CATALOGUE OF BRIGHT NEBULAE

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ABSTRACT

A catalogue of bright nebulae has been compiled from a study of the red and blue prints of the *National Geographic–Palomar Observatory Sky Atlas*. This catalogue contains positions, both equatorial and galactic, for the centers of the nebulosities, values of their largest dimensions in minutes of arc and of their areas in square degrees, and estimates of their colors and surface brightness on an arbitrary scale. Total areas of the nebulae are tabulated as a function of galactic latitude for three different color classes.

A survey has been made of all bright diffuse areas detectable on the 48-inch Palomar Sky Survey prints in a manner analogous to the survey of dark nebulae (Lynds 1962). All nebulosities apparent on these prints were recorded; their size and area measured, and their brightness and color estimated on an arbitrary scale. The catalogue contains all bright diffuse objects which presumably belong to our Galaxy. An effort was made to exclude all known planetary nebulae, including the recent list of such objects published by Abell (1961). The catalogue contains known supernovae remnants (such as IC 443), reflection nebulae, and the standard H II emission nebulae. The identification of the various kinds of objects in the catalogue is possible only by their color or their filamentary nature. Objects which appear brighter on the blue plate (designated by a color of "1" in Table 1) are undoubtedly reflection nebulae; those features of about the same surface brightness on both the red and blue plates or of greater brightness on the red may be examples of transition types or purely emission regions. Those objects very much brighter on the red print are usually H II regions, with the exception of such red reflection nebulae as that associated with Antares. Therefore, from the color alone we cannot uniquely define the emission and reflection regions.

The catalogue is not complete for the small-scale emission or reflection features such as those described in the Lick Hα surveys, but it should be complete for all extended nebulous features of surface brightness intense enough to be detected by the $f/2.4$ camera. The survey covers the entire sky down to the declination limit of $-33°$ of the Palomar telescope.

Table 1 lists all of the nebulosities recorded in the survey. The tenth column represents an identification number which indicates whether or not the object is an isolated region (in which case the number is "0") or a region of different brightness located in a more extensive complex of nebulosities. For example, the entire Orion region, with its many bright areas of emission and reflection has the identification number 73. The other columns of the table are given in the tabulation at the top of page 184.

The diffuse features, as they appeared on the prints, were traced and their actual forms reduced by a factor of about 60 from the original Palomar prints. Figure 1 represents the distribution of the nebulosities recorded in Table 1. In this diagram both the red nebulosities (indicated by the solid lines) and the blue nebulosities, indicated by solid lines with hachures are included. The shading represents the relative brightnesses of the regions, the darkest areas being the brightest.

The large complexes of emission regions are apparent in Figure 1. The structure and brightness distribution of these fields give rather clear evidence of the particular stars belonging to these complexes. In contrast to these are the faint nebulosities quite often found in relatively high galactic latitudes (with $|b| > 30°$). These features are of very

TABLE 1

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
0.03	0.13	17 42	-28 50	4	4	0.002	4	5	0	S 17
0.09	-0.61	17 45	-29 10	14	10	0.028	4	4	0	S 19
0.33	-0.20	17 44	-28 45	2	2	0.001	4	5	0	S 20
0.64	-1.04	17 48	-28 55	3	3	0.002	4	5	0	S 21
0.84	18.64	16 38	-17 30	25	12	0.060	2	5	104	
1.05	20.01	16 34	-16 30	90	8	0.180	4	6	0	
1.27	21.09	16 31	-15 40	50	10	0.120	4	6	0	DG144
2.34	35.48	15 48	-5 50	45	12	0.106	3	6	0	
2.41	1.34	17 43	-26 10	5	5	0.006	4	4	0	
4.14	35.71	15 51	-4 33	60	30	0.384	4	6	0	
4.19	36.70	15 48	-3 54	15	15	0.038	4	5	87	
4.21	24.12	16 28	-11 40	65	20	0.894	3	4	89	
4.48	29.93	16 10	- 7 55	35	15	0.085	3	6	0	S 14
4.60	0.29	17 52	-24 50	60	40	0.613	3	4	0	S 22
4.67	36.70	15 49	-3 36	20	12	0.074	4	5	87	
4.97	24.03	16 30	-11 10	150	30	0.278	3	5	89	
5.01	30.90	16 8	-6 58	30	10	0.049	3	5	0	S 24
5.32	37.42	15 48	-2 45	28	10	0.053	3	5	87	
5.40	37.47	15 48	-2 40	140	90	2.430	3	6	87	
5.46	26.22	16 24	-9 30	50	20	0.187	3	4	89	
5.79	25.82	16 26	-9 30	18	6	0.018	3	3	89	
5.86	25.87	16 26	-9 25	40	20	0.130	3	5	89	
5.88	38.40	15 46	-1 48	30	8	0.060	3	5	87	
6.00	24.73	16 30	-10 0	480	240	23.020	3	6	89	S 27
6.06	-1.23	18 1	-24 20	45	30	0.289	2	1	105	NGC 652
6.18	-1.43	18 2	-24 20	90	40	0.468	3	2	105	
6.99	-0.17	17 59	-23 0	20	20	0.085	3	1	0	NGC 651
7.03	-2.26	18 7	-24 0	15	10	0.039	3	1	106	NGC 655
7.03	-2.26	18 7	-24 0	45	45	0.254	3	3	106	S 29
7.08	27.91	16 22	-7 20	140	10	0.335	3	4	89	
7.28	- 1.59	18 05	-23 27	3	3	0.002	1	6	0	IC4681
7.33	25.62	16 30	-8 30	65	20	0.331	3	4	89	
7.35	-2.33	18 8	-23 45	20	5	0.025	3	1	106	IC 1274
7.39	- 1.79	18 06	-23 27	3	2	0.002	1	3	0	IC4684
7.44	24.78	16 33	-8 55	20	10	0.035	3	3	89	
8.44	36.18	15 58	-1 30	50	30	0.243	3	5	82	
8.44	36.18	15 58	-1 30	30	20	0.085	2	6	82	S 33
8.55	-0.88	18 5	-22 0	60	30	0.331	3	5	0	S 34
8.64	25.25	16 34	-7 45	70	15	0.275	3	4	89	
9.10	-0.84	18 6	-21 30	10	7	0.011	1	4	0	
10.03	-28.11	20 0	-31 30	210	90	4.683	4	6	0	
10.91	-1.70	18 13	-20 20	10	7	0.010	3	2	101	S 35
11.53	-1.63	18 14	-19 45	4	3	0.003	1	1	102	NGC 659
11.54	36.11	16 4	0 30	70	50	0.616	3	5	83	
11.54	36.11	16 4	0 30	40	10	0.113	3	6	83	S 36
11.61	-1.59	18 14	-19 40	4	3	0.003	1	1	102	NGC 658
11.75	-1.51	18 14	-19 30	15	15	0.229	3	2	0	IC 1283
12.00	0.79	18 6	-18 10	3	3	0.002	3	5	0	S 38
12.71	0.37	18 9	-17 45	15	10	0.028	3	5	101	S 40
12.79	1.78	18 4	-17 0	18	5	0.018	4	5	0	
12.95	-0.58	18 13	-18 0	210	120	4.609	4	4	101	S 41
13.41	-1.41	18 17	-18 0	30	5	0.049	4	2	101	
13.54	1.11	18 8	-16 40	30	30	0.155	4	6	0	
13.80	-27.06	20 0	-28 0	260	40	2.718	4	6	0	
14.12	0.06	18 13	-16 40	60	40	0.053	3	4	103	IC 4701
14.12	0.06	18 13	-16 40	3	3	0.003	3	3	103	S 42
14.94	-0.04	18 15	-16 0	120	120	1.620	4	6	103	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
15.14	3.38	18 3	-14 10	30	20	0.127	3	3	0	S 46
15.26	0.41	18 14	-15 30	5	4	0.004	3	3	0	S 47
15.28	-0.67	18 18	-16 0	40	30	0.137	3	1	103	NGC 661
15.67	1.74	18 10	-14 30	20	15	0.060	4	5	0	
16.31	-0.12	18 18	-14 50	20	20	0.085	4	6	0	S 50
16.41	-2.79	18 28	-16 0	80	60	0.683	4	5	100	
16.68	-0.47	18 20	-14 40	15	12	0.032	4	4	0	S 48
16.77	- 5.31	18 38	-16 50	40	10	0.077	4	6	0	S 51
16.88	-1.18	18 23	-14 50	10	6	0.014	4	5	0	
16.96	0.78	18 16	-13 50	120	25	0.268	3	1	98	NGC 661
17.00	0.53	18 17	-13 55	35	30	0.208	3	3	98	
17.19	-3.20	18 31	-15 30	30	10	0.035	4	5	100	
17.81	0.97	18 17	-13 0	180	120	3.085	4	6	98	
18.13	1.42	18 16	-12 30	80	30	0.616	3	3	98	
18.45	1.87	18 15	-12 0	60	30	0.345	3	1	98	S 54
20.36	-1.27	18 30	-11 48	20	20	0.081	1	3	0	S 55
20.36	-1.27	18 30	-11 48	10	6	0.014	4	6	0	
21.10	-0.60	18 29	-10 50	20	10	0.046	1	3	99	IC 1287
21.10	-0.60	18 29	-10 50	35	25	0.155	1	6	99	
22.02	0.16	18 28	-9 40	10	8	0.028	4	6	0	S 56
22.90	0.63	18 28	-8. 0.	2	2	0.001	4	4	0	S 57
23.16	0.49	18 29	-8 30	8	5	0.011	4	3	0	S 58
24.48	-0.22	18 34	-7 40	30	15	0.285	4	5	0	S 59
24.91	0.57	18 32	-6 55	40	15	0.176	4	6	88	
25.36	0.24	18 34	-6 40	15	15	0.028	4	4	88	S 60
25.36	-18.62	19 43	-15 0	10	8	0.017	2	4	0	
26.48	2.56	18 31	- 5 00	2	2	0.001	3	1	0	S 61
26.83	3.54	18 25	-3 50	3	3	0.002	4	4	0	S 62
27.11	-21.06	19 55	-14 30	70	40	0.715	2	5	0	S 63
27.43	-17.71	19 43	-12 50	10	8	0.017	2	4	0	
27.67	23.44	17 16	6 10	12	8	0.028	1	4	0	DG146
27.91	-17.50	19 43	-12 20	2	2	0.001	2	4	0	
28.77	3.43	18 29	-2 10	20	8	0.028	3	2	0	S 64
29.07	-0.63	18 44	-3 47	10	2	0.003	4	5	0	S 65
30.54	0.41	18 43	-2 0	10	10	0.018	1	4	0	S 66
30.63	6.37	18 22	0 50	8	5	0.007	3	3	0	S 68
30.66	-0.65	18 47	-2 23	15	15	0.042	2	5	0	S 67
31.04	3.77	18 32	0 0	12	10	0.031	1	5	0	
31.47	5.12	18 28	1 0	8	4	0.007	1	4	0	DG152
31.75	4.98	18 29	1 11	10	5	0.018	2	3	81	
31.88	5.05	18 29	1 20	22	20	0.031	1	4	81	DG153
32.38	1.93	18 41	-0 20	15	10	0.032	3	4	0	S 69
32.44	-15.40	19 43	-7 30	40	12	0.173	4	5	92	
33.83	-14.72	19 43	-6 0	180	90	2.725	4	6	92	
35.08	11.42	18 12	7 3	8	4	0.017	4	6	0	S 70
36.00	-1.26	18 59	2 5	2	1	0.001	3	1	0	S 71
36.57	- 1.81	19 2	2 20	35	20	0.113	3	5	0	
37.59	44.76	16 8	22 0	60	20	0.285	2	5	0	S 73
37.66	44.05	16 11	21 50	30	20	0.095	2	6	0	
38.66	2.09	18 52	5 59	4	4	0.002	4	5	0	
39.55	-16.65	20 0	-2 0	150	50	1.658	2	6	0	
39.95	- 1.44	19 07	5 30	3	2	0.002	3	6	0	S 74
40.46	2.46	18 59	7 45	8	5	0.018	4	6	0	S 76
41.37	-18.83	20 11	-1 30	20	10	0.049	1	4	86	DG161
41.47	-28.13	20 44	-5 50	30	18	0.116	1	5	0	
41.84	-18.59	20 11	-1 0	70	20	0.384	1	5	86	
42.59	-23.34	20 29	-2 40	85	30	0.479	3	6	0	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
42.75	-21.54	20 23	-1 40	35	10	0.074	3	6	0	
42.97	-17.43	20 9	-0 30	140	80	1.831	2	6	86	
43.07	-35.28	21 12	-8 0	360	120	8.331	2	6	0	
43.39	-29.49	20 52	-5 0	90	15	0.070	2	6	0	
43.64	-21.66	20 25	-1 0	140	10	0.352	3	6	0	
43.96	-23.21	20 31	-1 30	30	35	0.243	3	6	0	
44.84	-23.61	20 34	-1 0	70	3	0.081	2	6	0	
44.95	-20.39	20 23	0 41	42	12	0.144	3	6	0	
45.51	-20.67	20 25	1 0	20	10	0.049	3	6	0	
45.60	-22.06	20 30	-0 23	20	15	0.049	2	6	0	
46.20	-21.45	20 29	1 10	30	5	0.085	2	6	0	
49.84	-7.32	19 47	11 20	20	8	0.025	3	6	0	
50.14	3.36	19 9	16 45	1	1	0.001	4	1	0	S 80
53.52	0.03	19 28	18 9	10	10	0.014	3	3	0	C 168
53.54	0.04	19 28	18 10	7	7	0.011	3	3	0	DG159
55.40	1.87	19 25	20 41	8	5	0.017	1	6	0	DG157
55.73	-3.64	19 46	18 15	15	3	0.011	3	3	0	S 84
56.82	-13.42	20 23	14 0	120	30	0.923	1	6	0	
56.92	3.22	19 23	22 40	5	3	0.004	1	4	0	DG155
57.03	3.02	19 24	22 40	8	3	0.011	1	2	0	C 167
59.38	-0.15	19 41	23 10	40	30	0.201	3	3	0	NGC 6823
60.95	-0.03	19 44	24 35	17	8	0.025	4	4	0	S 87
61.35	0.21	19 44	25 3	2	2	0.002	3	1	0	
61.37	0.22	19 44	25 4	2	2	0.002	3	1	0	
61.50	0.29	19 44	25 13	18	6	0.021	3	3	0	S 88
61.91	-33.45	21 40	6 0	180	50	1.960	3	6	0	
62.04	-10.57	20 25	19 50	160	60	1.965	1	5	0	
62.32	-10.68	22 26	20 20	200	30	1.525	4	6	0	
62.45	-14.34	20 39	18 0	120	20	0.437	1	5	0	
63.10	0.46	19 47	26 41	8	3	0.003	3	2	0	S 90
64.04	1.79	19 44	28 10	45	20	0.268	3	5	0	S 92
64.20	- 0.44	19 53	27 09	1	1	0.001	3	1	0	S 93
64.22	4.16	19 35	29 30	120	2	0.106	3	3	0	S 91
64.90	6.74	19 26	31 20	50	2	0.039	3	4	0	S 94
65.92	0.61	19 53	29 10	1	1	0.001	3	1	0	S 95
66.11	7.14	19 27	32 35	20	10	0.046	4	5	0	S 96
66.74	0.86	19 54	30 0	10	10	0.014	3	6	0	S 97
66.81	-28.34	21 35	12 30	190	15	0.708	1	6	0	
66.95	- 1.30	20 03	29 02	1	3	0.001	1	2	0	IC4954
68.07	0.92	19 57	31 10	10	10	0.014	3	6	0	S 98
69.40	0.50	20 2	32 4	5	3	0.002	2	4	0	
69.48	2.29	19 55	33 5	22	3	0.056	3	4	0	
69.67	-30.36	21 48	13 0	90	20	0.352	1	6	0	
69.80	1.74	19 58	33 4	16	6	0.021	3	3	47	
69.96	1.35	20 0	33 0	80	30	0.419	3	4	47	
70.13	1.71	19 59	33 20	3	3	0.007	3	2	47	S 99
70.24	1.53	20 0	33 20	3	3	0.007	3	2	47	S 100
70.95	0.74	20 5	33 30	180	180	5.550	3	6	47	
71.01	0.04	20 8	33 10	20	10	0.030	3	5	47	
71.03	1.54	20 2	34 0	33	15	0.082	3	4	47	
71.06	6.32	19 42	36 30	195	30	1.244	3	6	0	
71.37	1.01	20 5	34 0	40	20	0.060	3	4	47	
71.40	-11.76	20 53	26 30	70	30	0.665	3	6	0	
71.58	2.86	19 58	35 10	20	15	0.042	3	1	47	C 173
71.62	- 5.50	20 31	30 30	70	15	0.345	4	6	0	S 102
71.67	1.46	20 4	34 30	60	50	0.378	3	5	47	
71.83	2.77	19 59	35 20	20	10	0.033	3	4	47	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
71.84	0.58	20 8	34 10	43	15	0.121	3	4	47	
71.85	6.31	19 44	37 10	30	8	0.048	3	6	0	
71.87	2.07	20 2	35 0	80	50	0.277	3	3	47	
71.89	-0.38	20 12	33 40	53	15	0.145	3	4	47	
71.94	6.82	19 42	37 30	30	6	0.036	3	6	0	
72.01	1.92	20 3	35 2	20	5	0.015	3	2	47	
72.18	3.47	19 57	36 0	100	40	0.583	3	5	47	
72.53	1.52	20 6	35 15	25	10	0.036	3	3	47	
72.86	2.70	20 2	36 10	80	10	0.248	4	5	47	
72.86	0.27	20 12	34 50	15	3	0.012	3	3	47	IC 1310
73.10	1.41	20 8	35 40	90	20	0.272	3	3	47	
73.32	5.78	19 50	38 10	20	6	0.021	4	6	0	
73.32	3.23	20 1	36 50	15	5	0.015	3	3	47	
73.48	-1.81	20 22	34 10	80	40	0.606	3	5	0	
73.58	6.16	19 49	38 35	20	10	0.054	3	6	0	
73.72	2.29	20 6	36 40	80	20	0.145	3	3	47	
73.75	-51.32	22 56	-0 10	22	12	0.070	1	6	0	
73.99	2.47	20 6	37 0	60	20	0.208	3	4	47	
74.27	3.59	20 2	37 50	60	20	0.227	3	4	47	
74.53	-8.42	20 50	31 0	210	160	0.000	0	0	0	NGC 696
74.62	3.35	20 4	38 0	10	3	0.003	3	4	47	
74.77	2.51	20 8	37 40	90	30	0.949	3	5	47	
74.80	3.69	20 3	38 20	4	3	0.006	3	4	47	
74.83	0.62	20 16	36 40	7	7	0.006	3	2	47	S 104
74.86	6.46	19 51	39 50	20	8	0.027	3	5	47	
74.90	3.53	20 4	38 20	5	3	0.003	3	4	47	
75.16	-1.86	20 27	35 30	130	60	1.225	3	6	47	
75.23	4.89	19 59	39 20	35	10	0.063	3	4	47	
75.24	6.47	19 52	40 10	70	10	0.132	3	5	47	
75.29	7.38	19 48	40 40	60	40	0.271	3	6	47	
75.30	6.05	19 54	40 0	45	10	0.097	3	5	47	
75.51	2.29	20 11	38 10	20	10	0.024	3	1	47	NGC 688
75.52	9.02	19 41	41 40	20	7	0.021	3	5	47	
75.57	3.72	20 5	39 0	300	150	3.124	4	6	47	
75.71	1.70	20 14	38 0	50	30	0.275	3	4	47	
75.74	5.65	19 57	40 10	40	10	0.076	3	6	47	
75.75	3.14	20 8	38 50	120	20	0.489	3	2	47	
75.79	1.28	20 16	37 50	30	15	0.088	3	5	47	
75.85	-1.11	20 26	36 30	70	30	0.444	3	6	47	
75.90	-0.33	20 23	37 0	240	60	3.050	3	5	47	
76.01	0.96	20 18	37 50	40	10	0.085	3	5	47	
76.10	4.75	20 2	40 0	20	5	0.027	3	4	47	
76.17	3.88	20 6	39 35	4	3	0.003	3	4	47	
76.26	2.08	20 14	38 40	40	20	0.121	3	4	47	
76.27	4.17	20 5	39 50	45	20	0.145	3	4	47	
76.35	4.68	20 3	40 10	15	5	0.015	3	3	47	
76.41	-1.45	20 29	36 45	10	10	0.018	1	2	47	
76.42	-1.19	20 28	36 55	30	20	0.137	3	5	47	
76.44	-23.42	21 45	22 10	25	10	0.067	1	6	0	
76.75	8.21	19 48	42 20	52	10	0.091	3	5	47	
76.80	4.28	20 6	40 20	180	90	1.822	3	5	47	
76.90	3.21	20 11	39 50	20	5	0.015	3	4	47	
76.99	0.44	20 23	38 20	150	60	1.689	3	6	47	
77.11	12.11	19 30	44 30	210	50	2.750	3	6	0	
77.13	-1.16	20 30	37 30	110	60	1.035	3	6	47	
77.26	4.80	20 5	41 0	100	10	0.329	3	3	47	
77.27	7.65	19 52	42 30	35	15	0.079	3	5	47	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE	AREA	C	B	ID	REF
77.33	-2.26	20 35	37 0	40 10	0.099	3	5	47	
77.39	-5.56	20 48	35 0	40 10	0.081	3	5	0	
77.41	-3.72	20 41	36 10	8 8	0.011	3	5	47	S 107
77.47	6.04	20 0	41 50	120 10	0.470	3	5	47	
77.60	4.58	20 7	41 10	160 30	0.782	3	4	47	
77.61	1.59	20 20	39 30	110 60	0.571	3	3	47	S 108
77.67	-3.52	20 41	36 30	180 150	40.106	4	6	47	
77.78	3.11	20 14	40 30	90 60	0.900	3	3	47	
77.82	6.91	19 57	42 35	53 20	0.130	3	4	47	
78.05	5.74	20 3	42 10	10 10	0.015	3	4	47	
78.12	3.79	20 12	41 10	60 20	0.151	3	2	47	
78.21	2.48	20 18	40 30	120 60	1.323	3	4	47	
78.21	2.48	20 18	40 30	40 20	0.112	3	2	47	
78.28	6.32	20 1	42 40	20 5	0.030	3	4	47	
78.37	4.63	20 9	41 50	30 20	0.127	3	4	47	
78.46	6.65	20 0	43 0	420 90	4.109	3	6	47	
78.55	0.85	20 26	39 50	45 20	0.175	3	1	47	IC 1318B
78.55	-4.87	20 49	36 20	45 30	0.190	3	5	47	
78.72	-2.43	20 40	38 0	101 20	0.472	3	5	47	
78.73	2.61	20 19	41 0	30 30	0.142	3	6	47	
78.73	1.45	20 24	40 20	50 30	0.263	3	1	47	
78.81	-5.71	20 53	36 0	50 20	0.127	3	4	43	
78.85	6.03	20 4	43 0	18 5	0.018	3	4	47	
78.85	3.60	20 15	41 40	45 25	0.211	3	1	47	IC 1318A
79.14	1.74	20 24	40 50	20 15	0.085	3	3	47	
79.15	-12.08	21 17	32 0	100 20	0.165	3	6	0	S 110
79.19	-4.60	20 50	37 0	70 10	0.264	3	4	47	
79.22	-6.69	20 58	35 40	12 2	0.011	3	4	43	
79.31	0.93	20 28	40 30	120 60	1.381	3	4	47	
79.32	0.22	20 31	40 5	30 10	0.066	3	5	47	
79.34	3.48	20 17	42 0	60 20	0.302	3	3	47	
79.37	6.78	20 2	43 50	60 15	0.124	3	5	47	
79.45	1.73	20 25	41 5	25 15	0.051	3	6	47	
79.51	6.87	20 2	44 0	80 30	0.369	3	4	47	
79.61	-2.48	20 43	38 40	130 30	0.968	3	6	47	
79.62	6.08	20 6	43 40	70 5	0.073	3	4	47	
79.63	-1.97	20 41	39 0	40 40	0.239	3	3	47	
79.66	-6.31	20 58	36 15	12 2	0.011	3	4	43	
79.71	1.22	20 28	41 0	60 20	0.211	3	3	47	
79.73	2.40	20 23	41 42	5 4	0.003	3	3	47	
79.74	-6.78	21 0	36 0	130 20	0.627	3	5	43	
79.87	2.72	20 22	42 0	180 90	1.668	3	5	47	
79.99	7.37	20 1	44 40	90 7	0.129	3	3	47	
79.99	0.01	20 34	40 30	40 10	0.045	3	4	47	
80.08	2.42	20 24	42 0	22 10	0.027	3	3	47	
80.10	2.66	20 23	42 9	3 3	0.001	1	1	47	NGC 6914
80.11	-0.14	20 35	40 30	10 6	0.006	3	3	47	
80.13	0.12	20 34	40 40	8 4	0.006	3	3	47	
80.15	-1.55	20 41	39 40	30 30	0.236	3	5	47	
80.16	4.05	20 17	43 0	30 20	0.085	3	3	47	
80.19	2.27	20 25	42 0	70 20	0.353	3	4	47	
80.26	2.54	20 24	42 13	3 3	0.001	1	1	47	NGC 6914
80.34	2.60	20 24	42 19	3 3	0.001	1	1	47	
80.34	-17.00	21 37	29 20	80 10	0.246	3	6	58	
80.35	-4.42	20 53	38 0	35 10	0.085	3	5	45	
80.36	-5.97	20 59	37 0	25 3	0.028	3	4	0	
80.43	0.82	20 32	41 20	50 45	0.338	3	5	47	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
80.45	1.07	20 31	41 30	12	3	0.006	3	3	47	
80.54	-16.49	21 36	29 50	70	10	0.165	3	6	58	S 111
80.61	1.42	20 30	41 50	45	20	0.175	3	4	47	
80.61	-3.43	20 50	38 50	60	25	0.310	3	5	46	
80.62	-5.75	20 59	37 20	8	3	0.004	3	4	0	
80.67	-4.92	20 56	37 55	10	8	0.011	3	4	45	
80.79	3.15	20 23	43 0	90	30	0.323	3	3	47	
80.92	2.11	20 28	42 30	50	40	0.236	3	5	47	
80.94	7.75	20 2	45 40	70	5	0.215	3	4	47	
80.96	-3.64	20 52	38 58	15	8	0.025	3	4	46	
81.01	-5.94	21 1	37 30	20	10	0.056	3	5	44	
81.04	8.22	20 0	46 0	50	20	0.155	3	4	47	
81.23	4.56	20 18	44 10	8	2	0.006	3	3	47	
81.26	-5.98	21 2	37 40	50	10	0.113	3	4	44	
81.27	3.92	20 21	43 50	60	10	0.100	3	3	47	
81.31	5.04	20 16	44 30	20	10	0.045	3	3	47	
81.31	-1.13	20 43	40 50	40	20	0.069	3	4	47	
81.37	4.65	20 18	44 20	40	10	0.048	3	3	47	
81.37	-4.84	20 58	38 30	130	13	0.504	3	5	45	
81.38	2.90	20 26	43 20	20	5	0.018	3	3	47	
81.41	-17.50	21 42	29 40	40	10	0.102	3	6	58	
81.44	-7.16	21 7	37 0	230	70	2.898	4	6	43	
81.54	2.11	20 30	43 0	42	10	0.057	3	4	47	
81.54	-1.42	20 45	40 50	120	30	0.517	3	5	47	
81.62	5.47	20 15	45 0	360	120	9.000	3	4	47	
81.66	0.58	20 37	42 10	40	20	0.094	3	4	47	
81.66	-1.57	20 46	40 50	40	40	0.184	3	6	47	
81.69	6.57	20 10	45 40	55	8	0.106	3	3	47	
81.88	4.79	20 19	44 50	30	10	0.030	3	3	47	
82.24	2.85	20 29	44 0	90	60	0.426	3	4	47	
82.31	-6.63	21 8	38 0	160	20	0.870	3	5	43	
82.35	2.71	20 30	44 0	23	20	0.057	3	3	47	
82.38	-4.21	20 59	39 40	50	10	0.130	4	5	45	
82.39	-2.19	20 51	41 0	35	15	0.088	3	5	0	
82.57	-0.83	20 46	42 0	90	30	0.580	3	4	47	
82.58	-6.92	21 10	38 0	85	10	0.158	3	4	43	
82.64	0.41	20 41	42 50	8	4	0.003	3	3	47	
82.70	0.46	20 41	42 55	20	10	0.036	3	4	47	
82.75	0.27	20 42	42 50	100	60	0.807	3	5	47	
82.79	5.83	20 17	46 10	25	10	0.039	3	2	47	
83.03	5.78	20 18	46 20	80	10	0.243	3	4	47	
83.04	-1.40	20 50	42 0	80	30	0.568	3	5	47	
83.18	-1.05	20 49	42 20	40	30	0.208	3	2	47	IC 50
83.33	-0.44	20 47	42 50	60	20	0.341	3	5	47	
83.34	2.78	20 33	44 50	40	20	0.197	3	4	47	
83.43	7.28	20 12	47 30	120	3	0.100	3	4	47	
83.65	-1.61	20 53	42 20	40	40	0.218	3	3	47	
83.70	-8.31	21 19	37 50	20	5	0.025	3	4	42	S 113
83.73	5.64	20 21	46 50	10	5	0.007	3	3	47	
83.73	0.12	20 46	43 30	60	60	0.502	3	4	47	
83.77	5.88	20 20	47 0	60	20	1.014	3	3	47	
83.77	3.32	20 32	45 30	13	13	0.028	3	1	47	C 181
83.86	0.22	20 46	43 40	40	15	0.115	3	2	47	
83.92	2.55	20 36	45 10	50	5	0.056	3	4	47	
83.98	-5.35	21 9	40 5	9	5	0.012	3	5	0	
84.00	0.57	20 45	44 0	70	40	0.363	3	5	47	
84.03	-1.29	20 53	42 50	60	30	0.450	3	6	47	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
84.07	5.46	20 23	47 0	80	40	0.673	3	5	47	
84.07	-0.30	20 49	43 30	40	10	0.106	3	2	47	
84.19	6.16	20 20	47 30	180	20	2.465	3	5	47	
84.22	-8.36	21 21	38 10	100	30	0.485	4	6	42	
84.24	-7.79	21 19	38 35	12	6	0.011	3	4	42	S 114
84.28	-1.32	20 54	43 0	40	20	0.160	3	3	47	
84.28	-1.32	20 54	43 0	45	20	0.160	3	3	47	
84.46	0.02	20 49	44 0	60	50	0.387	3	3	47	IC 5070
84.48	3.20	20 35	46 0	180	120	4.394	3	5	47	
84.57	4.76	20 28	47 0	85	30	0.437	3	3	47	
84.59	0.13	20 49	44 10	25	10	0.036	3	1	47	IC 5067
84.64	-1.49	20 56	43 10	60	20	0.118	3	2	47	
84.67	-11.34	21 33	36 20	90	40	0.648	4	6	41	
84.76	-1.87	20 58	43 0	50	30	0.202	3	3	47	
84.81	3.88	20 33	46 40	30	20	0.074	3	2	47	S 115
84.81	3.88	20 33	46 40	60	40	0.370	3	3	47	
84.82	-0.15	20 51	44 10	60	10	0.190	3	2	47	
84.82	-5.87	21 14	40 20	33	10	0.066	3	5	0	
84.88	2.41	20 40	45 50	80	10	0.141	3	4	47	
84.97	4.21	20 32	47 0	60	5	0.102	3	2	47	
85.24	-2.42	21 2	43 0	140	30	0.912	3	6	47	
85.30	6.32	20 23	48 30	110	30	1.056	3	6	47	
85.49	-2.69	21 4	43 0	100	40	0.106	3	4	47	
85.53	-9.85	21 31	38 0	150	30	0.842	4	5	41	
85.58	4.24	20 34	47 30	150	60	1.085	3	4	47	
85.58	4.24	20 34	47 30	10	2	0.007	3	3	47	
85.62	-3.32	21 7	42 40	40	10	0.112	3	5	47	
85.66	6.97	20 21	49 10	60	60	0.196	3	2	47	
85.68	0.12	20 53	45 0	120	20	0.350	3	4	47	
85.71	4.34	20 34	47 40	30	2	0.018	3	3	47	
85.75	-1.48	21 0	44 0	120	30	0.650	3	4	47	NGC 7000
85.86	-10.37	21 34	37 50	110	15	0.458	4	5	41	
85.91	4.07	20 36	47 40	25	2	0.011	3	3	47	
85.94	4.31	20 35	47 50	50	2	0.028	3	3	47	
85.99	6.80	20 23	49 20	105	10	0.264	3	3	47	
86.04	-0.04	20 55	45 10	90	30	0.429	3	3	47	
86.06	5.84	20 28	48 50	12	10	0.025	1	3	47	
86.08	4.41	20 35	48 0	150	60	1.838	3	5	47	
86.28	4.98	20 33	48 30	100	30	0.486	3	3	47	
86.39	5.67	20 30	49 0	240	120	3.187	3	4	47	
86.49	-3.76	21 12	43 0	20	10	0.035	3	4	36	
86.52	-0.09	20 57	45 30	120	100	1.483	3	1	47	
86.61	-0.95	21 1	45 0	70	20	0.221	3	2	47	
86.66	5.87	20 30	49 20	50	10	0.088	3	3	47	
86.76	-0.11	20 58	45 40	80	20	0.310	3	2	47	
86.87	1.80	20 50	47 0	240	120	6.813	3	6	47	
86.98	-3.54	21 13	43 30	15	5	0.014	3	3	36	
87.10	-3.43	21 13	43 40	20	10	0.028	3	4	36	
87.23	-3.80	21 15	43 30	150	60	1.961	3	5	36	S 119
87.33	-1.73	21 7	45 0	50	8	0.085	3	5	47	
87.34	-3.44	21 14	43 50	25	10	0.042	3	3	36	
87.47	1.41	20 54	47 12	7	7	0.007	1	1	47	IC 5076
87.52	-9.16	21 36	39 50	2	2	0.001	4	6	0	
87.58	-9.10	21 36	39 55	2	2	0.001	4	6	0	
87.64	-9.31	21 37	39 48	2	2	0.001	4	6	0	
87.66	-9.29	21 37	39 50	2	2	0.001	4	6	0	
87.72	-8.94	21 36	40 8	2	2	0.001	4	6	0	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
87.74	-4.32	21 19	43 30	90	15	0.190	3	2	36	
87.77	-4.81	21 21	43 10	100	40	0.606	3	4	36	
87.97	-3.84	21 18	44 0	60	30	0.458	3	4	36	
88.34	1.71	20 56	48 03	5	3	0.003	1	6	0	DG166
88.83	-3.99	21 22	44 30	90	60	0.680	3	6	36	
89.56	- 8.04	21 40	42 00	270	90	5.028	4	6	0	S 118
90.02	38.77	16 45	60 20	120	30	0.771	2	6	0	
90.06	-5.82	21 34	44 0	120	12	0.335	4	6	0	
90.34	2.39	21 1	50 0	2	2	0.001	1	3	39	DG170
90.38	2.21	21 2	49 55	2	2	0.001	1	3	39	DG169
90.45	1.40	21 6	49 25	2	2	0.001	3	4	40	
90.45	1.84	21 4	49 43	2	2	0.001	3	4	40	DG171
90.48	38.06	16 50	60 50	40	12	0.127	2	6	0	
90.48	2.30	21 2	50 3	2	2	0.001	1	3	39	
91.00	-6.39	21 40	44 12	15	10	0.049	4	5	0	S 123
91.47	38.51	16 45	61 30	210	20	1.021	2	6	0	
91.66	-2.54	21 28	47 30	80	10	0.278	3	6	37	
91.75	-1.47	21 24	48 20	30	20	0.113	3	6	37	
92.16	-31.71	22 55	24 0	200	120	1.873	1	6	0	
92.93	-37.77	23 10	19 0	180	180	4.911	1	6	0	
93.22	-10.33	22 3	42 30	190	90	2.560	2	6	0	
94.08	-1.36	21 34	50 0	30	12	0.085	3	4	38	
94.20	8.02	20 49	56 35	15	13	0.046	1	5	0	C 184
94.41	-1.48	21 36	50 8	12	10	0.021	3	2	38	
94.43	-5.58	21 52	47 0	10	10	0.018	2	1	0	IC 5146
94.57	-10.68	22 10	43 0	270	270	8.412	1	6	52	
94.79	-1.77	21 39	50 10	90	30	0.190	3	4	38	S 124
94.89	-33.71	23 8	23 20	20	8	0.032	2	6	0	
94.98	-16.95	22 30	38 0	110	30	0.704	3	6	55	S 126
95.10	-16.04	22 28	38 50	100	20	0.415	3	4	55	
95.27	-16.14	22 29	38 50	50	10	0.099	3	3	55	
95.40	-31.87	23 6	25 10	50	8	0.081	2	6	0	
95.55	-12.55	22 20	42 0	270	30	2.729	2	5	52	
95.77	-17.61	22 35	37 50	120	30	0.972	3	6	0	
95.90	-49.94	23 40	9 0	80	30	0.732	2	6	0	
96.04	-18.34	22 38	37 20	20	12	0.060	3	6	56	
96.23	2.55	21 27	54 20	1	1	0.001	4	4	0	S 127
96.26	-14.97	22 30	40 20	75	20	0.366	2	4	52	DG187
96.31	-18.30	22 39	37 30	30	5	0.039	2	4	56	
96.37	-28.75	23 3	28 20	28	6	0.042	1	6	0	
96.59	-19.03	22 42	37 0	10	10	0.014	3	5	0	
97.47	8.50	21 02	59 21	1	1	0.001	2	4	0	DG168
97.54	-15.12	22 36	40 50	110	30	0.567	2	5	52	
97.56	3.14	21 31	55 40	1	1	0.001	3	2	0	S 128
97.80	15.26	20 18	63 40	10	10	0.021	3	6	10	
97.95	7.55	21 10	59 5	60	5	0.095	3	4	24	
97.99	6.51	21 16	58 23	12	10	0.031	1	3	0	C191
98.01	15.90	20 14	64 10	10	3	0.024	3	6	10	
98.14	-14.88	22 38	41 20	42	10	0.113	2	6	52	
98.26	7.84	21 10	59 30	150	110	1.190	3	5	24	C 190
98.81	-14.48	22 40	42 0	290	90	4.849	4	6	0	
98.83	4.12	21 33	57 15	12	4	0.007	3	2	14	IC 139
98.87	3.97	21 34	57 10	14	2	0.007	3	2	14	IC 139
98.97	7.81	21 14	60 0	100	13	0.310	3	4	24	
99.41	-15.37	22 45	41 30	180	120	4.169	2	6	52	
99.50	3.86	21 38	57 30	150	130	4.475	3	4	14	
99.88	4.30	21 38	58 5	10	3	0.011	3	2	14	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
100.22	3.68	21 43	57 50	90	40	0.880	3	3	14	
100.54	-16.13	22 52	41 20	80	30	0.444	2	5	52	
100.76	17.32	20 15	67 10	160	120	0.775	4	6	0	
100.91	-16.68	22 55	41 0	35	20	0.070	2	4	52	
101.07	-14.70	22 51	42 50	60	15	0.254	2	5	52	
101.18	-15.32	22 53	42 20	30	20	0.123	2	4	52	
101.24	-16.46	22 56	41 20	50	25	0.183	2	5	52	
101.56	22.01	19 32	69 50	70	15	0.236	2	6	7	
101.66	22.77	19 24	70 10	90	10	0.194	2	6	7	
102.41	-31.06	23 29	28 20	20	5	0.014	1	6	0	
102.50	-25.55	23 20	33 30	15	5	0.018	2	5	60	
102.67	15.42	20 42	67 40	60	50	0.426	3	6	18	
102.76	21.89	19 38	70 50	60	20	0.278	2	6	6	
102.76	-0.70	22 17	55 50	30	20	0.081	3	2	13	
102.76	-27.25	23 24	32 0	240	120	3.370	2	5	60	
102.78	10.64	21 19	64 40	30	15	0.081	1	4	0	DG174
102.79	-0.92	22 18	55 40	80	70	1.187	3	4	13	S 132
102.84	2.07	22 6	58 10	45	10	0.077	3	5	12	
103.04	14.12	20 55	67 10	150	50	2.313	3	6	18	
103.05	9.67	21 27	64 10	80	20	0.320	4	5	0	S 133
103.09	-15.28	23 2	43 10	30	30	0.067	2	5	0	
103.09	-17.10	23 6	41 30	40	20	0.176	2	4	0	
103.10	1.28	22 11	57 40	45	20	0.180	3	4	12	
103.11	-24.15	23 20	35 0	90	20	0.486	2	5	60	
103.20	22.72	19 30	71 30	80	8	0.127	2	6	6	
103.30	3.38	22 3	59 30	20	10	0.049	3	5	12	
103.47	14.94	20 51	68 0	20	10	0.046	3	6	18	
103.57	-30.89	23 33	28 50	60	40	0.570	2	6	0	
103.71	2.17	22 11	58 45	10	5	0.007	3	4	12	
104.04	1.73	22 15	58 34	20	8	0.028	3	5	12	
104.08	14.21	21 1	68 0	10	8	0.018	1	1	18	NGC 702
104.11	3.42	22 8	60 0	23	15	0.035	3	5	12	
104.23	2.02	22 15	58 55	8	2	0.004	3	3	12	
104.28	2.09	22 15	59 0	190	150	6.729	3	6	12	S 134
104.38	2.02	22 16	59 0	13	5	0.018	3	3	12	
104.39	1.32	22 19	58 25	22	15	0.056	3	4	12	S 135
104.44	1.39	22 19	58 30	5	2	0.005	3	2	12	
104.68	4.24	22 8	61 0	100	50	0.954	3	6	17	
105.17	13.40	21 15	68 15	12	8	0.030	3	5	0	DG172
105.28	4.03	22 13	61 10	4	4	0.004	3	5	17	DG180
105.30	9.90	21 41	65 50	2	2	0.001	2	1	0	NGC 712
105.48	7.80	21 55	64 20	120	60	1.415	4	5	0	S 137
105.75	-18.31	23 21	41 20	20	20	0.070	1	5	0	
106.21	5.41	22 13	62 50	7	5	0.005	1	3	11	
106.30	-0.11	22 37	58 10	25	15	0.088	3	5	16	
106.32	-0.35	22 38	57 58	10	7	0.018	3	4	16	S 139
106.32	-20.19	23 27	39 45	30	4	0.035	1	5	0	
106.34	11.77	21 36	67 55	2	2	0.001	1	2	0	C 194
106.60	5.16	22 17	62 50	35	25	0.236	3	5	11	S 140
106.76	-0.92	22 43	57 40	83	60	1.063	4	5	15	
106.77	-19.55	23 28	40 30	60	10	0.180	1	5	0	
106.78	4.60	22 21	62 27	1	1	0.001	2	5	0	DG183
106.79	3.26	22 27	61 20	5	6	0.002	3	6	0	S 141
106.83	3.34	22 27	61 25	3	3	0.003	4	5	0	
107.04	-0.97	22 45	57 45	25	20	0.092	3	1	15	NGC 738
107.64	0.76	22 43	59 34	10	7	0.014	3	5	0	S 144
107.80	-0.34	22 48	58 40	50	30	0.250	3	6	0	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
108.24	0.53	22 48	59 38	3	2	0.001	4	3	0	S 146
108.28	13.32	21 40	70 20	35	20	0.158	3	6	0	
108.33	-1.05	22 54	58 15	2	2	0.001	3	4	0	S 149
108.59	-2.73	23 1	56 50	30	23	0.095	3	5	0	S 151
108.78	-1.01	22 57	58 29	5	5	0.007	3	4	0	S 153
108.80	-0.98	22 57	58 31	2	2	0.001	3	4	0	S 152
108.88	6.09	22 30	64 50	35	5	0.053	3	4	11	S 150
108.96	1.70	22 49	61 0	55	20	0.211	3	4	11	S 154
108.98	2.80	22 45	62 0	540	90	19.433	3	5	11	
109.07	6.41	22 30	65 12	15	10	0.032	1	5	11	DG186
109.57	2.41	22 51	61 55	4	3	0.002	1	4	11	DG188
109.78	-40.67	0 6	20 50	30	18	0.099	1	6	0	
109.91	7.43	22 32	66 30	50	20	0.197	3	6	11	
110.07	2.64	22 54	62 20	14	5	0.014	3	2	11	
110.08	12.31	22 4	70 40	120	20	0.408	4	6	5	
110.11	2.44	22 55	62 10	50	30	0.303	3	4	11	S 155
110.24	-41.26	0 8	20 20	25	12	0.056	1	6	0	
110.25	11.38	22 12	70 1	10	3	0.007	3	3	5	DG179
110.71	9.67	22 27	68 50	20	20	0.042	2	6	0	
110.96	-0.83	23 12	59 30	27	10	0.049	3	2	11	
111.05	-12.46	23 38	48 30	90	10	0.233	2	3	0	DG191
111.07	14.08	22 0	72 40	155	30	1.141	4	6	4	
111.08	-0.87	23 13	59 30	80	40	0.489	3	4	11	
111.14	-0.72	23 13	59 40	3	3	0.001	2	1	11	S 157
111.16	11.66	22 19	70 45	10	4	0.011	2	5	0	
111.26	9.35	22 34	68 50	2	2	0.001	2	1	0	
111.37	-0.45	23 14	60 0	60	10	0.095	3	3	11	
111.54	13.70	22 8	72 38	5	3	0.006	1	4	4	DG177
111.58	0.77	23 12	61 13	8	7	0.011	3	1	11	NGC 75
111.67	0.33	23 14	60 50	7	7	0.007	3	4	11	S 158
111.72	-0.23	23 16	60 20	20	3	0.021	3	4	11	
111.81	19.13	21 15	76 50	5	5	0.005	1	5	3	
111.84	14.10	22 8	73 8	10	5	0.018	1	3	4	DG178
112.02	0.90	23 15	61 30	90	50	1.063	3	4	11	S 161
112.16	0.23	23 18	60 55	15	8	0.025	3	1	11	NGC 76
112.16	0.23	23 18	60 55	30	25	0.123	3	3	11	
112.23	20.50	21 0	78 0	140	30	0.803	2	5	3	
112.52	3.75	23 10	64 20	100	15	0.440	3	5	0	S 160
112.55	20.79	20 59	78 25	35	10	0.070	2	5	3	
112.77	18.02	21 40	76 43	5	5	0.007	1	5	3	
113.05	-4.51	23 36	56 41	5	5	0.004	3	4	0	S 164
113.08	21.10	21 0	79 0	145	40	1.120	2	6	3	
113.49	-42.39	0 19	19 40	60	10	0.162	3	6	0	
113.53	-0.67	23 31	60 30	18	10	0.035	3	4	0	S 163
113.65	15.16	22 20	75 0	135	30	0.430	4	6	0	
113.87	-12.30	23 54	49 20	15	10	0.027	2	5	48	
114.07	-12.17	23 55	49 30	140	60	1.136	2	6	48	
114.12	-13.51	23 57	48 12	15	5	0.009	2	4	48	
114.18	-6.90	23 48	54 40	110	20	0.690	1	6	0	
114.26	-11.28	23 55	50 25	60	10	0.136	2	4	48	
114.48	-13.45	23 59	48 20	70	15	0.160	2	4	48	
114.55	0.22	23 37	61 39	8	8	0.014	3	4	0	S 165
114.63	-0.85	23 40	60 38	10	10	0.021	3	6	0	S 166
115.35	17.57	22 20	77 55	27	15	0.077	4	6	0	
115.71	-1.61	23 50	60 10	5	5	0.004	2	3	0	S 168
115.73	20.13	21 53	80 10	70	60	0.852	3	6	0	
115.78	-44.13	0 27	18 10	80	20	0.373	3	6	67	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
115.84	-1.60	23 51	60 12	5	5	0.005	3	2	0	
116.03	25.51	19 50	83 30	180	25	0.915	3	6	0	
116.20	12.34	23 12	73 40	30	20	0.092	3	5	8	
116.36	-44.68	0 29	17 40	40	10	0.070	3	6	67	
116.80	12.30	23 20	73 50	40	15	0.130	4	6	8	
116.81	0.03	23 56	62 0	30	2	0.035	4	5	0	
117.62	2.29	23 59	64 23	20	20	0.070	3	4	0	S 170
117.68	-3.69	0 8	58 30	5	5	0.005	1	1	0	
117.94	24.90	20 40	84 50	80	40	0.592	3	6	0	
118.06	5.04	23 58	67 10	10	4	0.007	3	3	22	
118.11	4.78	23 59	66 55	20	10	0.056	3	2	22	C 214
118.25	4.84	0 0	67 0	180	150	2.447	3	5	22	
118.25	4.84	0 0	67 0	120	90	2.965	3	6	22	
118.28	4.49	0 1	66 40	35	35	0.225	3	4	22	
118.32	3.16	0 04	65 21	1	1	0.001	1	6	0	DG 2
118.37	4.98	0 1	67 10	35	10	0.095	3	3	22	
118.50	6.15	0 0	68 20	95	20	0.398	3	4	22	
118.51	4.62	0 3	66 50	25	20	0.077	3	2	22	
118.59	6.13	0 1	68 20	20	4	0.021	3	3	22	NGC 782
119.04	-3.37	0 18	59 0	6	4	0.002	3	3	0	
119.04	3.02	0 01	65 20	2	2	0.001	1	5	0	DG 3
119.33	-0.89	0 18	61 30	20	5	0.018	3	3	25	
119.57	-0.92	0 20	61 30	25	20	0.113	3	5	25	S 173
119.83	-6.05	0 26	56 25	2	2	0.001	2	6	0	
119.98	-6.02	0 27	56 28	2	2	0.001	2	6	0	
120.29	1.86	0 24	64 20	1	1	0.001	4	2	0	S 175
120.29	-5.51	0 29	57 0	12	5	0.011	4	5	0	S 176
120.29	18.39	23 45	80 40	15	13	0.035	3	5	0	S 174
120.50	-6.52	0 31	56 0	60	15	0.239	3	6	0	DG 4
120.89	-12.56	0 36	50 0	7	5	0.003	2	4	0	
121.28	-30.41	3 42	32 10	2	1	0.001	2	4	0	C 24
121.48	6.62	0 32	69 10	2	1	0.001	1	5	0	DG 5
121.62	-10.59	0 40	52 0	85	50	0.546	2	6	32	
122.07	-0.93	0 41	61 40	5	5	0.004	1	5	0	
122.17	-7.10	0 43	55 30	180	70	2.725	2	6	31	
122.23	26.05	23 0	88 30	140	70	2.039	3	6	1	
122.36	-4.94	0 44	57 40	60	30	0.292	2	4	32	
122.55	-11.86	0 46	50 45	20	20	0.042	2	4	29	
122.55	-11.61	0 46	51 0	10	3	0.007	2	4	29	
122.60	-7.27	0 46	55 20	7	2	0.001	2	5	0	DG 7
122.62	-5.61	0 46	57 0	10	3	0.056	2	4	32	
122.71	-12.19	0 47	50 25	13	3	0.011	2	4	29	
122.71	-12.11	0 47	50 30	3	2	0.001	2	4	29	
122.92	2.39	0 48	65 0	15	8	0.028	4	6	0	S 181
123.03	-6.44	0 49	56 10	23	10	0.060	3	4	31	
123.17	-6.28	0 50	56 20	35	30	0.148	3	1	31	NGC 281
123.21	23.39	1 0	86 0	450	300	39.240	3	6	1	S 178
123.23	2.89	0 51	65 30	45	20	0.092	4	6	0	
123.52	-28.27	0 51	34 20	110	20	0.426	1	6	0	
123.63	-1.77	0 54	60 50	10	5	0.011	1	2	26	IC 59
123.70	- 6.40	0 54	56 13	2	2	0.001	1	5	0	DG 6
123.88	-1.93	0 56	60 40	10	3	0.007	2	1	26	IC 63
123.88	-1.93	0 56	60 40	120	25	0.919	2	6	26	S 185
124.12	-1.76	0 58	60 50	60	20	0.264	3	4	26	
124.12	10.67	1 4	73 15	6	3	0.003	3	4	0	
125.32	10.53	1 20	73 0	150	30	1.560	4	6	0	
125.98	32.27	11 0	84 30	280	150	6.641	3	6	2	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
126.54	24.68	4 10	85 50	13	10	0.028	3	5	1	
126.54	32.58	10 50	84 0	75	30	0.514	3	5	2	
126.70	-0.80	1 20	61 35	3	2	0.001	3	5	0	S 187
126.81	23.74	3 45	85 0	80	30	0.711	3	6	1	
127.53	24.47	4 30	85 0	105	30	0.687	3	6	1	
128.04	-4.12	1 27	58 7	10	3	0.004	3	1	0	S 188
128.86	13.60	2 20	75 10	23	8	0.025	4	5	0	
129.99	11.52	2 24	72 50	10	10	0.024	1	5	9	
130.06	11.55	2 25	72 50	8	3	0.004	1	5	9	DG 9
130.43	-6.52	1 41	55 20	35	10	0.077	1	6	0	
130.67	-6.98	1 42	54 50	30	10	0.077	1	6	0	
131.35	-45.88	1 13	16 20	25	8	0.042	2	5	68	
131.54	-8.16	1 46	53 30	35	25	0.148	3	6	0	
132.05	1.12	2 8	62 20	35	10	0.088	4	6	28	
133.27	0.82	2 17	61 40	25	5	0.028	3	6	28	
133.46	8.48	2 47	68 40	3	2	0.002	1	4	0	DG 10
133.57	-44.96	1 20	17 0	270	20	1.373	2	6	68	
133.80	1.10	2 22	61 45	12	12	0.028	3	1	28	IC 179
133.82	1.38	2 23	62 0	13	8	0.025	3	3	28	
133.99	1.26	2 24	61 50	20	10	0.035	3	2	28	
134.04	-0.99	2 18	59 42	2	2	0.001	4	6	0	
134.04	1.46	2 25	62 0	120	60	1.239	3	6	28	
134.05	0.75	2 23	61 20	35	30	0.229	3	6	28	
134.25	14.00	3 30	73 0	210	210	9.775	4	6	0	
134.84	5.44	2 46	65 20	35	20	0.155	4	6	0	
134.90	-5.49	2 13	55 10	10	1	0.002	1	3	0	
134.96	0.75	2 30	61 0	60	60	0.827	3	3	28	IC 180
135.02	0.60	2 30	60 50	80	30	0.461	3	5	28	
135.10	0.09	2 29	60 20	55	20	0.176	3	3	28	
135.13	0.01	2 29	60 15	15	10	0.028	3	2	28	
135.74	1.09	2 37	61 0	100	30	1.331	3	5	28	
135.91	-0.56	2 33	59 25	2	2	0.001	4	4	0	
136.20	2.10	2 44	61 44	3	3	0.001	3	5	28	S 193
136.21	2.09	2 44	61 43	1	1	0.001	3	5	28	S 192
136.23	2.04	2 44	61 40	2	2	0.001	3	5	28	
136.29	-0.46	2 36	59 22	1	1	0.001	4	6	0	S 191
136.40	2.50	2 47	62 0	6	6	0.007	3	4	28	S 196
136.53	-0.37	2 38	59 21	2	2	0.001	4	6	0	S 195
137.23	-9.80	2 18	50 20	24	8	0.036	1	6	49	
137.24	0.77	2 47	60 5	40	10	0.130	3	2	27	IC 184
137.29	-9.96	2 18	50 10	150	60	1.779	1	6	49	
137.38	0.19	2 46	59 30	10	10	0.021	3	4	27	
137.39	0.47	2 47	59 45	25	5	0.028	3	2	27	
137.50	-10.06	2 19	50 0	22	7	0.030	1	6	49	
137.62	0.86	2 50	60 0	120	60	1.254	3	3	27	
137.69	1.27	2 52	60 20	25	7	0.042	3	2	27	
138.18	4.11	3 7	62 35	8	8	0.014	4	6	0	S 200
138.50	1.59	2 59	60 14	4	4	0.003	3	4	27	IC 187
139.57	2.70	3 11	60 40	20	4	0.010	3	4	27	
140.07	1.64	3 10	59 30	240	120	7.996	4	6	27	S 202
140.14	3.85	3 20	61 20	3	2	0.001	1	4	0	DG 13
140.77	-1.42	3 3	56 30	105	10	0.313	4	5	0	
141.62	-0.44	3 12	56 55	10	5	0.011	1	5	0	DG 12
141.68	2.87	3 26	59 40	20	8	0.095	1	4	27	
142.14	1.97	3 25	58 40	35	20	0.028	1	4	27	DG 17
142.46	37.02	9 10	71 0	300	30	2.996	1	6	0	
142.65	1.91	3 28	58 20	40	20	0.240	1	6	27	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
143.37	-2.20	3 16	54 30	90	70	1.525	4	6	33	S 203
143.46	-2.89	3 14	53 52	5	3	0.001	4	5	33	
144.89	17.42	5 22	67 30	50	30	0.419	2	6	21	
145.45	-39.40	2 2	20 0	60	30	0.246	2	5	65	DG 8
145.80	2.83	3 51	57 10	30	10	0.049	4	5	0	S 204
146.21	17.61	5 30	66 30	80	20	0.419	2	6	21	
147.05	41.11	9 33	66 0	180	120	3.197	2	6	0	
147.56	36.88	8 52	67 15	20	10	0.039	2	5	19	
147.69	-25.69	2 34	31 50	90	15	0.039	2	6	0	
147.69	17.07	5 32	65 0	90	35	0.810	2	6	21	
147.82	37.57	8 58	66 50	110	40	1.127	2	6	19	
148.11	-0.45	3 49	53 10	43	25	0.225	3	5	30	
148.13	4.32	4 11	56 45	5	5	0.003	4	6	0	
148.15	23.46	6 32	67 0	105	15	0.377	2	5	20	
148.81	16.60	5 33	63 50	30	10	0.074	2	6	21	
148.83	17.71	5 42	64 20	45	15	0.134	2	6	21	
149.02	-0.13	3 55	52 50	100	80	1.641	3	5	30	S 205
149.07	24.06	6 40	66 20	70	50	0.637	2	6	20	
149.59	-39.12	2 15	19 0	420	120	7.176	2	6	65	
150.56	-0.99	3 59	51 11	6	9	0.011	3	1	51	NGC 149
150.69	-0.90	4 0	51 10	25	25	0.123	4	3	51	
150.90	-1.15	4 0	50 50	45	10	0.142	4	4	51	S 206
150.95	-38.06	2 21	19 30	50	20	0.236	2	5	65	
151.25	2.12	4 16	53 0	7	5	0.003	4	3	0	S 207
151.45	-1.78	4 0	50 0	45	20	0.190	1	6	0	
151.54	- 0.24	4 7	51 5	7	7	0.003	4	3	0	
152.38	-37.68	2 26	19 20	30	10	0.137	2	5	65	
152.67	2.84	4 26	52 30	20	20	0.092	4	5	0	S 210
152.91	-8.35	3 42	44 0	160	80	2.542	1	6	53	
153.32	-8.88	3 42	43 20	60	30	0.342	1	6	53	
154.25	-44.47	2 18	12 40	60	8	0.106	1	6	0	
154.40	-16.40	3 23	36 40	10	8	0.011	3	5	54	
154.69	2.43	4 33	50 45	2	2	0.001	3	2	0	S 211
154.74	-15.14	3 28	37 30	210	30	1.775	3	6	54	
154.79	-15.20	3 28	37 25	35	30	0.246	3	5	54	
155.13	-14.65	3 31	37 40	70	25	0.313	3	5	54	
155.19	-14.40	3 32	37 50	12	10	0.032	1	5	54	DG 19
155.43	2.63	4 37	50 20	5	5	0.004	3	1	0	NGC 162
155.50	32.62	8 3	61 30	55	12	0.151	2	6	23	
155.53	-6.41	4 0	43 50	40	8	0.074	1	6	0	
155.96	-24.08	3 8	29 30	180	60	3.440	3	6	61	
156.05	-23.42	3 10	30 0	360	330	22.000	3	6	61	
156.50	32.52	8 2	60 40	43	10	0.081	2	5	23	
156.51	35.11	8 23	60 30	25	10	0.049	2	6	0	
156.68	34.50	8 18	60 25	32	6	0.035	2	6	0	
156.85	-44.77	2 24	11 30	180	12	0.754	1	6	0	
157.08	-3.61	4 17	44 50	1	1	0.001	3	6	0	S 213
157.08	32.78	8 4	60 10	25	5	0.028	2	6	23	
157.48	32.66	8 3	59 50	35	7	0.049	2	6	23	
157.58	-20.59	3 23	31 30	10	2	0.002	3	4	0	DG 14
157.62	-3.90	4 18	44 15	4	4	0.003	4	6	0	S 214
157.76	-8.90	4 0	40 30	210	120	4.852	2	6	0	
157.77	2.28	4 45	48 28	1	1	0.001	2	3	0	DG 45
158.14	-13.85	3 45	36 30	300	120	7.510	3	6	54	
158.22	5.92	5 4	50 16	8	5	0.009	1	5	0	
158.25	-21.08	3 24	30 44	20	10	0.039	1	5	0	
158.31	-20.44	3 26	31 13	9	7	0.014	1	3	0	NGC 13

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
158.62	0.70	4 41	46 40	55	30	0.260	3	5	35	
158.71	-33.88	2 53	20 0	140	70	1.951	2	5	66	
158.73	0.83	4 42	46 40	50	15	0.151	3	4	35	S 216
159.17	3.33	4 55	47 56	9	9	0.012	3	3	0	S 217
159.31	-21.67	3 26	29 40	10	10	0.007	1	4	0	DG 16
159.33	2.55	4 52	47 19	2	2	0.001	3	3	0	S 219
159.39	-14.36	3 48	35 20	40	30	0.303	1	4	54	
159.59	-18.51	3 36	32 0	150	60	1.820	2	6	62	
159.84	12.50	5 45	52 30	90	20	0.408	3	6	34	S 218
159.90	11.58	5 40	52 0	160	20	0.880	4	6	34	
159.95	-11.90	3 58	36 50	300	60	2.842	3	4	54	
160.07	-35.54	2 53	18 0	100	60	1.056	2	6	66	
160.09	1.93	4 52	46 20	60	15	0.166	4	6	0	S 221
160.16	0.97	4 48	45 40	12	6	0.015	4	6	0	
160.18	-12.15	3 58	36 30	160	40	0.982	3	1	54	NGC 14
160.45	-15.24	3 49	34 0	45	15	0.158	3	6	54	
160.47	-17.86	3 41	31 59	10	10	0.011	2	2	62	IC 348
161.30	3.18	5 2	46 10	90	30	0.716	3	6	0	
161.45	14.78	6 3	52 10	25	15	0.092	1	6	0	
161.59	-20.85	3 36	29 0	140	30	0.119	2	6	0	
161.73	-35.81	2 57	17 0	30	30	0.158	2	5	66	
162.83	-31.84	3 10	19 40	25	12	0.081	2	6	0	
163.16	12.53	5 55	49 40	40	10	0.118	3	6	50	
163.76	12.22	5 55	49 0	50	20	0.181	3	6	50	
165.14	- 8.51	4 28	35 20	3	3	0.002	1	4	0	
165.38	- 8.73	4 28	35 20	3	3	0.002	1	4	0	NGC157
165.93	2.44	5 14	42 0	70	10	0.187	4	4	0	S 223
166.16	4.52	5 24	43 0	20	3	0.011	4	5	0	S 224
166.39	-23.63	3 43	24 0	90	90	1.042	1	3	64	
166.39	-23.63	3 43	24 0	60	40	0.834	1	1	64	NGC 14
166.39	-23.63	3 43	24 0	180	180	4.113	1	5	64	
166.92	-25.20	3 40	22 30	150	120	5.739	1	6	64	DG 20
167.05	-21.26	3 52	25 20	180	30	1.116	1	3	64	
167.58	-19.18	4 0	26 30	50	20	0.243	3	6	64	
167.67	-22.55	3 50	24 0	200	60	3.046	1	6	64	
168.10	-19.04	4 2	26 15	20	18	0.074	3	4	64	DG 26
168.13	2.97	5 23	40 30	10	3	0.014	4	5	0	S 225
168.34	-20.57	3 58	25 0	150	60	2.708	3	6	64	
168.49	- 0.89	5 08	37 58	2	2	0.002	4	3	0	S 226
168.71	0.89	5 16	38 50	30	20	0.065	4	5	0	S 227
169.02	-15.54	4 16	28 5	15	10	0.032	2	5	0	IC 359
169.24	- 0.94	5 10	37 20	10	8	0.015	3	5	116	
169.24	- 0.94	5 10	37 20	2	2	0.002	3	1	116	S 228
169.30	-14.89	4 19	28 20	5	5	0.011	3	4	0	DG 30
170.00	-18.29	4 10	25 30	180	100	2.669	3	4	64	IC 360
171.10	0.22	5 20	36 30	180	20	1.134	4	6	57	
171.88	-15.66	4 24	25 59	5	2	0.002	3	4	64	C 33
171.92	3.27	5 35	37 30	120	30	0.986	4	6	0	
172.02	30.47	7 54	47 20	30	10	0.103	2	6	0	
172.07	-2.72	5 11	34 0	100	30	0.493	3	3	57	
172.09	-14.64	4 28	26 30	360	120	6.620	4	6	64	
172.09	-9.72	4 45	29 42	10	6	0.018	1	4	0	
172.15	-0.01	5 22	35 30	55	10	0.173	3	3	57	
172.16	-2.02	5 14	34 20	50	30	0.331	3	2	57	IC 405
172.56	-2.05	5 15	34 0	240	240	8.412	3	4	57	
172.72	2.04	5 32	36 10	60	10	0.120	4	6	0	
172.98	-7.37	4 56	30 29	8	5	0.011	1	4	0	DG 48

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
173.17	-17.99	4 20	23 30	140	10	0.423	3	5	64	
173.19	-16.48	4 25	24 30	300	30	3.250	4	6	64	
173.21	31.70	8 2	46 30	90	20	0.314	2	4	0	
173.33	2.37	5 35	35 50	2	2	0.002	3	3	0	S 233
173.44	2.54	5 36	35 50	12	10	0.021	3	4	0	
173.46	-0.16	5 25	34 20	13	10	0.014	3	2	57	IC 417
173.48	-13.73	4 35	26 5	4	2	0.002	3	5	64	DG 42
173.48	3.24	5 39	36 10	40	40	0.401	3	4	0	S 232
173.58	-1.75	5 19	33 20	40	30	0.194	3	2	57	IC 410
173.65	2.89	5 38	35 50	10	5	0.014	3	2	0	S 231
173.80	-5.83	5 4	30 46	2	2	0.001	4	5	0	DG 50
173.92	0.24	5 28	34 10	4	4	0.002	3	1	0	NGC 193
173.96	30.38	7 55	45 40	60	10	0.060	2	4	0	
174.03	-15.98	4 29	24 13	4	4	0.007	2	5	64	DG 37
174.12	-13.67	4 37	25 39	4	4	0.004	3	3	64	IC 2087
174.34	-17.75	4 24	22 50	10	6	0.014	1	2	64	C 34
174.71	-15.34	4 33	24 8	1	1	0.001	3	5	64	DG 40
175.28	-16.70	4 30	22 50	130	30	1.201	4	6	64	
176.18	-20.82	4 19	19 30	7	7	0.002	3	2	0	NGC 155
177.80	-0.23	5 36	30 40	22	10	0.053	3	5	0	DG 66
177.84	-20.28	4 25	18 40	150	20	1.215	4	6	69	
178.55	-53.38	2 47	-4 0	40	8	0.052	1	6	0	
178.87	-20.16	4 28	18 0	6	3	0.002	3	3	69	S 239
180.05	-1.66	5 36	28 0	200	180	0.000	3	3	0	S 240
180.71	4.30	6 1	30 30	4	4	0.005	1	2	0	C 61
180.93	4.18	6 1	30 15	2	2	0.002	3	2	59	DG 85
181.00	4.13	6 1	30 10	10	10	0.014	4	5	59	
182.30	0.07	5 48	27 0	7	7	0.011	3	3	0	S 242
182.41	0.27	5 49	27 0	10	10	0.014	3	3	0	DG 84
182.72	-28.39	4 11	10 05	5	5	0.011	1	3	0	DG 28
183.46	-33.30	3 57	6 30	22	10	0.042	4	4	79	
183.99	-4.16	5 36	23 20	8	5	0.003	3	5	0	S 243
184.36	-28.85	4 13	8 40	30	15	0.089	1	6	80	
184.36	-28.85	4 13	8 40	6	3	0.002	1	4	80	
184.62	-5.65	5 32	22 0	8	4	0.003	3	1	0	NGC 195
184.96	-29.26	4 13	8 0	140	25	0.926	4	6	0	
185.03	-34.34	3 57	4 50	20	7	0.032	4	4	79	
186.52	-34.66	3 59	3 40	80	12	0.352	4	4	79	
186.80	-5.37	5 38	20 19	3	3	0.002	1	5	0	
186.96	-16.62	4 59	14 0	90	30	0.722	3	6	0	S 246
187.35	-34.86	4 0	3 0	600	30	5.345	4	5	79	S 245
188.65	3.75	6 16	23 18	8	4	0.007	1	3	63	IC 444
188.69	4.25	6 18	23 30	50	40	0.634	3	5	63	S 249
188.71	-26.47	4 30	7 0	270	120	9.965	2	6	90	
189.02	0.91	6 6	21 36	10	10	0.014	4	3	0	S 247
189.13	2.97	6 14	22 30	50	40	0.000	0	0	0	IC 443
189.33	4.40	6 20	23 00	40	30	0.391	3	4	0	DG101
189.66	-24.95	4 37	7 10	10	4	0.007	3	5	91	S 250
189.67	-24.65	4 38	7 20	25	5	0.018	3	6	91	
189.68	-14.57	5 12	12 58	2	2	0.002	2	5	73	
189.78	-27.14	4 30	5 50	10	2	0.007	3	5	90	S 251
189.78	-13.76	5 15	13 20	5	3	0.003	3	2	73	
189.78	-13.76	5 15	13 20	15	8	0.018	4	5	73	
189.94	-26.94	4 31	5 50	10	10	0.025	4	6	90	
189.99	-37.03	3 58	0 0	930	120	26.900	4	6	79	
190.10	0.58	6 7	20 30	40	30	0.229	3	1	0	NGC 21
191.42	- 0.74	6 05	18 42	3	2	0.002	1	2	0	C 62

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
191.43	-52.20	3 10	-9 25	15	15	0.056	3	4	0	
192.05	-14.01	5 19	11 20	70	10	0.063	4	5	73	
192.48	-0.21	6 9	18 2	10	10	0.025	3	5	0	S 254
192.63	-0.02	6 10	18 0	4	4	0.003	3	2	0	IC 2162
193.74	-22.66	4 53	5 20	40	4	0.011	3	5	0	S 260
194.03	-39.47	3 57	-4 0	90	15	0.296	4	5	79	
194.05	-1.91	6 6	15 50	30	15	0.053	3	3	71	
194.10	-1.93	6 6	15 47	42	30	0.211	3	4	71	S 261
194.20	-1.99	6 6	15 40	30	10	0.025	3	3	71	
194.68	-12.42	5 30	10 0	270	240	11.468	3	4	73	C 54
194.69	-15.60	5 19	8 20	3	3	0.003	1	2	73	C 44
194.69	-15.60	5 19	8 20	20	20	0.085	3	4	73	S 263
194.71	-19.99	5 4	6 0	30	5	0.028	4	5	0	S 262
194.80	-16.54	5 16	7 45	40	5	0.099	4	4	73	S 265
194.85	-48.90	3 26	-9 30	65	2	0.049	4	5	0	
195.39	-16.89	5 16	7 5	30	5	0.060	4	4	73	
195.41	-17.19	5 15	6 55	40	5	0.070	4	4	73	
195.63	-2.51	6 7	14 10	30	12	0.092	3	5	78	S 268
196.11	-2.50	6 8	13 45	30	12	0.081	3	5	78	S 268
196.21	-1.17	6 13	14 18	8	5	0.007	3	5	0	S 267
196.49	-1.60	6 12	13 51	3	2	0.002	3	2	0	S 269
196.79	-3.15	6 7	12 50	1	1	0.001	3	5	0	S 270
196.95	-10.30	5 42	9 10	30	5	0.046	3	4	73	
197.19	-10.15	5 43	9 2	3	2	0.002	3	1	73	C 59
197.65	-17.90	5 17	4 43	40	3	0.053	4	4	73	
197.79	-17.11	5 20	5 0	45	15	0.165	4	4	73	
197.83	-17.71	5 18	4 40	40	6	0.070	4	4	73	
197.88	-18.61	5 15	4 10	40	5	0.070	4	4	73	
198.15	-18.18	5 17	4 10	50	5	0.081	4	4	73	
199.00	-15.48	5 28	4 50	70	10	0.211	3	4	73	
199.17	-15.58	5 28	4 38	3	2	0.002	1	2	73	
199.51	0.09	6 24	12 0	130	35	1.109	3	6	0	
199.63	-16.41	5 26	3 50	55	10	0.148	4	4	73	
199.67	1.11	6 28	12 20	55	20	0.235	3	5	0	
199.76	-18.21	5 20	2 50	120	30	0.908	3	3	73	
200.10	11.99	7 9	16 50	120	120	2.760	1	6	0	
200.20	-16.15	5 28	3 30	30	8	0.056	4	5	73	
200.36	-32.94	4 30	-5 0	60	30	0.352	2	6	0	
200.62	-14.08	5 36	4 10	20	4	0.014	1	3	73	DG 70
200.85	0.49	6 28	11 0	120	40	0.870	3	6	0	
201.02	-34.67	4 25	-6 20	40	10	0.085	3	5	0	
201.08	-33.56	4 29	-5 50	25	8	0.070	2	5	0	
201.31	0.25	6 28	10 29	5	4	0.004	1	3	0	IC 446
201.54	1.79	6 34	11 0	30	15	0.081	3	4	77	
201.62	-32.96	4 32	-5 56	26	8	0.053	2	5	0	
201.63	0.64	6 30	10 23	2	2	0.001	2	1	0	NGC 224
201.68	1.72	6 34	10 50	9	4	0.007	3	2	77	
201.69	0.05	6 28	10 3	25	20	0.127	1	3	0	IC 2169
201.79	0.55	6 30	10 12	2	2	0.001	2	1	0	NGC 224
201.83	-11.31	5 48	4 30	80	60	0.954	4	6	73	
202.16	-31.23	4 39	-5 30	40	30	0.278	2	4	0	
202.59	-22.31	5 11	-1 30	10	8	0.025	1	3	73	
202.61	-8.89	5 58	5 0	240	90	4.032	4	6	73	
202.80	-31.80	4 38	-6 15	35	10	0.088	1	4	0	
202.82	-23.28	5 8	-2 10	45	10	0.265	1	3	73	
202.92	2.18	6 38	9 57	10	7	0.014	3	1	76	NGC 226
203.10	2.09	6 38	9 45	45	25	0.137	3	2	76	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
203.12	-16.87	5 31	-0 42	2	2	0.002	1	2	73	IC 423
203.43	-16.75	5 32	-0 30	2	2	0.002	1	2	73	DG 59
203.48	-22.19	5 13	-2 10	60	20	0.261	1	3	73	
203.49	-24.76	5 4	-3 25	2	2	0.002	1	1	73	NGC 178
203.50	-30.15	4 45	-6 0	70	30	0.465	1	3	73	
203.64	-17.43	5 30	0 0	1560	600	130.000	3	6	73	
203.68	-21.16	5 17	-1 50	50	15	0.144	1	3	73	
203.74	1.20	6 36	8 46	2	1	0.001	2	1	0	NGC 226
203.76	-16.35	5 34	-0 25	10	3	0.010	1	2	73	IC 426
203.77	1.74	6 38	9 0	180	60	4.687	3	4	0	
203.79	-25.48	5 2	-4 0	120	60	1.180	3	5	73	
203.96	-15.31	5 38	-0 45	15	10	0.032	3	4	73	
204.03	-15.35	5 38	-0 40	2	2	0.001	1	3	73	DG 71
204.08	4.64	6 49	10 3	10	5	0.007	2	5	0	
204.09	-15.38	5 38	-0 36	2	2	0.001	1	3	73	DG 73
204.24	-16.03	5 36	-0 10	15	10	0.039	1	3	73	DG 67
204.31	0.62	6 35	8 0	540	120	28.400	3	5	74	
204.44	-0.56	6 31	7 20	30	20	0.148	1	4	75	
204.44	-0.56	6 31	7 20	15	10	0.032	1	3	75	IC 448
204.50	-1.16	6 29	7 0	55	10	0.123	3	4	74	
204.60	-13.66	5 45	1 0	420	30	5.109	3	3	73	DG 82
204.60	-13.66	5 45	1 0	140	15	0.542	3	2	73	
204.96	-17.55	5 32	-1 10	15	5	0.018	1	3	73	
205.03	-0.87	6 31	6 40	11	5	0.010	3	3	74	
205.13	-22.17	5 16	-3 30	200	80	2.627	1	4	73	
205.32	-14.04	5 45	0 12	7	5	0.007	2	2	73	NGC 207
205.38	-14.35	5 44	0 0	10	10	0.007	2	1	73	NGC 206
205.42	-17.78	5 32	-1 40	50	10	0.120	1	3	73	NGC 199
205.46	-1.66	6 29	5 55	18	8	0.028	3	3	74	
205.70	-21.89	5 18	-3 50	100	10	0.271	1	3	73	
205.92	-1.34	6 31	5 40	30	9	0.053	3	3	74	
206.06	-16.41	5 38	-1 33	8	5	0.011	1	1	73	IC 431
206.18	-23.53	5 13	-5 0	90	60	1.021	1	3	73	
206.21	-16.20	5 39	-1 35	10	10	0.021	1	1	73	IC 432
206.29	1.55	6 42	6 40	60	10	0.134	3	4	74	
206.39	-1.87	6 30	5 0	80	60	1.042	3	1	74	NGC 223
206.39	-1.87	6 30	5 0	18	18	0.060	3	3	74	
206.41	-17.44	5 35	-2 20	70	60	1.162	3	3	73	
206.71	-0.91	6 34	5 10	15	3	0.007	3	3	74	
206.87	0.13	6 38	5 30	200	90	4.331	3	4	74	
206.90	-16.56	5 39	-2 20	90	30	0.504	3	1	73	IC 434
206.90	-16.56	5 39	-2 20	10	8	0.010	1	1	73	NGC 202
207.26	-13.06	5 52	-1 0	40	10	0.141	3	2	73	
207.29	-22.66	5 18	-5 30	50	5	0.081	3	4	73	S 278
207.42	-22.44	5 19	-5 30	8	8	0.014	1	3	73	
207.43	-17.39	5 37	-3 10	60	30	0.570	4	3	73	
207.50	-27.78	5 0	-8 0	180	60	1.940	1	3	73	IC 2118
207.65	-23.11	5 17	-6 0	30	20	0.141	3	3	73	
207.66	-22.00	5 21	-5 30	30	10	0.074	1	3	73	
207.67	-16.94	5 39	-3 10	50	6	0.074	4	2	73	
207.80	-19.58	5 30	- 4 30	8	5	0.015	1	5	0	DG 56
207.86	-22.37	5 20	-5 50	110	60	1.317	1	4	73	
207.89	-17.62	5 37	-3 40	8	3	0.008	4	3	73	
207.98	-13.15	5 53	-1 40	90	50	0.708	3	5	73	
208.20	-17.77	5 37	-4 0	15	10	0.021	4	3	73	
208.39	-28.45	4 59	-9 0	20	12	0.060	3	4	73	DG 49
208.43	-22.08	5 22	-6 10	15	15	0.028	1	3	73	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
208.69	-2.51	6 32	2 40	40	40	0.264	3	4	85	S 280
208.69	-2.51	6 32	2 40	25	20	0.102	3	3	85	
208.69	-2.51	6 32	2 40	10	3	0.007	3	2	85	
208.69	-2.51	6 32	2 40	20	2	0.011	3	2	85	
209.13	-19.35	5 33	-5 30	90	60	0.923	3	1	73	NGC 197
209.16	-29.33	4 57	-10 0	120	30	0.616	1	5	73	
209.43	-13.33	5 55	-3 0	160	40	2.053	3	3	73	
209.84	-19.13	5 35	-6 0	240	180	5.905	4	3	73	NGC 198
210.04	-2.09	6 36	1 40	40	15	0.092	3	3	0	S 282
210.44	-19.70	5 34	-6 46	2	2	0.002	1	1	73	NGC 199
211.04	-28.21	5 4	-11 0	50	12	0.151	4	6	73	
211.10	-36.54	4 33	-14 30	120	16	0.426	4	6	0	
211.26	-15.36	5 51	-5 30	50	10	0.102	4	3	73	
211.65	-1.51	6 41	0 30	60	50	0.627	3	6	84	S 284
211.91	-1.37	6 42	0 20	40	30	0.158	3	5	84	
211.92	-14.84	5 54	-5 50	60	20	0.479	4	3	73	
212.03	-1.15	6 43	0 20	20	5	0.032	3	3	84	
212.06	-1.45	6 42	0 10	20	8	0.039	3	4	84	
212.07	-16.03	5 50	-6 30	180	60	2.518	4	4	73	
212.27	-17.51	5 45	-7 20	60	10	0.173	4	4	73	
212.81	-11.94	6 6	-5 18	10	3	0.004	2	3	73	DG 91
213.16	-27.73	5 9	-12 30	70	5	0.081	3	5	73	
213.43	-19.98	5 38	-9 25	10	5	0.006	1	5	73	DG 75
213.63	-12.34	6 6	-6 12	3	3	0.002	1	2	73	C 65
213.69	-12.65	6 5	-6 23	2	2	0.001	1	1	73	NGC 217
213.76	-12.40	6 6	-6 20	3	2	0.002	1	2	73	C 66
213.83	-11.89	6 8	-6 10	2	2	0.001	1	3	73	NGC 218
213.86	-11.90	6 8	-6 12	2	2	0.001	1	3	73	NGC 218
213.87	-12.18	6 7	-6 20	3	2	0.002	1	1	73	NGC 218
213.91	-12.48	6 6	-6 30	15	10	0.025	3	3	73	DG 92
213.92	-11.65	6 9	-6 8	2	2	0.001	1	3	73	C 71
214.05	-22.44	5 30	-11 0	80	20	0.458	3	5	73	
214.09	-20.83	5 36	-10 20	50	15	0.201	3	5	73	
214.35	-11.06	6 12	- 6 15	1	1	0.001	1	4	0	DG 97
214.49	-10.86	6 13	- 6 17	1	1	0.001	1	4	0	DG 98
214.81	-23.31	5 28	-12 0	60	30	0.208	3	5	73	
215.48	-22.78	5 31	-12 20	50	10	0.085	3	5	73	
215.65	-21.24	5 37	-11 50	30	15	0.102	3	5	73	
216.45	-14.81	6 2	-9 45	3	2	0.002	1	1	94	
216.85	-20.42	5 42	-12 30	35	25	0.229	3	5	73	
217.12	-21.07	5 40	-13 0	200	10	0.824	3	5	73	
217.73	-15.13	6 3	-11 0	240	120	6.458	4	6	94	
218.08	-0.35	6 57	-4 40	12	12	0.039	4	5	0	S 287
218.66	1.84	7 06	- 4 10	1	1	0.001	3	1	0	S 288
218.92	-4.42	6 44	-7 17	8	4	0.007	2	4	0	S 289
219.20	- 9.02	6 28	- 9 36	5	3	0.003	1	3	0	DG104
219.49	-17.81	5 56	-13 40	68	35	0.116	4	6	93	
219.50	-10.51	6 23	-10 32	5	3	0.003	1	4	0	
219.64	-13.58	6 12	-12 0	43	15	0.158	4	5	94	
219.96	-18.02	5 56	-14 10	3	2	0.002	1	4	93	
220.43	-2.69	6 53	-7 50	11	7	0.021	4	5	0	S 291
220.74	-1.73	6 57	-7 40	2	2	0.002	1	3	0	
220.84	-2.62	6 54	-8 10	22	15	0.070	2	3	0	DG113
221.85	-2.02	6 58	-8 47	3	3	0.003	1	2	0	DG114
222.15	0.61	7 8	-7 50	90	20	0.426	4	6	0	
222.45	-17.24	6 3	-16 0	140	90	2.972	3	5	0	
223.58	1.53	7 14	-8 40	140	10	0.310	4	5	0	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
223.68	-1.86	7 2	-10 20	20	20	0.081	3	1	95	IC 2177
223.87	1.37	7 14	-9 0	70	10	0.176	4	5	96	
223.87	2.78	7 19	-8 20	40	5	0.053	4	5	0	
224.19	-2.68	7 0	-11 10	20	10	0.042	2	4	95	S 293
224.22	3.43	7 22	-8 20	40	8	0.070	4	5	0	
224.24	1.18	7 14	-9 25	7	8	0.007	3	2	96	S 294
224.49	-1.74	7 4	-11 0	150	20	1.081	3	4	95	S 296
224.51	-0.63	7 8	-10 30	120	60	1.673	3	5	95	
224.52	-2.58	7 1	-11 25	15	10	0.035	2	4	95	S 295
225.20	0.67	7 14	-10 30	60	30	0.423	3	4	95	
225.27	-2.42	7 3	-12 0	150	20	0.556	3	2	95	DG116
225.39	-1.65	7 6	-11 45	15	15	0.042	2	4	95	
225.43	-2.50	7 3	-12 11	10	10	0.021	2	1	95	C 90
227.63	-0.08	7 16	-13 0	20	20	0.049	3	3	97	IC 468
227.66	-0.09	7 16	-13 2	10	5	0.011	3	2	97	NGC 2355
229.12	-4.41	7 3	-16 20	7	5	0.007	1	4	0	
231.33	- 4.51	7 7	-18 20	20	10	0.046	3	5	116	
231.48	- 4.33	7 8	-18 23	10	9	0.017	3	1	116	
231.52	-0.25	7 23	-16 30	8	4	0.003	4	6	0	
232.66	0.99	7 30	-16 54	20	20	0.067	3	3	0	S 302
233.76	-9.35	6 53	-22 40	60	5	0.116	3	4	0	S 303
233.83	-0.16	7 28	-18 29	3	3	0.002	4	2	0	S 305
233.98	-12.00	6 43	-24 0	180	30	0.954	3	5	0	S 304
234.32	-0.44	7 28	-19 3	30	30	0.067	4	5	0	S 306
234.57	-10.00	6 52	-23 40	20	4	0.025	3	5	0	S 308
234.57	0.78	7 33	-18 40	4	4	0.002	4	3	0	S 307
234.83	-0.18	7 30	-19 22	10	10	0.017	4	4	0	S 309
235.54	-4.03	7 17	-21 50	60	20	0.423	4	4	112	
235.62	-6.41	7 8	-23 0	150	20	0.820	4	6	0	
236.15	-7.96	7 3	-24 10	70	8	0.116	4	6	0	
236.79	-2.07	7 27	-22 0	33	5	0.049	4	4	0	
237.48	-4.79	7 18	-23 54	10	5	0.007	1	3	112	C 96
237.89	-4.23	7 21	-24 0	300	90	6.697	4	5	112	S 310
238.77	-3.67	7 25	-24 30	180	20	1.820	4	4	112	
238.85	-2.15	7 31	-23 50	20	8	0.032	4	4	0	
240.34	-2.20	7 34	-25 10	10	10	0.017	1	3	0	C 101
241.75	-5.53	7 24	-28 0	90	5	0.134	3	5	117	
242.53	-6.19	7 23	-29 0	180	40	2.011	4	6	117	
243.16	0.32	7 50	-26 20	8	7	0.007	3	1	107	NGC 2467
243.16	0.32	7 50	-26 20	10	10	0.018	3	2	107	
243.28	0.51	7 51	-26 20	50	30	0.183	3	3	107	S 311
243.39	-8.35	7 16	-30 45	110	15	0.356	4	5	0	
244.20	34.18	9 47	-7 0	45	20	0.190	1	6	0	
244.56	-7.02	7 24	-31 10	130	25	0.863	4	5	0	
245.79	11.73	8 38	-22 10	80	5	0.113	3	4	113	
247.26	-3.88	7 43	-32 0	120	20	0.574	4	5	0	
247.70	10.34	8 38	-24 30	50	8	0.085	3	4	113	
247.85	11.37	8 42	-24 0	70	10	0.130	3	4	113	
248.14	12.01	8 45	-23 50	60	10	0.169	3	4	113	
249.24	12.05	8 48	-24 40	70	10	0.190	3	4	113	
250.52	13.08	8 55	-25 0	840	90	16.200	3	5	113	S 312
251.76	12.97	8 58	-26 0	210	20	0.947	3	4	113	
252.17	9.77	8 48	-28 20	15	10	0.028	3	5	113	
252.46	10.39	8 51	-28 10	10	5	0.007	3	5	113	
252.47	10.67	8 52	-28 0	80	10	0.215	3	6	113	
254.74	12.54	9 5	-28 30	360	60	3.204	4	6	113	
255.10	13.69	9 10	-28 0	300	20	1.039	4	4	113	

TABLE 1 (CONTINUED)

L(11)	B(11)	RA (1950)	D	SIZE		AREA	C	B	ID	REF
256.28	11.22	9 5	-30 30	120	60	1.806	4	5	0	
256.99	15.92	9 23	-27 50	20	6	0.032	3	4	113	
257.98	12.32	9 14	-31 0	60	45	0.669	4	5	0	
258.24	14.76	9 23	-29 30	75	30	0.560	4	6	0	
260.13	14.47	9 28	-31 0	180	20	1.056	4	5	0	
263.21	19.90	9 55	-29 0	150	25	0.870	4	5	0	
265.94	18.15	9 59	-32 0	140	30	1.581	4	5	0	
337.39	22.98	15 16	-29 40	90	75	1.511	3	6	0	
346.30	21.22	15 50	-25 50	130	30	1.102	1	5	110	DG125
346.83	20.76	15 53	-25 50	90	10	0.317	1	4	110	S 1
347.16	19.78	15 57	-26 20	50	15	0.229	1	4	110	DG130
347.78	20.39	15 57	-25 30	60	60	0.620	1	4	110	
348.08	16.86	16 09	-27 48	12	10	0.025	1	6	0	IC4591
348.14	23.05	15 50	-23 20	70	20	0.215	4	5	111	
348.63	22.86	15 52	-23 10	40	10	0.099	4	5	111	
349.82	22.02	15 58	-23 0	130	100	2.243	3	4	111	S 7
350.49	13.89	16 26	-28 10	30	10	0.085	4	4	114	
351.12	17.17	16 17	-25 30	17	3	0.014	4	2	115	S 9
351.15	14.17	16 27	-27 30	80	10	0.296	4	4	114	
351.22	13.34	16 30	-28 0	240	180	8.270	4	5	114	
351.28	17.00	16 18	-25 30	60	50	0.475	1	3	115	C130
351.37	17.40	16 17	-25 10	12	4	0.010	4	2	115	
351.54	17.23	16 18	-25 10	20	4	0.018	4	2	115	
351.76	15.00	16 26	-26 30	60	40	0.546	3	1	114	IC 460
351.88	15.11	16 26	-26 20	180	120	3.845	3	4	114	DG141
352.98	16.95	16 23	-24 20	20	5	0.035	1	2	114	IC 460
353.24	15.66	16 28	-25 0	30	15	0.049	1	3	114	IC 460
353.76	17.61	16 23	-23 20	60	25	0.391	1	3	114	IC 460
353.76	17.61	16 23	-23 20	70	70	0.535	1	4	114	
354.91	22.65	16 10	-19 10	60	40	0.475	1	3	104	IC 459
355.25	22.30	16 12	-19 10	220	90	4.158	2	4	104	
355.59	20.69	16 18	-20 0	20	10	0.039	1	3	104	C 129
355.83	0.51	17 30	-32 10	150	90	2.158	3	4	109	S 12
356.03	-0.11	17 33	-32 20	80	30	0.458	3	3	109	
356.33	13.12	16 45	-24 20	300	30	2.560	3	6	114	
356.82	20.13	16 23	-19 30	150	60	2.158	4	5	104	
358.35	-1.92	17 46	-31 20	23	20	0.088	4	4	108	
358.46	-2.10	17 47	-31 20	45	35	0.292	4	6	108	S 15
359.24	36.59	15 38	-7 0	60	30	0.359	3	4	0	
359.39	18.77	16 34	-18 30	210	150	7.704	4	6	104	
359.72	-0.32	17 43	-29 20	12	12	0.032	4	3	0	S 16
359.94	-0.44	17 44	-29 12	2	2	0.001	4	5	0	S 18

Column	Content
1.....	Galactic longitude, l^{II}, (1950)
2.....	Galactic latitude, b^{II}, (1950)
3.....	Right ascension (1950), in degrees and minutes of time
4.....	Declination (1950), in degrees and minutes of arc
5.....	Largest dimension of nebula in minutes of arc as measured on the photograph on which the nebula appeared its brightest
6.....	Smallest dimension of nebula in minutes of arc as measured on the photograph on which the nebula appeared its brightest
7.....	Area of nebulosity in square degrees
8.....	Color on the scale: "1" = brightest on blue Palomar plate; "2" = about equal on both red and blue Palomar plates; "3" = brighter on red Palomar plate; "4" = visible only on red Palomar plate
9.....	Brightness scale with units 1 = brightest to 6 = barely detectable
10.....	Identification number
11.....	Number of nebulosity if it is catalogued in: NGC (*New General Catalogue*); IC (*Index Catalogue*); S (*Catalogue of H II Regions;* Sharpless 1959); C (*Catalogue of Diffuse Galactic Nebulae;* Cederblad 1956); DG (Dorschner and Gürtler 1963)

TABLE 2

$\lvert b \rvert$	Total Area (sq. deg.)	Area Covered by Color 1	Area Covered by Color 2	Area Covered by Colors 3 and 4
0– 1.....	84.34	0.56	0.05	83.73
1– 2.....	43.74	0.61	1.26	41.87
2– 3.....	51.12	0.12	0.17	50.83
3– 4.....	65.85	0.06	.....	65.79
4– 5.....	25.03	0.02	0.32	24.69
5–10.....	65.95	5.85	7.70	52.40
10–15.....	133.2	15.14	8.36	109.7
15–20.....	199.7	2.71	13.15	183.8
20–30.....	171.7	28.63	23.00	120.1
30–40.....	82.86	10.89	24.85	47.12
40–90.....	7.57	1.14	5.72	0.71
Total...	931	65.73	84.58	780.7

low surface brightness and are of almost uniform brightness across the nebulosity. Figure 2 illustrates one of these regions. This nebulosity at $l^{II} = 131°$ lies 46° below the galactic plane. The blue star in the lower right is HD 7374 whose HD spectral class is given as B8.

There are many nebulosities having the same anomalous appearance on the Palomar prints. As their surface brightness decreases, their identity is lost, and a casual glance gives the impression that these objects may be produced in the developing and printing processes. For this reason, some of the reject plates of the 48-inch collection were examined, and six of these extended areas were confirmed in this manner. The author is convinced that with a faster camera, of about the same scale, many more such nebulosities would be detected—objects of very low but relatively uniform surface brightness emitting, or reflecting, light of such a nature as to appear of about the same surface brightness in the red (103*a*-E) and blue (103*a*-O) photographs of the area. The limit of surface brightness of the nebulae included in this catalogue is approximately 24 mag/sq sec of arc.

The nebulosities illustrated in Figure 2 cause very little variation in the star counts in

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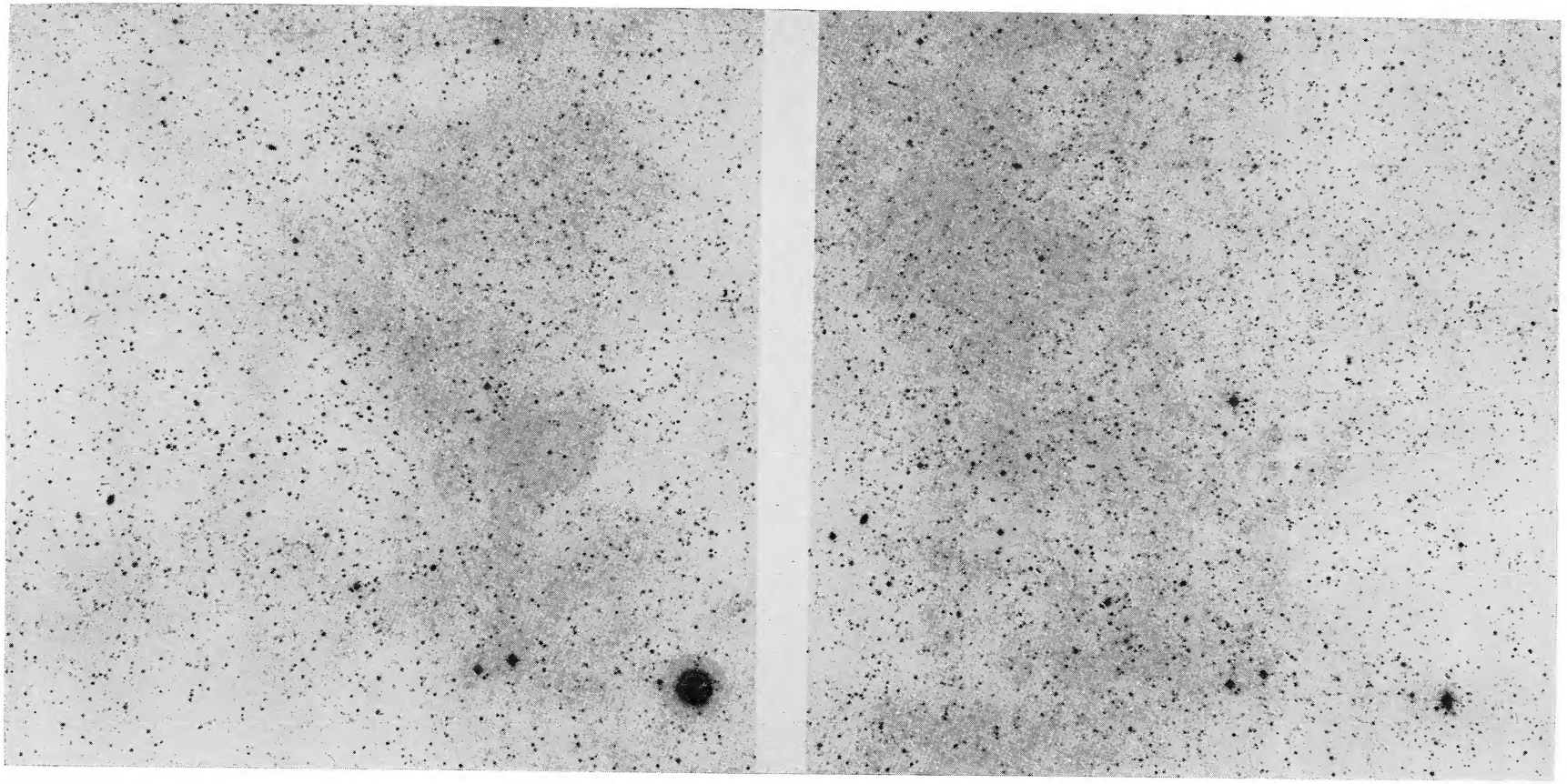
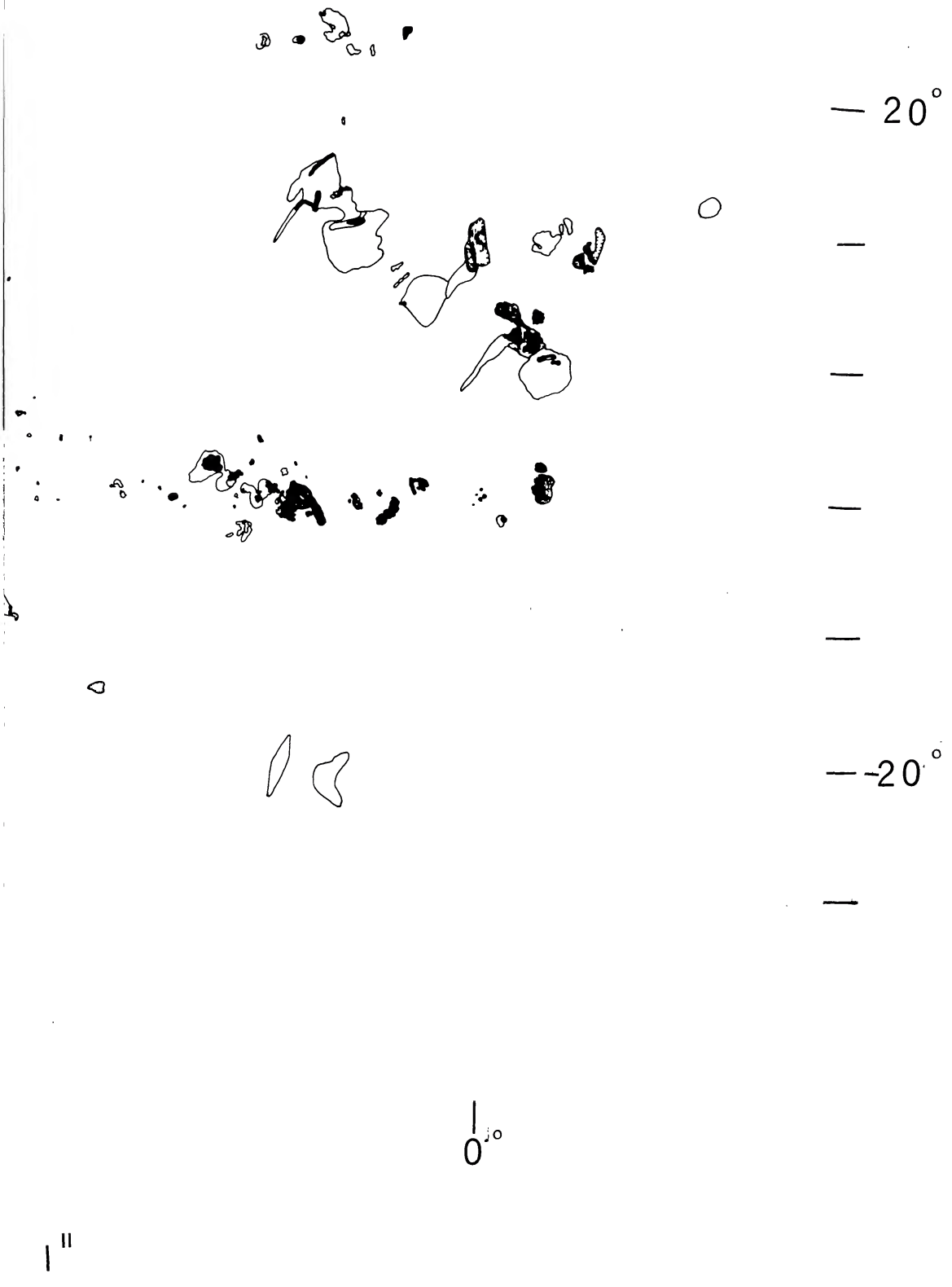
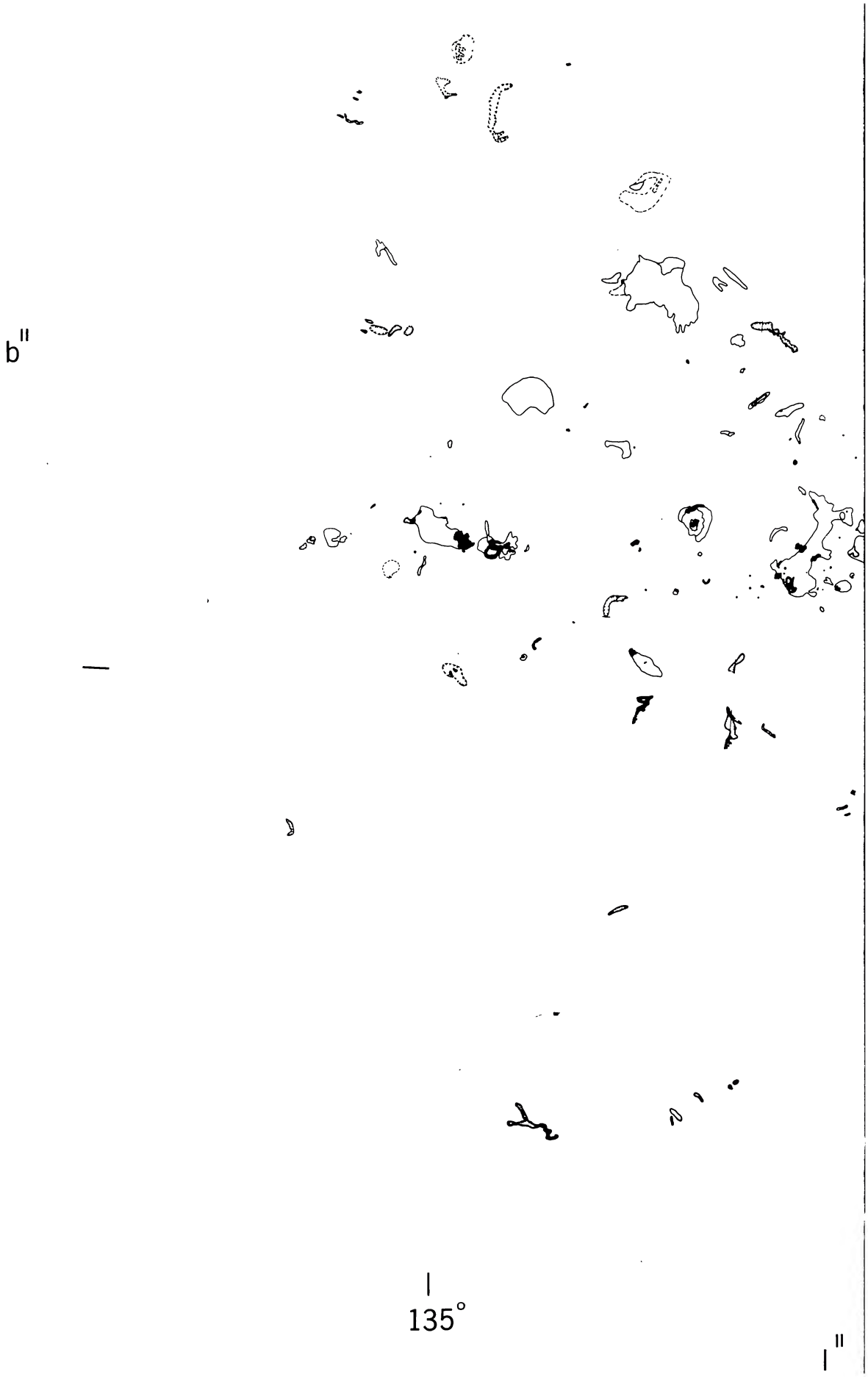


FIG. 2.—A high-latitude nebula, reproduced from the Palomar 48-inch print No. 1251 red (*right*) and blue (*left*). (© National Geographic Society–Palomar Observatory Sky Survey.)



bright nebulae



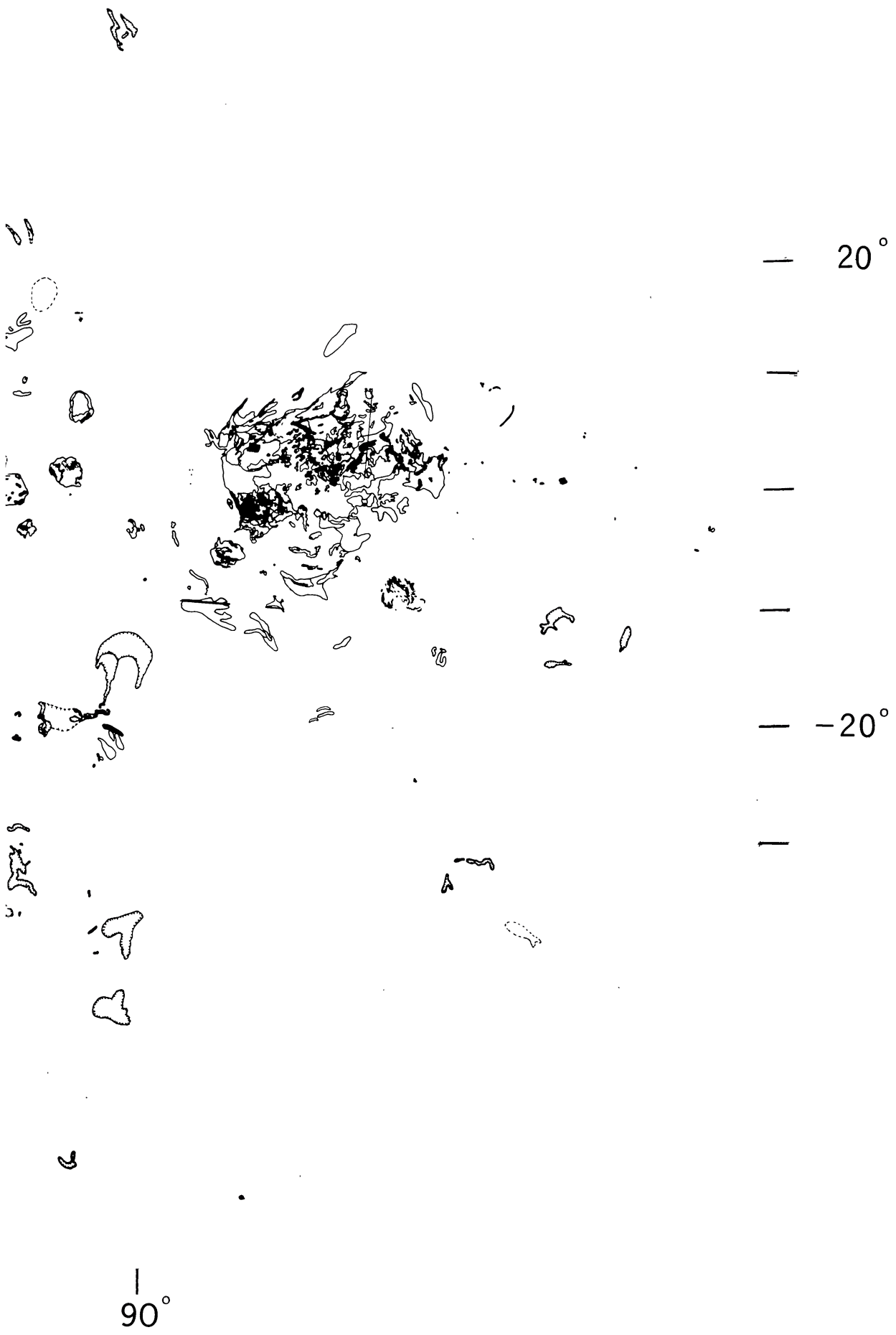
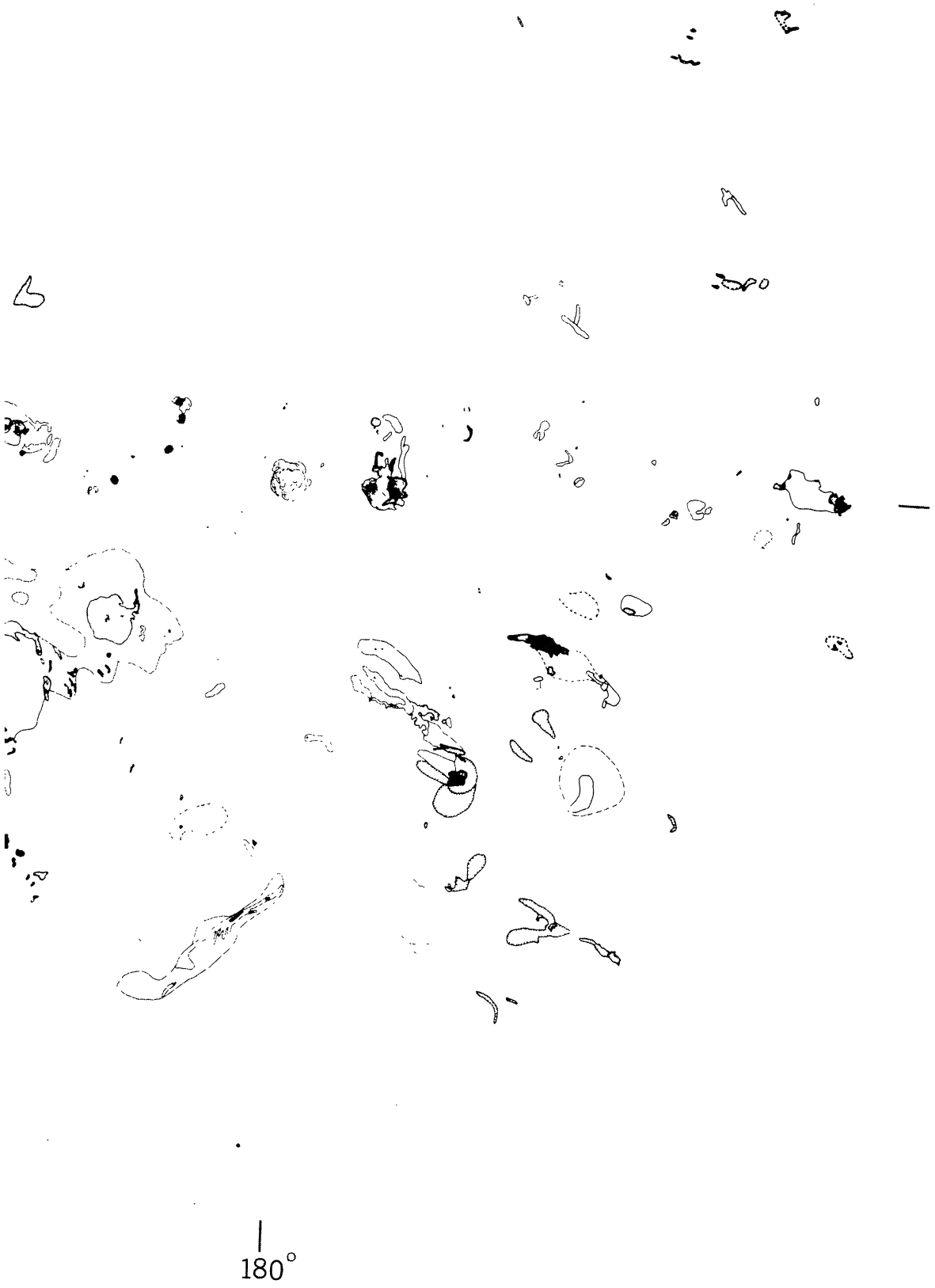


FIG. 1



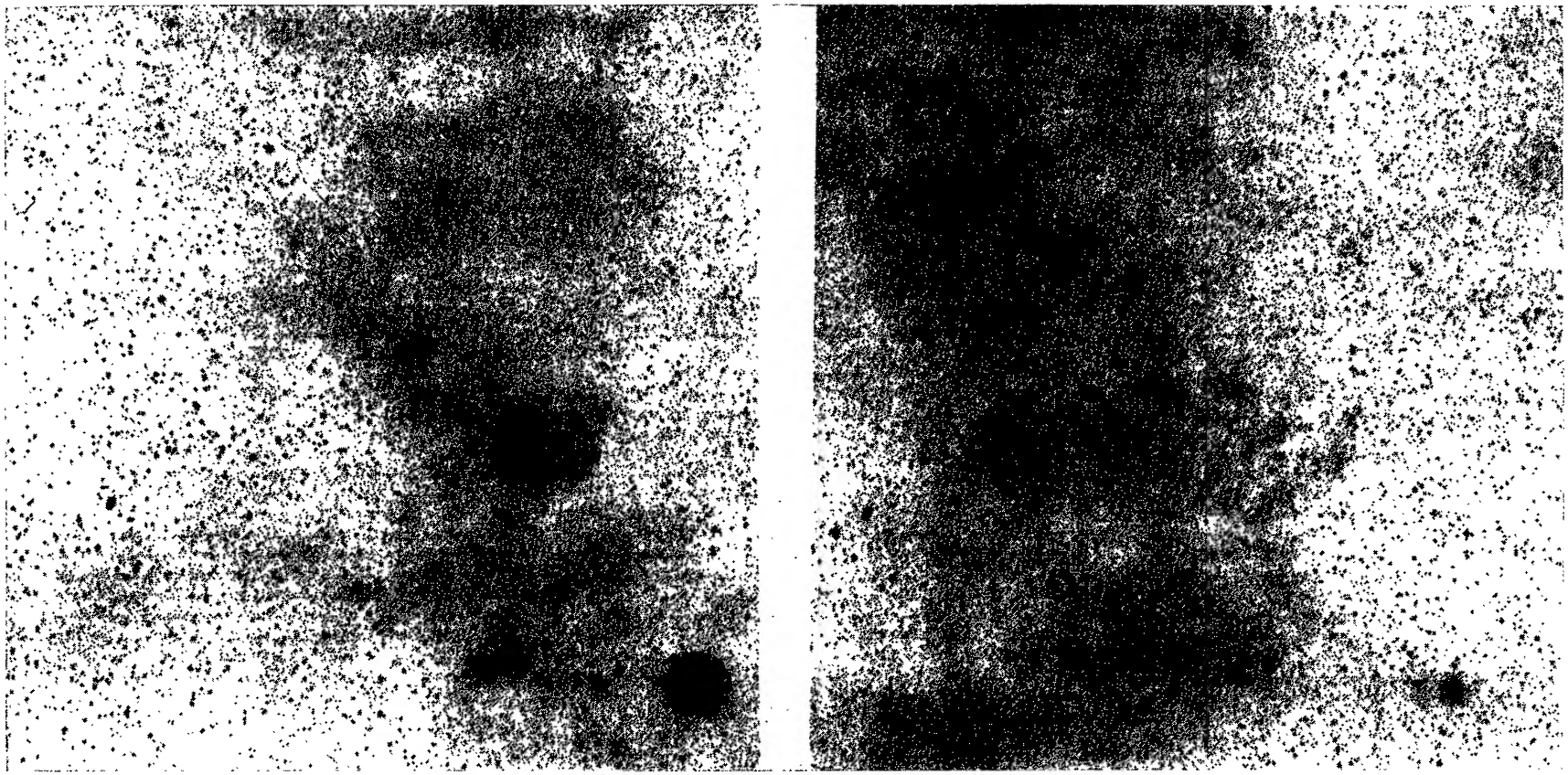


FIG. 2.—A high-latitude nebula, reproduced from the Palomar 48-inch print No. 1251 red (*right*) and blue (*left*). (© National Geographic Society–Palomar Observatory Sky Survey.)

the region. There are instances, however, where a nebulosity appears as a dark obscuring cloud on the blue plate and as a bright object on the red—one example is the dark nebulosity at $\alpha = 15^h37^m$, $\delta = -7°$ ($l^{II} = 4°$, $b^{II} = +36°$). Here again, the surface brightness is essentially uniform across the nebula (Lynds 1965). One can occasionally find other dark nebulae which seem to have bright rims of the same character as the uniform illumination of this object.

Table 2 lists the total areas in square degrees covered by nebulosities at various distances from the galactic plane. The red nebulae are more strongly confined to low galactic latitudes. The influence of the extensive low surface-brightness features which are frequently found at large distances from the plane causes the nebulosity of color classes 1 and 2 to dominate in latitudes greater than 30°.

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