

The Van den Berg catalog of reflection nebula

An illustrated guide of 158 reflection nebula in the Milky
Way

Composed by Dimitris Manousos, July 2010



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Images

All the DSS Images are blue and red plates, POSS II measured 30' by 30' (http://archive.stsci.edu/cgi-bin/dss_plate_finder). Some small closeups are 5' by 5'.

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The Digitized Sky Survey was produced at the Space Telescope Science Institute under U.S. Government grant NAG W-2166. The images of these surveys are based on photographic data obtained using the Oschin Schmidt Telescope on Palomar Mountain and the UK Schmidt Telescope. The plates were processed into the present compressed digital form with the permission of these institutions.

Nebula Data

The Van den Berg catalog was expotred from the Vizier Catalogue Service (<http://vizier.u-strasbg.fr/>).

Introduction

This catalog contains 158 reflection nebulae from the van den Bergh Reflection Nebulae Catalog. The catalog was originally published in 1966 by Sidney van den Bergh. According to van den Bergh it contains information for "all BD and CD stars north of -33 deg which are surrounded by reflection nebulosity visible on both the blue and red prints of the Palomar Sky Survey.

The objects are sorted by VdB number and Right Ascension started from 00h to 23.

Vmag: Is the visual magnitude of the star

Types

P = Peculiar

I = Nebula in which the illuminating star is embedded in the nebulosity

II = Star located outside the illuminated nebulosity

Surface Brightness

VBR = very bright

BR = bright

M = moderate

F = faint

VF = very faint

Absorption

STR = strong

MOD = moderate

WK = weak

ABS = absent

List of Objects

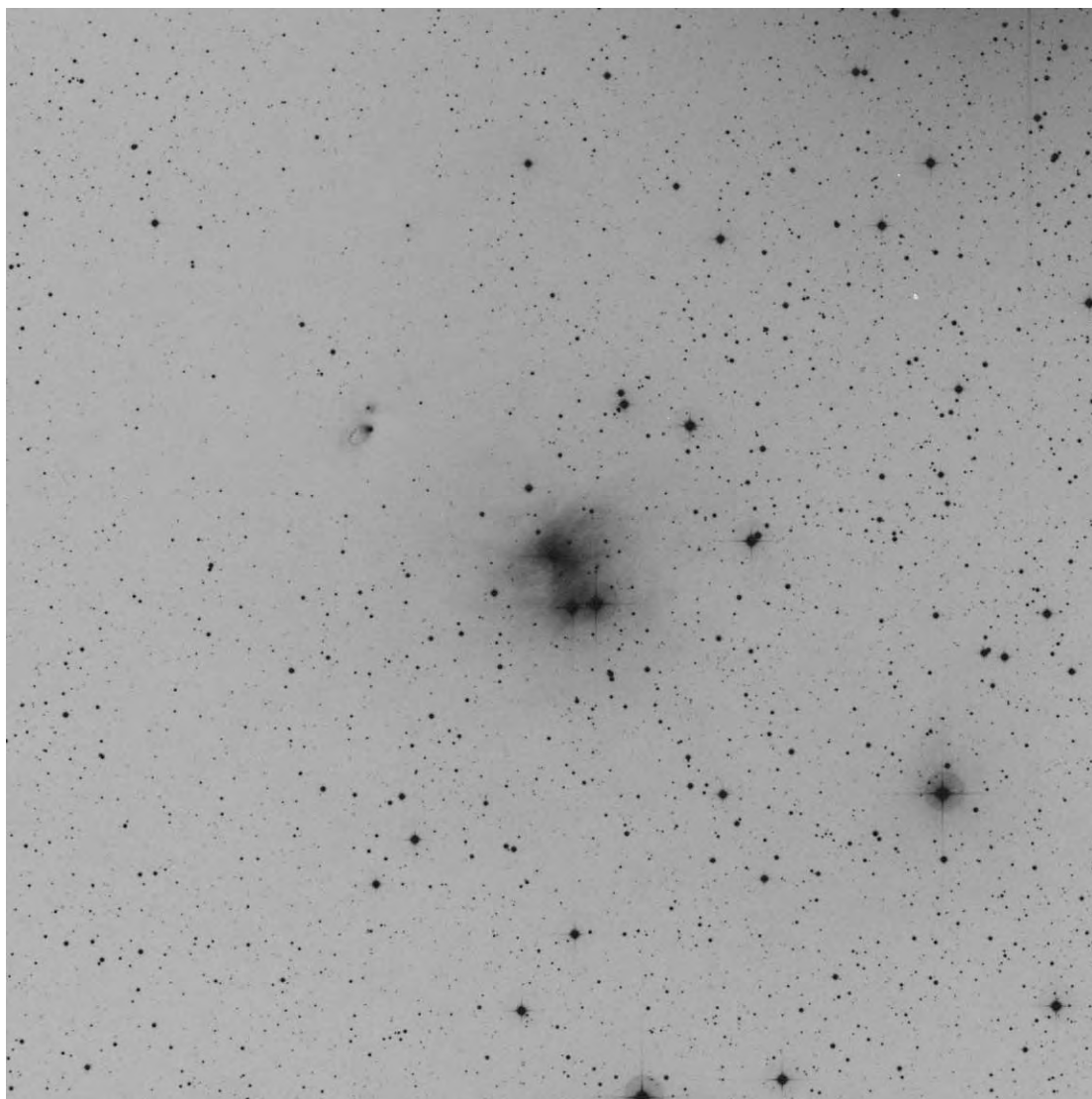
VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
1	Cas	00 10 46.4	+58 46 10	8.60	I	BR	MOD
2	Cas	00 13 24.2	+65 36 48	9.50	I	M	STR
3	Cas	00 34 37.4	+69 26 05	8.50	I	M	WK
4	Cas	00 43 18.3	+61 54 40	9.50	I - II	F	MOD
5	Cas	00 56 42.5	+60 43 00	2.57	II	M	WK
6	Cas	01 43 43.4	+61 50 04	9.20	II	F	WK
7	Cas	02 48 55.5	+69 38 03	6.50	II	F	MOD
8	Cas	02 51 32.8	+67 48 54	8.50	I	VBR	MOD
9	Cas	02 51 58.8	+68 53 19	5.96	II	F	MOD
10	Per	03 15 48.0	+57 08 26	6.00	I	F	WK
11	Cam	03 24 14.2	+61 32 19	8.37	II	M	STR
12	Per	03 25 23.9	+31 43 52	7.00	I	M	WK
13	Ari	03 25 50.1	+30 55 54	8.80	I	F	MOD
14	Cam	03 29 04.1	+59 56 25	4.23	II	M	MOD
15	Cam	03 29 54.7	+58 52 43	4.58	II	M	STR
16	Ari	03 28 20.9	+29 47 57	9.10	II	M	MOD
17	Per	03 29 19.8	+31 24 57	9.50	I	BR	STR
18	Per	03 35 11.9	+38 00 55	7.58	II	F	WK
19	Per	03 44 34.2	+32 09 46	8.53	I	BR	STR
20	Tau	03 44 52.5	+24 06 48	3.71	I	M	WK
21	Tau	03 45 49.6	+24 22 04	3.88	I	BR	WK
22	Tau	03 46 19.6	+23 56 54	4.18	I	VBR	WK
23	Tau	03 47 29.1	+24 06 18	2.87	I	M	WK
24	Per	03 49 36.3	+38 58 55	8.80	II	M	STR
25	Tau	04 12 25.0	+23 34 28	7.50	II	F	WK
26	Tau	04 13 34.6	+10 12 45	7.20	I	M	ABS
27	Tau	04 21 57.4	+28 26 36	9.10	I	F	STR
28	Tau	04 21 59.4	+19 32 06	9.40	II P	F	STR
29	Tau	04 48 22.7	+29 46 23	6.50	II	M	MOD
30	Cam	04 54 03.0	+66 20 34	4.30	II	VF	ABS
31	Aur	04 55 45.8	+30 33 04	6.80	I	M	STR
32	Aur	05 02 21.7	+44 16 10	9.12	I - II	F	WK
33	Ori	05 06 51.1	-03 20 00	10.12	I	BR	STR
34	Aur	05 16 18.1	+34 18 44	5.80	I	BR	WK
35	Ori	05 14 59.4	+13 00 51	8.70	I	M	WK
36	Ori	05 14 32.3	-08 12 06	0.15	II	M	ABS
37	Ori	05 18 04.1	+13 25 04	8.20	I	BR	WK
38	Ori	05 21 43.6	+08 25 43	5.77	II	M	MOD
39	Aur	05 24 29.5	+32 49 09	9.50	II	F	MOD
40	Ori	05 25 38.1	+06 35 17	9.00	I	M	WK
41	Tau	05 29 10.9	+23 41 40	9.30	I	VF	MOD
42	Ori	05 31 18.4	-05 42 14	9.46	II	F	MOD
43	Ori	05 32 07.4	+06 02 49	9.00	I	BR	WK

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
44	Ori	05 32 14.8	-04 31 06	8.11	II	F	STR
45	Aur	05 36 40.8	+31 51 16	9.50	I	BR	WK
46	Ori	05 36 25.4	-06 42 58	9.30	I	VBR	MOD
47	Tau	05 39 14.8	+23 19 24	7.80	II	VF	MOD
48	Ori	05 38 06.5	-00 11 03	7.46	II	F	WK
49	Ori	05 39 11.1	+04 07 17	4.50	I	B	MOD
50	Ori	05 40 13.5	-01 27 45	7.67	I	B	MOD
51	Ori	05 40 56.4	-01 30 26	6.98	I	VBR	VSTR
52	Ori	05 41 38.4	-02 15 32	7.82	I	VBR	STR
53	Ori	05 41 25.9	-10 18 42	9.50	I	VF	MOD
54	Ori	05 41 48.0	-06 15 00	9.50	I	BR	STR
55	Ori	05 42 21.3	-08 08 00	8.70	I	F	MOD
56	Tau	05 43 43.4	+16 21 31	9.00	I	BR	WK
57	Ori	05 43 00.6	-02 18 45	8.30	I	VBR	MOD
58	Ori	05 44 26.8	-08 42 38	9.50	I	VF	MOD
59	Ori	05 46 43.4	+00 04 36	10.49	I	VBR	STR
60	Ori	05 47 07.9	+00 17 56	9.50	I	BR	STR
61	Ori	05 52 37.1	+05 09 53	8.60	II	VF	MOD
62	Ori	05 54 03.0	+01 40 22	9.50	I	M	STR
63	Ori	05 56 17.5	+01 51 53	9.20	I	F	WK
64	Lep	05 57 54.0	-14 04 00	10.00	I	M	MOD
65	Aur	06 04 30.0	+30 31 00	9.50	I	BR	MOD
66	Mon	06 03 05.4	-09 43 00	9.30	I	MF	STR
67	Mon	06 07 31.8	-06 23 58	9.50	I	VB	MOD
68	Mon	06 08 03.8	-06 13 38	9.00	I	M	WK
69	Mon	06 08 05.2	-06 21 41	9.00	I	M	STR
70	Mon	06 08 26.3	-05 20 22	8.50	I-II	F	WK
71	Ori	06 10 01.7	+14 04 31	9.00	II	F	MOD
72	Mon	06 09 31.3	-06 19 33	9.00	I	VBR	MOD
73	Mon	06 11 06.1	-06 12 38		I	BR	MOD
74	Mon	06 11 48.8	-06 09 28	9.70	I	BR	MOD
75	Gem	06 19 22.5	+23 16 28	7.50	I	M	MOD
76	Mon	06 12 13.8	+13 41 12	9.30	II	M	MOD
77	Mon	06 30 57.9	+09 48 35	9.50	I-II	M	MOD
78	Mon	06 31 14.9	+09 47 25	8.80	I-II	BR	MOD
79	Mon	06 31 43.3	+10 20 21	9.40	II	F	MOD
80	Mon	06 30 49.8	-09 39 15	8.60	I	M	MOD
81	Mon	06 32 54.2	+07 19 59	4.48	I	M	WK
82	Mon	06 33 05.2	+10 19 20	8.74	I	BR	MOD
83	CMa	06 39 42.0	-27 15 00	9.50	I	BR	WK
84	CMa	03 49 13.5	-26 57 36		I	M	WK
85	Mon	06 46 51.6	+01 18 57	9.30	I-II	M	MOD
86	Mon	06 57 07.9	-10 16 47	8.20	II	M	WK
87	Mon	07 00 28.6	-08 51 58	8.80	I	BR	WK
88	CMa	07 01 49.5	-11 18 03	7.20	I	F	WK
89	CMa	07 02 36.0	-12 14 00	9.50	I	VF	WK
90	CMa	07 02 42.6	-11 27 12	8.70	I	F	MOD

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
91	Mon	07 03 24.6	-10 42 16	9.40	II	F	MOD
92	CMa	07 03 54.9	-11 34 34	9.20	I	VF	MOD
93	Mon	07 04 25.5	-10 27 16	6.97	I	VBR	STR
94	CMa	07 05 16.7	-12 19 34	8.50	I	VBR	VAR
95	CMa	07 06 40.8	-11 17 38	5.38	II	F	MOD
96	CMa	07 19 37.5	-24 01 28	9.20	I	M	MOD
97	Mon	07 32 30.0	-16 54 00	9.90	I - II	M	MOD
98	Pup	07 36 31.8	-25 19 58	7.30	I	M	WK
99	Sco	15 58 51.1	-26 06 51	2.89	II	M	WK
100	Sco	16 11 59.7	-19 27 39	4.03	II	M	WK
101	Sco	16 19 07.7	-20 13 05	6.37	I	F	WK
102	Sco	16 20 04.0	-20 02 42	8.08	I	BR	MOD
103	Sco	16 20 30.3	-20 07 04	7.30	I	M	MOD
104	Sco	16 21 11.3	-25 35 34	2.89	I	M	MOD
105	Sco	16 25 24.3	-24 27 57	7.89	I	M	VSTR
106	Sco	16 25 35.1	-23 26 50	4.61	I	BR	MOD
107	Sco	16 29 24.5	-26 25 55	0.92	I	M	WK
108	Sco	16 30 12.5	-25 06 55	4.78	I	M	MOD
109	Oph	16 41 34.4	-17 44 32	5.30	II	VF	WK
110	Sgr	17 16 06.5	-21 01 58	9.40	I	M	STR
111	Oph	17 18 52.8	+06 05 08	6.49	II	M	ABS
112	Oph	17 53 31.3	-05 37 10	9.60	II	F	WK
113	Sgr	18 08 38.6	-21 26 58	6.80	II	F	WK
114	Sgr	18 08 30.0	-18 23 00	9.10	I	F	MOD
115	Sgr	18 09 08.3	-23 26 07	9.30	I	BR	STR
116	Sgr	18 10 38.8	-17 44 02	9.50	I	F	MOD
117	Sgr	18 14 38.0	-17 21 47	9.10	I	M	MOD
118	Sgr	18 16 52.5	-19 46 40	9.40	I	BR	STR
119	Sgr	18 17 05.8	-19 51 53	9.40	I	VBR	STR
120	Sgr	18 17 16.8	-16 55 43	8.80	I	M	MOD
121	Sgr	18 20 15.9	-17 00 15	9.43	I - II	F	MOD
122	Sct	18 24 33.5	-13 39 13	9.30	I	M	STR
123	Ser	18 30 24.9	+01 13 24	9.10	I	M	STR
124	Sct	18 31 25.7	-10 47 45	5.50	I	BR	STR
125	Aql	19 26 00.9	+15 33 25	8.00	I	VF	MOD
126	Sgr	19 26 11.3	+22 45 26	8.30	I	BR	STR
127	Sgr	19 47 23.3	+18 32 03	3.82	II P	F	WK
128	Cyg	20 04 36.2	+32 13 07	5.63	I	M	MOD
129	Aql	20 11 18.3	-00 49 17	3.24	II	F	ABS
130	Cyg	20 17 42.0	+39 21 00	9.50	I	BR	STR :
131	Cyg	20 24 15.7	+42 18 01	9.10	I	BR	STR
132	Cyg	20 24 46.6	+42 23 05	8.70	I	BR	STR
133	Cyg	20 30 59.2	+36 56 09	6.19	I	BR	STR
134	Cyg	20 30 03.5	+48 57 06	4.95	I - II	F	MOD
135	Cyg	20 36 45.6	+32 27 17	8.60	II	F	WK
136	Cyg	20 38 17.2	+42 04 25	7.80	II	VF	VSTR
137	Cyg	20 55 49.8	+47 25 04	5.69	II	VBR	MOD

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
138	Cyg	20 57 16.6	+48 17 45	8.28	I	F	MOD
139	Cep	21 01 36.9	+68 09 48	6.80	I	VBR	ATR
140	Cep	21 17 18.8	+58 36 41	6.41	I-II	M	MOD
141	Cep	21 16 26.3	+68 15 37	9.40	I	F	WK
142	Cep	21 36 41.0	+57 30 08	8.80	I	M	VSTR
143	Cep	21 36 57.1	+68 11 07	8.30	I	BR	MOD
144	Cyg	21 40 43.3	+54 52 20	6.00	I	VF	STR
145	Cyg	21 43 37.2	+48 53 02	7.40	I	M :	MOD
146	Cep	21 42 48.0	+66 07 00	9.40	I	BR	STR
147	Cyg	21 52 34.1	+47 13 44	9.50	I	M	STR
148	Cep	22 07 17.0	+56 14 02	8.70	II	F	MOD
149	Cep	22 09 08.5	+72 53 05	9.10	I	M	MOD
150	Cep	22 09 40.1	+73 23 27	8.40	I	M	STR
151	Lac	22 13 52.7	+39 42 54	4.49	II :	F	ABS
152	Cep	22 13 24.5	+70 15 05	8.80	I	VB	VSTR
153	Cep	22 23 12.3	+62 42 00	9.40	I	M	STR
154	Cep	22 31 13.6	+65 27 58	8.90	II	F	MOD
155	Cep	22 53 15.6	+62 08 45	9.29	I	M	STR
156	And	23 01 55.3	+42 19 34	3.62	II	F	WK
157	Cep	23 02 15.7	+72 43 49	7.80	P	F	WK
158	And	23 37 51.6	+48 29 48	9.00	I	M	WK

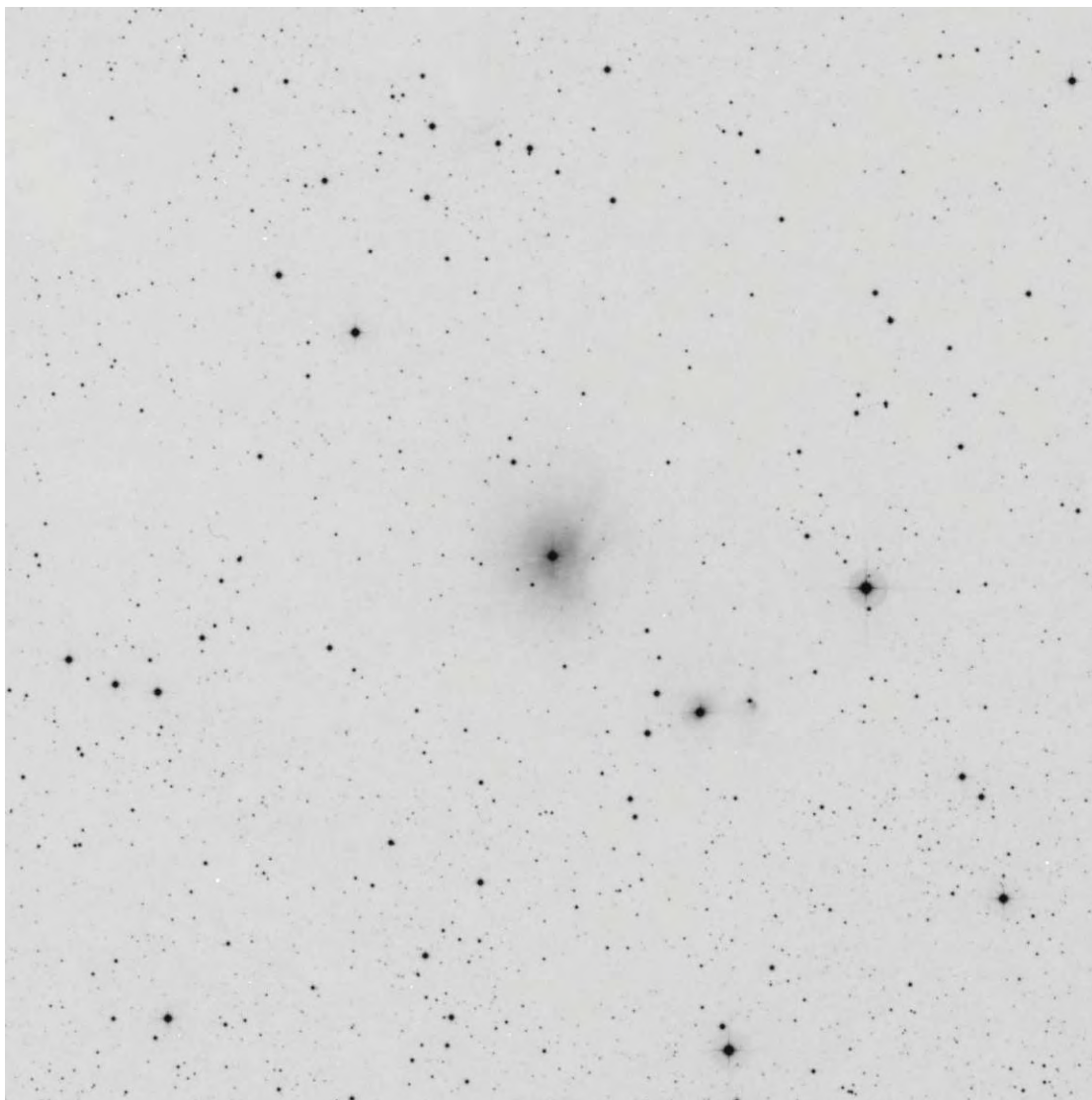
VdB-1 in Cassiopeia



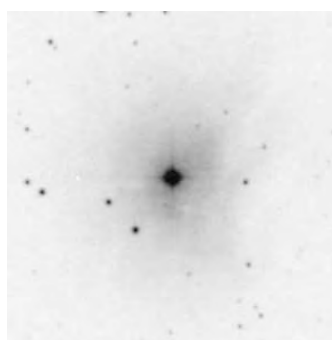
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
1	Cas	00	10	46.4	+58	46	10	8.60	I	BR	MOD

VdB-2 in Cassiopeia



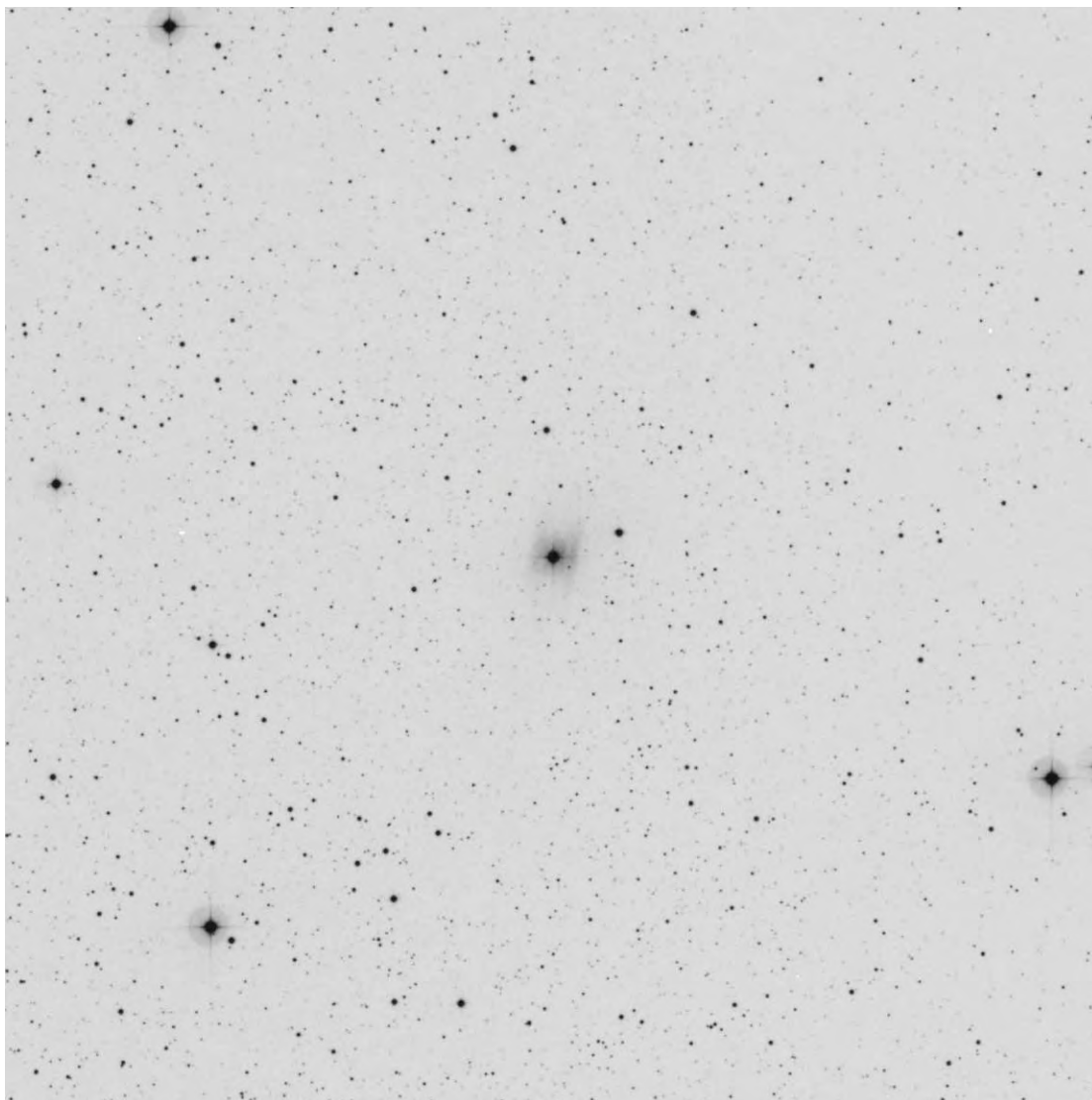
30'X30'



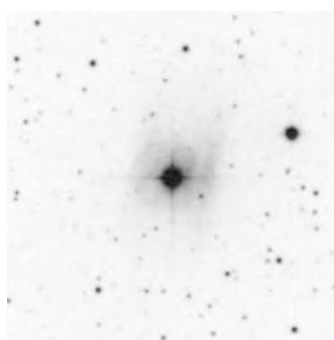
5'X5'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
2	Cas	00	13	24.2	+65	36	48	9.50	I	M	STR

VdB-3 in Cassiopeia

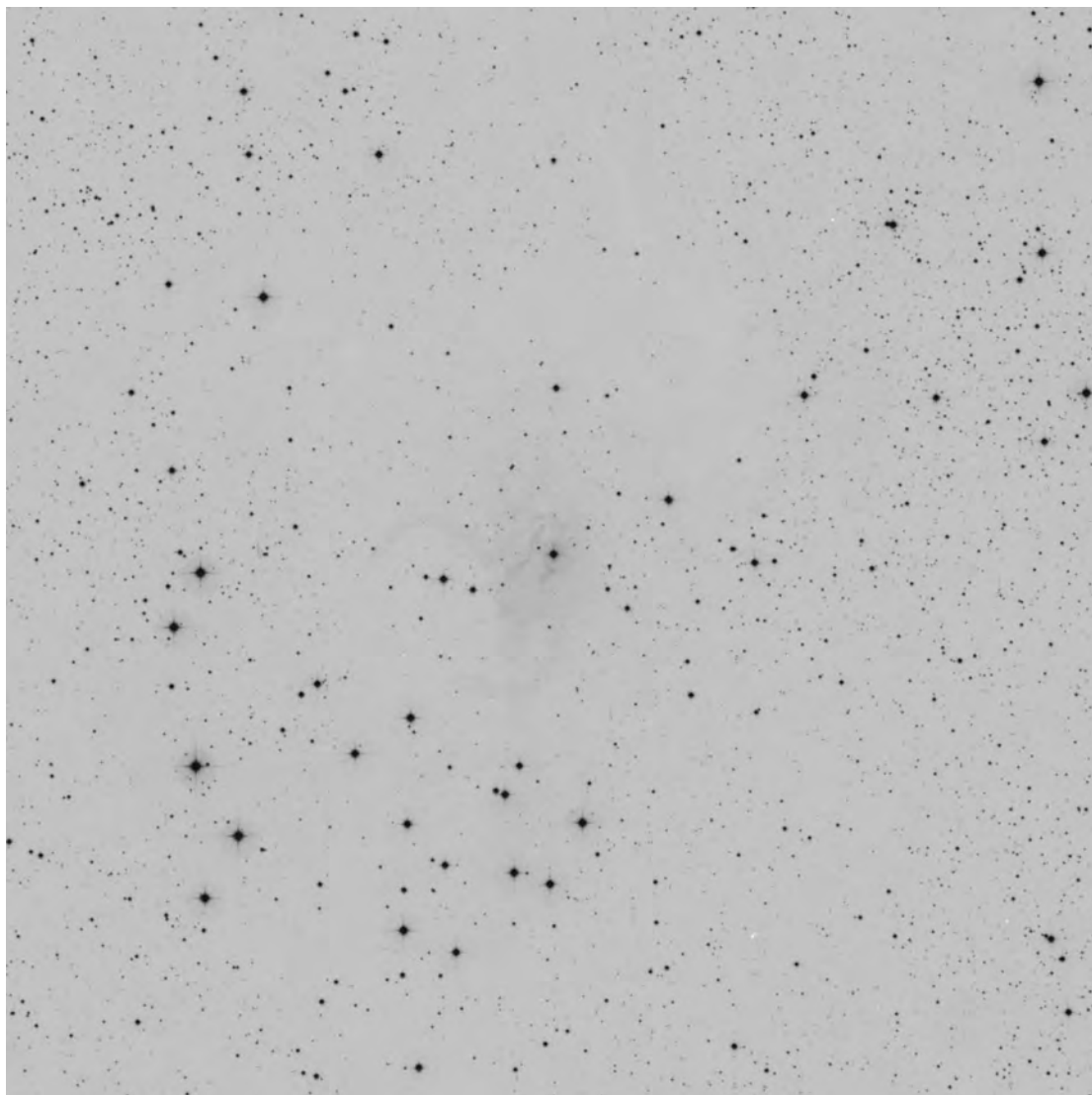


30'X30'

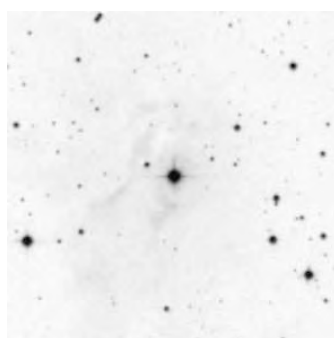


VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
3	Cas	00	34 37.4	+69	26 05	8.50	I	M	WK

VdB-4 in Cassiopeia

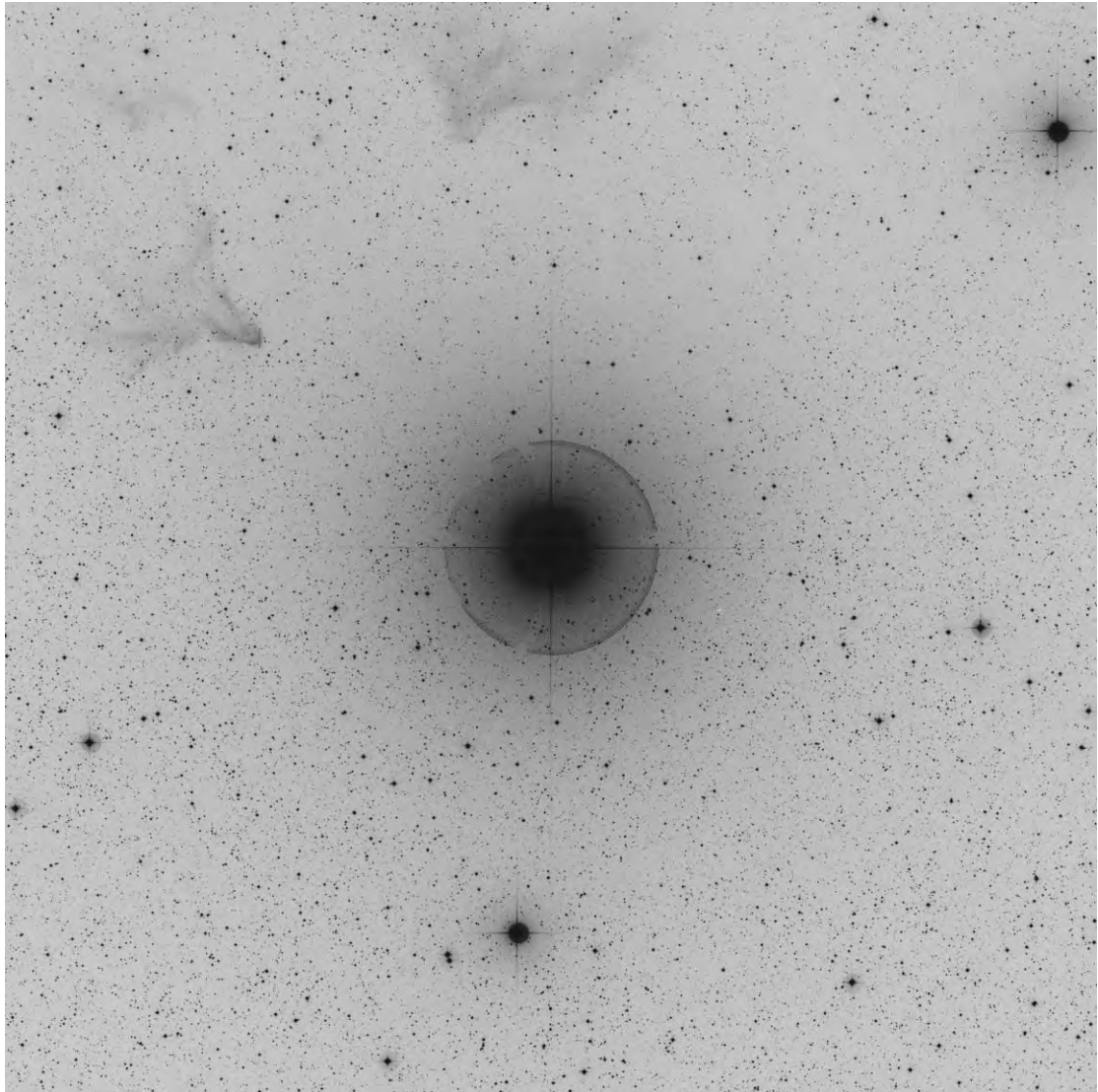


30'X30'



VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
4	Cas	00	43	18.3	+61	54	40	9.50	I-II	F	MOD

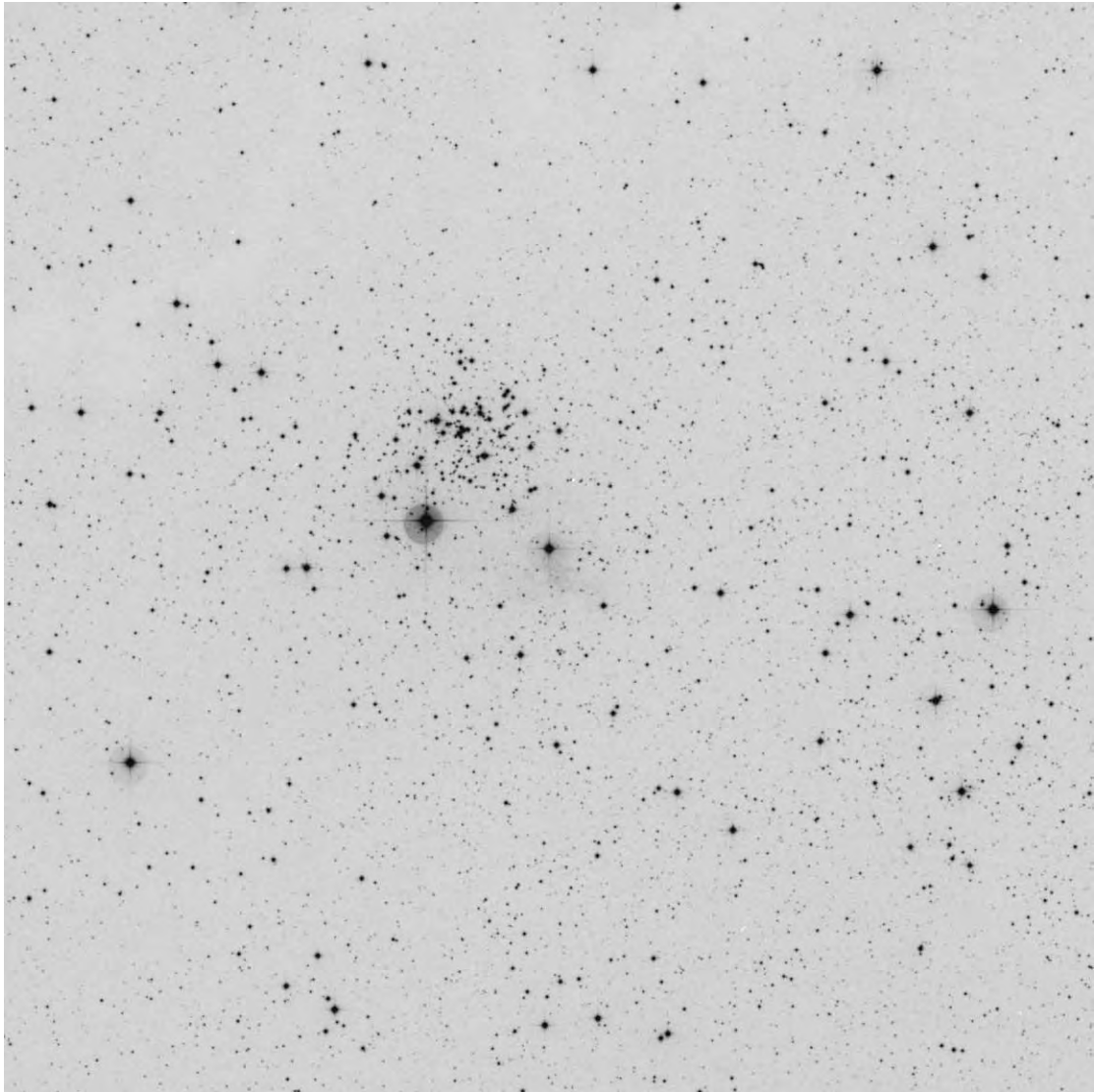
VdB-5 in Cassiopeia



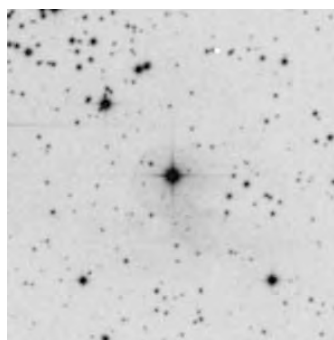
60X60'

VdB	Con	RA			Dec		Vmag	Type	SurfBr	Absorb
5	Cas	00	56	42.5	+60	43 00	2.57	II	M	WK

VdB-6 in Cassiopeia

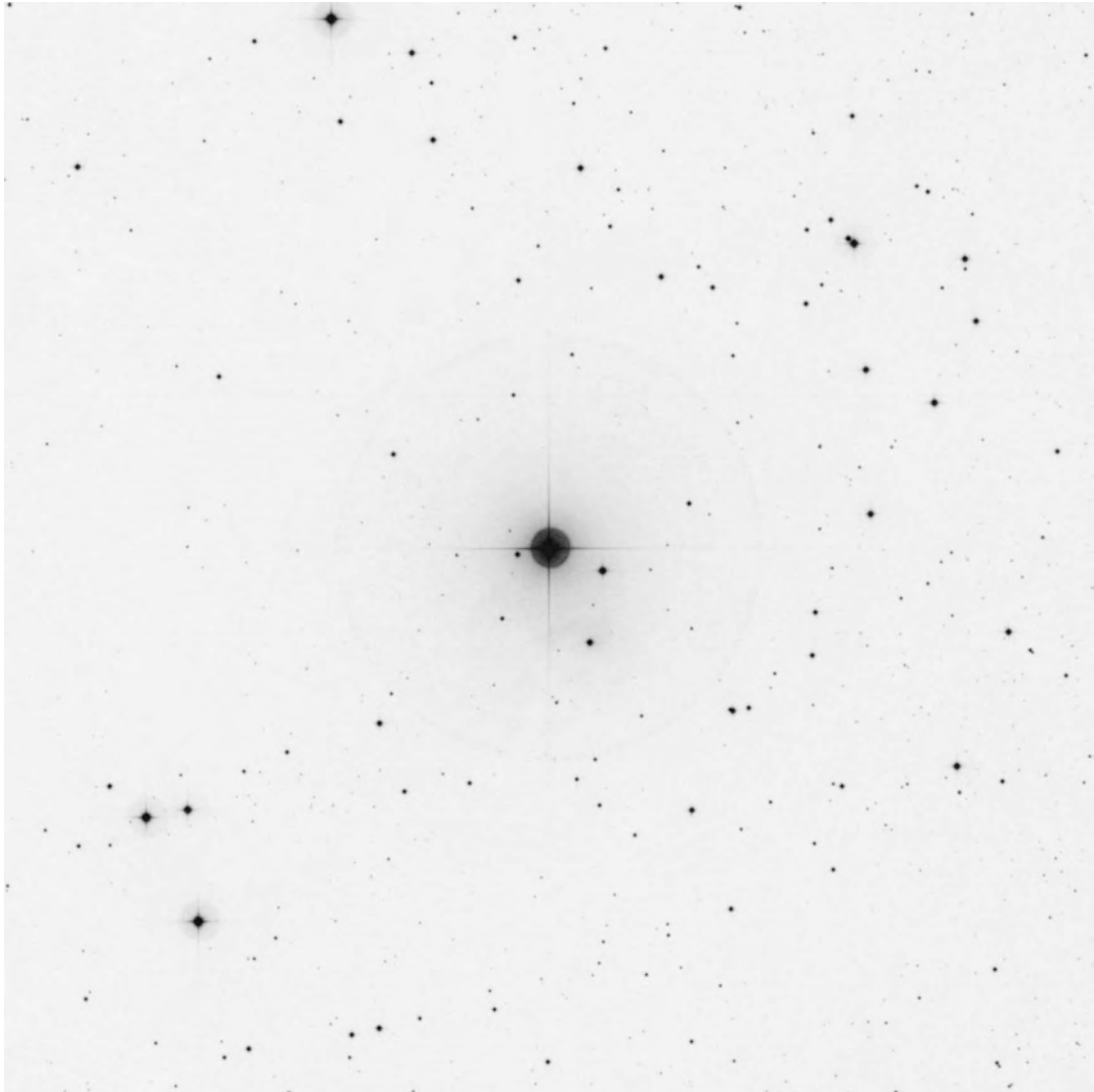


30X30'



VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
6	Cas	01 43	43.4	+61 50	04	9.20	II	F	WK

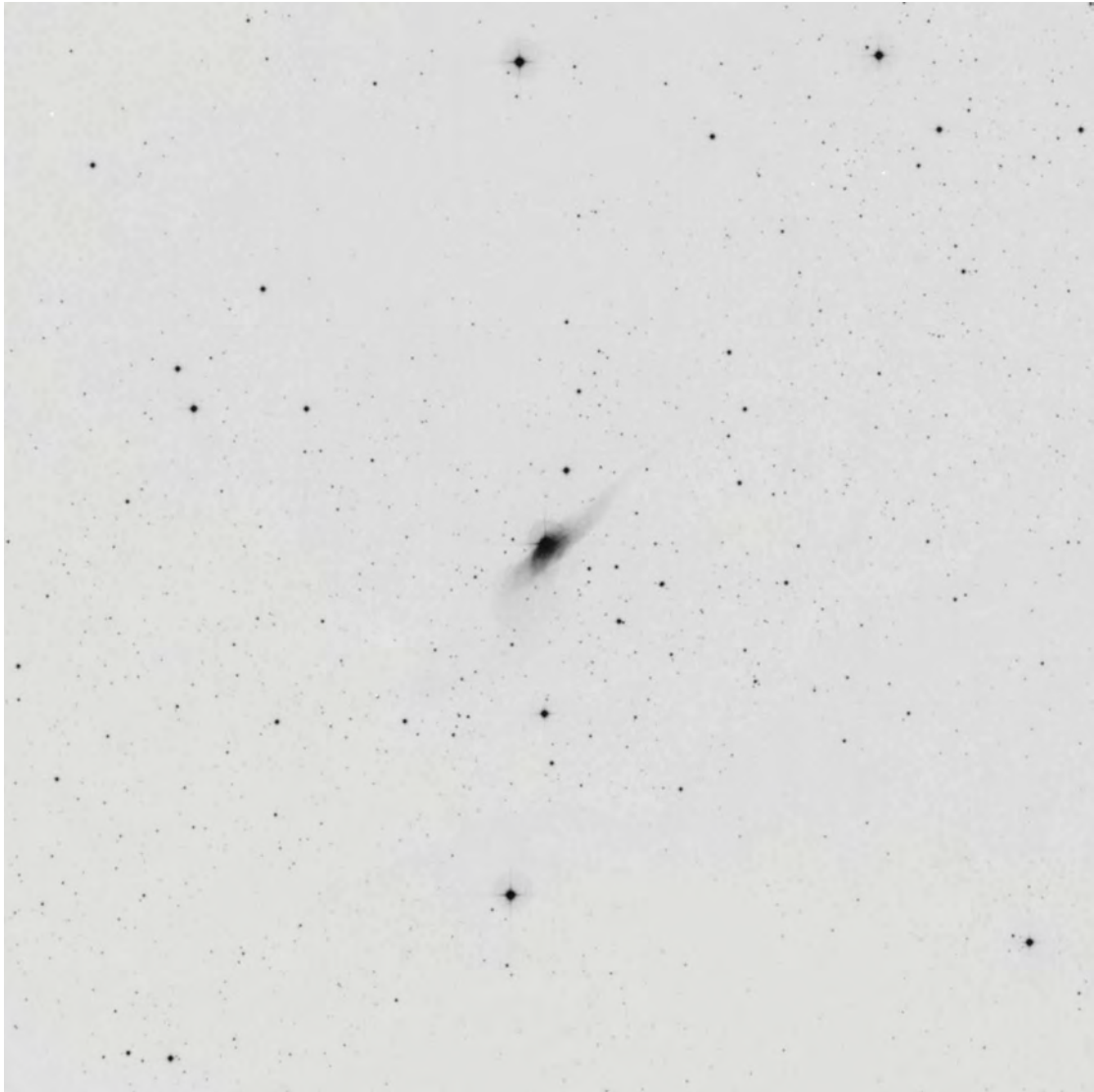
VdB-7 in Cassiopeia



30X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
7	Cas	02	48	55.5	+69	38	03	6.50	II	F	MOD

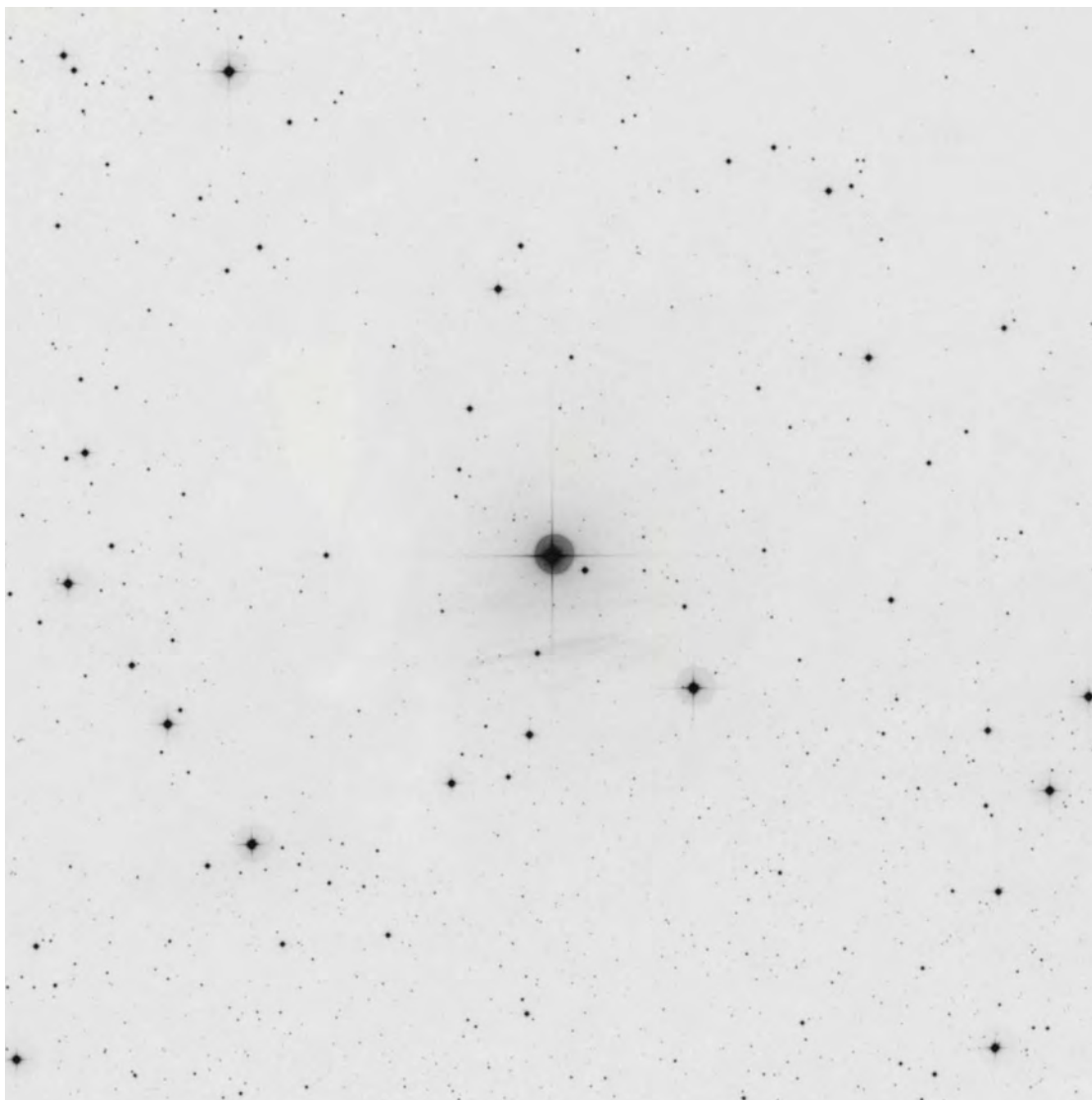
VdB-8 in Cassiopeia



30X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
8	Cas	02	51	32.8	+67	48	54	8.50	I	VBR	MOD

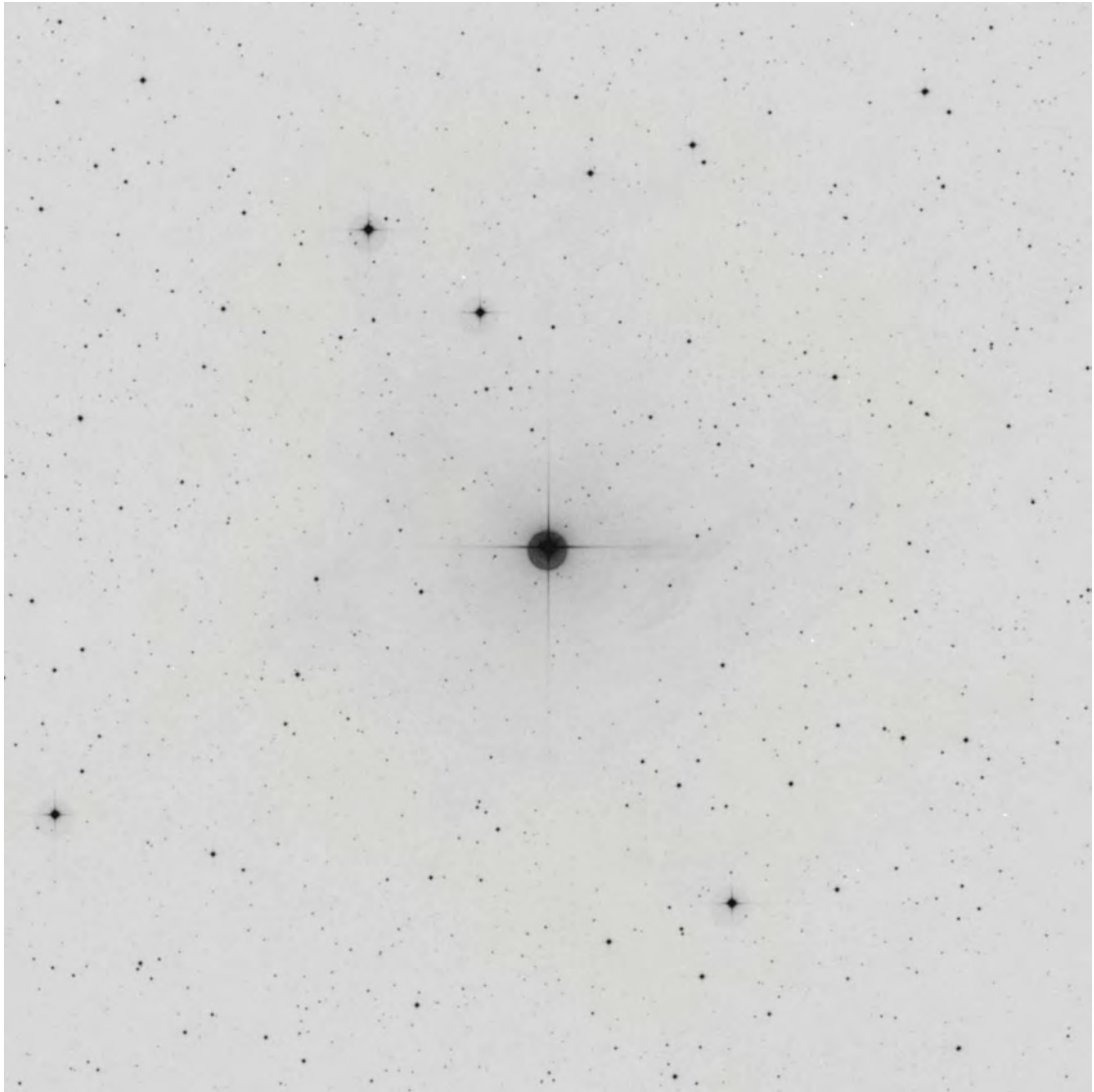
VdB-9 in Cassiopeia



30X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
9	Cas	02	51	58.8	+68	53	19	5.96	II	F	MOD

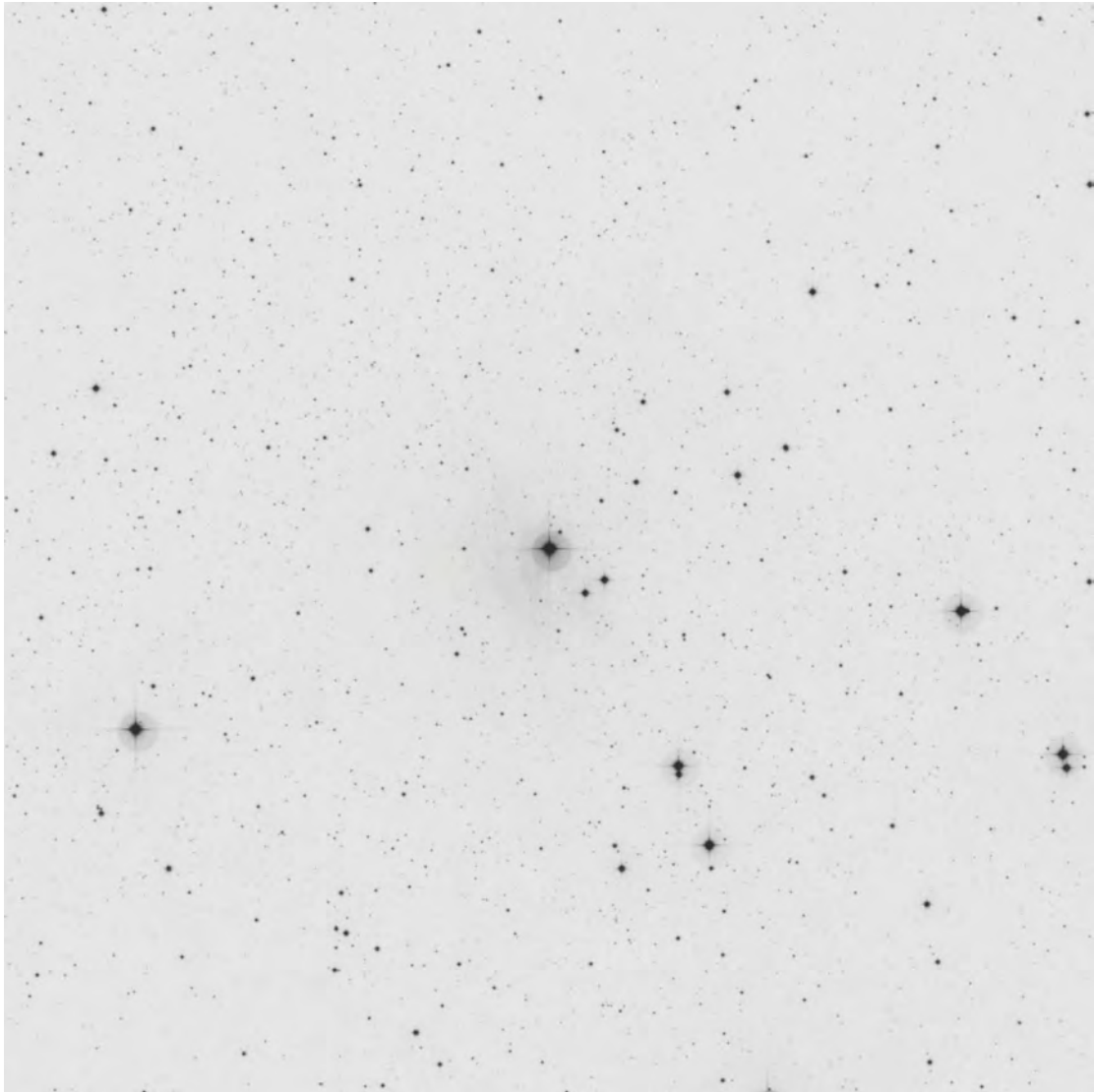
VdB-10 in Perseus



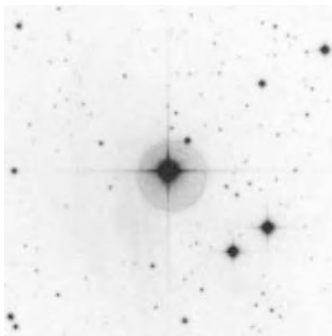
30X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
10	Per	03	15	48.0	+57	08	26	6.00	I	F	WK

VdB-11 in Camelopardalis

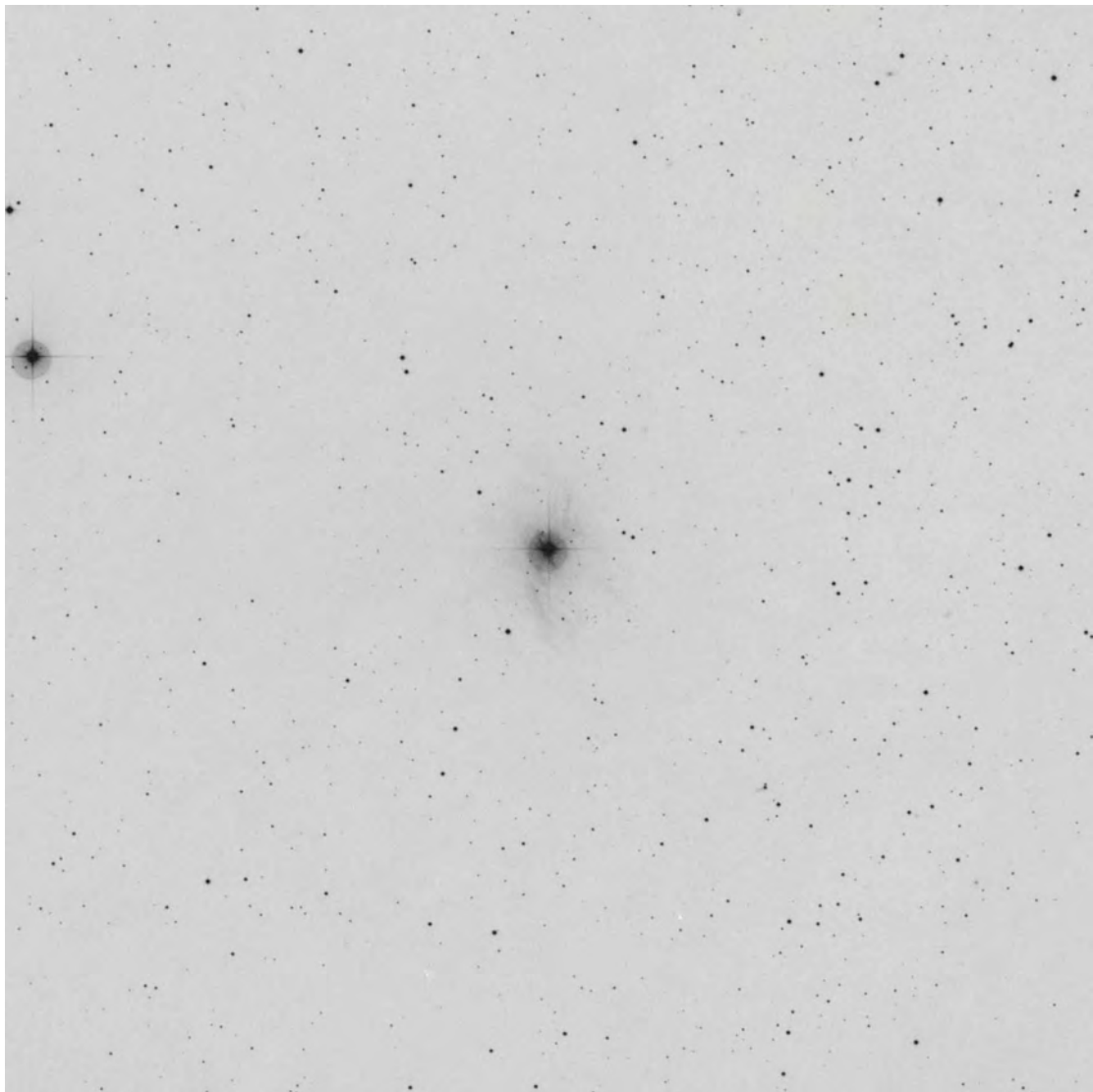


30X30'

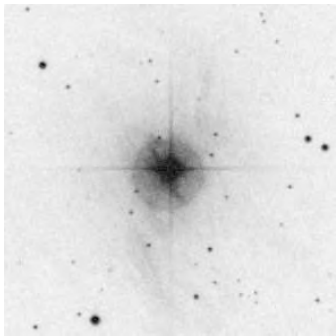


VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
11	Cam	03	24	14.2	+61	32	19	8.37	II	M	STR

VdB-12 in Perseus

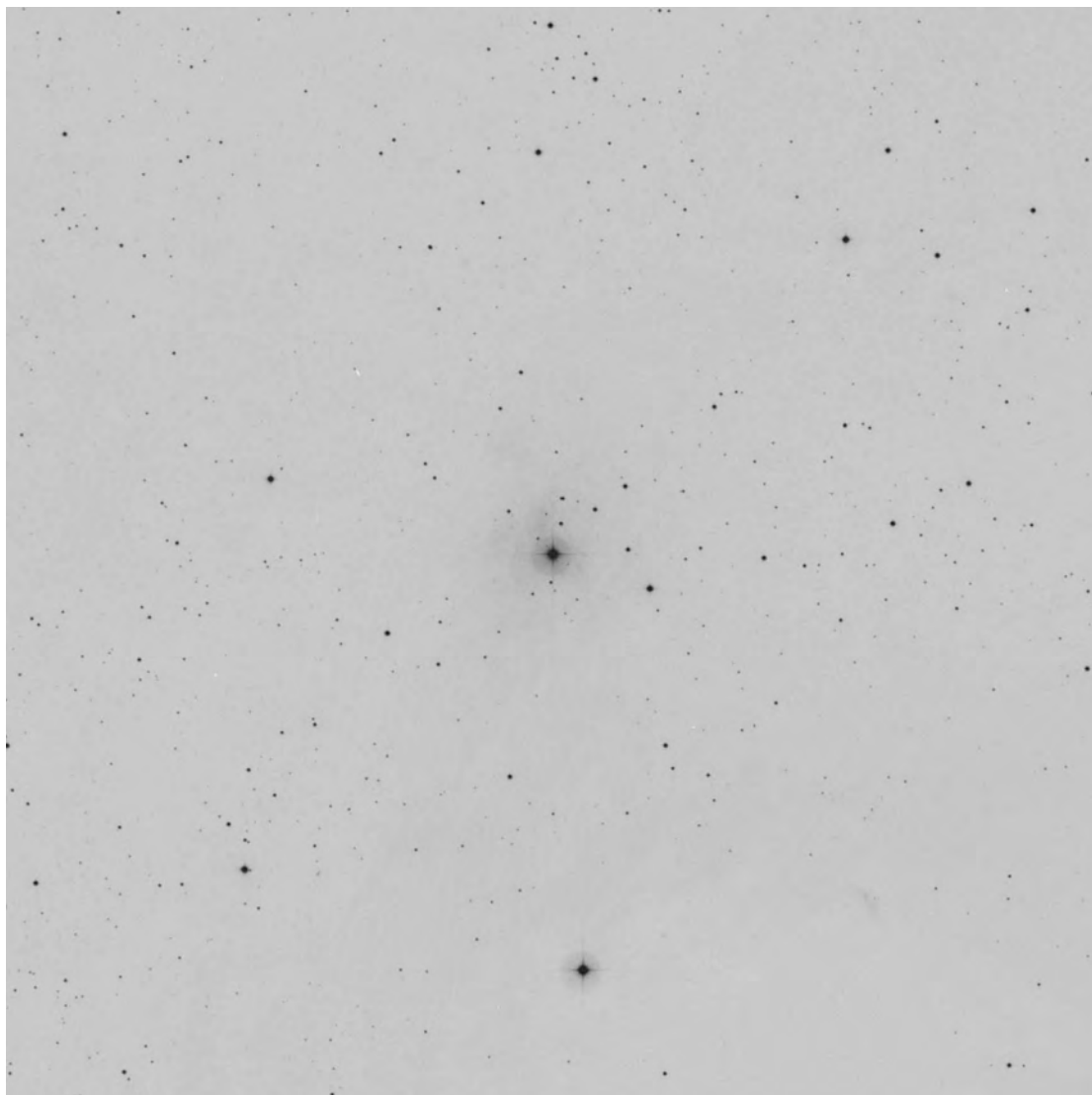


30X30'

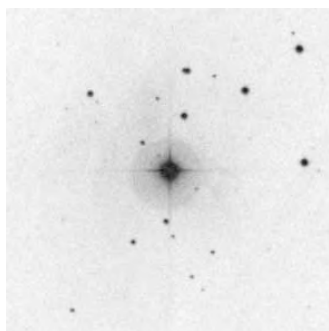


VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
12	Per	03	25	23.9	+31	43	52	7.00	I	M	WK

VdB-13 in Aries

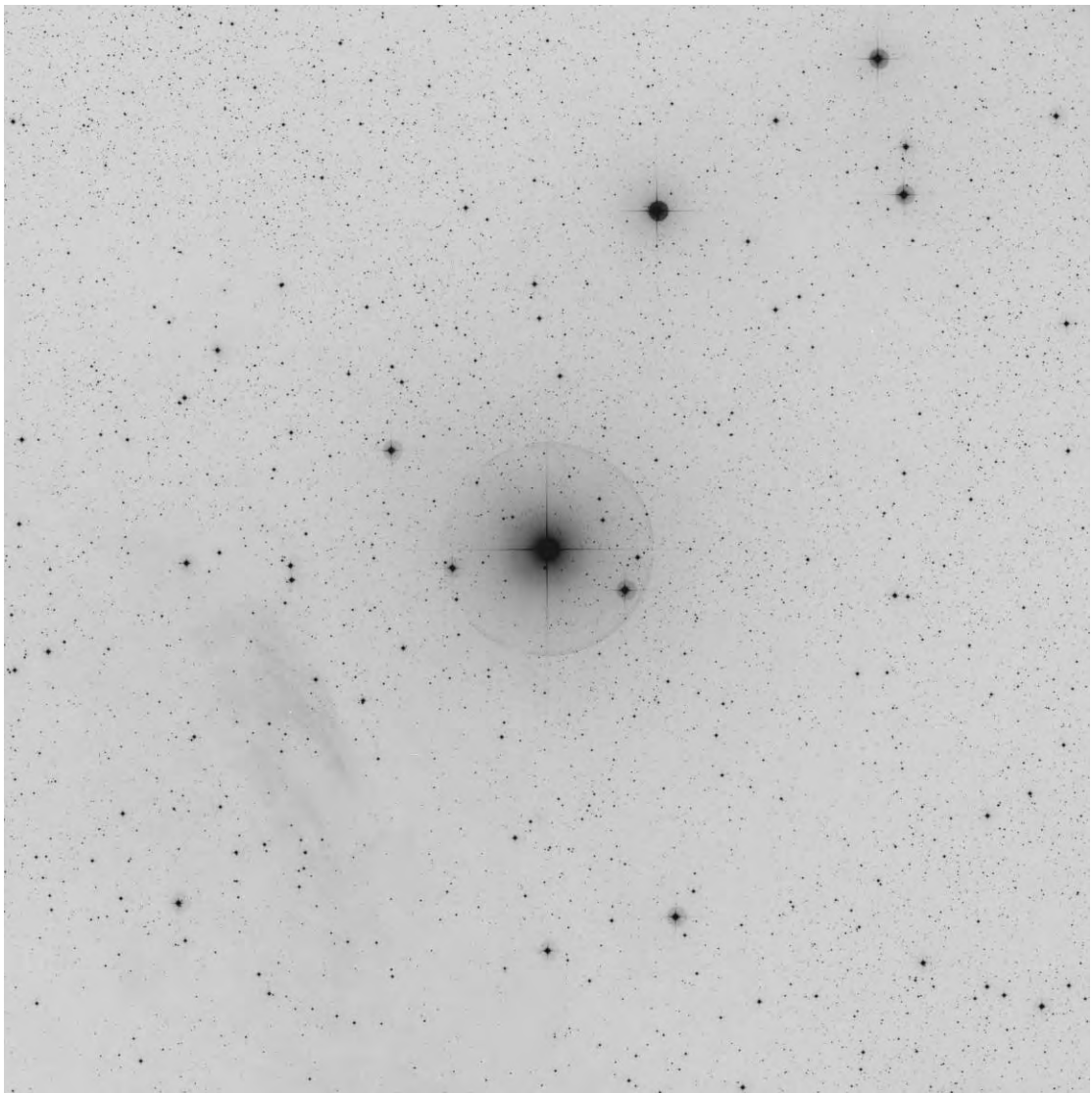


30X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
13	Ari	03 25 50.1	+30 55 54	8.80	I	F	MOD

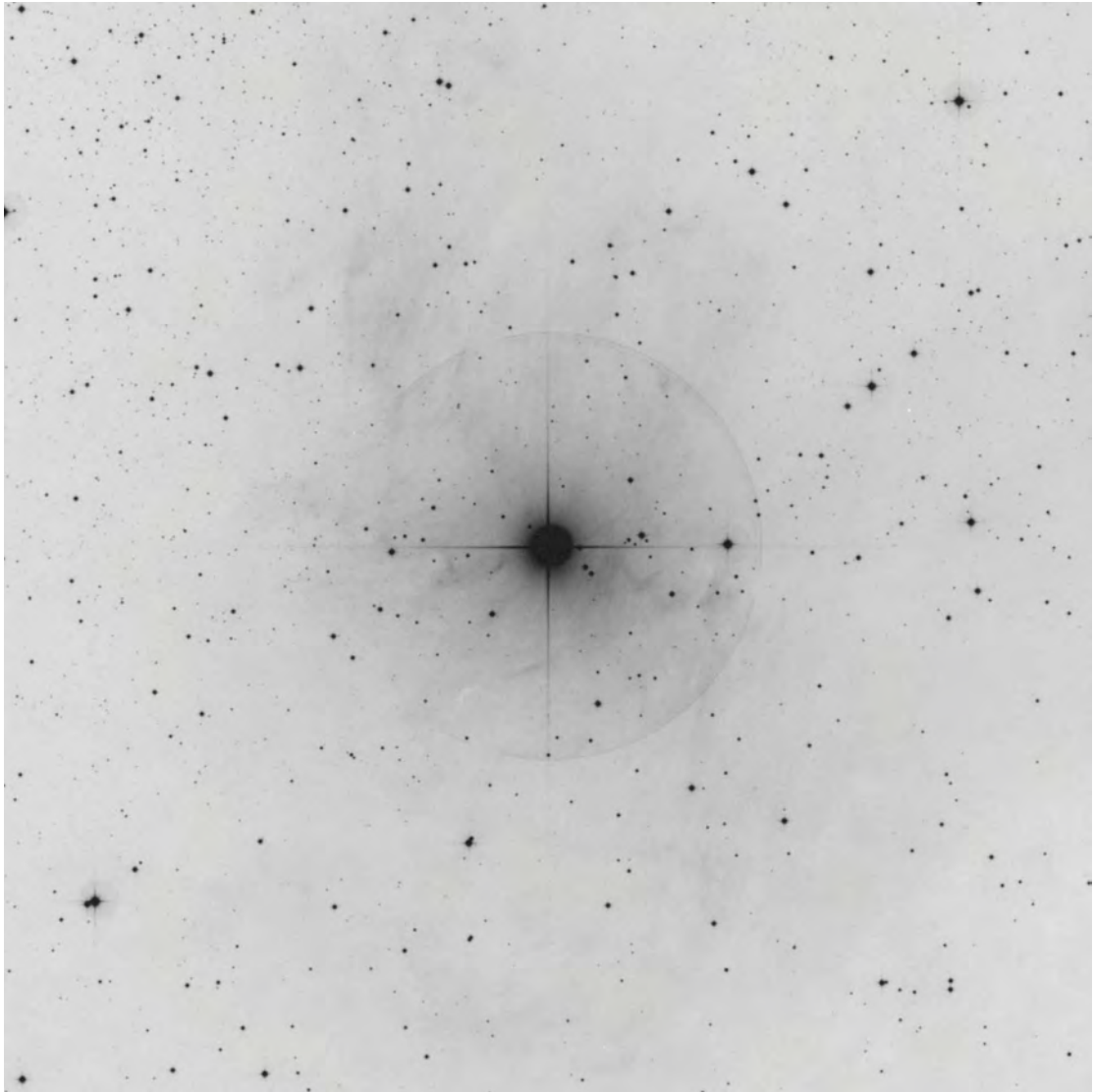
VdB-14 in Camelopardalis



60X60'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
14	Cam	03 29 04.1	+59 56 25	4.23	II	M	MOD

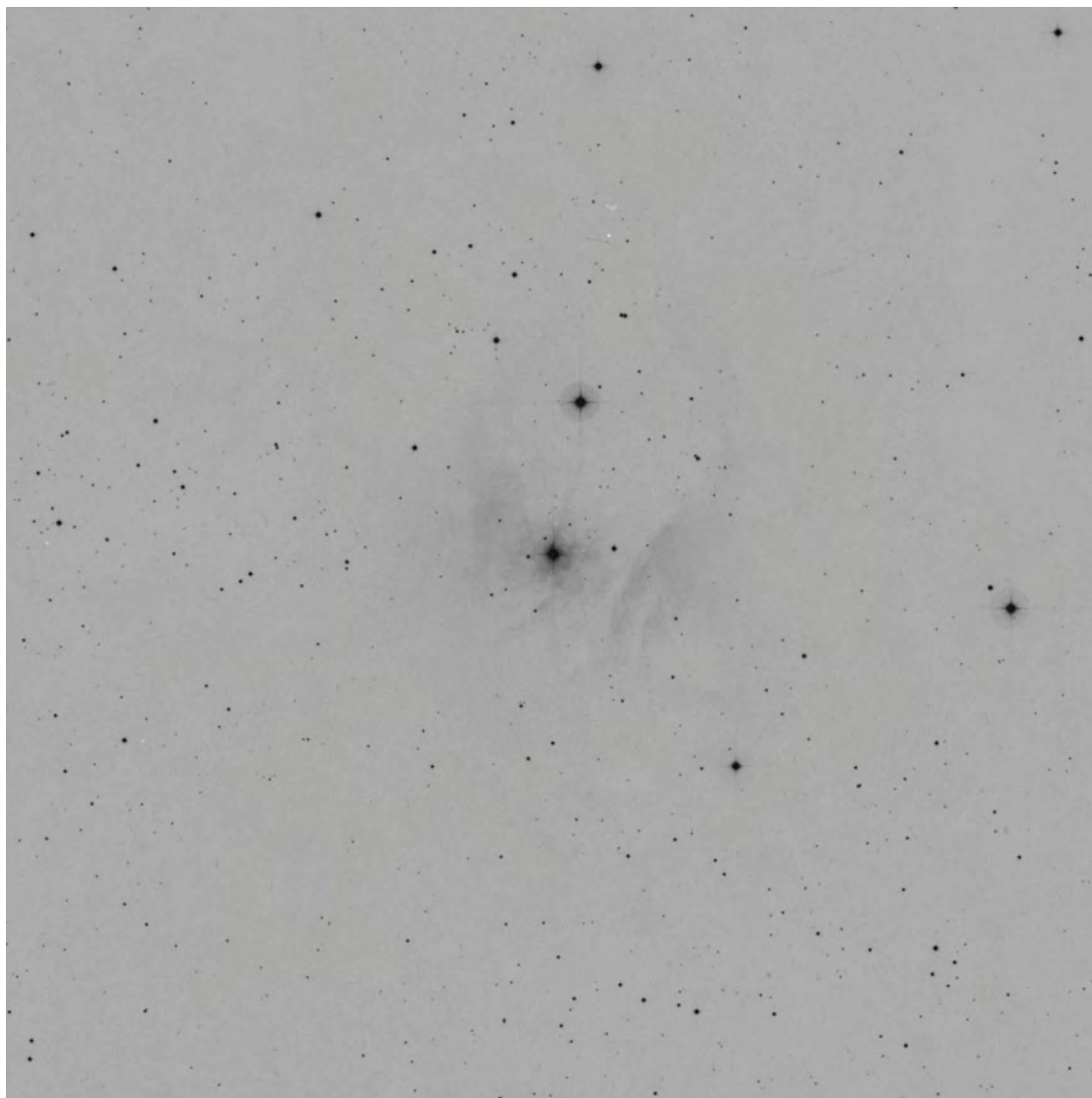
VdB-15 in Camelopardalis



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
15	Cam	03	29	54.7	+58	52	43	4.58	II	M	STR

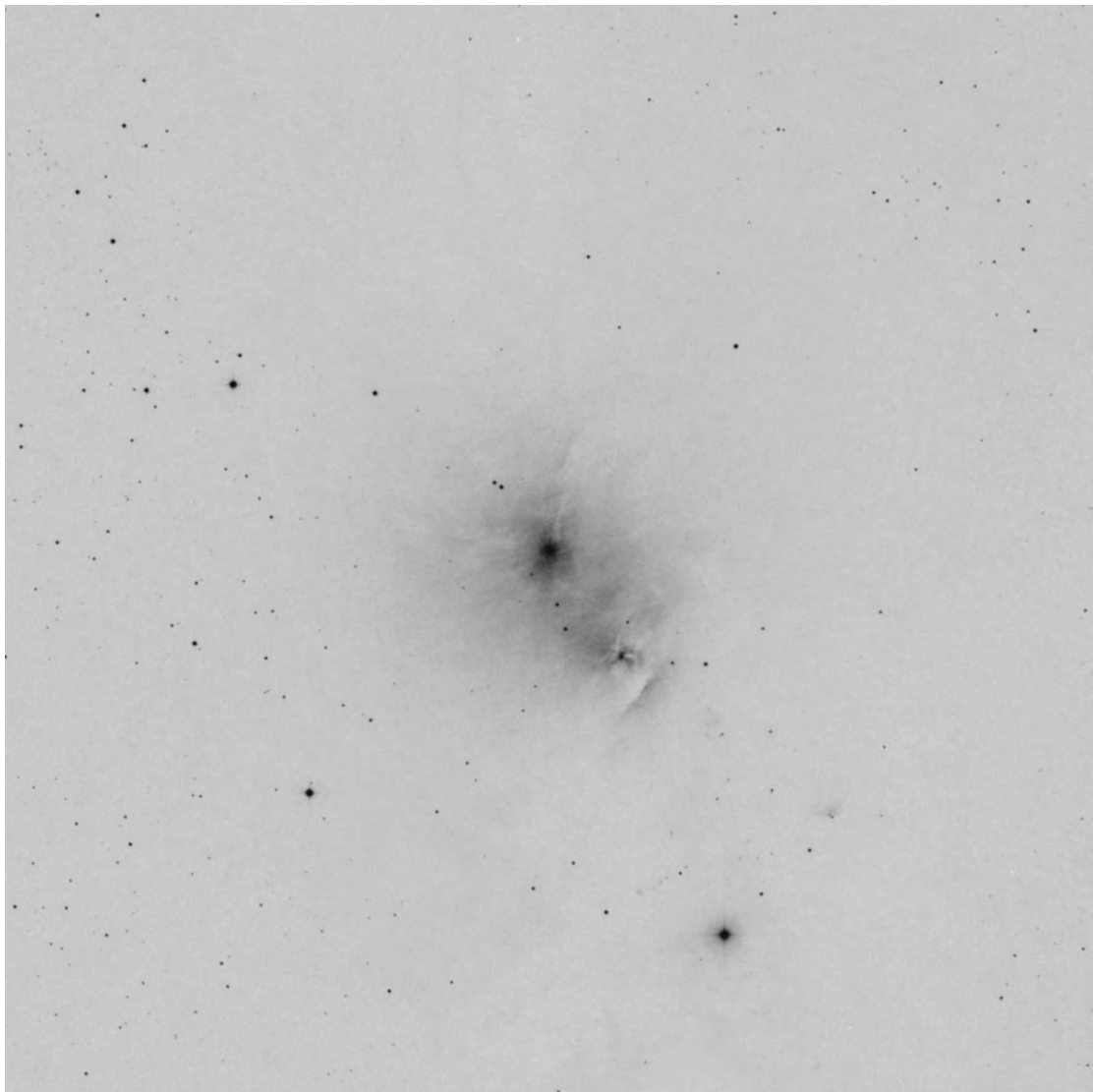
VdB-16 in Aries



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
16	Ari	03 28 20.9	+29 47 57	9.10	II	M	MOD

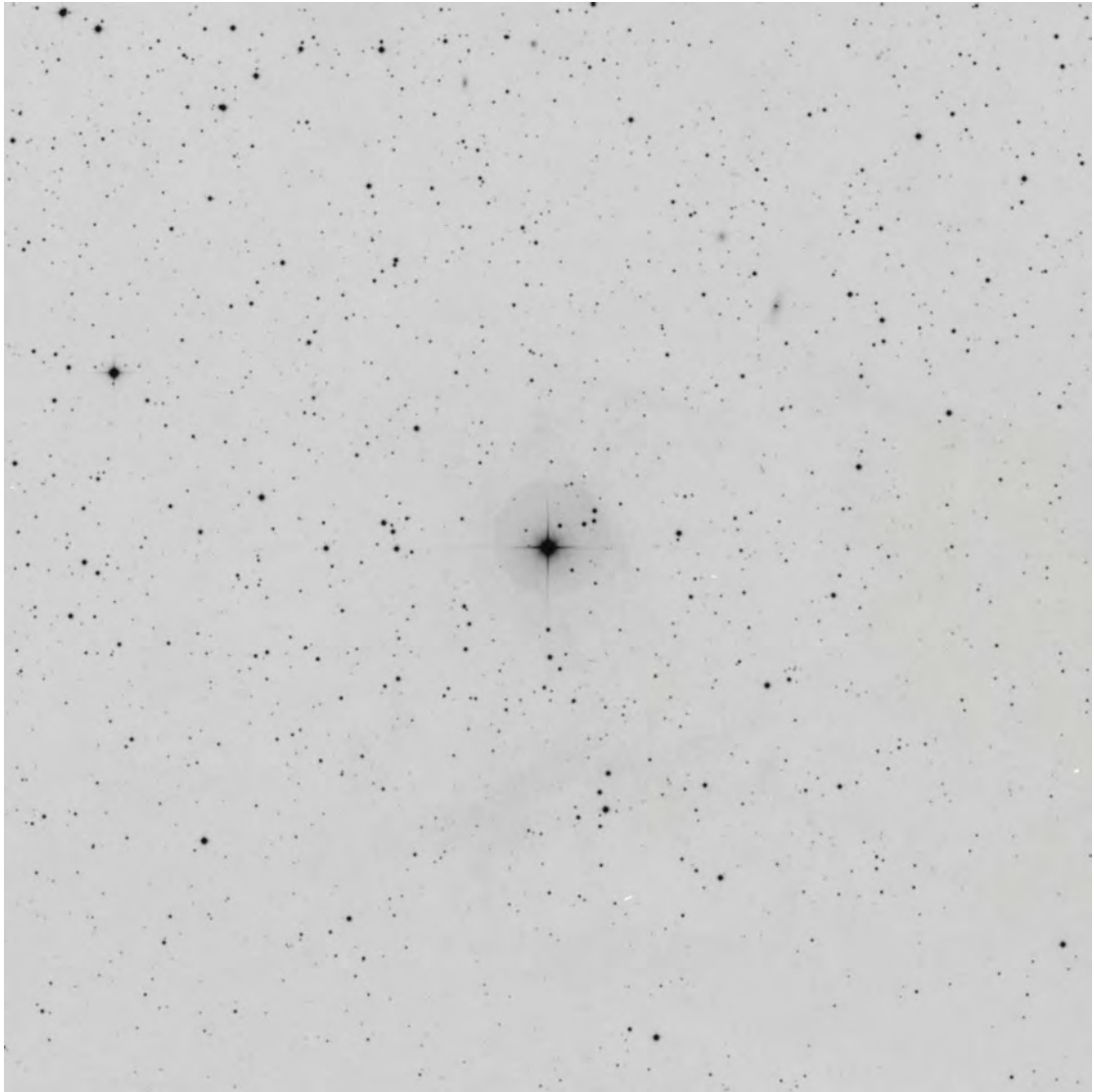
VdB-17 in Perseus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
17	Per	03	29	19.8	+31	24	57	9.50	I	BR	STR

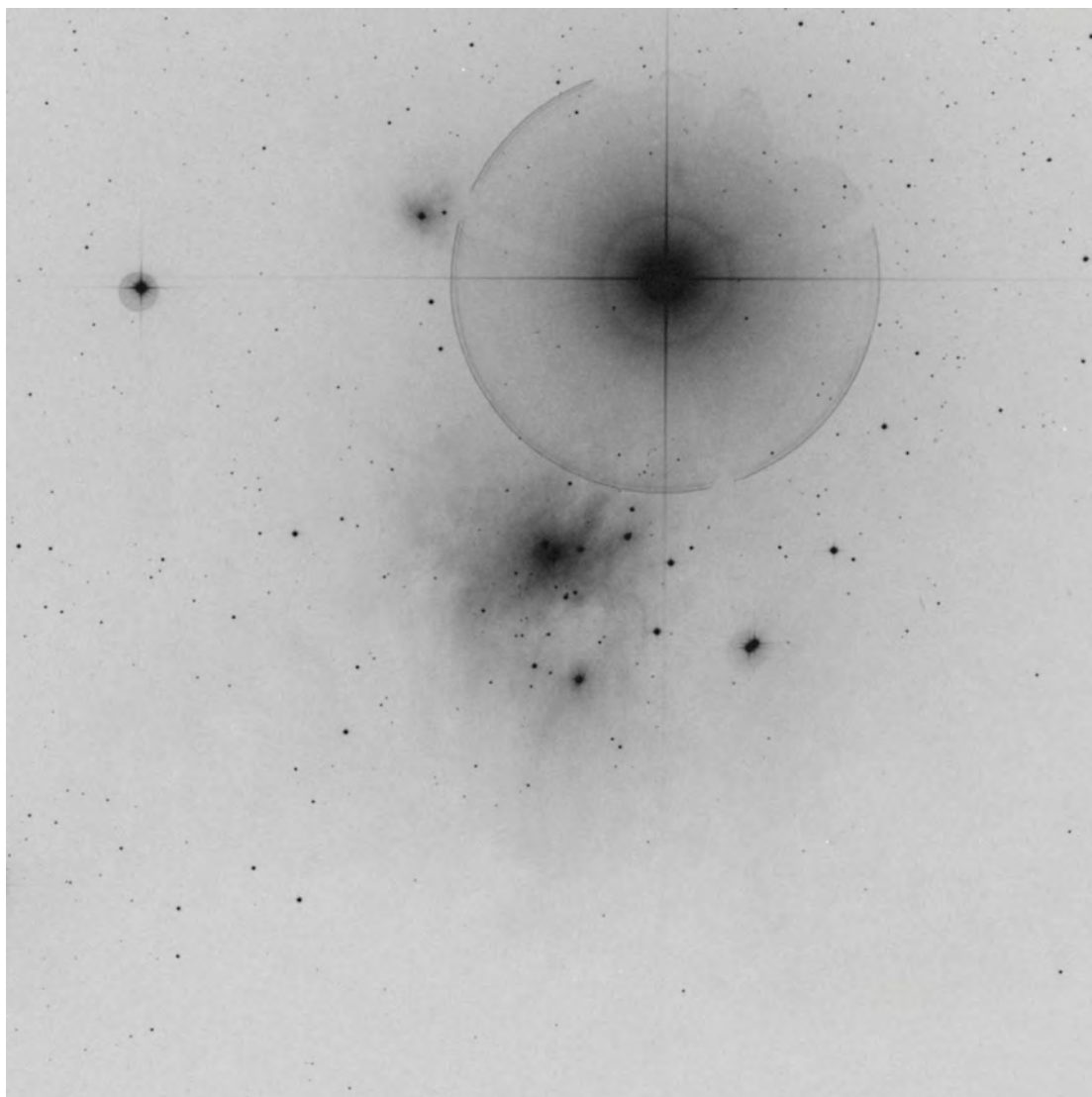
VdB-18 in Perseus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
18	Per	03	35	11.9	+38	00	55	7.58	II	F	WK

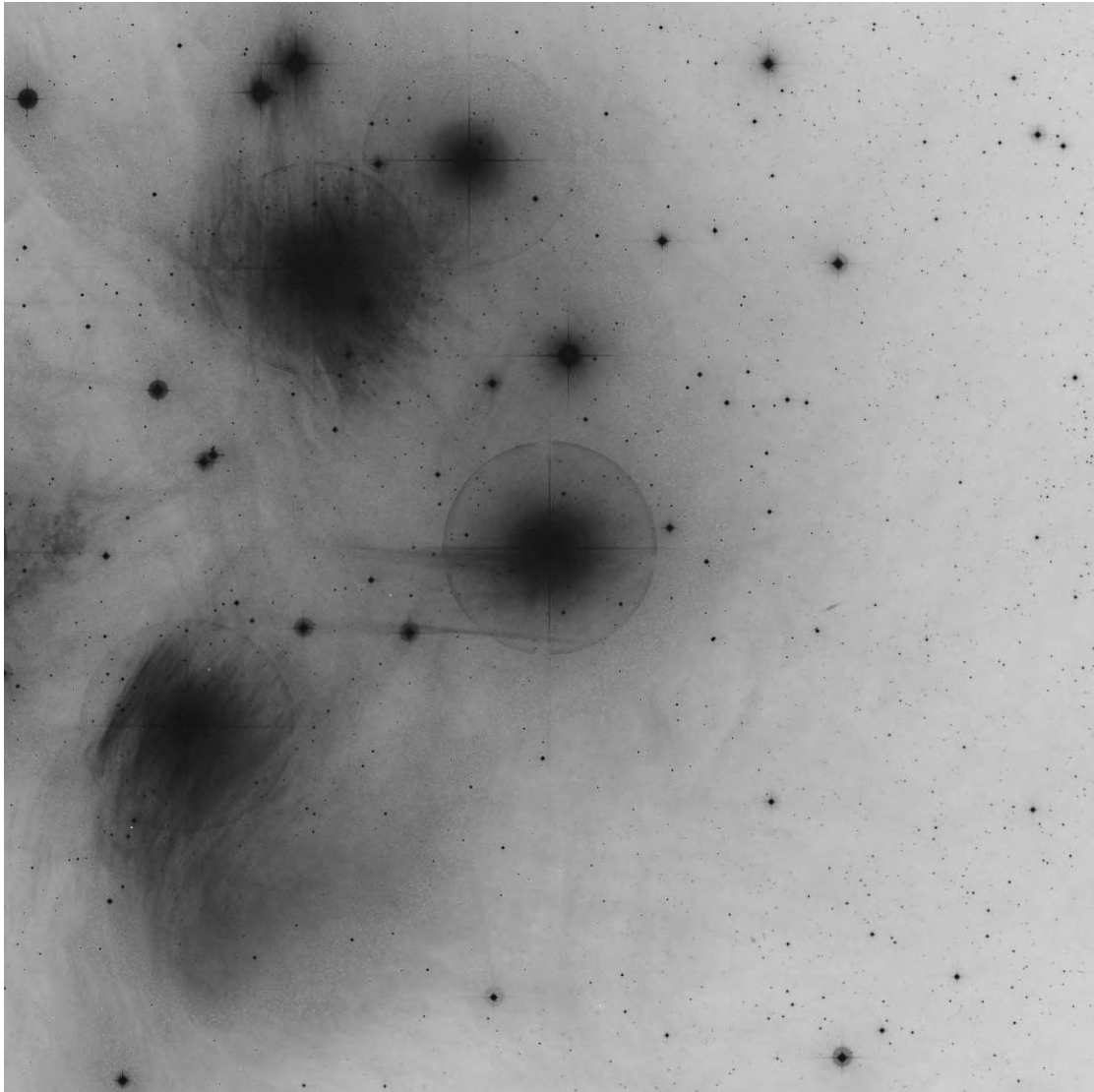
VdB-19 in Perseus



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
19	Per	03 44 34.2	+32 09 46	8.53	I	BR	STR

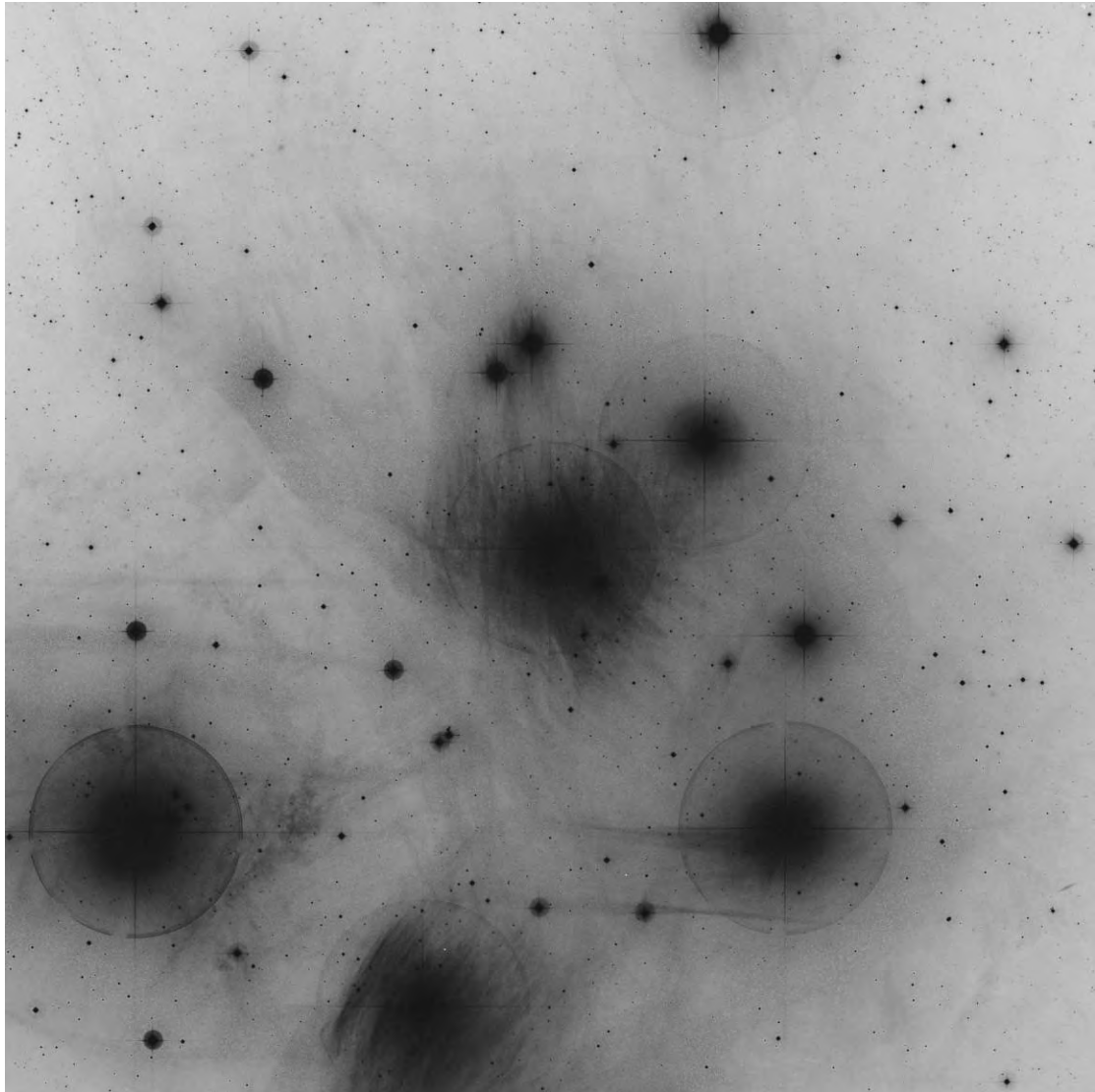
VdB-20 in Taurus



60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
20	Tau	03	44	52.5	+24	06	48	3.71	I	M	WK

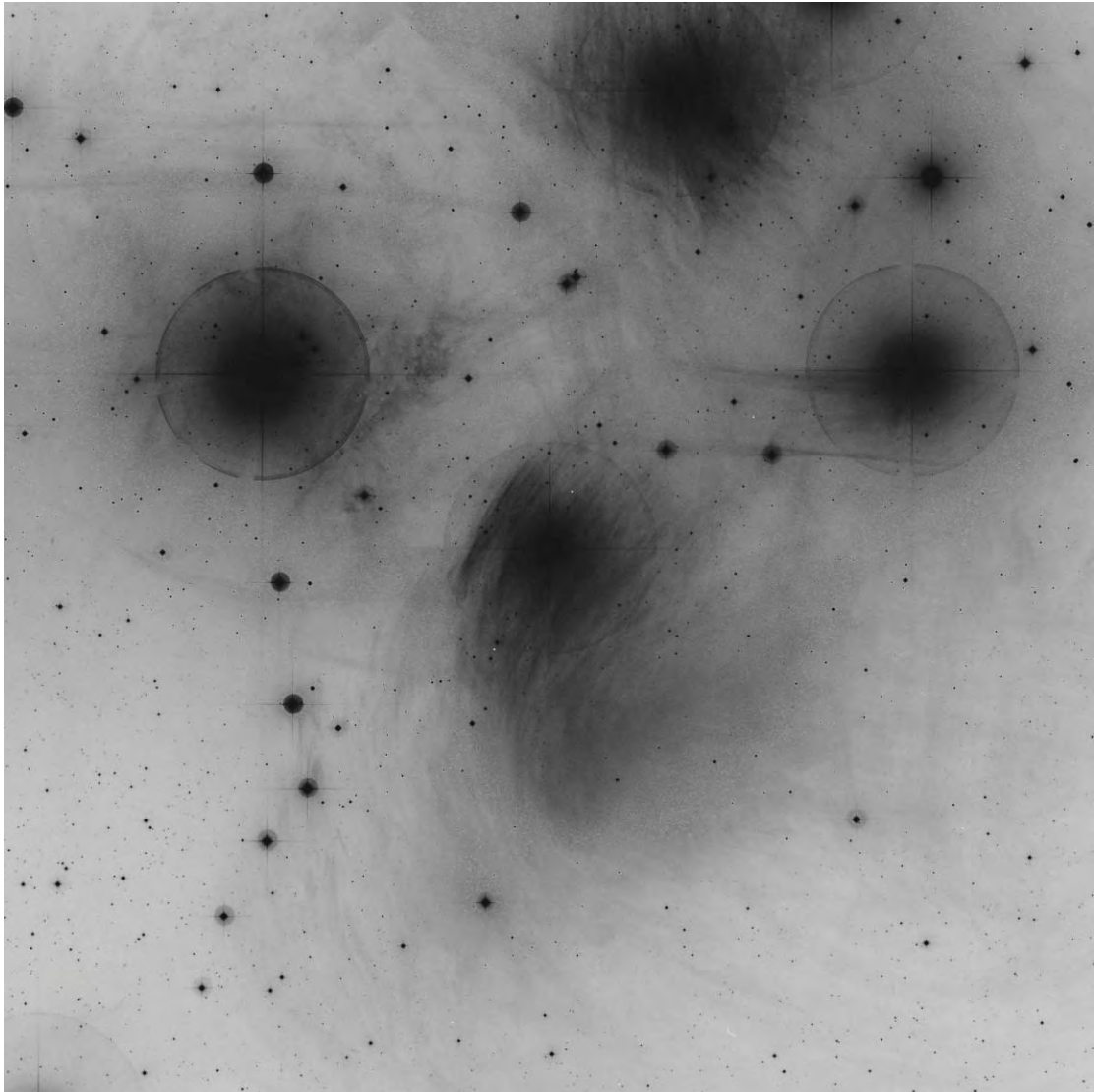
VdB-21 in Taurus



60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
21	Tau	03	45	49.6	+24	22	04	3.88	I	BR	WK

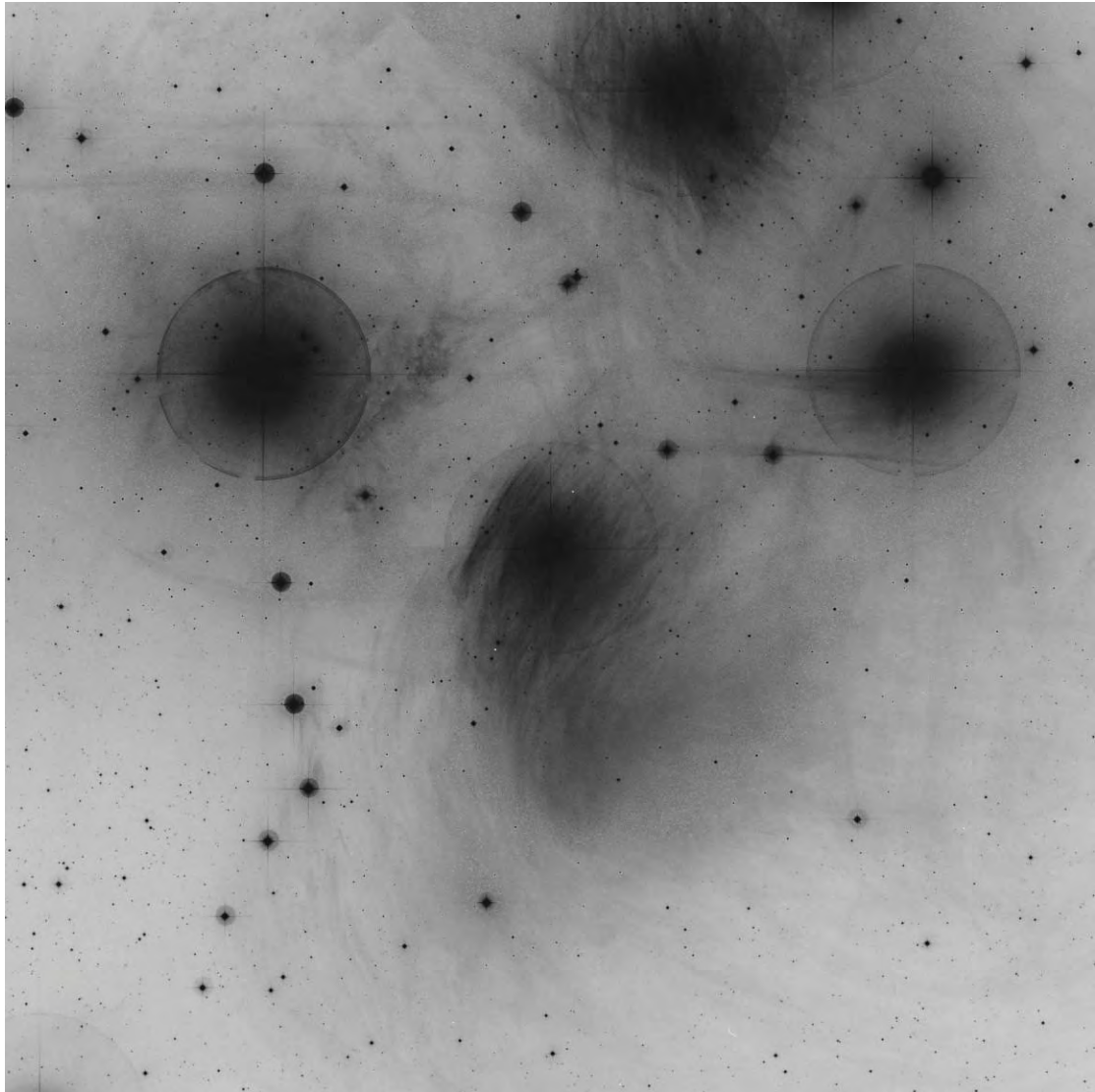
VdB-22 in Taurus



60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
22	Tau	03	46	19.6	+23	56	54	4.18	I	VBR	WK

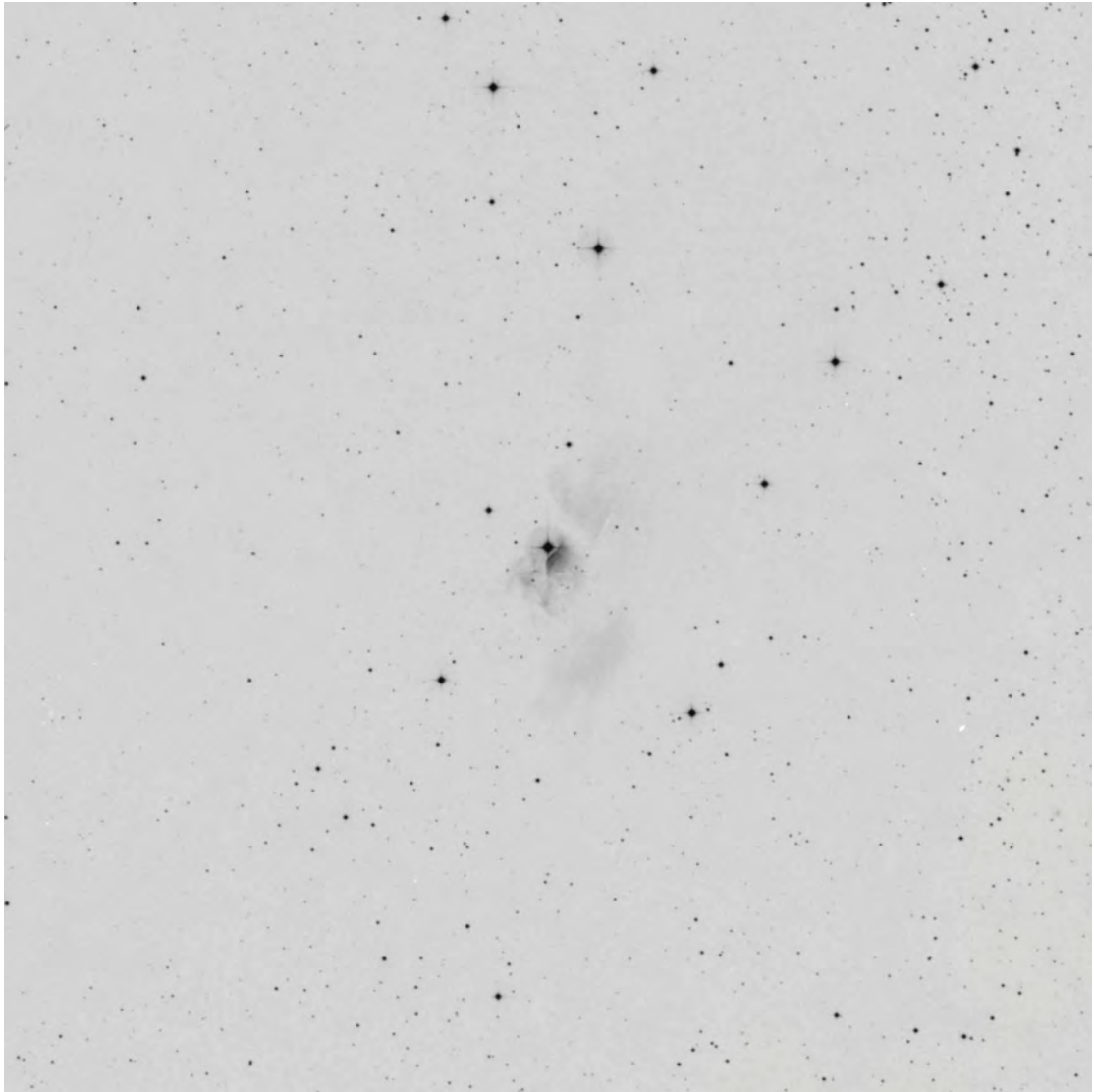
VdB-23 in Taurus



60'X60'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
23	Tau	03 47 29.1	+24 06 18	2.87	I	M	WK

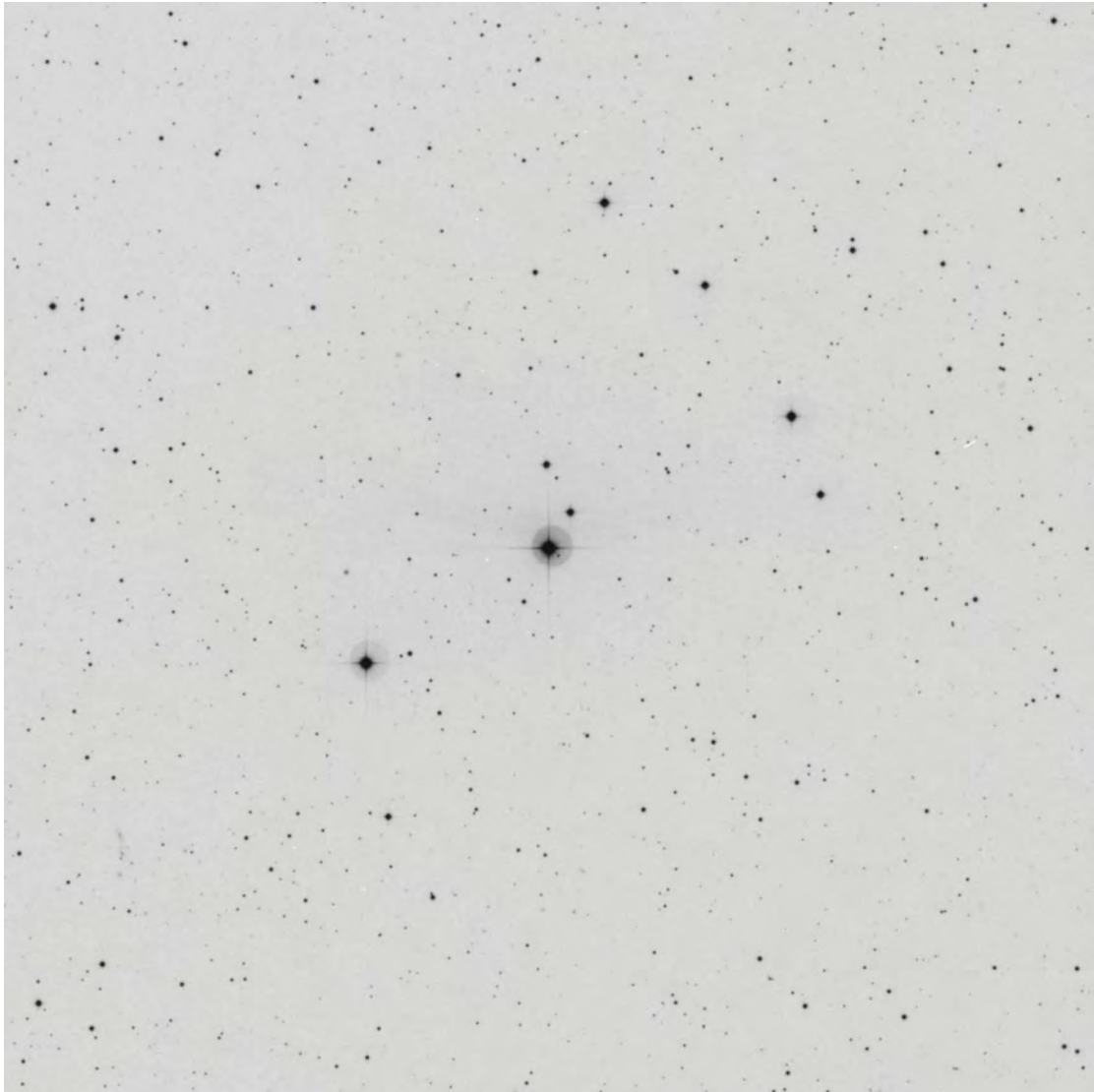
VdB-24 in Perseus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
24	Per	03	49	36.3	+38	58	55	8.80	II	M	STR

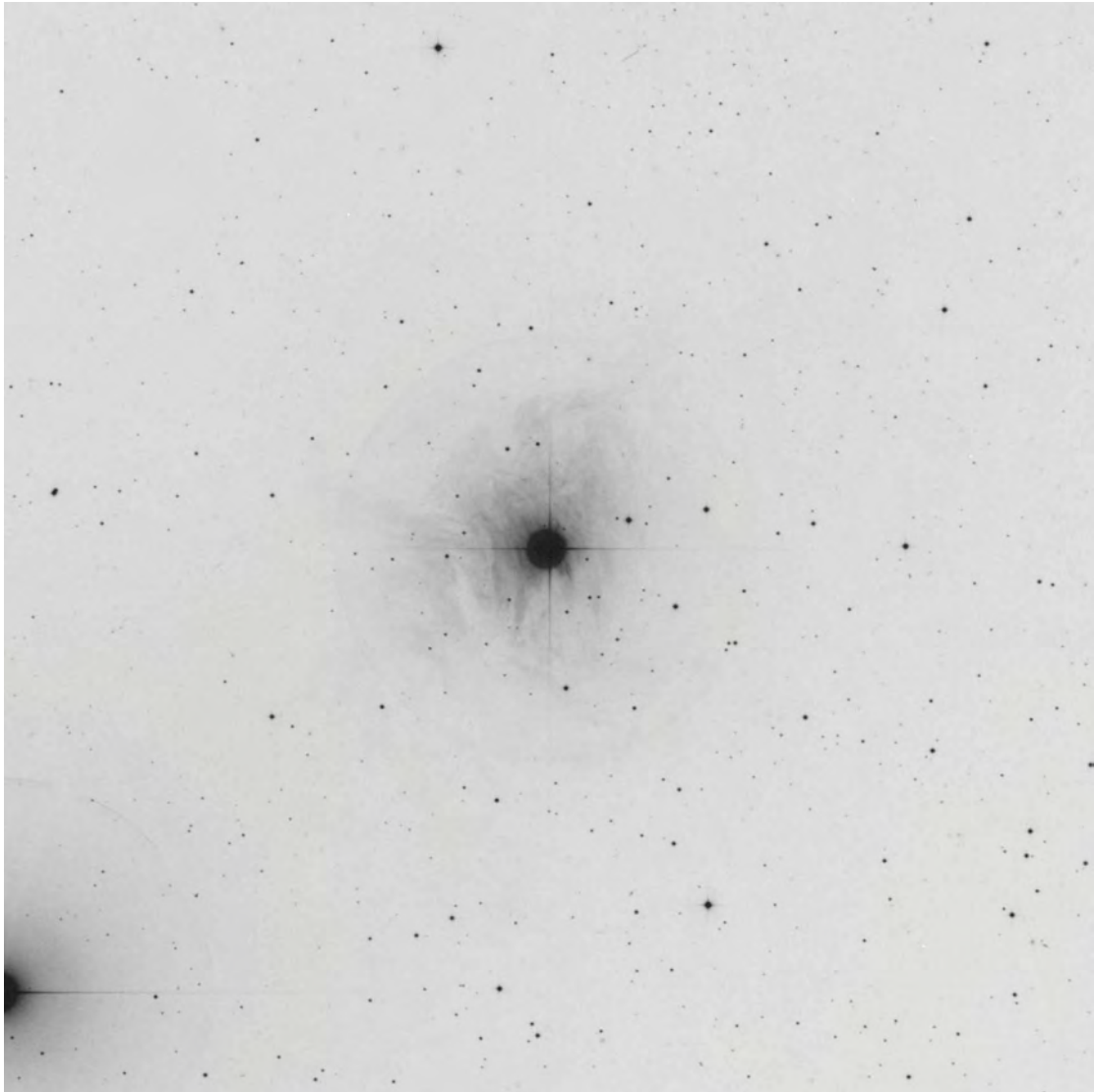
VdB-25 in Taurus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
25	Tau	04	12	25.0	+23	34	28	7.50	II	F	WK

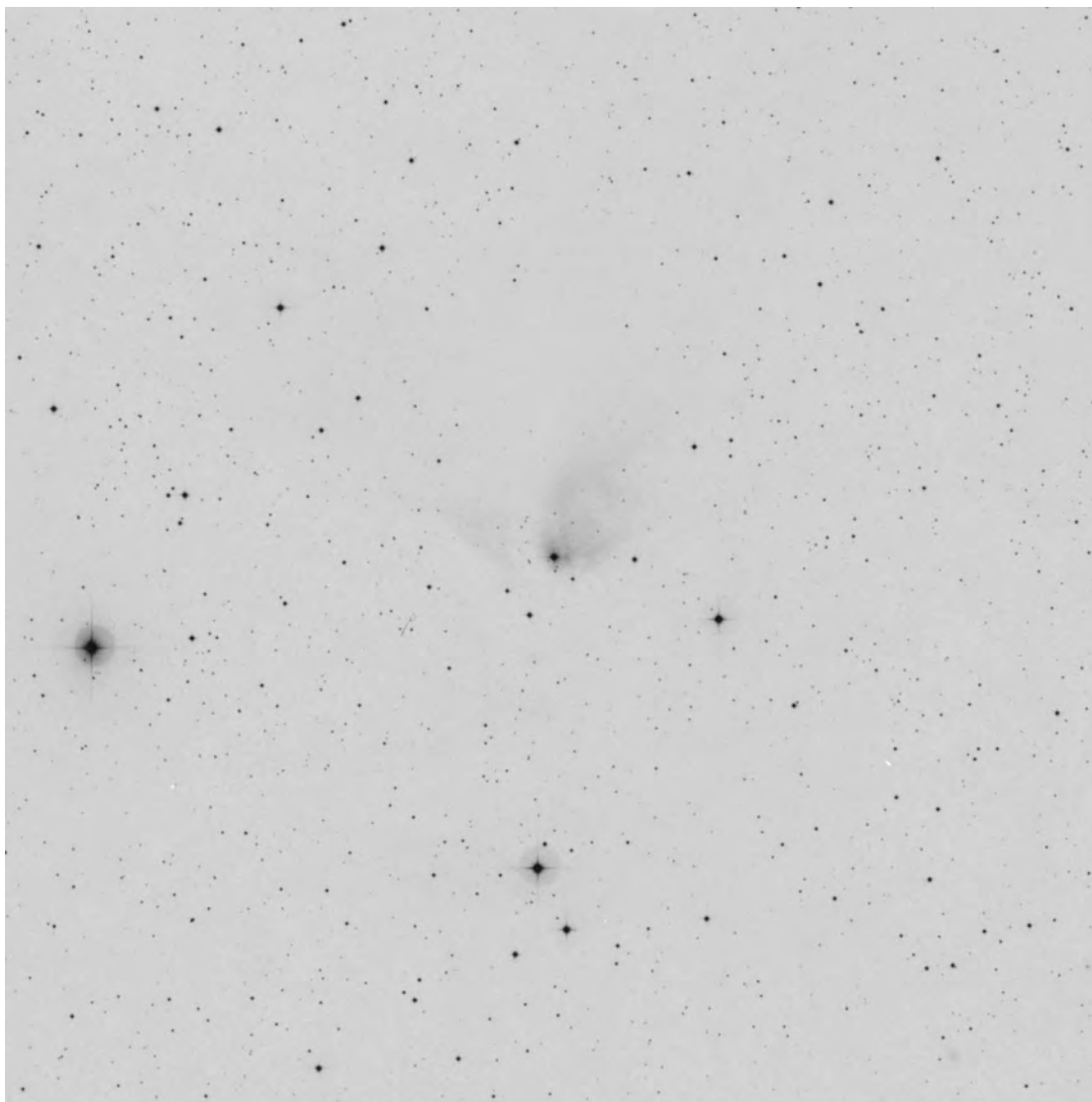
VdB-26 in Taurus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
26	Tau	04	13	34.6	+10	12	45	7.20	I	M	ABS

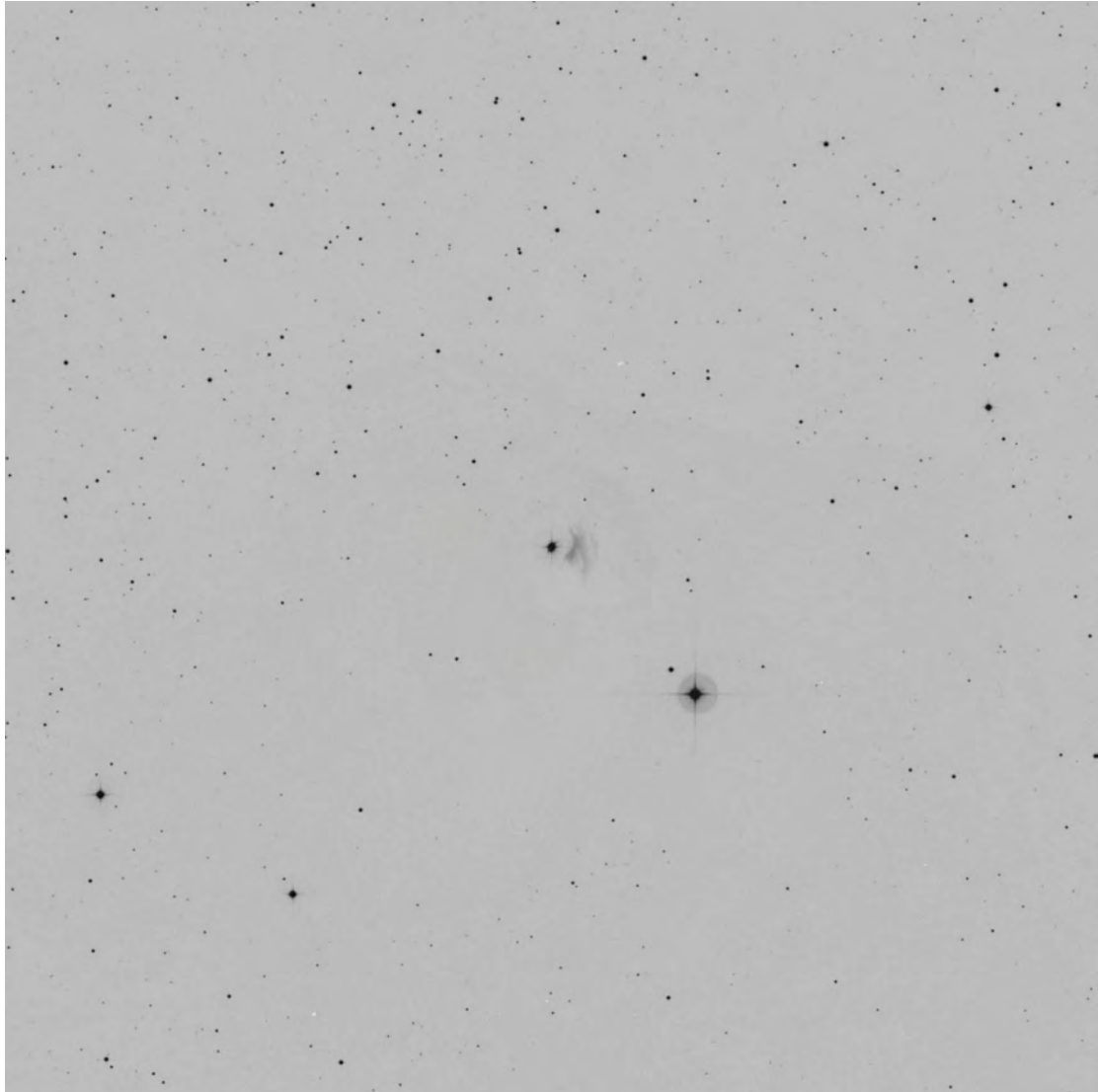
VdB-27 in Taurus



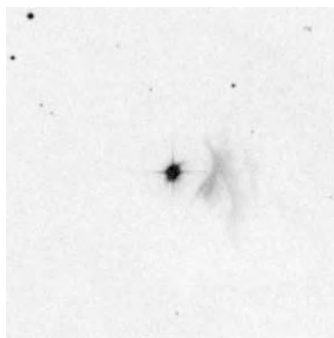
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
27	Tau	04	21	57.4	+28	26	36	9.10	I	F	STR

VdB-28 in Taurus

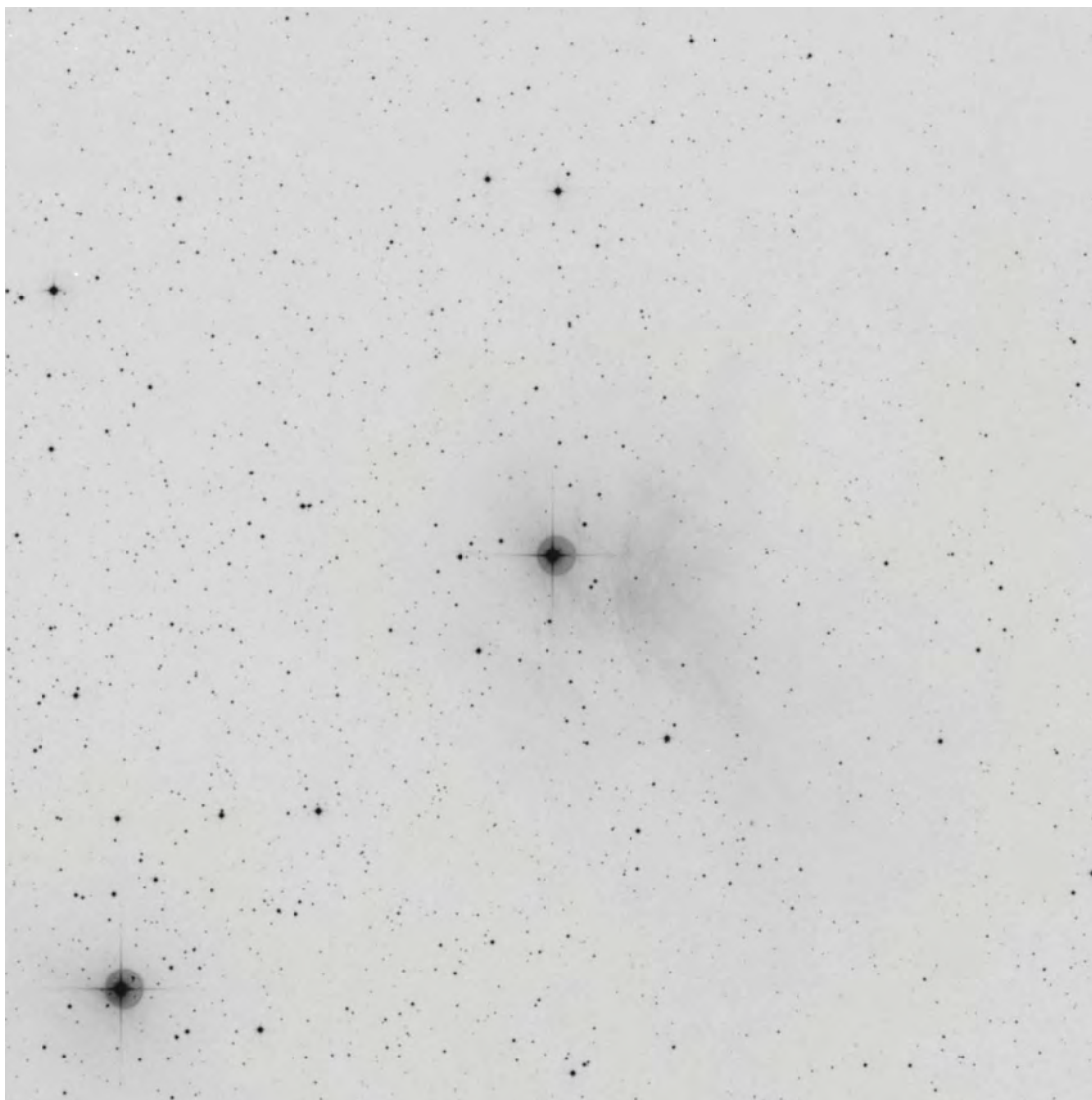


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
28	Tau	04 21 59.4	+19 32 06	9.40	II P	F	STR

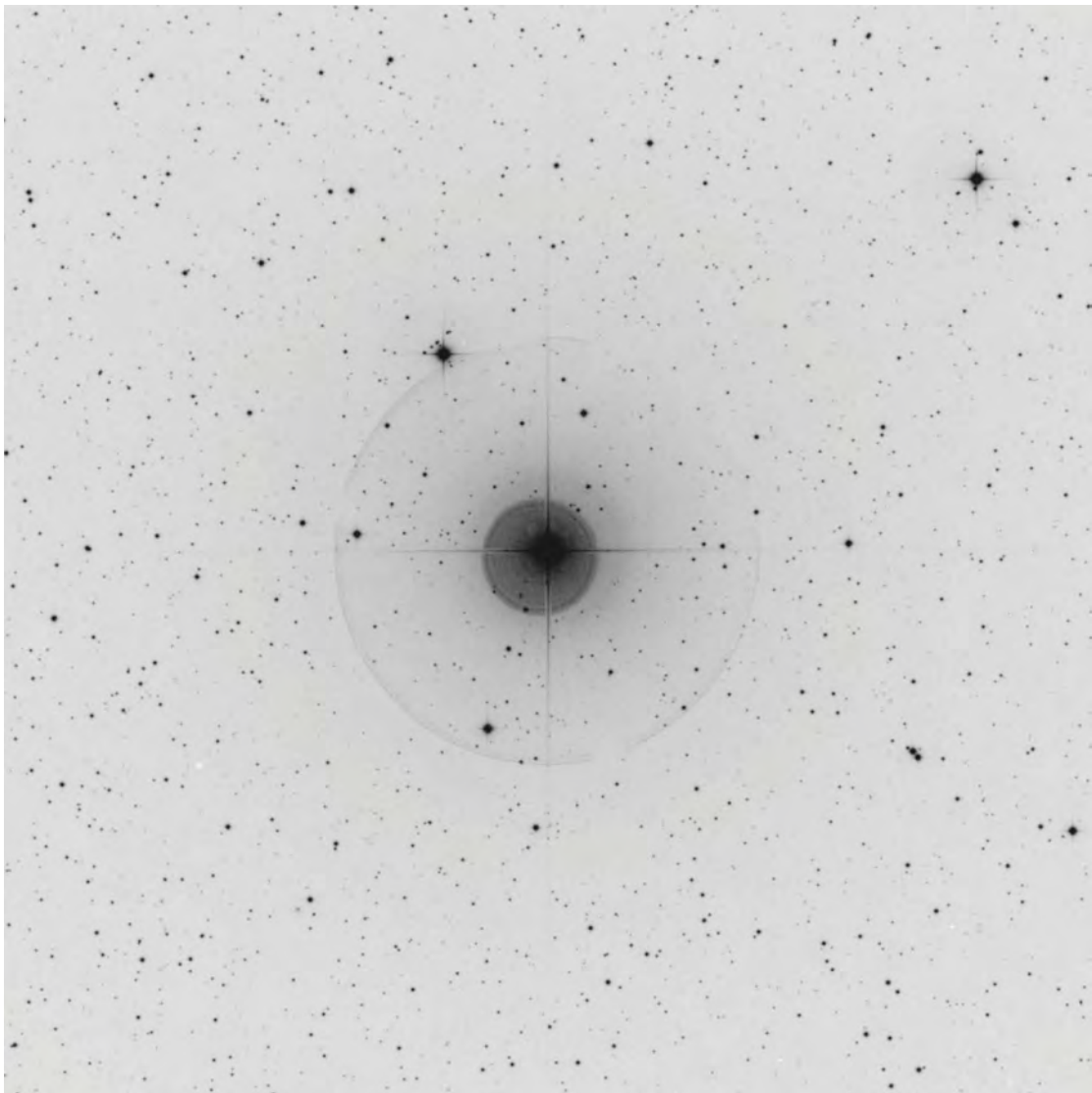
VdB-29 in Taurus



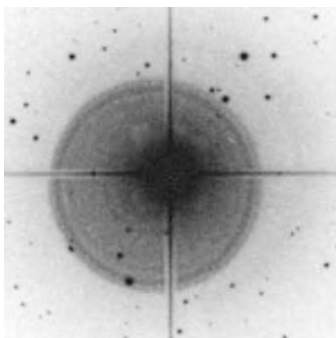
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
29	Tau	04	48	22.7	+29	46	23	6.50	II	M	MOD

VdB-30 in Camelopardalis

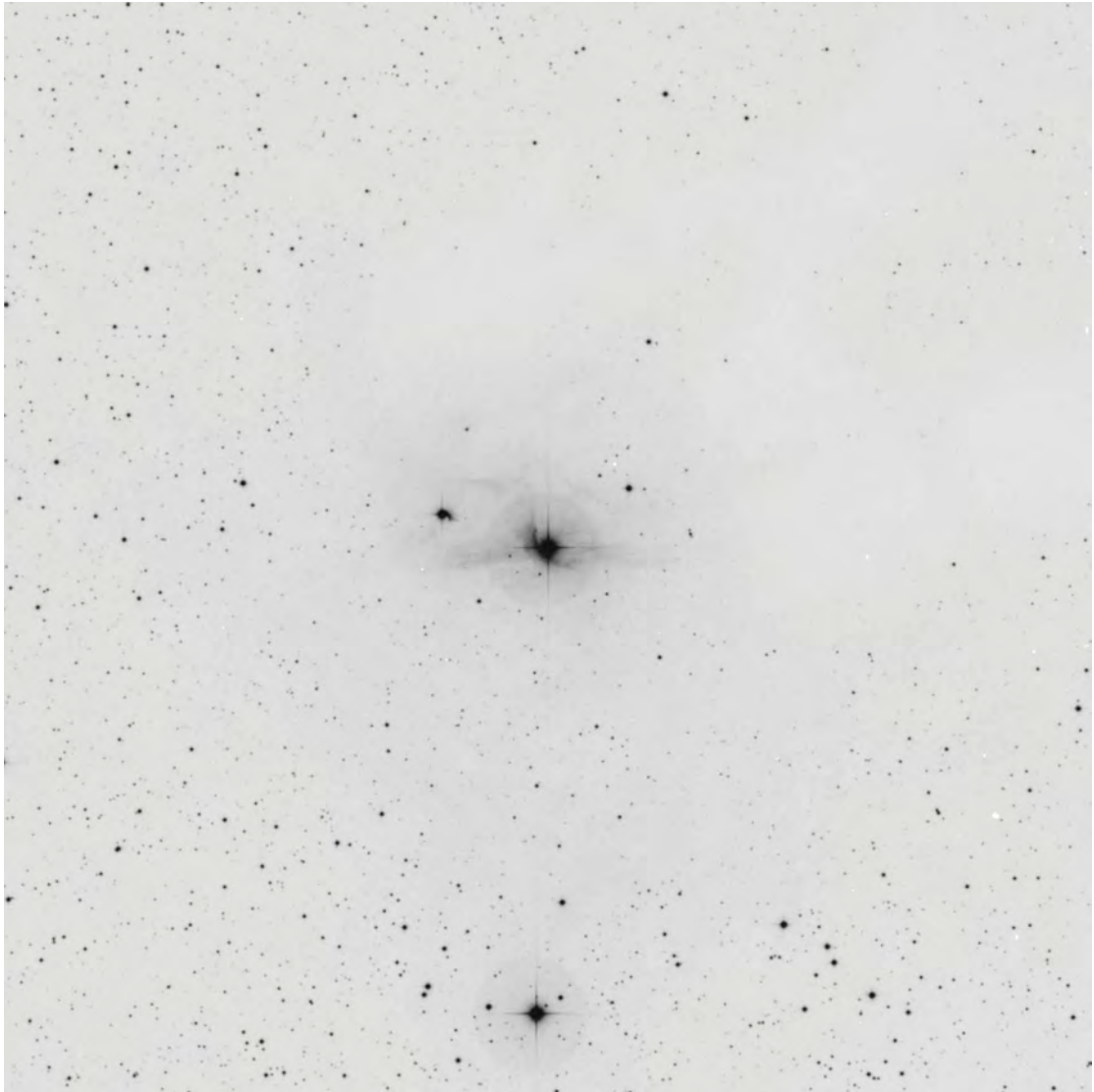


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
30	Cam	04 54 03.0	+66 20 34	4.30	II	VF	ABS

VdB-31 in Auriga



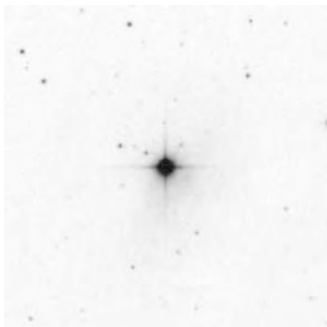
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
31	Aur	04	55	45.8	+30	33	04	6.80	I	M	STR

VdB-32 in Auriga

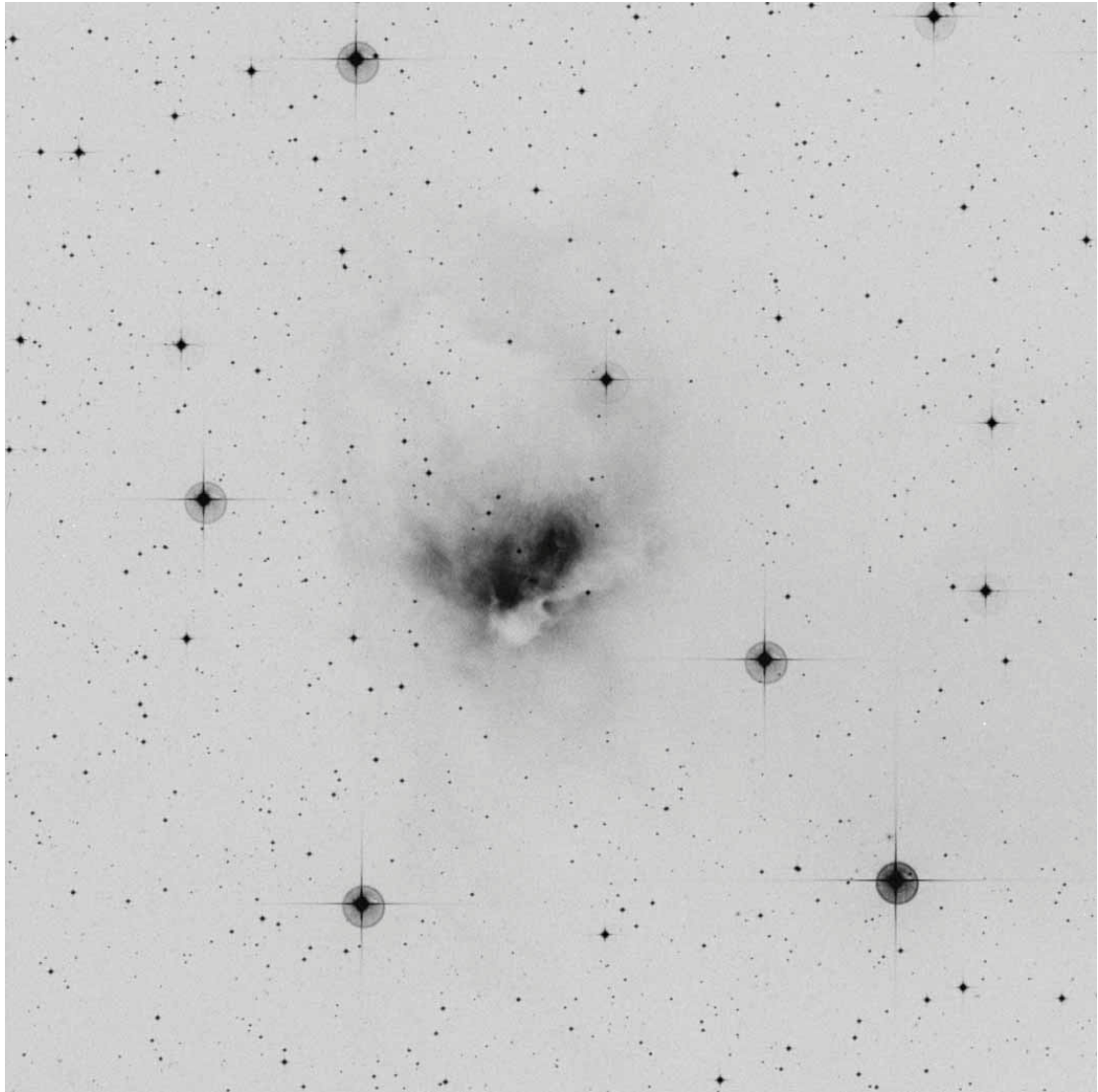


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
32	Aur	05 02 21.7	+44 16 10	9.12	I-II	F	WK

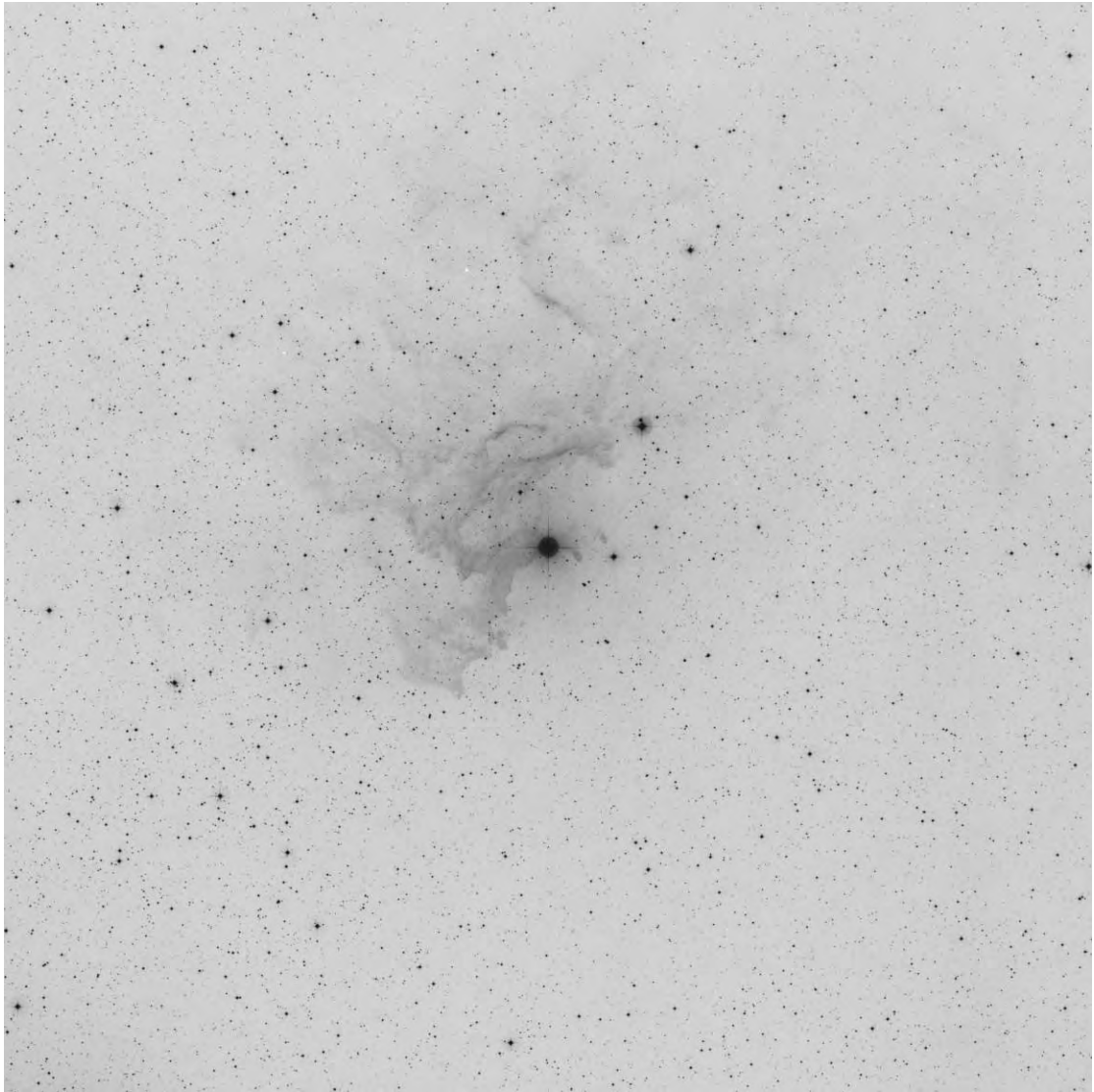
VdB-33 in Orion



30'X30'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
33	Ori	05	06	51.1	-03 20 00	10.12	I	BR	STR

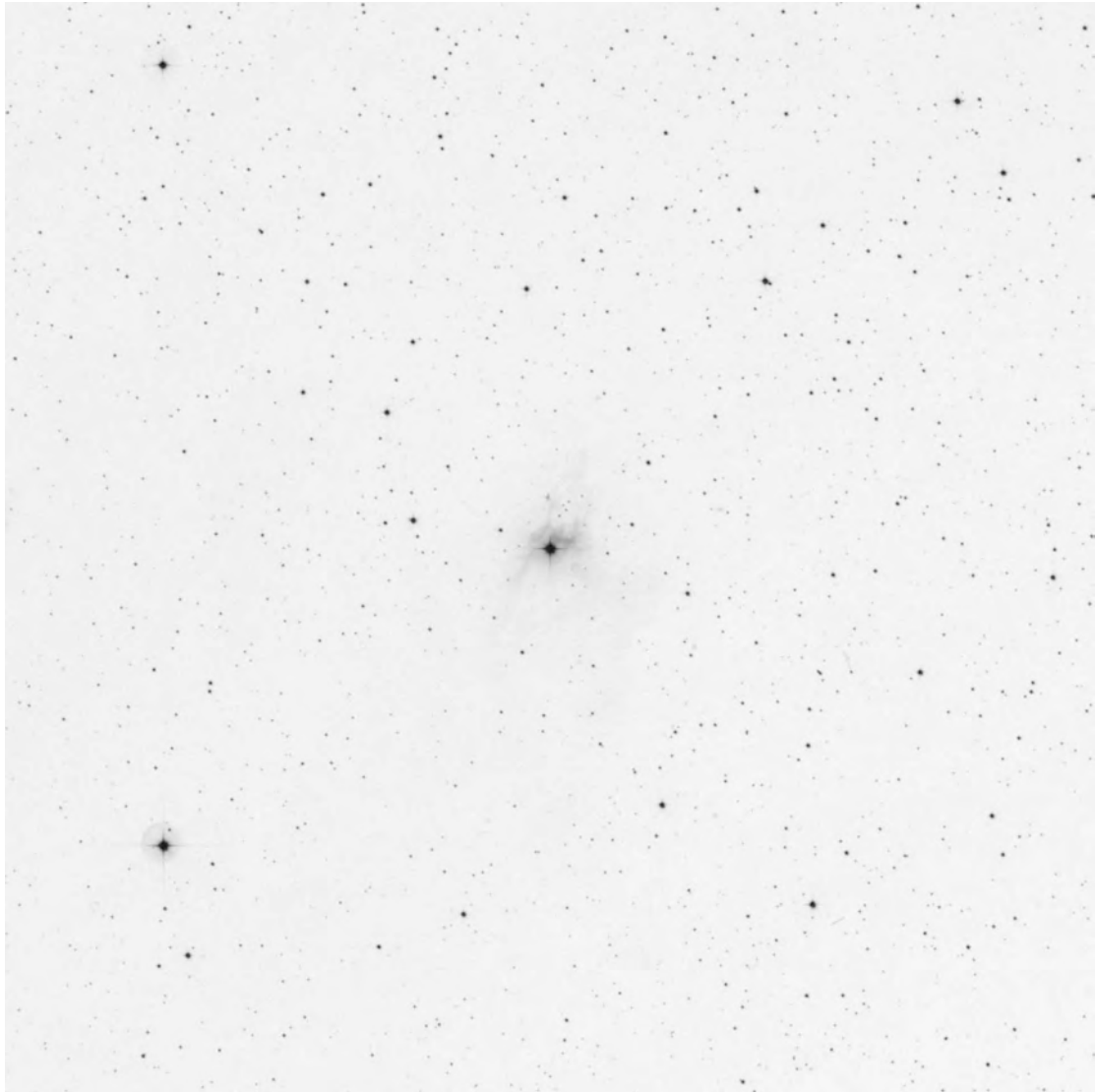
VdB-34 in Auriga



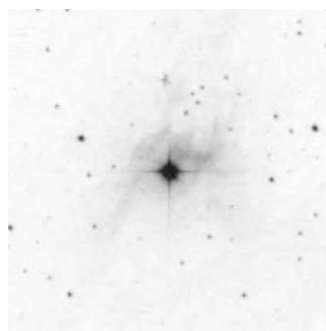
60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
34	Aur	05	16	18.1	+34	18	44	5.80	I	BR	WK

VdB-35 in Orion

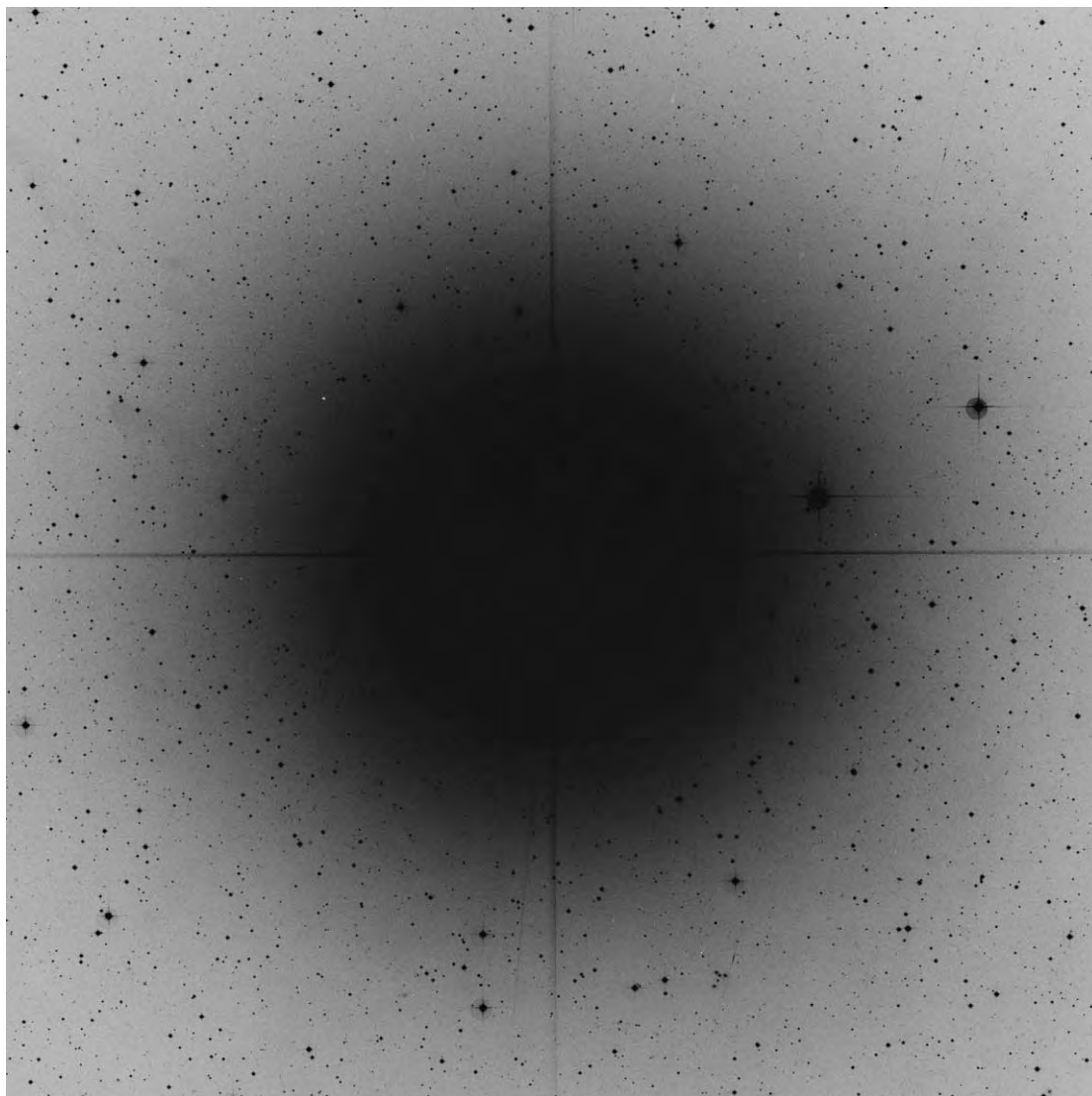


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
35	Ori	05 14 59.4	+13 00 51	8.70	I	M	WK

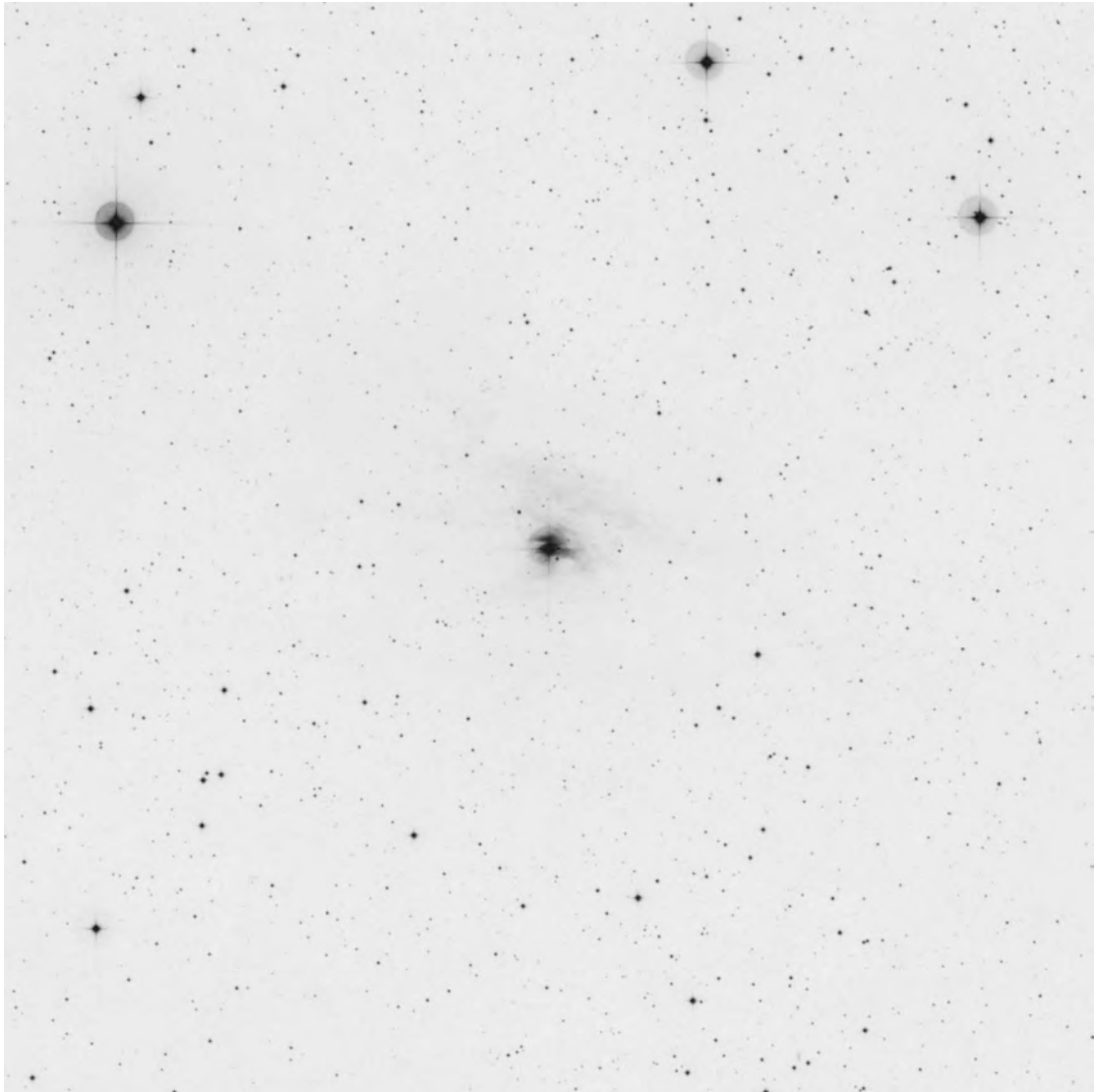
VdB-36 in Orion



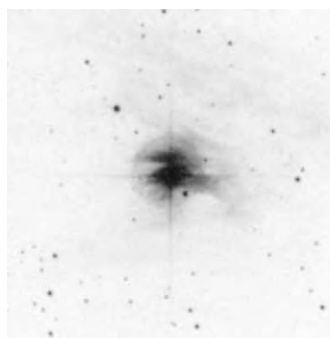
60'X60'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
36	Ori	05 14 32.3	-08 12 06	0.15	II	M	ABS

VdB-37 in Orion

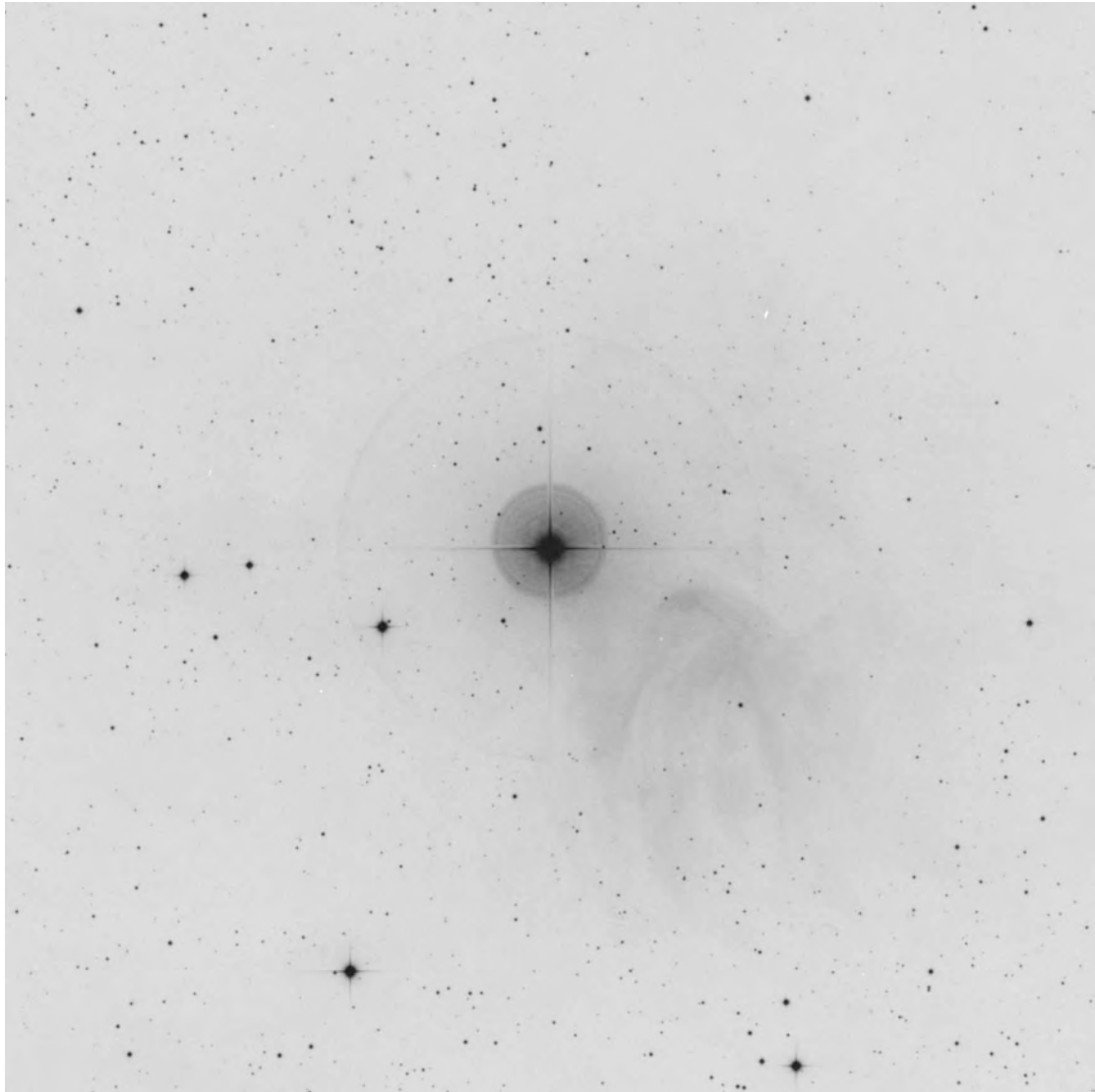


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
37	Ori	05 18 04.1	+13 25 04	8.20	I	BR	WK

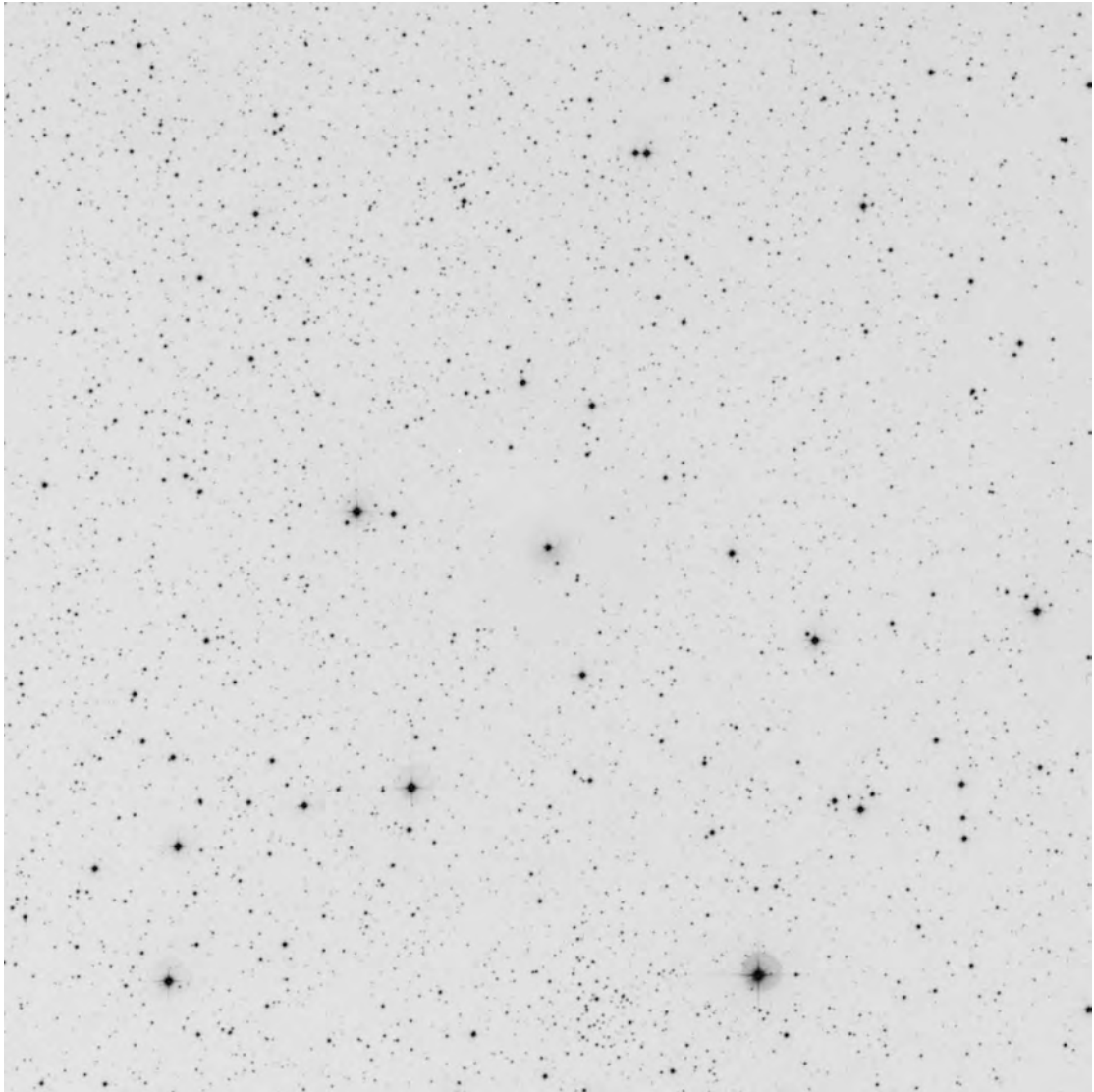
VdB-38 in Orion



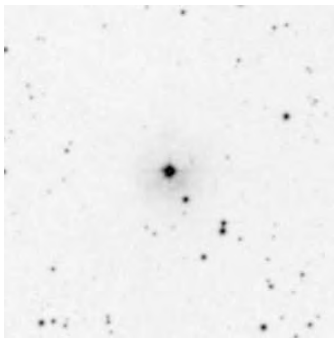
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
38	Ori	05	21	43.6	+08	25	43	5.77	II	M	MOD

VdB-39 in Auriga

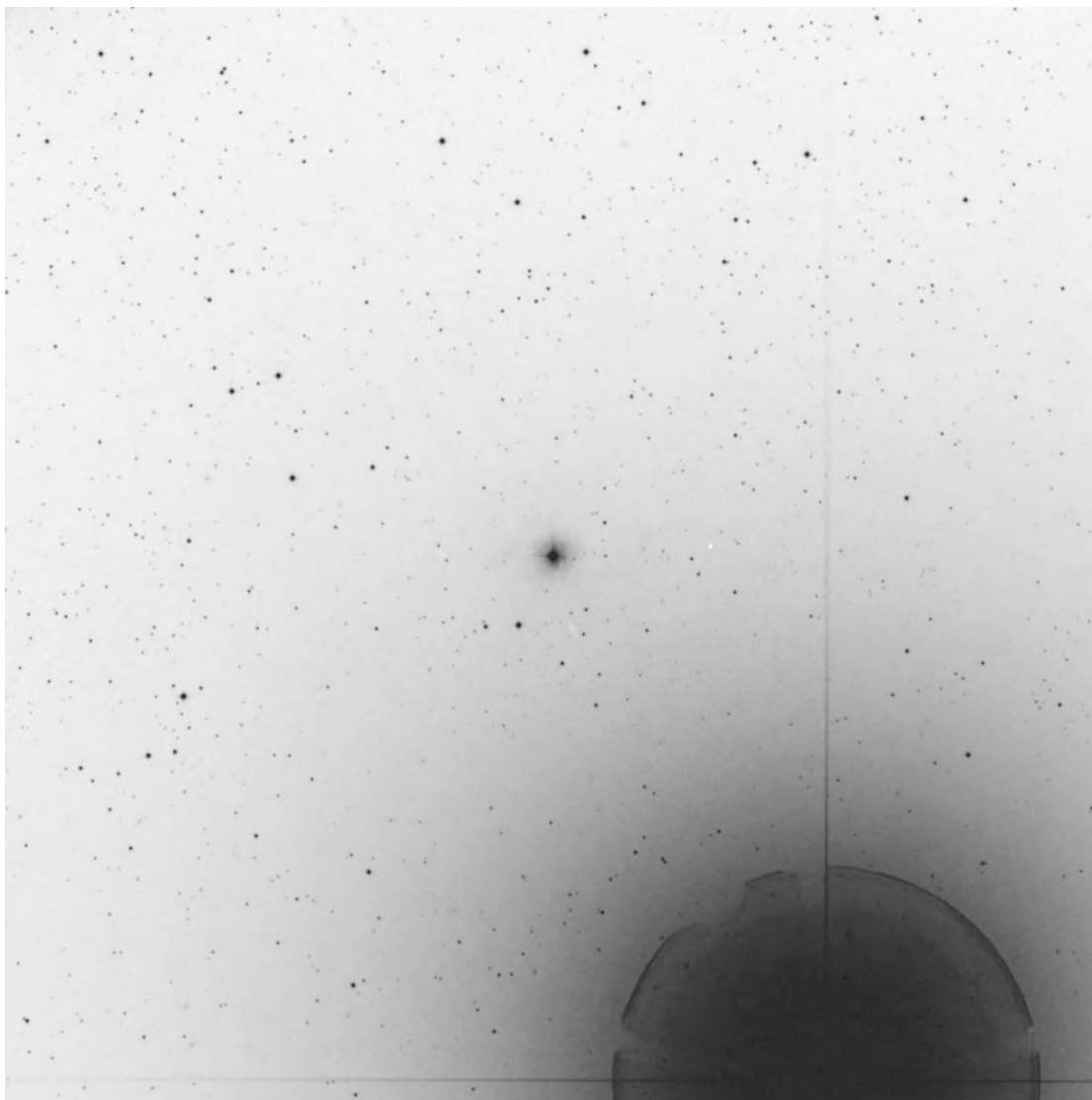


30'X30'

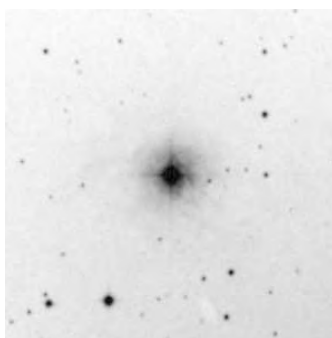


VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
39	Aur	05	24 29.5	+32	49 09	9.50	II	F	MOD

VdB-40 in Orion

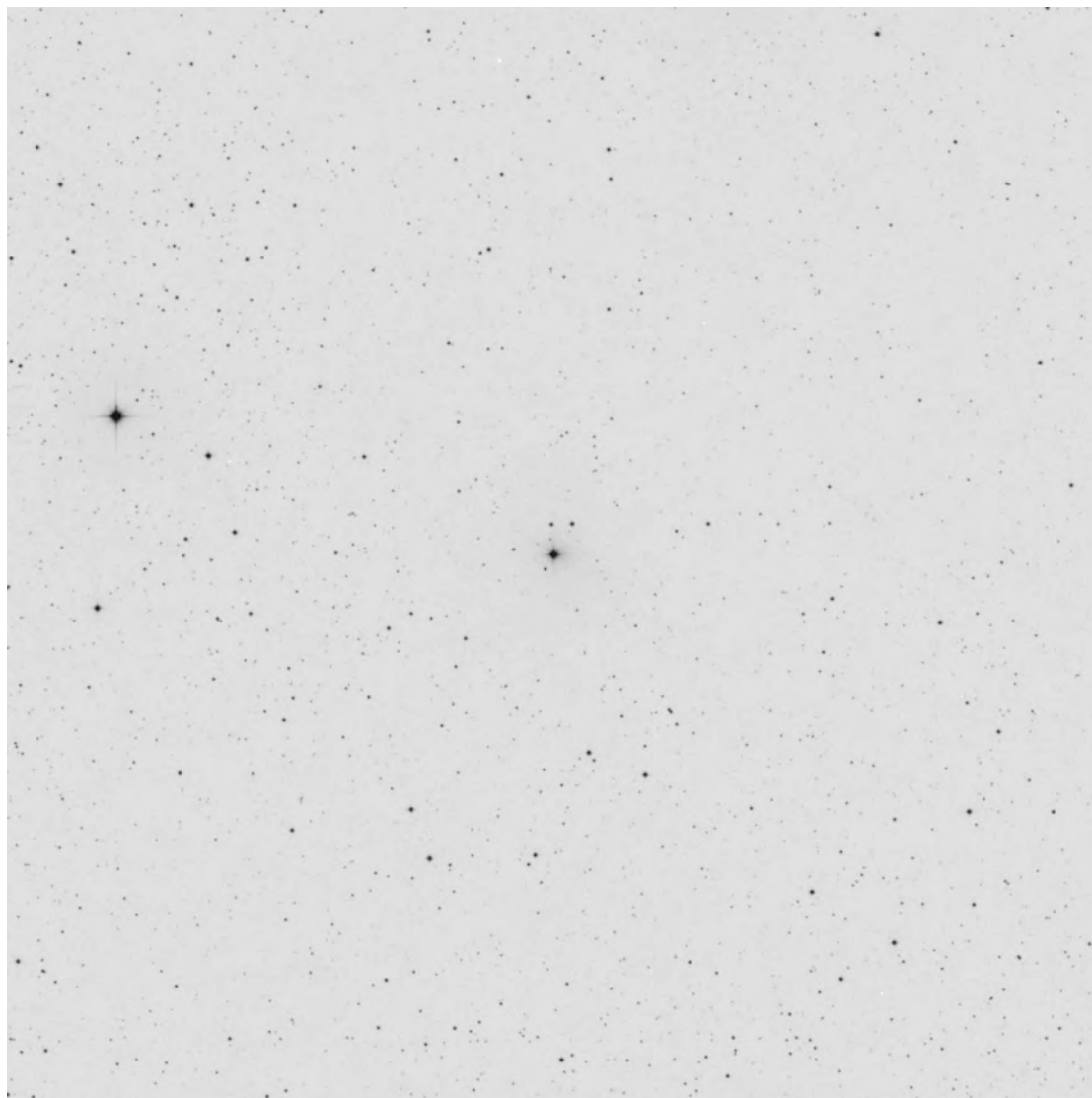


30'X30'

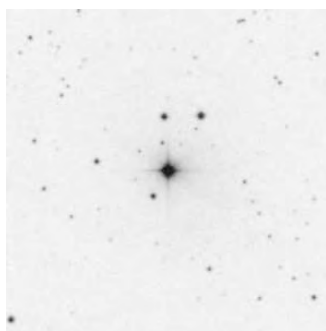


VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
40	Ori	05	25 38.1	+06	35 17	9.00	I	M	WK

VdB-41 in Taurus

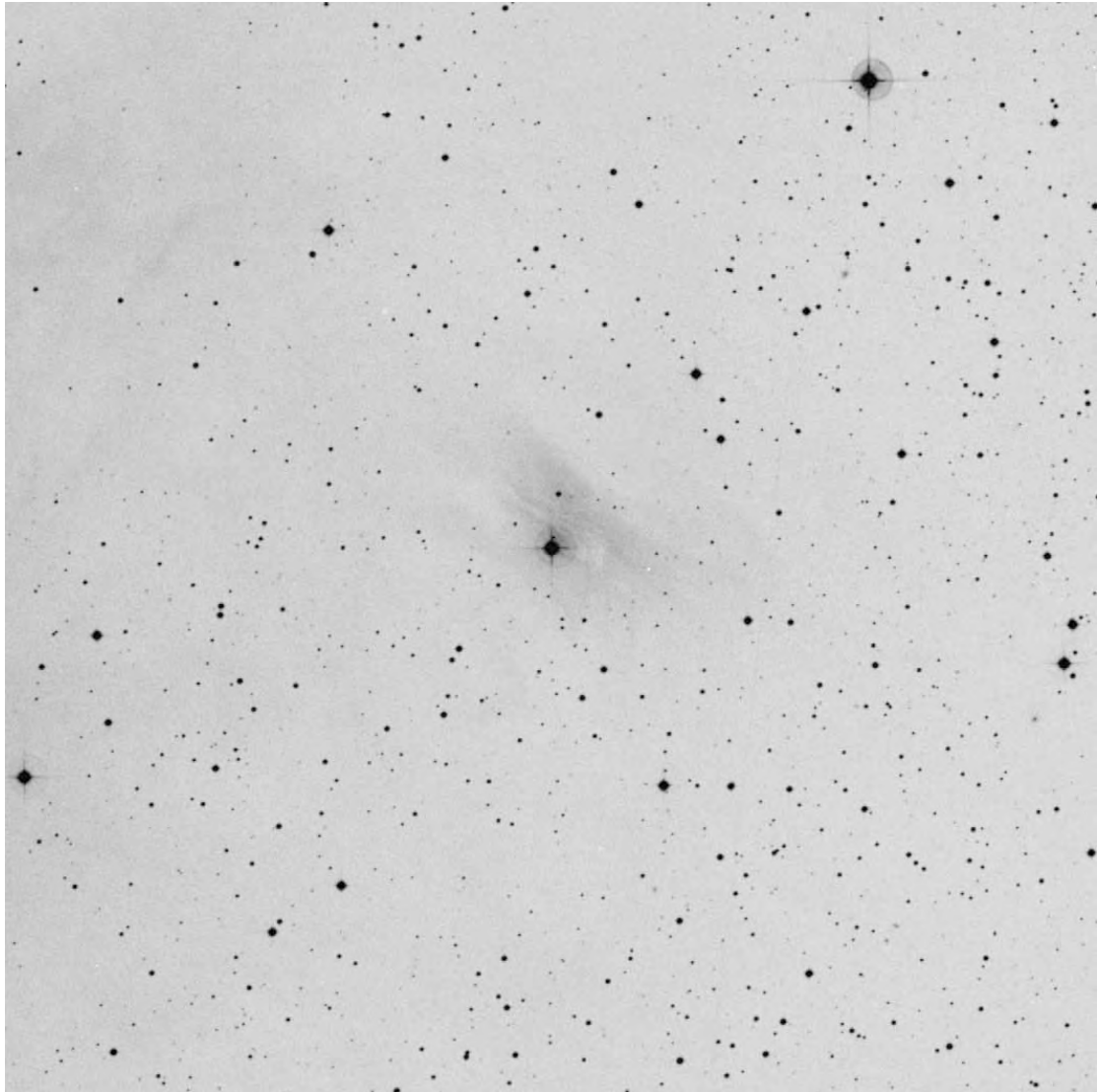


30'X30'



VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
41	Tau	05	29	10.9	+23	41	40	9.30	I	VF	MOD

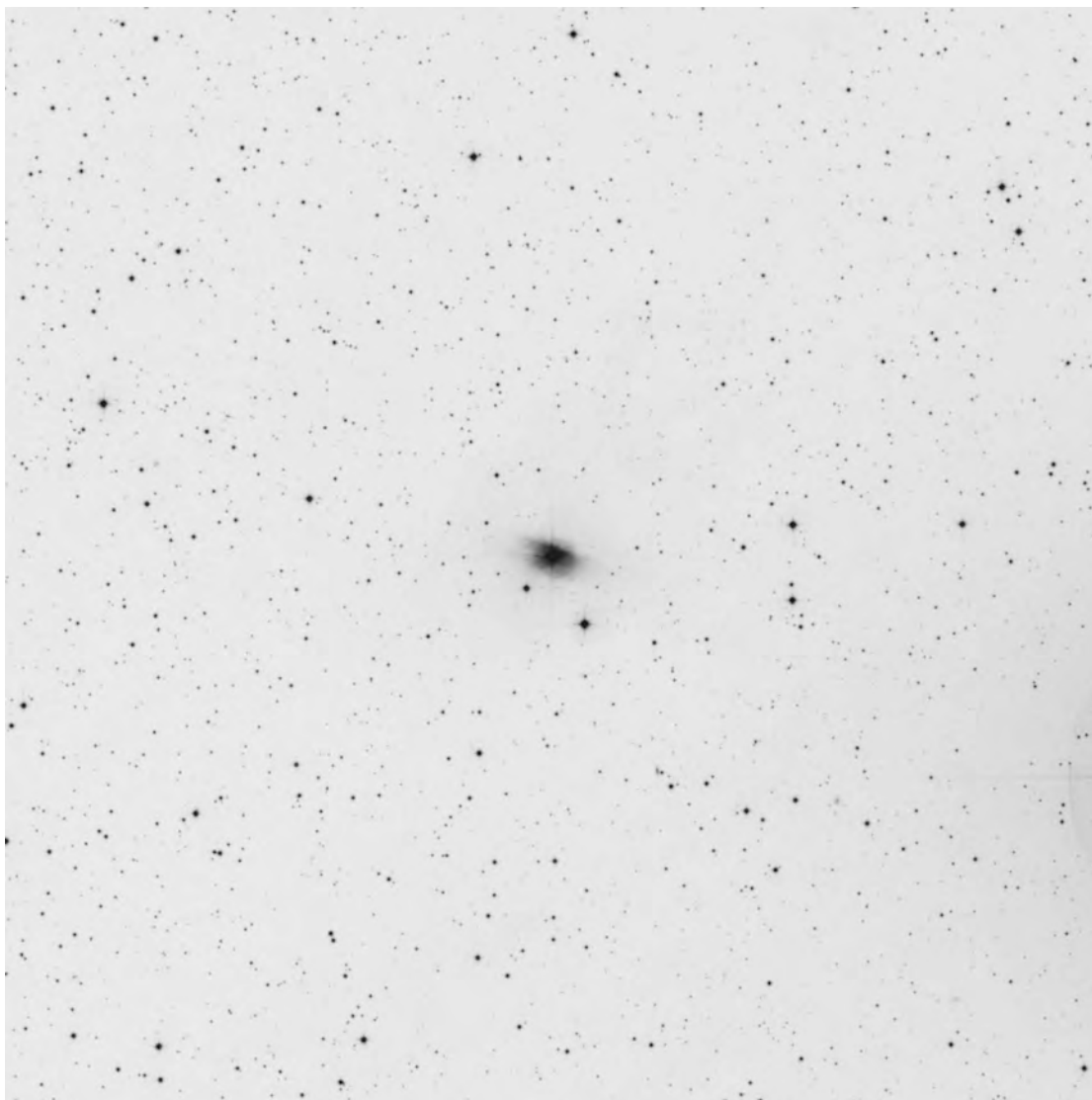
VdB-42 in Orion



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
42	Ori	05	31	18.4	-05	42	14	9.46	II	F	MOD

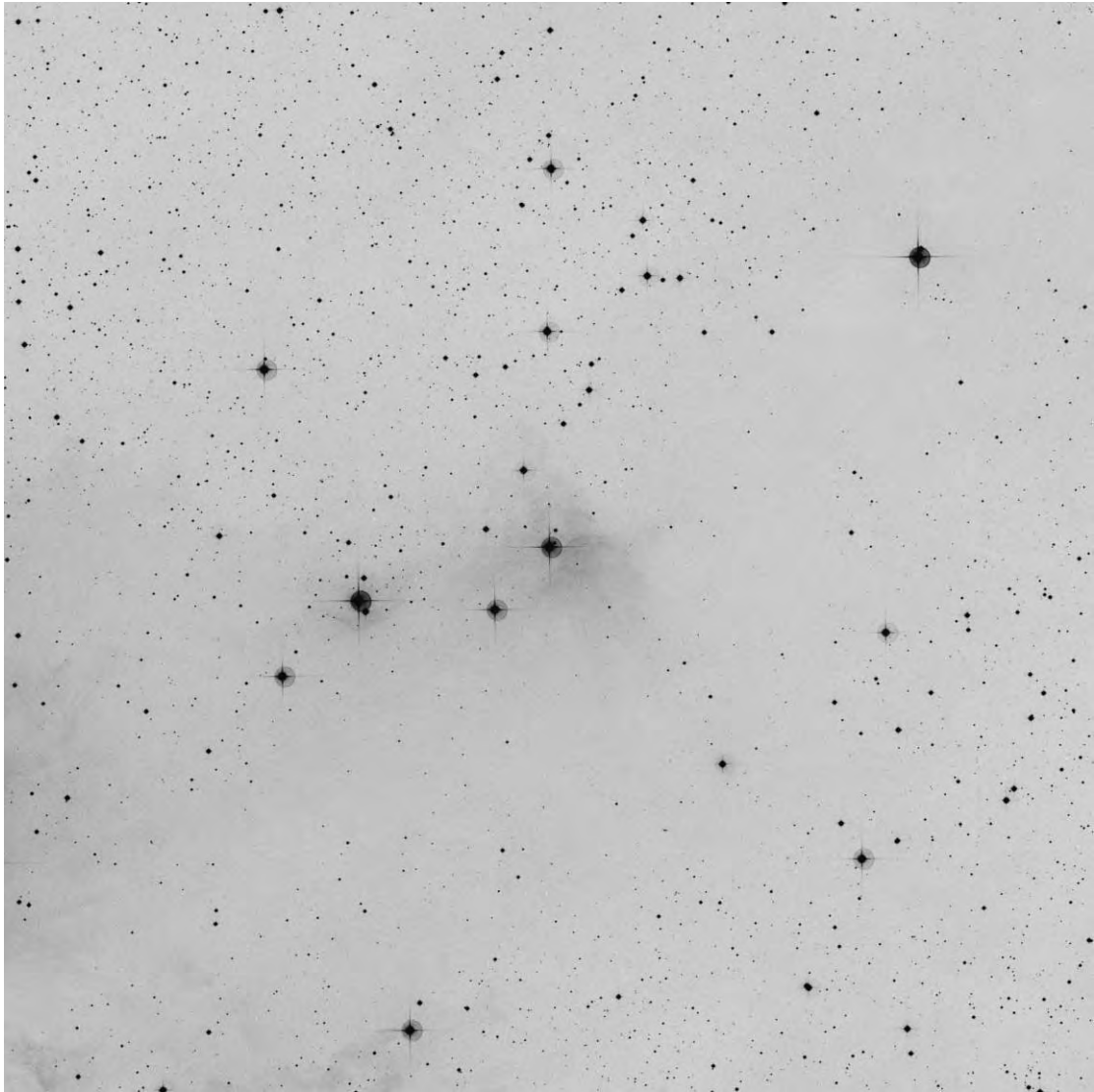
VdB-43 in Orion



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
43	Ori	05 32 07.4	+06 02 49	9.00	I	BR	WK

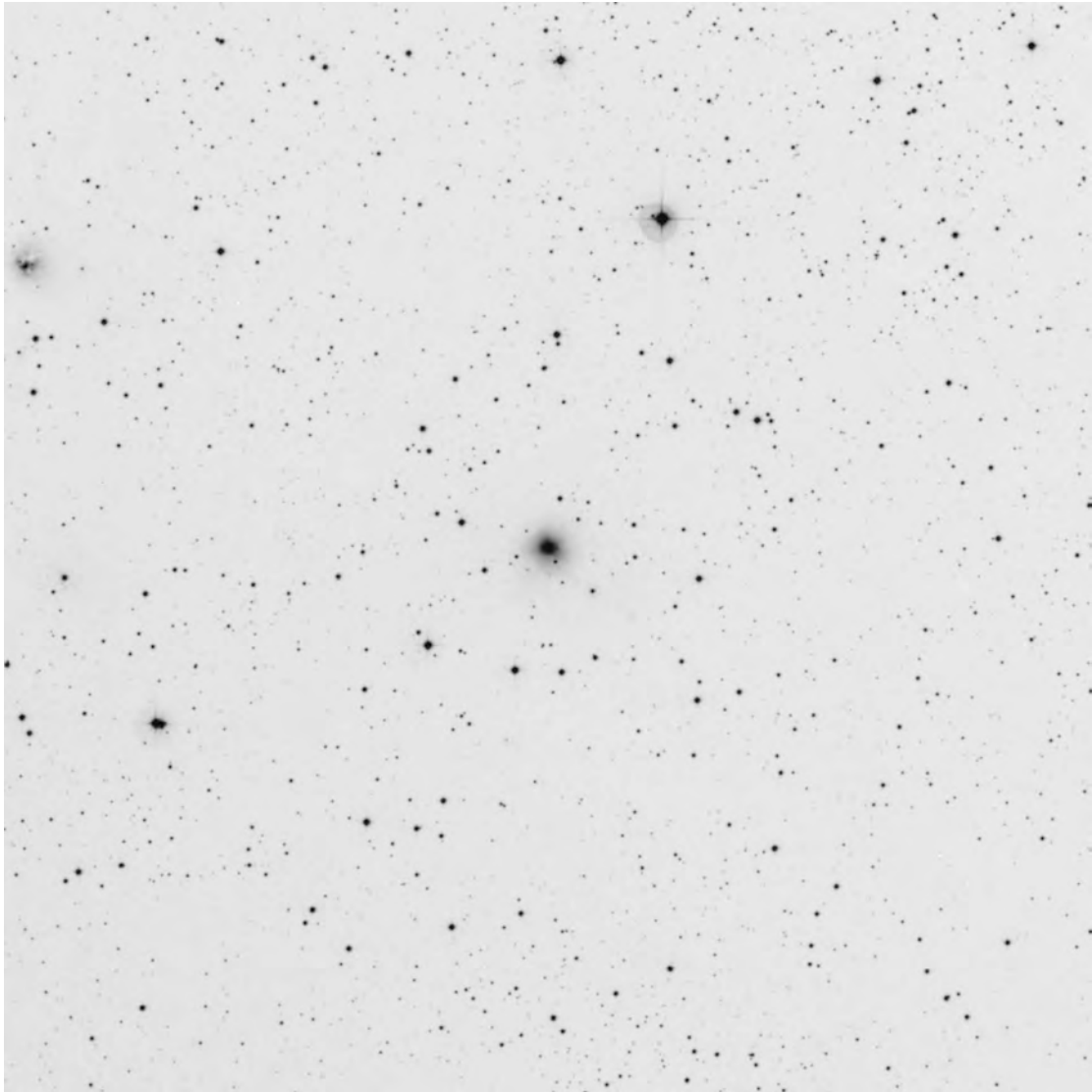
VdB-44 in Orion



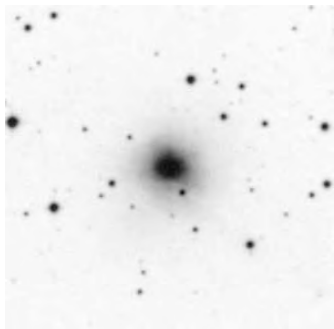
60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
44	Ori	05	32	14.8	-04	31	06	8.11	II	F	STR

VdB-45 in Auriga

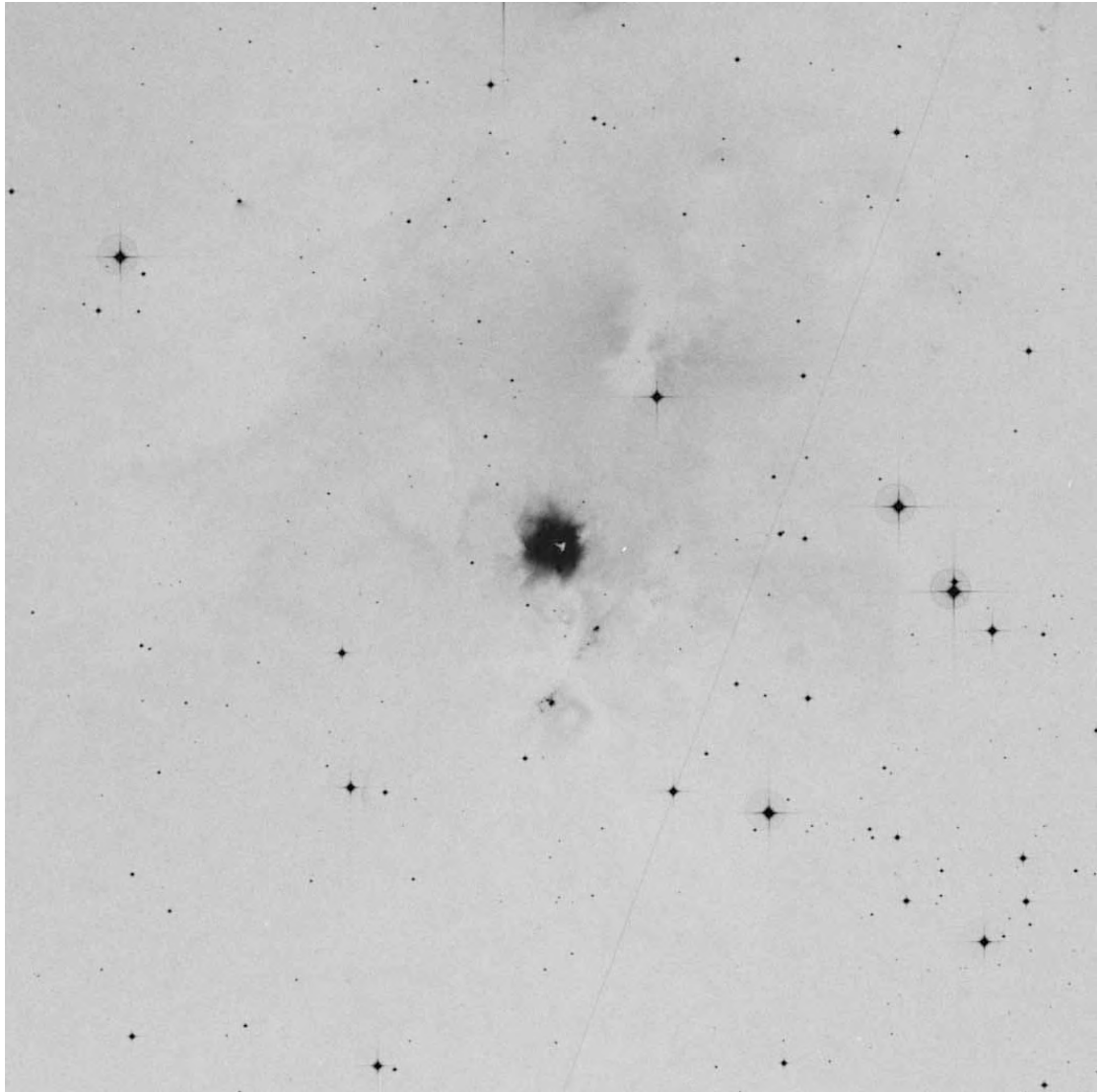


30'X30'



VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
45	Aur	05	36	40.8	+31	51	16	9.50	I	BR	WK

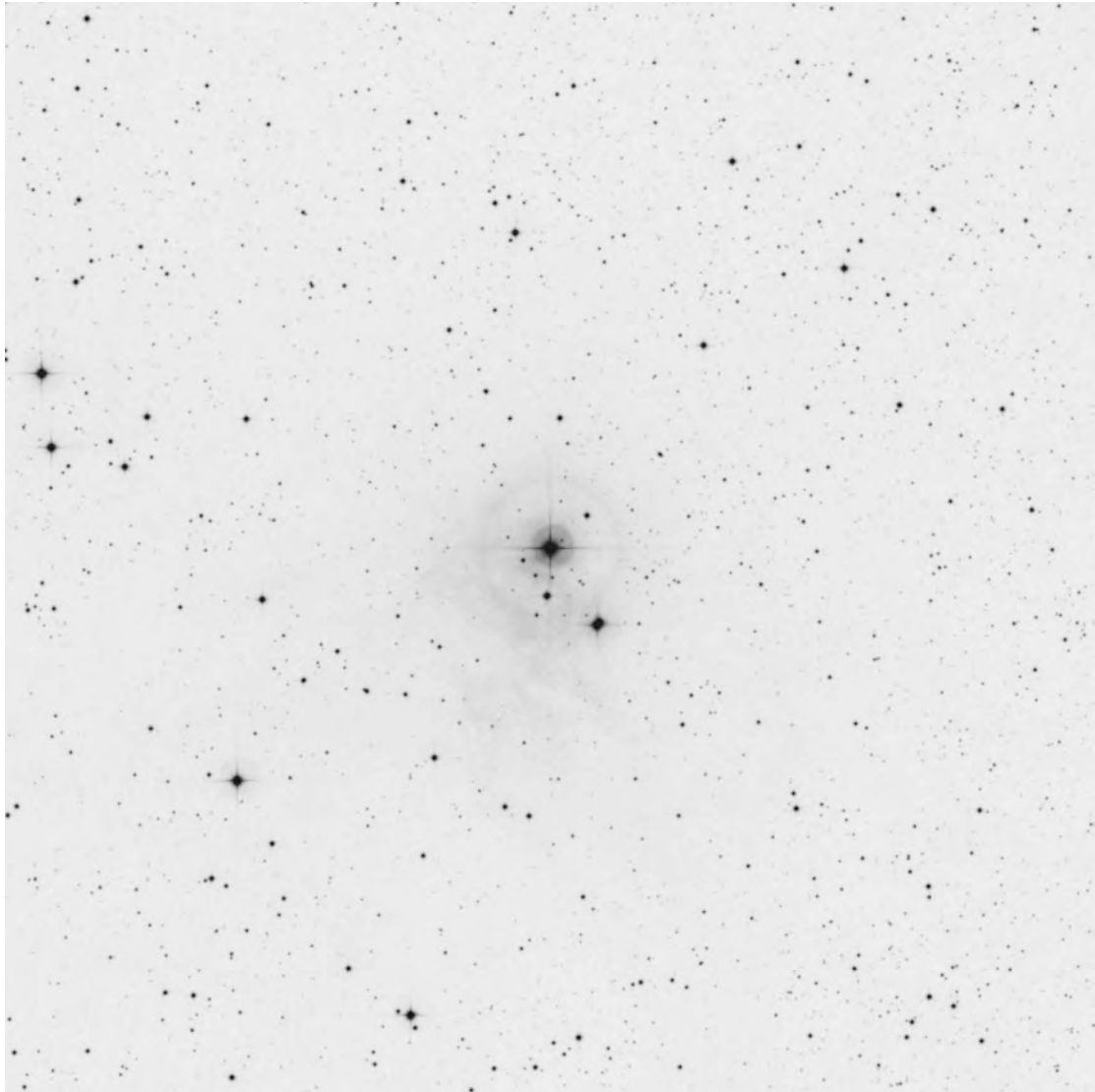
VdB-46 in Orion



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
46	Ori	05	36	25.4	-06	42	58	9.30	I	VBR	MOD

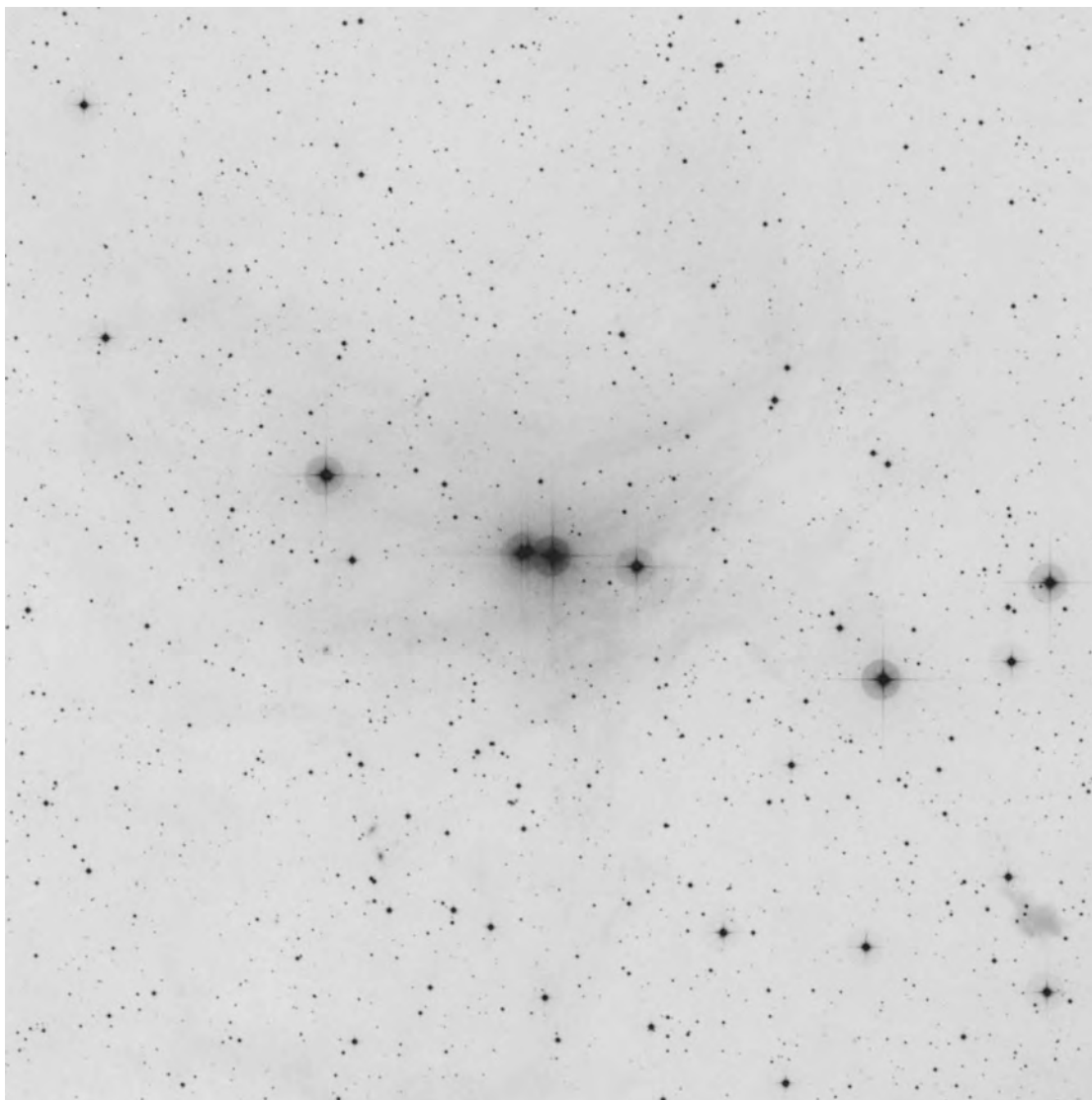
VdB-47 in Taurus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
47	Tau	05	39	14.8	+23	19	24	7.80	II	VF	MOD

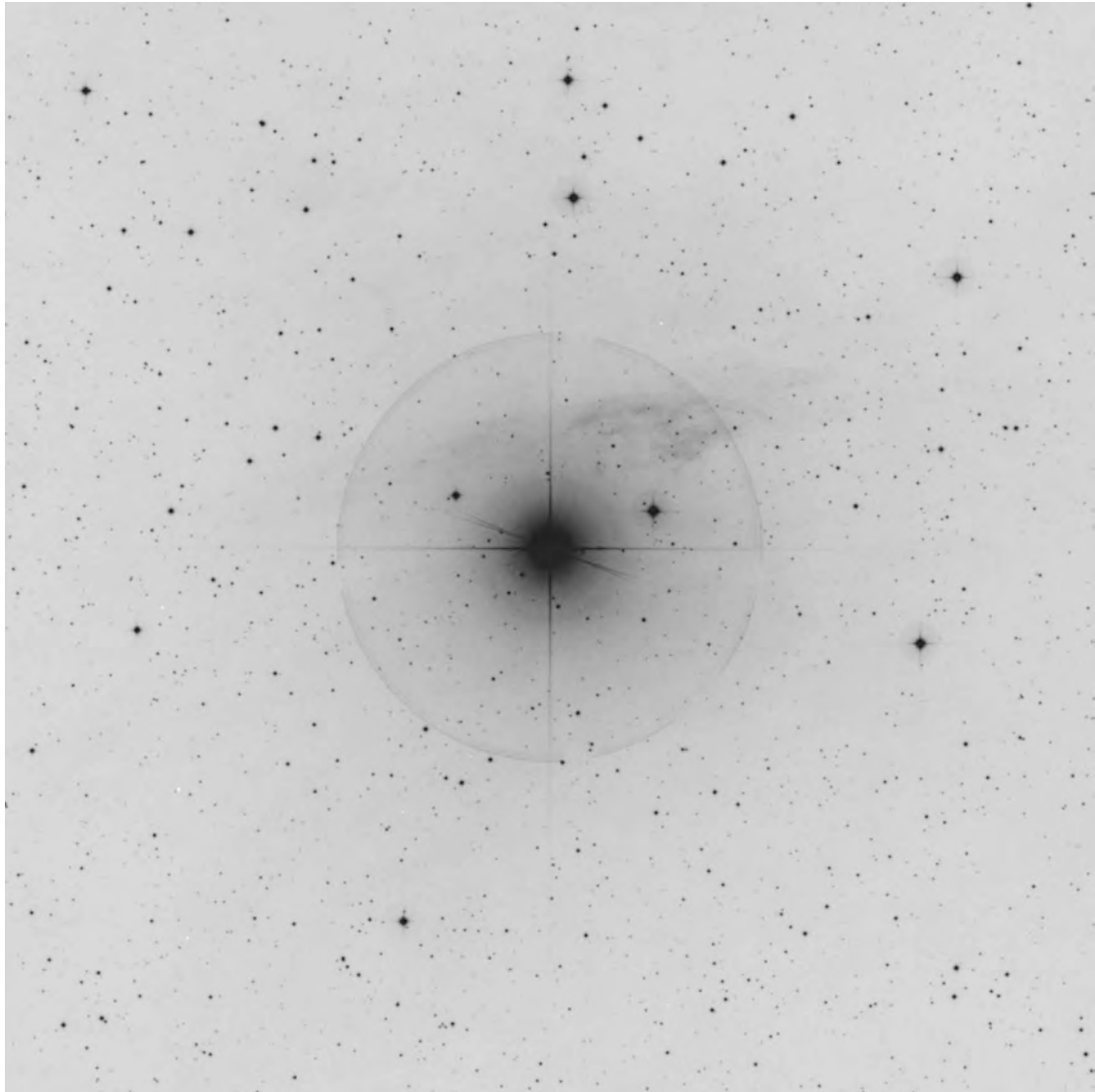
VdB-48 in Orion



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
48	Ori	05 38 06.5	-00 11 03	7.46	II	F	WK

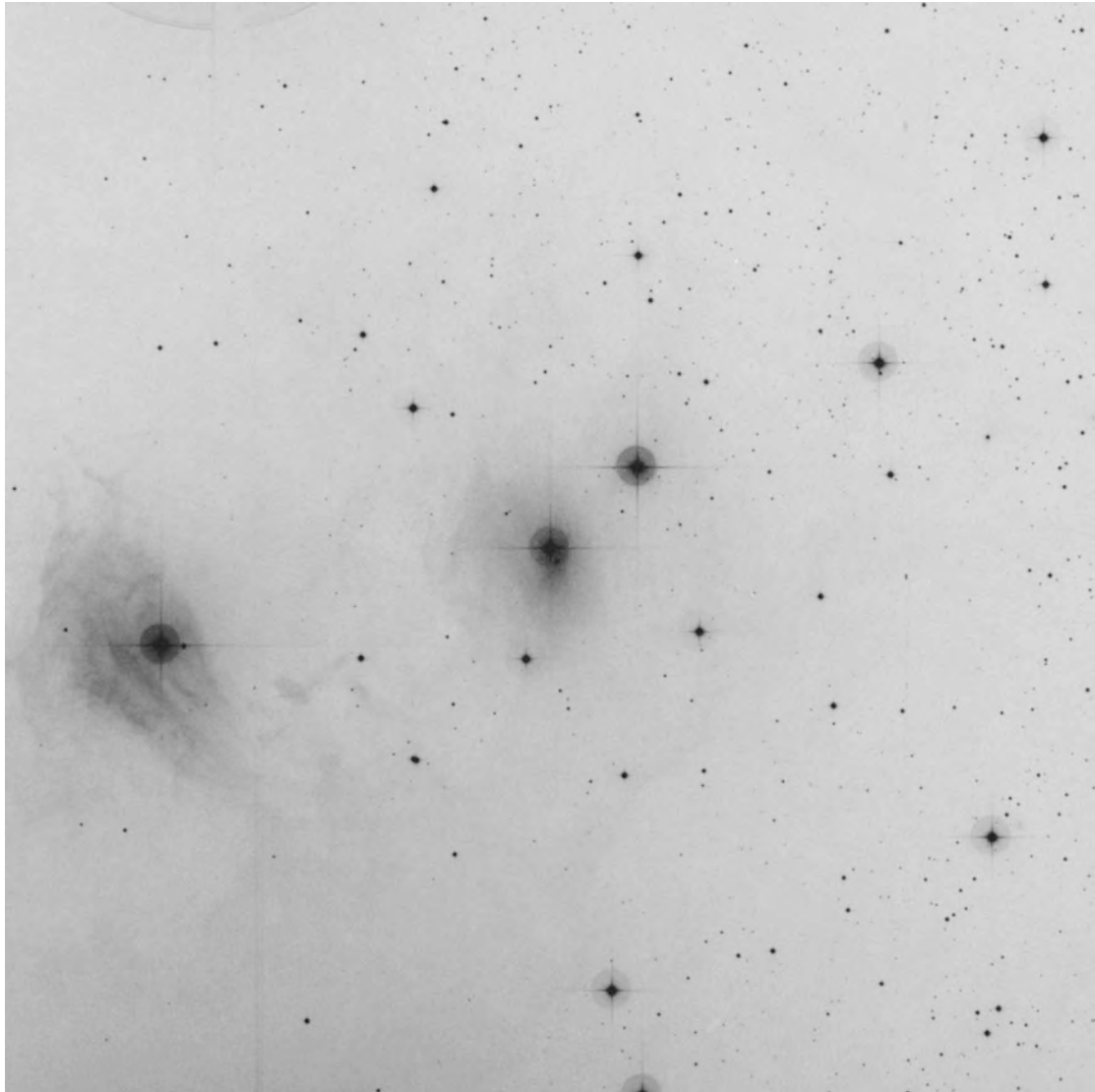
VdB-49 in Orion



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
49	Ori	05 39 11.1	+04 07 17	4.50	I	B	MOD

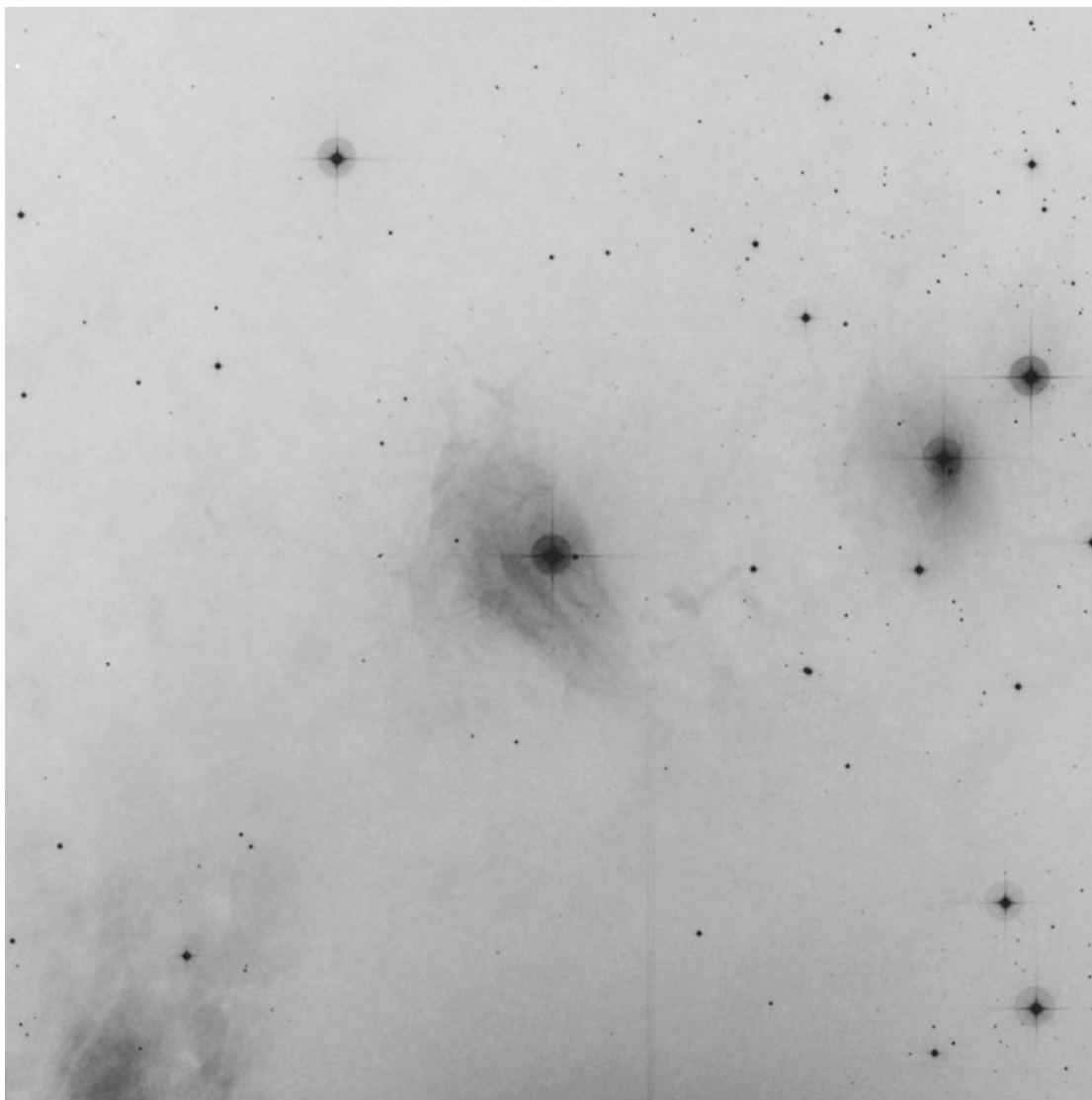
VdB-50 in Orion



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
50	Ori	05	40	13.5	-01	27	45	7.67	I	B	MOD

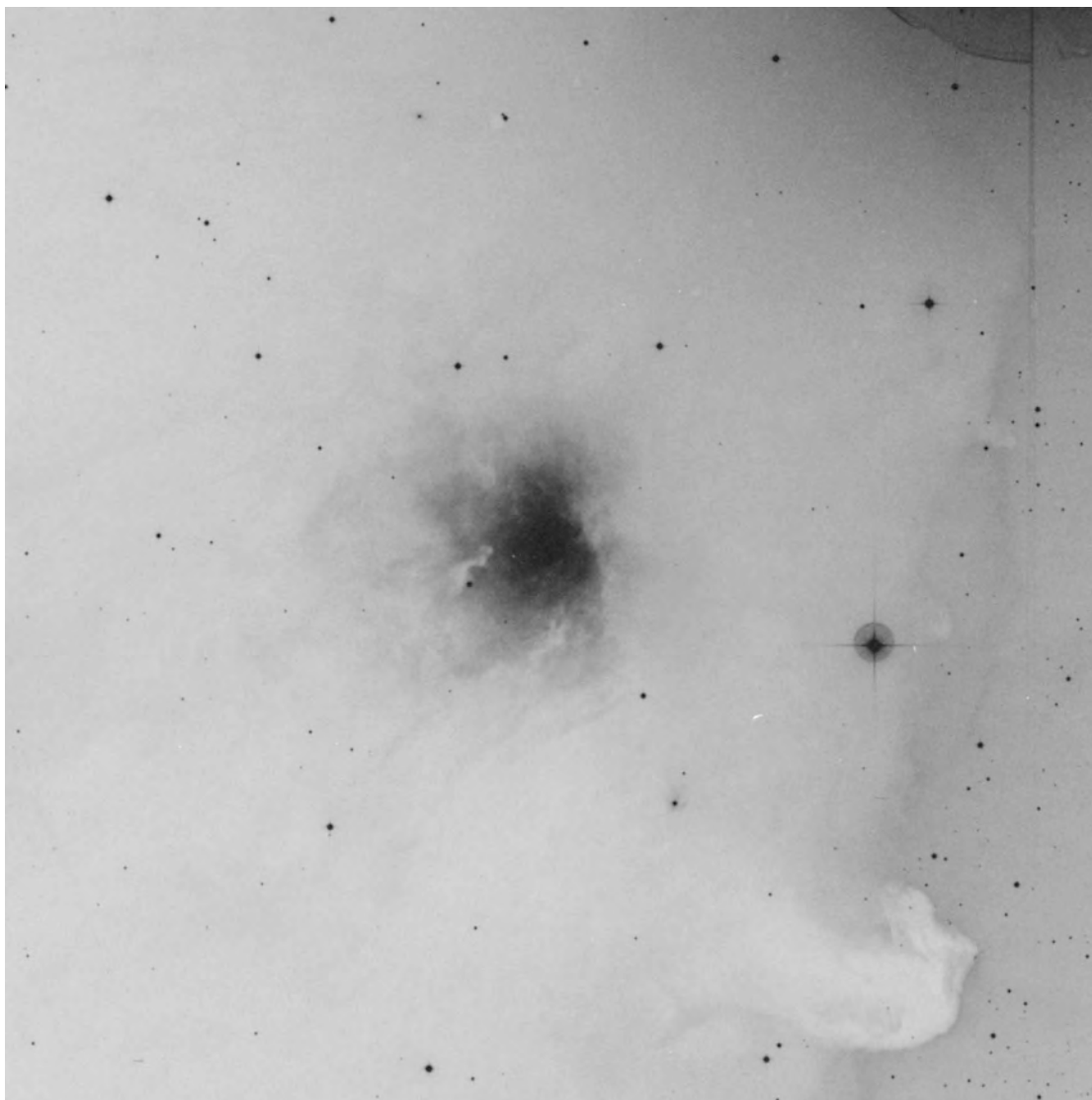
VdB-51 in Orion



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
51	Ori	05	40	56.4	-01	30	26	6.98	I	VBR	VSTR

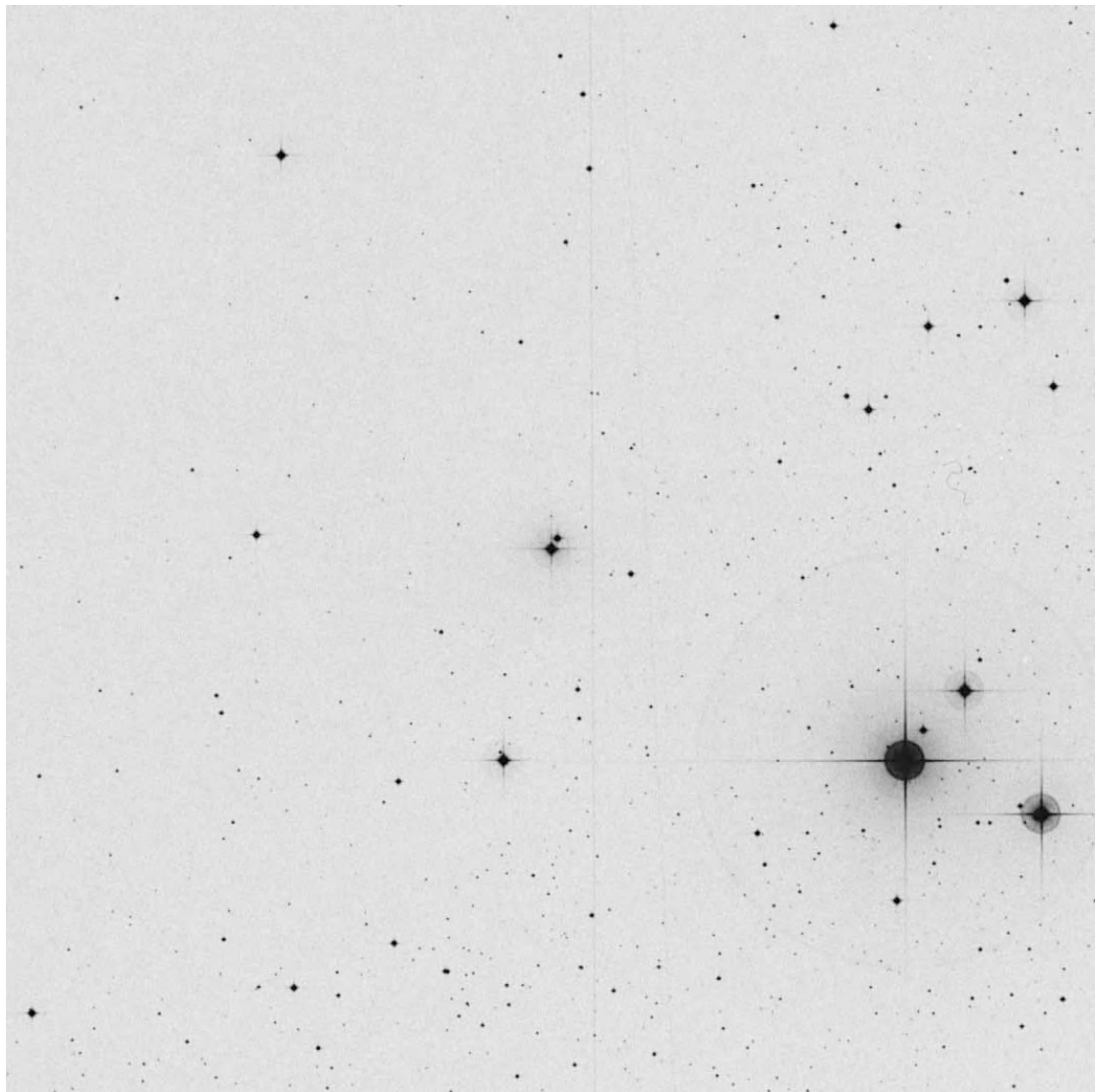
VdB-52 in Orion



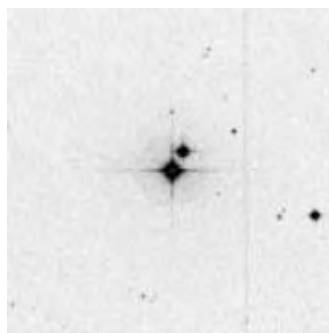
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
52	Ori	05	41	38.4	-02	15	32	7.82	I	VBR	STR

VdB-53 in Orion

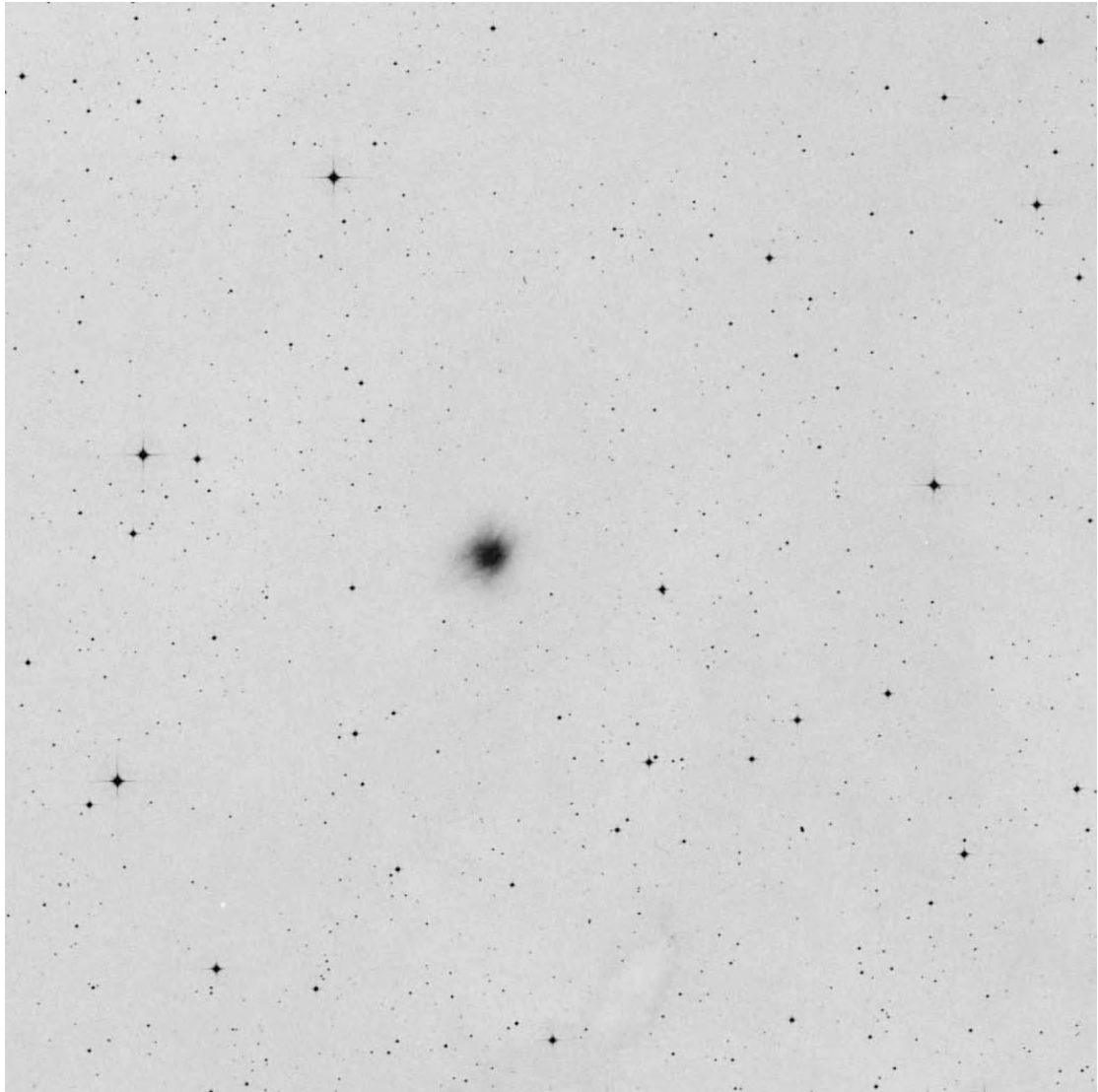


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
53	Ori	05 41 25.9	-10 18 42	9.50	I	VF	MOD

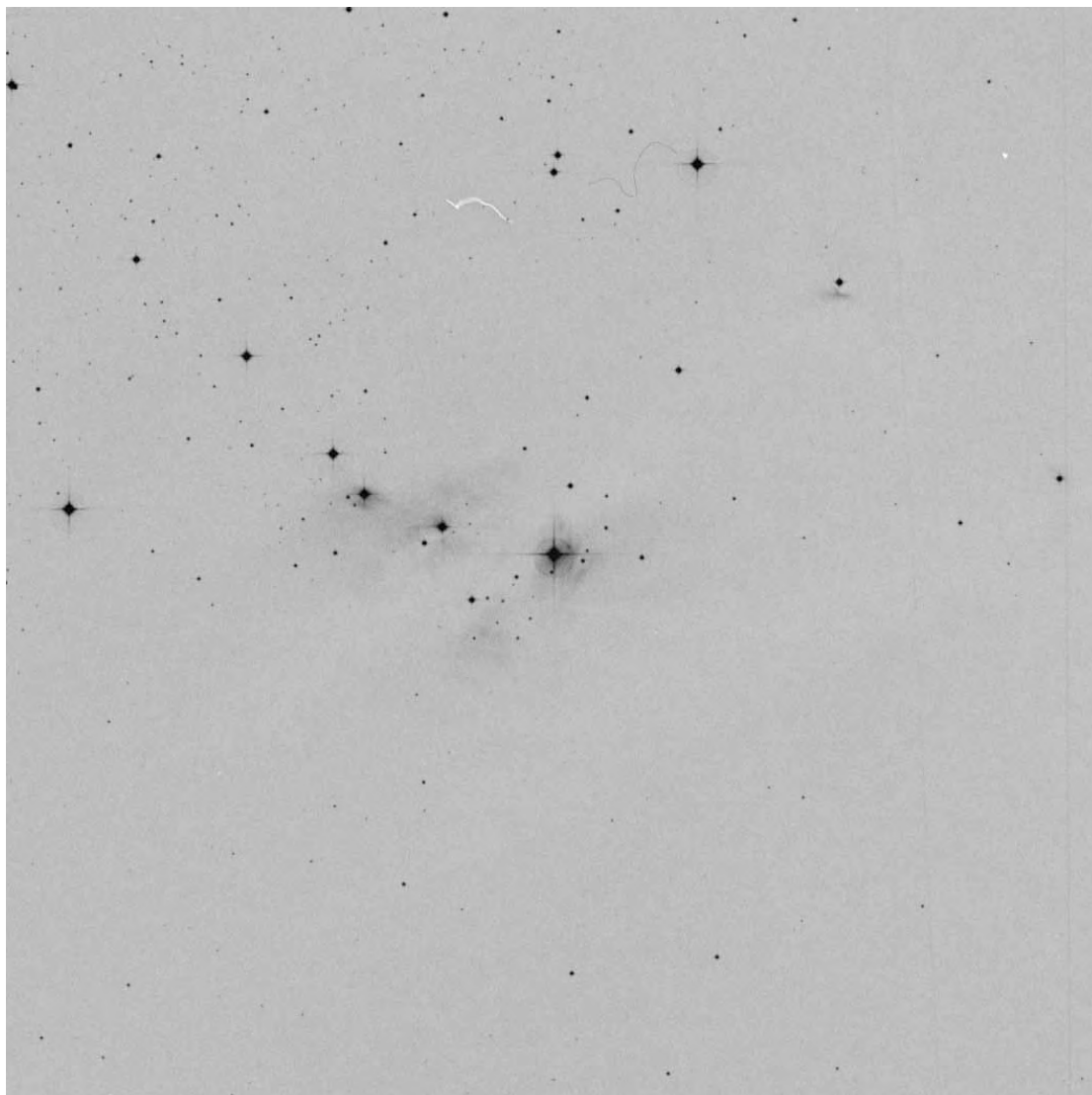
VdB-54 in Orion



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
54	Ori	05	41	48.0	-06	15	00	9.50	I	BR	STR

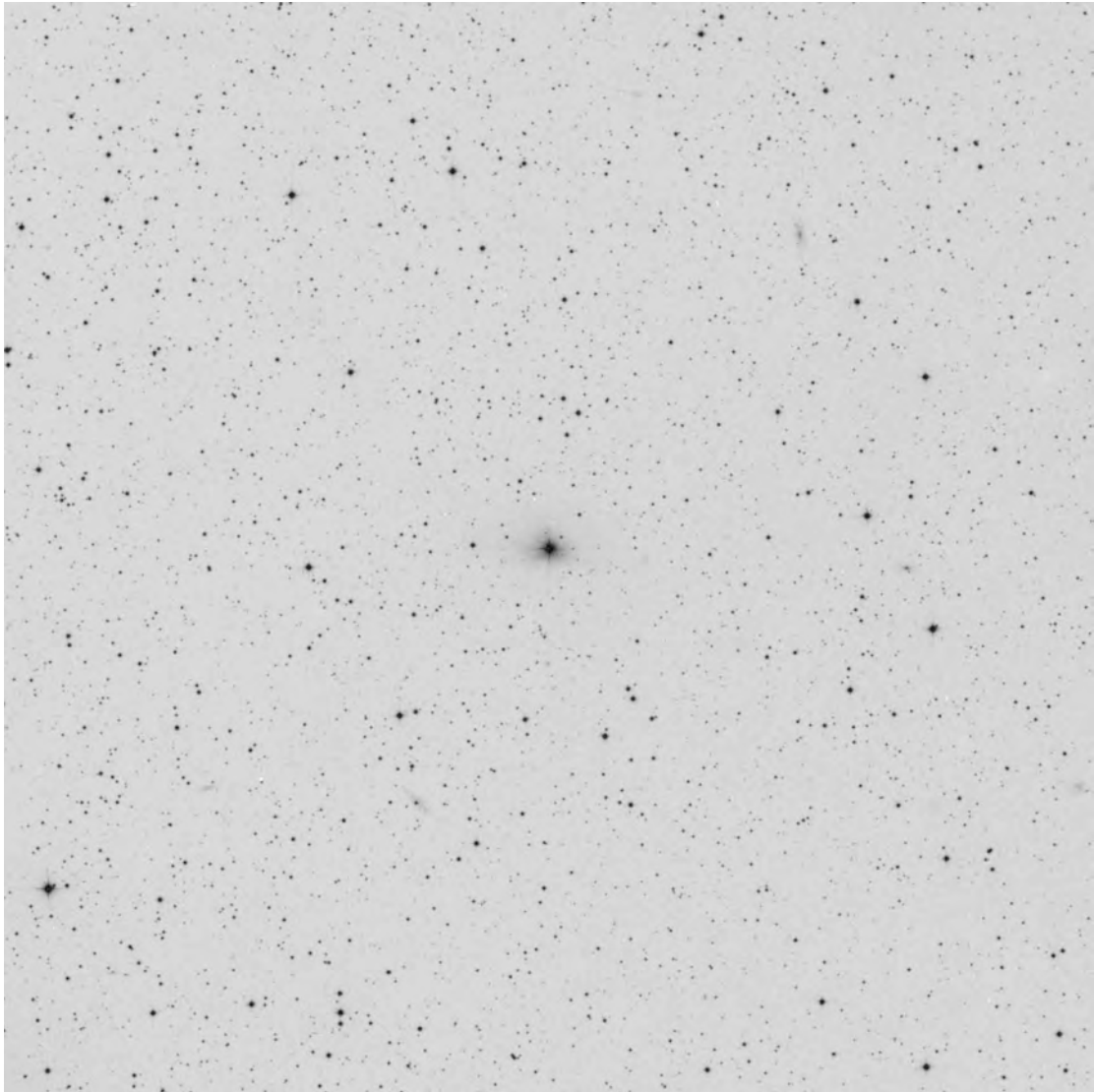
VdB-55 in Orion



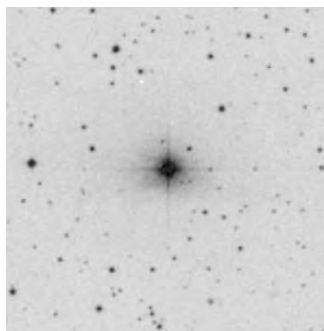
30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
55	Ori	05 42 21.3	-08 08 00	8.70	I	F	MOD

VdB-56 in Taurus

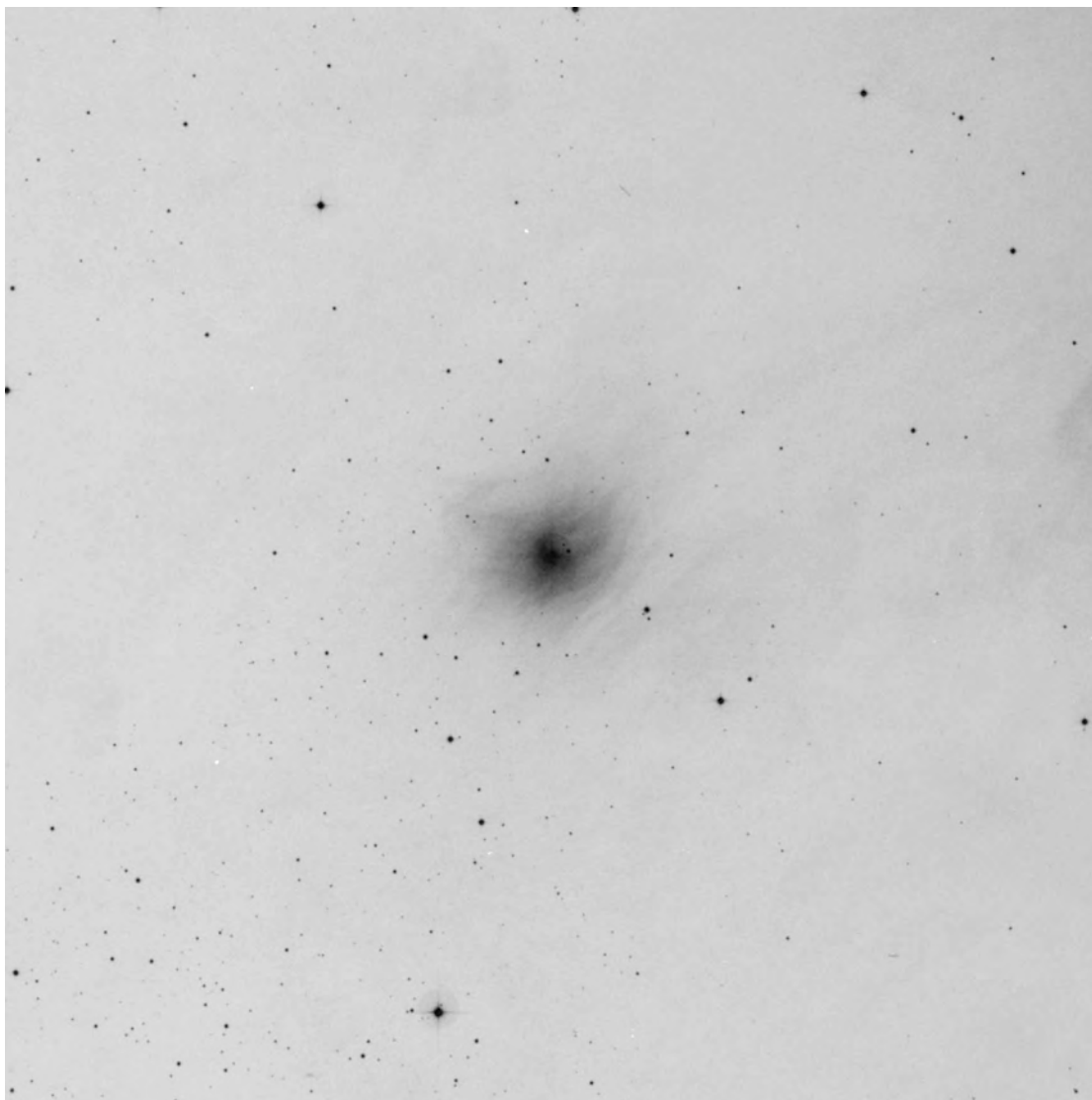


30'X30'



VdB	Con	RA		Dec			Vmag	Type	SurfBr	Absorb
56	Tau	05	43 43.4	+16	21 31		9.00	I	BR	WK

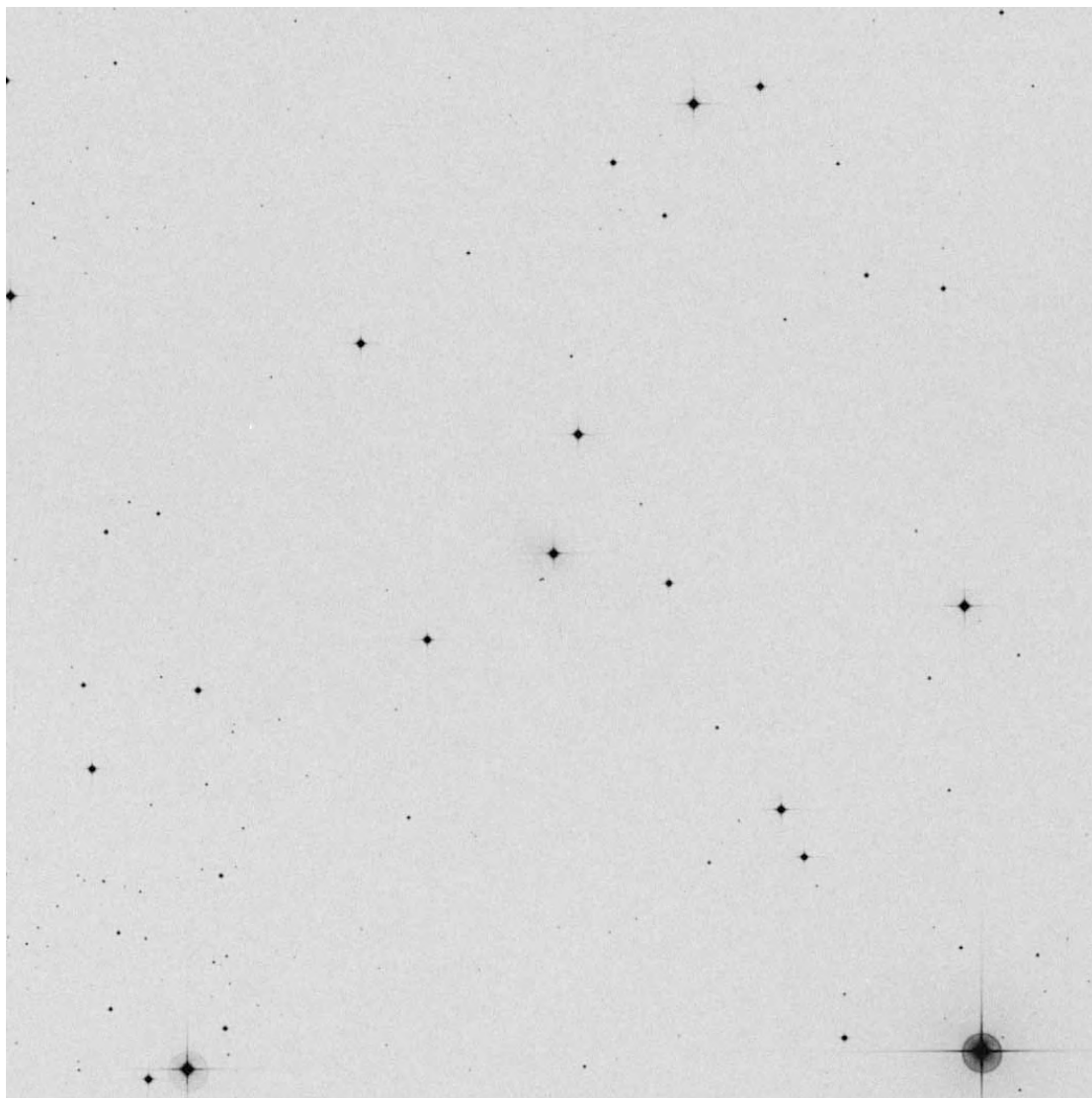
VdB-57 in Orion



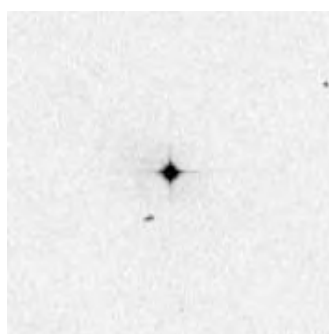
30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
57	Ori	05 43 00.6	-02 18 45	8.30	I	VBR	MOD

VdB-58 in Orion

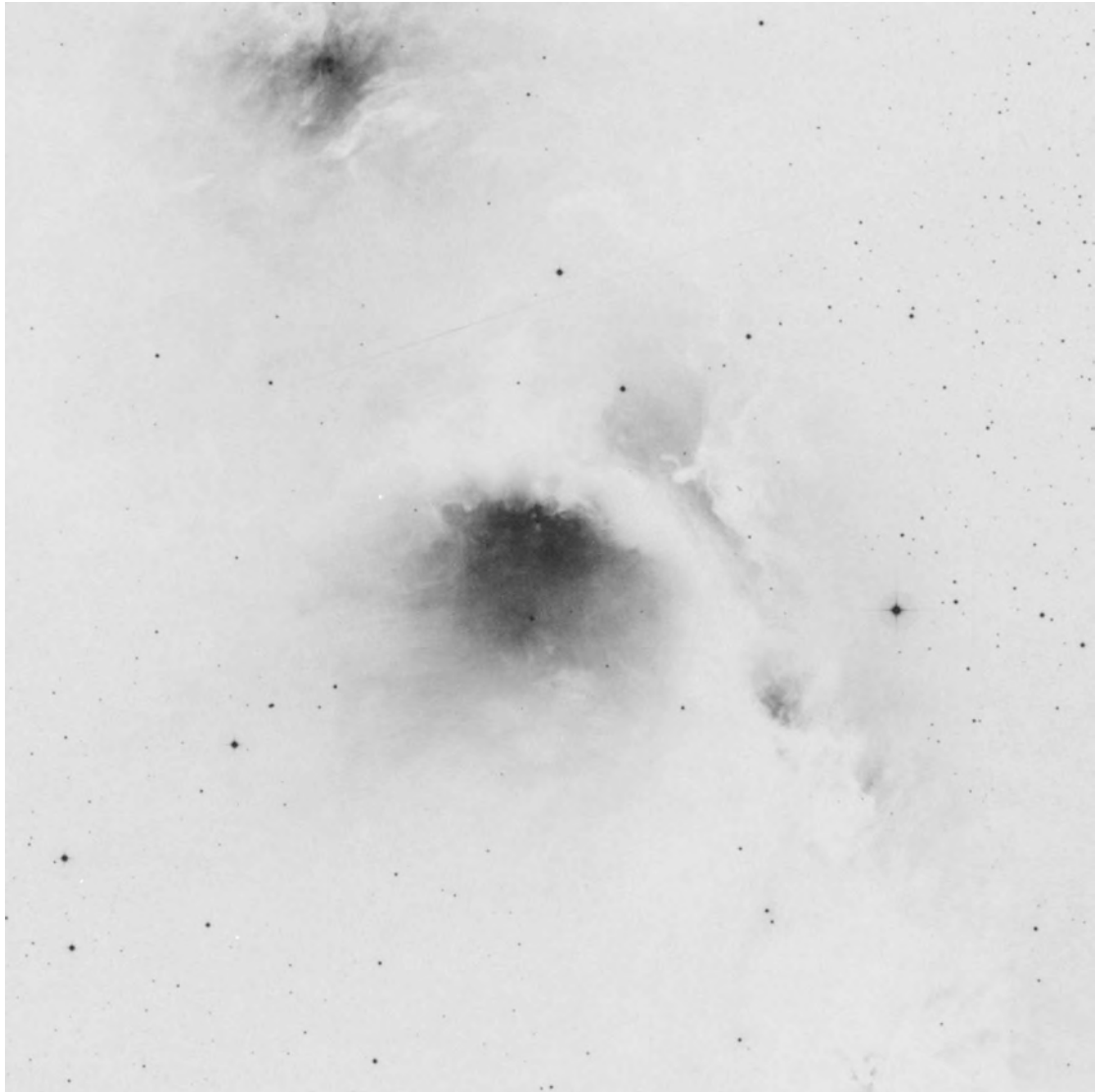


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
58	Ori	05 44 26.8	-08 42 38	9.50	I	VF	MOD

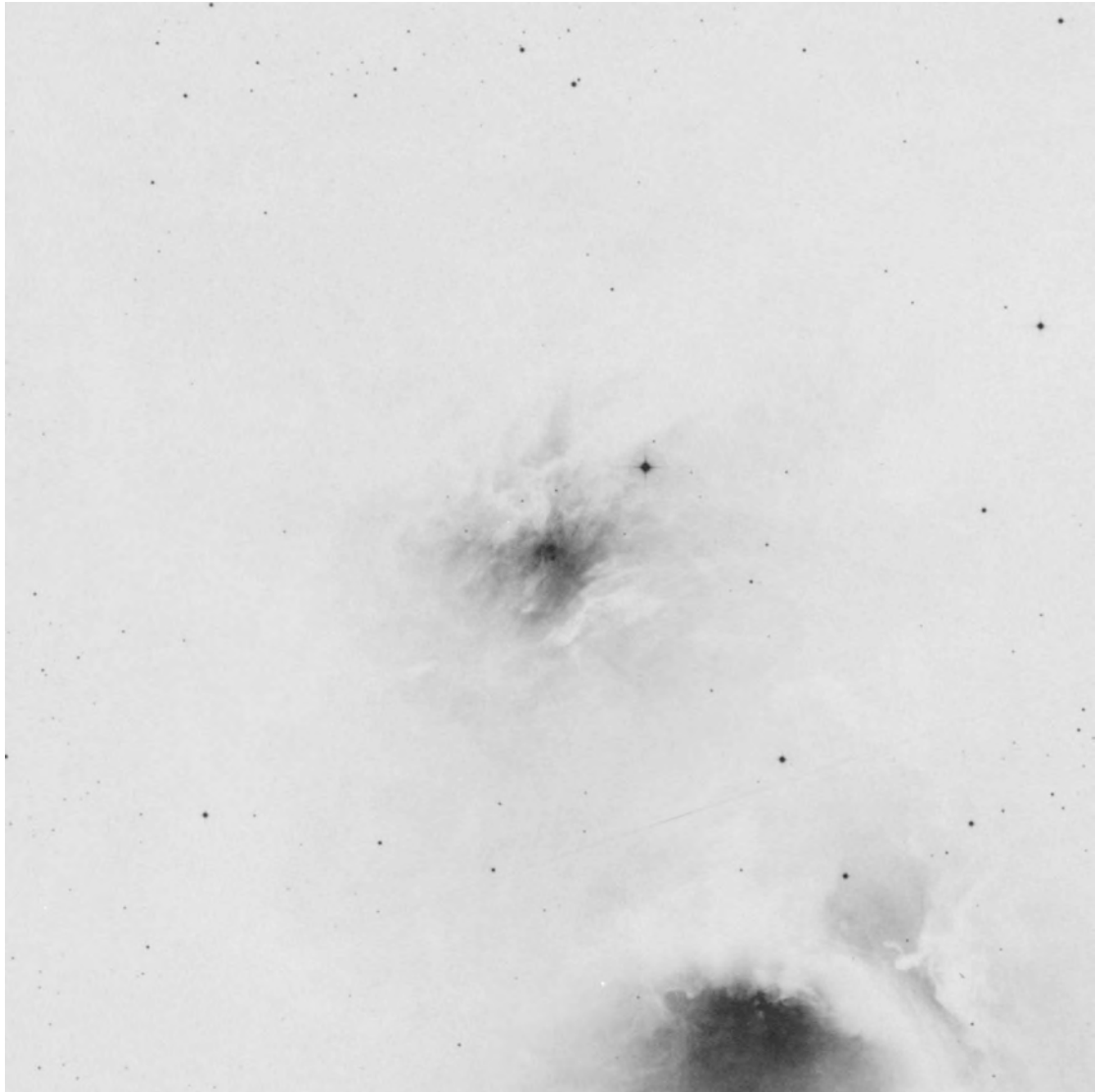
VdB-59 in Orion



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
59	Ori	05 46 43.4	+00 04 36	10.49	I	VBR	STR

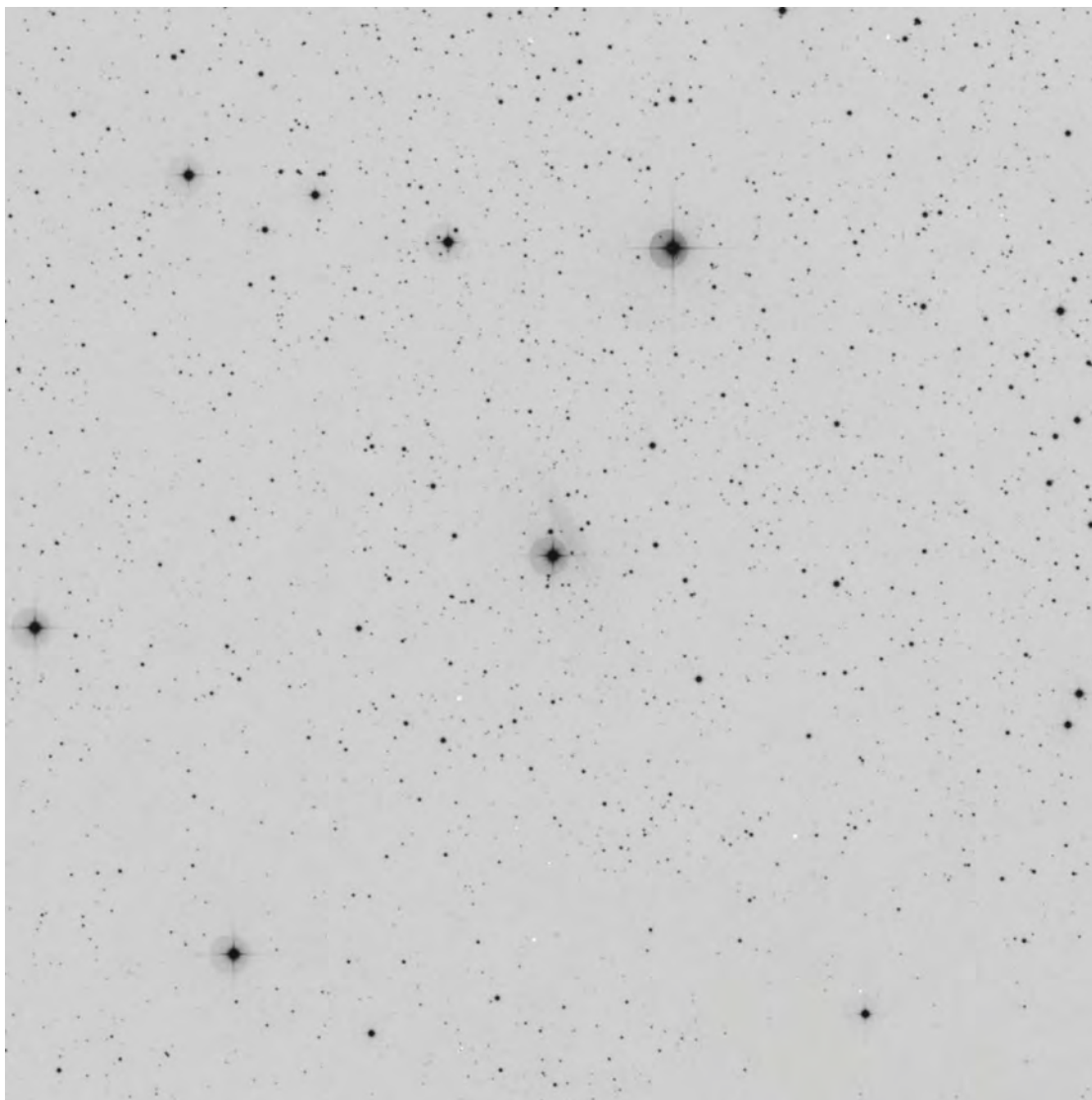
VdB-60 in Orion



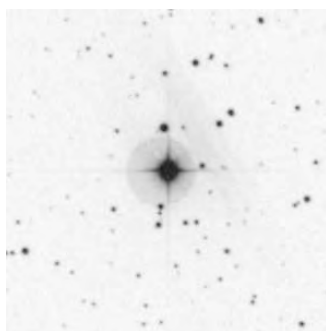
30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
60	Ori	05 47 07.9	+00 17 56	9.50	I	BR	STR

VdB-61 in Orion

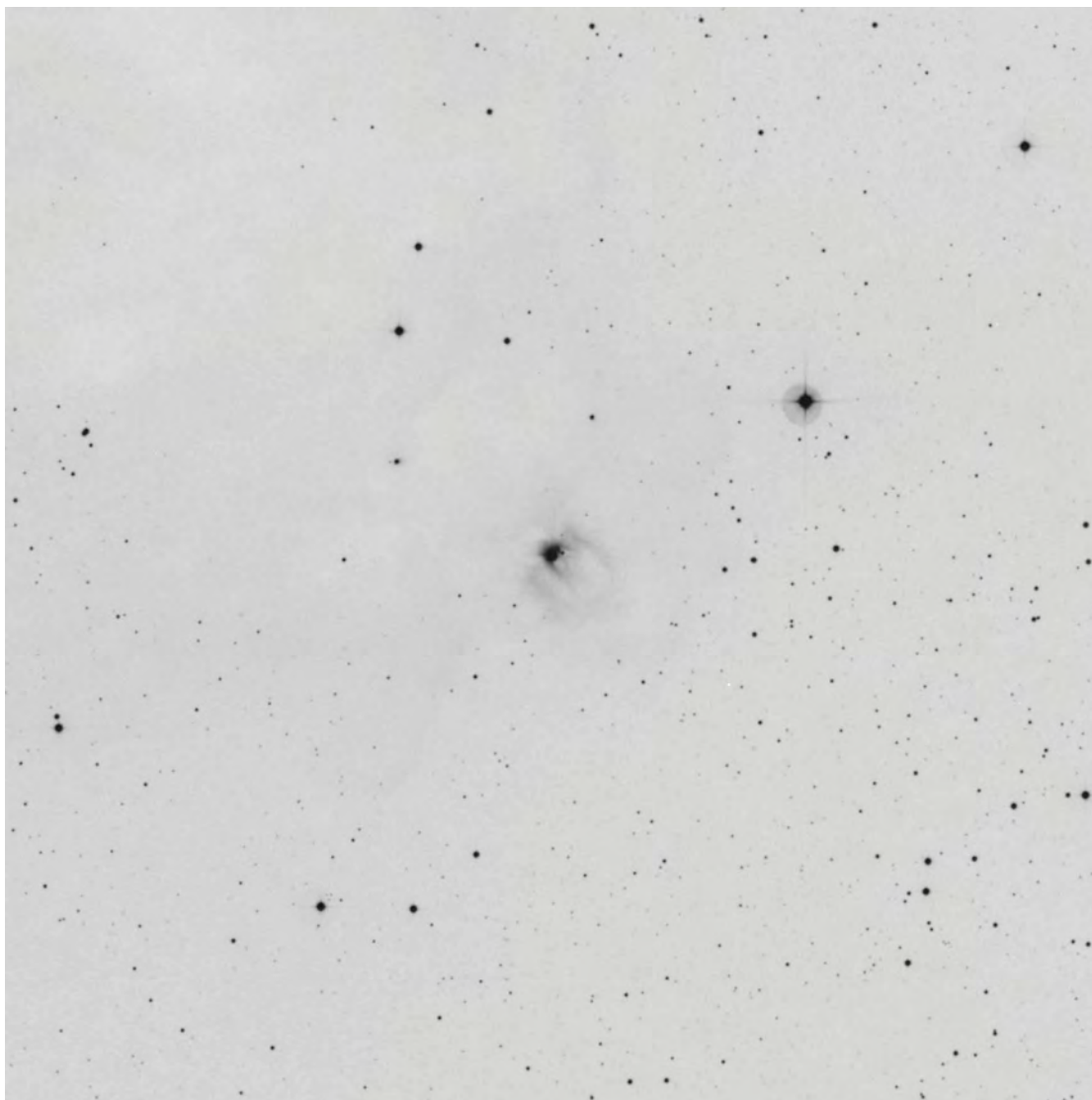


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
61	Ori	05 52 37.1	+05 09 53	8.60	II	VF	MOD

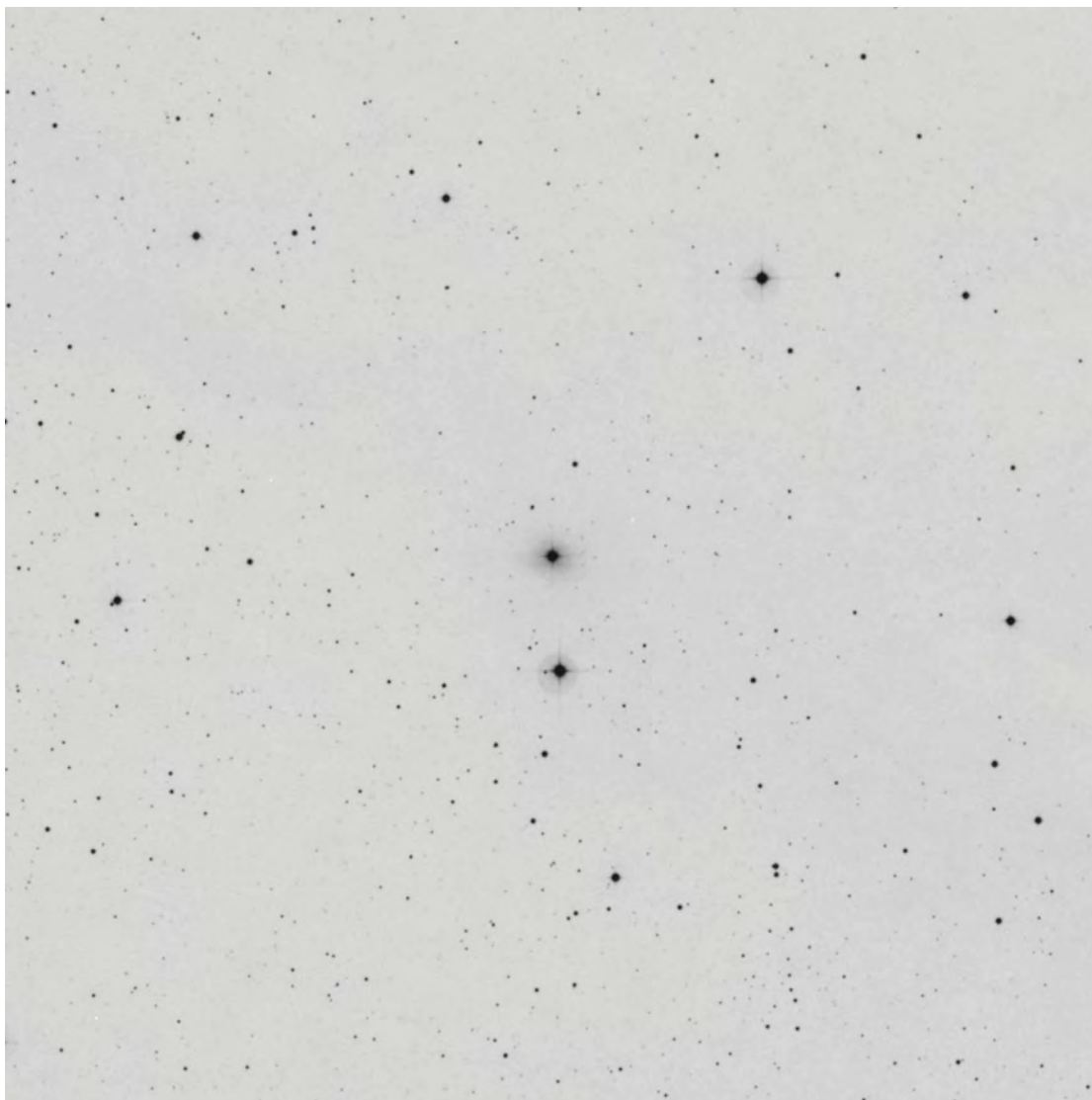
VdB-62 in Orion



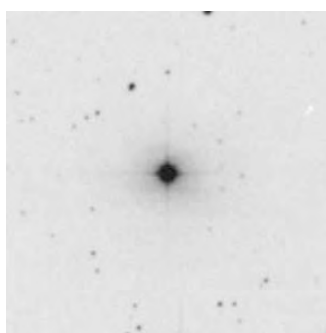
30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
62	Ori	05 54 03.0	+01 40 22	9.50	I	M	STR

VdB-63 in Orion

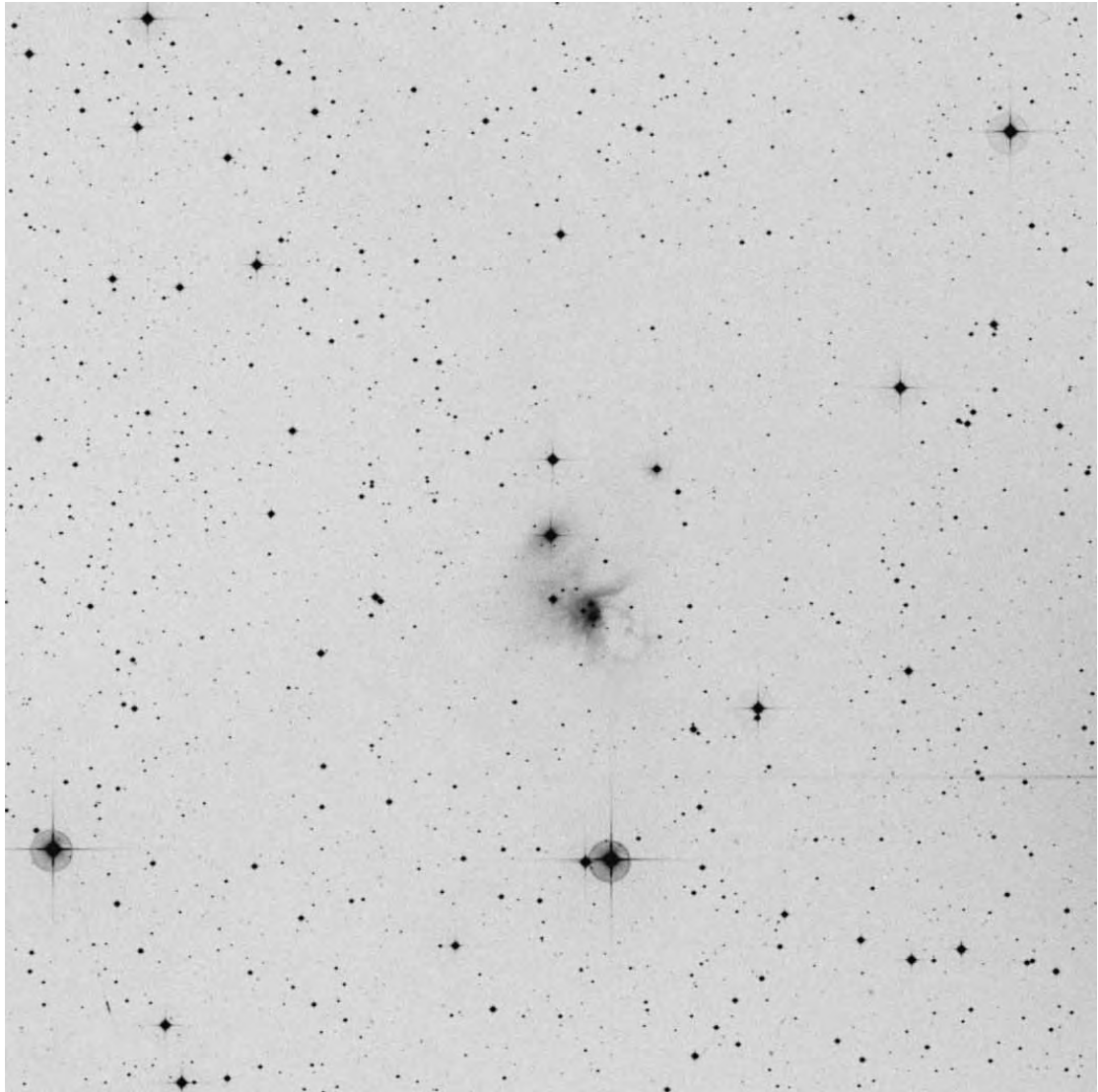


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
63	Ori	05 56 17.5	+01 51 53	9.20	I	F	WK

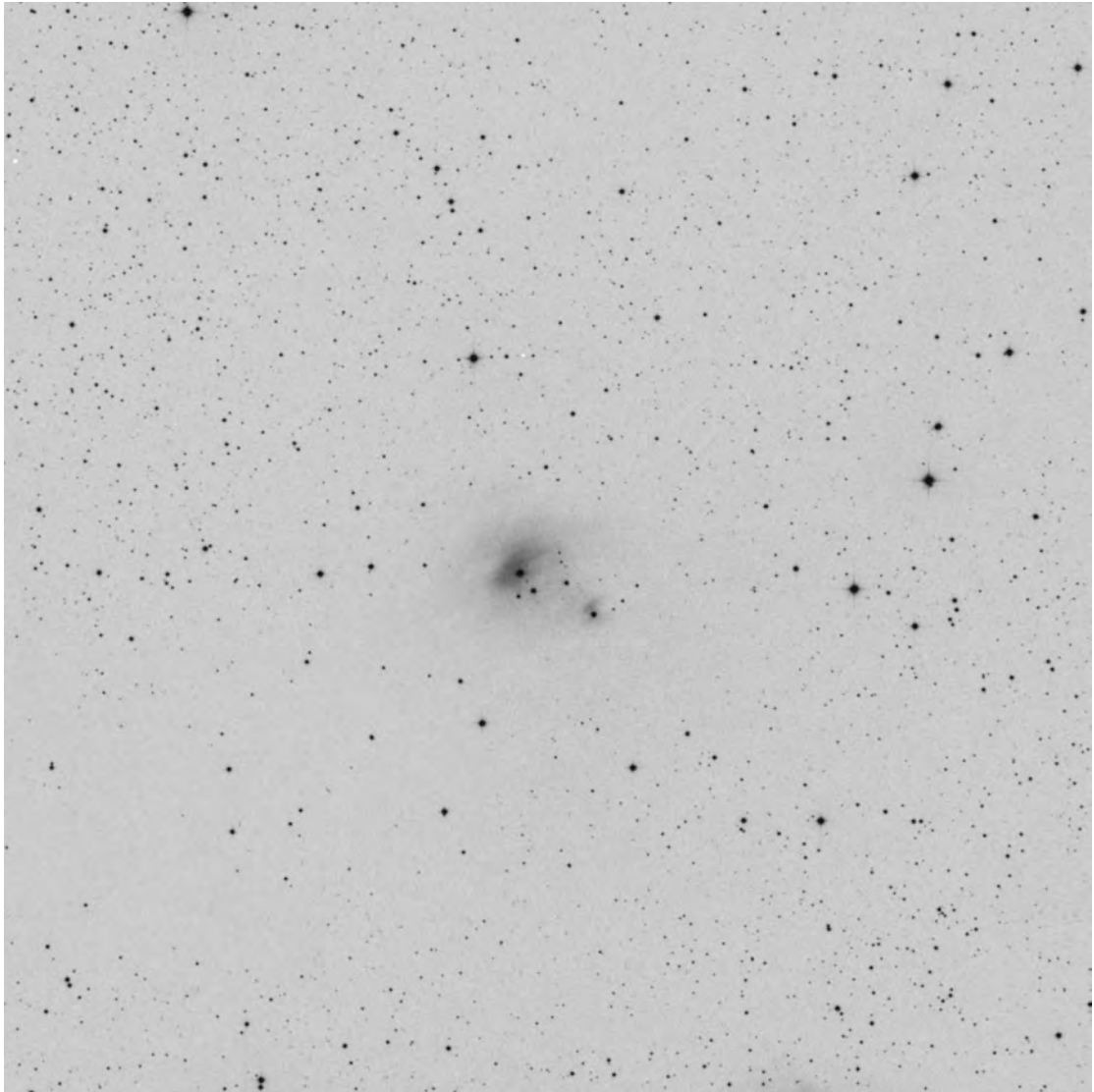
VdB-64 in Lepus



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
64	Lep	05 57 54.0	-14 04 00	10.00	I	M	MOD

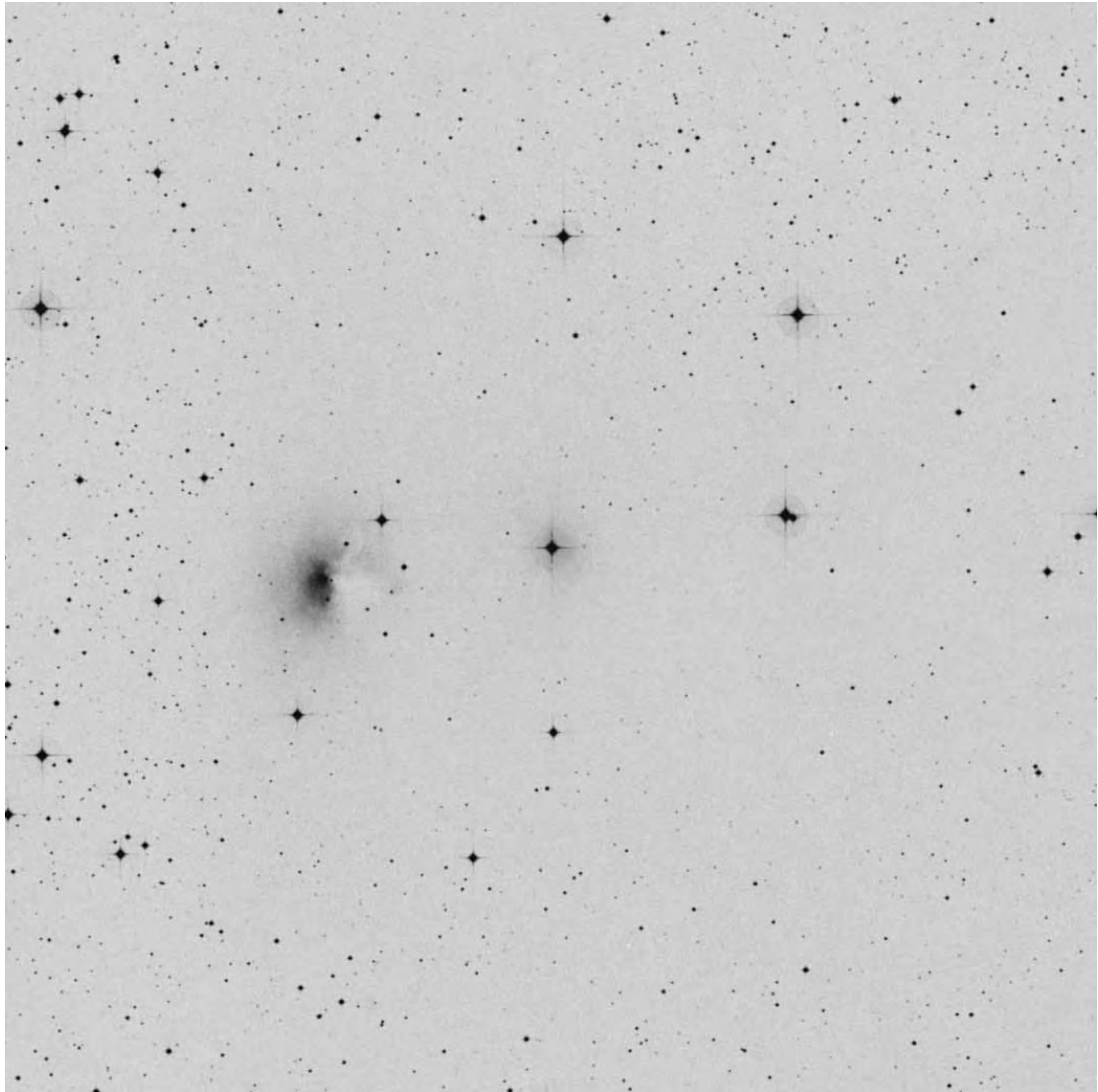
VdB-65 in Auriga



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
65	Aur	06	04	30.0	+30	31	00	9.50	I	BR	MOD

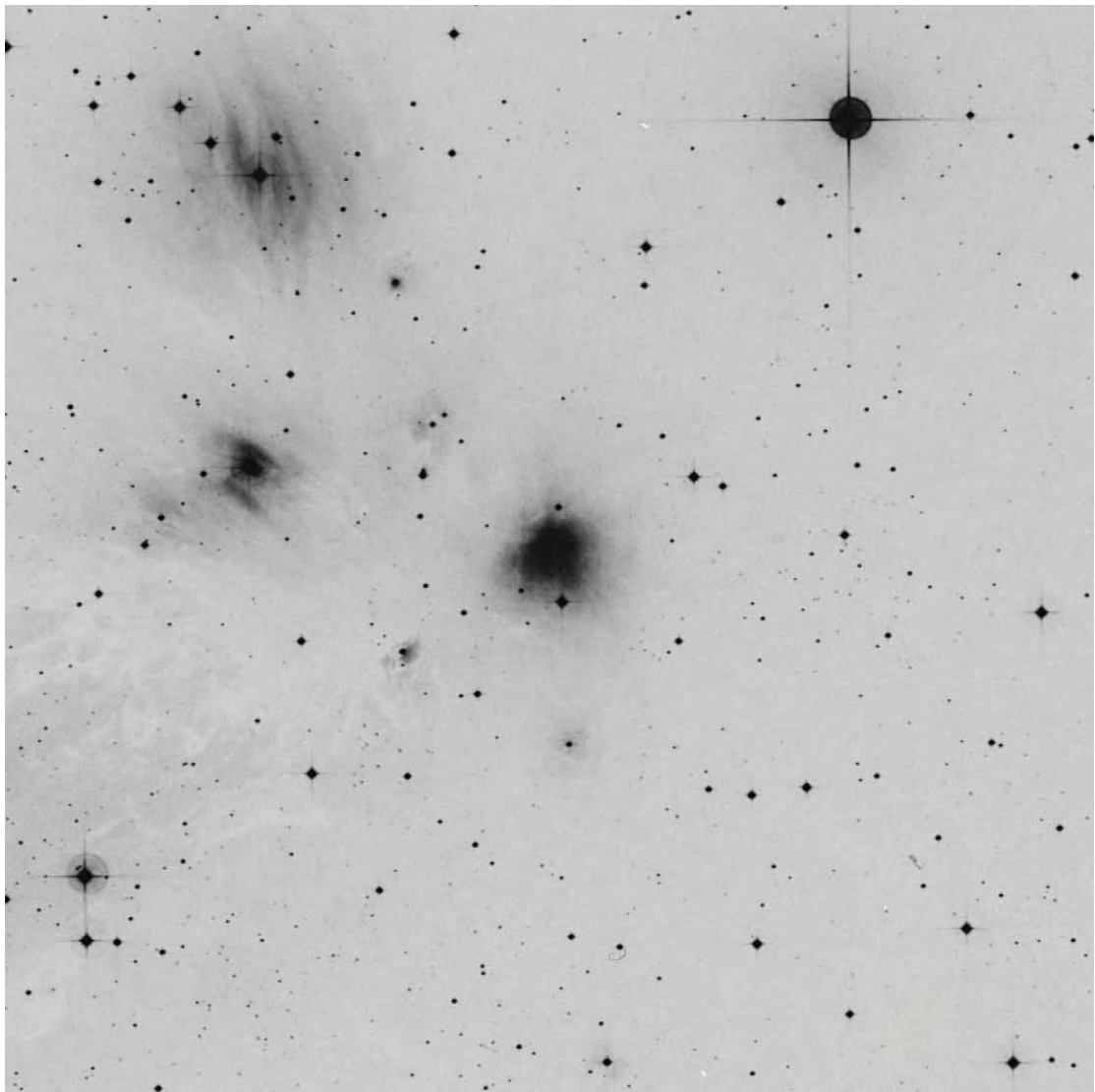
VdB-66 in Monoceros



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
66	Mon	06 03 05.4	-09 43 00	9.30	I	MF	STR

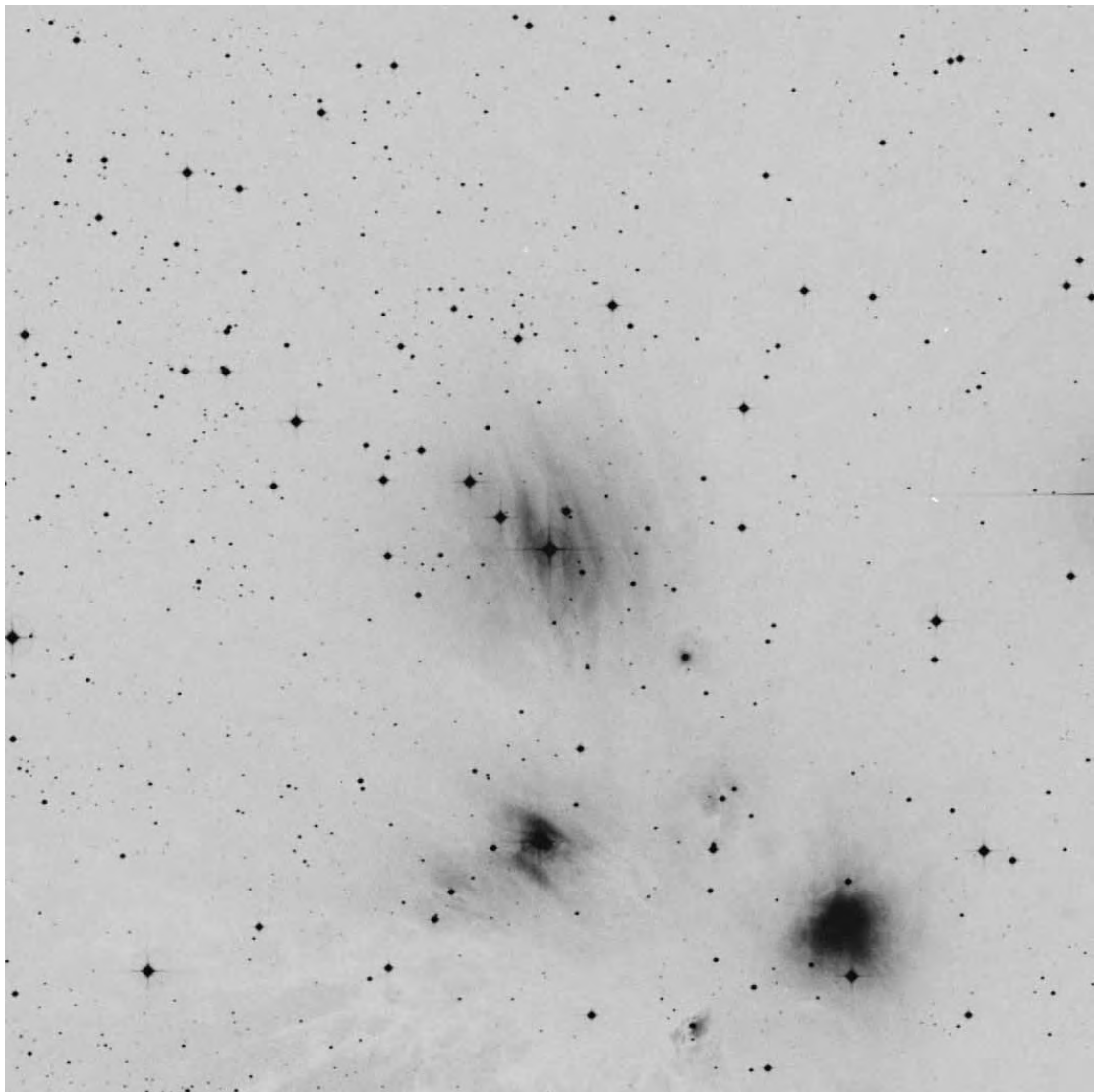
VdB-67 in Monoceros



30'X30'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
67	Mon	06	07	31.8	-06 23 58	9.50	I	VB	MOD

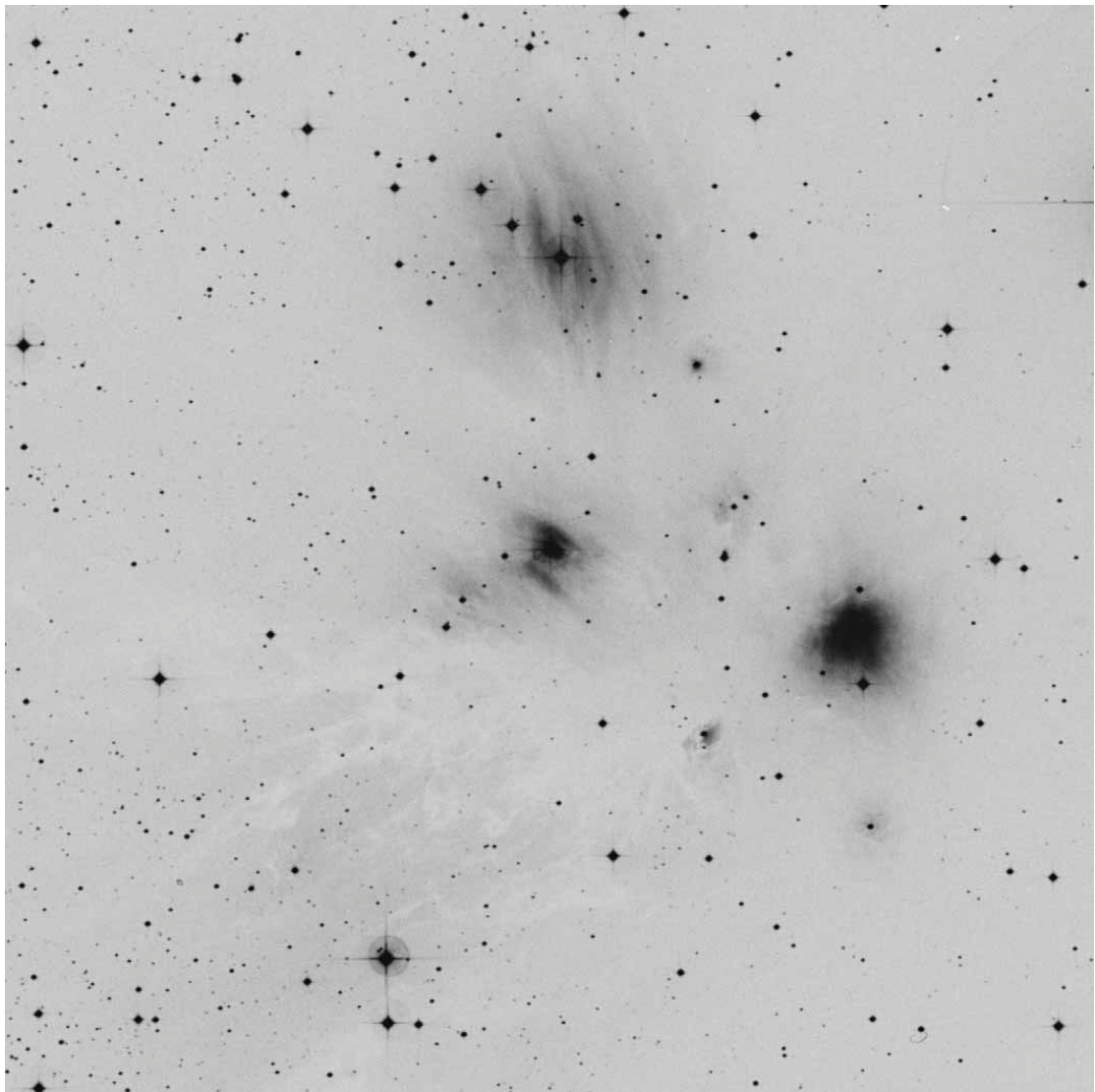
VdB-68 in Monoceros



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
68	Mon	06 08 03.8	-06 13 38	9.00	I	M	WK

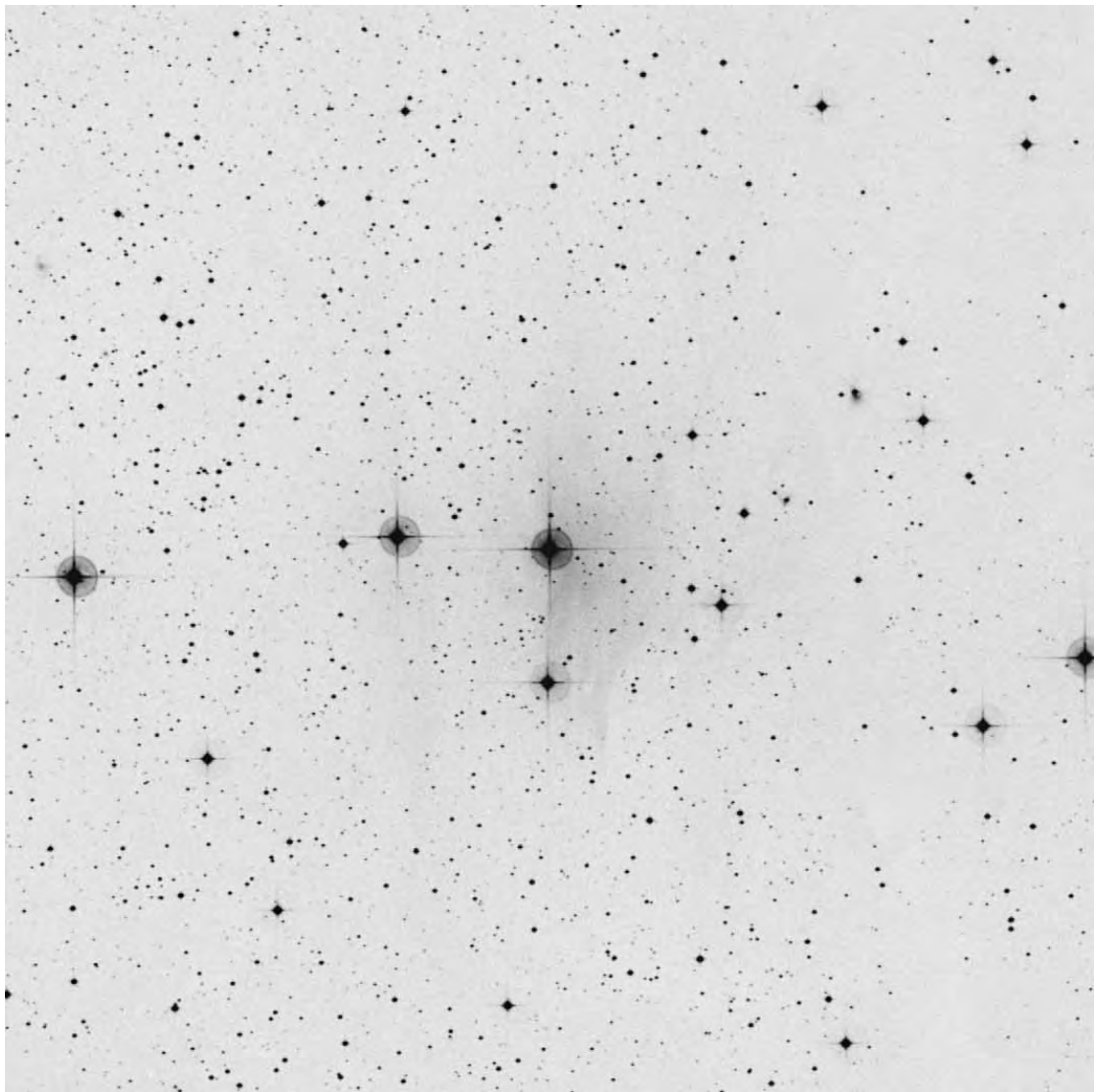
VdB-69 in Monoceros



30'X30'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
69	Mon	06	08	05.2	-06 21 41	9.00	I	M	STR

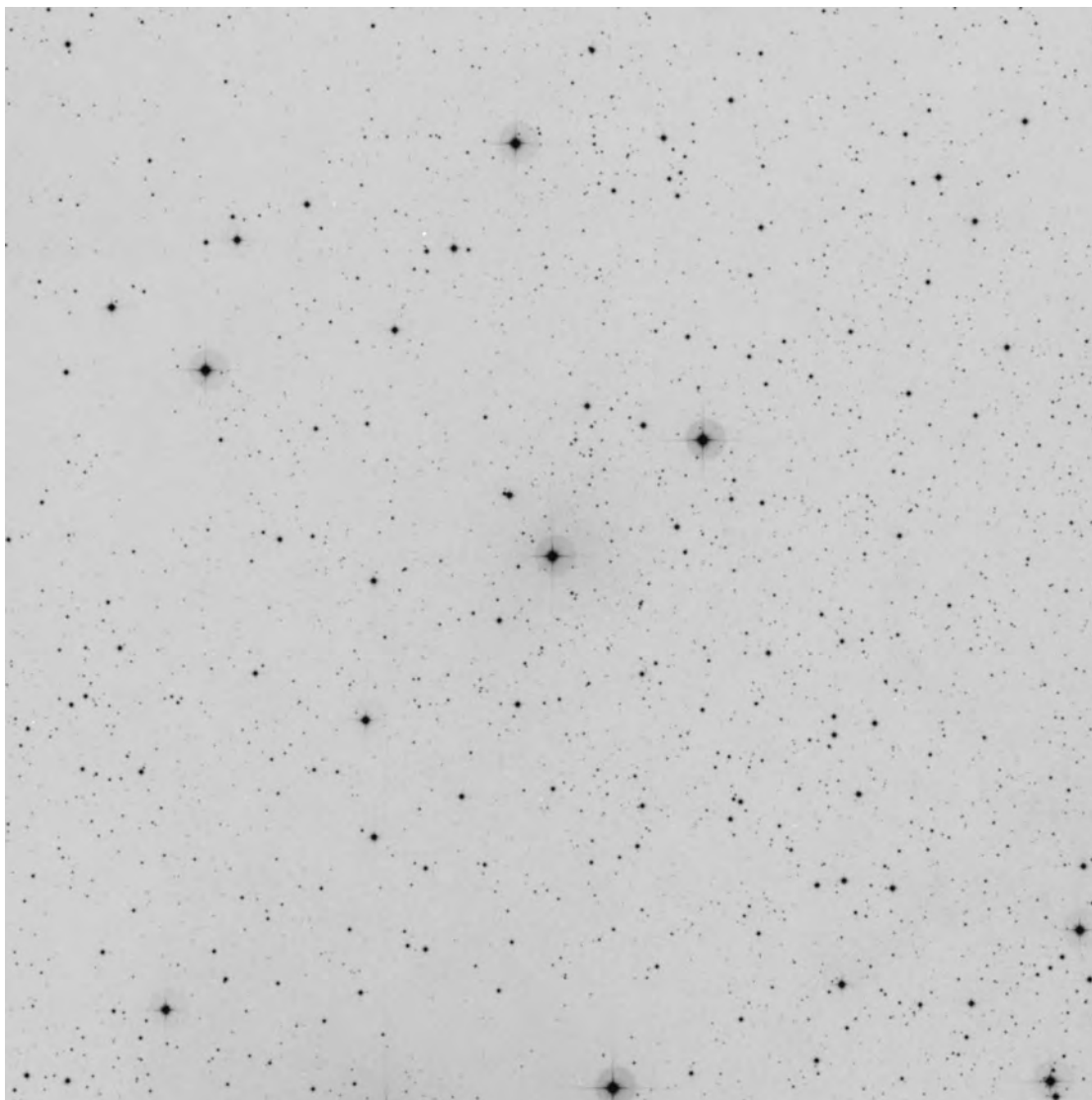
VdB-70 in Monoceros



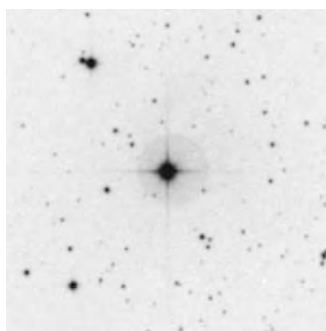
30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
70	Mon	06 08 26.3	-05 20 22	8.50	I-II	F	WK

VdB-71 in Orion

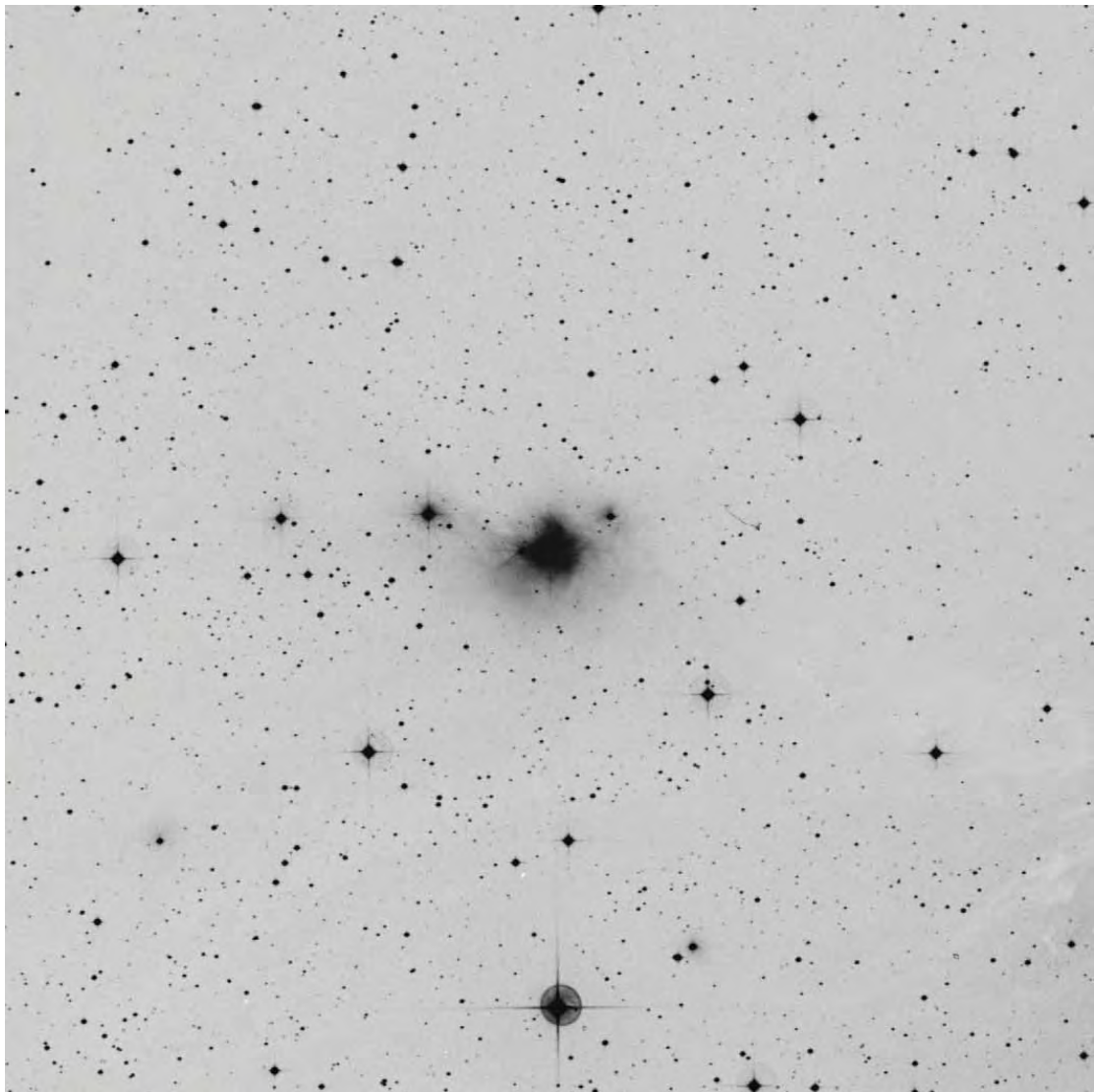


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
71	Ori	06 10 01.7	+14 04 31	9.00	II	F	MOD

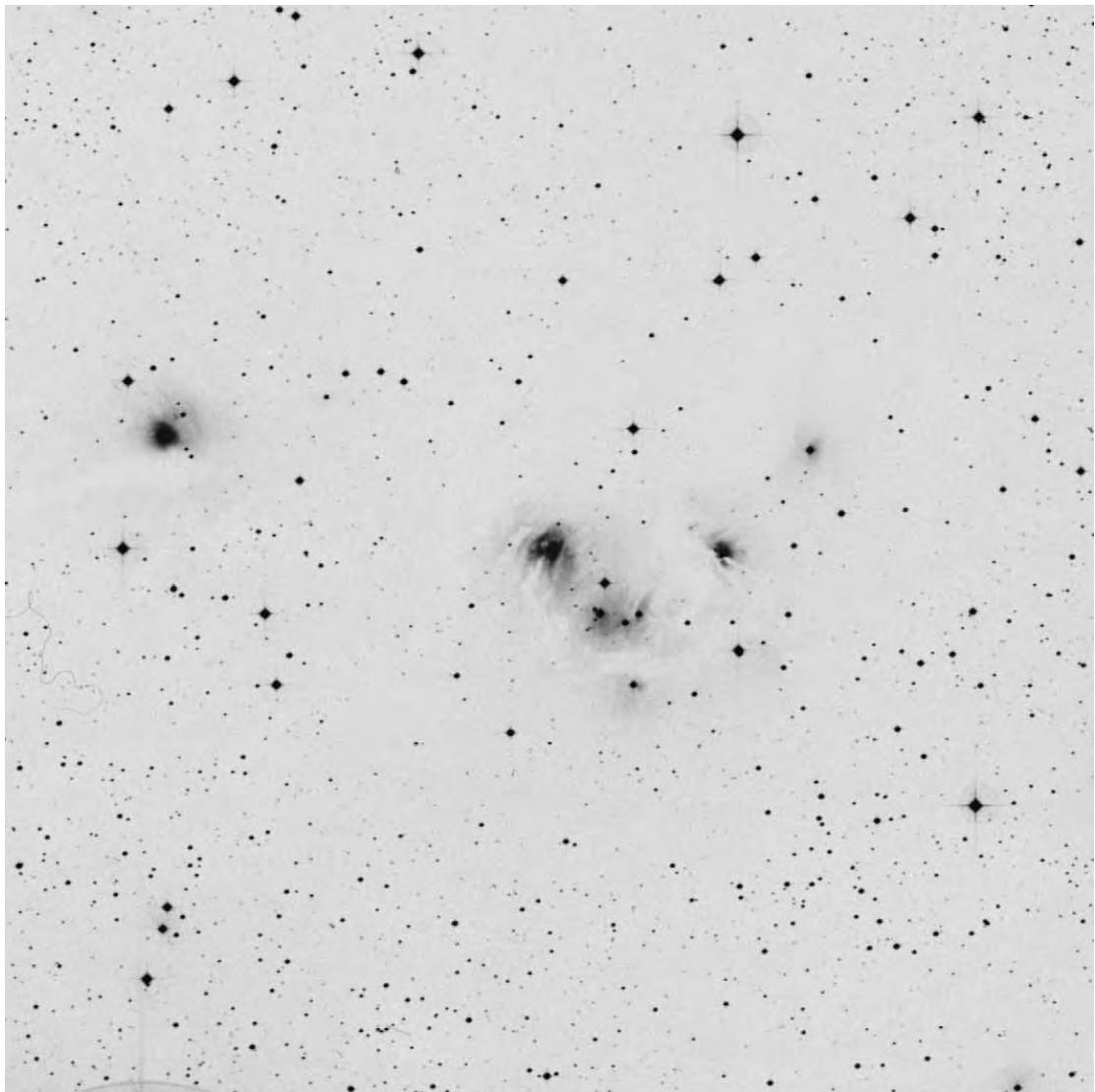
VdB-72 in Monoceros



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
72	Mon	06 09 31.3	-06 19 33	9.00	I	VBR	MOD

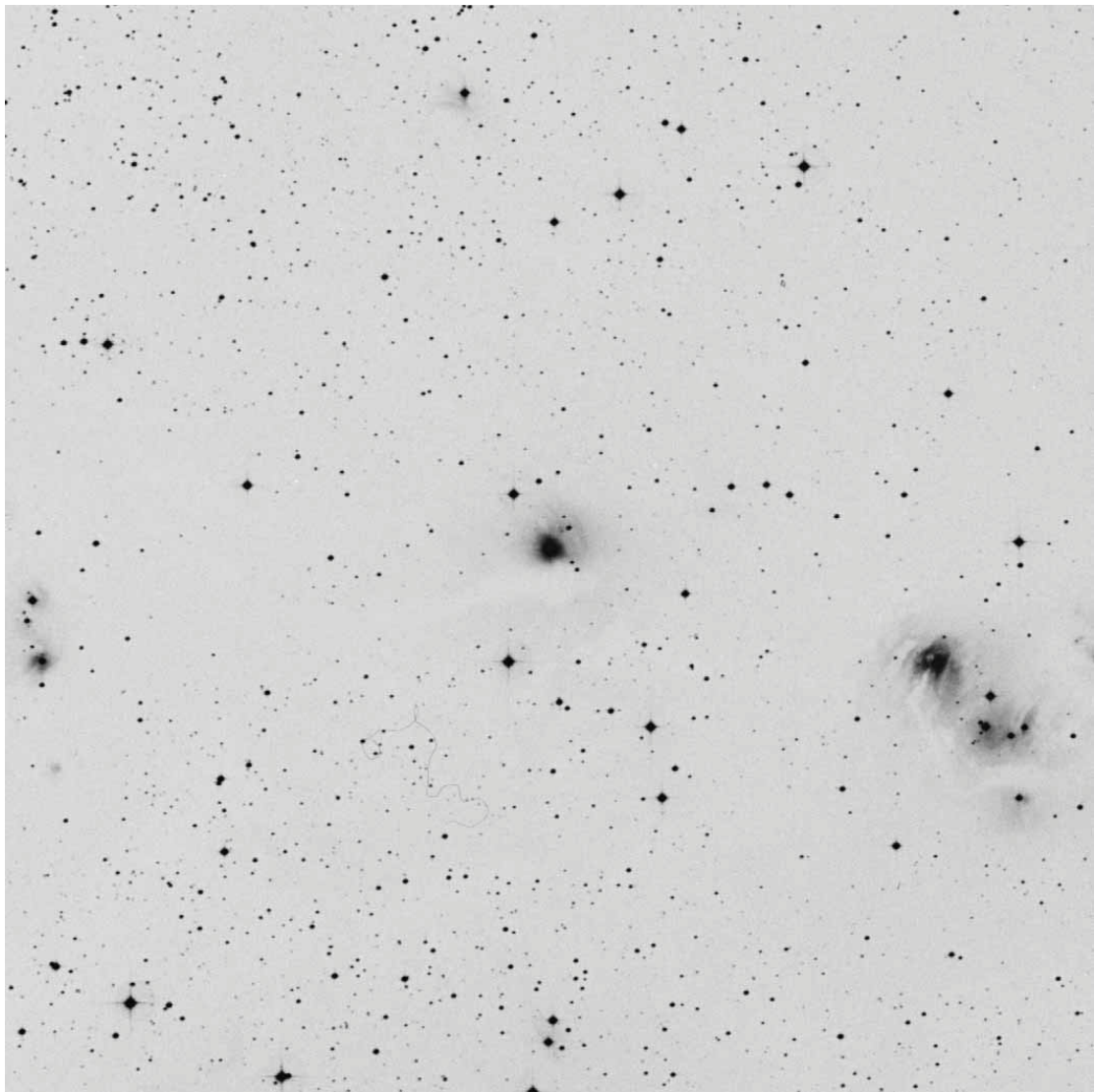
VdB-73 in Monoceros



30'X30'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
73	Mon	06	11	06.1	-06 12 38		I	BR	MOD

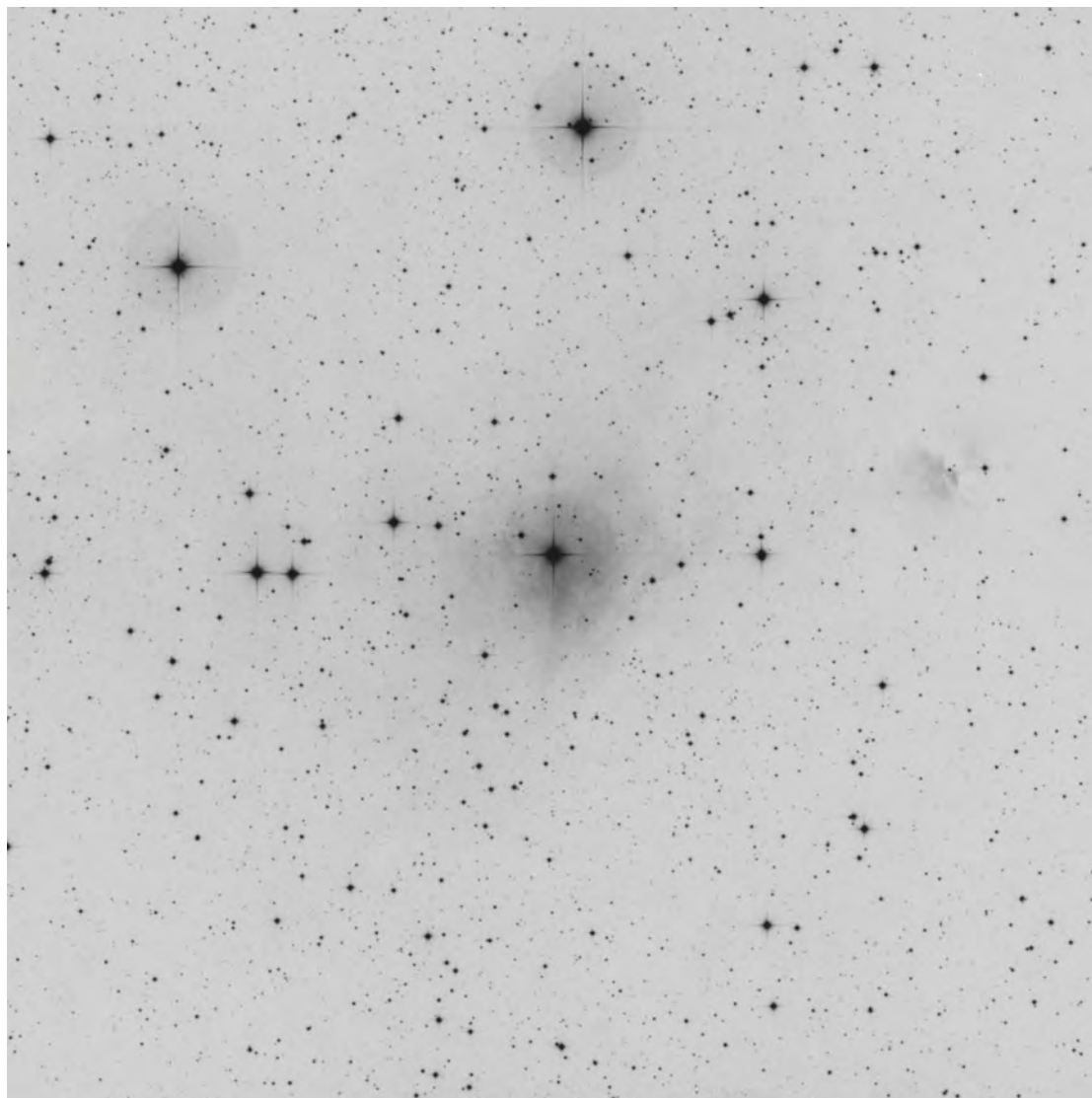
VdB-74 in Monoceros



30'X30'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
74	Mon	06	11	48.8	-06 09 28	9.70	I	BR	MOD

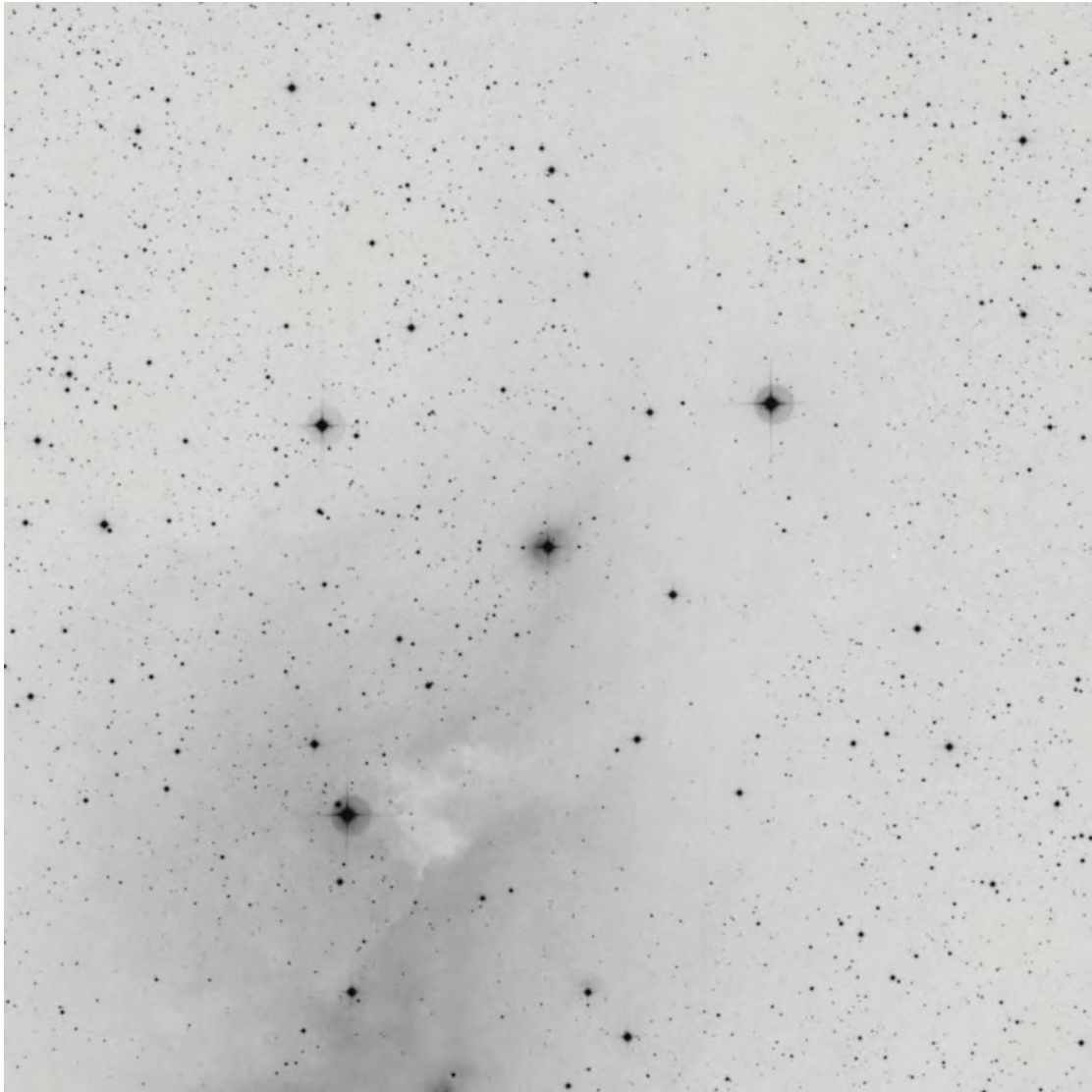
VdB-75 in Gemini



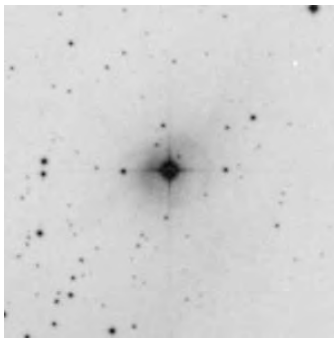
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
75	Gem	06	19	22.5	+23	16	28	7.50	I	M	MOD

VdB-76 in Monoceros

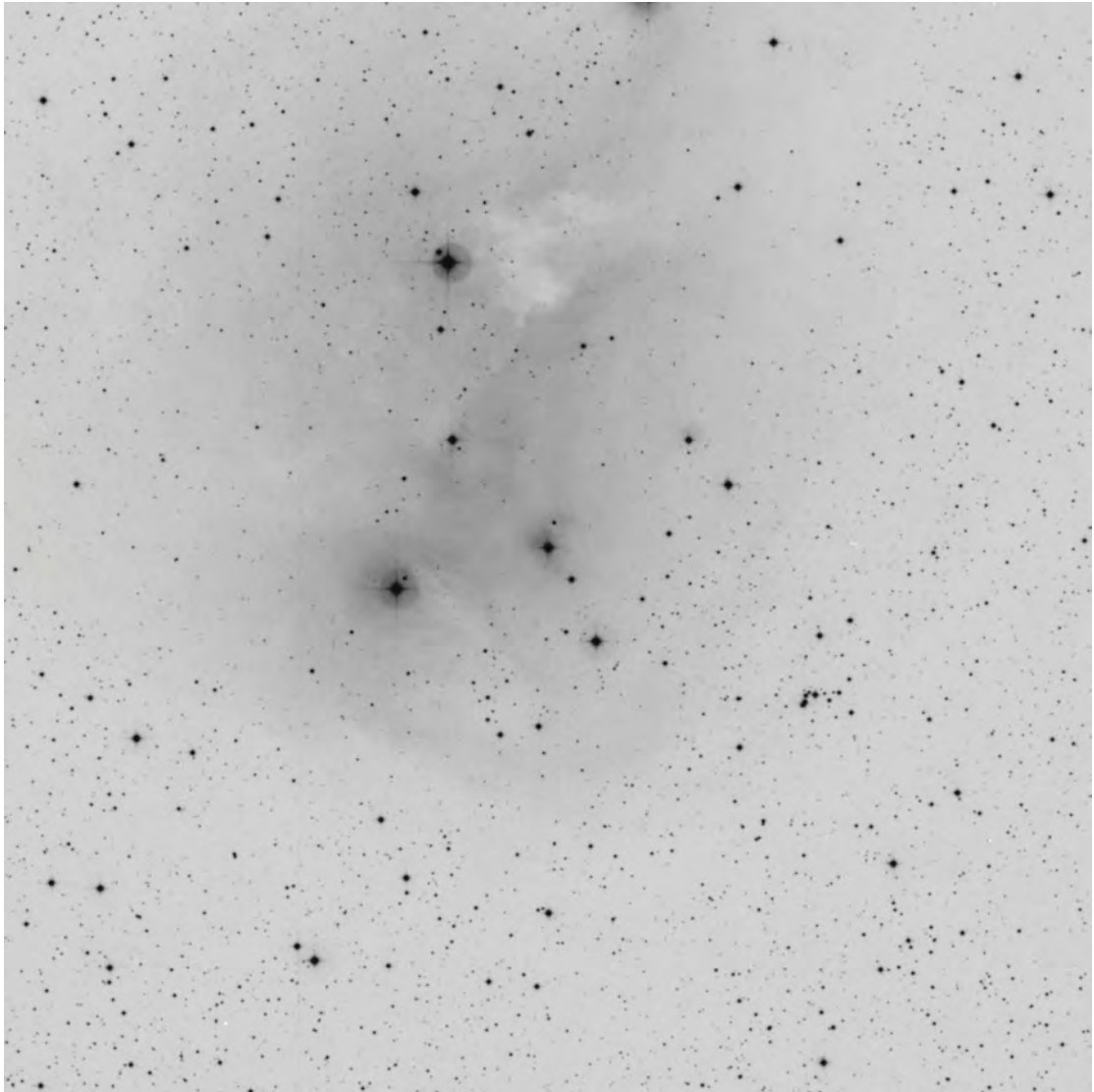


30'X30'



VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
76	Mon	06	12 13.8	+13	41 12	9.30	II	M	MOD

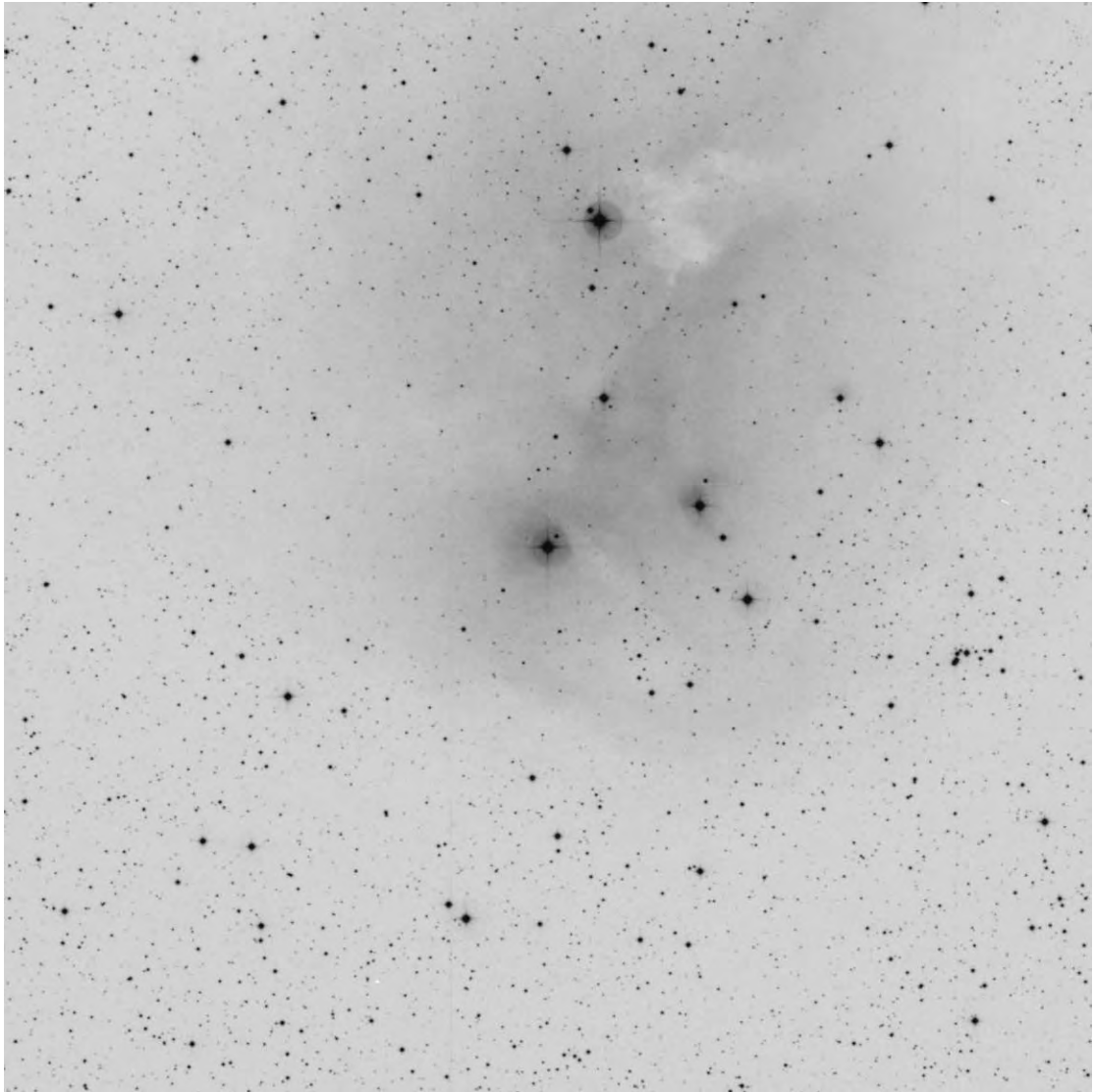
VdB-77 in Monoceros



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
77	Mon	06	30	57.9	+09	48	35	9.50	I-II	M	MOD

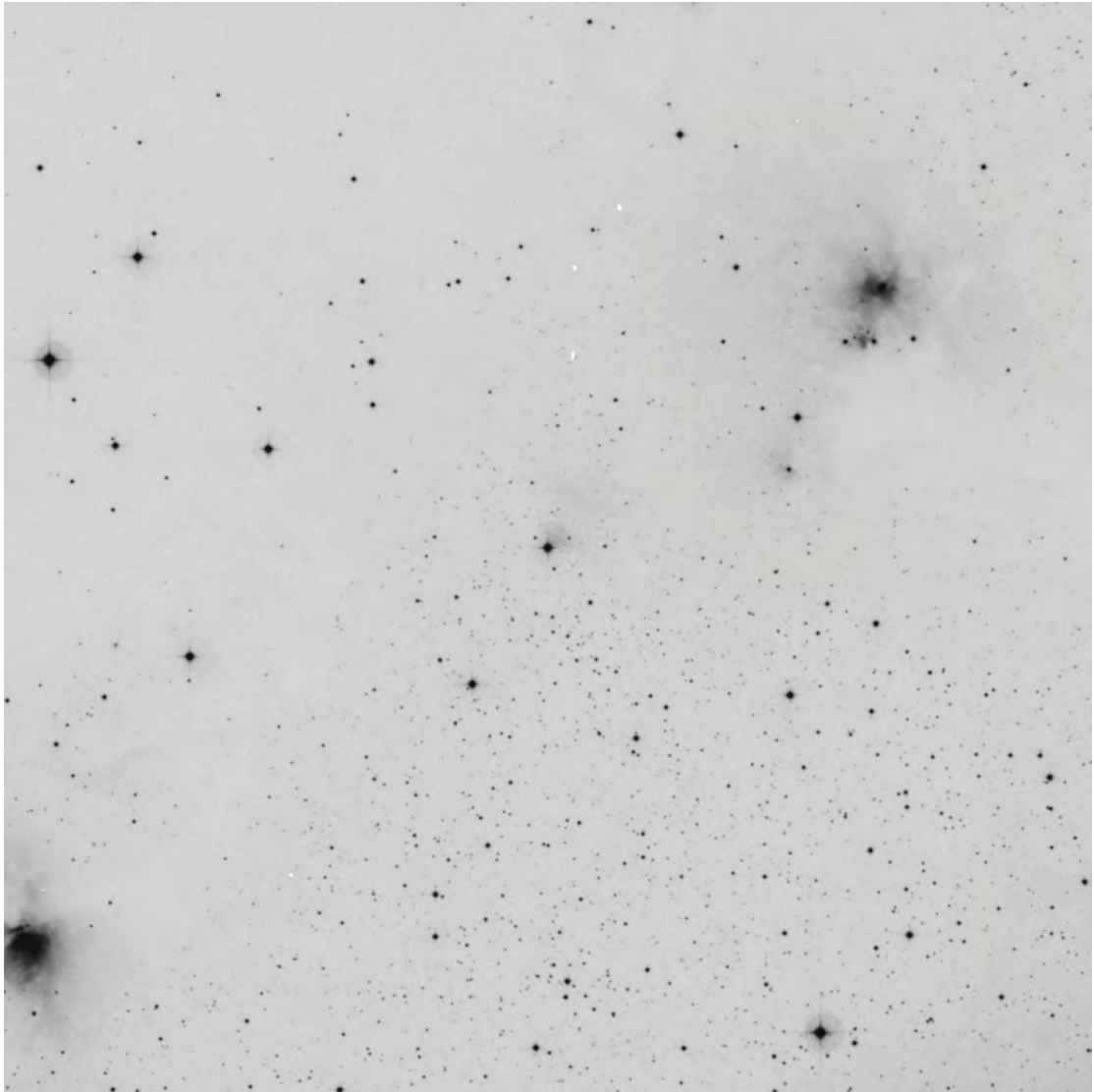
VdB-78 in Monoceros



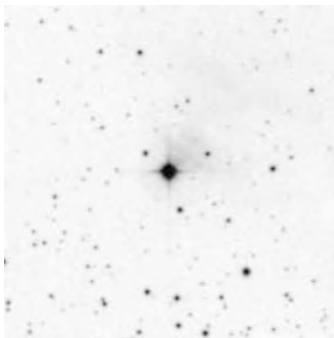
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
78	Mon	06	31	14.9	+09	47	25	8.80	I-II	BR	MOD

VdB-79 in Monoceros

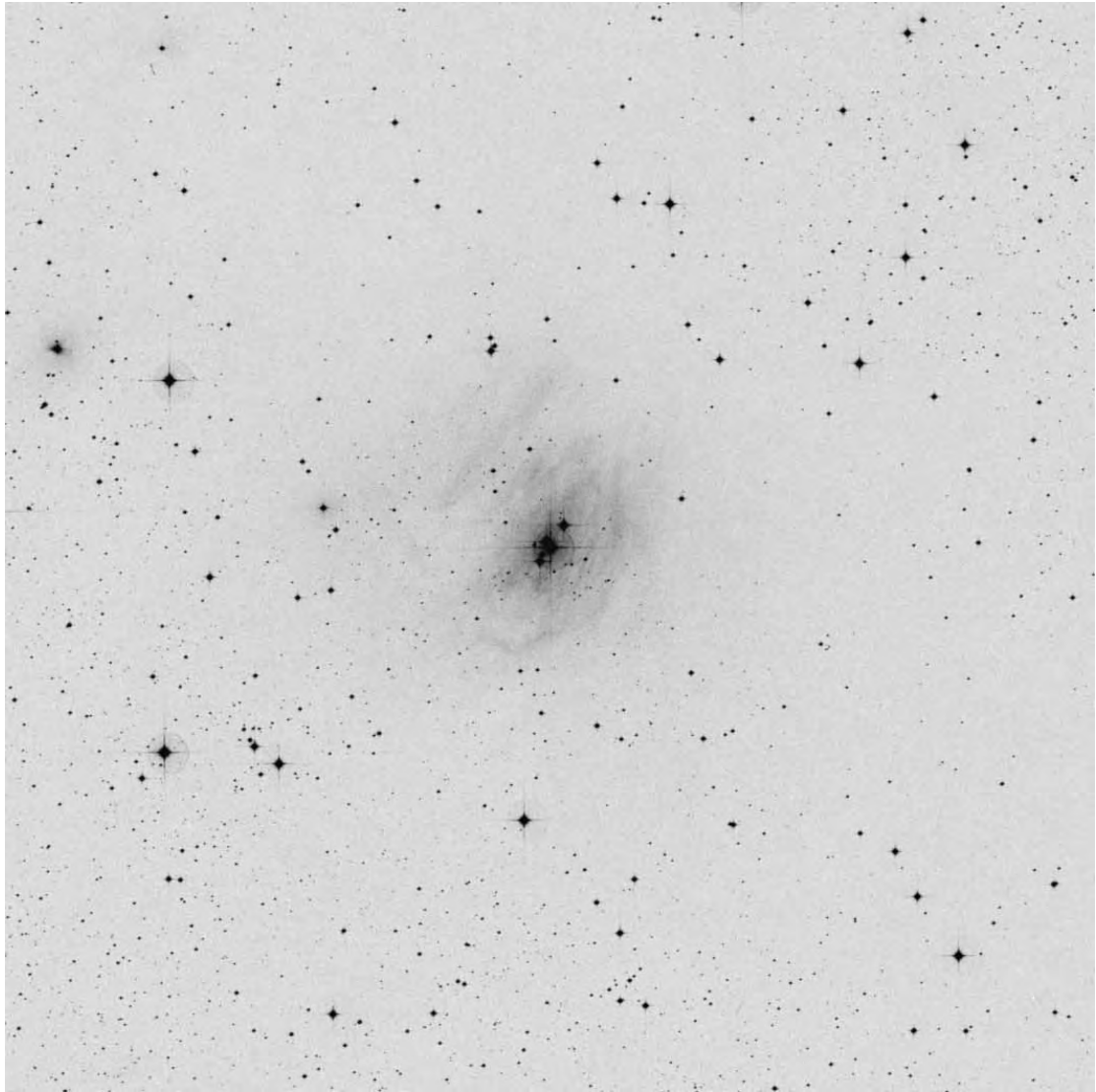


30'X30'



VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
79	Mon	06	31	43.3	+10	20	21	9.40	II	F	MOD

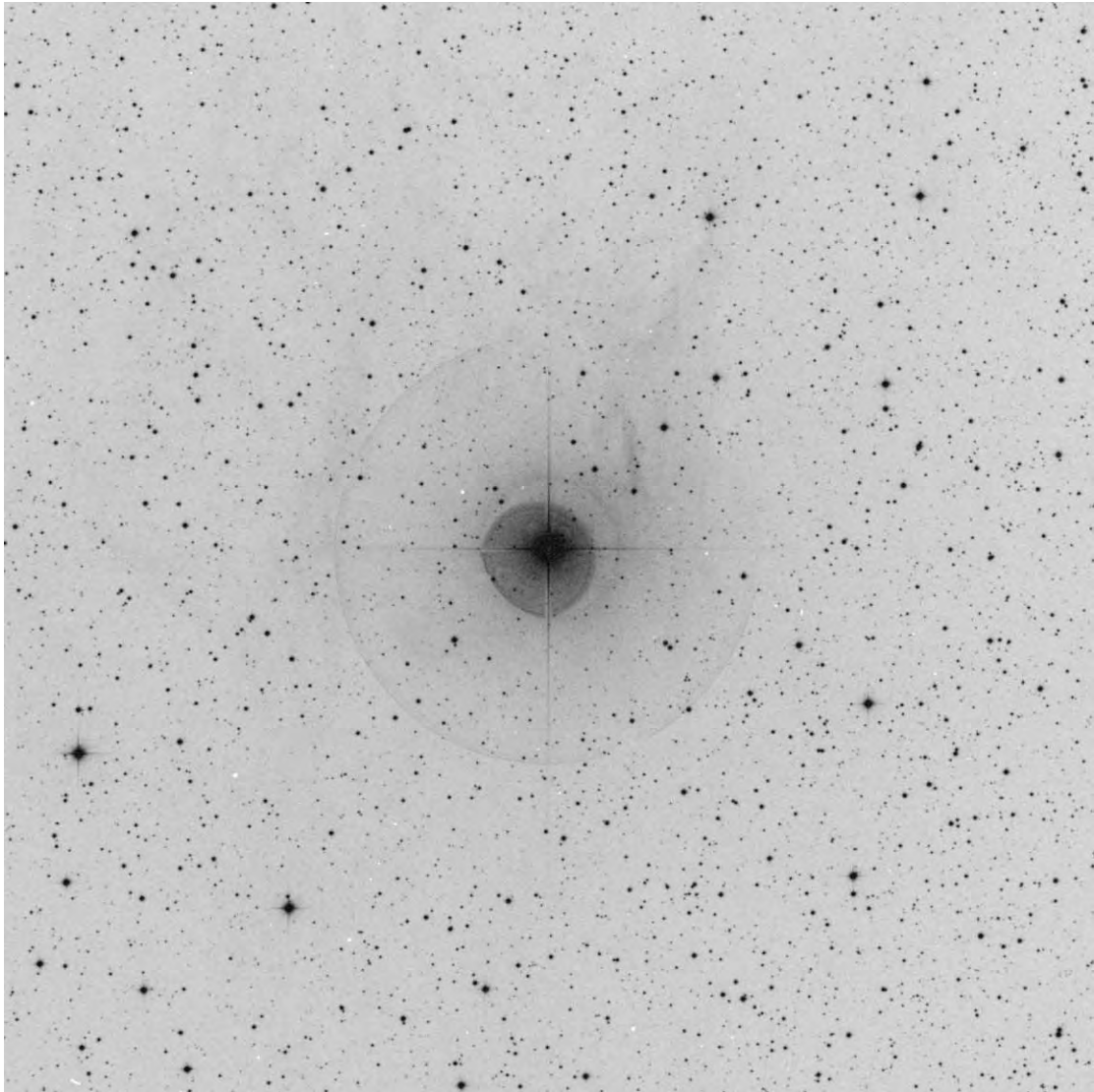
VdB-80 in Monoceros



30'X30'

VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
80	Mon	06	30 49.8	-09	39 15	8.60	I	M	MOD

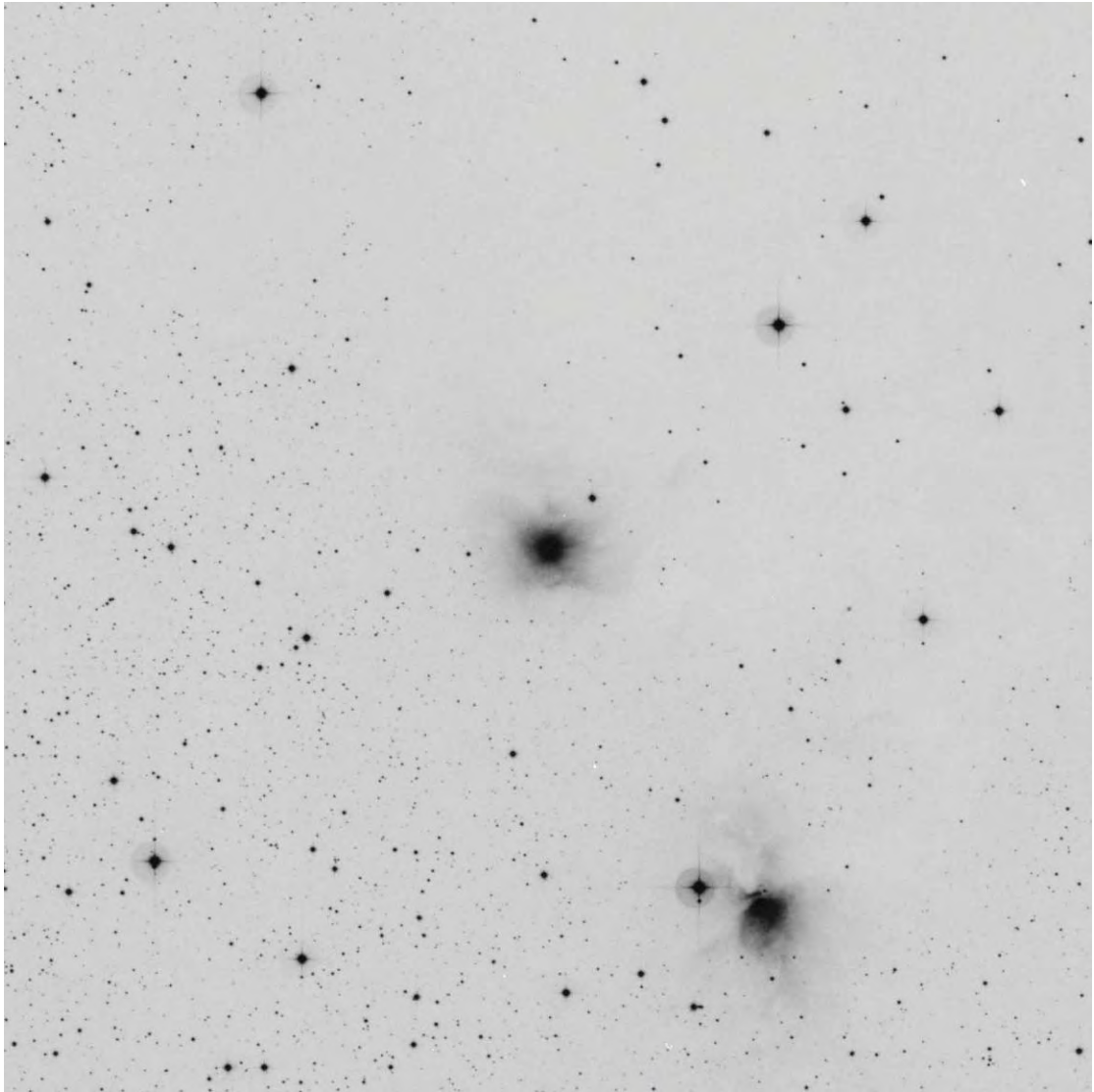
VdB-81 in Monoceros



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
81	Mon	06	32	54.2	+07	19	59	4.48	I	M	WK

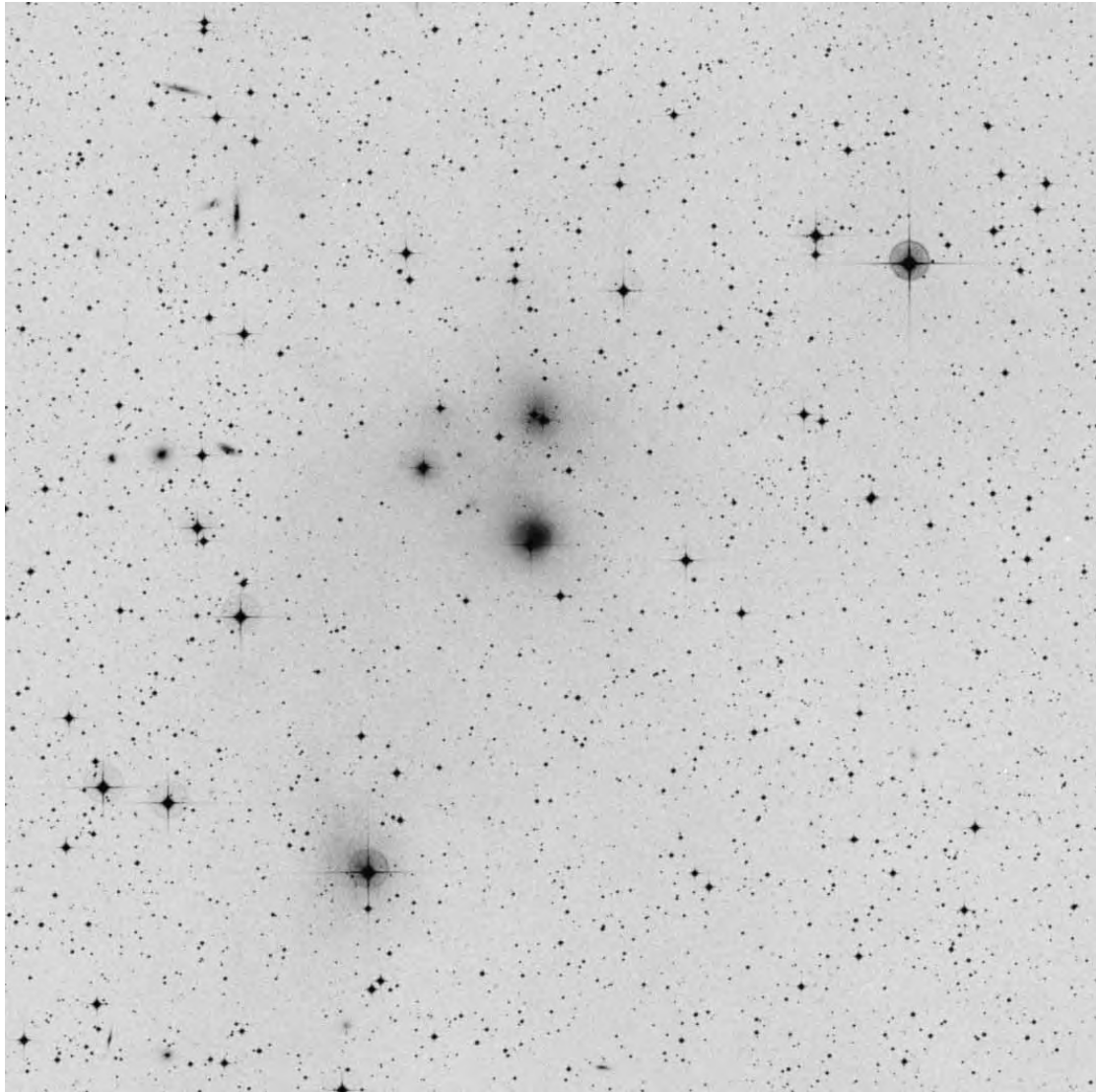
VdB-82 in Monoceros



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
82	Mon	06	33	05.2	+10	19	20	8.74	I	BR	MOD

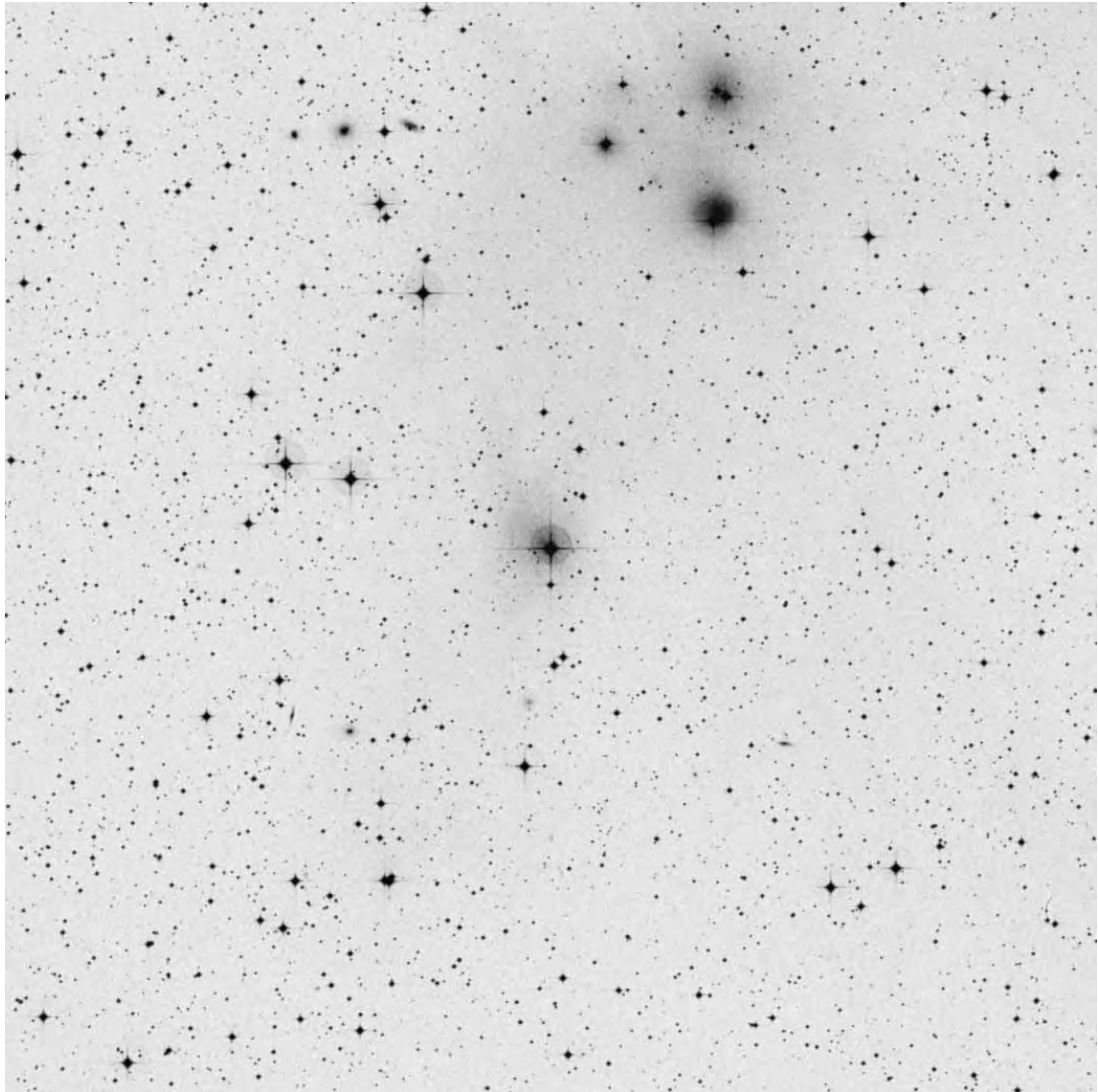
VdB-83 in Canis Major



30'X30'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
83	CMa	06	39	42.0	-27 15 00	9.50	I	BR	WK

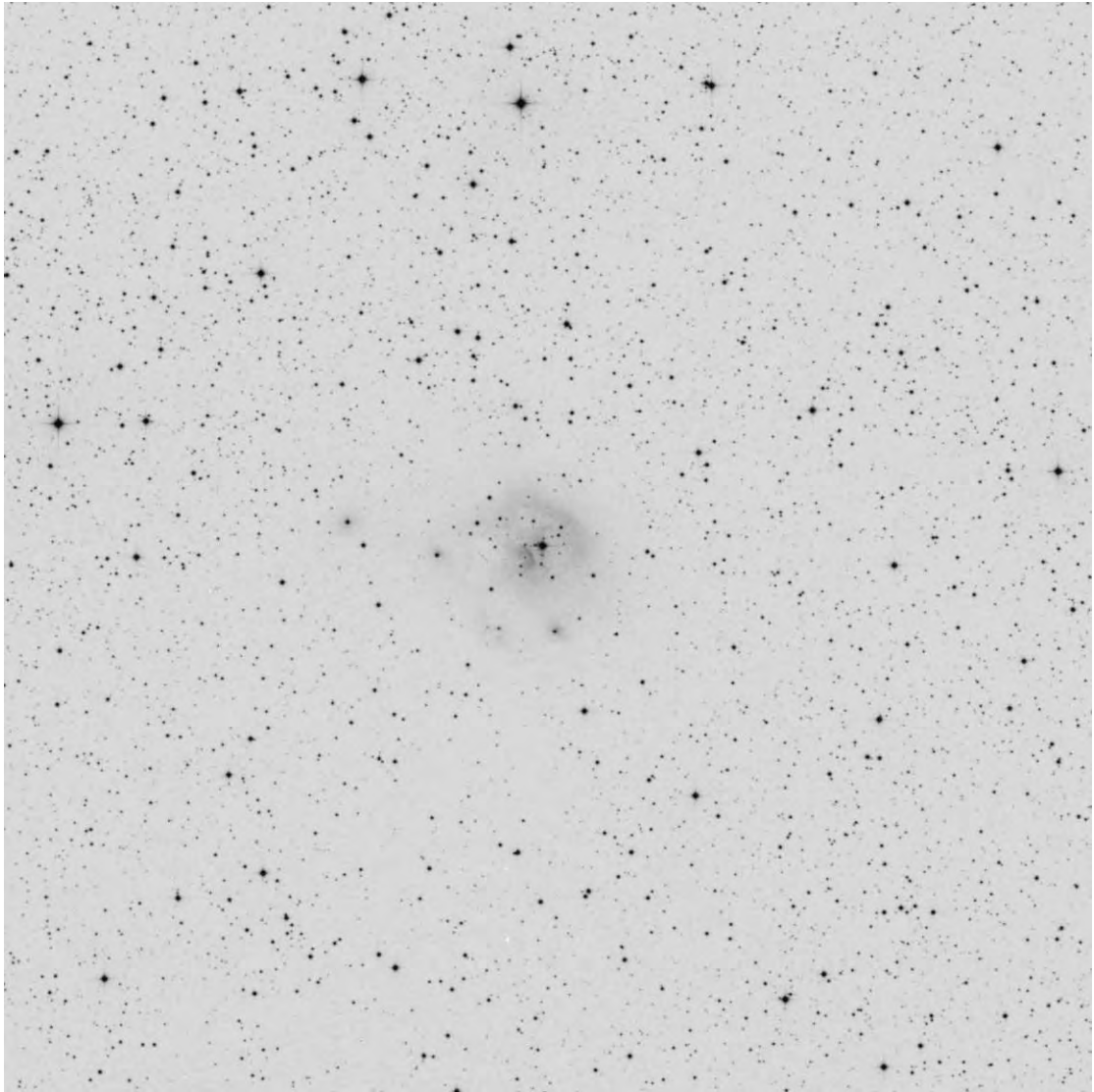
VdB-84 in Canis Major



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
84	CMa	03	49	13.5	-26	57	36		I	M	WK

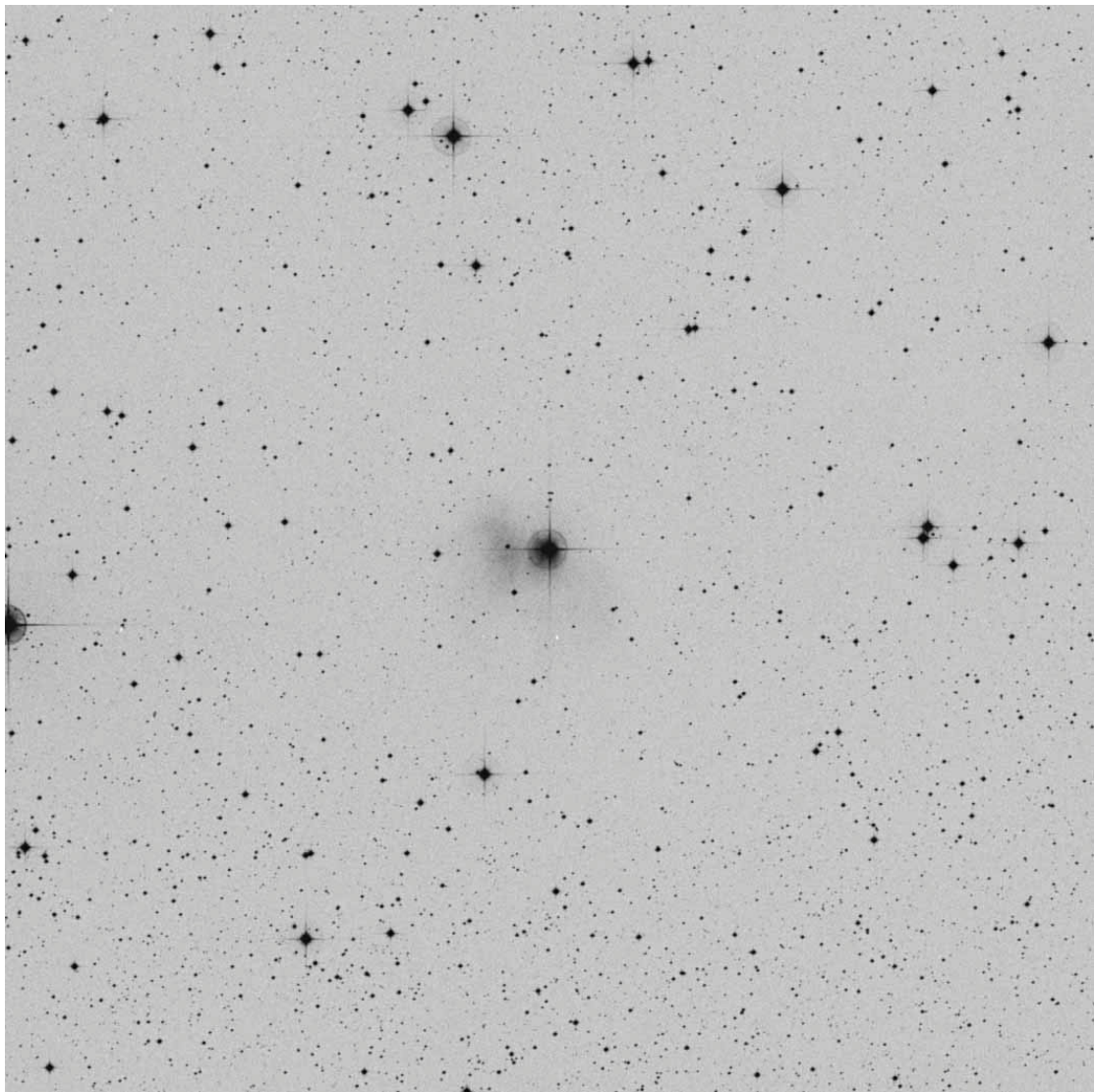
VdB-85 in Monoceros



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
85	Mon	06	46	51.6	+01	18	57	9.30	I-II	M	MOD

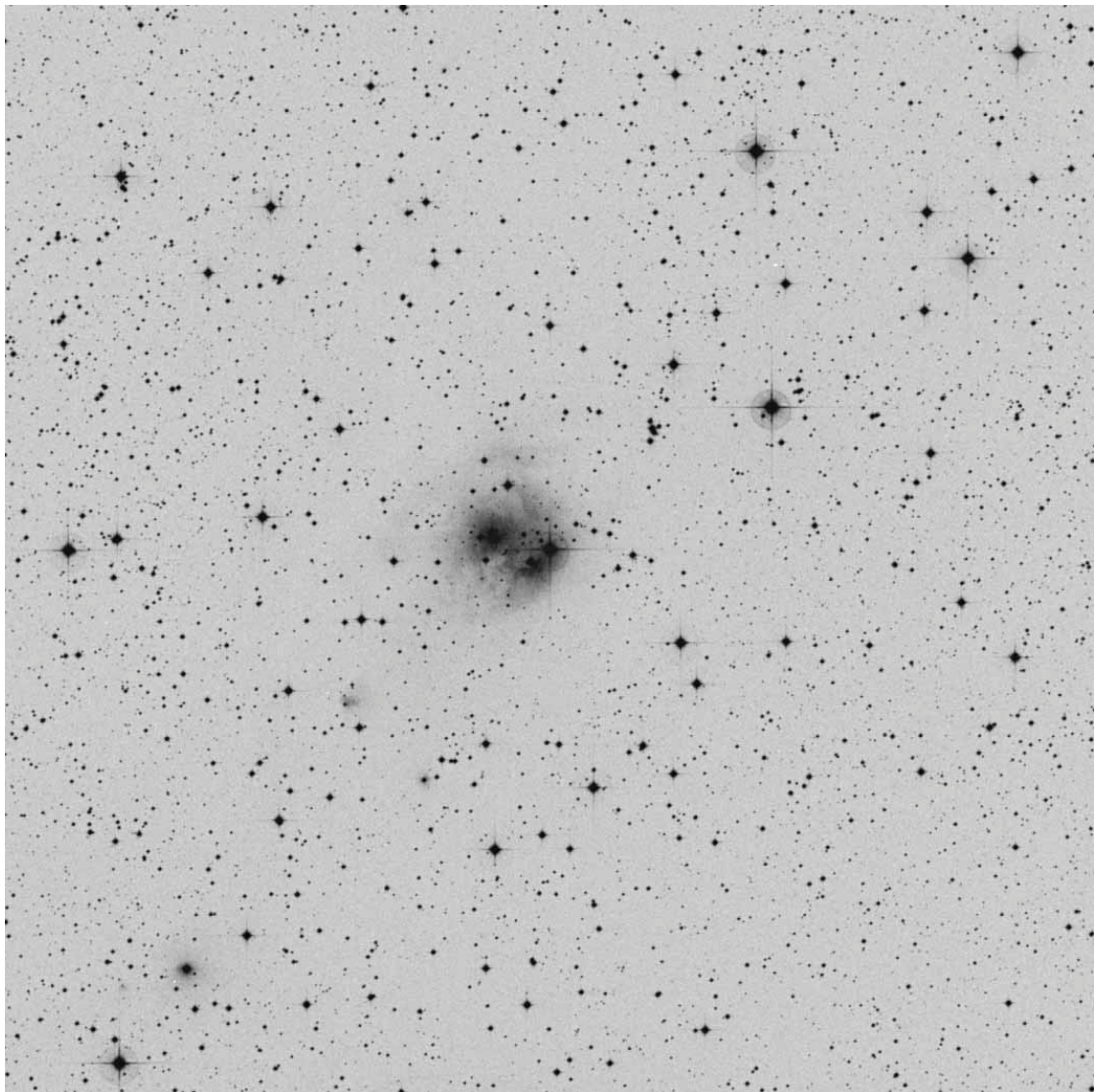
VdB-86 in Monoceros



30'X30'

VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
86	Mon	06	57 07.9	-10	16 47	8.20	II	M	WK

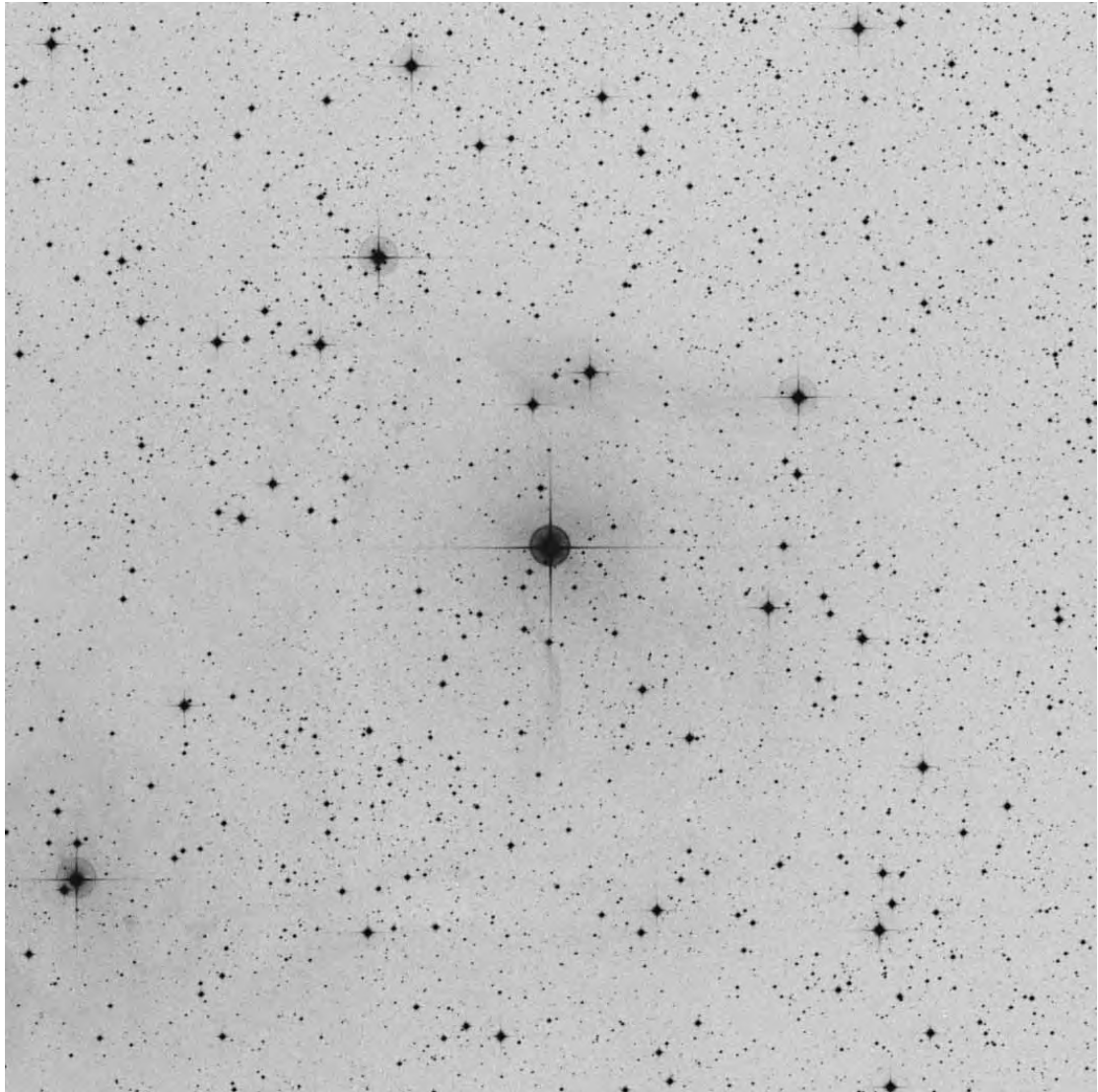
VdB-87 in Monoceros



30'X30'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
87	Mon	07	00	28.6	-08 51 58	8.80	I	BR	WK

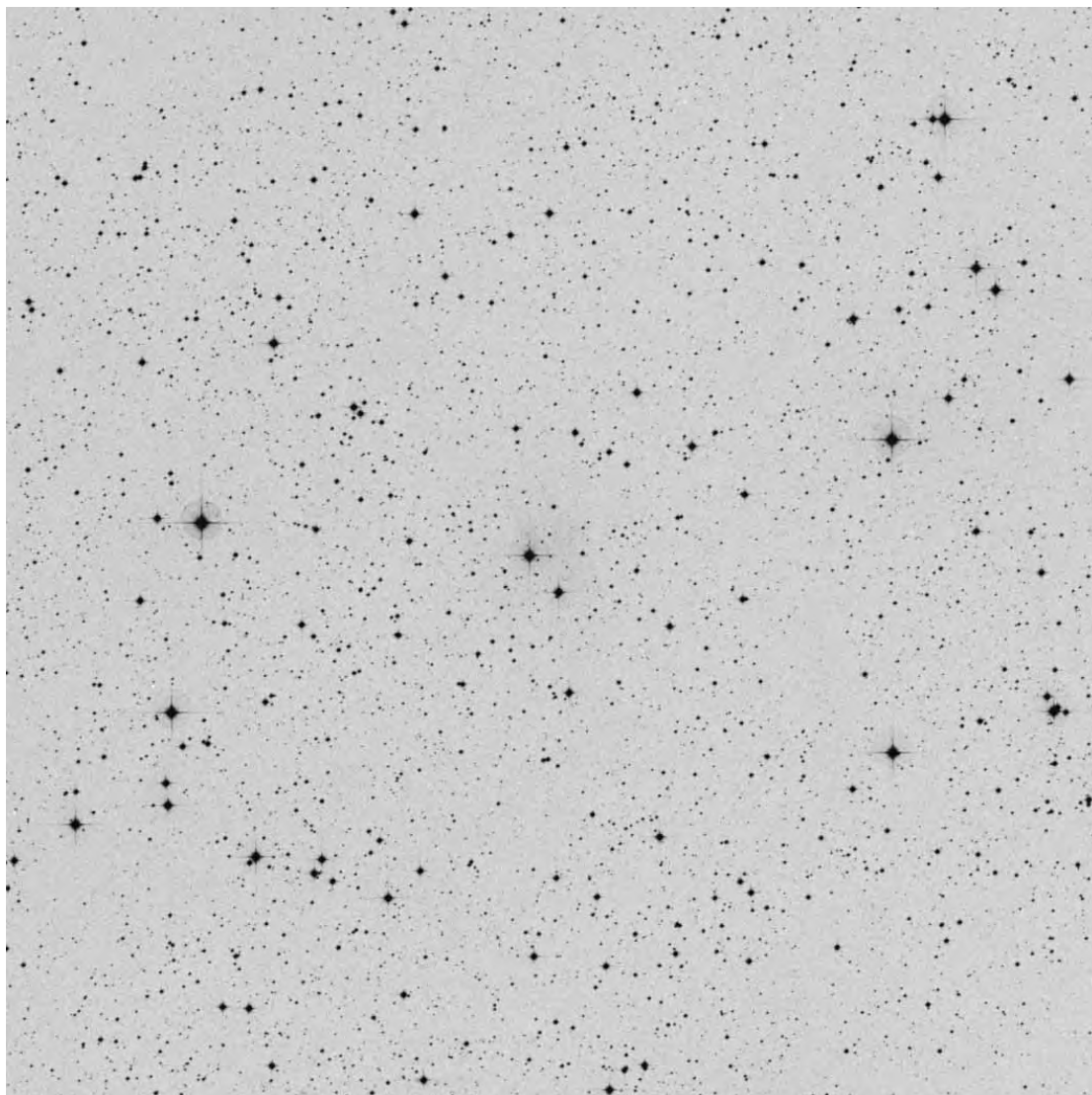
VdB-88 in Canis Major



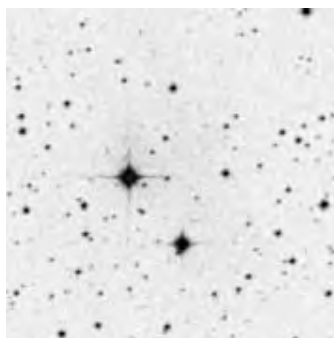
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
88	CMa	07	01	49.5	-11	18	03	7.20	I	F	WK

VdB-89 in Canis Major

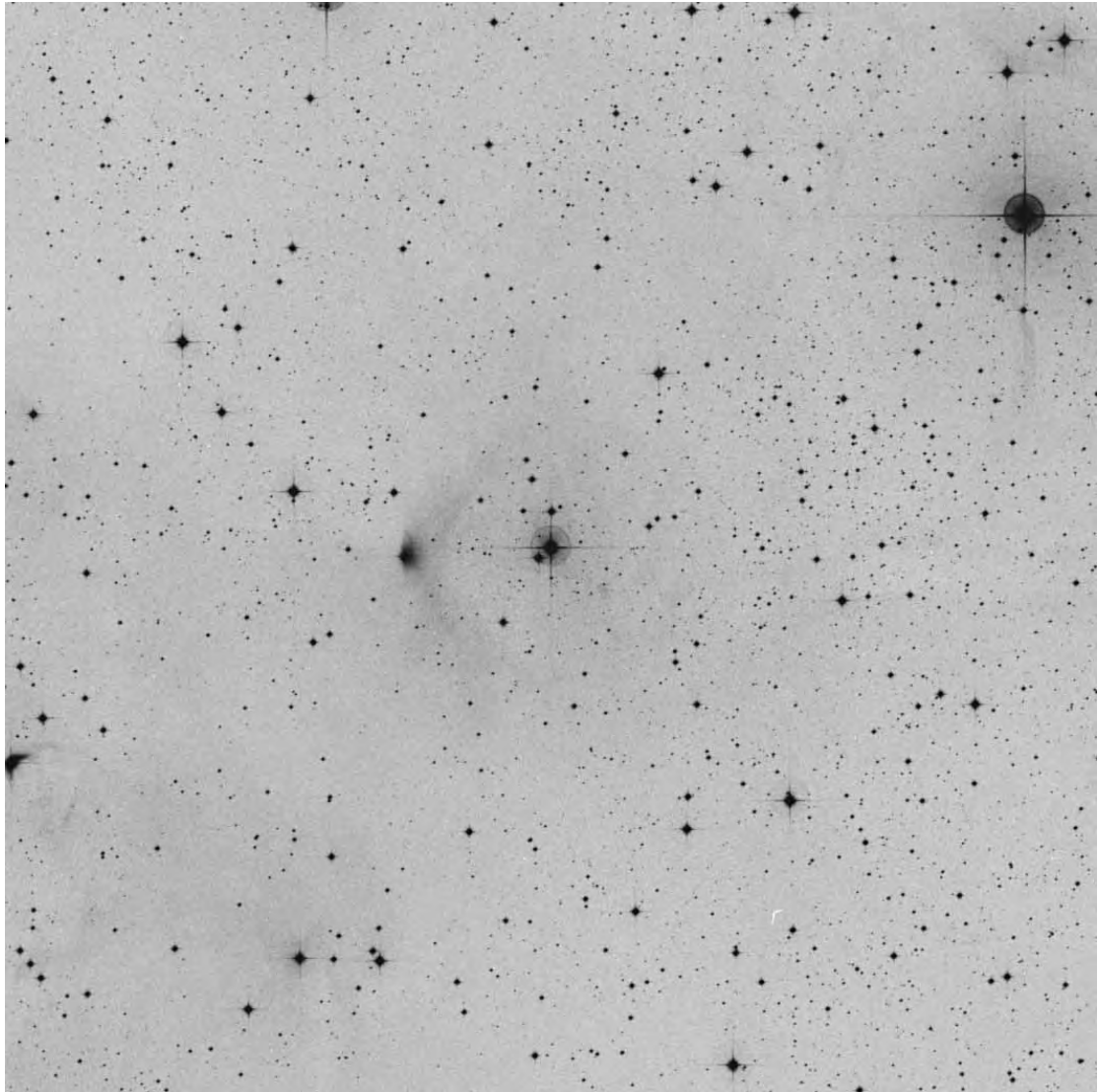


30'X30'



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
89	CMa	07 02 36.0	-12 14 00	9.50	I	VF	WK

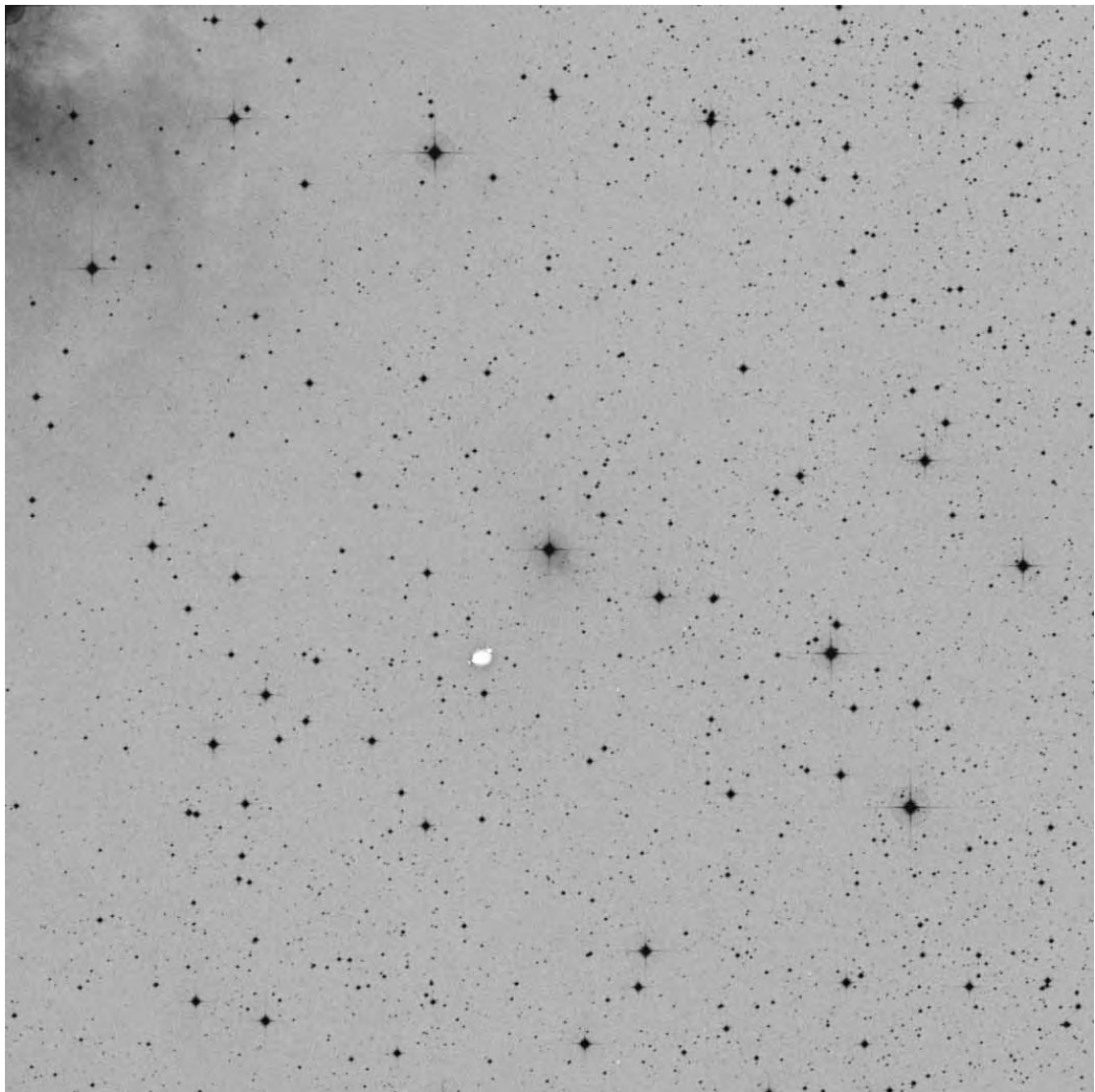
VdB-90 in Canis Major



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
90	CMa	07 02 42.6	-11 27 12	8.70	I	F	MOD

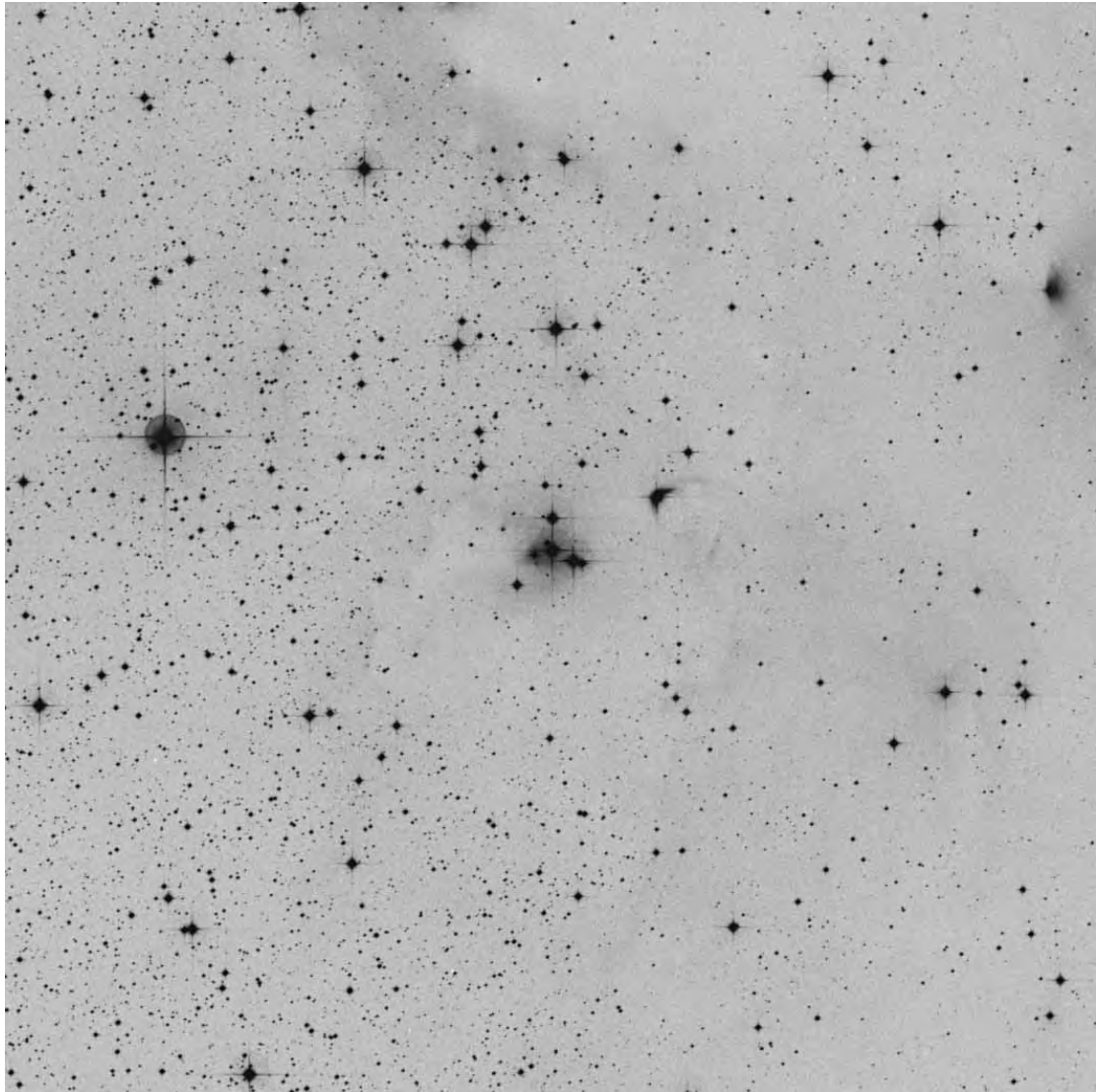
VdB-91 in Monoceros



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
91	Mon	07	03	24.6	-10	42	16	9.40	II	F	MOD

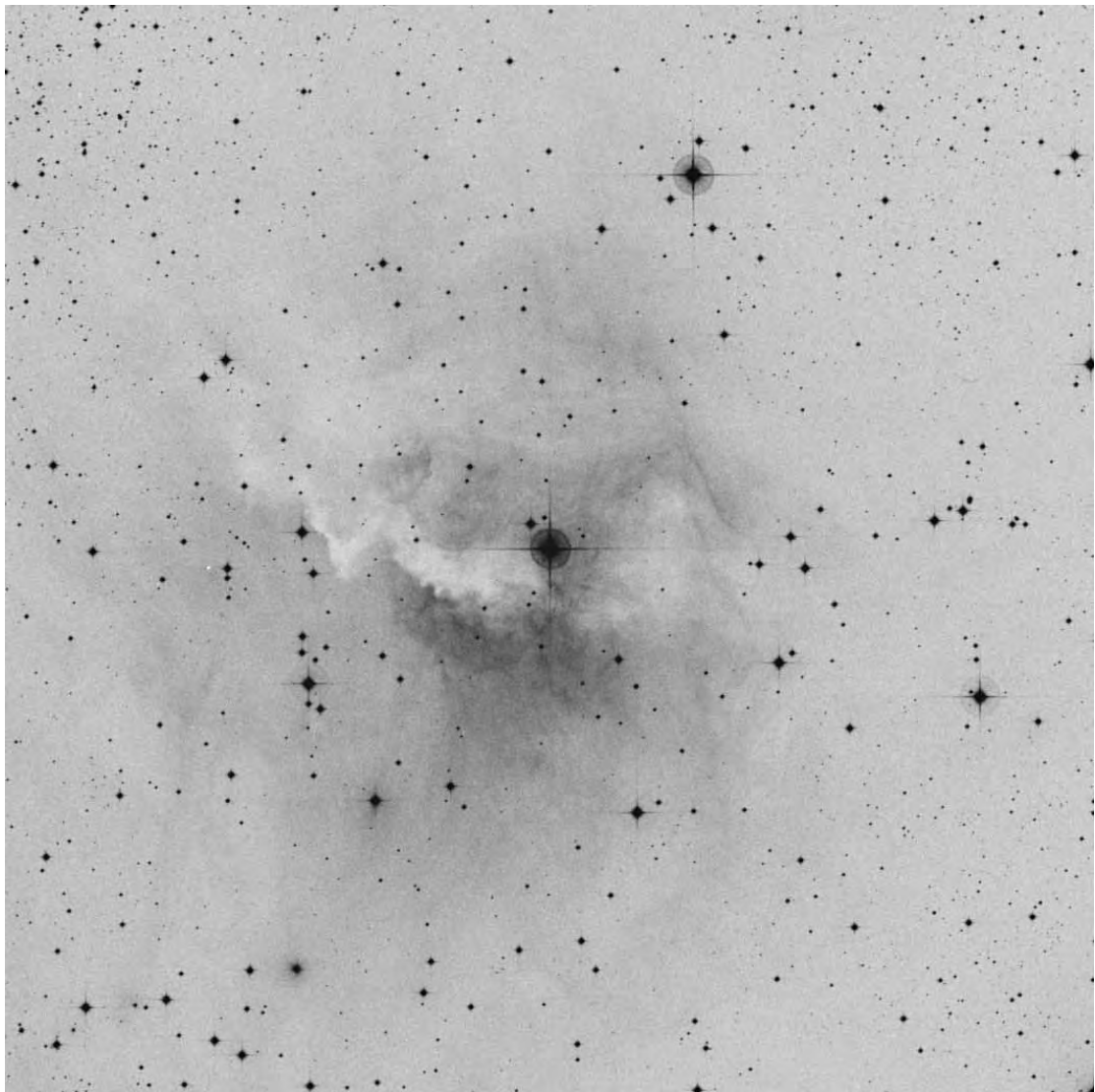
VdB-92 in Canis Major



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
92	CMa	07 03 54.9	-11 34 34	9.20	I	VF	MOD

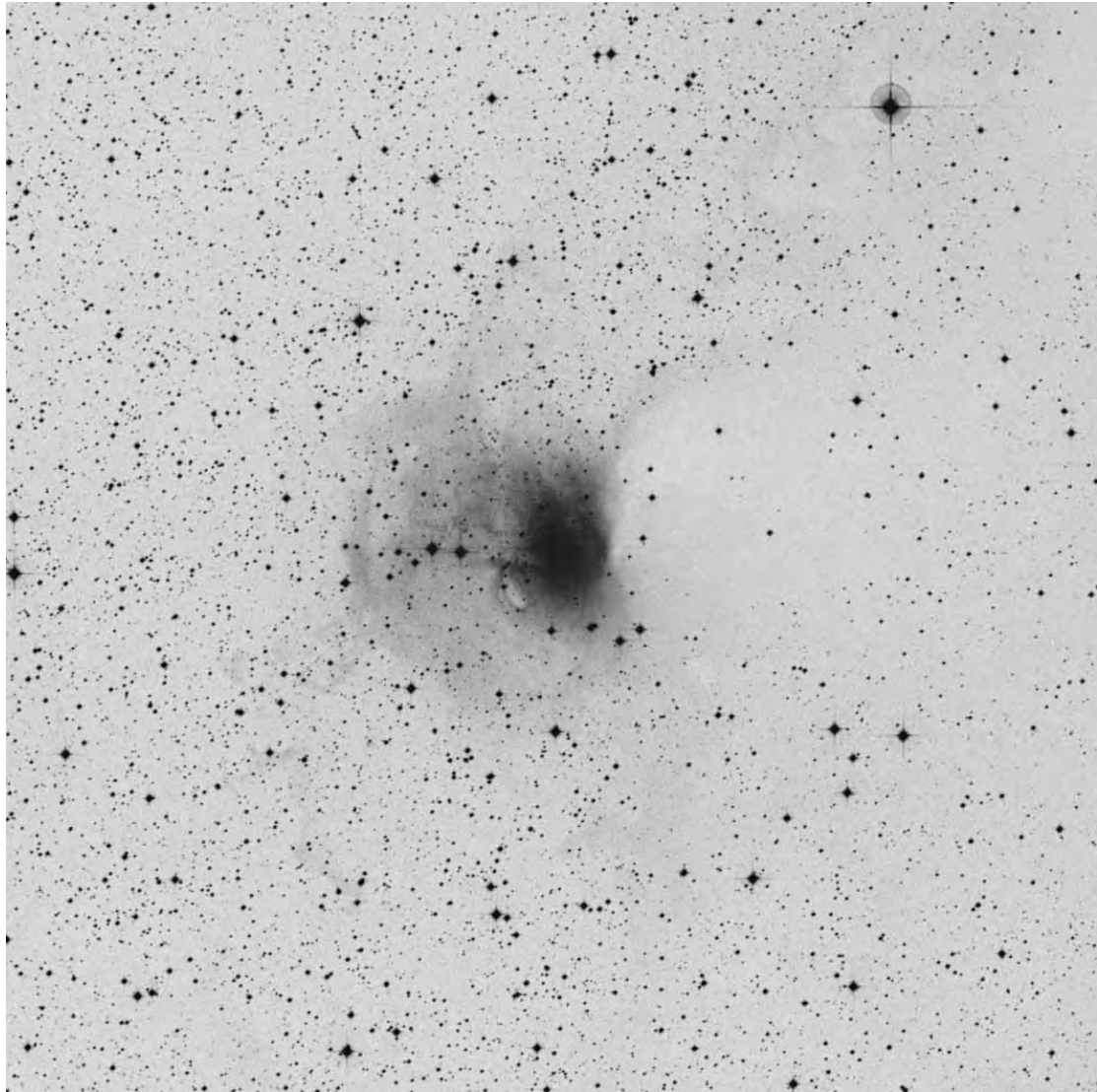
VdB-93 in Monoceros



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
93	Mon	07	04	25.5	-10	27	16	6.97	I	VBR	STR

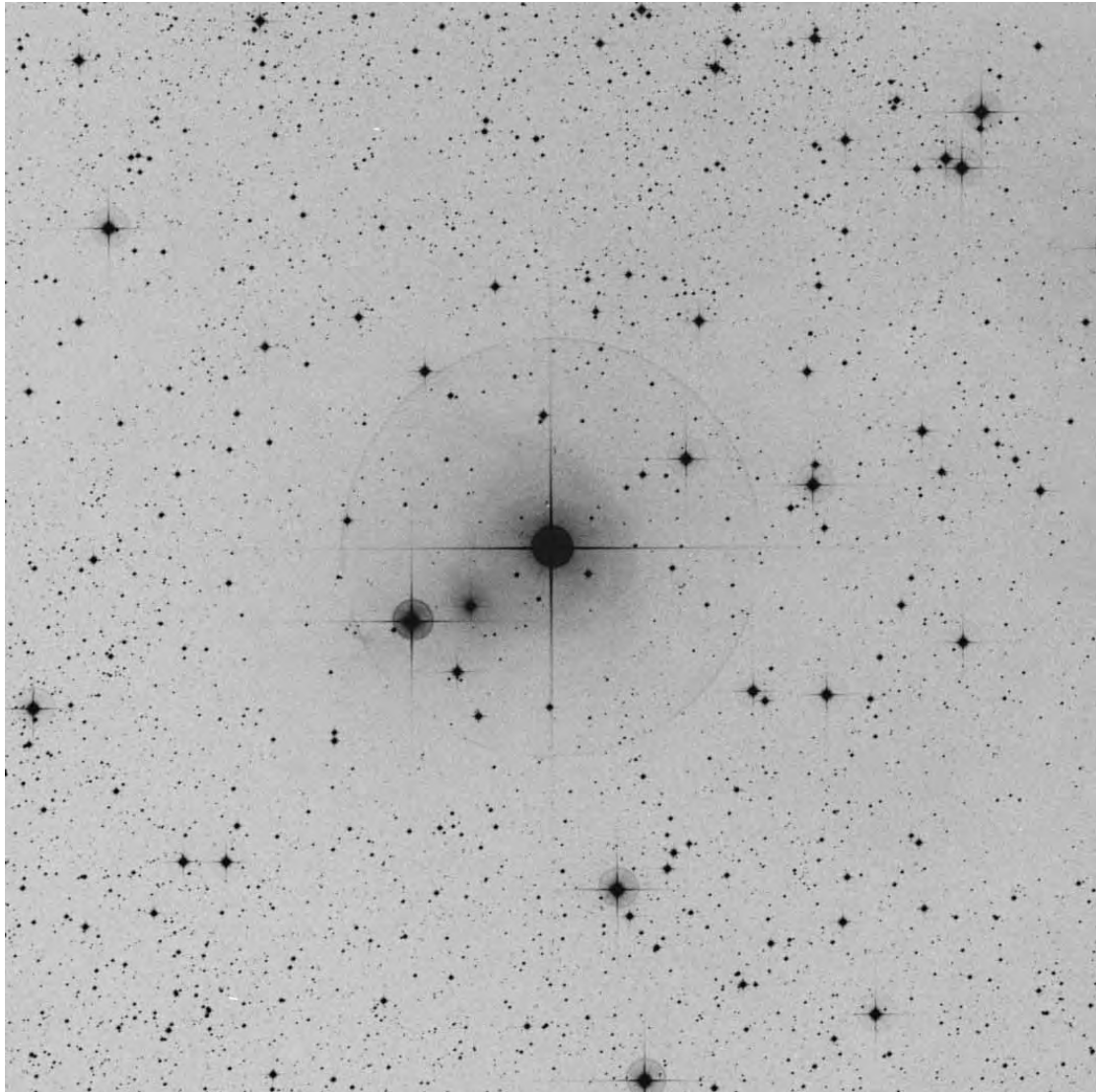
VdB-94 in Canis Major



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
94	CMa	07	05	16.7	-12	19	34	8.50	I	VBR	VAR

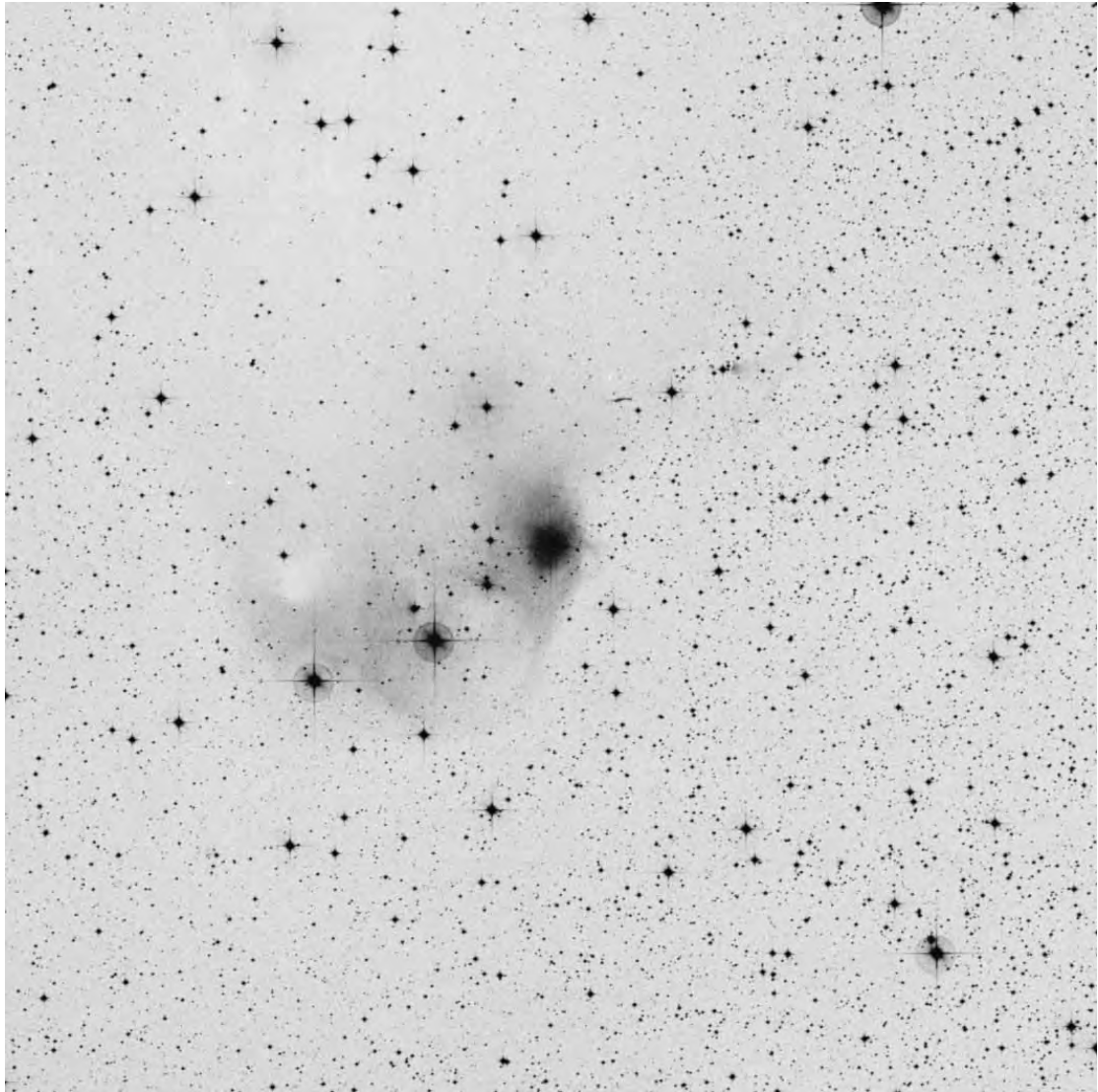
VdB-95 in Canis Major



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
95	CMa	07 06 40.8	-11 17 38	5.38	II	F	MOD

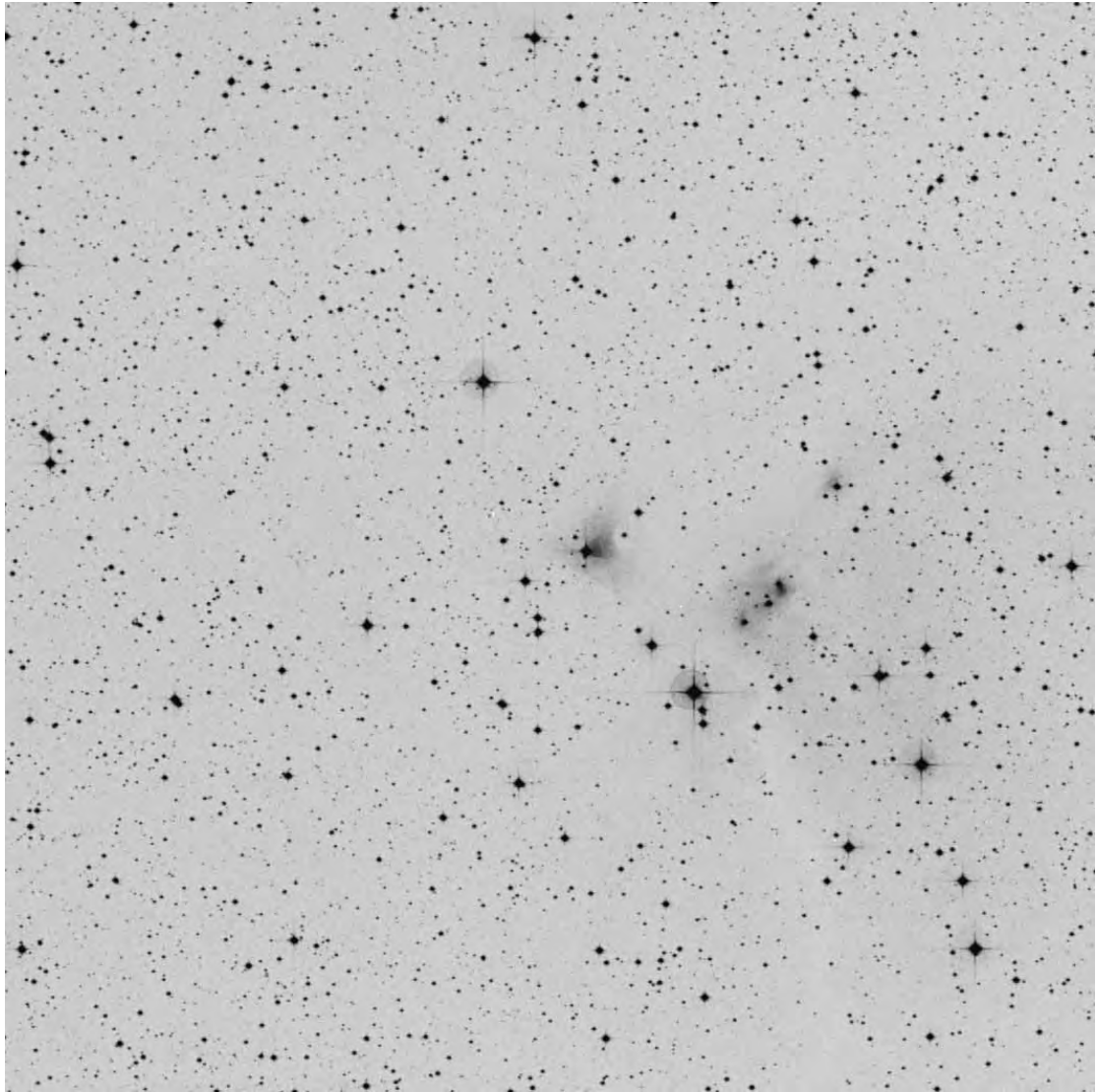
VdB-96 in Canis Major



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
96	CMa	07	19	37.5	-24	01	28	9.20	I	M	MOD

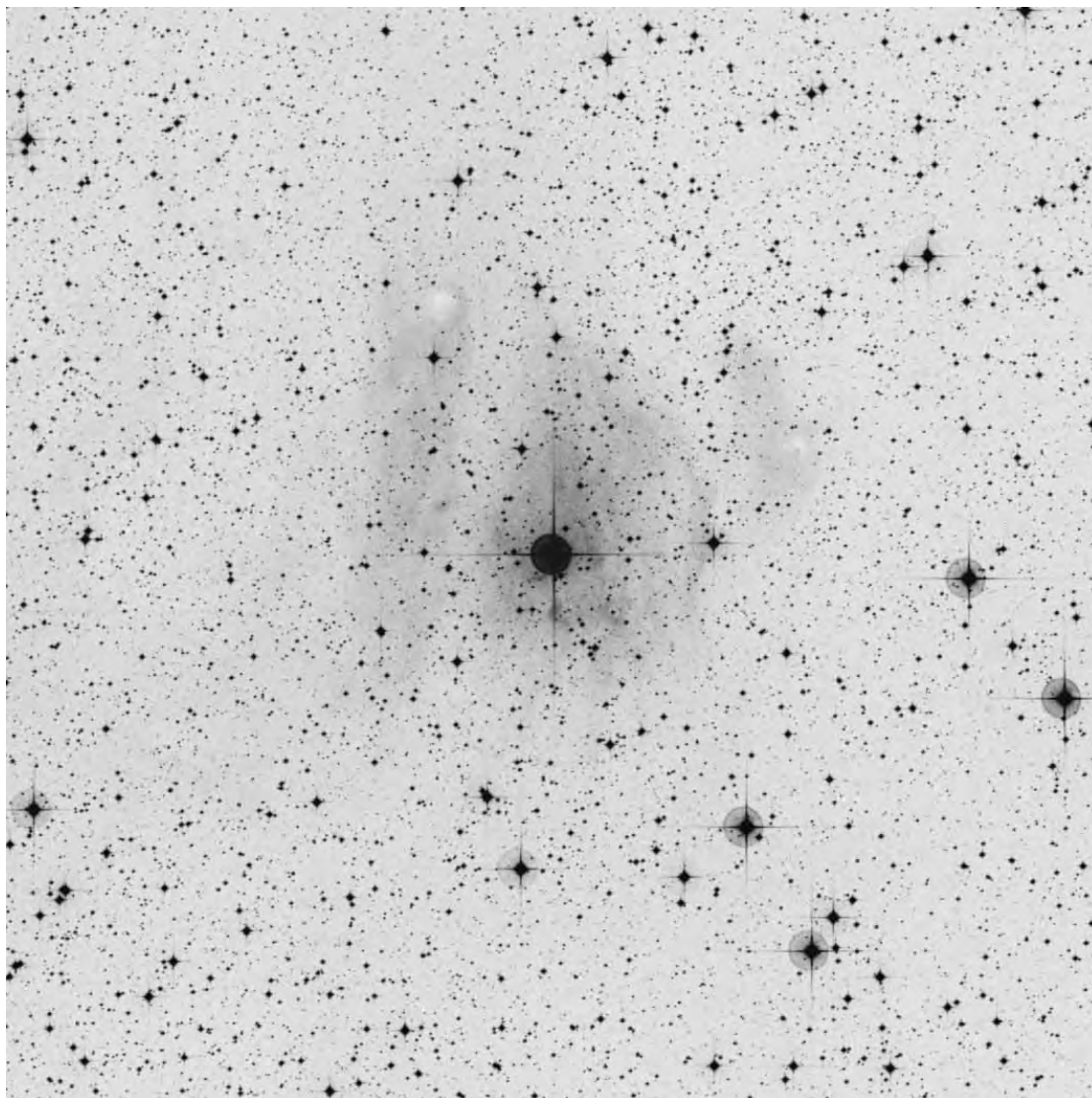
VdB-97 in Monoceros



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
97	Mon	07	32	30.0	-16	54	00	9.90	I-II	M	MOD

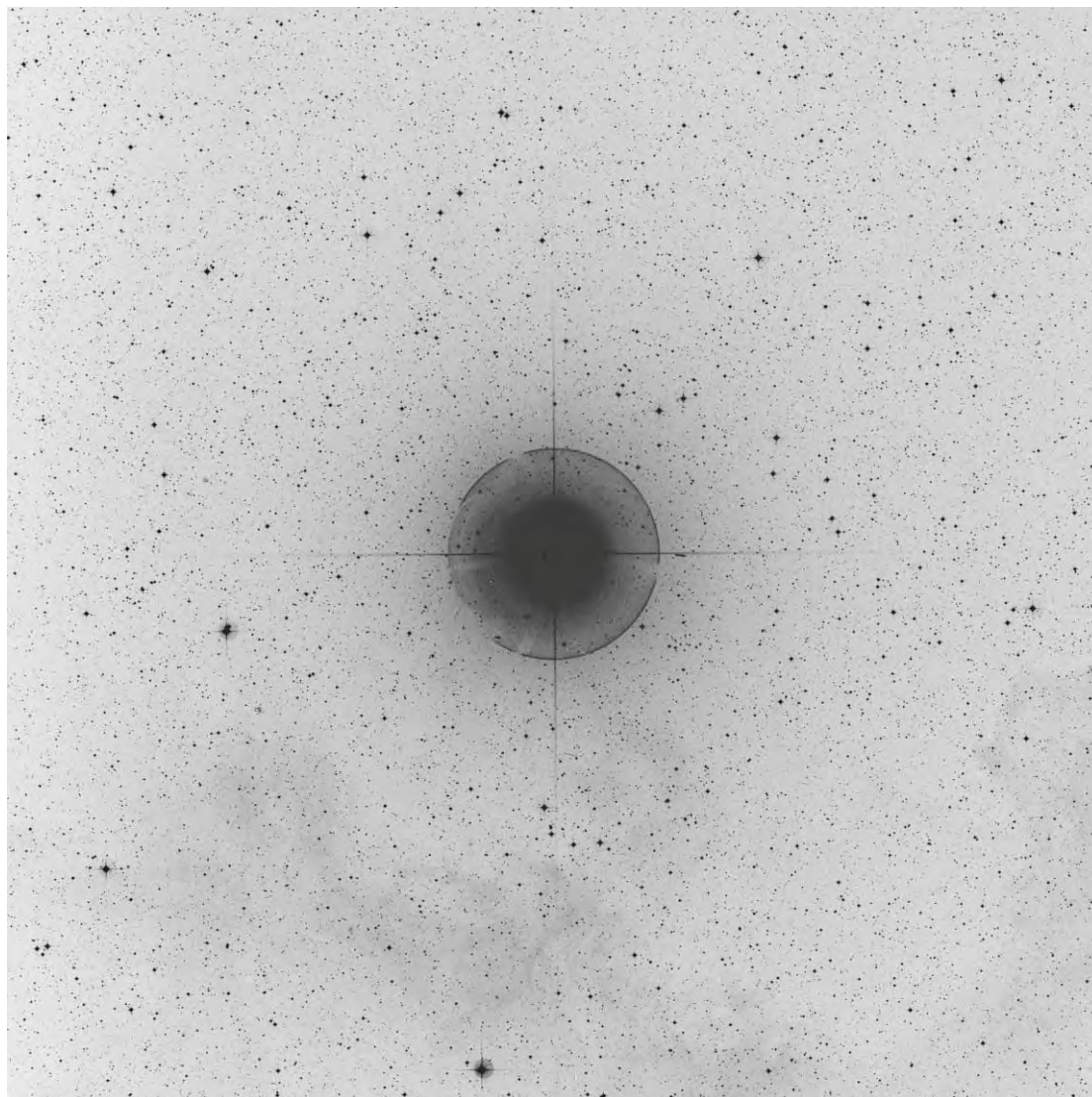
VdB-98 in Pupis



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
98	Pup	07	36	31.8	-25	19	58	7.30	I	M	WK

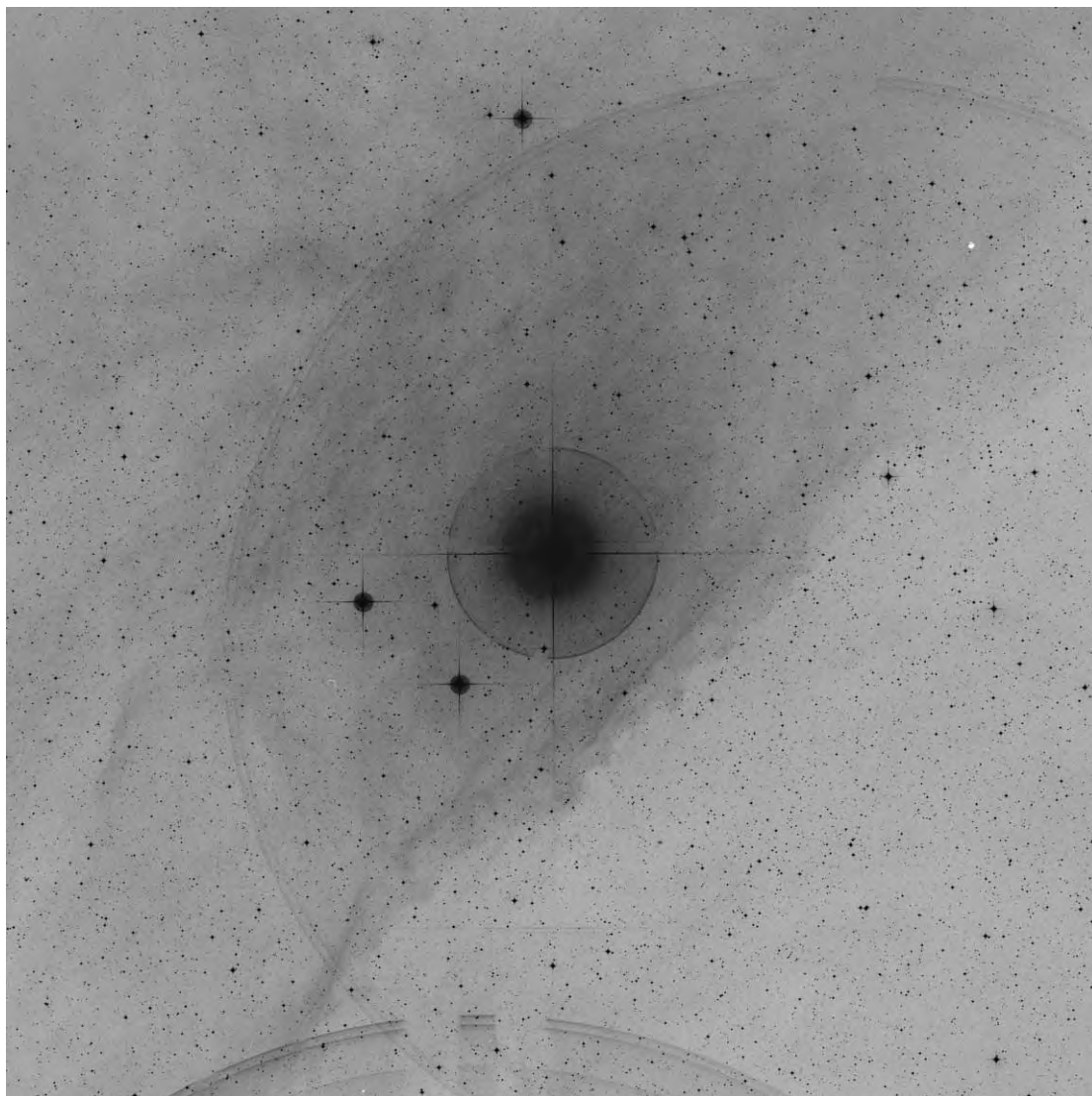
VdB-99 in Scorpius



60'X60'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
99	Sco	15	58	51.1	-26 06 51	2.89	II	M	WK

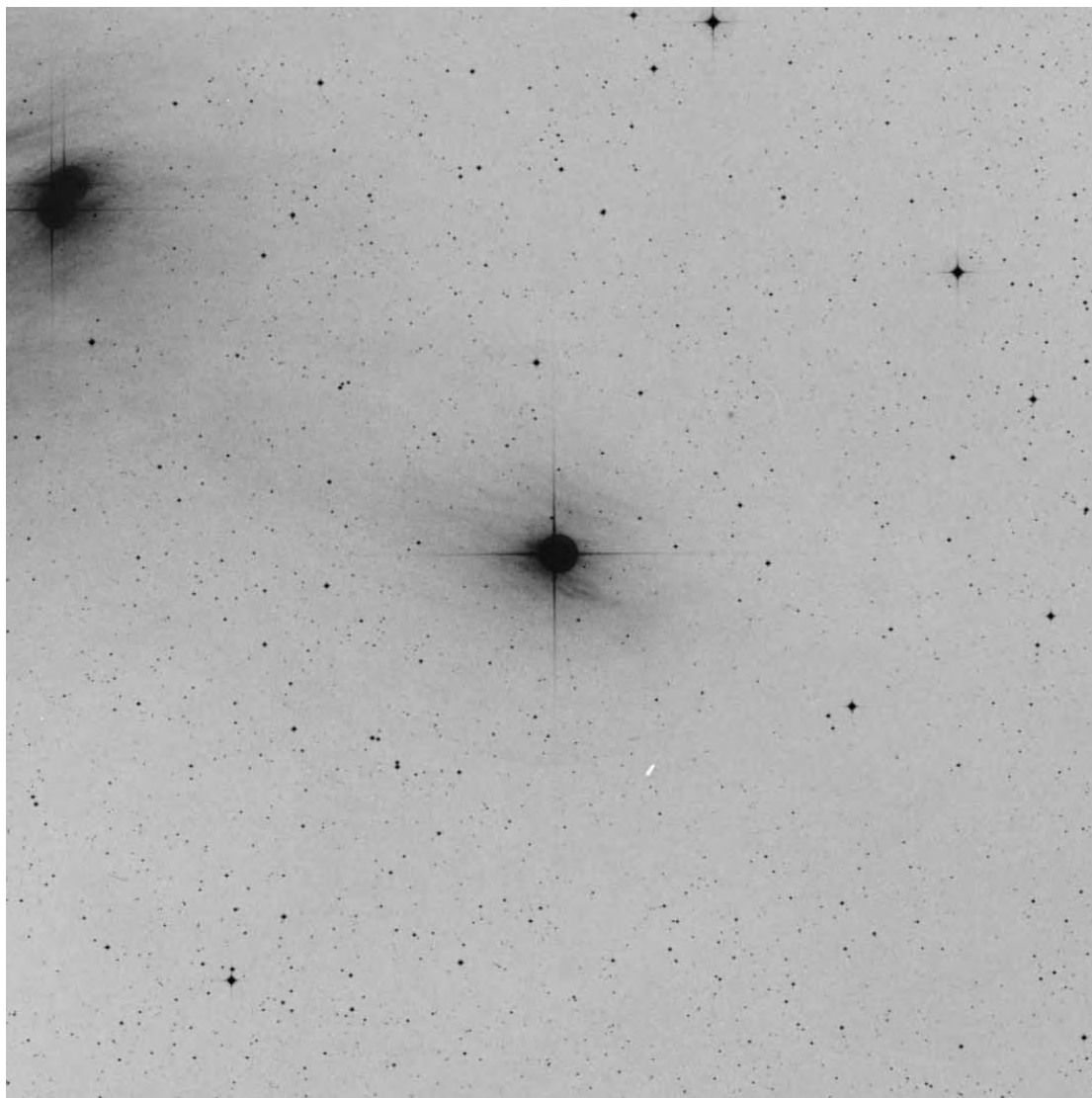
VdB-100 in Scorpius



60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
100	Sco	16	11	59.7	-19	27	39	4.03	II	M	WK

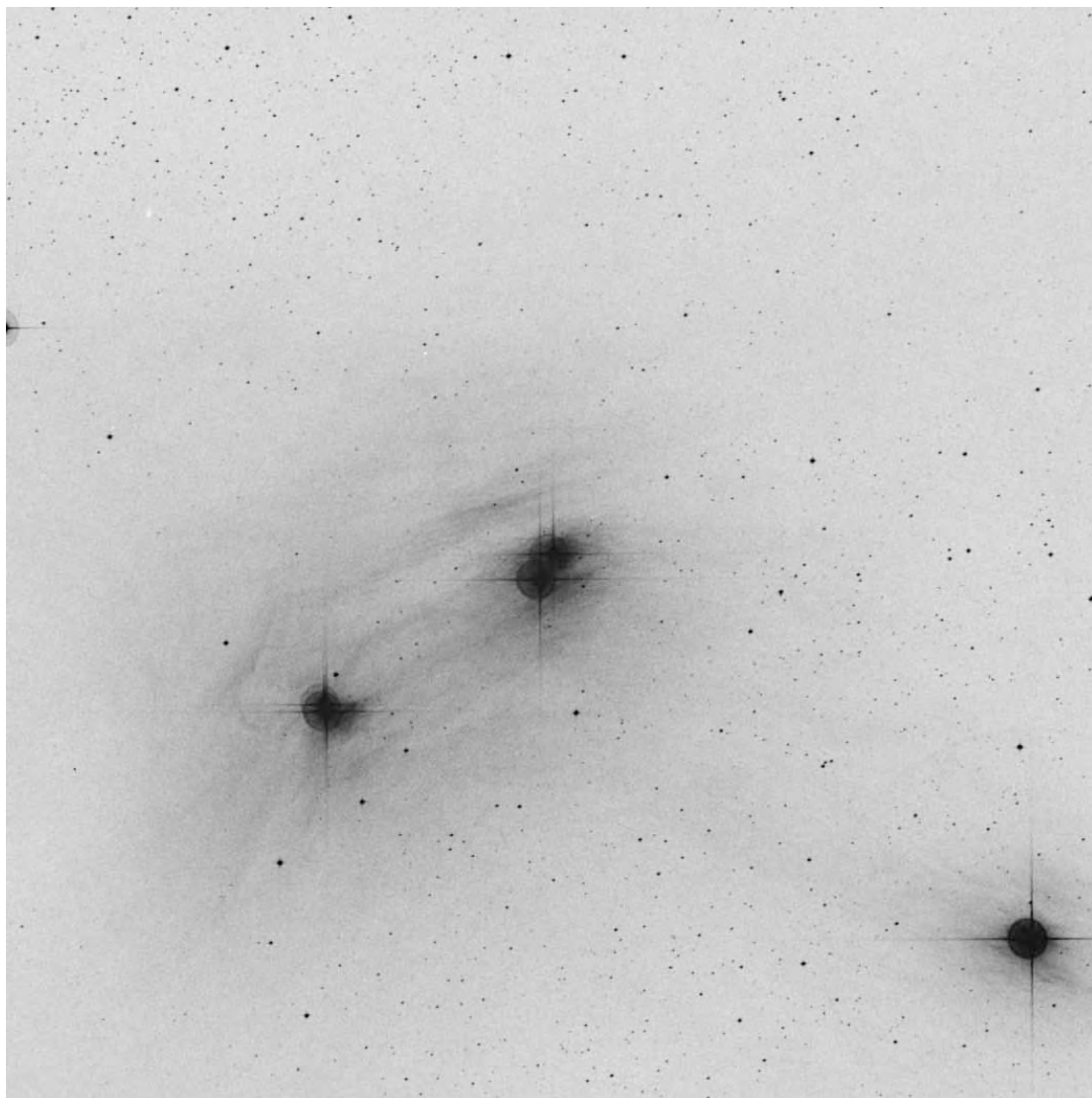
VdB-101 in Scorpius



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
101	Sco	16 19 07.7	-20 13 05	6.37	I	F	WK

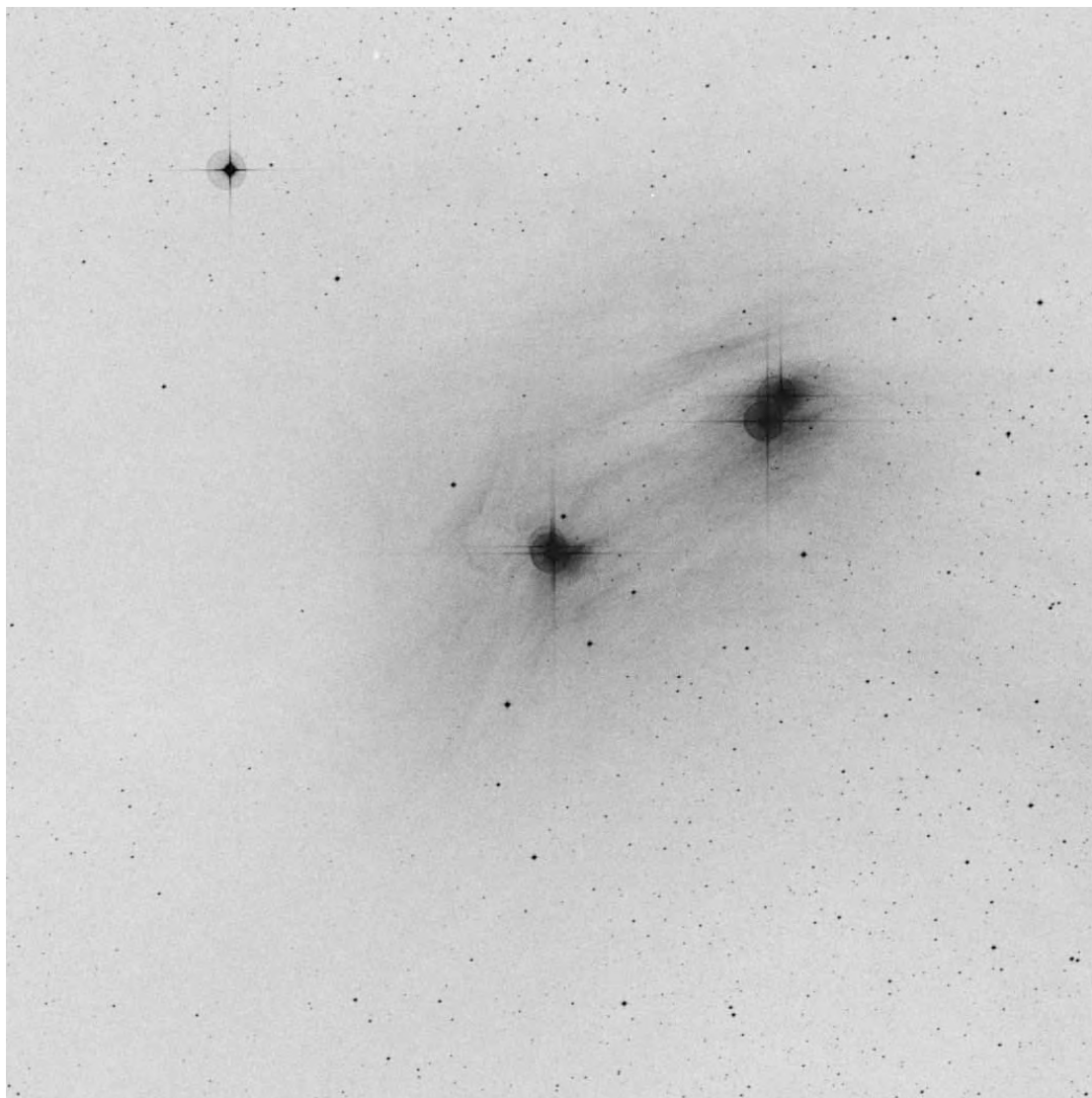
VdB-102 in Scorpius



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
102	Sco	16 20 04.0	-20 02 42	8.08	I	BR	MOD

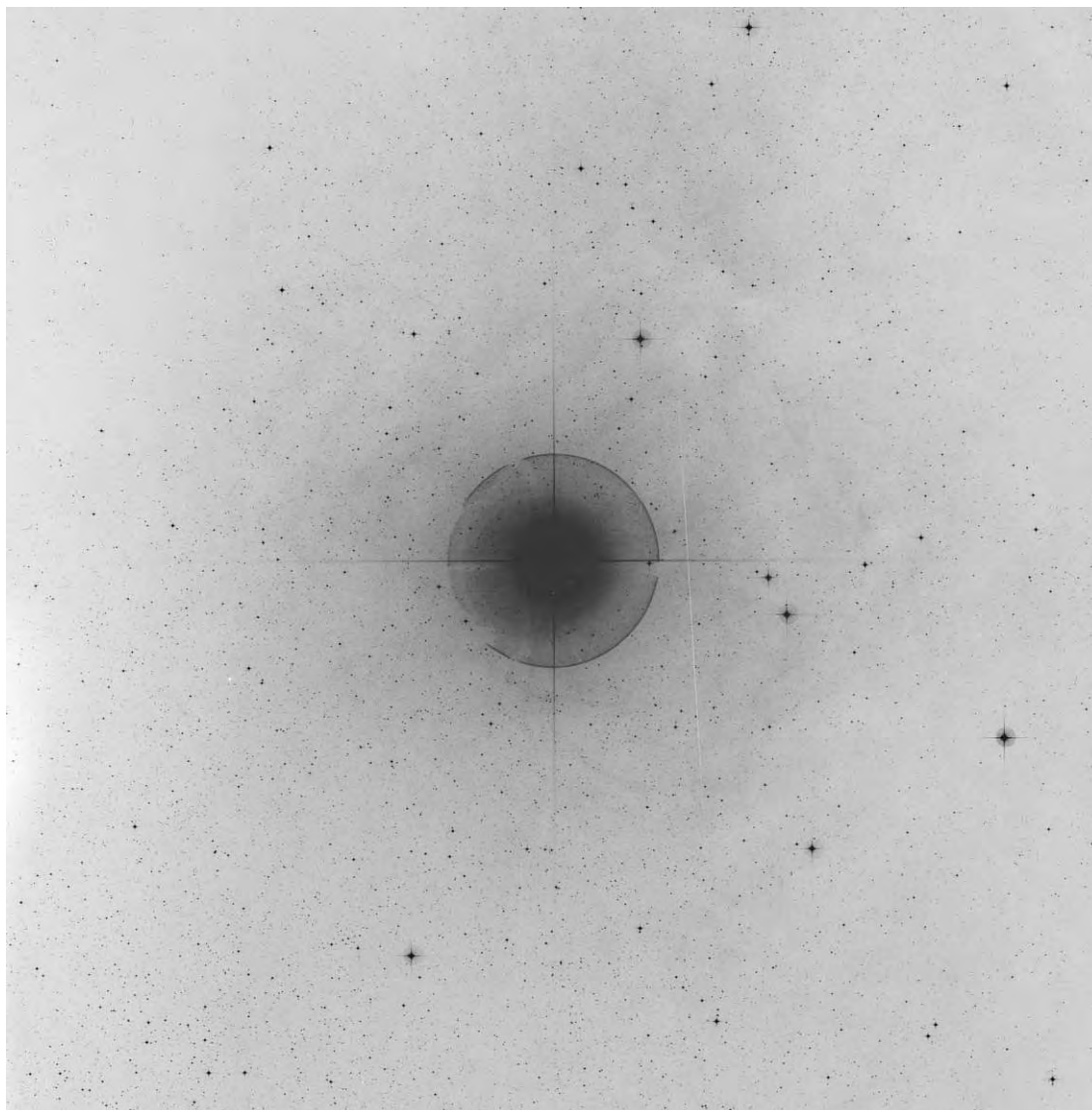
VdB-103 in Scorpius



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
103	Sco	16	20	30.3	-20	07	04	7.30	I	M	MOD

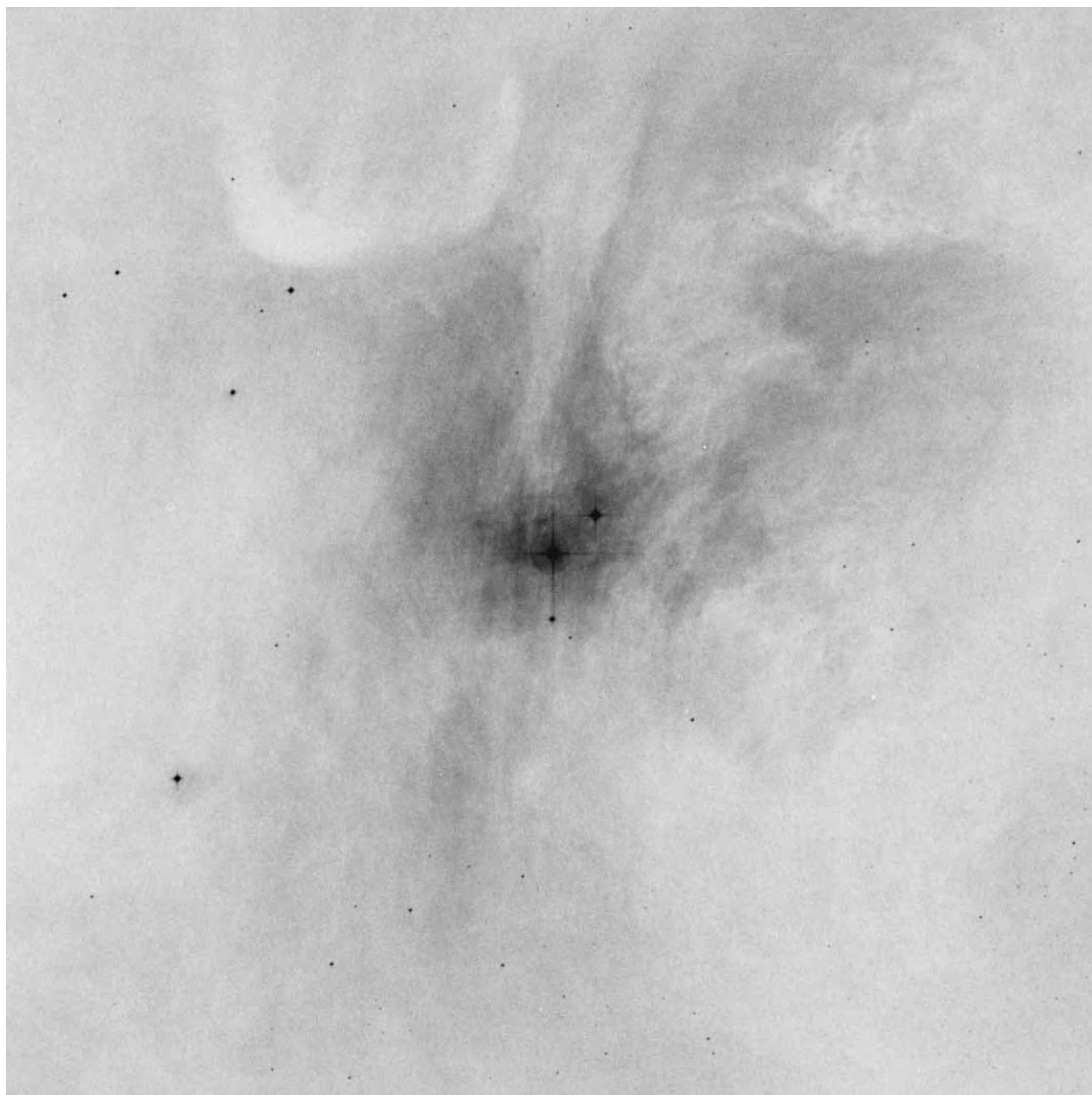
VdB-104 in Scorpius



60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
104	Sco	16	21	11.3	-25	35	34	2.89	I	M	MOD

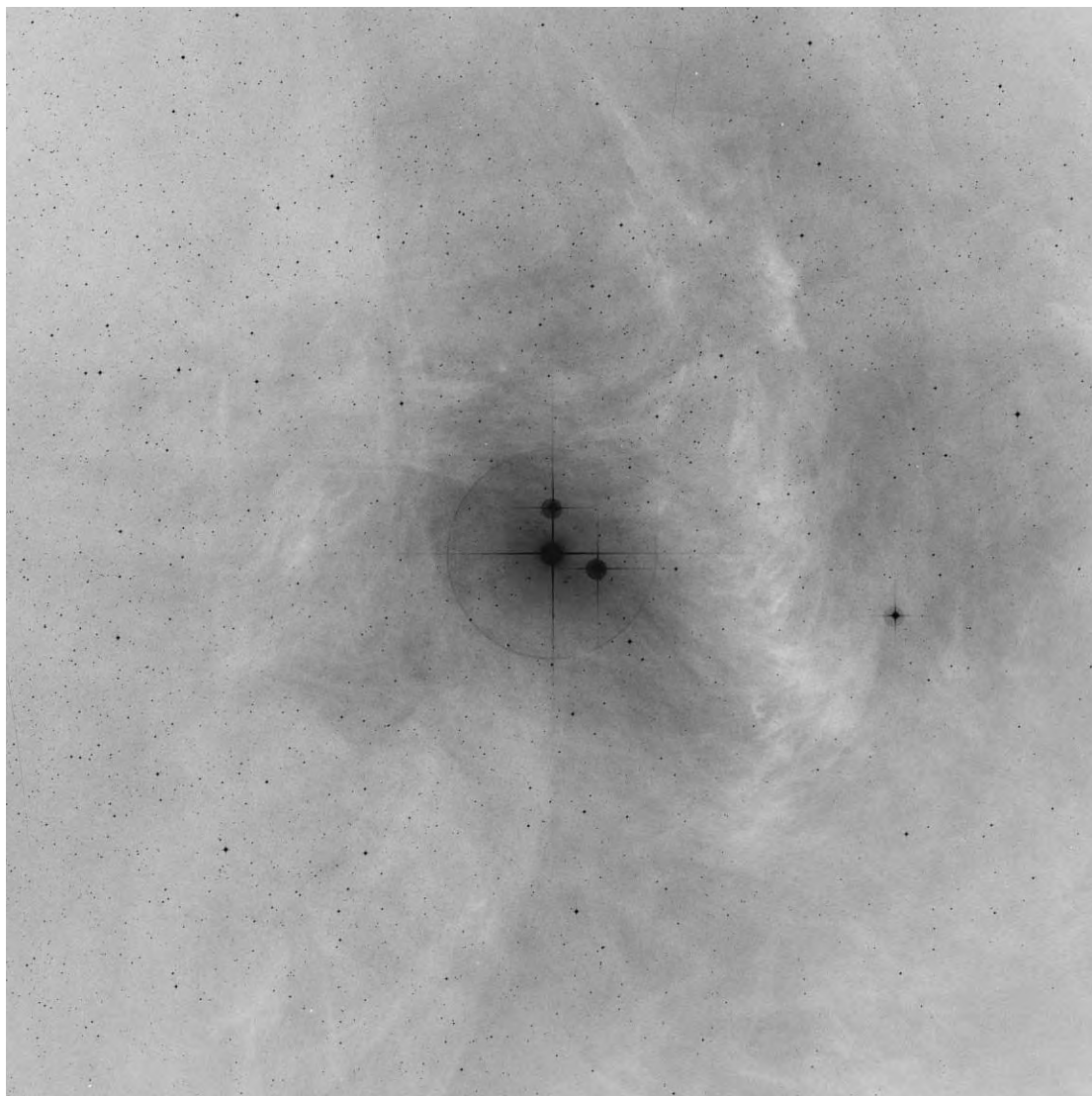
VdB-105 in Scorpius



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
105	Sco	16	25	24.3	-24	27	57	7.89	I	M	VSTR

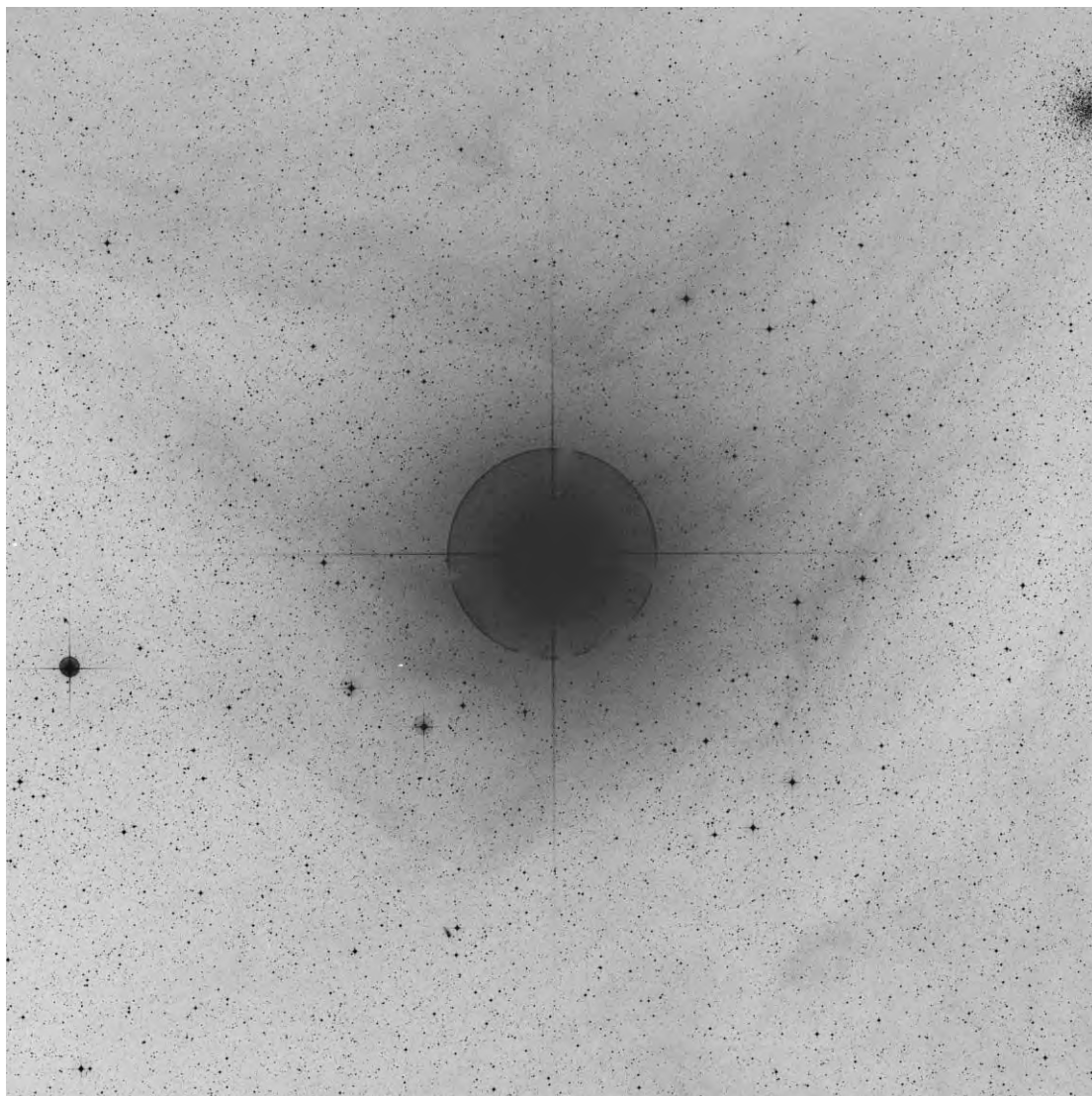
VdB-106 in Scorpius



60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
106	Sco	16	25	35.1	-23	26	50	4.61	I	BR	MOD

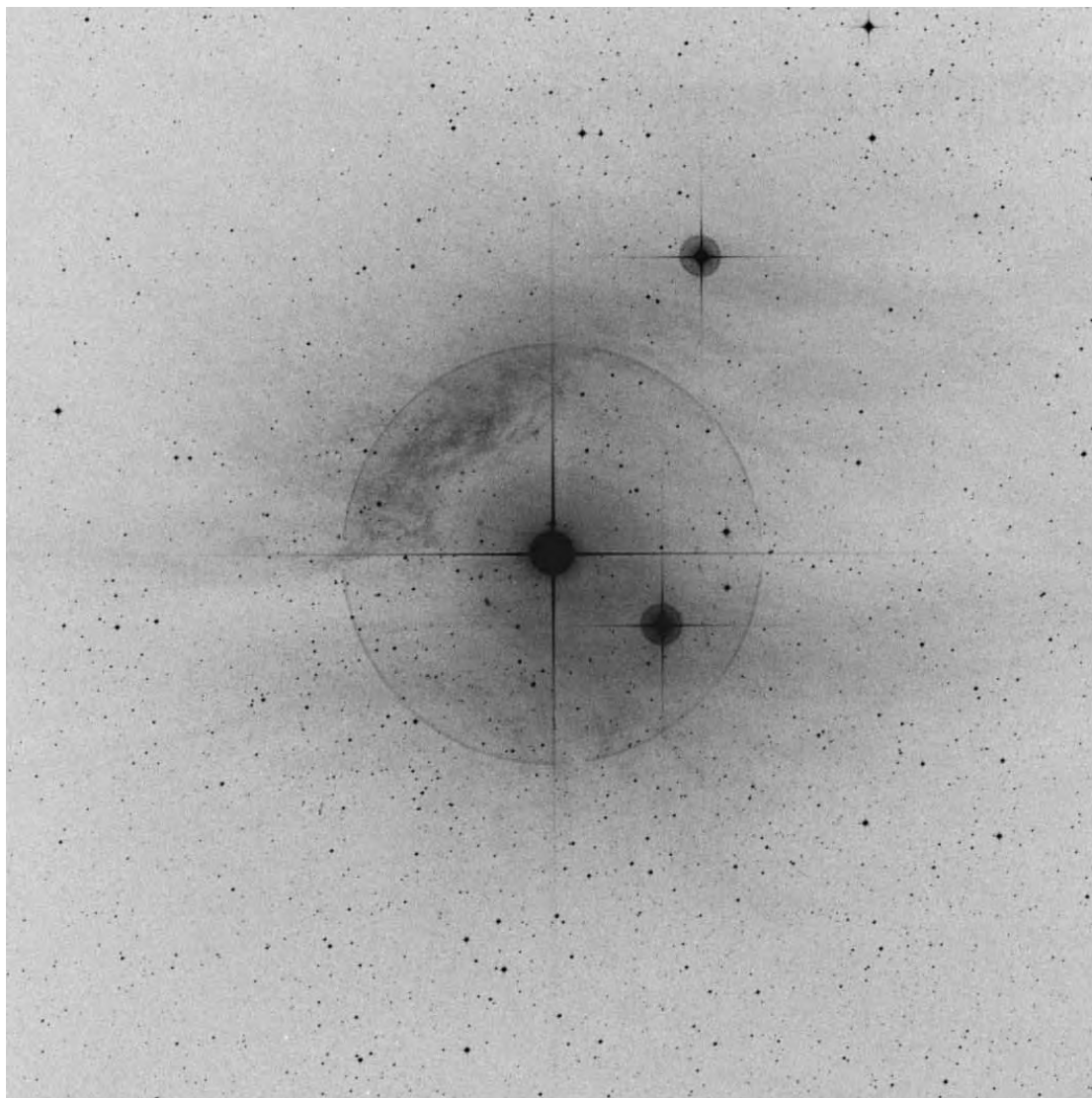
VdB-107 in Scorpius



60'X60'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
107	Sco	16	29	24.5	-26	25	55	0.92	I	M	WK

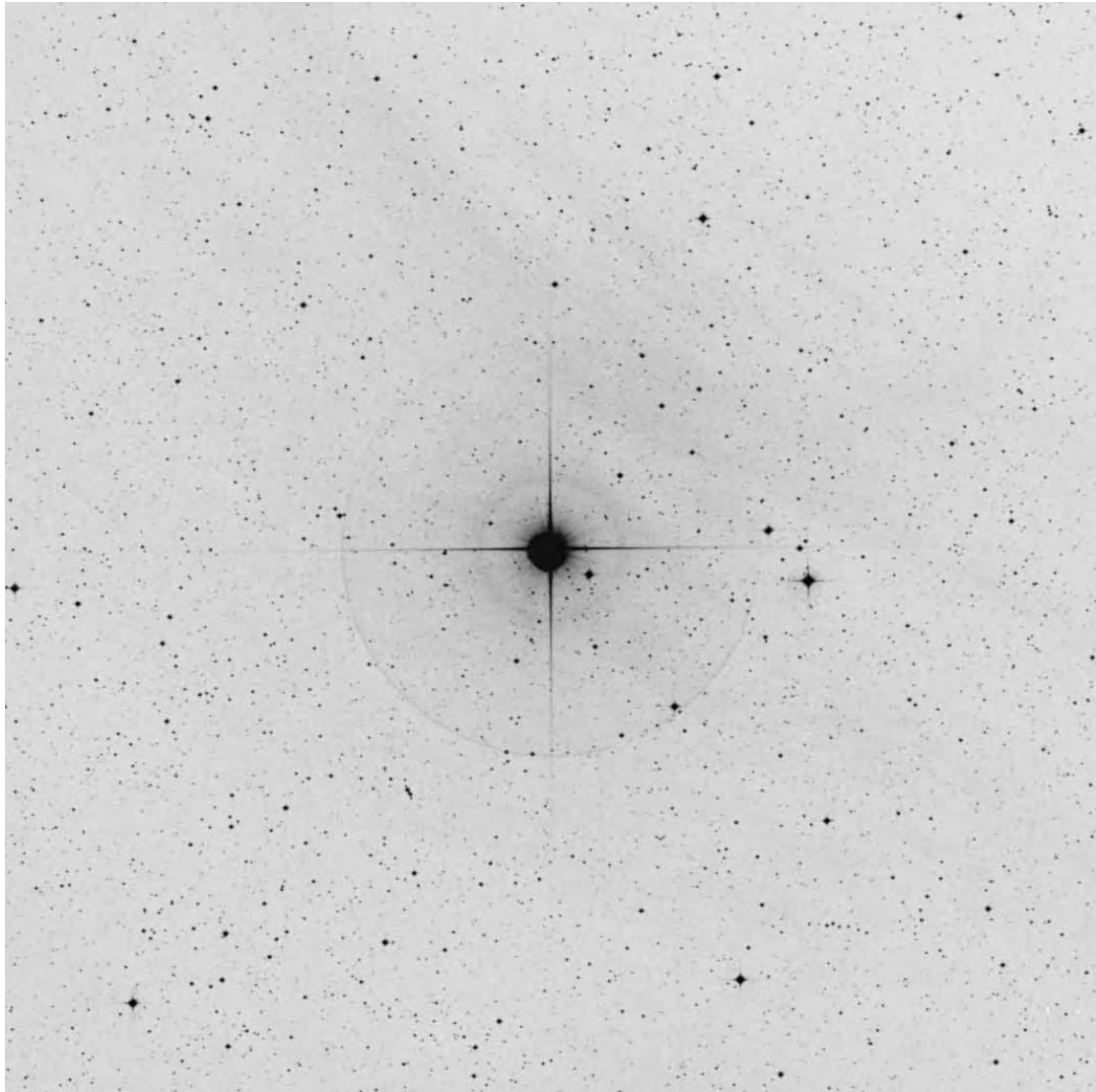
VdB-108 in Scorpius



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
108	Sco	16	30	12.5	-25	06	55	4.78	I	M	MOD

VdB-109 in Ophiuchus



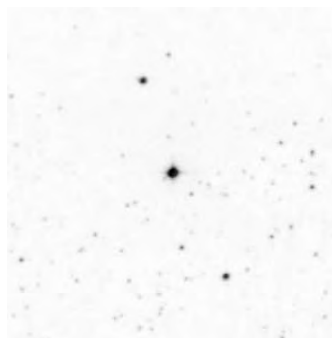
30'X30'

VdB	Con	RA			Dec	Vmag	Type	SurfBr	Absorb
109	Oph	16	41	34.4	-17 44 32	5.30	II	VF	WK

VdB-110 in Sagittarius

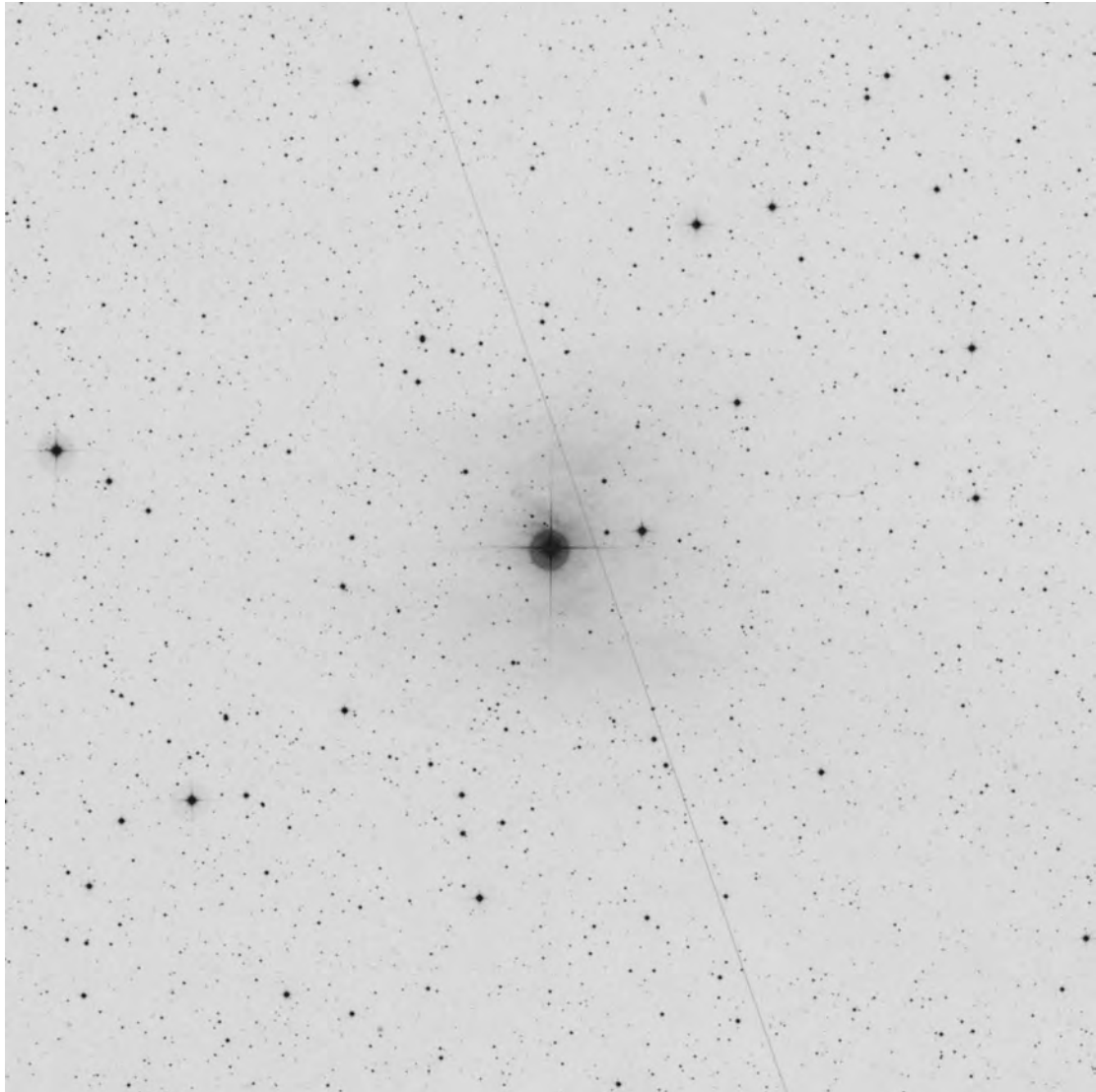


30'X30'-Red



VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
110	Sgr	17	16	06.5	-21	01	58	9.40	I	M	STR

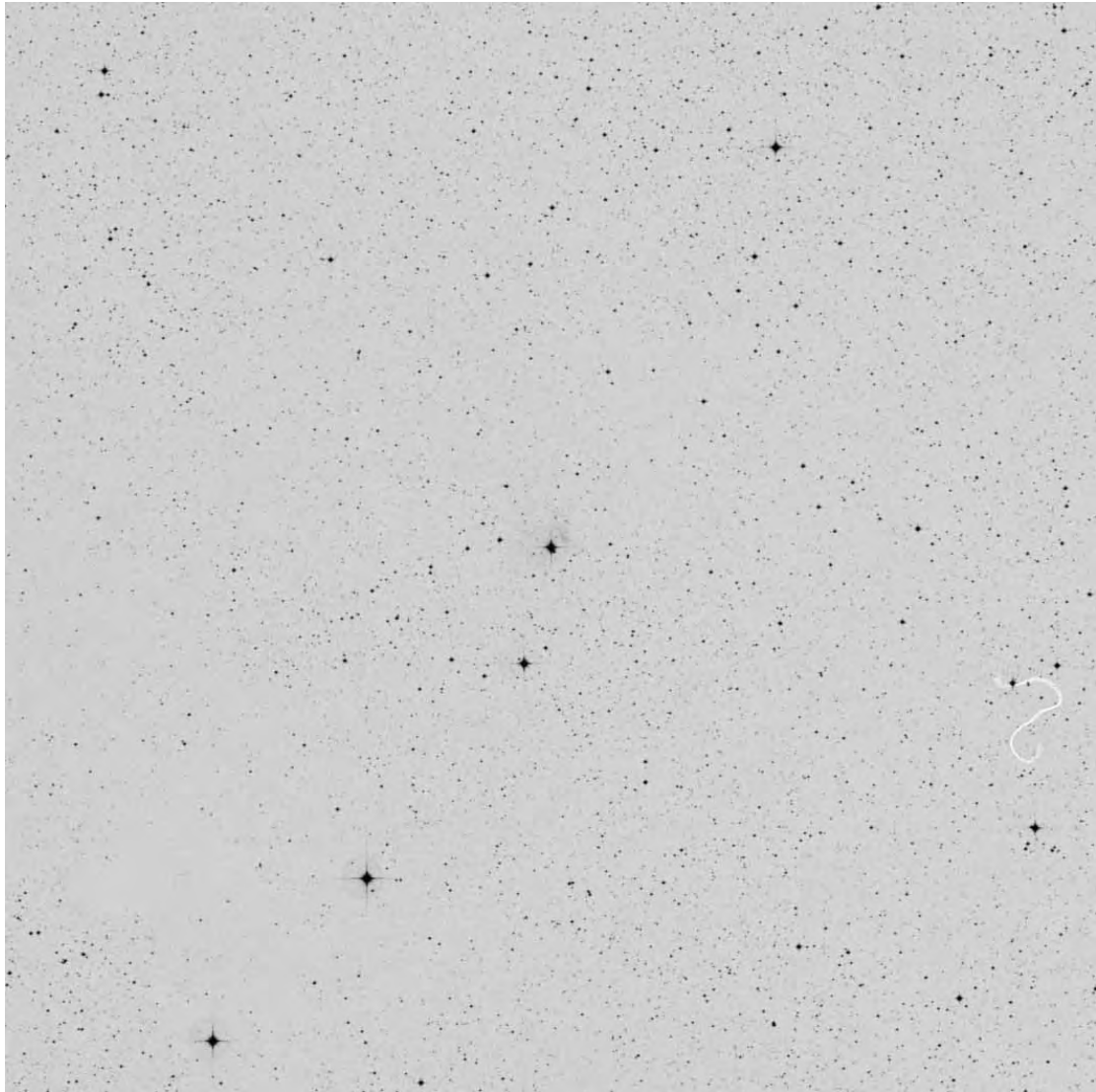
VdB-111 in Ophiuchus



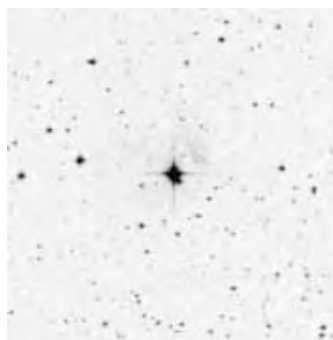
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
111	Oph	17	18	52.8	+06	05	08	6.49	II	M	ABS

VdB-112 in Ophiuchus

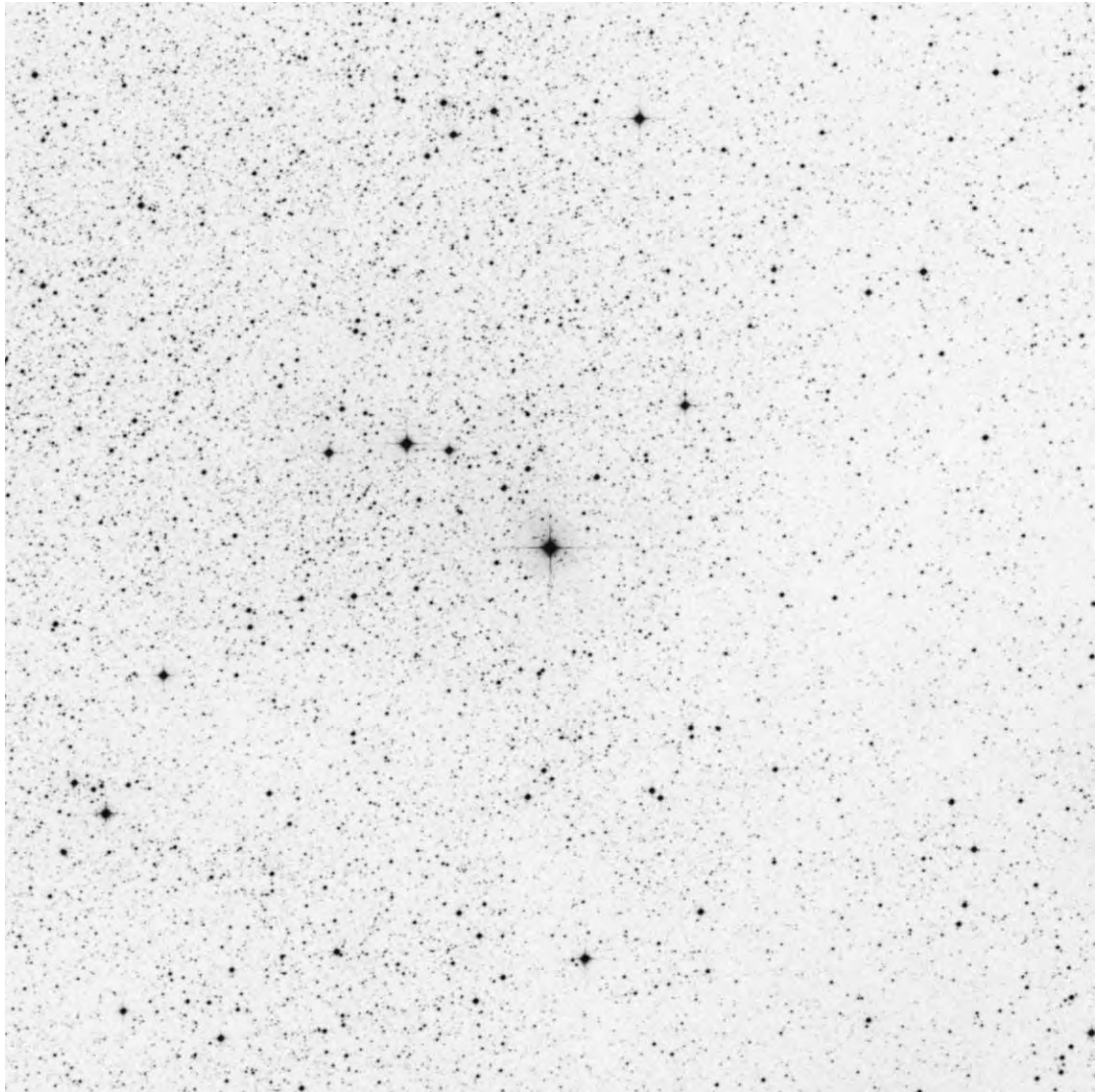


30'X30'

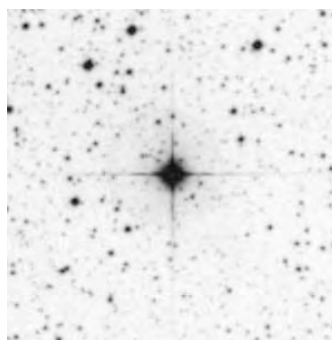


VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
112	Oph	17	53	31.3	-05	37	10	9.60	II	F	WK

VdB-113 in Sagittarius

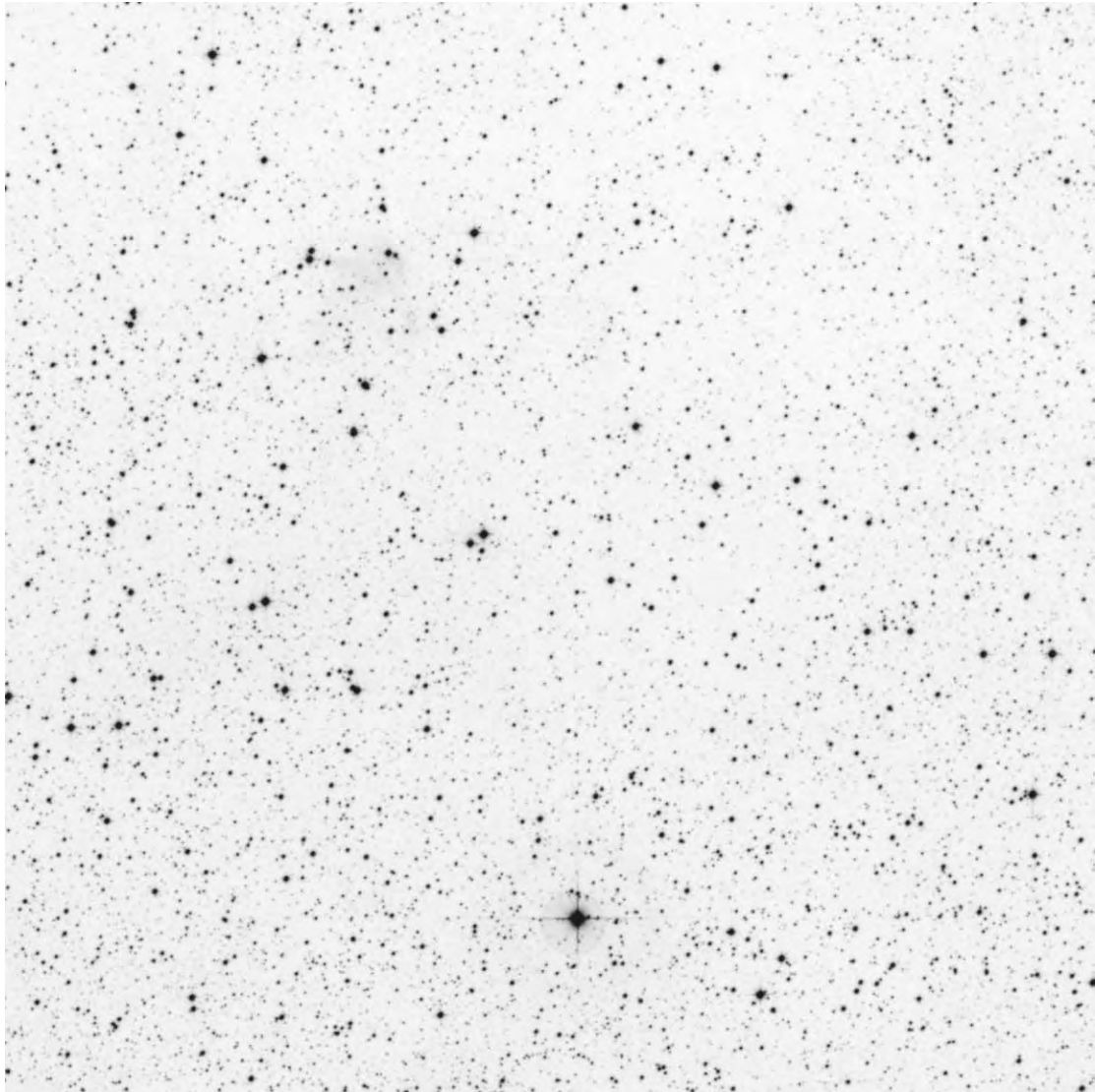


30'X30'-red



VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
113	Sgr	18 08 38.6	-21 26 58	6.80	II	F	WK

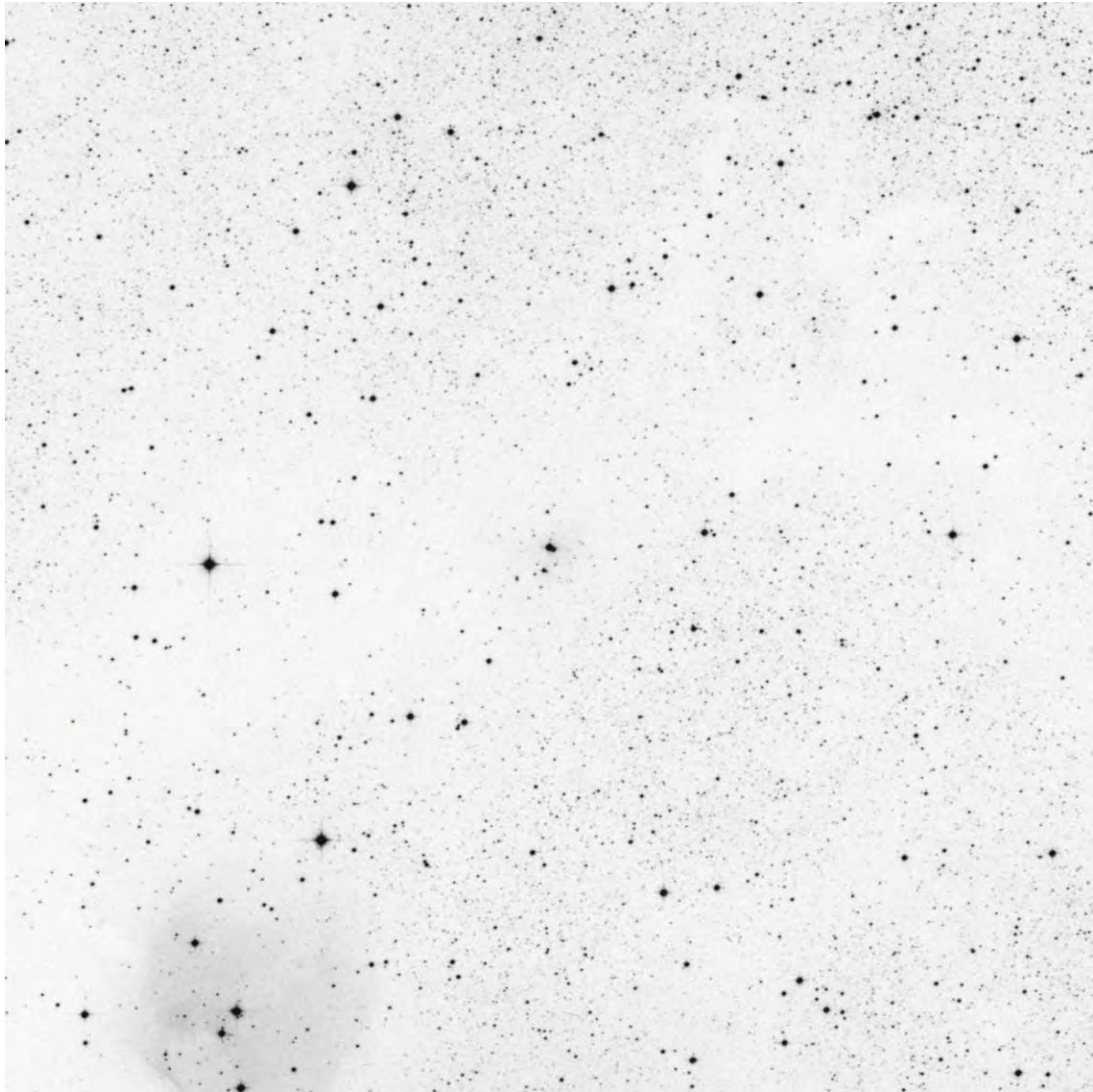
VdB-114 in Sagittarius



30'X30'-red

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
114	Sgr	18 08 30.0	-18 23 00	9.10	I	F	MOD

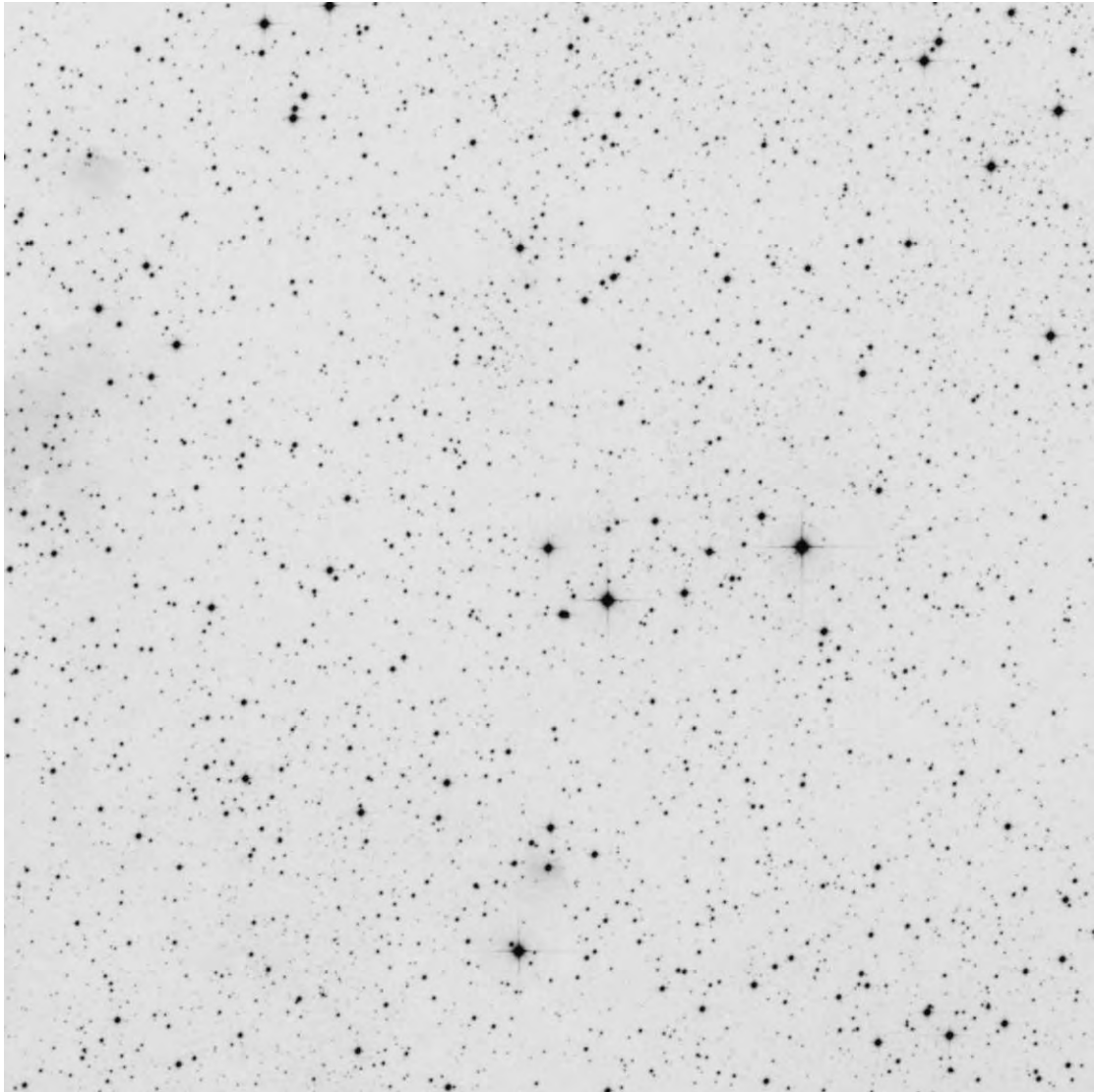
VdB-115 in Sagittarius



30'X30'-red

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
115	Sgr	18 09 08.3	-23 26 07	9.30	I	BR	STR

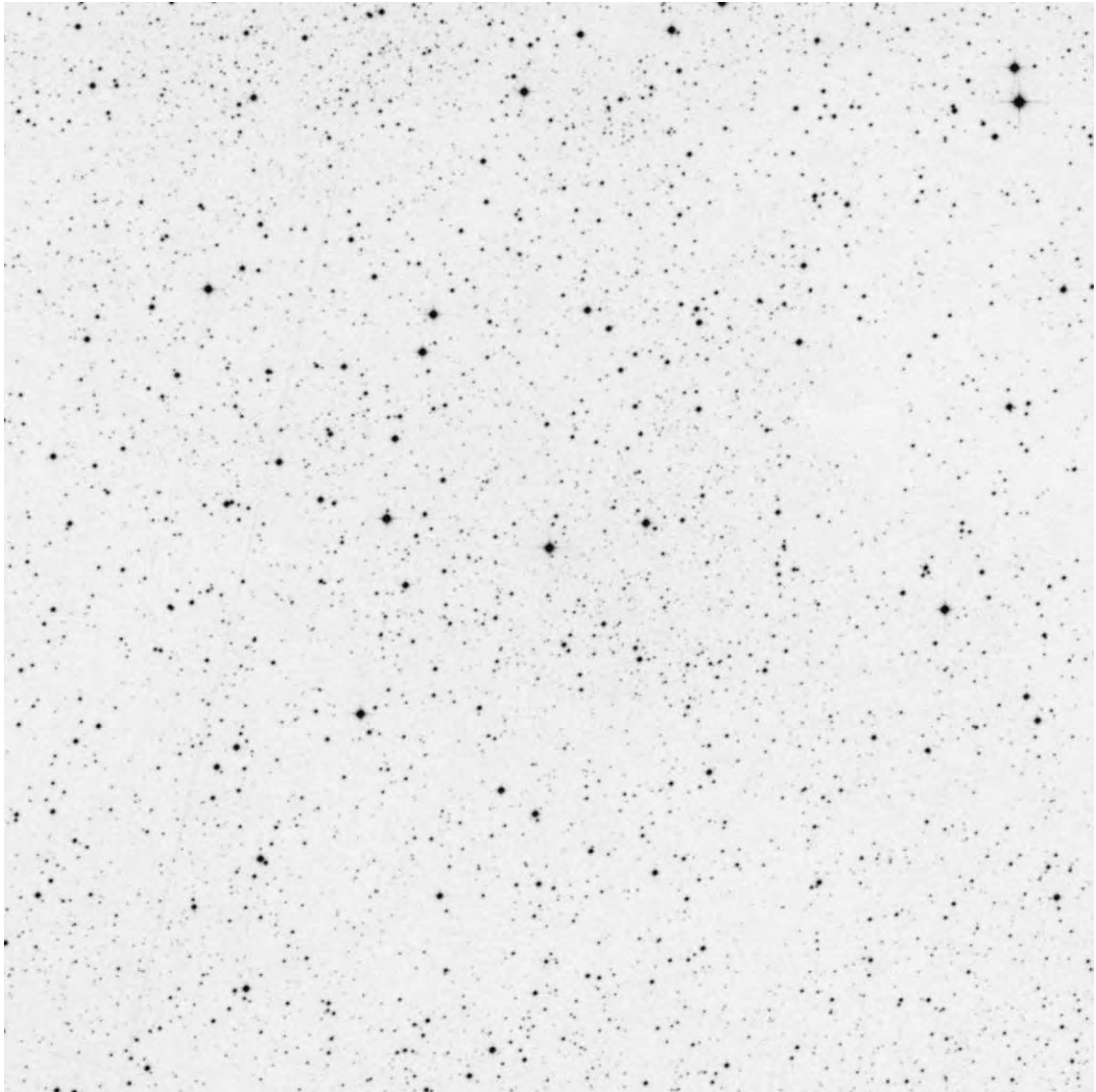
VdB-116 in Sagittarius



30'X30'-red

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
116	Sgr	18	10	38.8	-17	44	02	9.50	I	F	MOD

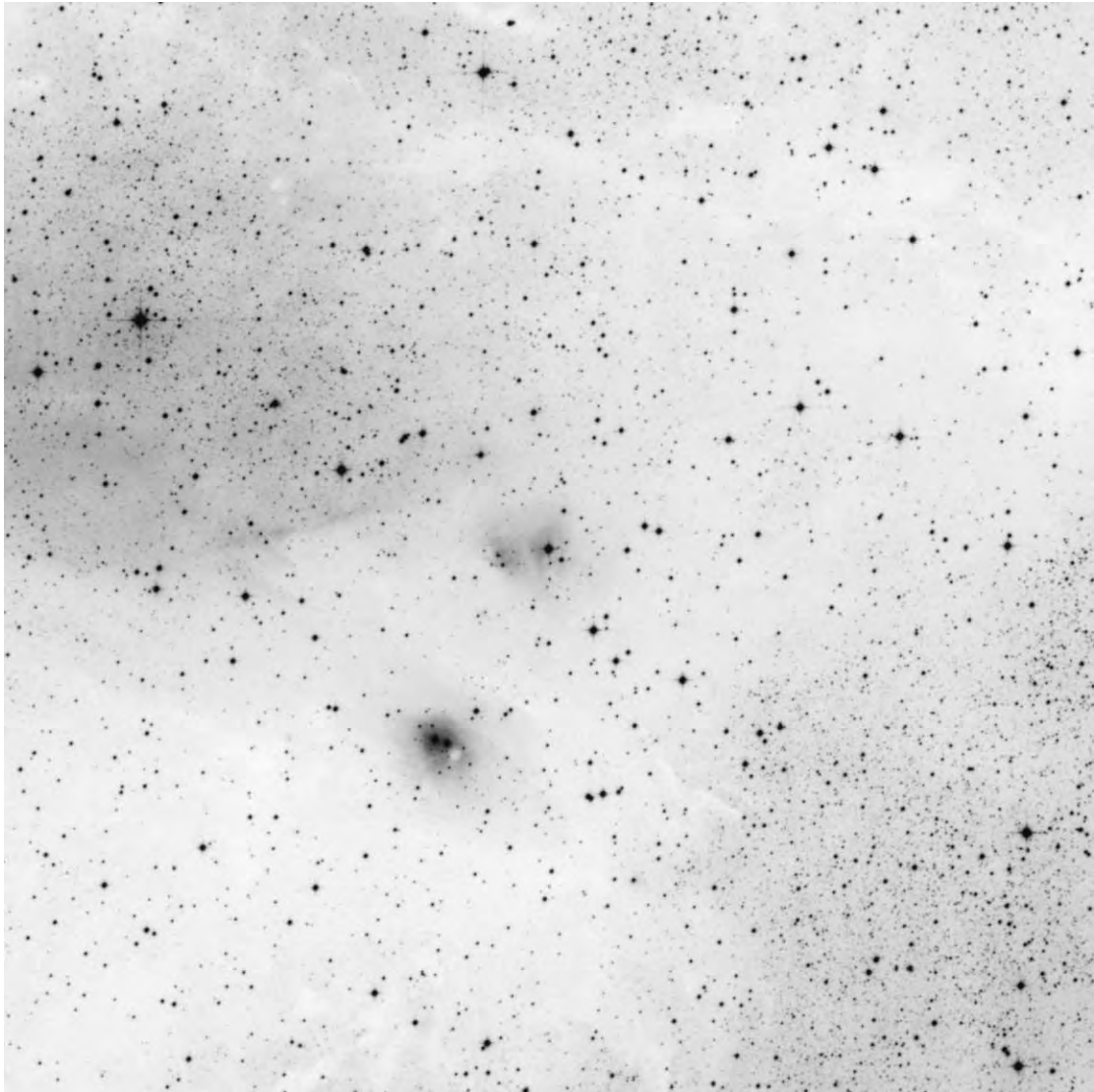
VdB-117 in Sagittarius



30'X30'-red

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
117	Sgr	18	14	38.0	-17	21	47	9.10	I	M	MOD

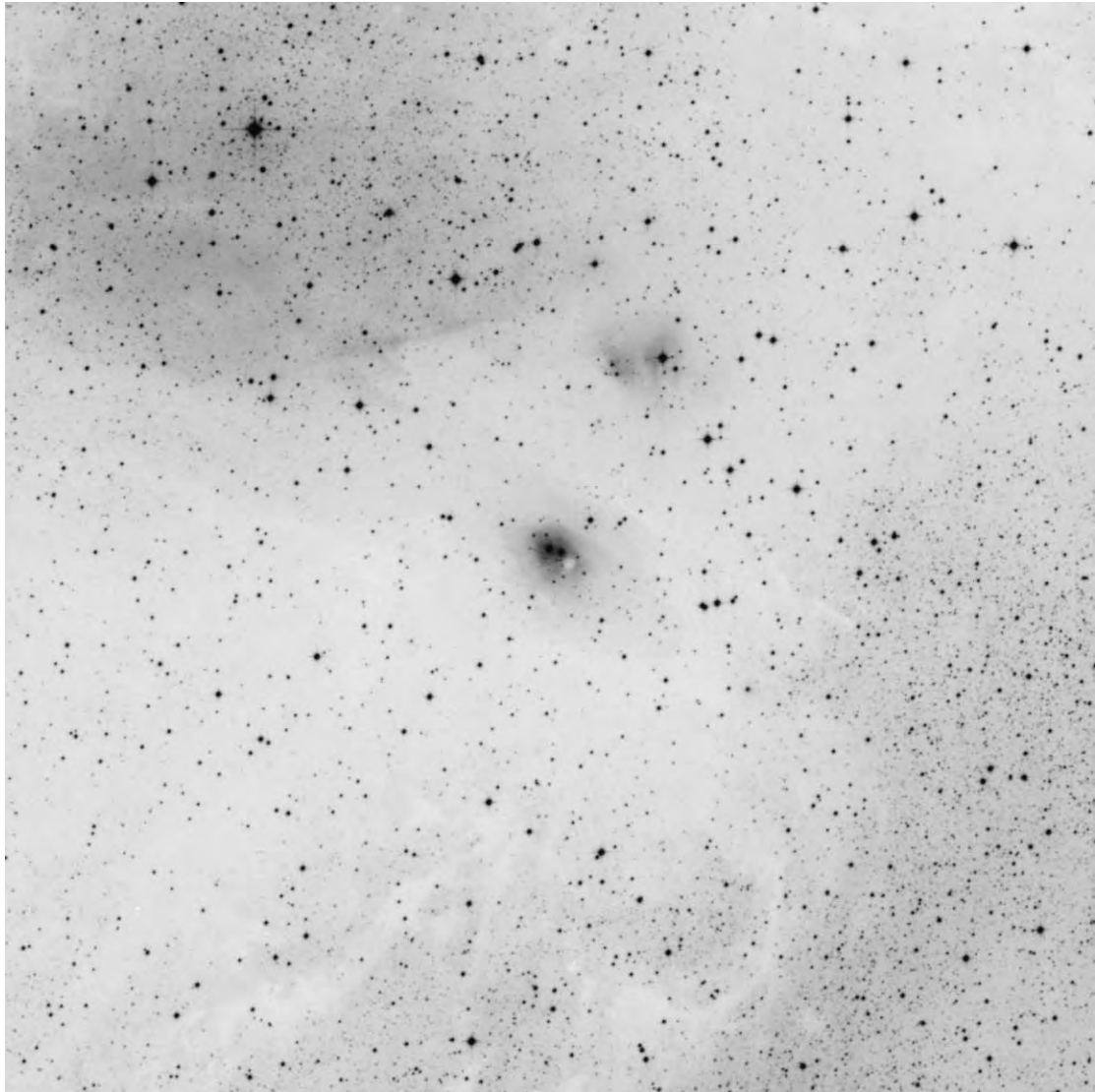
VdB-118 in Sagittarius



30'X30'-red

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
118	Sgr	18	16	52.5	-19	46	40	9.40	I	BR	STR

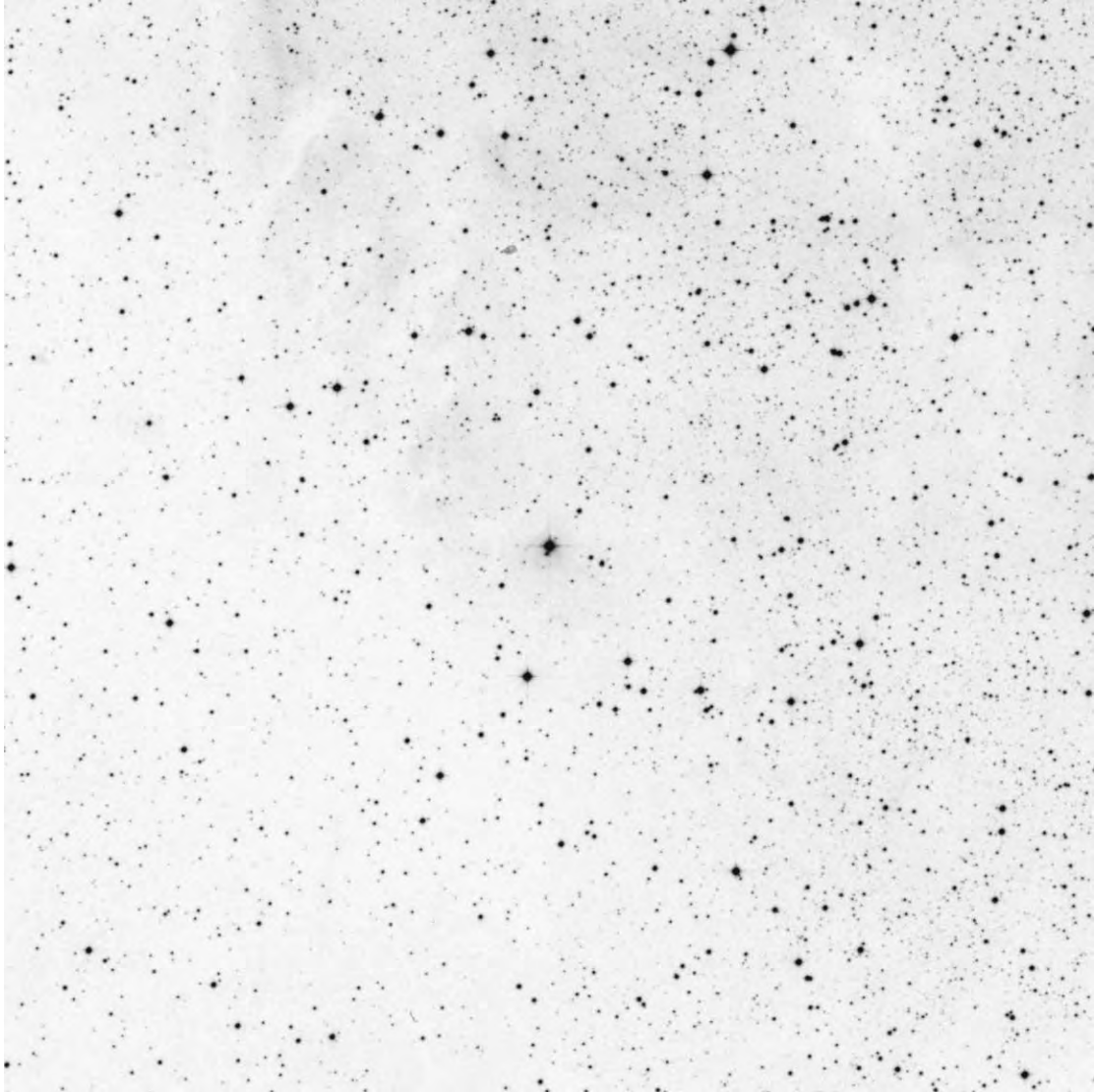
VdB-119 in Sagittarius



30'X30'-red

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
119	Sgr	18 17 05.8	-19 51 53	9.40	I	VBR	STR

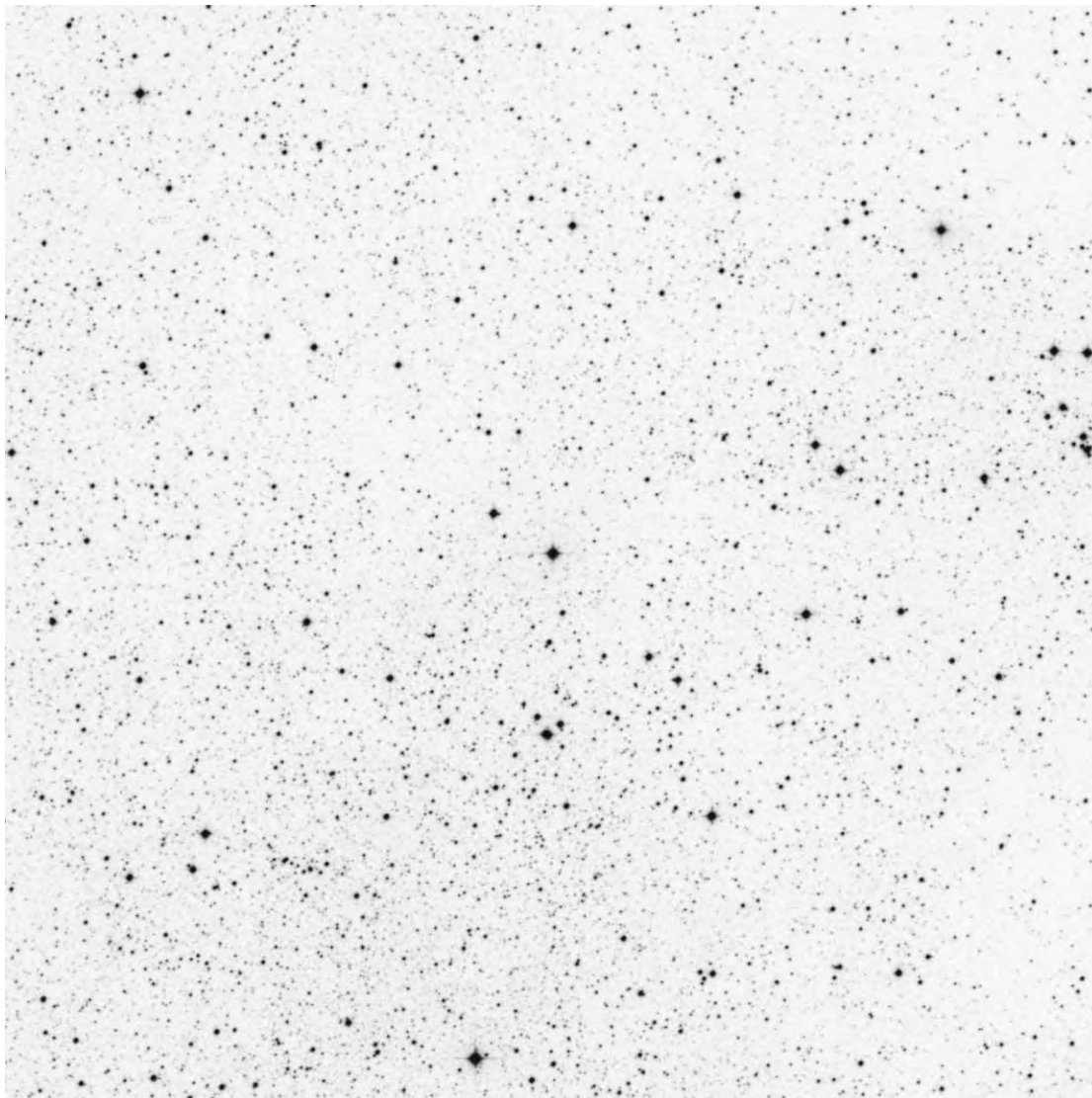
VdB-120 in Sagittarius



30'X30'-red

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
120	Sgr	18	17	16.8	-16	55	43	8.80	I	M	MOD

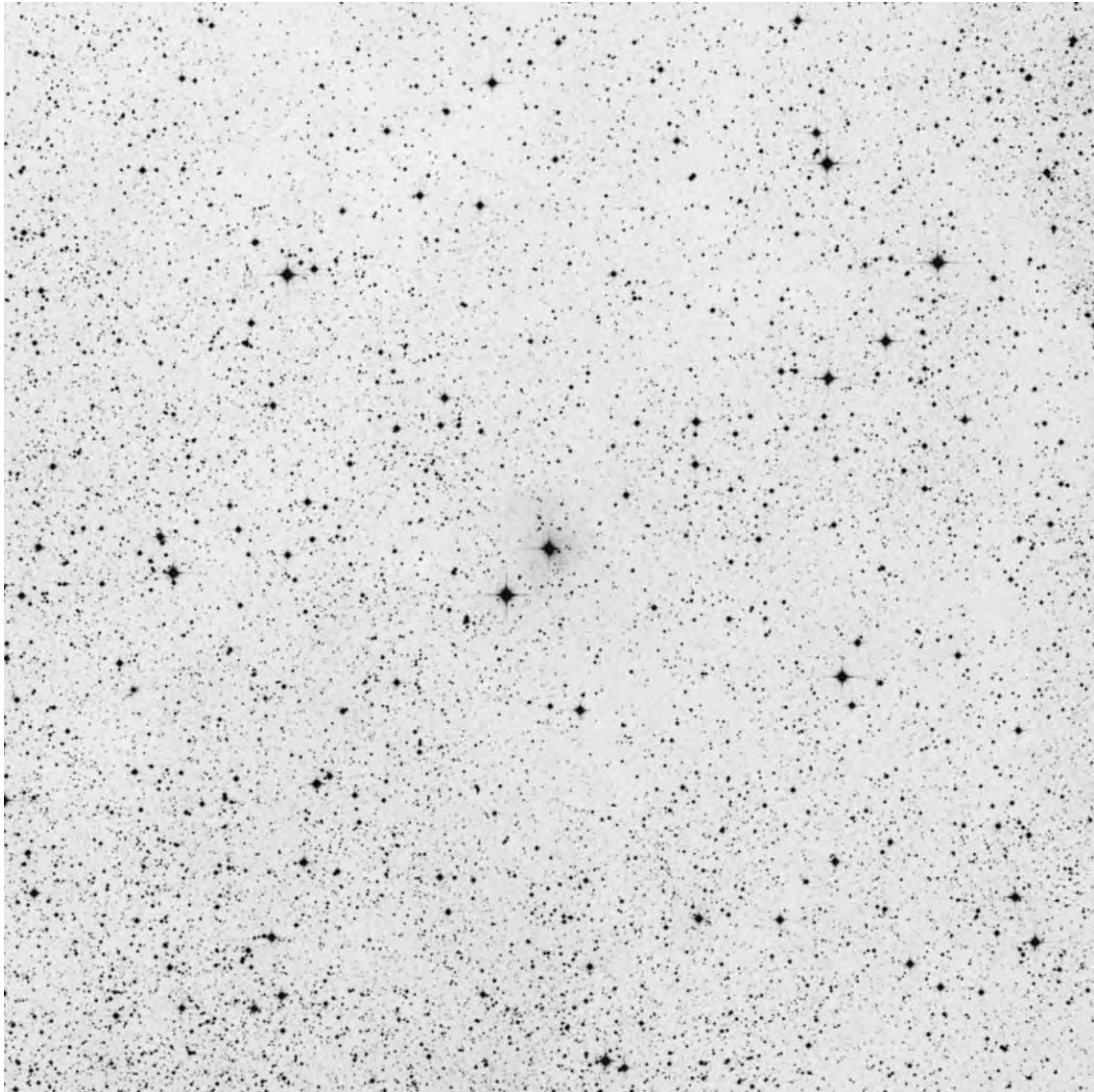
VdB-121 in Sagittarius



30'X30'-red

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
121	Sgr	18	20	15.9	-17	00	15	9.43	I-II	F	MOD

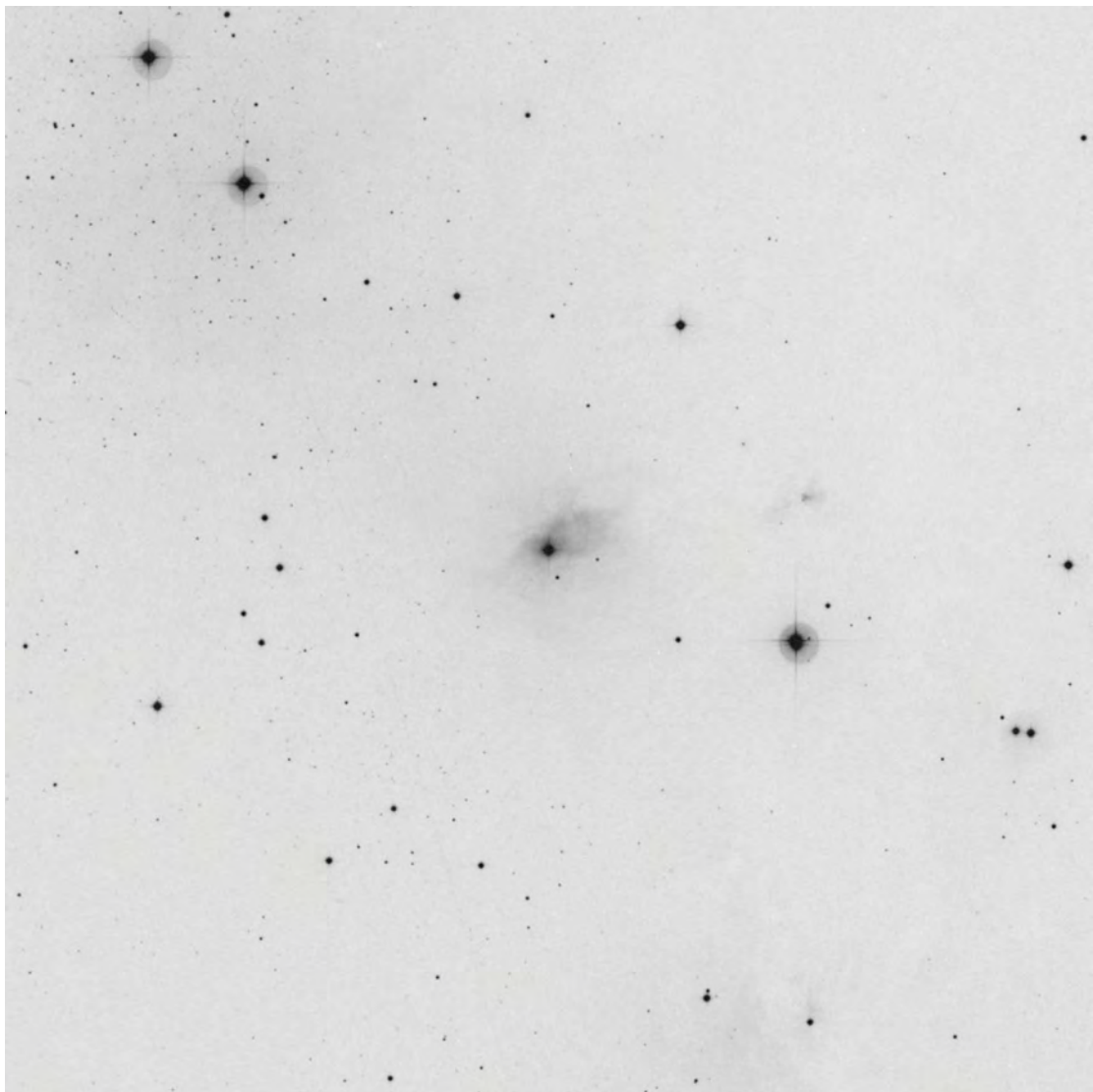
VdB-122 in Scutum



30'X30'-red

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
122	Sct	18	24	33.5	-13	39	13	9.30	I	M	STR

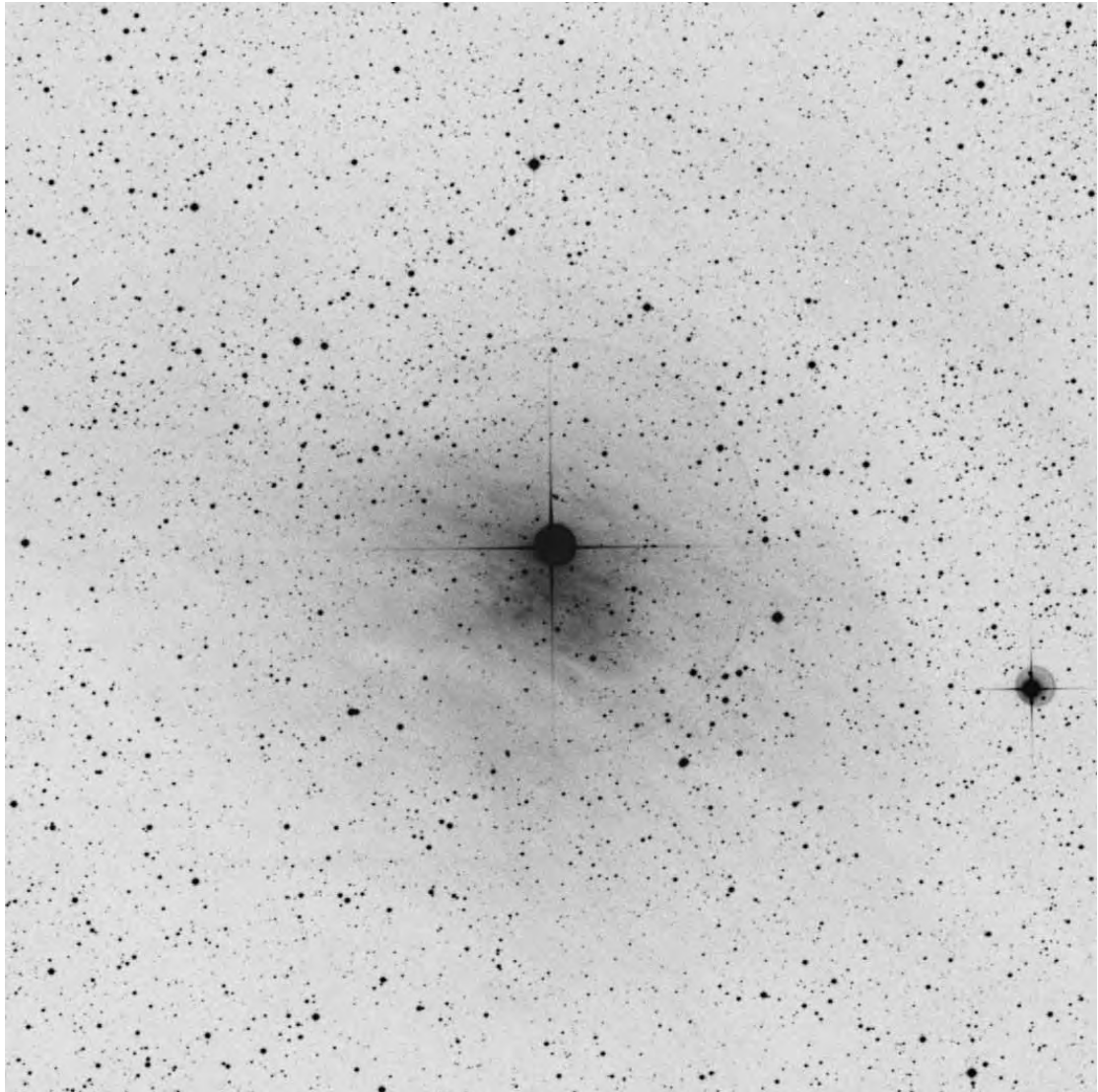
VdB-123 in Serpens



30'X30'

VdB	Con	RA		Dec			Vmag	Type	SurfBr	Absorb
123	Ser	18	30 24.9	+01	13	24	9.10	I	M	STR

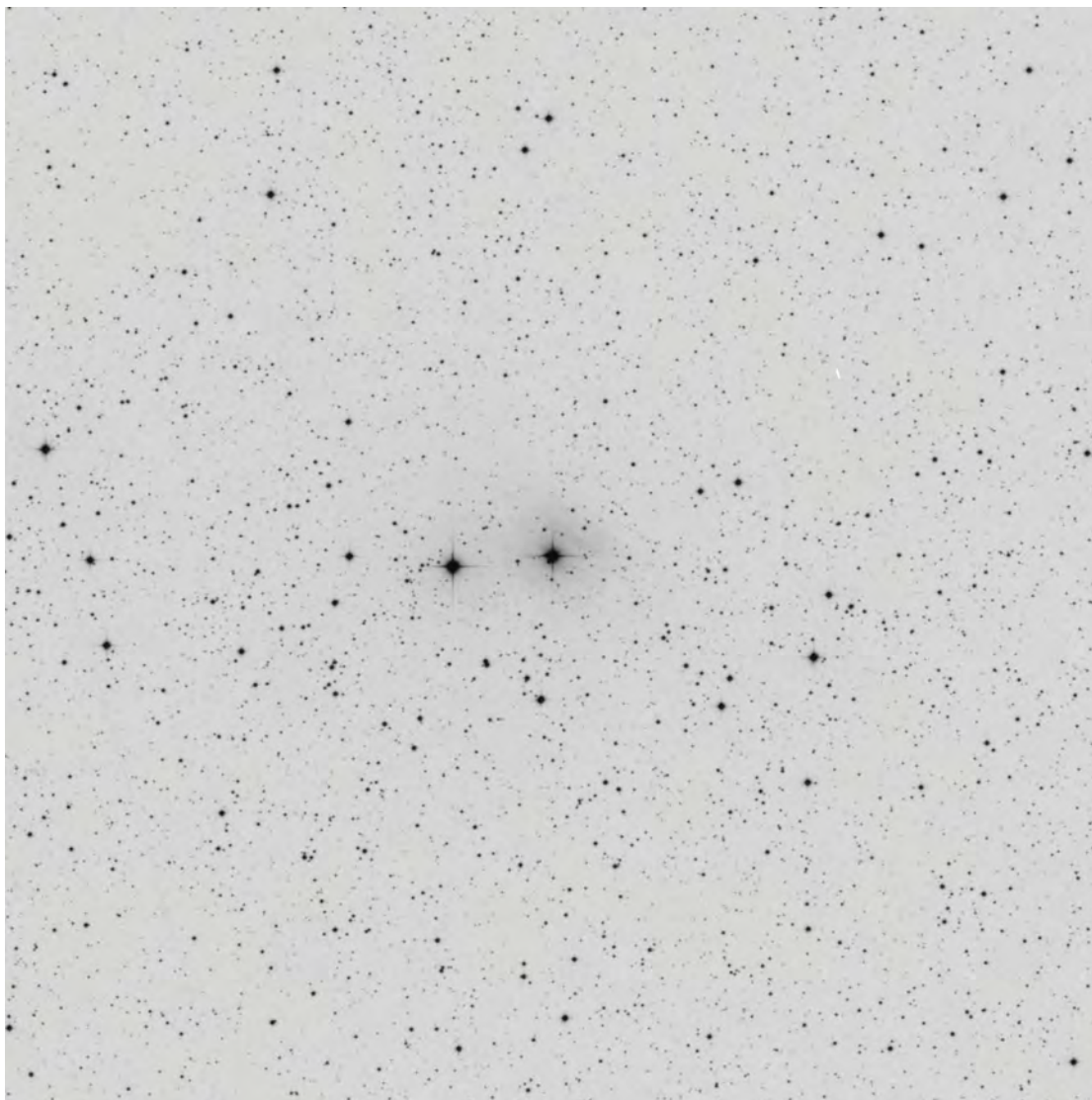
VdB-124 in Scutum



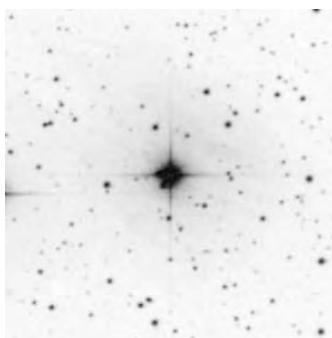
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
124	Sct	18	31	25.7	-10	47	45	5.50	I	BR	STR

VdB-125 in Aquila

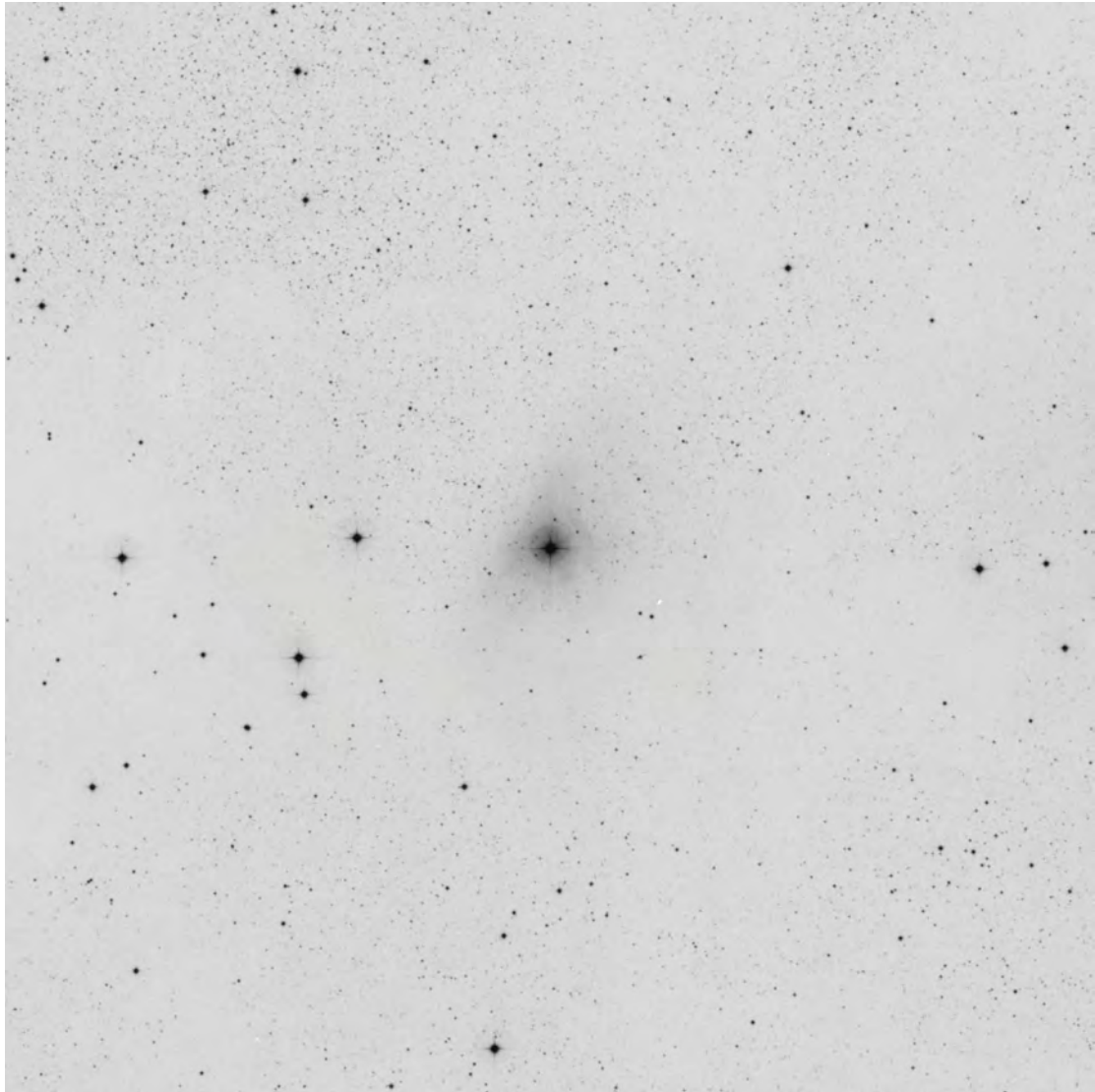


30'X30'



VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
125	Aql	19	26 00.9	+15	33 25	8.00	I	VF	MOD

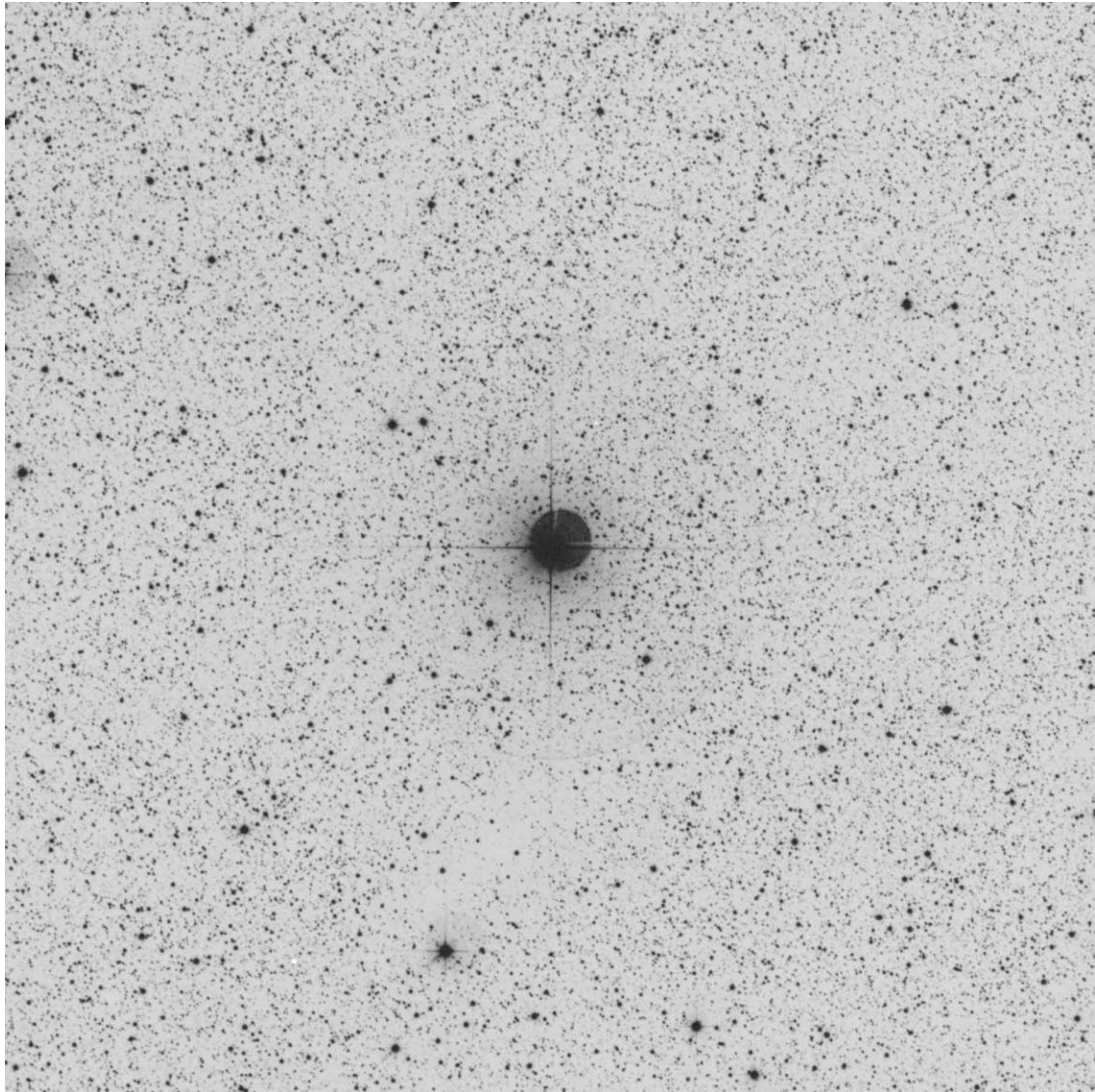
VdB-126 in Sagittarius



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
126	Sgr	19	26	11.3	+22	45	26	8.30	I	BR	STR

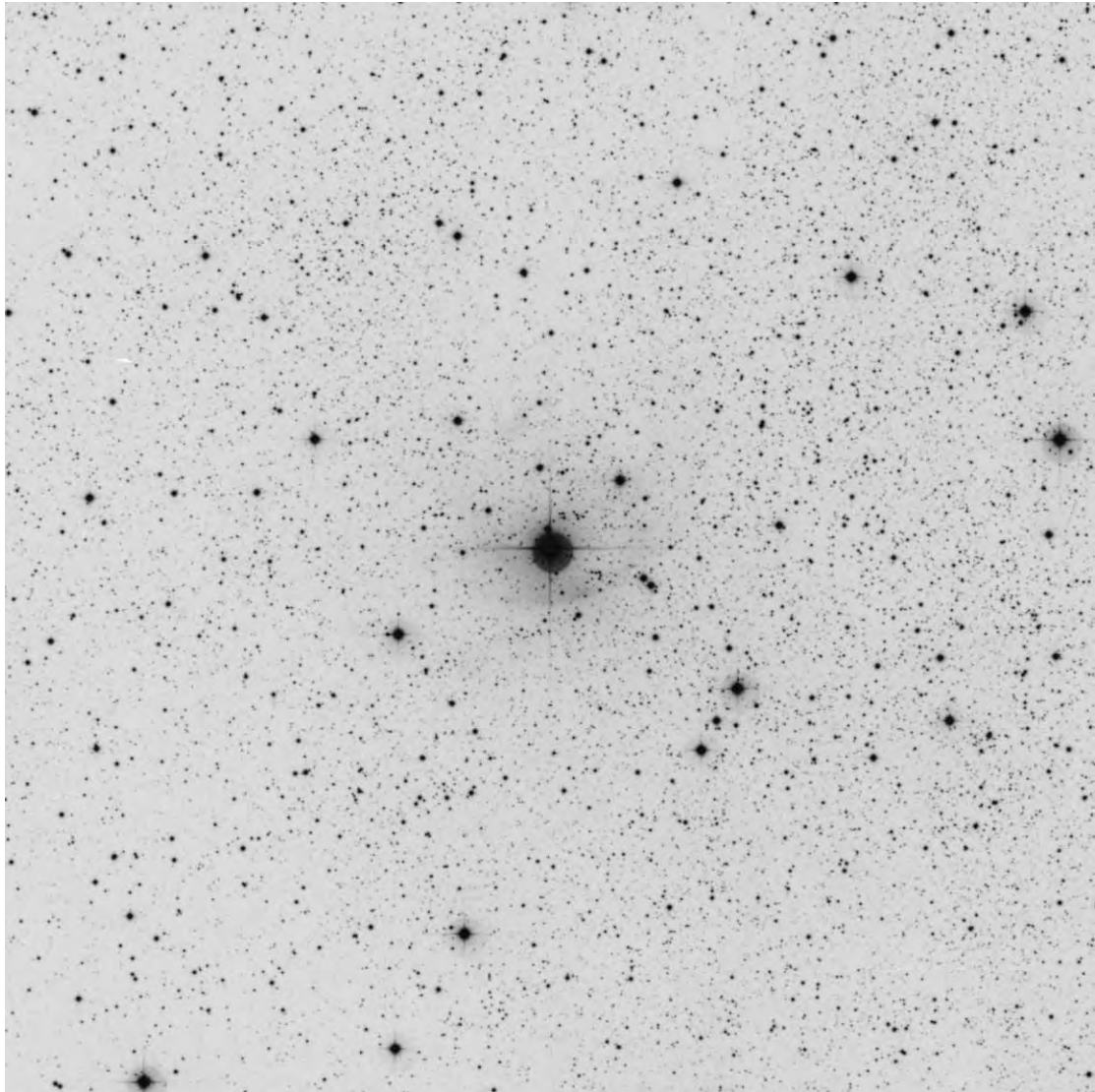
VdB-127 in Sagittarius



30'X30'

VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
127	Sgr	19	47 23.3	+18	32 03	3.82	II P	F	WK

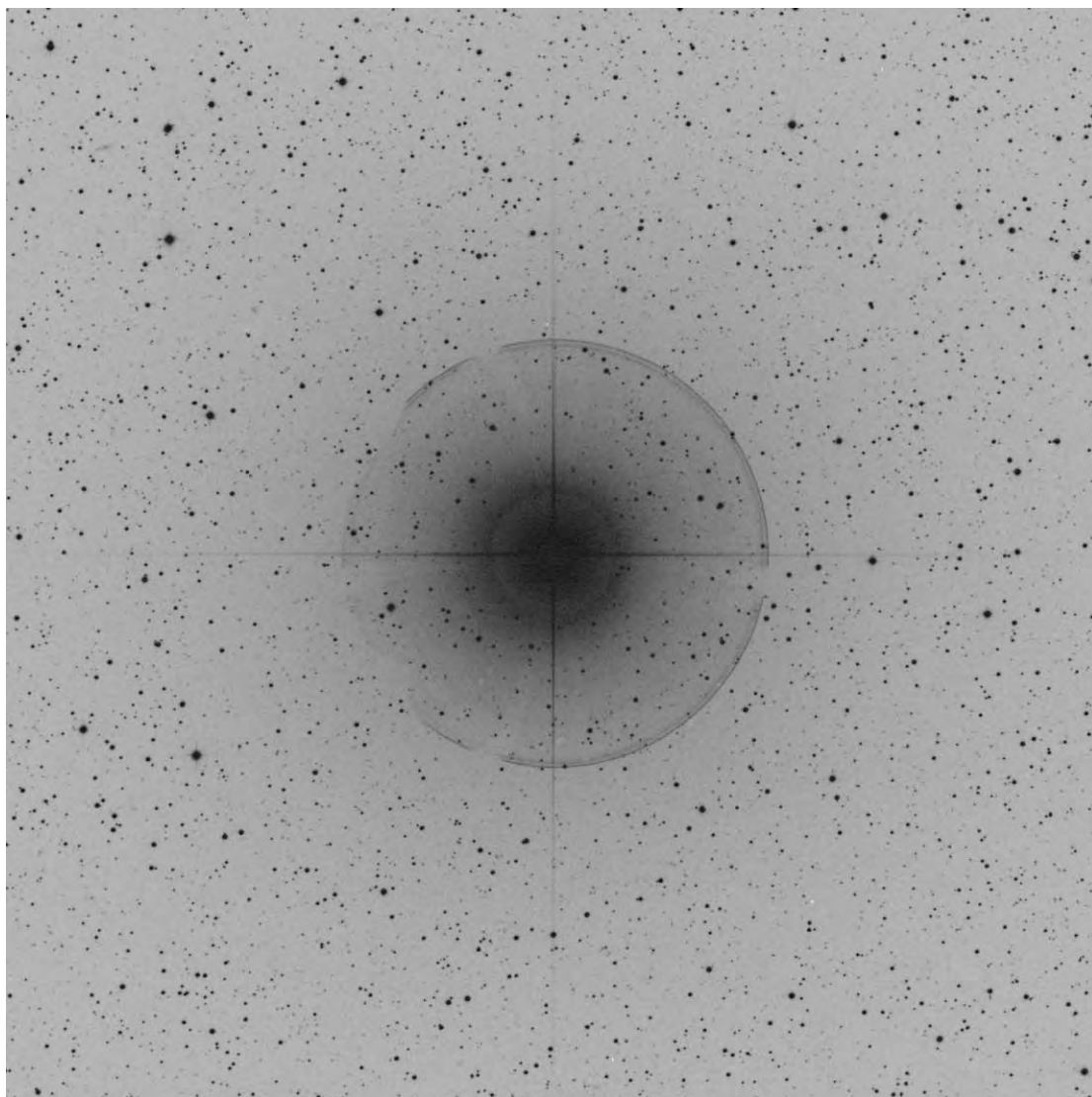
VdB-128 in Cygnus



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
128	Cyg	20 04 36.2	+32 13 07	5.63	I	M	MOD

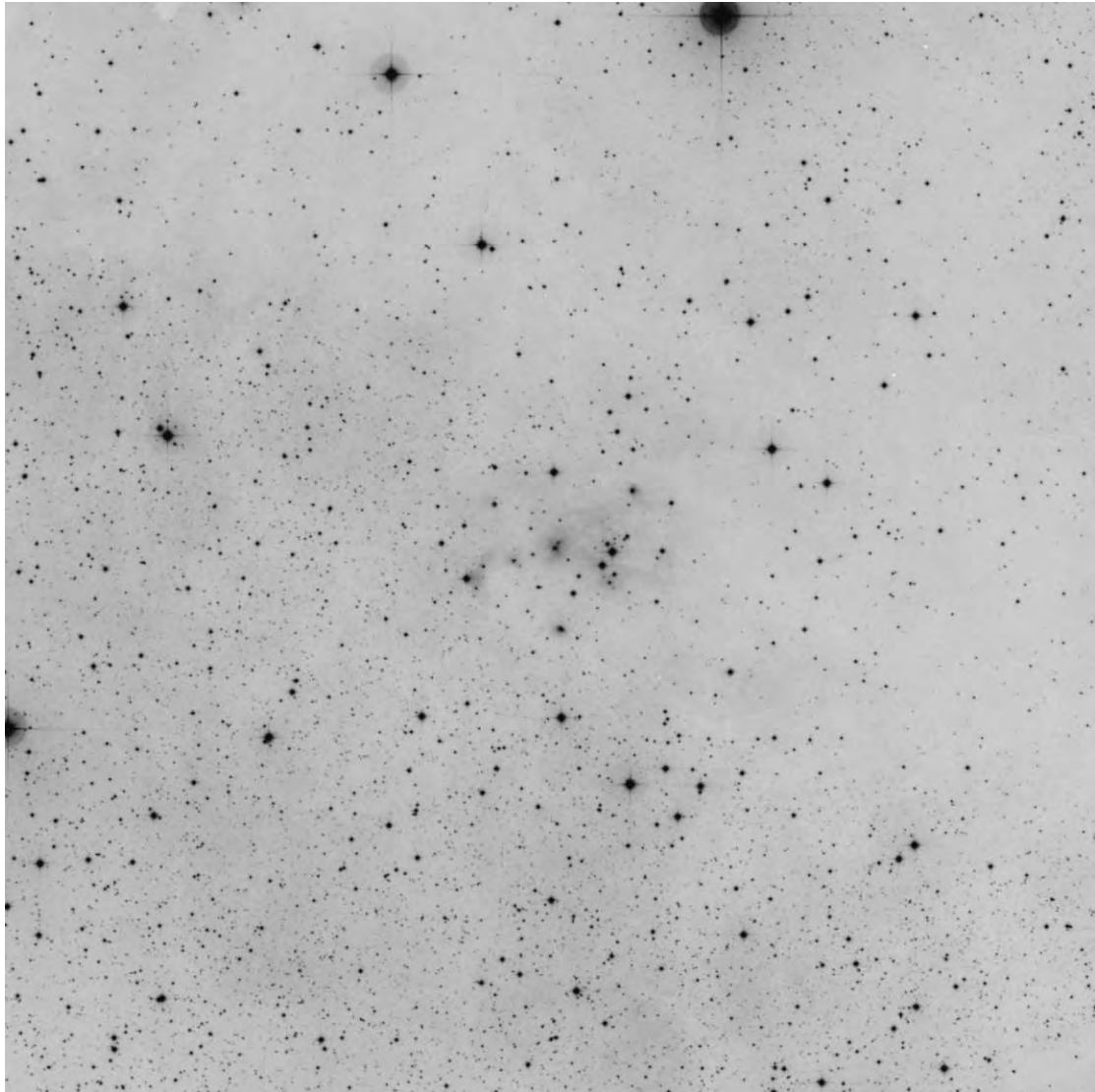
VdB-129 in Aquila



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
129	Aql	20	11	18.3	-00	49	17	3.24	II	F	ABS

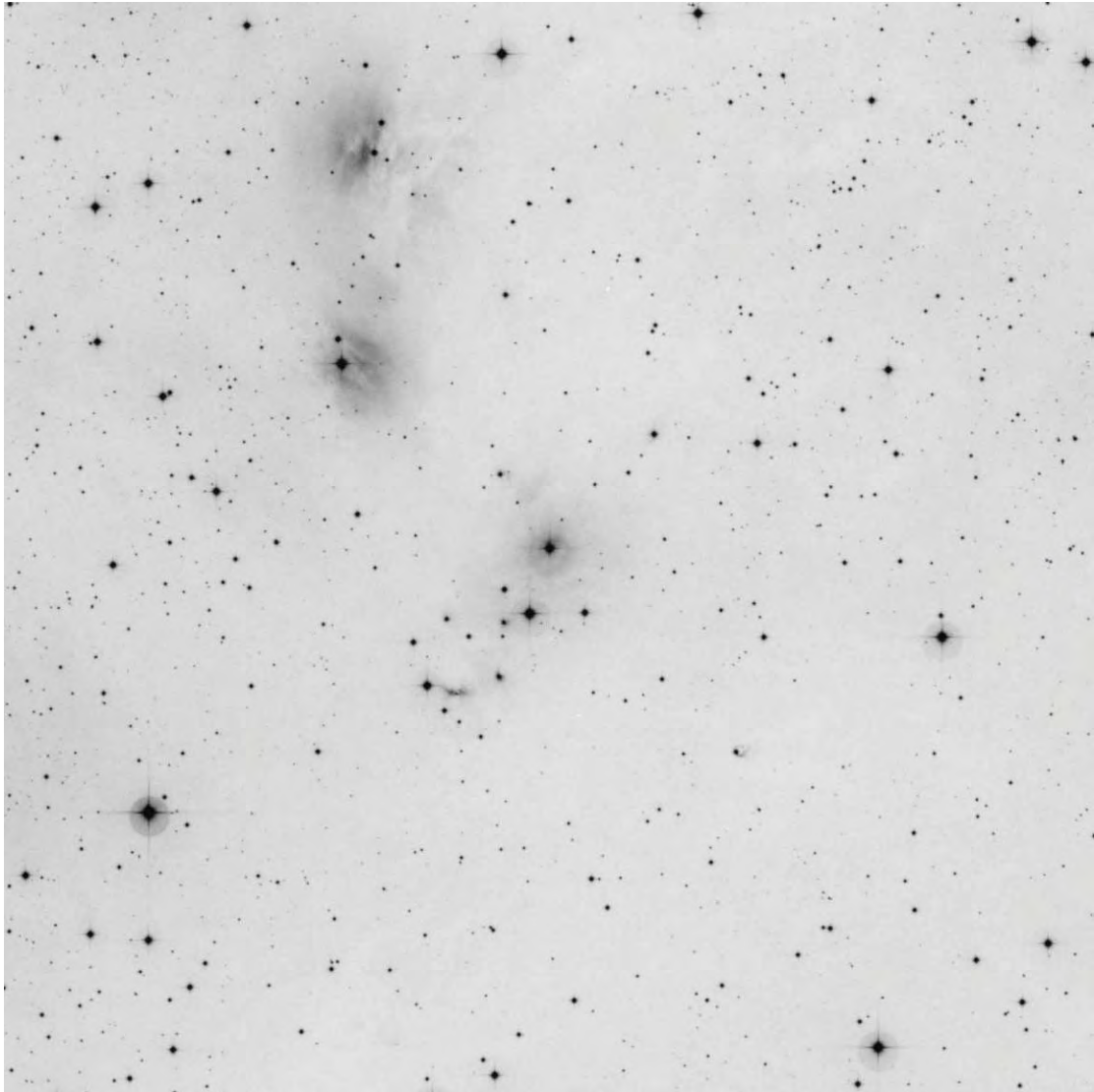
VdB-130 in Cygnus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
130	Cyg	20	17	42.0	+39	21	00	9.50	I	BR	STR :

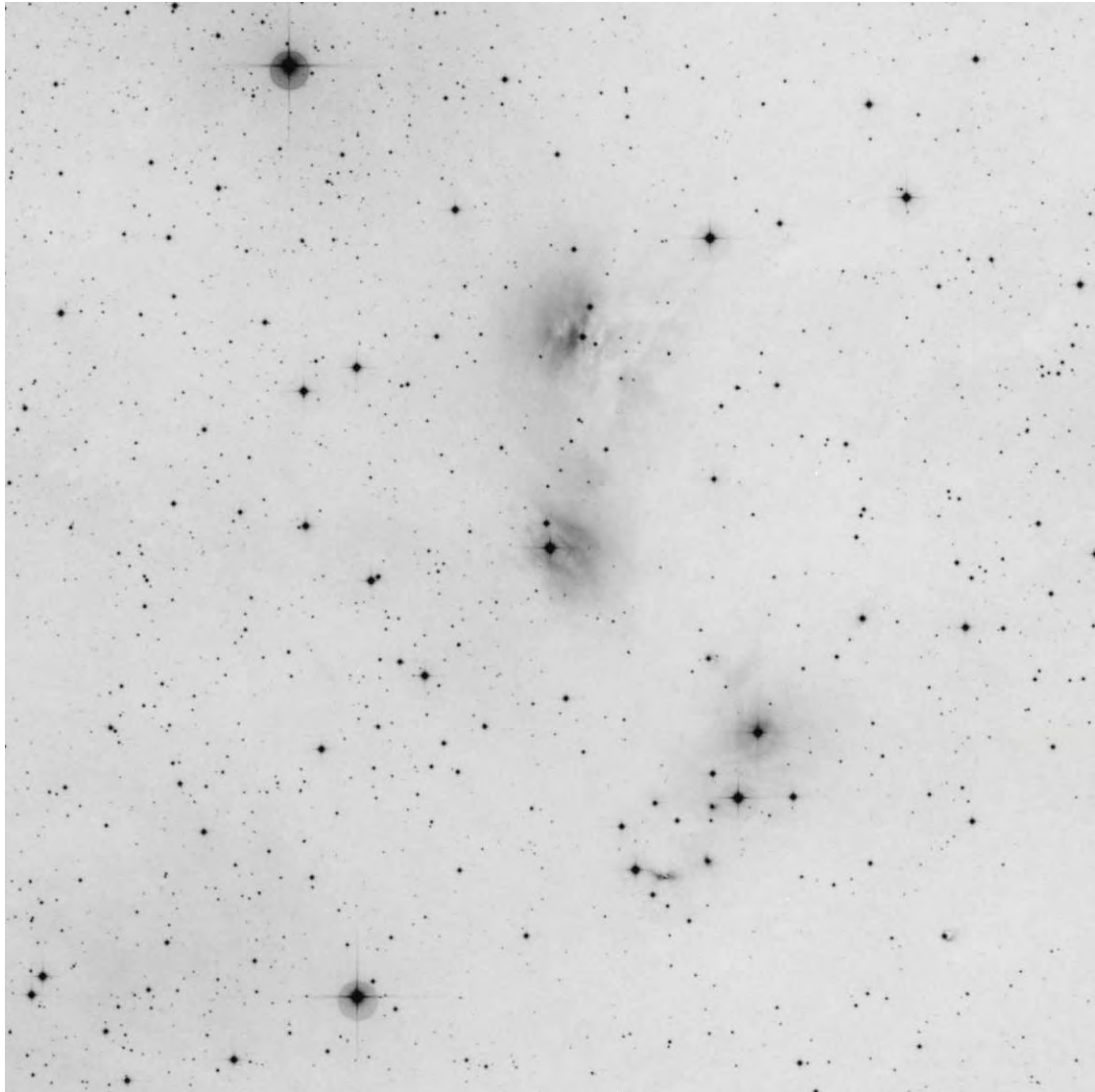
VdB-131 in Cygnus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
131	Cyg	20	24	15.7	+42	18	01	9.10	I	BR	STR

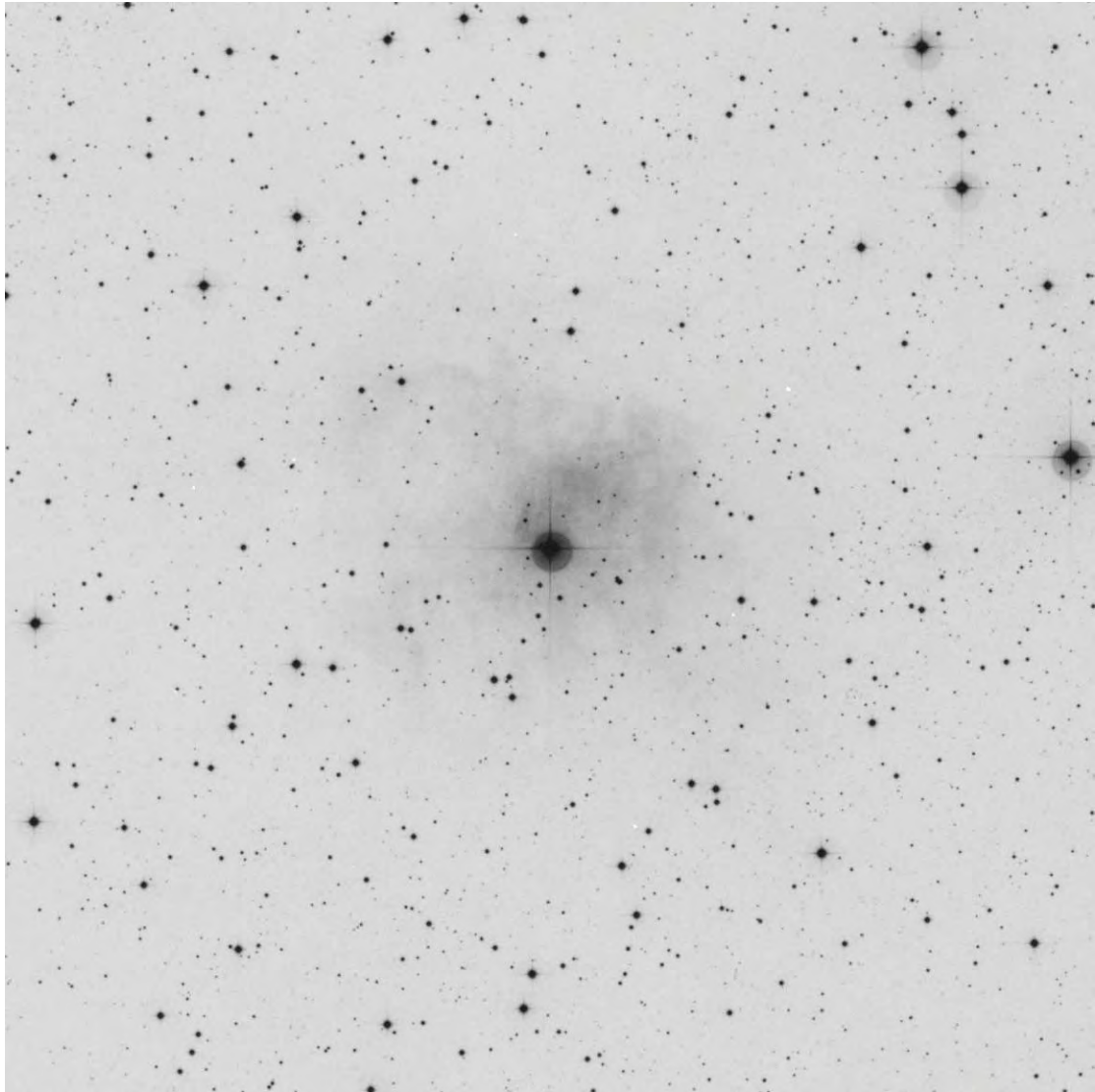
VdB-132 in Cygnus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
132	Cyg	20	24	46.6	+42	23	05	8.70	I	BR	STR

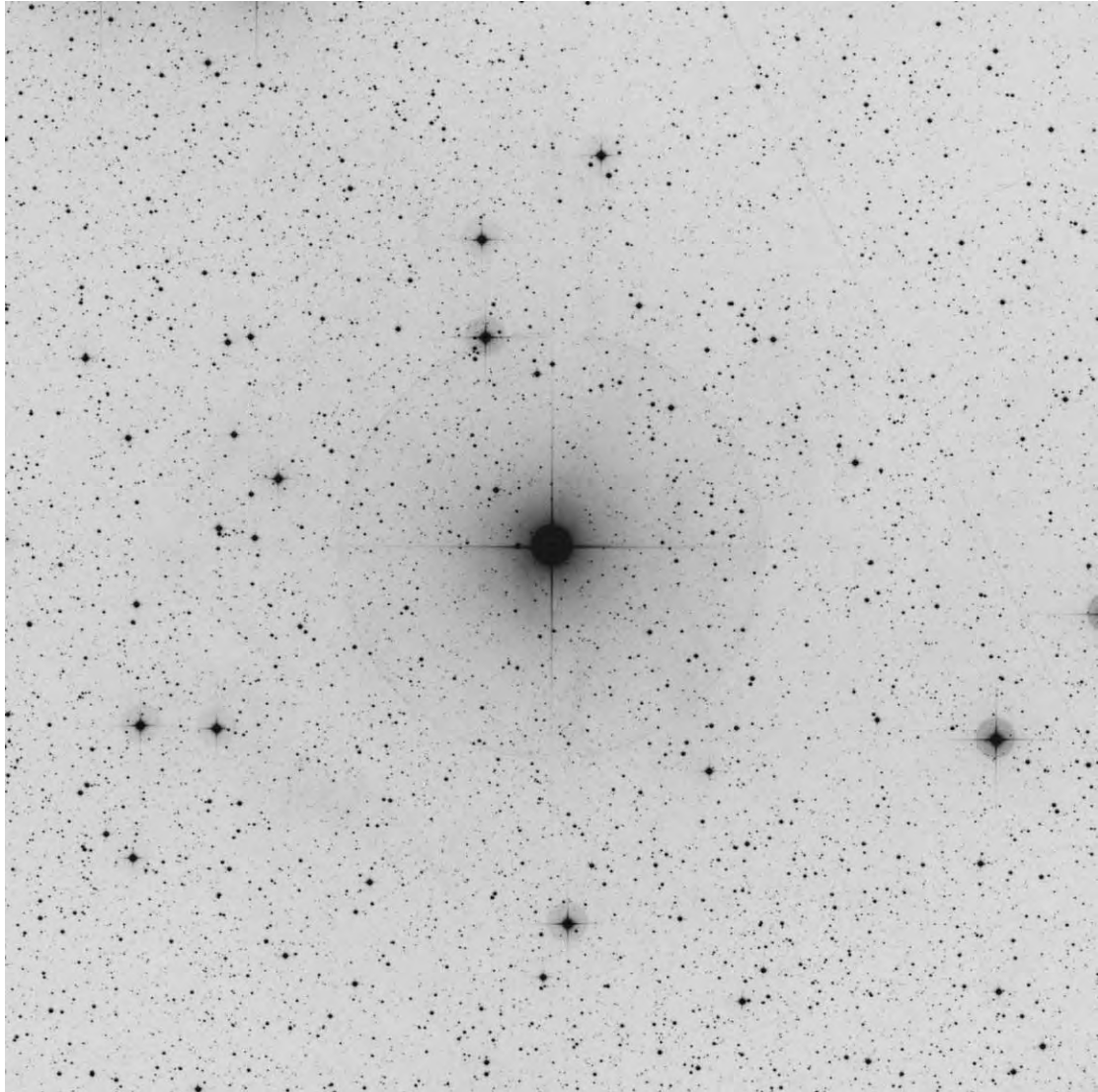
VdB-133 in Cygnus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
133	Cyg	20	30	59.2	+36	56	09	6.19	I	BR	STR

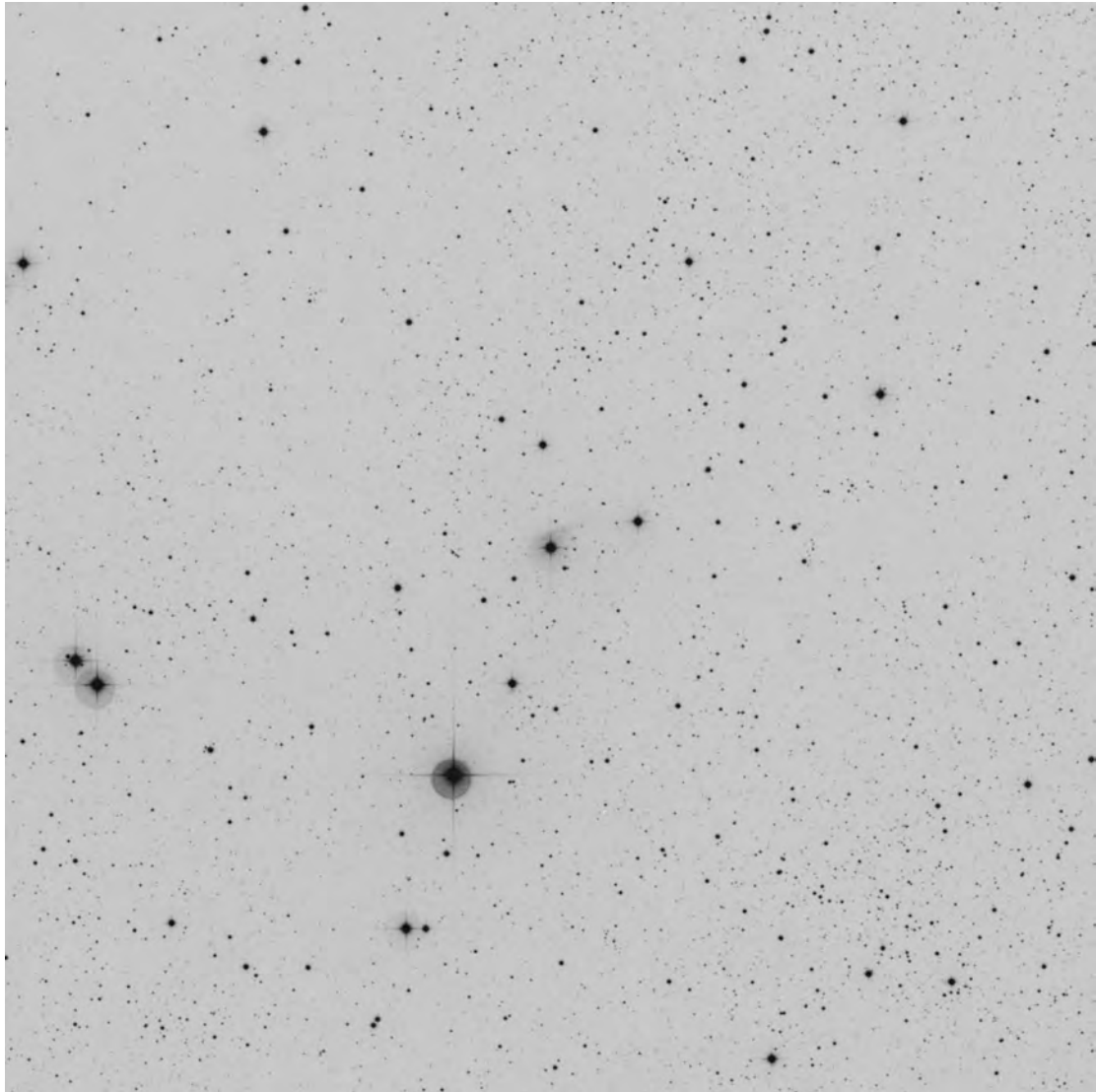
VdB-134 in Cygnus



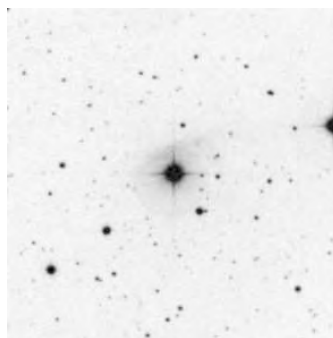
30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
134	Cyg	20 30 03.5	+48 57 06	4.95	I-II	F	MOD

VdB-135 in Cygnus

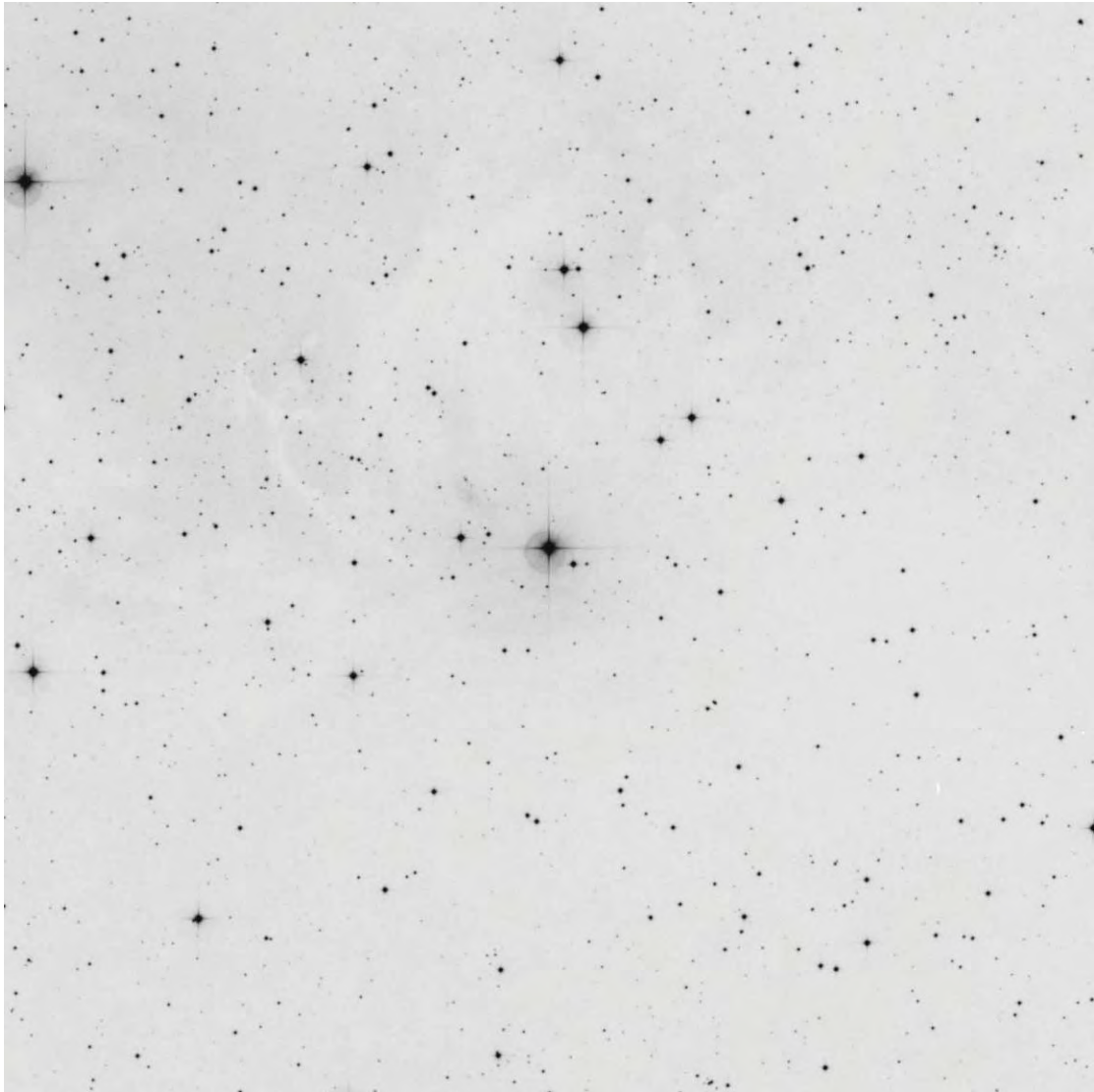


30'X30'



VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
135	Cyg	20	36	45.6	+32	27	17	8.60	II	F	WK

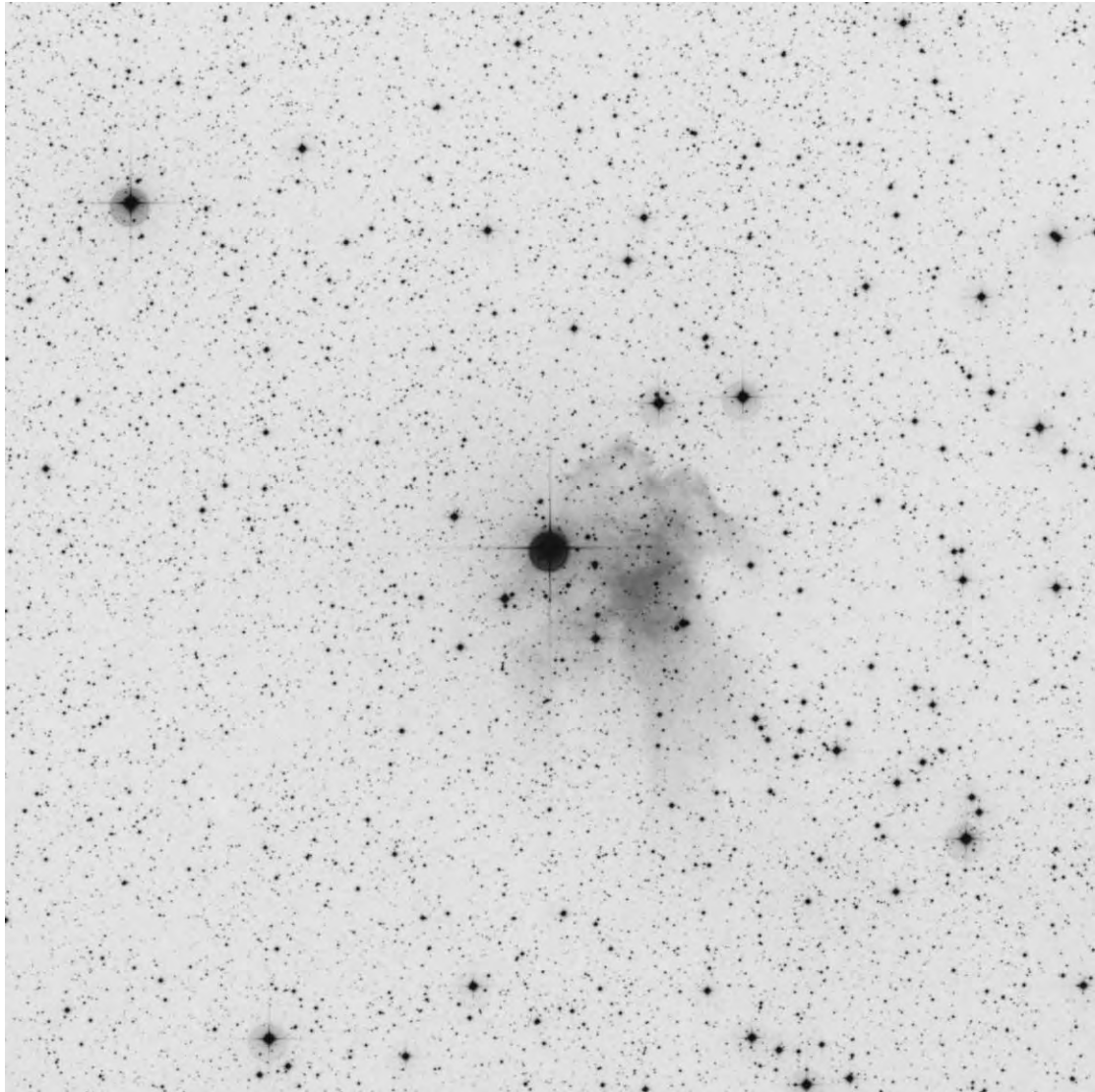
VdB-136 in Cygnus



30'X30'-red

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
136	Cyg	20	38	17.2	+42	04	25	7.80	II	VF	VSTR

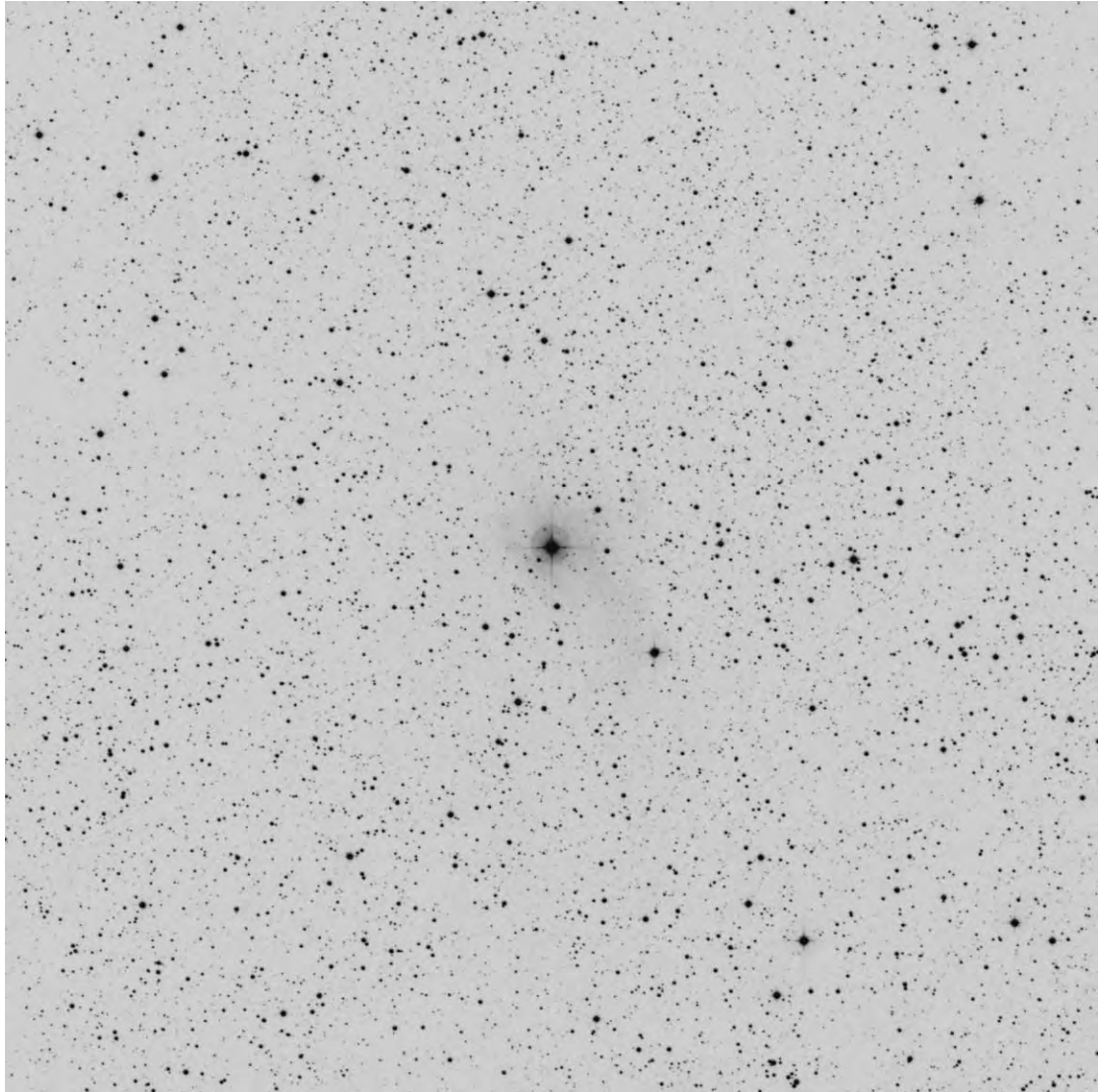
VdB-137 in Cygnus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
137	Cyg	20	55	49.8	+47	25	04	5.69	II	VBR	MOD

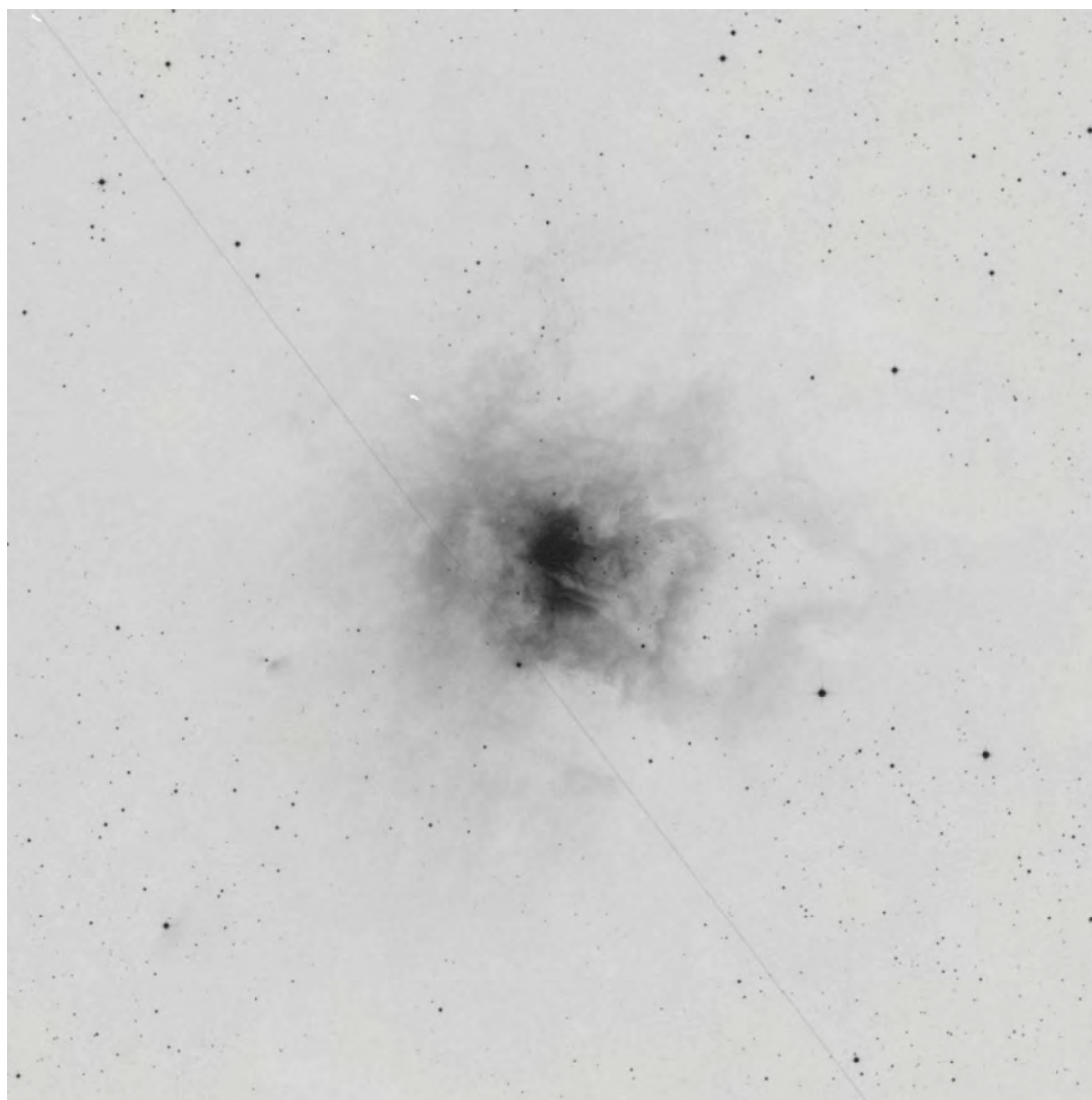
VdB-138 in Cygnus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
138	Cyg	20	57	16.6	+48	17	45	8.28	I	F	MOD

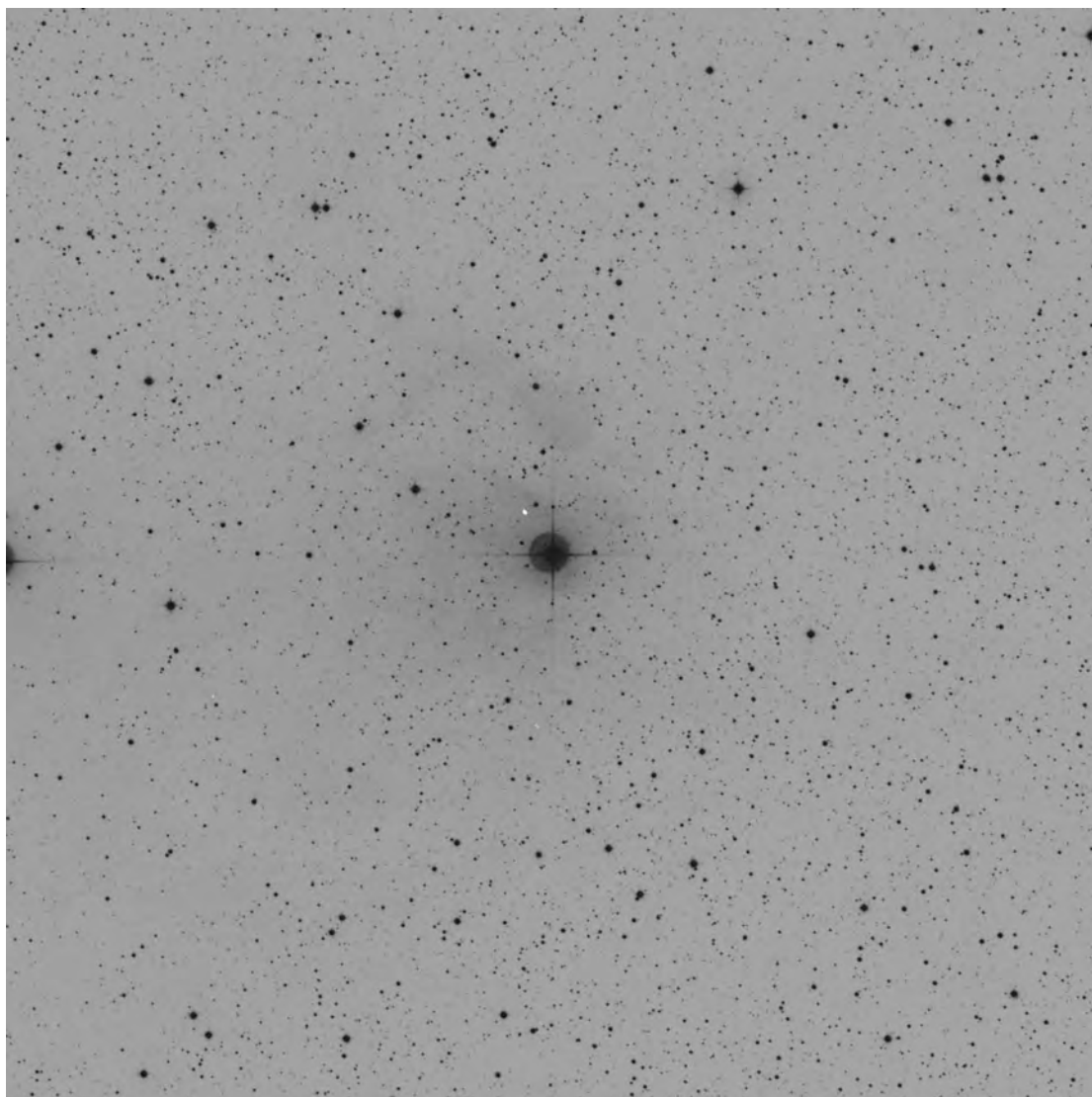
VdB-139 in Cepheus



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
139	Cep	21 01 36.9	+68 09 48	6.80	I	VBR	ATR

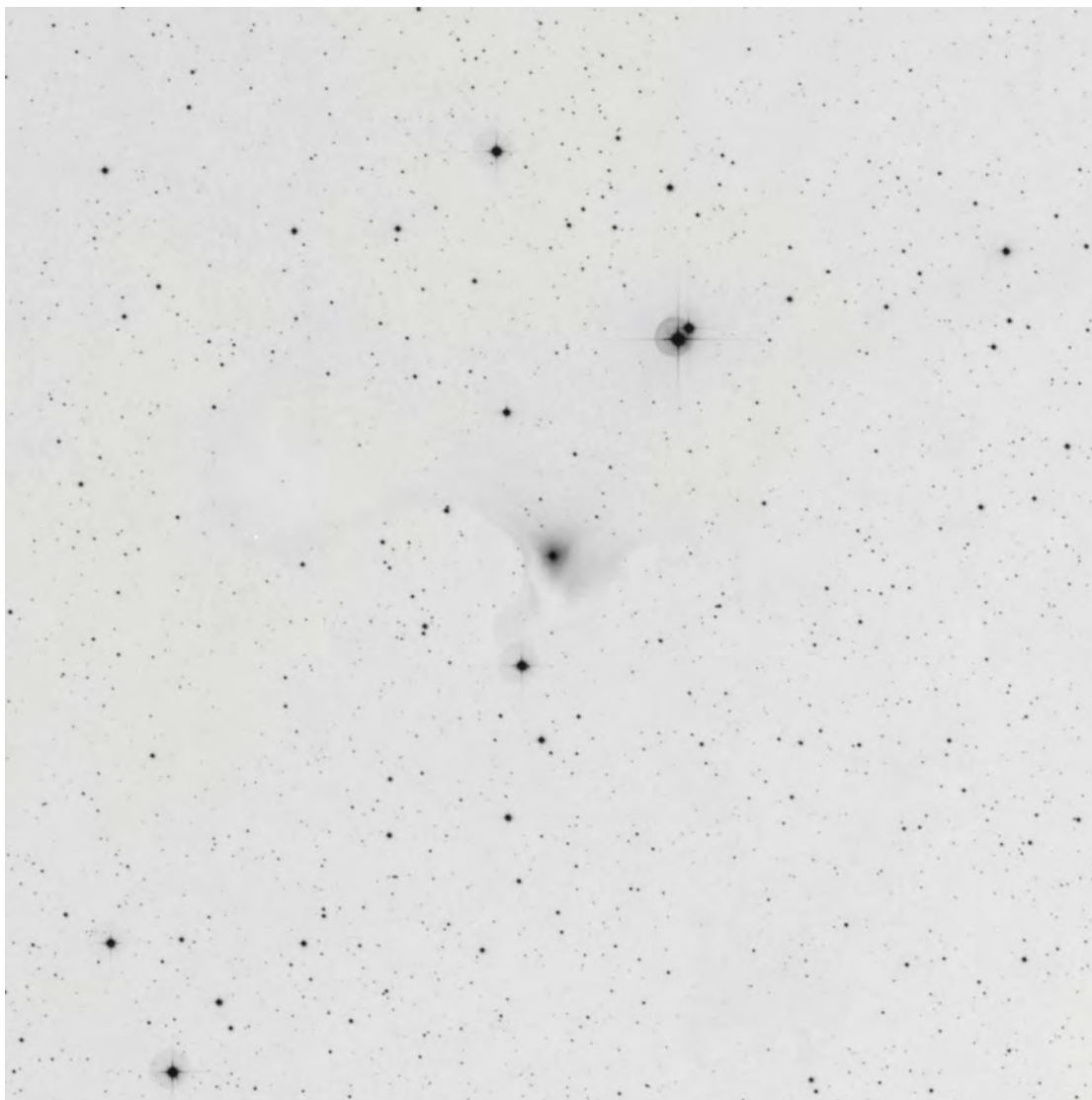
VdB-140 in Cepheus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
140	Cep	21	17	18.8	+58	36	41	6.41	I-II	M	MOD

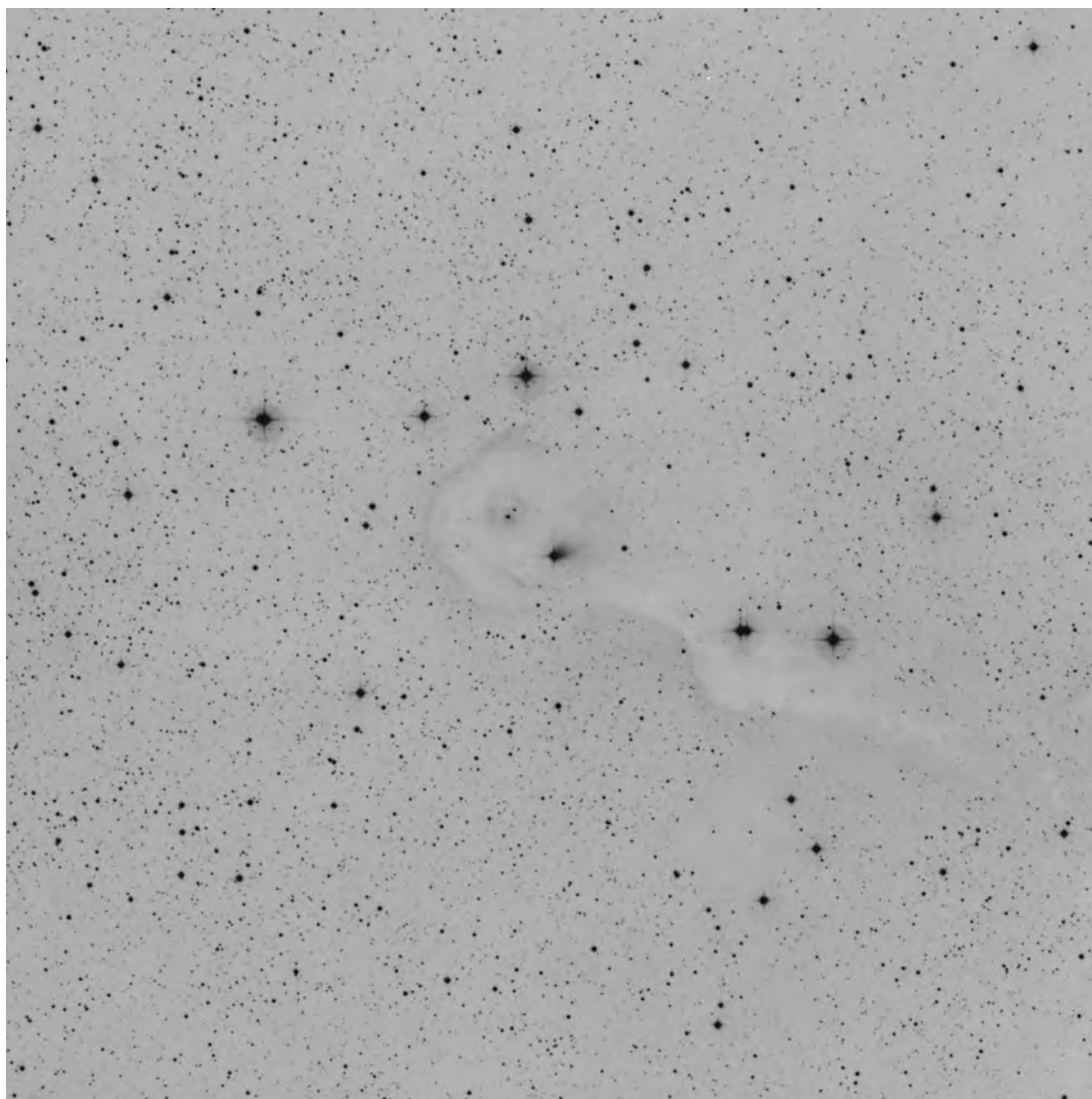
VdB-141 in Cepheus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
141	Cep	21	16	26.3	+68	15	37	9.40	I	F	WK

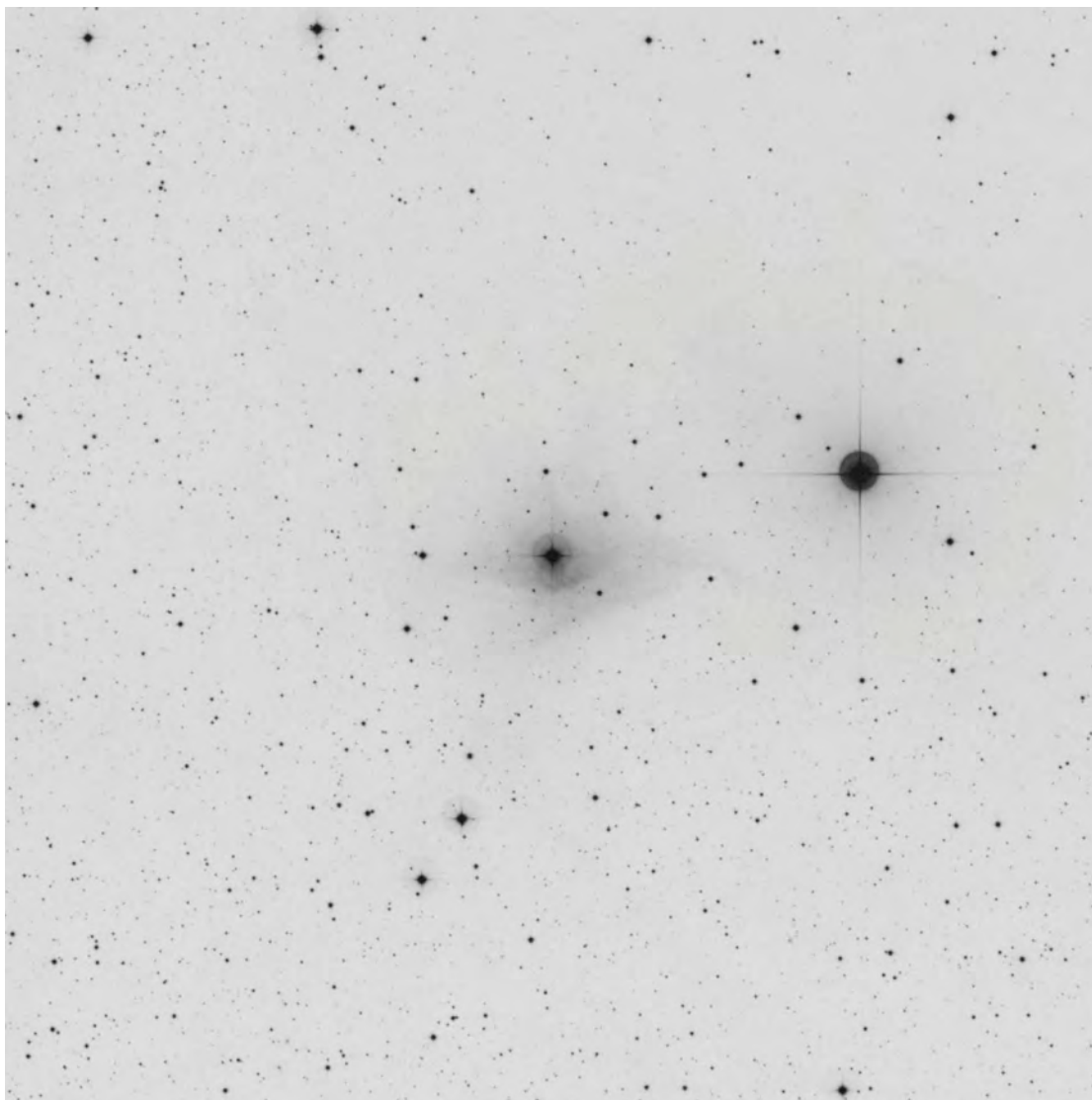
VdB-142 in Cepheus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
142	Cep	21	36	41.0	+57	30	08	8.80	I	M	VSTR

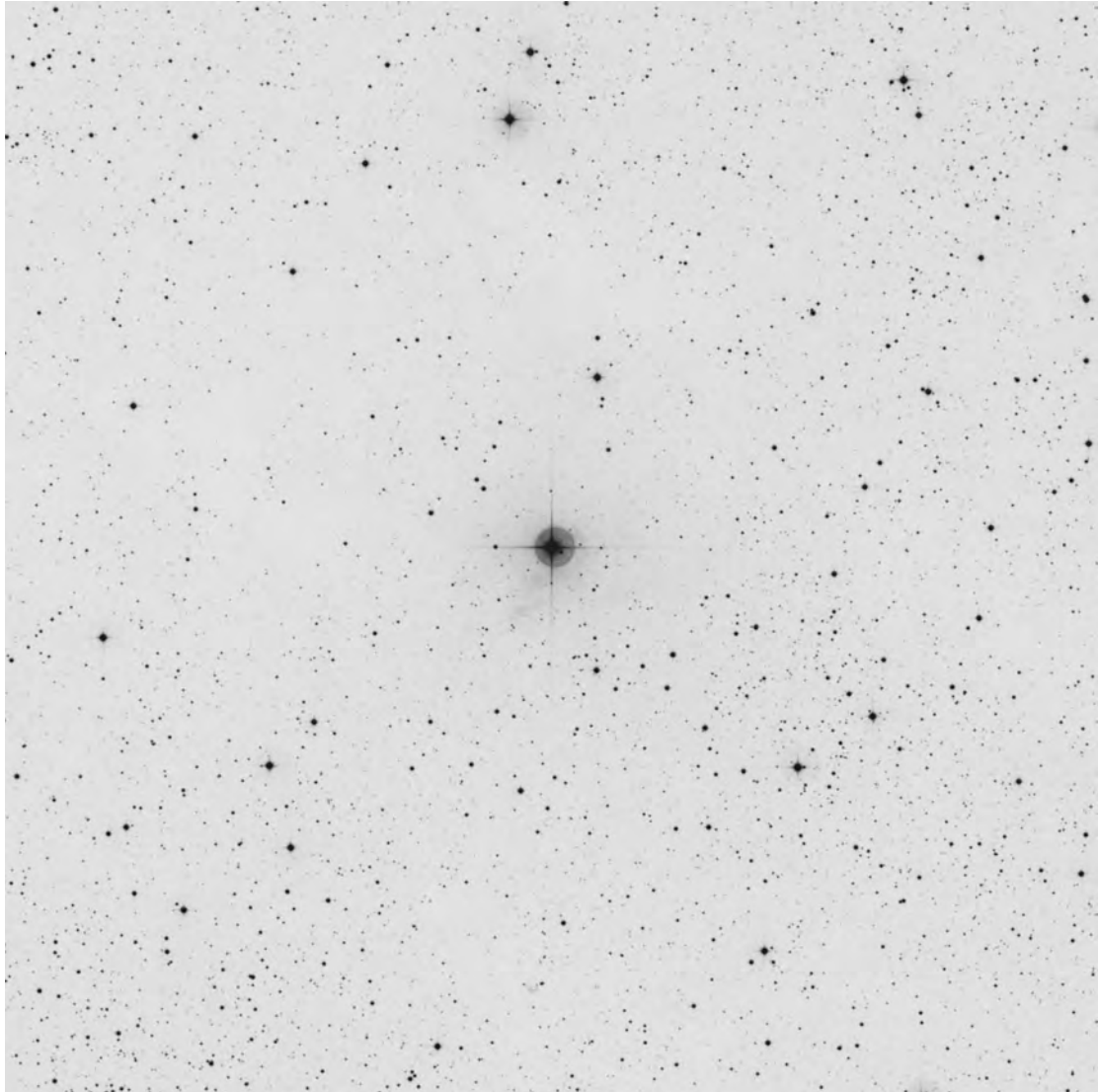
VdB-143 in Cepheus



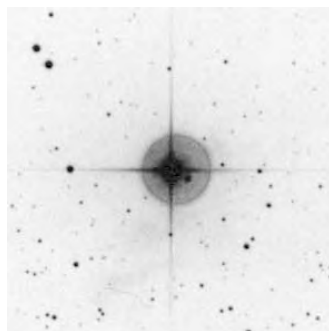
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
143	Cep	21	36	57.1	+68	11	07	8.30	I	BR	MOD

VdB-144 in Cygnus

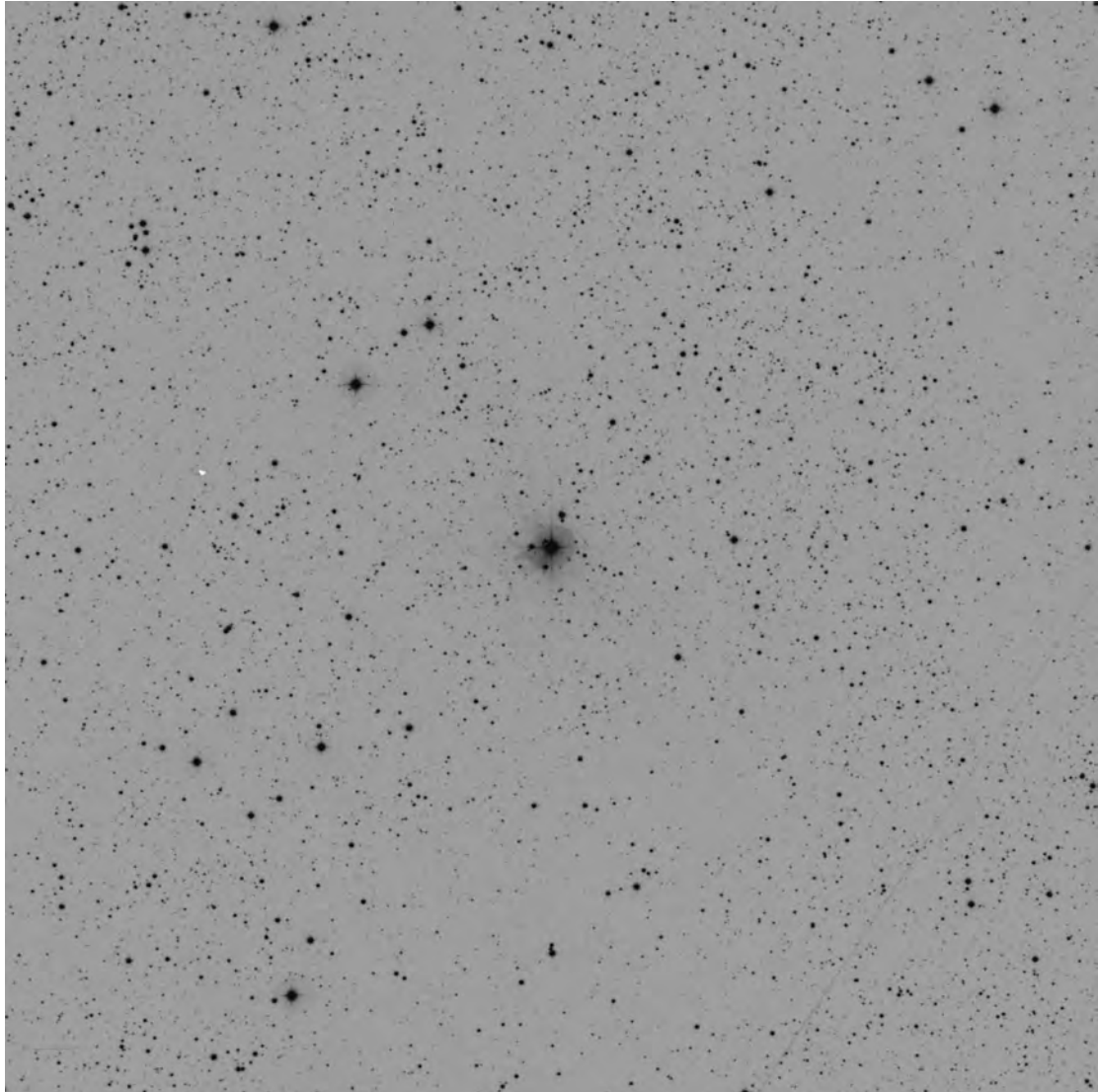


30'X30'

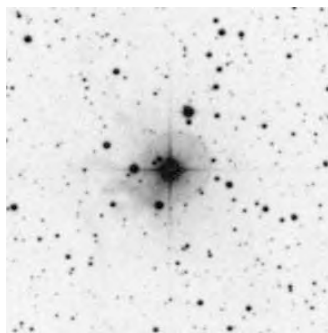


VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
144	Cyg	21	40	43.3	+54	52	20	6.00	I	VF	STR

VdB-145 in Cygnus

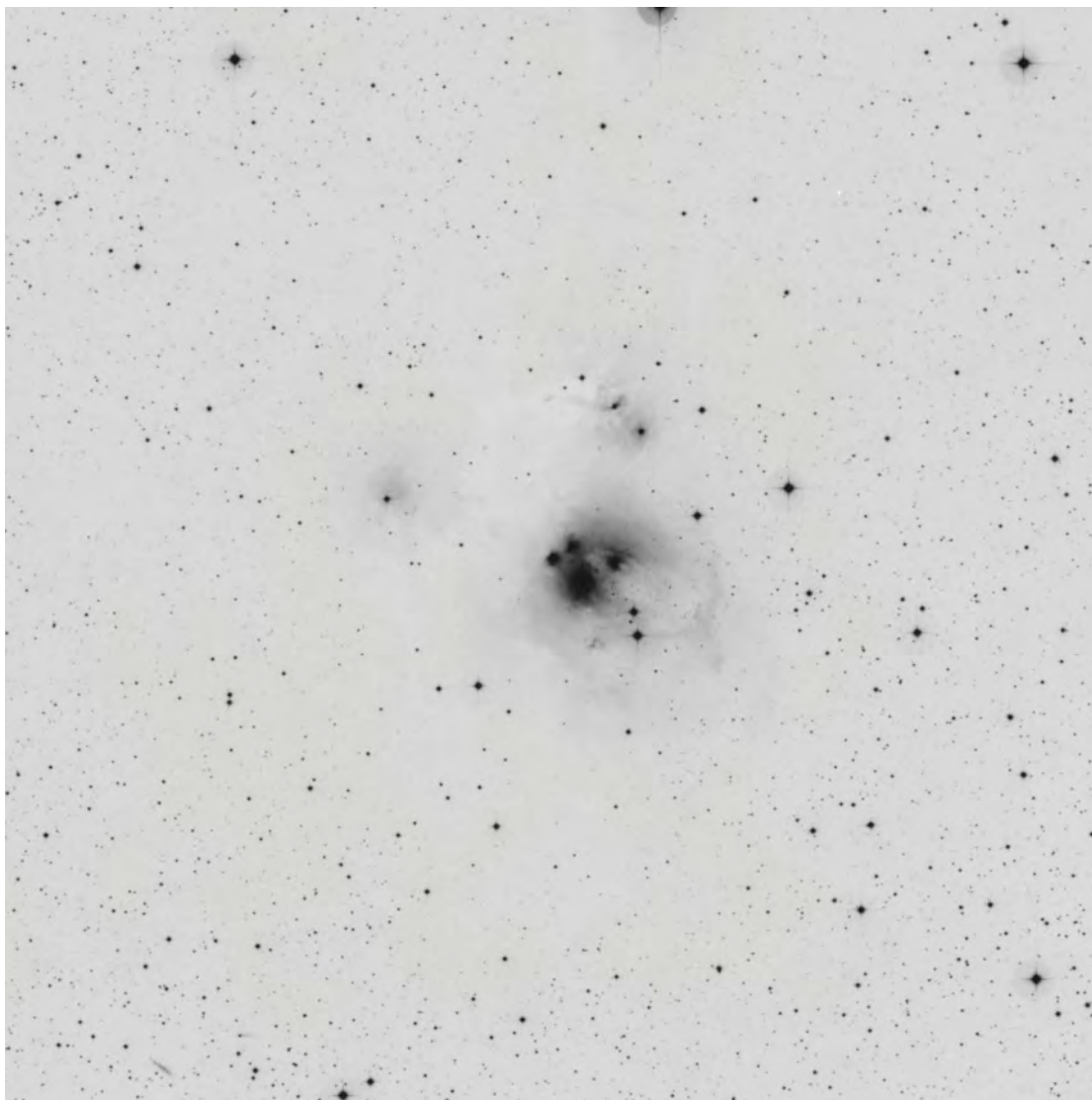


30'X30'



VdB	Con	RA			Dec			Vmag	Type	SurfBr		Absorb
145	Cyg	21	43	37.2	+48	53	02	7.40	I	M	:	MOD

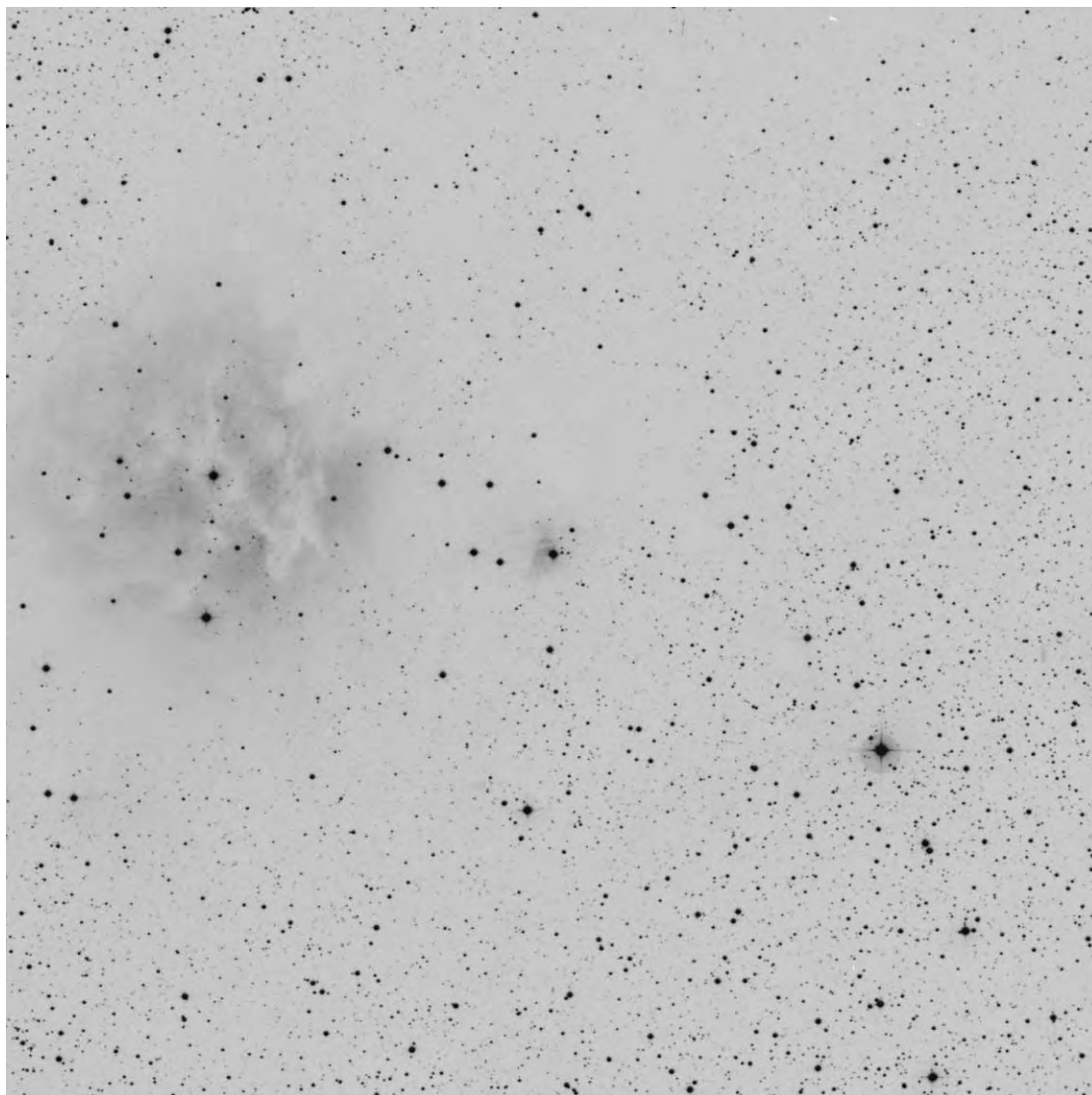
VdB-146 in Cepheus



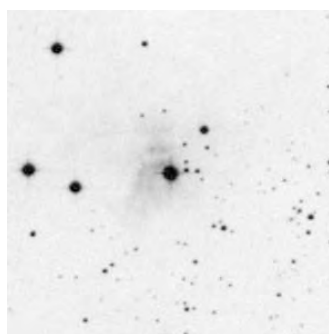
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
146	Cep	21	42	48.0	+66	07	00	9.40	I	BR	STR

VdB-147 in Cygnus

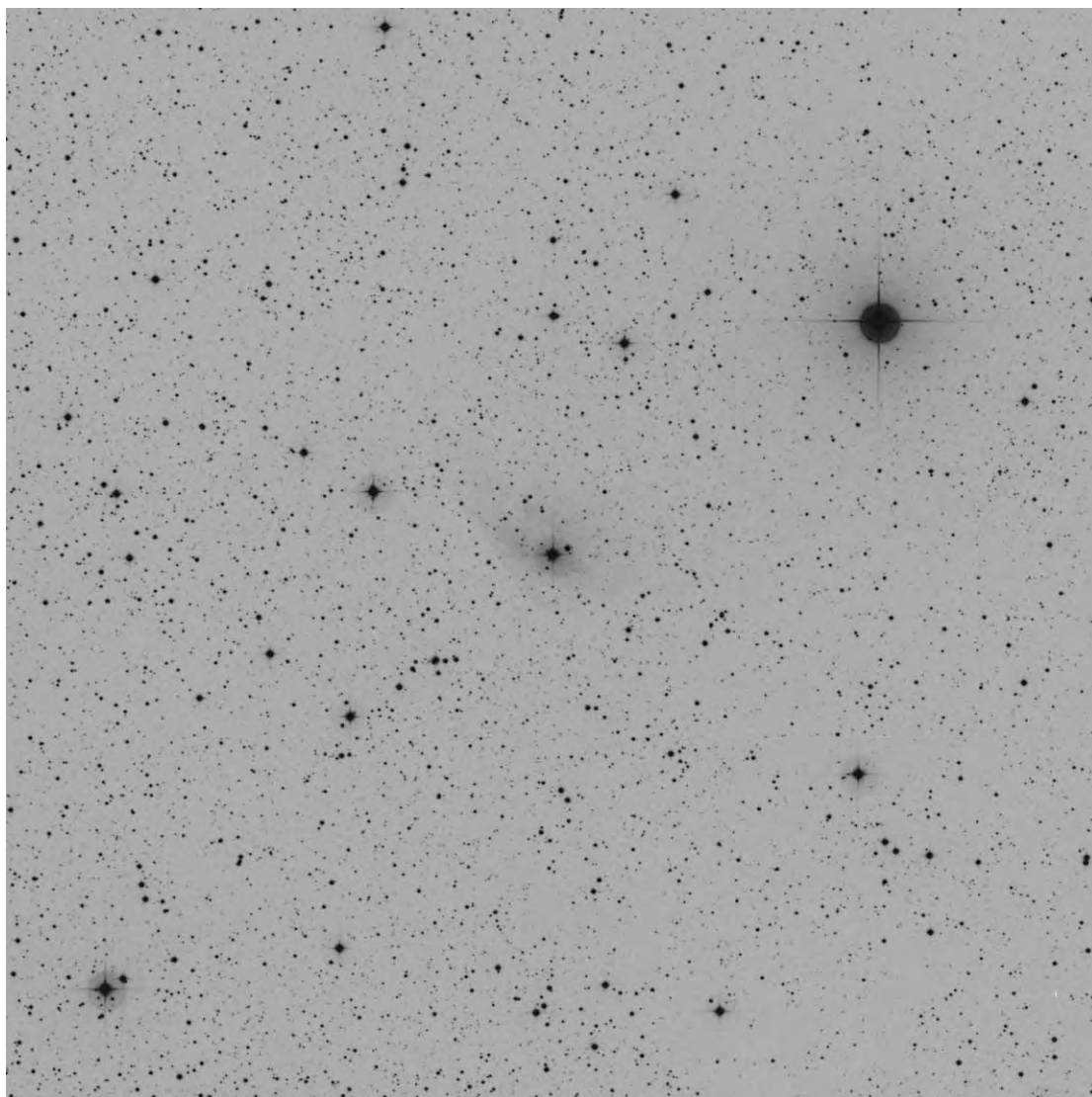


30'X30'



VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
147	Cyg	21	52	34.1	+47	13	44	9.50	I	M	STR

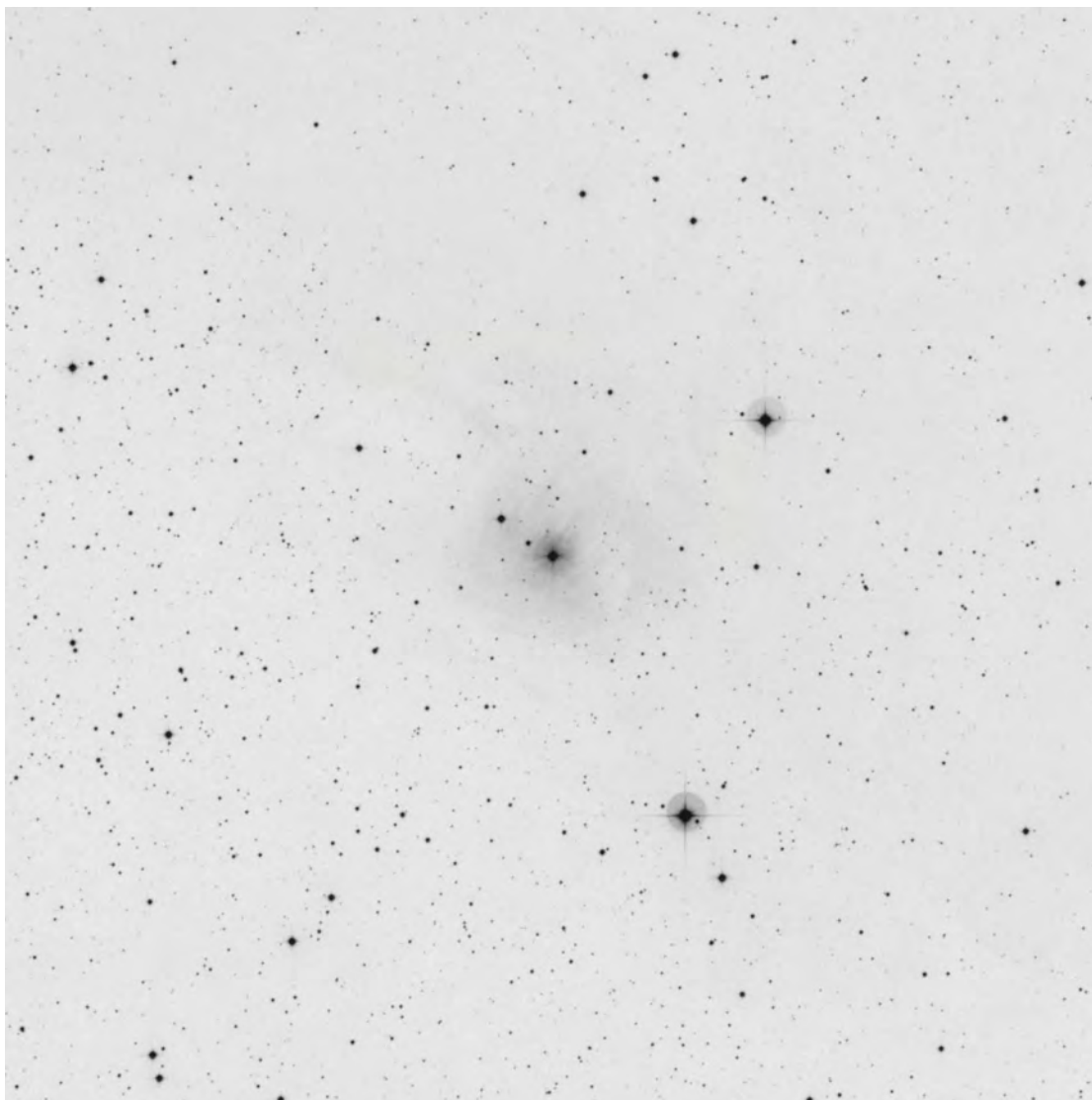
VdB-148 in Cepheus



30'X30'

VdB	Con	RA		Dec		Vmag	Type	SurfBr	Absorb
148	Cep	22	07 17.0	+56	14 02	8.70	II	F	MOD

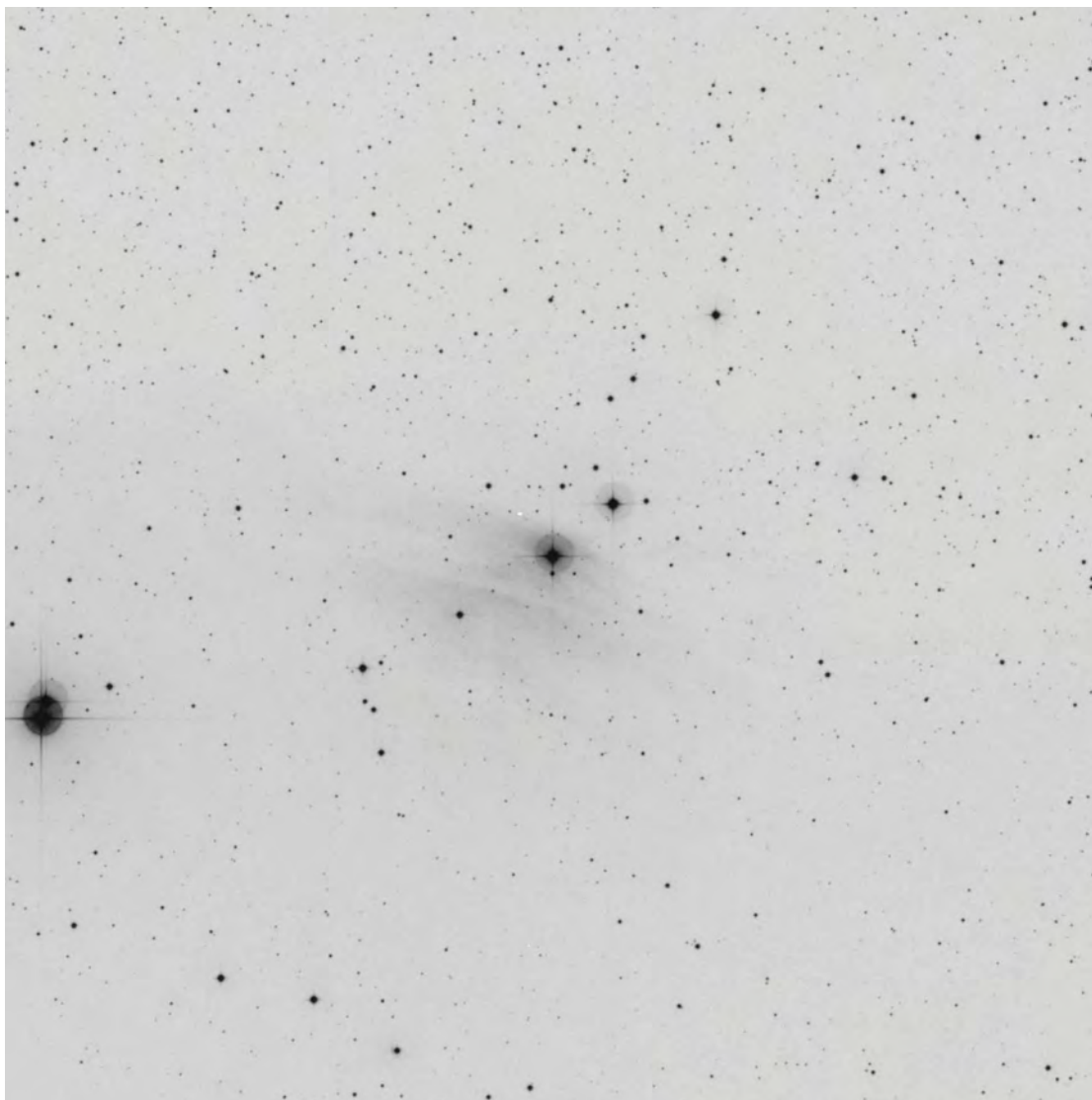
VdB-149 in Cepheus



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
149	Cep	22 09 08.5	+72 53 05	9.10	I	M	MOD

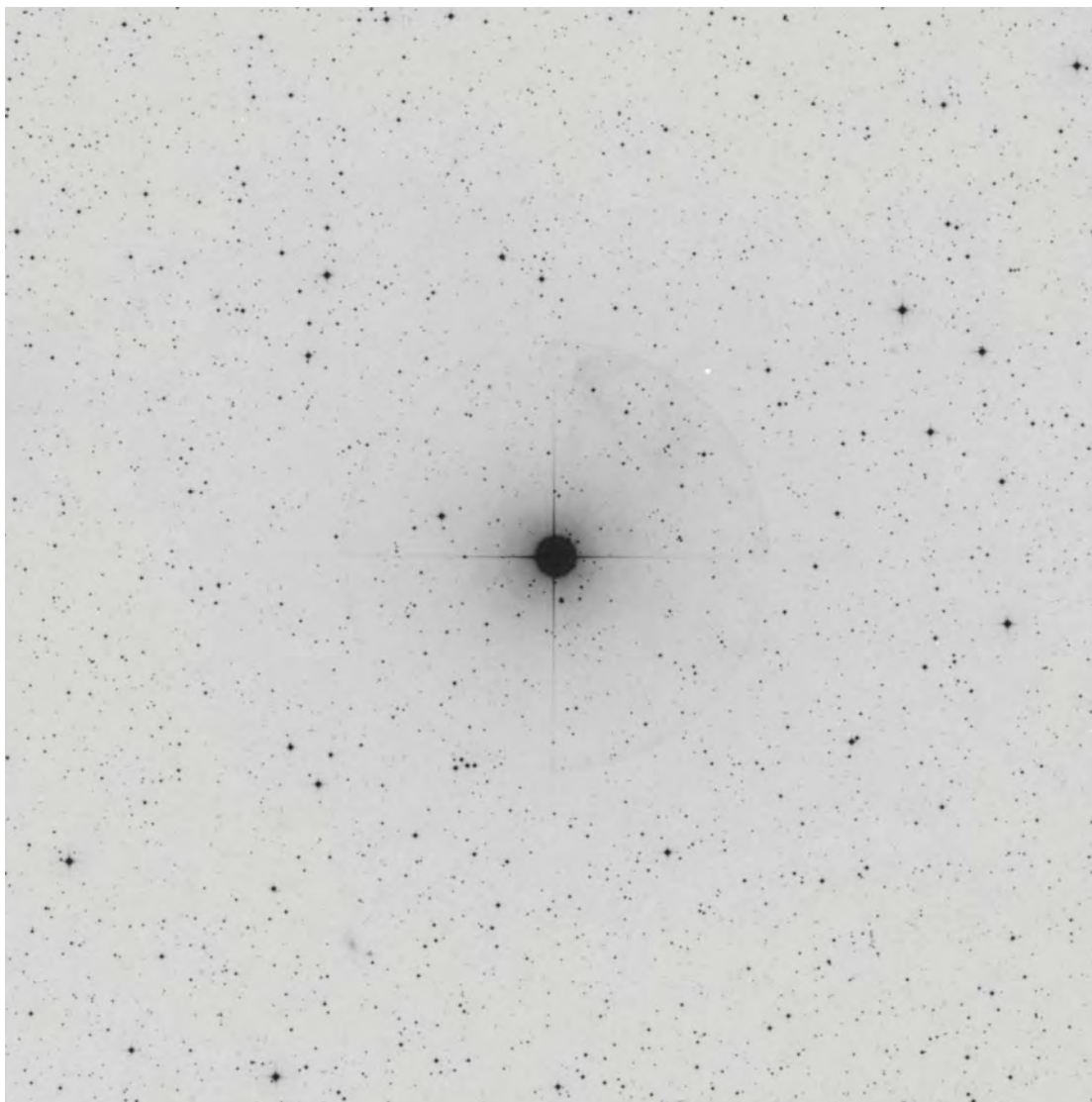
VdB-150 in Cepheus



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
150	Cep	22 09 40.1	+73 23 27	8.40	I	M	STR

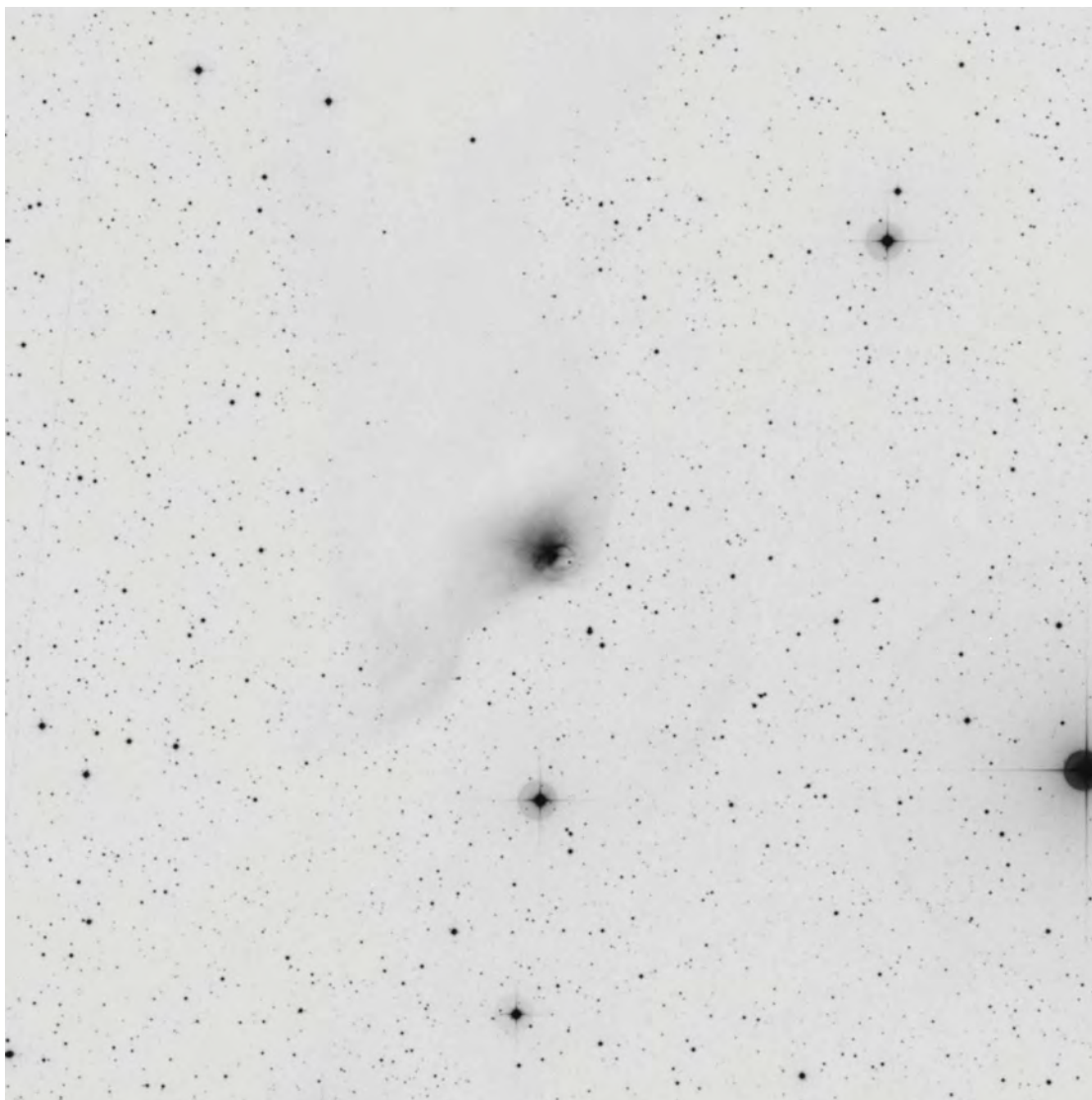
VdB-151 in Lacerta



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
151	Lac	22	13	52.7	+39	42	54	4.49	II :	F	ABS

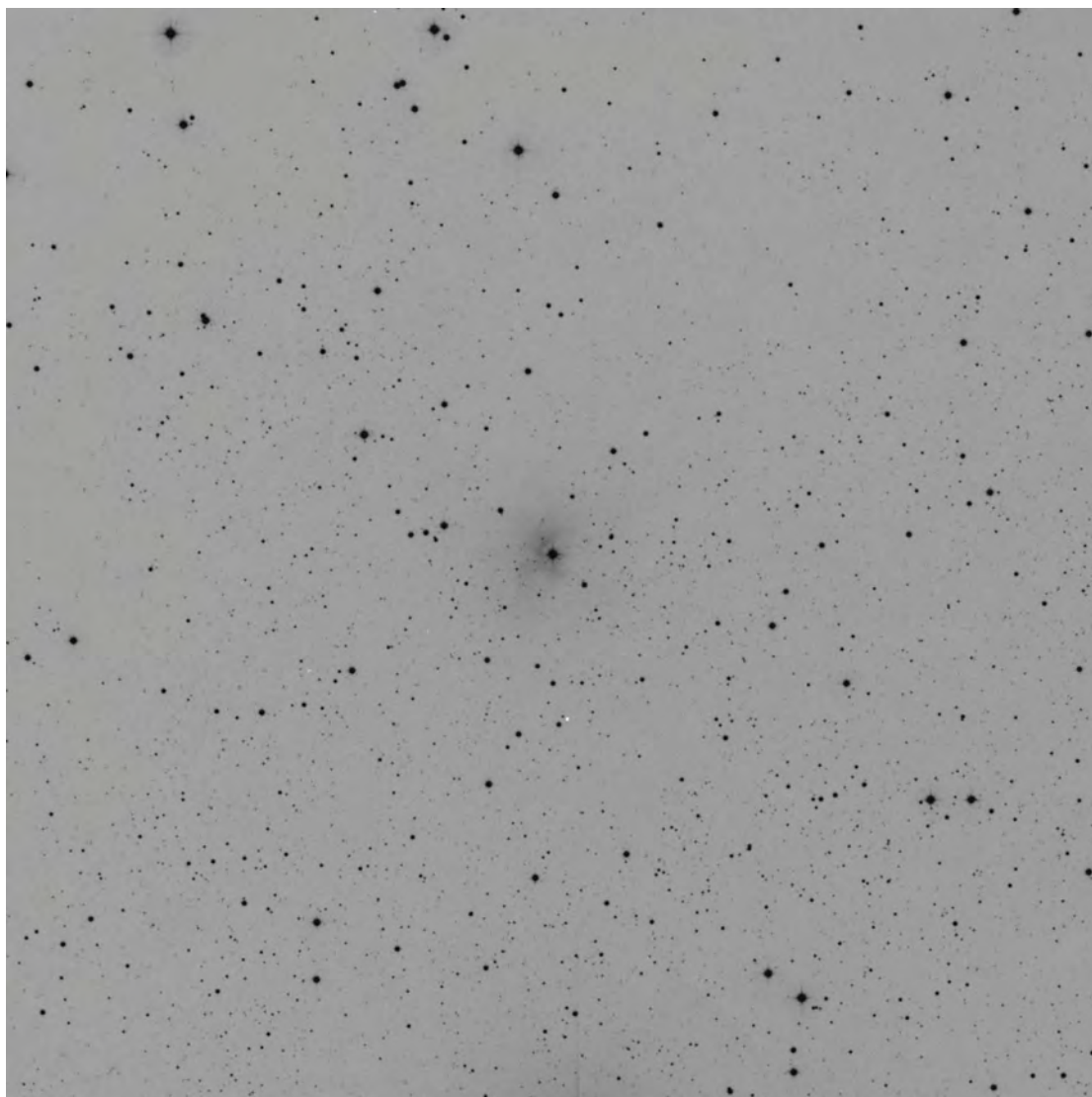
VdB-152 in Cepheus



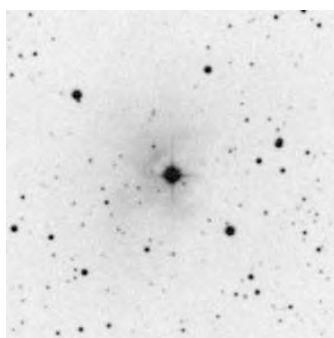
30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
152	Cep	22	13	24.5	+70	15	05	8.80	I	VB	VSTR

VdB-153 in Cepheus

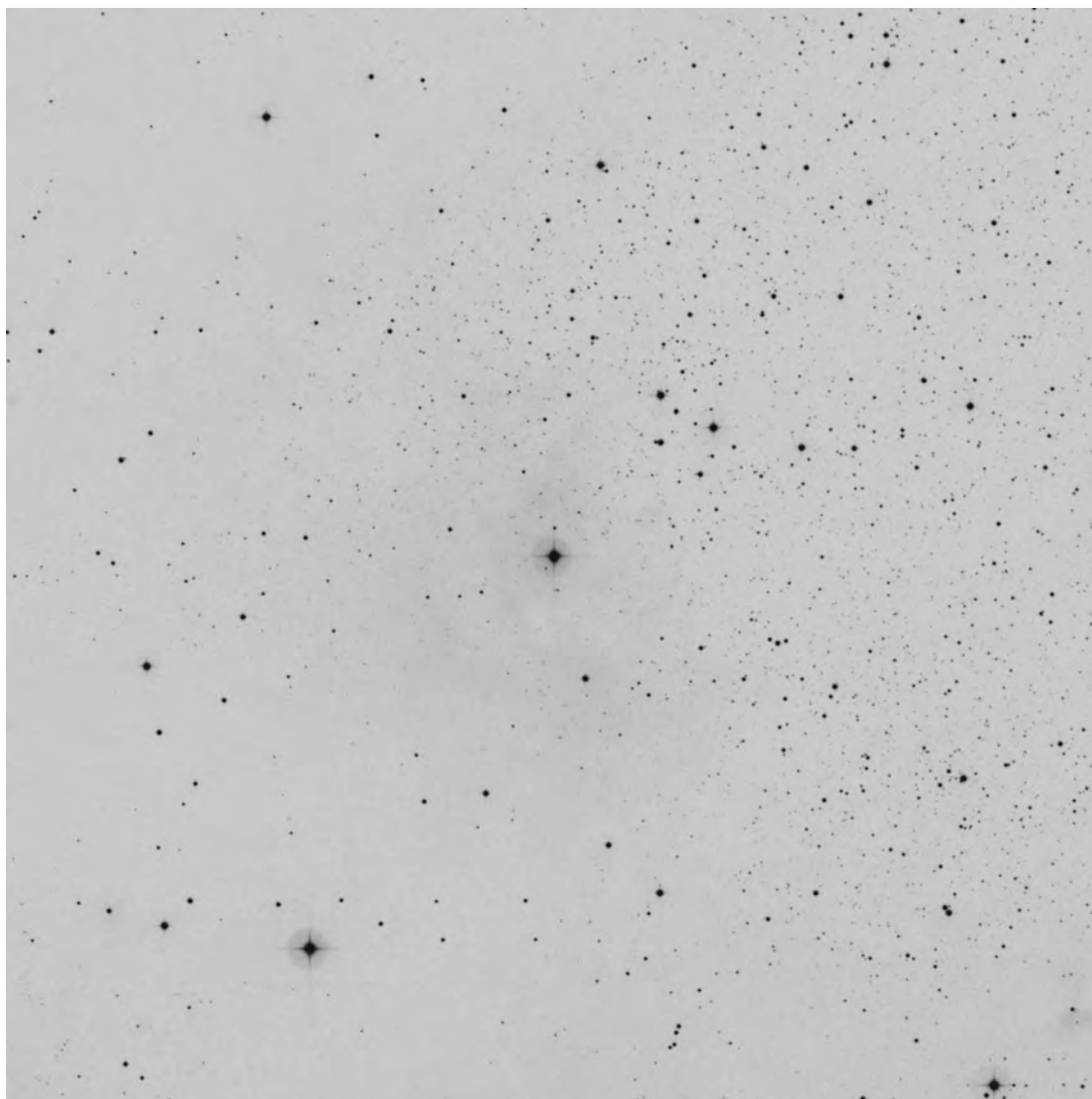


30'X30'



VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
153	Cep	22	23	12.3	+62	42	00	9.40	I	M	STR

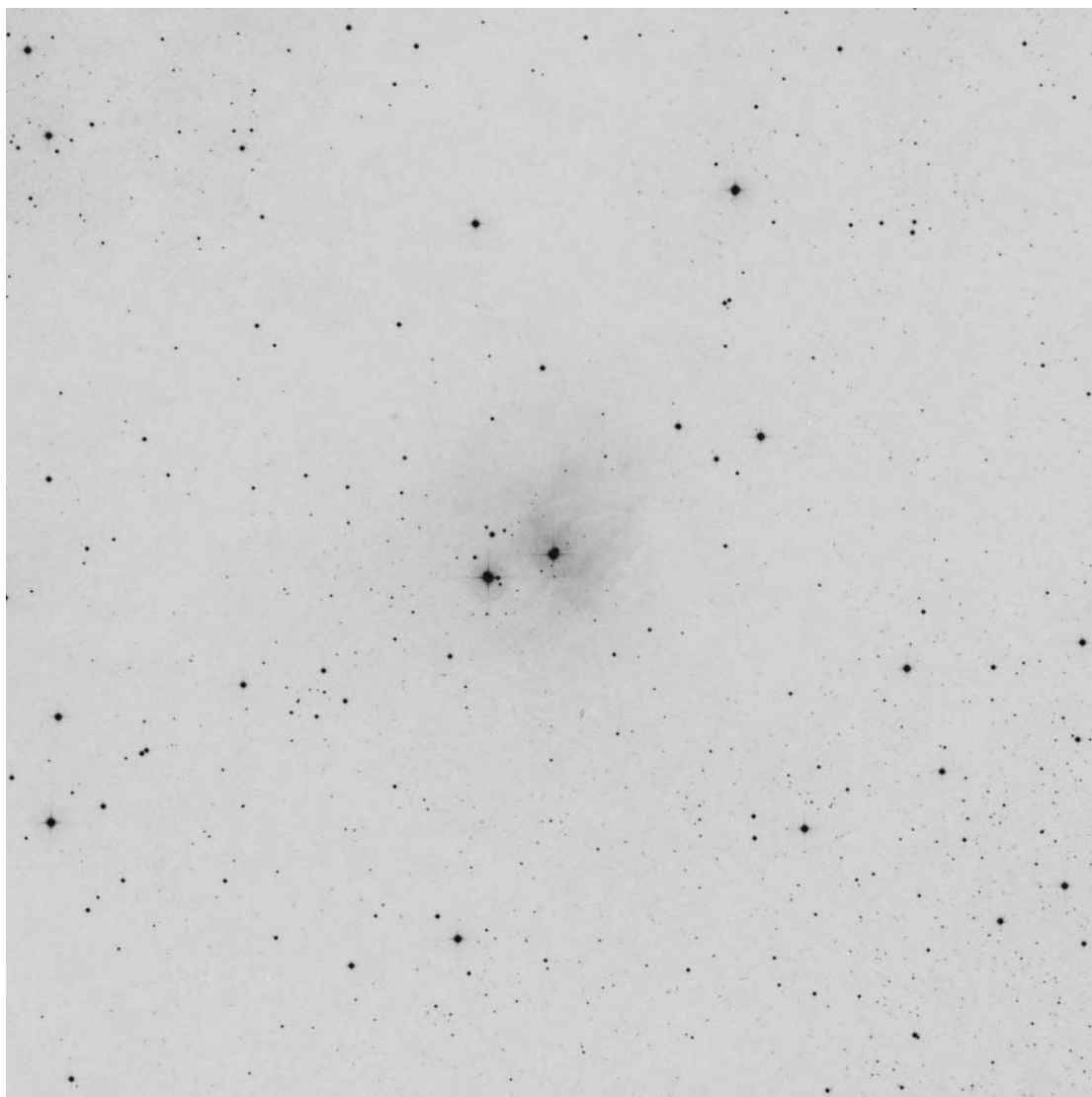
VdB-154 in Cepheus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
154	Cep	22	31	13.6	+65	27	58	8.90	II	F	MOD

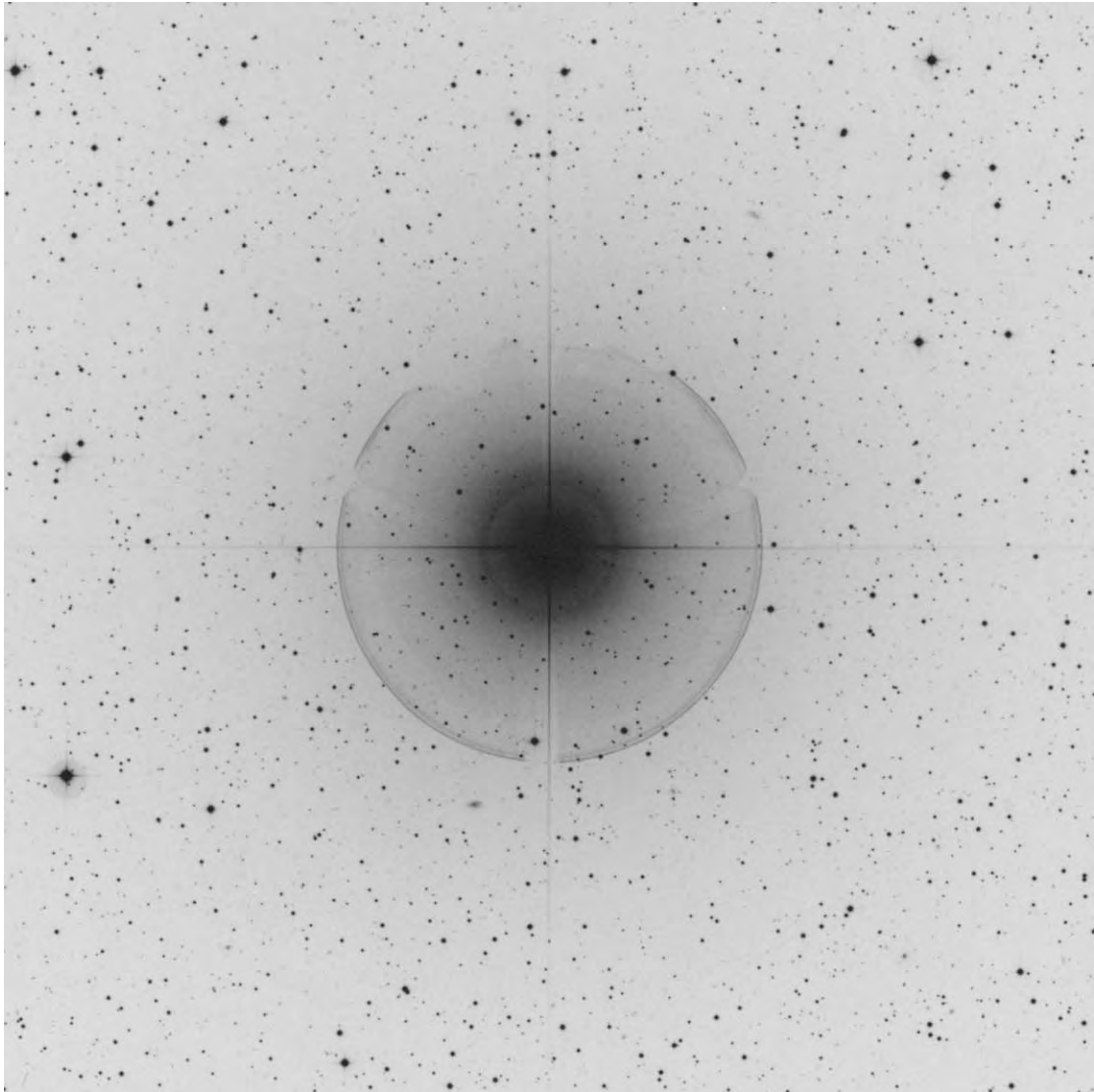
VdB-155 in Cepheus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
155	Cep	22	53	15.6	+62	08	45	9.29	I	M	STR

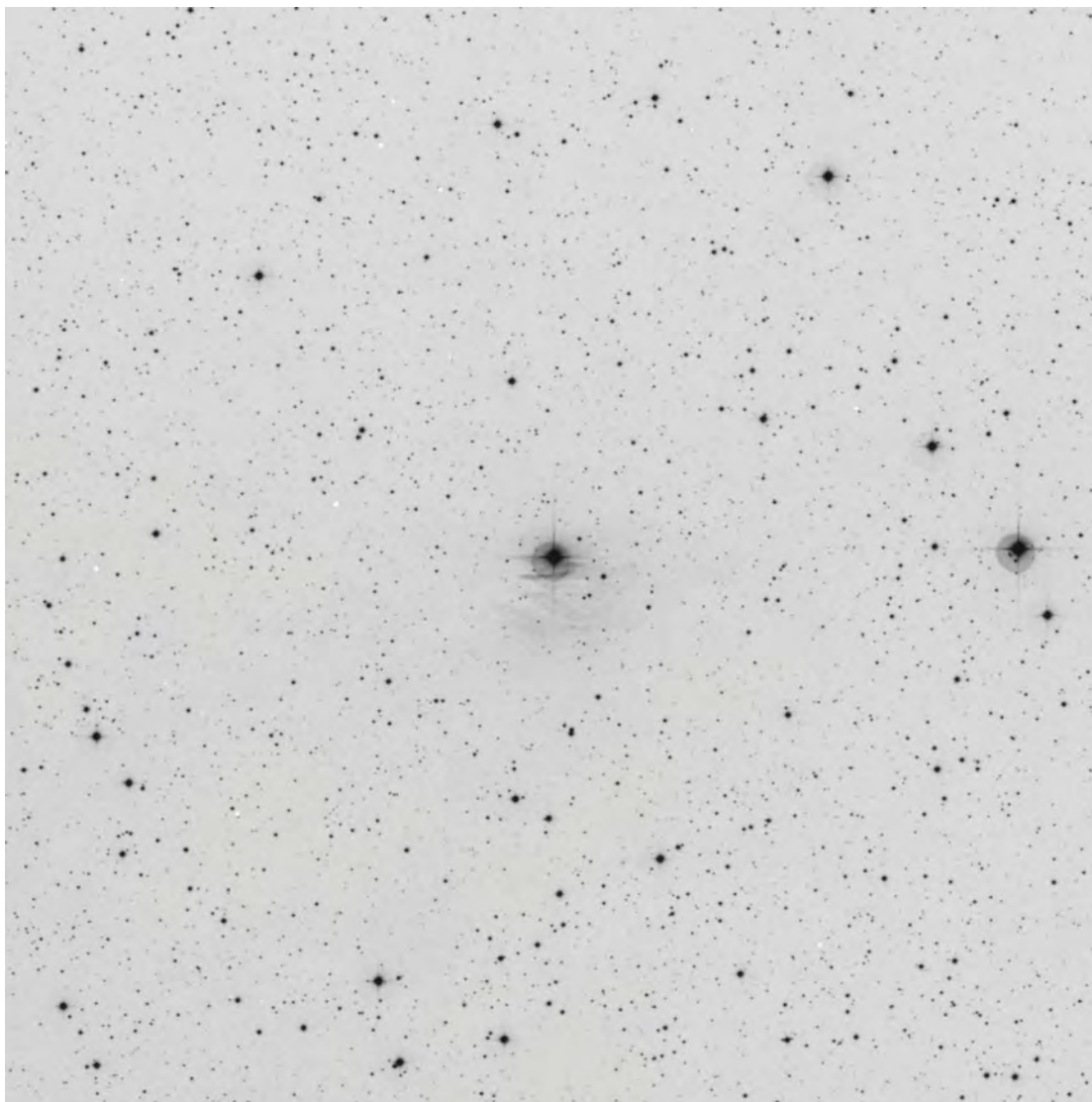
VdB-156 in Andromeda



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
156	And	23 01 55.3	+42 19 34	3.62	II	F	WK

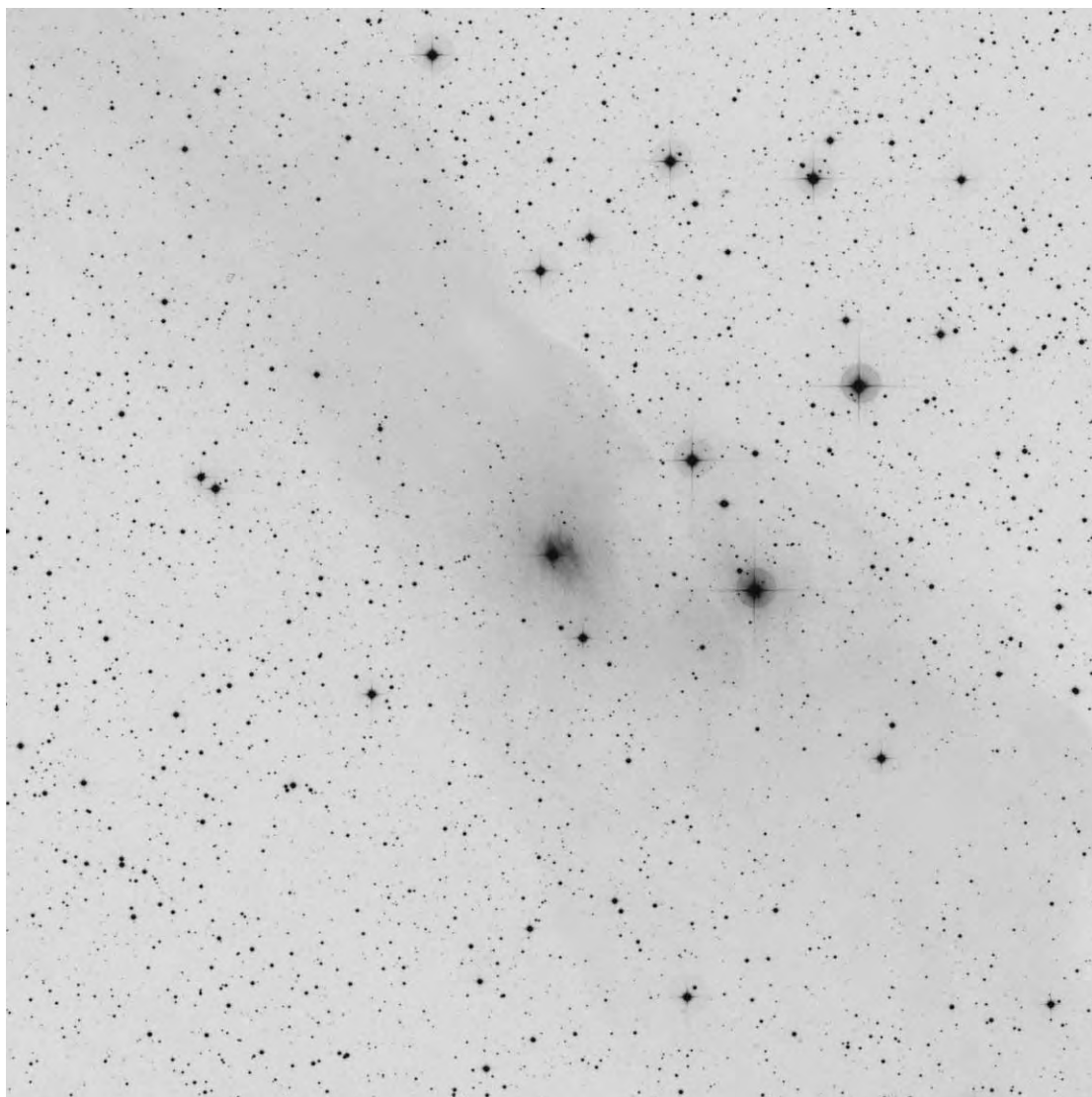
VdB-157 in Cepheus



30'X30'

VdB	Con	RA	Dec	Vmag	Type	SurfBr	Absorb
157	Cep	23 02 15.7	+72 43 49	7.80	P	F	WK

VdB-158 in Cepheus



30'X30'

VdB	Con	RA			Dec			Vmag	Type	SurfBr	Absorb
158	And	23	37	51.6	+48	29	48	9.00	I	M	WK

