’)SAB(r)0+?	Com
251	4312	H II 628	12 22 31.4	+15 32 16	12.5b	4.6 x 1.2’	G SA(rs)ab: sp	Com
267	4313	H II 63	12 22 38.6	+11 48 04	12.5b	4.0 x 1.0’	G SA(rs)ab: sp	Vir
309	4319	H I 276	12 21 43.9	+75 19 20	12.8p	2.9 x 2.3’	G SB(r)ab	Dra
252	4336	H II 406	12 23 29.8	+19 25 36	13.5p	2.0 x 0.9’	G SB0/a	Com
264	4339	H II 143	12 23 35.0	+06 04 54	12.3b	2.2 x 2.2’	G E0	Vir
253	4340	H II 85	12 23 35.2	+16 43 21	12.1b	3.5 x 2.7’	G SB(r)0+	Com
265	4343	H III 942	12 23 38.8	+06 57 15	13.1b	2.9 x 0.9’	G SA(rs)b:	Vir
246	4359	H III 648	12 24 11.7	+31 31 20	13.4p	4.0 x 0.9’	G SB(rs)c? sp	Com
233	4369	H I 166	12 24 36.2	+39 22 58	12.3b	2.1 x 2.1’	G (R)SA(rs)a	CVn
251	4379	H II 87	12 25 14.7	+15 36 27	12.6b	2.0 x 1.6’	G S0- pec:	Com
234	4395	H V 29.1	12 25 48.9	+33 32 51	10.6b	13.3 x 11.0’	G SA(s)m:	CVn
275	4487	H II 776	12 31 04.4	-08 03 15	13.0b	1.7 x 1.0’	G SAB(rs)cd	Vir
268	4517	H IV 5	12 32 45.6	+00 06 54	11.1b	10.7 x 1.5'	SA(s)cd: sp	Vir
269	4519	H II 158	12 33 30.3	+08 39 16	12.3b	3.5 x 2.4’	G SB(rs)d	Vir
254	4571	H III 602	12 36 56.4	+14 13 02	11.8b	3.6 x 3.1’	G SA(r)d	Com
270	4586	H I 125	12 38 28.4	+04 19 08	12.6b	4.0 x 1.3’	G SA(s)a: sp	Vir
188	4605	H I 254	12 39 59.4	+61 36 33	10.9b	5.7 x 2.1’	G SB(s)c pec	UMa
271	4608	H II 69	12 41 13.6	+10 09 23	12.0b	3.5 x 2.6’	G SB(r)0°	Vir
273	4612	H II 20 H II 148	12 41 32.7	+07 18 53	11.9b	2.4 x 1.9’	G (R)SAB0°	Vir
274	4639	H II 125	12 42 52.3	+13 15 26	12.2b	3.2 x 2.3’	G SAB(rs)bc:	Vir
272	4647	H III 44	12 43 32.5	+11 34 56	11.9b	2.9 x 2.3’	G SAB(rs)c	Vir

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276	4691	H II 182	12 48 13.4	-03 19 56	11.7b	3.2 x 2.4’	G (R)SB(s)0/a pec	Vir
277	4742	H I 133	12 51 48.0	-10 27 17	12.1b	2.6 x 1.4’	G E4:	Vir
278	4880	H III 83	13 00 10.5	+12 29 00	12.4p	3.1 x 2.4’	G SA(r)0+:	Vir
279	4902	H I 69	13 00 59.6	-14 30 48	11.6b	3.0 x 2.6’	G SB(r)b	Vir
281	4904	H II 517	13 00 58.5	-00 01 39	12.6b	2.2 x 1.4’	G SB(s)cd	Vir
235	4914	H II 645	13 00 42.9	+37 18 54	12.5b	3.5 x 1.9’	G E+/S0	CVn
282	4915	H IV 47	13 01 28.2	-04 32 48	13.0b	1.6 x 1.3’	G E0	Vir
284	4928	H II 190 H III 760	13 03 00.5	-08 05 06	13.3p	1.2 x 0.8’	G SA(s)bc pec	Vir
283	4939	H II 561	13 04 14.3	-10 20 24	11.9b	5.8 x 3.7’	G SA(s)bc	Vir
285	4941	H I 40	13 04 13.0	-05 33 06	11.9b	3.6 x 1.9’	G (R)SAB(r)ab:	Vir
236	4956	H II 413	13 05 00.9	+35 10 40	13.3b	1.5 x 1.5’	G S0	CVn
286	4981	H II 189	13 08 48.7	-06 46 44	12.1p	2.7 x 2.0’	G SAB(r)bc	Vir
280	4984	H II 301	13 08 57.2	-15 30 59	12.3b	4.2 x 2.6’	G (R)SAB(rs)0+	Vir
292	4999	H II 537	13 09 33.1	+01 40 23	12.6p	2.4 x 1.9’	G SB(r)b	Vir
255	5012	H I 85	13 11 37.0	+22 54 56	12.9p	2.9 x 1.7’	G SAB(rs)c	Com
287	5018	H II 746	13 13 01.0	-19 31 05	11.7b	3.3 x 2.4’	G E3:	Vir
293	5020	H II 129	13 12 39.9	+12 35 59	12.5p	3.4 x 2.9’	G SAB(rs)bc	Vir
237	5023	H II 664	13 12 11.8	+44 02 20	12.9b	6.7 x 0.7’	G Scd: sp	CVn
288	5037	H II 510	13 14 59.6	-16 35 27	12.2v	3.2 x 0.7	G SA(s)a:	Vir
288	5044	H II 511	13 15 24.0	-16 23 06	11.8p	2.9 x 2.9’	G E0	Vir
256	5053	H VI 7	13 16 26.9	+17 41 52	9	10’	GC Class XI	Com
257	5056	H III 306	13 16 12.3	+30 57 00	13.7b	2.2 x 1.0’	G Scd:	Com
160	5061	H I 138	13 18 04.8	-26 50 11	11.3b	3.5 x 2.9’	G E0/SA0-	Hya
289	5068	H II 312	13 18 54.6	-21 02 20	10.7b	7.3 x 6.5’	G SAB(rs)cd	Vir
294	5077	H II 193	13 19 31.6	-12 39 24	11.3v	2.8 x 2.3’	G E3-4	Vir
160	5078	H II 566	13 19 50.9	-27 24 28	12.0b	4.0 x 1.9’	G SA(s)a: sp	Hya
290	5084	H II 313	13 20 16.6	-21 49 39	11.6b	102 x 1.7’	G S0 sp	Vir
289	5087	H III 724	13 20 24.9	-20 36 40	12.4b	2.3 x 1.6’	G E+/S0	Vir
238	5103	H II 665	13 20 30.1	+43 05 02	13.6p	1.4 x 0.9’	G S:	CVn
295	5129	H II 653	13 24 10.0	+13 58 35	13.0b	1.6 x1.3’	G E	Vir
291	5134	H II 314	13 25 18.5	-21 08 04	12.1b	2.9 x 1.7’	G (R)SAB(r)a	Vir
189	5204	H IV 63	13 29 36.4	+58 25 09	11.7b	5.0 x 3.0’	G SA(s)m	UMa
190	5308	H I 255	13 47 00.4	+60 58 23	12.3b	3.7 x 0.6’	G S0- sp	UMa
239	5371	H II 716	13 55 39.9	+40 27 42	10.5v	5.5 x 4.0’	G SAB(rs)bc	CVn
240	5383	H I 181	13 57 04.9	+41 50 46	12.1b	3.1 x 2.6’	G (R’)SB(rs)b: p	CVn
296	5426	H II 309	14 03 25.0	-06 04 09	12.7b	3.0 x 1.6’	G SA(s)c pec	Vir
191	5430	H II 827	14 00 46.0	+59 19 45	12.7p	2.2 x 1.1’	G SB(s)b	UMa
241	5440	H II 416	14 03 01.1	+34 45 26	13.2	4.1 x 1.6’	G Sa	CVn
192	5443	H II 799	14 02 11.7	+55 48 49	13.1p	3.2 x 1.2’	G Sdm?	UMa
241	5444	H II 417	14 03 24.2	+35 07 54	12.8b	2.4 x 2.0’	G E+:	CVn

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
241	5445	H III 413	14 03 31.6	+35 01 29	14.0p	1.8 x 0.6’	G S0?	CVn
193	5447	H III 787	14 02 27.9	+54 16 34	-	1.0 x 0.5’	KNT	UMa
194	5448	H II 691	14 02 50.3	+49 10 21	11.9b	4.0 x 1.7’	G (R)SAB(r)a	UMa
193	5462	H III 789	14 03 52.9	+54 21 53	-	1.7 x 0.8’	KNT	UMa
195	5480	H II 692	14 06 21.8	+50 43 29	12.8p	2.1 x 1.6’	G SA(s)c:	UMa
317	5481	H II 693	14 06 41.4	+50 43 23	13.3p	1.6 x 1.2’	G E+	Boo
196	5485	H I 232	14 07 11.4	+55 00 07	12.8	2.4 x 1.8’	G SA0 pec	UMa
319	5490	H III 32	14 09 57.3	+17 32 44	13.1b	2.4 x 1.9	G E	Boo
297	5493	H IV 46	14 11 29.3	-05 02 37	12.3b	1.6 x 1.2’	G S0 pec sp	Vir
298	5506	H II 687	14 13 14.8	-03 12 27	12.8b	2.8 x 0.8’	G Sa pec sp	Vir
298	5507	H IV 49	14 13 19.8	-03 08 56	13.5b	1.5 x 0.7’	G SAB(r)0°	Vir
318	5520	H III 676	14 12 22.8	+50 20 54	13.3P	2.2 X 1.0’	G Sb	Boo
321	5523	H III 134	14 14 51.7	+25 19 05	12.8p	4.6 x 1.2’	G SA(s)cd:	Boo
323	5529	H III 414	14 15 34.2	+36 13 35	12.8b	6.2 x 0.8’	G Sc: sp	Boo
324	5533	H II 418	14 16 07.7	+35 20 37	12.7b	4.3 x 2.7’	G SA(rs)ab	Boo
322	5548	H II 194	14 17 59.6	+25 08 13	13.3b	1.4 x 1.2’	G (R’)SA(s)0/a	Boo
299	5560	H II 579	14 20 04.6	+03 59 32	12.4v	4.3 x 1.2’	G SB(s)b pec	Vir
326	5582	H II 754	14 20 43.2	+39 41 36	12.5b	2.8 x 1.7’	G E	Boo
197	5585	H I 235	14 19 48.3	+56 43 45	11.2b	6.1 x 3.8’	G SAB(s)d	UMa
325	5590	H III 417	14 21 38.3	+35 12 17	13.3p	2.0 x 1.6’	G S0	Boo
331	5595	H III 121	14 24 13.3	-16 43 23	12.6b	2.2 x 1.2’	G SAB(rs)c	Lib
331	5597	H III 122	14 24 27.5	-16 45 46	12.6b	2.1 x 1.6’	G SAB(s)cd	Lib
320	5600	H II 177	14 23 49.5	+14 38 20	12.7p	1.4 x 1.3’	G Sc pec	Boo
328	5602	H II 694	14 22 18.9	+50 30 05	13.6p	1.4 x 0.7’	G Sa	Boo
332	5605	H III 120	14 25 07.6	-13 09 48	12.9b	1.6 x 1.3’	G(R’)SAB(rs)c p	Lib
300	5638	H II 581	14 29 40.5	+03 13 59	11.2v	2.7 x 2.4’	G E1	Vir
329	5660	H II 695	14 29 49.8	+49 37 20	12.4b	2.8 x 2.7’	G SAB(rs)c	Boo
301	5668	H II 574	14 33 24.4	+04 27 01	12.2b	3.3 x 3.0’	G SA(s)d	Vir
330	5687	H II 808	14 34 52.3	+54 28 33	12.6b	2.4 x 1.6’	G S0-?	Boo
333	5728	H I 184	14 42 24.0	-17 15 10	12.3b	3.1 x 1.7’	G SAB(r)a:	Lib
302	5750	H I 183	14 46 11.1	-00 13 25	12.5b	3.0 x 1.5’	G SB(r)0/a	Vir
303	5775	H III 554	14 53 57.5	+03 32 42	12.2b	4.2 x 1.0’	G SBc? sp	Vir
334	5791	H III 691	14 58 46.2	-19 16 01	12.7b	2.6 x 1.3’	G E4/S0-	Lib
304	5806	H II 539	15 00 00.3	+01 53 28	12.4b	3.0 x 1.5’	G SAB(s)b	Vir
335	5812	H I 71	15 00 55.7	-07 27 26	12.2b	2.1 x 1.8’	G E0	Lib
304	5813	H I 127	15 01 11.2	+01 42 07	11.5b	4.1 x 2.9’	G E1-2	Vir
305	5831	H II 540	15 04 07.0	+01 13 11	11.5v	2.0 x 1.7’	G E3	Vir
305	5838	H II 542	15 05 26.2	+02 05 58	11.9b	4.1 x 1.4’	G SA0-	Vir
305	5850	H II 543	15 07 07.8	+01 32 47	10.7v	4.6 x 4.1’	G SB(r)b	Vir
306	5854	H II 544 H II 585	15 07 47.6	+02 34 06	12.7b	2.7 x 0.7’	G SB(s)0+ sp	Vir
336	5861	H II 192	15 09 16.0	-11 19 20	12.3p	3.0 x 1.6’	G SAB(rs)c	Lib

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337	5878	H III 736	15 13 45.7	-14 16 10	12.4b	3.5 x 1.4’	G SA(s)b	Lib
313	5879	H II 757	15 09 47.0	+57 00 05	11.5v	4.2 x 1.4’	G SA(rs)bc:?	Dra
327	5899	H II 650	15 15 03.2	+42 02 58	12.5b	3.2 x 1.2’	G SAB(rs)c	Boo
345	5970	H II 76	15 38 30.1	+12 11 12	12.2b	2.9 x 1.9’	G SB(r)c	Ser
314	5985	H II 766	15 39 37.0	+59 19 55	11.9b	5.5 x 2.9’	G SAB(r)b	Dra
315	6015	H III 739	15 51 25.2	+62 18 35	11.7b	5.4 x 2.1’	G SA(s)cd	Dra
338	6058	H III 637	16 04 26.4	+40 40 59	13.3p	35”	PN 3 + 2	Her
346	6070	H III 553	16 09 58.6	+00 42 32	12.5b	3.5 x 1.8’	G SA(s)cd	Ser
339	6106	H II 151	16 18 47.3	+07 24 40	12.8b	2.5 x 1.3’	G SA(s)c	Her
340	6155	H II 690	16 26 08.5	+48 21 59	13.2p	1.3 x 0.8’	G S?	Her
341	6166	H II 875	16 28 38.4	+39 33 05	12.8b	2.2 x 1.5’	G cD/E	Her
343	6181	H II 753	16 32 21.2	+19 49 32	12.5b	2.5 x 1.1’	G SA(rs)c	Her
342	6239	H III 727	16 50 05.6	+42 44 22	12.9b	3.3 x 1.2’	G SB(s)b pec?	Her
316	6340	H II 767	17 10 25.1	+72 18 17	11.9b	3.2 x 2.9’	G SA(s)0/a	Dra
348	6507	H VIII 53	17 59 50	-17 23 00	9.6	6’	OC IV 3 m	Sgr
349	6526	H V 9	18 04 27	-23 32 00	-	52 x 36’	EN	Sgr
344	6548	H III 555	18 05 59.1	+18 35 14	12.7b	2.9 x 2.7’	G SB0	Her
350	6596	H VIII 55	18 17 33	-16 39 00		10.0'	OC III 2 m	Sgr
347	6604	H VIII 15	18 18 03	-12 14 35	6.5	6’	OC I 3 m n	Ser
351	6717	H III 143	18 55 060	-22 42 06	8.4	5.4’	GC Class VIII	Sgr
352	6772	H IV 14	19 14 36.2	-02 42 24	14.2p	84”	PN 3b + 2	Aql
366	6793	H VIII 81	19 23 14	+22 08 55	-	7’	OC III 2 p	Vul
367	6800	H VIII 21	19 27 07	+25 05 03	-	5’	OC IV 1 p	Vul
353	6804	H VI 38	19 31 35.3	+09 13 31	12.2p	35”	PN 4 + 2	Aql
354	6814	H III 744	19 42 40.6	-10 19 23	12.1b	3.0 x 2.7’	G SAB(rs)bc	Aql
355	6824	H II 878	19 43 40.9	+56 06 33	13.0b	1.9 x 1.5’	G SA(s)b:	Cyg
356	6857	H III 144	20 01 47.6	+33 31 38	11.4p	38”	EN	Cyg
357	6888	H IV 72	20 12 01.0	+38 23 00	7.4b	18 x 8’	EN W-R Ring	Cyg
358	6894	H IV 13	20 16 23.9	+30 33 55	14.4p	60”	PN 4 + 2	Cyg
376	6907	H III 141	20 25 06.7	-24 48 32	11.9b	3.3 x 2.9’	G SB(s)bc	Cap
359	6960	H V 15	20 45 58	+30 43 00		70 x 6’	SNR	Cyg
361	6991	H VIII 76	20 54 56	+47 25 00		25'	OC III 2 m n	Cyg
360	6992	H V 14	20 56 19	+31 30 00		60 x 8’	SNR	Cyg
362	6997	H VIII 58	20 56 39	+44 39 00	10	8’	OC III 2 m n	Cyg
368	7023	H IV 74	21 01 36	+68 10 00	7.2b	14’	RN	Cep
363	7031	H VIII 74	21 07 12	+50 51 00	9.1	15’	OC III 2 m	Cyg
20	7042	H III 209	21 13 45.8	+13 34 30	12.8p	2.0 x 1.7’	G Sb	Peg
364	7067	H VII 50	21 24 23	+48 01 00	9.7	3’	OC II 1 p	Cyg
365	7082	H VII 52	21 29 17	+47 05 00	7.2	24’	OC IV 2 p	Cyg
369	7129	H IV 75	21 42 59	+66 05 00	11.5b	8’	OC IV 2 p n	Cep
370	7139	H III 696	21 46 08.6	+63 47 29	13.3p	77”	PN 3b	Cep
21	7156	H III 452	21 54 33.6	+02 56 35	13.1b	1.6 x 1.3’	G SAB(rs)cd:	Peg

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377	7171	H III 692	22 01 02.0	-13 16 11	12.9b	2.6 x 1.5’	G SB(rs)b	Aqr
22	7177	H II 247	22 00 41.2	+17 44 17	12.0b	3.1 x 2.0’	G SAB(r)b	Peg
378	7184	H II 1	22 02 39.8	-20 48 46	11.7b	6.0 x 1.4’	G SB(r)c	Aqr
379	7218	H II 897	22 10 11.7	-16 39 36	12.7p	2.7 x 1.3’	G SB(rs)cd	Aqr
375	7245	H VI 29	22 15 16	+54 20 00	9.2	5’	OC II 2 m	Lac
23	7332	H II 233	22 37 24.5	+23 47 54	12.0b	4.0 x 1.1’	G S0 pec sp	Peg
371	7354	H II 705	22 40 19.9	+61 17 07	12.9p	36”	PN 4 + 3b	Cep
380	7377	H II 598	22 47 47.4	-22 18 38	12.1b	2.9 x 2.4’	G SA(s)0+	Aqr
381	7392	H II 702	22 51 48.7	-20 36 26	12.6b	2.1 x 1.2’	G (R')SB(rs)ab	Aqr
372	7419	H VII 43	22 54 20.1	+60 48 55	13	6’	OC I 2 m	Cep
24	7457	H II 212	23 01 00.0	+30 08 42	12.1b	4.3 x 2.3’	G SA(rs)0-?	Peg
25	7463	H III 210	23 01 52.0	+15 58 55	13.8b	3.7 x 0.7’	G SABb: pec	Peg
25	7465	H III 211	23 02 01.0	+15 57 54	12.6v	2.2 x 1.8’	G (R’)SB(s)0°:	Peg
382	7492	H III 558	23 08 26.7	-15 36 41	11.2v	4.2’	GC Class XII	Aqr
33	7507	H II 2	23 12 07.6	-28 32 26	11.4b	2.7 x 2.6’	G E0	Scl
35	7541	H II 430	23 14 43.9	+04 32 04	12.4b	3.5 x 1.2’	G SB(rs)bc: pec	Psc
36	7562	H II 467	23 15 57.5	+06 41 15	12.6b	2.2 x 1.4’	G E2-3	Psc
383	7600	H II 431	23 18 53.8	-07 34 50	12.9b	2.7 x 1.1’	G S0- sp	Aqr
26	7619	H II 439	23 20 14.5	+08 12 22	11.0v	2.5 x 2.3’	G E	Peg
26	7623	H III 435	23 20 30.0	+08 23 45	13.9b	2.1 x 1.4’	G SA0°:	Peg
26	7626	H II 440	23 20 42.3	+08 13 02	11.1v	2.2 x 2.0’	G E pec:	Peg
64	7635	H IV 52	23 20 45	+61 11.7	~10.5	15 x 8’	EN	Cas
29	7640	H II 600	23 22 06.6	+40 50 44	11.9b	11.6 x 1.9’	G SB(s)c	And
27	7742	H II 255	23 44 15.7	+10 46 01	12.4b	1.7 x 1.7’	G SA(r)b	Peg
373	7762	H VII 55	23 50 01	+68 01 00	10	11’	OC II 2 m	Cep
37	7785	H II 468	23 55 19.0	+05 54 57	12.6b	2.4 x 1.3’	G E5-6	Psc
38	7832	H III 190	00 06 28.5	-03 42 58	13.3	1.9 x 1.0’	G E+	Psc

The Herschel 400 Part II List (sorted by constellation)

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
30	206	H V 36	00 40 31.3	+40 44 22	-	4.0 x 2.5’	KNT	And
31	214	H II 209	00 41 28.0	+25 29 58	13.0b	1.8 x 1.3’	G SAB(r)c	And
32	513	H III 169	01 24 26.8	+33 47 59	13.9p	0.9 x 0.6’	G Sb/c	And
29	7640	H II 600	23 22 06.6	+40 50 44	11.9b	11.6 x 1.9’	G SB(s)c	And
352	6772	H IV 14	19 14 36.2	-02 42 24	14.2p	84”	PN 3b + 2	Aql
353	6804	H VI 38	19 31 35.3	+09 13 31	12.2p	35”	PN 4 + 2	Aql
354	6814	H III 744	19 42 40.6	-10 19 23	12.1b	3.0 x 2.7’	G SAB(rs)bc	Aql
377	7171	H III 692	22 01 02.0	-13 16 11	12.9b	2.6 x 1.5’	G SB(rs)b	Aqr
378	7184	H II 1	22 02 39.8	-20 48 46	11.7b	6.0 x 1.4’	G SB(r)c	Aqr
379	7218	H II 897	22 10 11.7	-16 39 36	12.7p	2.7 x 1.3’	G SB(rs)cd	Aqr
380	7377	H II 598	22 47 47.4	-22 18 38	12.1b	2.9 x 2.4’	G SA(s)0+	Aqr
381	7392	H II 702	22 51 48.7	-20 36 26	12.6b	2.1 x 1.2’	G (R')SB(rs)ab	Aqr
382	7492	H III 558	23 08 26.7	-15 36 41	11.2v	4.2’	GC Class XII	Aqr
383	7600	H II 431	23 18 53.8	-07 34 50	12.9b	2.7 x 1.1’	G S0- sp	Aqr
84	821	H I 152	02 08 21.1	+10 59 41	11.7b	2.5 x 1.5’	G E6?	Ari
85	1012	H III 152	02 39 14.9	+30 09 05	13.0p	3.1 x 1.5’	G S0/a?	Ari
86	1156	H II 619	02 59 42.3	+25 14 15	12.3b	3.3 x 2.4’	G IB(s)m	Ari
107	1778	H VIII 61	05 08 06	+37 01 24	7.7	6.0’	OC III 2 p	Aur
108	1883	H VII 34	05 25 54	+46 29 24	12	2.5’	OC II 1 m	Aur
109	1985	H III 865	05 37 47.8	+31 59 20	12.8v	0.7’	RN	Aur
110	2192	H VII 57	06 15 18	+39 51 18	10.9	5.0’	OC II 2 m	Aur
317	5481	H II 693	14 06 41.4	+50 43 23	13.3p	1.6 x 1.2’	G E+	Boo
319	5490	H III 32	14 09 57.3	+17 32 44	13.1b	2.4 x 1.9	G E	Boo
318	5520	H III 676	14 12 22.8	+50 20 54	13.3P	2.2 X 1.0’	G Sb	Boo
321	5523	H III 134	14 14 51.7	+25 19 05	12.8p	4.6 x 1.2’	G SA(s)cd:	Boo
323	5529	H III 414	14 15 34.2	+36 13 35	12.8b	6.2 x 0.8’	G Sc: sp	Boo
324	5533	H II 418	14 16 07.7	+35 20 37	12.7b	4.3 x 2.7’	G SA(rs)ab	Boo
322	5548	H II 194	14 17 59.6	+25 08 13	13.3b	1.4 x 1.2’	G (R’)SA(s)0/a	Boo
326	5582	H II 754	14 20 43.2	+39 41 36	12.5b	2.8 x 1.7’	G E	Boo
325	5590	H III 417	14 21 38.3	+35 12 17	13.3p	2.0 x 1.6’	G S0	Boo
320	5600	H II 177	14 23 49.5	+14 38 20	12.7p	1.4 x 1.3’	G Sc pec	Boo
328	5602	H II 694	14 22 18.9	+50 30 05	13.6p	1.4 x 0.7’	G Sa	Boo
329	5660	H II 695	14 29 49.8	+49 37 20	12.4b	2.8 x 2.7’	G SAB(rs)c	Boo
330	5687	H II 808	14 34 52.3	+54 28 33	12.6b	2.4 x 1.6’	G S0-?	Boo
327	5899	H II 650	15 15 03.2	+42 02 58	12.5b	3.2 x 1.2’	G SAB(rs)c	Boo
103	2347	H III 746	07 16 04.0	+64 42 41	13.2b	1.7 x 1.2’	G (R’)SA(r)b:	Cam
104	2366	H III 748	07 28 55.0	+69 12 57	11.5b	8.2 x 3.3’	G IB(s)m	Cam
376	6907	H III 141	20 25 06.7	-24 48 32	11.9b	3.3 x 2.9’	G SB(s)bc	Cap
65	896	H III 695	02 25 28	+62 01 09	-	27 x 13’	EN	Cas
64	7635	H IV 52	23 20 45	+61 11.7	~10.5	15 x 8’	EN	Cas
374	1184	H II 704	03 16 45.4	+80 47 36	13.4p	2.8 x 0.5’	G S0/a	Cep

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
368	7023	H IV 74	21 01 36	+68 10 00	7.2b	14’	RN	Cep
369	7129	H IV 75	21 42 59	+66 05 00	11.5b	8’	OC IV 2 p n	Cep
370	7139	H III 696	21 46 08.6	+63 47 29	13.3p	77”	PN 3b	Cep
371	7354	H II 705	22 40 19.9	+61 17 07	12.9p	36”	PN 4 + 3b	Cep
372	7419	H VII 43	22 54 20.1	+60 48 55	13	6’	OC I 2 m	Cep
373	7762	H VII 55	23 50 01	+68 01 00	10	11’	OC II 2 m	Cep
50	151	H II 478	00 34 02.5	-09 42 20	12.3b	3.7 x 1.6’	G SB(r)bc	Cet
54	175	H III 223?	00 37 21.6	-19 56 04	12.9b	2.1 x 1.8’	G SB(r)ab	Cet
51	217	H II 480	00 41 33.8	-10 01 20	13.5	2.6 x 0.6’	G S0/a: sp	Cet
52	337	H II 433	00 59 50.3	-07 34 43	12.1b	2.9 x 1.8’	G SB(s)d	Cet
53	357	H II 434	01 03 21.9	-06 20 22	12.0v	2.4 x 1.7’	G SB(r)0/a:	Cet
55	428	H II 622	01 12 55.6	+00 58 54	11.9b	4.1 x 3.1’	G SAB(s)m	Cet
56	636	H II 283	01 39 06.5	-07 30 46	12.4b	2.8 x 2.1’	G E3	Cet
57	991	H III 434	02 35 32.2	-07 09 16	12.4p	2.7 x 2.4’	G SAB(rs)c	Cet
60	1032	H II 5	02 39 23.6	+01 05 37	12.6b	3.3 x 1.1’	G S0/a sp	Cet
58	1035	H II 284	02 39 29.0	-08 07 57	12.9b	2.6 x 0.9’	G SA(s)c?	Cet
59	1045	H II 488	02 40 29.1	-11 16 39	12.9	2.3 x 1.2’	G SA0- pec?	Cet
61	1070	H II 273	02 43 22.2	+04 58 05	12.7p	2.3 x 1.9’	G Sb	Cet
62	1073	H III 455	02 43 40.3	+01 22 33	11.5b	4.9 x 4.4’	G SB(rs)c	Cet
63	1087	H II 466	02 46 25.1	-00 29 55	11.5b	3.7 x 2.2’	G SAB(rs)c	Cet
63	1090	H II 465	02 46 33.9	-00 14 50	12.5b	4.0 x 1.7’	G SB(rs)bc	Cet
136	2283	H III 271	06 45 52.7	-18 12 37	12.9p	3.6 x 2.7’	G SB(s)cd	CMa
137	2359	H V 21	07 18 31	-13 14 00		13 x 11’	EN W-R Ring	CMa
139	2367	H VIII 27	07 20 05	-21 53 00	7.9	3.5’	OC II 3 m	CMa
138	2374	H VIII 35	07 23 56	-13 15 48	8	19’	OC IV 2 p	CMa
242	4136	H II 321	12 09 17.7	+29 55 39	11.7p	4.0 x 4.0’	G SAB(r)c	Com
247	4152	H II 83	12 10 37.5	+16 01 59	12.7b	2.5 x 2.0’	G SAB(rs)c	Com
243	4169	H III 358	12 12 18.7	+29 10 46	13.2b	2.3 x 1.2’	G S0/a	Com
244	4185	H II 373	12 13 22.1	+28 30 40	12.9p	2.6 x 1.9’	G Sbc	Com
248	4189	H II 106	12 13 47.5	+13 25 33	11.7v	2.5 x 2.0’	G SAB(rs)cd?	Com
248	4212	H II 108	12 15 39.3	+13 54 05	11.8b	3.8 x 2.1’	G SAc:	Com
249	4237	H II 11	12 17 11.4	+15 19 26	11.6v	2.5 x 1.7’	G SAB(rs)bc	Com
250	4298	H II 111	12 21 32.8	+14 36 24	**11.3v**	3.0 x 1.8’	G SA(rs)c	Com
250	4302	H II 112	12 21 42.3	+14 35 59	11.6v	5.8 x 0.7’	G Sc:	Com
245	4310	H II 378	12 22 26.3	+29 12 31	13.2p	2.2 x 1.1’	G (R’)SAB(r)0+?	Com
251	4312	H II 628	12 22 31.4	+15 32 16	12.5b	4.6 x 1.2’	G SA(rs)ab: sp	Com
252	4336	H II 406	12 23 29.8	+19 25 36	13.5p	2.0 x 0.9’	G SB0/a	Com
253	4340	H II 85	12 23 35.2	+16 43 21	12.1b	3.5 x 2.7’	G SB(r)0+	Com
246	4359	H III 648	12 24 11.7	+31 31 20	13.4p	4.0 x 0.9’	G SB(rs)c? sp	Com
251	4379	H II 87	12 25 14.7	+15 36 27	12.6b	2.0 x 1.6’	G S0- pec:	Com
254	4571	H III 602	12 36 56.4	+14 13 02	11.8b	3.6 x 3.1’	G SA(r)d	Com
255	5012	H I 85	13 11 37.0	+22 54 56	12.9p	2.9 x 1.7’	G SAB(rs)c	Com

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
256	5053	H VI 7	13 16 26.9	+17 41 52	9	10’	GC Class XI	Com
257	5056	H III 306	13 16 12.3	+30 57 00	13.7b	2.2 x 1.0’	G Scd:	Com
221	3511	H V 39	11 03 23.7	-23 05 11	10.9v	6.2 x 2.1’	G SA(s)c	Crt
221	3513	H V 40	11 03 46.0	-23 14 38	11.4v	3.0 x 2.3’	G SB(rs)c	Crt
222	3636	H II 550	11 20 25.1	-10 16 55	13.3b	1.3’	G E0	Crt
222	3637	H II 551	11 20 39.5	-10 15 27	13.6b	1.8 x 1.5’	G (R)SB(r)0°	Crt
223	3672	H I 131	11 25 02.5	-09 47 40	12.1b	4.1 x 1.9’	G SA(s)c	Crt
224	3693	H III 532	11 28 11.5	-13 11 41	13.1	3.2 x 0.6’	G (R’)SA(r)b	Crt
225	3732	H II 552	11 34 13.9	-09 50 44	12.5v	1.2 x 1.2’	G SAB(s)0/a:	Crt
226	3887	H I 120	11 47 04.7	-16 51 16	11.4b	3.3 x 2.5’	G SB(r)bc	Crt
227	3892	H II 553	11 48 00.9	-10 57 43	12.5p	2.9 x 2.4’	G SB(rs)0+	Crt
228	4024	H II 295	11 58 31.2	-18 20 50	11.7v	2.0 x 1.6’	G SAB0-	Crv
229	4039	H IV 28.2	12 01 54.0	-18 53 03	11.1p	4.0 x 2.2’	G SA(s)m pec	Crv
230	4138	H I 196	12 09 29.9	+43 41 07	12.2b	3.0 x 2.4’	G SA(r)0+	CVn
231	4217	H II 748	12 15 50.6	+47 05 33	11.1v	5.7 x 1.6’	G SAb sp	CVn
231	4220	H I 209	12 16 11.7	+47 53 00	12.3b	3.9 x 1.3’	G SA(r)0+	CVn
232	4244	H V 41	12 17 29.4	+37 48 24	10.3v	17.7 x 1.9’	G SA(s)cd: sp	CVn
231	4248	H II 742	12 17 50.4	+47 24 36	12.5v	3.1 x 1.1’	G I0 sp	CVn
233	4369	H I 166	12 24 36.2	+39 22 58	12.3b	2.1 x 2.1’	G (R)SA(rs)a	CVn
234	4395	H V 29.1	12 25 48.9	+33 32 51	10.6b	13.3 x 11.0’	G SA(s)m:	CVn
235	4914	H II 645	13 00 42.9	+37 18 54	12.5b	3.5 x 1.9’	G E+/S0	CVn
236	4956	H II 413	13 05 00.9	+35 10 40	13.3b	1.5 x 1.5’	G S0	CVn
237	5023	H II 664	13 12 11.8	+44 02 20	12.9b	6.7 x 0.7’	G Scd: sp	CVn
238	5103	H II 665	13 20 30.1	+43 05 02	13.6p	1.4 x 0.9’	G S:	CVn
239	5371	H II 716	13 55 39.9	+40 27 42	10.5v	5.5 x 4.0’	G SAB(rs)bc	CVn
240	5383	H I 181	13 57 04.9	+41 50 46	12.1b	3.1 x 2.6’	G (R’)SB(rs)b: p	CVn
241	5440	H II 416	14 03 01.1	+34 45 26	13.2	4.1 x 1.6’	G Sa	CVn
241	5444	H II 417	14 03 24.2	+35 07 54	12.8b	2.4 x 2.0’	G E+:	CVn
241	5445	H III 413	14 03 31.6	+35 01 29	14.0p	1.8 x 0.6’	G S0?	CVn
355	6824	H II 878	19 43 40.9	+56 06 33	13.0b	1.9 x 1.5’	G SA(s)b:	Cyg
356	6857	H III 144	20 01 47.6	+33 31 38	11.4p	38”	EN	Cyg
357	6888	H IV 72	20 12 01.0	+38 23 00	7.4b	18 x 8’	EN W-R Ring	Cyg
358	6894	H IV 13	20 16 23.9	+30 33 55	14.4p	60”	PN 4 + 2	Cyg
359	6960	H V 15	20 45 58	+30 43 00		70 x 6’	SNR	Cyg
361	6991	H VIII 76	20 54 56	+47 25 00		25'	OC III 2 m n	Cyg
360	6992	H V 14	20 56 19	+31 30 00		60 x 8’	SNR	Cyg
362	6997	H VIII 58	20 56 39	+44 39 00	10	8’	OC III 2 m n	Cyg
363	7031	H VIII 74	21 07 12	+50 51 00	9.1	15’	OC III 2 m	Cyg
364	7067	H VII 50	21 24 23	+48 01 00	9.7	3’	OC II 1 p	Cyg
365	7082	H VII 52	21 29 17	+47 05 00	7.2	24’	OC IV 2 p	Cyg
307	3682	H I 262	11 27 41.2	+66 35 23	13.3b	1.6 x 1.0’	G SA(s)0/a:?	Dra
308	4133	H I 278	12 08 49.9	+74 54 15	13.1p	1.8 x 1.3’	G SABb:	Dra

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
310	4236	H V 51	12 16 43.5	+69 27 34	10.1b	22 x 7.2′	G SB(s)dm	Dra
311	4250	H I 264	12 17 26.2	+70 48 09	12.8p	2.7 x 2.1′	G SAB(r)0+	Dra
312	4256	H II 846	12 18 42.9	+65 53 54	12.7p	4.5 x 0.7′	G SA(s)b: sp	Dra
309	4291	H I 275	12 20 17.7	+75 22 15	12.4b	1.9 x 1.5′	G E3	Dra
309	4319	H I 276	12 21 43.9	+75 19 20	12.8p	2.9 x 2.3′	G SB(r)ab	Dra
313	5879	H II 757	15 09 47.0	+57 00 05	11.5v	4.2 x 1.4′	G SA(rs)bc:?	Dra
314	5985	H II 766	15 39 37.0	+59 19 55	11.9b	5.5 x 2.9′	G SAB(r)b	Dra
315	6015	H III 739	15 51 25.2	+62 18 35	11.7b	5.4 x 2.1′	G SA(s)cd	Dra
316	6340	H II 767	17 10 25.1	+72 18 17	11.9b	3.2 x 2.9′	G SA(s)0/a	Dra
87	1114	H III 449	02 49 07.2	-16 59 39	13.6	1.7 x 0.7′	G SA(r)c:	Eri
88	1162	H III 469	02 58 55.9	-12 23 55	13.5	1.3 x 1.2′	G E:	Eri
89	1172	H II 502	03 01 36.0	-14 50 12	12.7b	2.3 x 1.7′	G E+:	Eri
92	1187	H III 245	03 02 37.4	-22 52 03	11.3v	5.5 x 4.0′	G SB(r)c	Eri
90	1199	H II 503	03 03 38.4	-15 36 50	11.3v	2.4 x 1.9′	G E3:	Eri
91	1209	H II 504	03 06 03.0	-15 36 41	12.4b	2.3 x 1.1′	G E6:	Eri
93	1325	H IV 77	03 24 25.6	-21 32 36	12.2b	4.7 x 1.5′	G SA(s)bc	Eri
93	1332	H I 60	03 26 17.1	-21 20 04	11.3b	4.6 x 1.4′	G S(s)0-: sp	Eri
94	1353	H III 246	03 32 03.0	-20 49 05	12.4b	3.3 x 1.3′	G SB(rs)bc	Eri
95	1400	H II 593	03 39 30.8	-18 41 17	10.9v	2.5 x 2.4′	G SA0-	Eri
96	1421	H II 291	03 42 29.4	-13 29 20	12	3.5 x 0.8′	G SAB(rs)bc:	Eri
97	1507	H II 279	04 04 27.1	-02 11 21	12.9b	3.6 x 0.8′	G SB(s)m pec?	Eri
98	1600	H I 158	04 31 39.9	-05 05 10	10.9v	3.0 x 2.5′	G E3	Eri
99	1618	H II 524	04 36 06.5	-03 08 56	12.7v	2.8 x 0.9′	G SB(r)b:	Eri
100	1637	H I 122	04 41 28.0	-02 51 29	11.5b	4.0 x 3.2′	G SA(rs)cd	Eri
101	1700	H IV 32	04 56 56.2	-04 51 56	12.2b	3.3 x 2.0′	G E4	Eri
102	1779	H III 500	05 05 18.0	-09 08 50	13	2.3 x 1.2′	G (R′)SAB(r)0/a?	Eri
121	2274	H II 615	06 47 17.3	+33 34 02	13.1p	1.2 x 1.0′	G E	Gem
122	2331	H VIII 40	07 07 00	+27 17 43	8.5	18′	OC IV 2 m	Gem
123	2339	H II 769	07 08 20.5	+18 46 49	12.5b	2.8 x 2.0′	G SAB(rs)bc	Gem
338	6058	H III 637	16 04 26.4	+40 40 59	13.3p	35″	PN 3 + 2	Her
339	6106	H II 151	16 18 47.3	+07 24 40	12.8b	2.5 x 1.3′	G SA(s)c	Her
340	6155	H II 690	16 26 08.5	+48 21 59	13.2p	1.3 x 0.8′	G S?	Her
341	6166	H II 875	16 28 38.4	+39 33 05	12.8b	2.2 x 1.5′	G cD/E	Her
343	6181	H II 753	16 32 21.2	+19 49 32	12.5b	2.5 x 1.1′	G SA(rs)c	Her
342	6239	H III 727	16 50 05.6	+42 44 22	12.9b	3.3 x 1.2′	G SB(s)b pec?	Her
344	6548	H III 555	18 05 59.1	+18 35 14	12.7b	2.9 x 2.7′	G SB0	Her
149	2610	H IV 35	08 33 23.4	-16 08 57	13.6p	58″	PN 4 + 2	Hya
150	2765	H II 520	09 07 36.6	+03 23 34	13.1p	2.1 x 1.1′	G S0	Hya
151	2781	H I 66	09 11 27.4	-14 49 01	12.5b	3.4 x 1.5′	G SAB(r)0+	Hya
152	2784	H I 59	09 12 19.2	-24 10 18	11.3b	6.2 x 2.2′	G SA(s)0°:	Hya
153	2855	H I 132	09 21 27.5	-11 54 37	12.6b	2.4 x 2.1′	G (R)SA(rs)0/a	Hya
154	2889	H II 555	09 27 12.5	-11 38 37	12.4b	2.1 x 1.8′	G SAB(rs)c	Hya

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
155	2986	H II 311	09 44 15.9	-21 16 41	11.7b	3.1 x 2.6’	G E2	Hya
156	3078	H II 268	09 58 24.5	-26 55 36	12.1b	2.5 x 2.0’	G E2-3	Hya
157	3145	H III 518	10 10 10.0	-12 26 02	12.5b	3.0 x 1.5’	G SB(rs)bc	Hya
158	3585	H II 269	11 13 17.1	-26 45 18	10.9b	4.6 x 2.5’	G E7/S0	Hya
159	4105	H II 865	12 06 40.7	-29 45 38	11.6b	2.7 x 2.0’	G E3	Hya
160	5061	H I 138	13 18 04.8	-26 50 11	11.3b	3.5 x 2.9’	G E0/SA0-	Hya
160	5078	H II 566	13 19 50.9	-27 24 28	12.0b	4.0 x 1.9’	G SA(s)a: sp	Hya
375	7245	H VI 29	22 15 16	+54 20 00	9.2	5’	OC II 2 m	Lac
201	3067	H II 492	09 58 21.3	+32 22 10	12.8b	2.4 x 0.9’	G SAB(s)ab?	Leo
202	3107	H II 898	10 04 22.4	+13 37 17	14.2p	0.8 x 0.6’	G Sbc:	Leo
203	3162	H II 43	10 13 31.6	+22 44 15	12.2b	3.0 x 2.4’	G SAB(rs)bc	Leo
204	3177	H III 255	10 16 34.1	+21 07 23	13.0b	1.4 x 1.1’	G SA(rs)b	Leo
205	3274	H II 358	10 32 17.1	+27 40 07	13.2b	2.3 x 1.4’	G SABd?	Leo
206	3301	H II 46	10 36 56.0	+21 52 55	12.3b	3.5 x 1.0’	G (R’)SB(rs)0/a	Leo
207	3338	H II 77	10 42 07.5	+13 44 49	11.6b	5.8 x 3.5’	G SA(s)c	Leo
208	3507	H IV 7	11 03 25.6	+18 08 08	11.7b	4.6 x 3.7’	G SB(s)b	Leo
209	3524	H III 23	11 06 32.1	+11 23 08	13.8p	1.6 x 0.4’	G S0/a	Leo
210	3547	H II 42	11 09 55.9	+10 43 14	13.2b	1.9 x 0.9’	G Sb:	Leo
211	3596	H II 102	11 15 06.2	+14 47 13	12.0b	3.9 x 3.7’	G SAB(rs)c	Leo
212	3599	H II 49	11 15 27.0	+18 06 37	12.0v	2.7 x 2.2’	G SA0:	Leo
212	3605	H III 27	11 16 46.6	+18 01 01	12.3v	1.6 x 1.2’	G E4-5	Leo
217	3611	H II 521	11 17 30.1	+04 33 19	12.8b	2.1 x 1.7’	G SA(s)a pec	Leo
213	3646	H III 15	11 21 43.1	+20 10 10	11.8b	3.9 x .2.2’	G SA:(r)bc pec ring	Leo
214	3659	H II 53	11 23 45.3	+17 49 07	12.8p	2.1 x 1.1’	G SB(s)m?	Leo
218	3666	H I 20	11 24 26.2	+11 20 31	12	4.4x1.2	G SA(rs)c:	Leo
215	3681	H II 159	11 26 29.8	+16 51 48	11.9b	2.0 x 2.0’	G SAB(r)bc	Leo
216	3689	H II 339	11 28 11.0	+25 39 41	13.0b	1.6 x 1.0’	G SAB(rs)c	Leo
219	3705	H II 13	11 30 07.4	+09 16 37	11.9b	4.9 x 2.0’	G SAB(r)ab	Leo
118	1832	H II 292	05 12 03.2	-15 41 19	12.0b	2.5 x 1.6’	G SB(r)bc	Lep
119	2139	H II 264	06 01 07.9	-23 40 25	12.0b	2.6 x 1.9’	G SAB(rs)cd	Lep
120	2196	H II 265	06 12 09.5	-21 48 27	11.8b	2.8 x 2.1’	G (R’)SA(s)a	Lep
331	5595	H III 121	14 24 13.3	-16 43 23	12.6b	2.2 x 1.2’	G SAB(rs)c	Lib
331	5597	H III 122	14 24 27.5	-16 45 46	12.6b	2.1 x 1.6’	G SAB(s)cd	Lib
332	5605	H III 120	14 25 07.6	-13 09 48	12.9b	1.6 x 1.3’	G(R’)SAB(rs)cp	Lib
333	5728	H I 184	14 42 24.0	-17 15 10	12.3b	3.1 x 1.7’	G SAB(r)a:	Lib
334	5791	H III 691	14 58 46.2	-19 16 01	12.7b	2.6 x 1.3’	G E4/S0-	Lib
335	5812	H I 71	15 00 55.7	-07 27 26	12.2b	2.1 x 1.8’	G E0	Lib
336	5861	H II 192	15 09 16.0	-11 19 20	12.3p	3.0 x 1.6’	G SAB(rs)c	Lib
337	5878	H III 736	15 13 45.7	-14 16 10	12.4b	3.5 x 1.4’	G SA(s)b	Lib
199	3158	H II 639	10 13 50.5	+38 45 53	11.9v	2.0 x 1.8’	G E3:	LMi
200	3254	H I 72	10 29 19.9	+29 29 30	12.4b	5.0 x 1.5’	G SA(s)bc	LMi

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
198	3424	H II 494	10 51 46.7	+32 53 59	13.2p	3.2 x 0.9’	G SB(s)b:?	LMi
198	3430	H I 118	10 52 11.7	+32 56 59	11.5v	4.6 x 2.3’	G SAB(rs)c	LMi
145	2415	H II 821	07 36 56.6	+35 14 32	12.8b	1.0 x 1.0’	G Im?	Lyn
146	2493	H III 750	08 00 23.7	+39 49 49	13.0b	1.9 x 1.9’	G SB0	Lyn
147	2500	H III 709	08 01 53.1	+50 44 15	12.2b	2.6 x 2.6’	G SB(rs)d	Lyn
148	2541	H III 710	08 14 40.2	+49 03 43	12.3b	6.3 x 3.1’	G SA(s)cd	Lyn
124	2170	H IV 19	06 07 31.8	-06 23 57	-	2 x 2’	RN	Mon
124	2182	H IV 38	06 09 30.9	-06 19 35	9.0b	2.0’	RN	Mon
125	2236	H VII 5	06 29 40	+06 49 48	8.5	6.0’	OC II 2 m	Mon
127	2245	H IV 3	06 32 41.2	+10 09 24	11.0b	2.0’	RN	Mon
130	2252	H VIII 50	06 34 19.8	+05 19 22	7.7	15.0’	OC III 2 m n	Mon
126	2254	H VII 22	06 35 50	+07 40 07	9.1	4.0’	OC I 1 m	Mon
128	2259	H VI 28	06 38 33.3	+10 52 57	10.8	4.5’	OC II 1 p n	Mon
129	2261	H IV 2	06 39 10	+08 44 52	-	2.0 x 1.7’	RN	Mon
131	2269	H VI 3	06 43 16.8	+04 37 04	10	4.0’	OC II 1 p	Mon
132	2302	H VIII 39	06 51 54	-07 05 00	8.9	2.5’	OC III 2 m	Mon
133	2309	H VI 18	06 56 04	-07 10 30	10.5	3.0’	OC I 2 m	Mon
134	2316	H II 304	06 59 40.8	-07 46 40		1.5’	EN + RN	Mon
135	2346	H IV 65	07 09 22.5	-00 48 23	11.8p	120”	PN 3b + 4	Mon
111	1662	H VII 1	04 48 29	+10 55 48	6.4	20.0’	OC II 3 m	Ori
112	1663	H VIII 7	04 49 24	+13 08 15	-	9’	OC IV 2 p	Ori
113	1762	H III 453	05 03 37.0	+01 34 25	13.4b	1.7 x 1.2’	G SA(rs)c:	Ori
114	1977	H V 30	05 35 15.8	-04 50 40	-	20 x 10'	EN + RN	Ori
115	2023	H IV 24	05 41 38.3	-02 15 33		10 x 10'	EN + RN	Ori
116	2071	H IV 36	05 47 07.2	+00 17 39		8.0 x 7.7’	RN	Ori
117	2112	H VII 24	05 53 46	+00 24 36	9.1	11.0’	OC II 2 m n	Ori
28	23	H III 147	00 09 53.3	+25 55 26	12.9b	2.1 x 1.3’	G SB(s)a	Peg
20	7042	H III 209	21 13 45.8	+13 34 30	12.8p	2.0 x 1.7’	G Sb	Peg
21	7156	H III 452	21 54 33.6	+02 56 35	13.1b	1.6 x 1.3’	G SAB(rs)cd:	Peg
22	7177	H II 247	22 00 41.2	+17 44 17	12.0b	3.1 x 2.0’	G SAB(r)b	Peg
23	7332	H II 233	22 37 24.5	+23 47 54	12.0b	4.0 x 1.1’	G S0 pec sp	Peg
24	7457	H II 212	23 01 00.0	+30 08 42	12.1b	4.3 x 2.3’	G SA(rs)0-?	Peg
25	7463	H III 210	23 01 52.0	+15 58 55	13.8b	3.7 x 0.7’	G SABb: pec	Peg
25	7465	H III 211	23 02 01.0	+15 57 54	12.6v	2.2 x 1.8’	G (R’)SB(s)0°:	Peg
26	7619	H II 439	23 20 14.5	+08 12 22	11.0v	2.5 x 2.3’	G E	Peg
26	7623	H III 435	23 20 30.0	+08 23 45	13.9b	2.1 x 1.4’	G SA0°:	Peg
26	7626	H II 440	23 20 42.3	+08 13 02	11.1v	2.2 x 2.0’	G E pec:	Peg
27	7742	H II 255	23 44 15.7	+10 46 01	12.4b	1.7 x 1.7’	G SA(r)b	Peg
66	1003	H II 238 H III 198	02 39 16.9	+40 52 20	12.0b	5.5 x 1.8’	G SA(s)cd	Per
67	1058	H II 633	02 43 29.8	+37 20 27	11.8b	3.0 x 2.7’	G SA(rs)c	Per
68	1161	H II 239	03 01 14.2	+44 53 50	12.1b	2.8 x 2.0’	G S0	Per

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
69	1169	H II 620	03 03 34.7	+46 23 09	12.2b	4.2 x 2.8’	G SAB(r)b	Per
70	1175	H II 607	03 04 32.3	+42 20 22	13.9b	2.4 x 0.8’	G SA(r)0+	Per
71	1193	H II 608	03 05 56	+44 23 00	12.6	1.5’	OC I 2 m	Per
72	1207	H III 578	03 08 15.3	+38 22 58	13.4p	2.2 x 1.5’	G SA(rs)b	Per
73	1348	H VIII 84	03 34 09	+51 25 12	-	6’	OC III 2 m	Per
74	1491	H I 258	04 03 13.6	+51 18 58	-	21’	EN	Per
75	1579	H I 217	04 30 14.3	+35 16 47	-	7.8 x 5.4’	RN	Per
76	1582	H VIII 70	04 31 39	+43 45 00	7	37’	OC IV 2 p	Per
77	1605	H VI 26	04 34 52	+45 16 18	10.7	5’	OC III 1 m	Per
78	1624	H V 49	04 40 37.2	+50 27 41	11.8	1.9’	EN / OC II 1 p n	Per
39	125	H III 869	00 28 50.3	+02 50 19	12.8b	2.7 x 0.8’	G (R)SA0+ pec:	Psc
40	198	H II 857	00 39 22.9	+02 47 52	13.9p	1.2 x 1.1’	G SA(r)c	Psc
41	315	H II 210	00 57 48.8	+30 21 09	12.2b	3.2 x 2.2’	G E+:	Psc
42	410	H II 220	01 10 58.9	+33 09 07	12.5b	2.4 x 1.7’	G E+:	Psc
43	499	H III 158	01 23 11.5	+33 27 37	12.1v	1.8 x 1.2’	G S0-	Psc
44	514	H II 252	01 24 03.9	+12 55 03	12.2b	4.2 x 2.7’	G SAB(rs)c	Psc
45	660	H II 253	01 43 01.7	+13 38 35	12.0b	8.3 x 3.1’	G SB(s)a pec	Psc
46	665	H II 588	01 44 56.1	+10 25 22	13.2b	2.4 x 1.6’	G (R)S0°?	Psc
47	706	H II 596	01 51 50.5	+06 17 48	13.2b	1.8 x 1.3’	G Sbc?	Psc
48	718	H II 270	01 53 13.2	+04 11 45	12.6b	2.3 x 2.0’	G SAB(s)a	Psc
49	741	H II 271	01 56 21.0	+05 37 44	12.2b	2.9 x 2.8’	G E0:	Psc
35	7541	H II 430	23 14 43.9	+04 32 04	12.4b	3.5 x 1.2’	G SB(rs)bc: pec	Psc
36	7562	H II 467	23 15 57.5	+06 41 15	12.6b	2.2 x 1.4’	G E2-3	Psc
37	7785	H II 468	23 55 19.0	+05 54 57	12.6b	2.4 x 1.3’	G E5-6	Psc
38	7832	H III 190	00 06 28.5	-03 42 58	13.3	1.9 x 1.0’	G E+	Psc
140	2396	H VIII 36	07 28.1	-11 43 00	7.4	10’	OC IV 1 m	Pup
141	2414	H VIII 37	07 33 13	-15 27 12	7.9	4’	OC I 3 m	Pup
142	2432	H VI 36	07 40 54	-19 05 06	10.2	7’	OC II 2 m	Pup
143	2467	H IV 22	07 52 29	-26 25 48	7.1	15’	OC I 3 m n	Pup
144	2525	H III 877	08 05 38.0	-11 25 41	12.3b	2.9 x 1.9’	G SB(s)c	Pup
34	24	H III 461	00 09 56.4	-24 57 49	12.2b	6.7 x 1.6’	G SA(s)c	Scl
33	7507	H II 2	23 12 07.6	-28 32 26	11.4b	2.7 x 2.6’	G E0	Scl
345	5970	H II 76	15 38 30.1	+12 11 12	12.2b	2.9 x 1.9’	G SB(r)c	Ser
346	6070	H III 553	16 09 58.6	+00 42 32	12.5b	3.5 x 1.8’	G SA(s)cd	Ser
347	6604	H VIII 15	18 18 03	-12 14 35	6.5	6’	OC I 3 m n	Ser
220	3156	H III 255	10 12 41.2	+03 07 45	13.1b	2.2 x 1.0’	G S0:	Sex
348	6507	H VIII 53	17 59 50	-17 23 00	9.6	6’	OC IV 3 m	Sgr
349	6526	H V 9	18 04 27	-23 32 00	-	52 x 36’	EN	Sgr
350	6596	H VIII 55	18 17 33	-16 39 00		10.0'	OC III 2 m	Sgr
351	6717	H III 143	18 55 060	-22 42 06	8.4	5.4’	GC Class VIII	Sgr
105	1514	H IV 69	04 09 17.0	+30 46 33	10.0p	1.9’	PN 3 + 2	Tau

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
106	1587	H II 8	04 30 40.0	+00 39 43	11.7v	1.8 x 1.6’	G E pec	Tau
79	604	H III 150	01 34 31.9	+30 47 13	-	1.5’	M33-KNT	Tri
80	672	H I 157	01 47 53.9	+27 25 56	11.5b	7.3 x 2.5’	G SB(s)cd	Tri
81	890	H II 225	02 22 01.0	+33 15 58	12.2b	2.7 x 1.8’	G SAB(r)0-?	Tri
82	925	H III 177	02 27 17.0	+33 34 43	10.7b	10.5x 5.9’	G SAB(s)d	Tri
83	1060	H III 162	02 43 15.1	+32 25 30	11.8v	2.3 x 1.7’	G S0-:	Tri
161	2639	H I 204	08 43 38.0	+50 12 20	12.6b	2.1 x 1.3’	G (R)SA(r)a:?	UMa
162	2756	H II 828	09 09 01.1	+53 50 58	13.2p	1.7 x 1.1’	G Sb	UMa
163	2805	H III 878	09 20 20.4	+64 06 10	11.5b	6.3 x 4.7’	G SAB(rs)d	UMa
164	2880	H I 260	09 29 34.5	+62 29 27	12.5b	2.0 x 1.1’	G SB0-	UMa
165	3065	H II 333	10 01 55.3	+72 10 13	13.5b	1.7 x 1.6’	G SA(r)0°	UMa
166	3073	H III 853	10 00 52.0	+55 37 07	14.1b	1.3 x 1.2’	G SAB0-	UMa
167	3225	H II 882	10 25 10.0	+58 09 00	13.3p	2.0 x 1.0’	G Scd:	UMa
168	3319	H III 700	10 39 09.3	+41 41 14	11.5b	6.2 x 3.6’	G SB(rs)cd	UMa
171	3359	H V 52	10 46 36.7	+63 13 28	11.0b	7.3 x 4.3’	G SB(rs)c	UMa
172	3516	H II 336	11 06 47.5	+72 34 07	12.5b	1.9 x 1.5’	G (R)SB(s)0°:	UMa
170	3583	H II 728	11 14 10.8	+48 19 06	11.9p	2.8 x 1.8’	G SB(s)b	UMa
173	3622	H II 879	11 20 12.5	+67 14 29	12.7b	1.5 x 0.8’	G S?	UMa
174	3642	H I 245	11 22 17.9	+59 04 28	11.7b	5.3 x 4.4’	G SA(r)bc:	UMa
169	3652	H II 775	11 22 39.0	+37 45 54	12.9p	3.1 x 1.6’	G SBc	UMa
177	3668	H II 845	11 25 30.4	+63 26 46	13.1p	1.7 x1.3’	G Sbc	UMa
175	3669	H II 829	11 25 26.7	+57 43 17	13.1p	2.2 x 0.5’	G SBcd: sp	UMa
176	3683	H I 246	11 27 32.0	+56 52 37	13.1p	1.8 x 1.2’	G SB(s)c?	UMa
178	3756	H II 784	11 36 47.9	+54 17 39	12.1b	4.2 x 2.2’	G SAB(rs)bc	UMa
180	4013	H II 733	11 58 31.7	+43 56 48	12.2b	5.2 x 1.3’	G Sb sp	UMa
181	4047	H II 741	12 02 50.6	+48 38 10	13.0p	1.8 x 1.6’	G (R)SA(rs)b:	UMa
179	4062	H I 174	12 04 03.8	+31 53 44	11.9b	4.0 x 1.7’	G SA(s)c	UMa
182	4096	H I 207	12 06 01.0	+47 28 41	11.5b	7.4 x 1.7’	G SAB(rs)c	UMa
183	4100	H III 717	12 06 08.4	+49 34 59	11.9b	5.4 x 20’	G (R’)SA(rs)bc	UMa
184	4144	H II 747	12 09 58.5	+46 27 28	12.1b	6.1 x 1.3’	G SAB(s)cd? Sp	UMa
185	4157	H I 208	12 11 04.9	+50 29 07	12.2b	7.7 x 1.3’	G SAB(s)b? sp	UMa
186	4271	H II 804	12 19 32.7	+56 44 12	13.6p	1.5 x 1.2’	G S0-:	UMa
187	4290	H II 805	12 20 47.5	+58 05 33	12.7p	2.3 x 1.5’	G SB(rs)ab:	UMa
188	4605	H I 254	12 39 59.4	+61 36 33	10.9b	5.7 x 2.1’	G SB(s)c pec	UMa
189	5204	H IV 63	13 29 36.4	+58 25 09	11.7b	5.0 x 3.0’	G SA(s)m	UMa
190	5308	H I 255	13 47 00.4	+60 58 23	12.3b	3.7 x 0.6’	G S0- sp	UMa
191	5430	H II 827	14 00 46.0	+59 19 45	12.7p	2.2 x 1.1’	G SB(s)b	UMa
192	5443	H II 799	14 02 11.7	+55 48 49	13.1p	3.2 x 1.2’	G Sdm?	UMa
193	5447	H III 787	14 02 27.9	+54 16 34	-	1.0 x 0.5’	KNT	UMa
194	5448	H II 691	14 02 50.3	+49 10 21	11.9b	4.0 x 1.7’	G (R)SAB(r)a	UMa
193	5462	H III 789	14 03 52.9	+54 21 53	-	1.7 x 0.8’	KNT	UMa
195	5480	H II 692	14 06 21.8	+50 43 29	12.8p	2.1 x 1.6’	G SA(s)c:	UMa

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
196	5485	H I 232	14 07 11.4	+55 00 07	12.8	2.4 x 1.8’	G SA0 pec	UMa
197	5585	H I 235	14 19 48.3	+56 43 45	11.2b	6.1 x 3.8’	G SAB(s)d	UMa
258	4045	H II 276	12 02 42.3	+01 58 38	11.9v	3.2 x 1.3’	G SAB(r)a	Vir
258	4073	H II 277	12 04 27.0	+01 53 45	11.4v	3.4 x 2.3’	G E5/S0-	Vir
259	4124	H I 33 H II 60	12 08 09.7	+10 22 43	12.2b	4.2 x 1.3’	G SA(r)0+	Vir
260	4168	H II 105	12 12 17.2	+13 12 18	12.1b	3.0 x 2.6’	G E2	Vir
261	4224	H II 136	12 16 33.8	+07 27 42	12.9b	2.5 x 0.9’	G SA(s)a: sp	Vir
261	4233	H II 496	12 17 07.6	+07 37 26	12.9b	2.3 x 0.8’	G S0°	Vir
261	4235	H II 17	12 17 09.8	+07 11 28	13.0b	2.5 x 1.3’	G SA(s)a	Vir
262	4241	H III 480	12 17 59.8	+06 39 16	13.0b	2.5 x 1.3’	G SB(s)cd	Vir
263	4260	H II 138	12 19 22.2	+06 05 55	11.8v	3.9 x 1.7’	G SB(s)a	Vir
263	4264	H II 140	12 19 35.8	+05 50 48	12.8v	1.1 x1.0’	G SB(rs)0+	Vir
266	4267	H II 166	12 19 45.2	+12 47 54	11.9b	3.2 x 2.9’	G SB(s)0-?	Vir
263	4270	H II 568?	12 19 49.5	+05 27 48	13.1b	2.3 x 1.0’	G S0	Vir
267	4294	H II 61	12 21 17.8	+11 30 37	12.5b	3.2 x 1.2’	G SB(s)cd	Vir
267	4299	H II 62	12 21 40.8	+11 30 03	12.9b	1.7 x 1.5’	G SAB(s)dm:	Vir
267	4313	H II 63	12 22 38.6	+11 48 04	12.5b	4.0 x 1.0’	G SA(rs)ab: sp	Vir
264	4339	H II 143	12 23 35.0	+06 04 54	12.3b	2.2 x 2.2’	G E0	Vir
265	4343	H III 942	12 23 38.8	+06 57 15	13.1b	2.9 x 0.9’	G SA(rs)b:	Vir
275	4487	H II 776	12 31 04.4	-08 03 15	13.0b	1.7 x 1.0’	G SAB(rs)cd	Vir
268	4517	H IV 5	12 32 45.6	+00 06 54	11.1b	10.7 x 1.5'	SA(s)cd: sp	Vir
269	4519	H II 158	12 33 30.3	+08 39 16	12.3b	3.5 x 2.4’	G SB(rs)d	Vir
270	4586	H I 125	12 38 28.4	+04 19 08	12.6b	4.0 x 1.3’	G SA(s)a: sp	Vir
271	4608	H II 69	12 41 13.6	+10 09 23	12.0b	3.5 x 2.6’	G SB(r)0°	Vir
273	4612	H II 20 H II 148	12 41 32.7	+07 18 53	11.9b	2.4 x 1.9’	G (R)SAB0°	Vir
274	4639	H II 125	12 42 52.3	+13 15 26	12.2b	3.2 x 2.3’	G SAB(rs)bc:	Vir
272	4647	H III 44	12 43 32.5	+11 34 56	11.9b	2.9 x 2.3’	G SAB(rs)c	Vir
276	4691	H II 182	12 48 13.4	-03 19 56	11.7b	3.2 x 2.4’	G (R)SB(s)0/a pec	Vir
277	4742	H I 133	12 51 48.0	-10 27 17	12.1b	2.6 x 1.4’	G E4:	Vir
278	4880	H III 83	13 00 10.5	+12 29 00	12.4p	3.1 x 2.4’	G SA(r)0+:	Vir
279	4902	H I 69	13 00 59.6	-14 30 48	11.6b	3.0 x 2.6’	G SB(r)b	Vir
281	4904	H II 517	13 00 58.5	-00 01 39	12.6b	2.2 x 1.4’	G SB(s)cd	Vir
282	4915	H IV 47	13 01 28.2	-04 32 48	13.0b	1.6 x 1.3’	G E0	Vir
284	4928	H II 190 H III 760	13 03 00.5	-08 05 06	13.3p	1.2 x 0.8’	G SA(s)bc pec	Vir
283	4939	H II 561	13 04 14.3	-10 20 24	11.9b	5.8 x 3.7’	G SA(s)bc	Vir
285	4941	H I 40	13 04 13.0	-05 33 06	11.9b	3.6 x 1.9’	G (R)SAB(r)ab:	Vir
286	4981	H II 189	13 08 48.7	-06 46 44	12.1p	2.7 x 2.0’	G SAB(r)bc	Vir
280	4984	H II 301	13 08 57.2	-15 30 59	12.3b	4.2 x 2.6’	G (R)SAB(rs)0+	Vir
292	4999	H II 537	13 09 33.1	+01 40 23	12.6p	2.4 x 1.9’	G SB(r)b	Vir

Page	NGC	Herschel	RA 2000	Dec 2000	V Mag	Size	Type	Con
287	5018	H II 746	13 13 01.0	-19 31 05	11.7b	3.3 x 2.4’	G E3:	Vir
293	5020	H II 129	13 12 39.9	+12 35 59	12.5p	3.4 x 2.9’	G SAB(rs)bc	Vir
288	5037	H II 510	13 14 59.6	-16 35 27	12.2v	3.2 x 0.7	G SA(s)a:	Vir
288	5044	H II 511	13 15 24.0	-16 23 06	11.8p	2.9 x 2.9’	G E0	Vir
289	5068	H II 312	13 18 54.6	-21 02 20	10.7b	7.3 x 6.5’	G SAB(rs)cd	Vir
294	5077	H II 193	13 19 31.6	-12 39 24	11.3v	2.8 x 2.3’	G E3-4	Vir
290	5084	H II 313	13 20 16.6	-21 49 39	11.6b	102 x 1.7’	G S0 sp	Vir
289	5087	H III 724	13 20 24.9	-20 36 40	12.4b	2.3 x 1.6’	G E+/S0	Vir
295	5129	H II 653	13 24 10.0	+13 58 35	13.0b	1.6 x1.3’	G E	Vir
291	5134	H II 314	13 25 18.5	-21 08 04	12.1b	2.9 x 1.7’	G (R)SAB(r)a	Vir
296	5426	H II 309	14 03 25.0	-06 04 09	12.7b	3.0 x 1.6’	G SA(s)c pec	Vir
297	5493	H IV 46	14 11 29.3	-05 02 37	12.3b	1.6 x 1.2’	G S0 pec sp	Vir
298	5506	H II 687	14 13 14.8	-03 12 27	12.8b	2.8 x 0.8’	G Sa pec sp	Vir
298	5507	H IV 49	14 13 19.8	-03 08 56	13.5b	1.5 x 0.7’	G SAB(r)0°	Vir
299	5560	H II 579	14 20 04.6	+03 59 32	12.4v	4.3 x 1.2’	G SB(s)b pec	Vir
300	5638	H II 581	14 29 40.5	+03 13 59	11.2v	2.7 x 2.4’	G E1	Vir
301	5668	H II 574	14 33 24.4	+04 27 01	12.2b	3.3 x 3.0’	G SA(s)d	Vir
302	5750	H I 183	14 46 11.1	-00 13 25	12.5b	3.0 x 1.5’	G SB(r)0/a	Vir
303	5775	H III 554	14 53 57.5	+03 32 42	12.2b	4.2 x 1.0’	G SBc? sp	Vir
304	5806	H II 539	15 00 00.3	+01 53 28	12.4b	3.0 x 1.5’	G SAB(s)b	Vir
304	5813	H I 127	15 01 11.2	+01 42 07	11.5b	4.1 x 2.9’	G E1-2	Vir
305	5831	H II 540	15 04 07.0	+01 13 11	11.5v	2.0 x 1.7’	G E3	Vir
305	5838	H II 542	15 05 26.2	+02 05 58	11.9b	4.1 x 1.4’	G SA0-	Vir
305	5850	H II 543	15 07 07.8	+01 32 47	10.7v	4.6 x 4.1’	G SB(r)b	Vir
306	5854	H II 544 H II 585	15 07 47.6	+02 34 06	12.7b	2.7 x 0.7’	G SB(s)0+ sp	Vir
366	6793	H VIII 81	19 23 14	+22 08 55	-	7’	OC III 2 p	Vul
367	6800	H VIII 21	19 27 07	+25 05 03	-	5’	OC IV 1 p	Vul

Additional Resources

Original Papers by Sir William Herschel

Herschel, William. "Catalogue of One Thousand New Nebulae and Clusters of Stars". *Philosophical Transactions of the Royal Society of London* Vol. 76 **(**1786), 457–499

Herschel, William. "Catalogue of a Second Thousand of New Nebulae and Clusters of Stars; with a Few Introductory Remarks on the Construction of t+he Heavens". *Philosophical Transactions of the Royal Society of London* Vol. 79 (1789), 212–255

Herschel, William. "Catalogue of 500 New Nebulae, Nebulous Stars, Planetary Nebulae, and Clusters of Stars; with Remarks on the Construction of the Heavens". *Philosophical Transactions of the Royal Society of London* Vol. 92 (1802), 477–528

Books

Bratton, Mark. *The Complete Guide to the Herschel Objects: Sir William Herschel's Star Clusters, Nebulae, and Galaxies.* Cambridge, United Kingdom: Cambridge University Press, 2011

Mullaney, James and Tirion, Will. *The Cambridge Atlas of Herschel Objects*. Cambridge, United Kingdom: Cambridge University Press, 2011

Mullaney, James. *The Herschel Objects and How to Observe Them*. New York: Springer, 2007

O'Meara, Steve. *Herschel 400 Observing Guide*. Cambridge, United Kingdom: Cambridge University, 2007

Stoyan, Ronald and Schurig, Stephan. *interstellarum Deep Sky Atlas*. Cambridge, MA: Cambridge University Press, 2015

Stoyan, Ronald and Glahn, Uwe. *interstellarum Deep Sky Guide*. Cambridge, MA: Cambridge University Press, 2018

Observing Programs

www.astroleague.org/herschel-400-observing-program - Astronomical League's Herschel 400 Program.

www.astroleague.org/herschel-ii-observing-program - Astronomical League's Herschel 400 – Part II Observing Program

Websites

skyserver.sdss3.org/dr8/en/tools/chart/chart.asp - SkyServer DR8 Tools for Visual Exploration (Sloan Digital Sky Survey)

www.deepskyforum.com - The premier Deep Sky forum where advanced deep sky observers converge and discuss observing the deep sky.

www.astronomy-mall.com/Adventures.In.Deep.Space - Great source of observing projects for all skill levels.

www.cloudynights.com – Great resource for like-minded amateurs discussing most aspects of the hobby.

www.ngcicproject.org – Collaborative effort between professional and amateur astronomers to identify original and corrected object list. Fantastic resource of anything related to NGC and IC catalogues.

Sources of charts and images

Charts by *Megastar version 5* Willmann-Bell Richmond, VA

DSS images (Digital Sky Survey) archive.stsci.edu/dss/acknowledging.html

Revision History

Date	Revision
May 27, 2014	• New observing guide, released May 27, 2014
June 4, 2020	Updated per Astronomical League updates. • Deleted NGC 1750, NGC 1990, NGC 2253 • Deleted NGC 7814 (duplicate in Herschel 400 list) • Added NGC 281, NGC 6535, NGC 6729, NGC 7714 • Deleted last two tables
March 2024	Updated again per Astronomical League updates as of Aug 1, 2020. • Deleted NGC 281, NGC 6535, NGC 6729, and NGC 7714 • Added NGC 1985, NGC 4517, and NGC 7492 • Added the last two tables (list sorted by NGC and constellation) Updated Astronomical League Herschel Observing Program links.