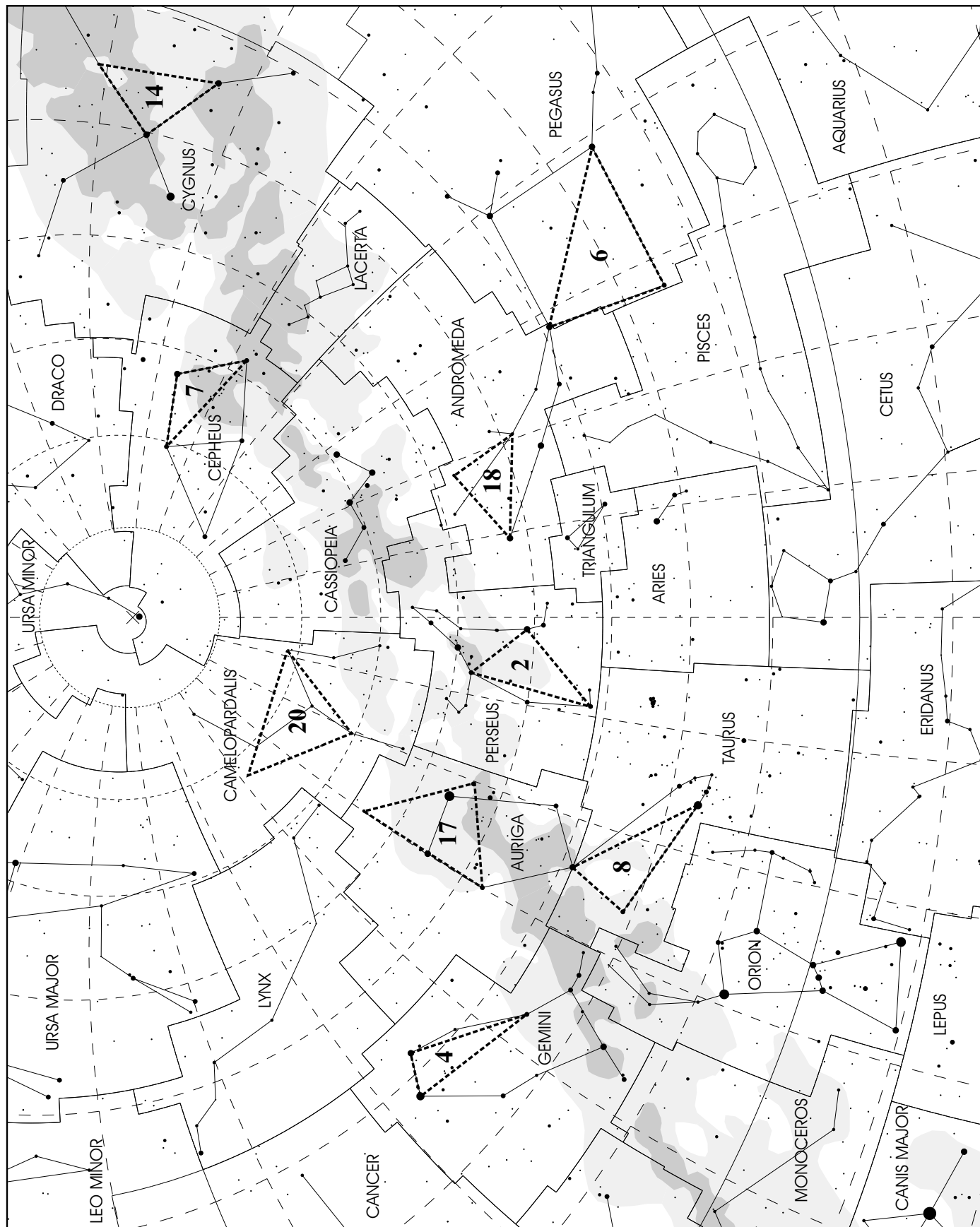
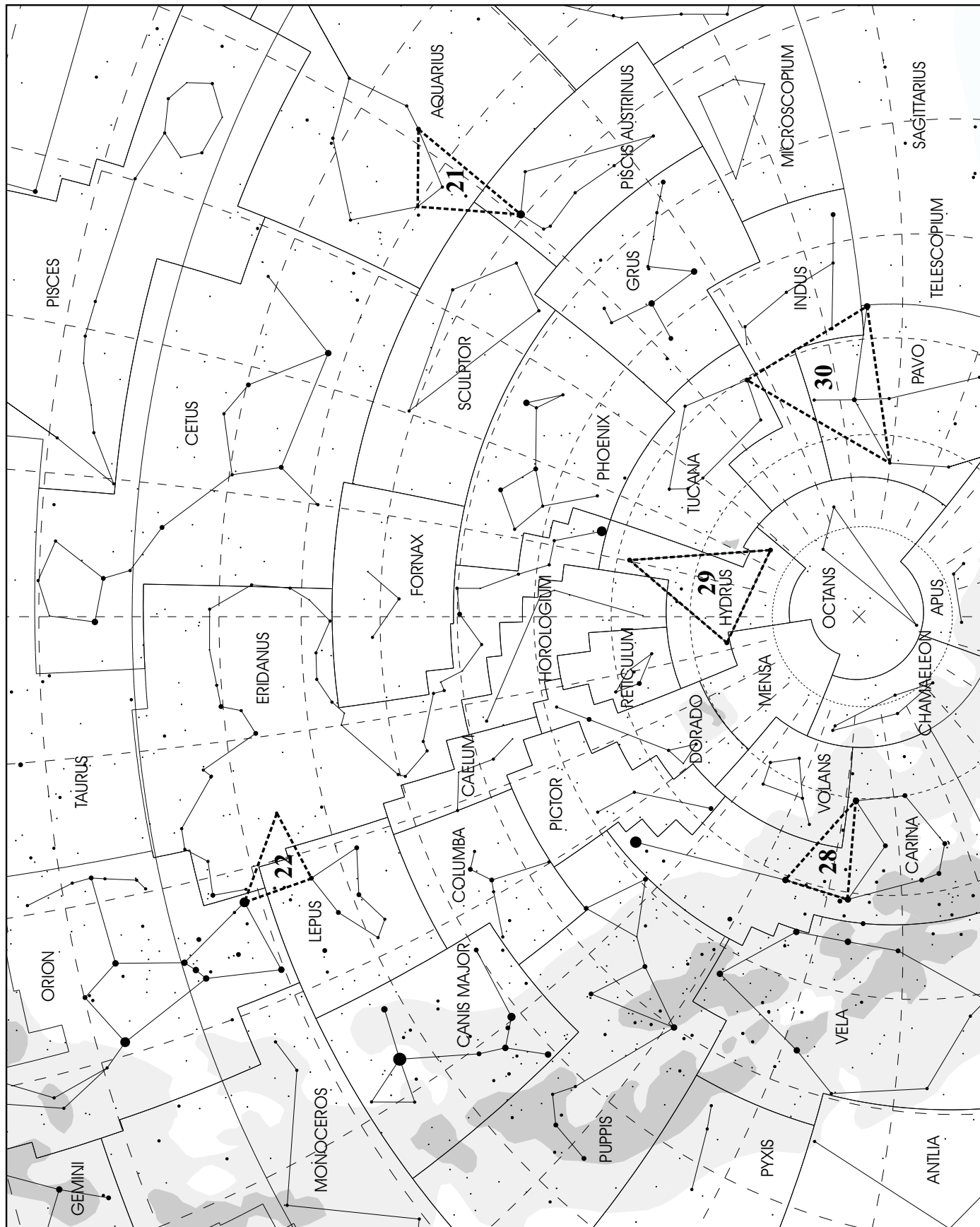
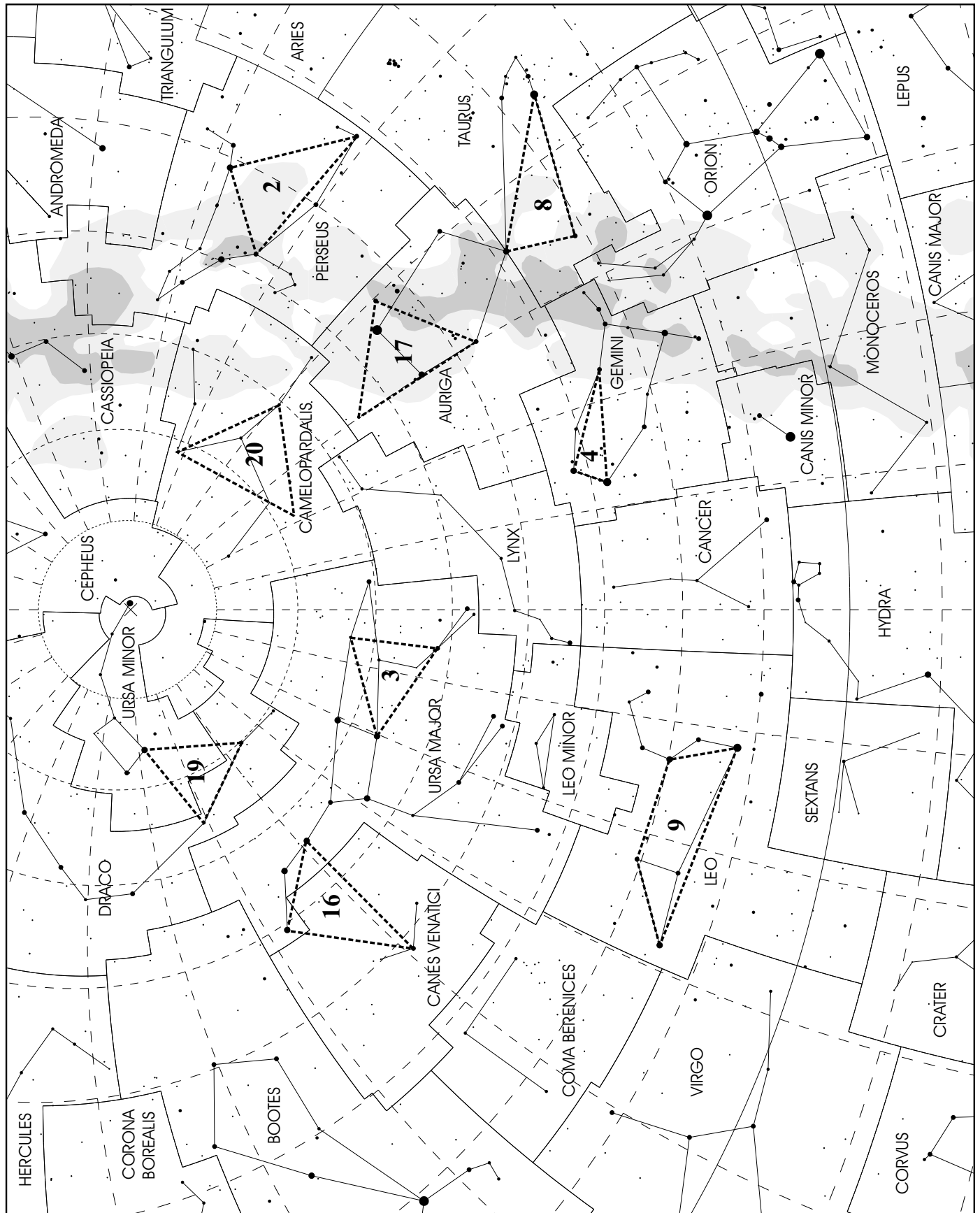
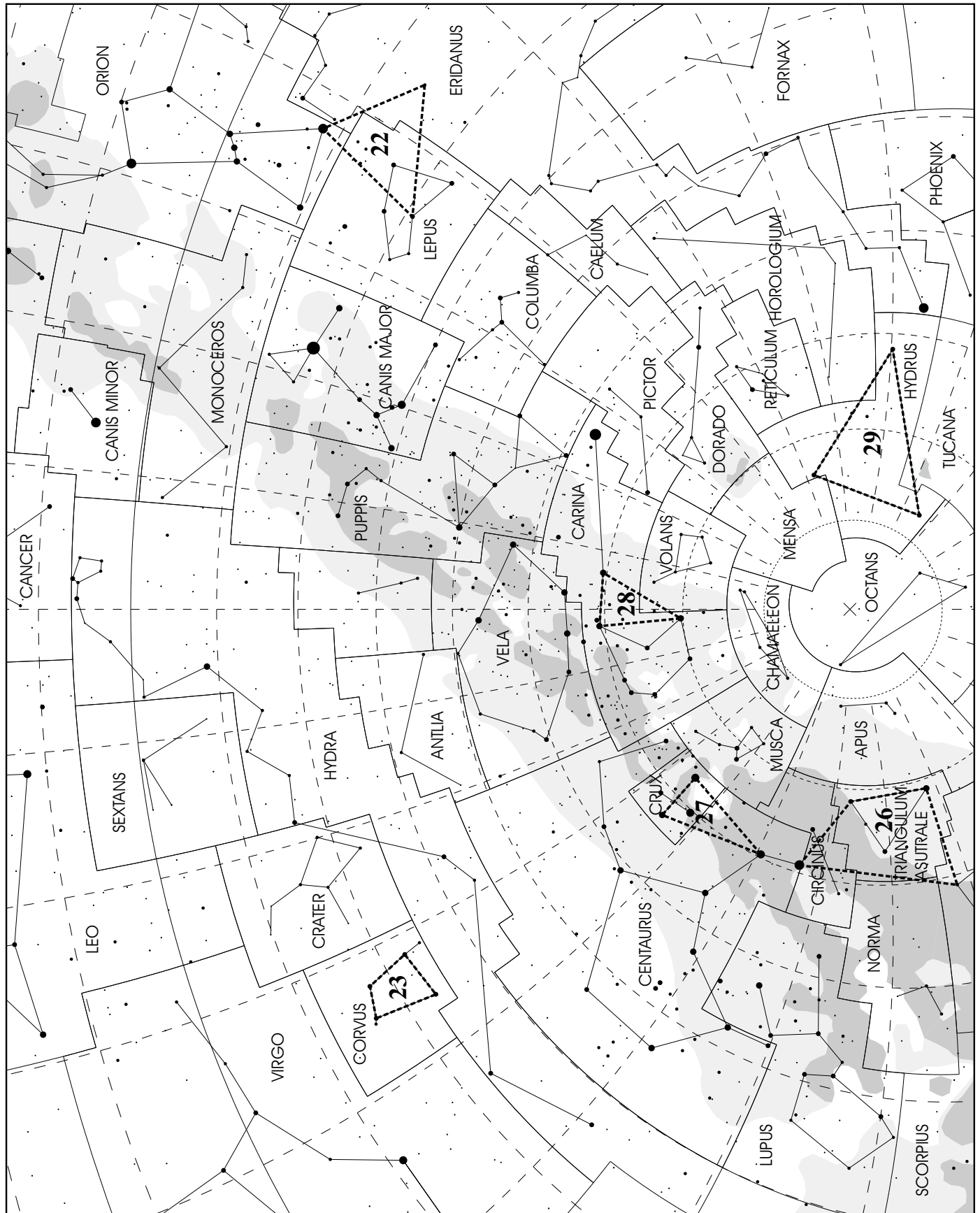


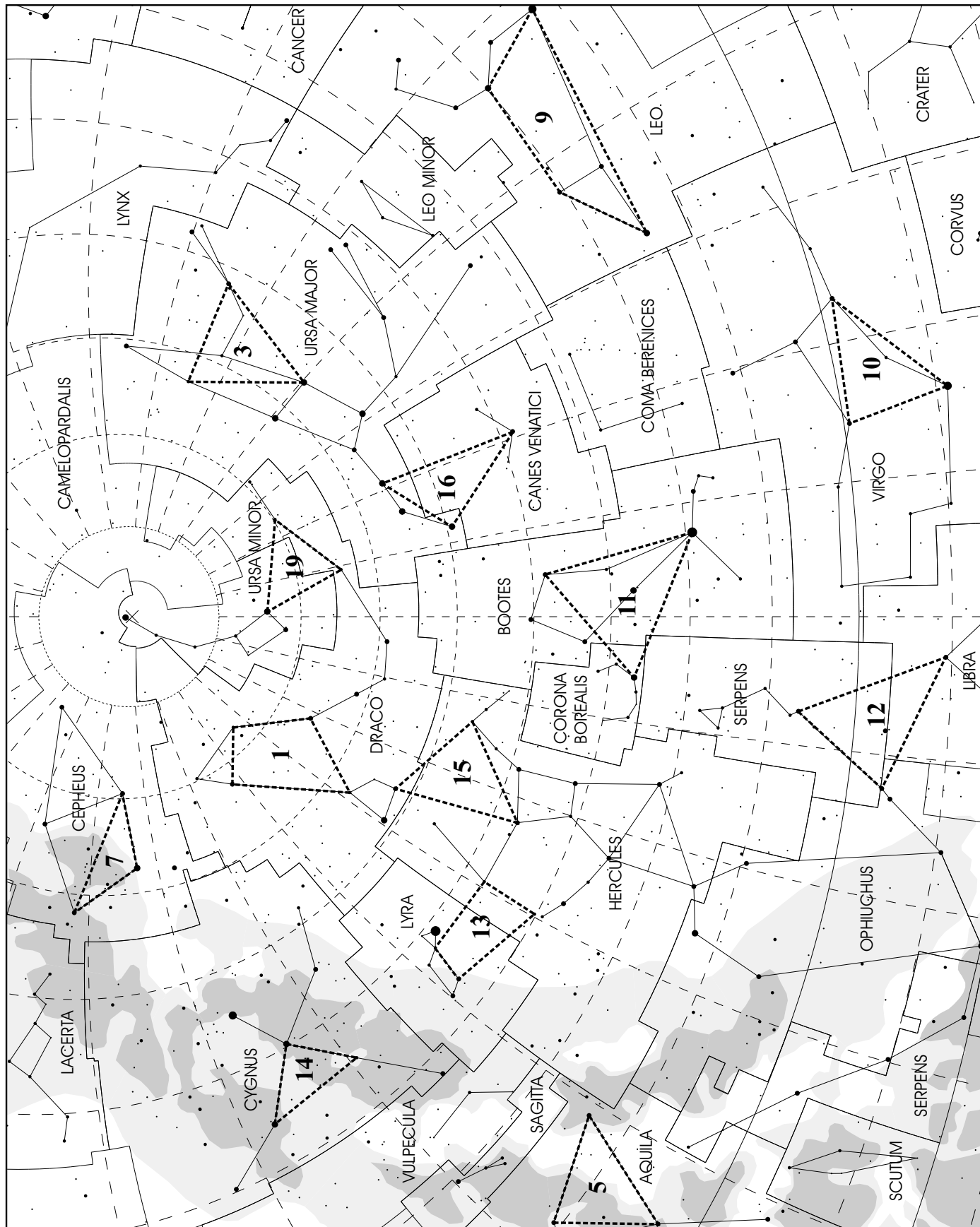
Corner Stars of Limiting Magnitude Fields									
Field	Corner Stars								
1	χ	DRA	$-\zeta$	DRA	$-\delta$	DRA	$-\xi$	DRA	
2	β	PER	$-\delta$	PER	$-\zeta$	PER			
3	23	UMA	$-\theta$	UMA	$-\beta$	UMA			
4	α	GEM	$-\epsilon$	GEM	$-\beta$	GEM			
5	ζ	AQL	$-\gamma$	AQL	$-\delta$	AQL			
6	α	AND	$-\gamma$	PEG	$-\alpha$	PEG			
7	α	CEP	$-\beta$	CEP	$-\delta$	CEP			
8	α	TAU	$-\beta$	TAU	$-\zeta$	TAU			
9	α	LEO	$-\beta$	LEO	$-\gamma$	LEO	$-\delta$	LEO	
10	α	VIR	$-\zeta$	VIR	$-\gamma$	VIR			
11	α	CRB	$-\gamma$	BOO	$-\alpha$	BOO			
12	α	SER	$-\beta$	LIB	$-\delta$	OPH			
13	β	LYR	$-\zeta$	LYR	$-\theta$	HER	$-\nu$	HER	
14	ϵ	CYG	$-\eta$	CYG	$-\gamma$	CYG			
15	β	DRA	$-\tau$	HER	$-\pi$	HER			
16	α	CVN	$-\epsilon$	UMA	$-\eta$	UMA			
17	ϵ	AUR	$-\theta$	AUR	$-\delta$	AUR			
18	μ	AND	$-\gamma$	AND	$-\phi$	AND			
19	κ	DRA	$-\alpha$	DRA	$-\beta$	UMI			
20	42	CAM	$-\beta$	CAM	$-\gamma$	CAM			
21	α	PSA	-98	AQR	$-\delta$	AQR			
22	β	LEP	$-\beta$	ORI	-53	ERI			
23	δ	CRV	$-\gamma$	CRV	$-\epsilon$	CRV	$-\beta$	CRV	
24	β	LIB	$-\gamma$	LIB	$-\sigma$	LIB	$-\alpha$	LIB	
25	α	SCO	$-\epsilon$	SCO	$-\chi$	LUP			
26	γ	TRA	$-\alpha$	TRA	$-\eta$	ARA	$-\alpha$	CEN	
27	β	CEN	$-\alpha$	CRU	$-\gamma$	CRU			
28	β	CAR	$-\epsilon$	CAR	$-\iota$	CAR			
29	γ	HYD	$-\alpha$	HYD	$-\beta$	HYD			
30	α	TUC	$-\alpha$	PAV	$-\epsilon$	PAV			

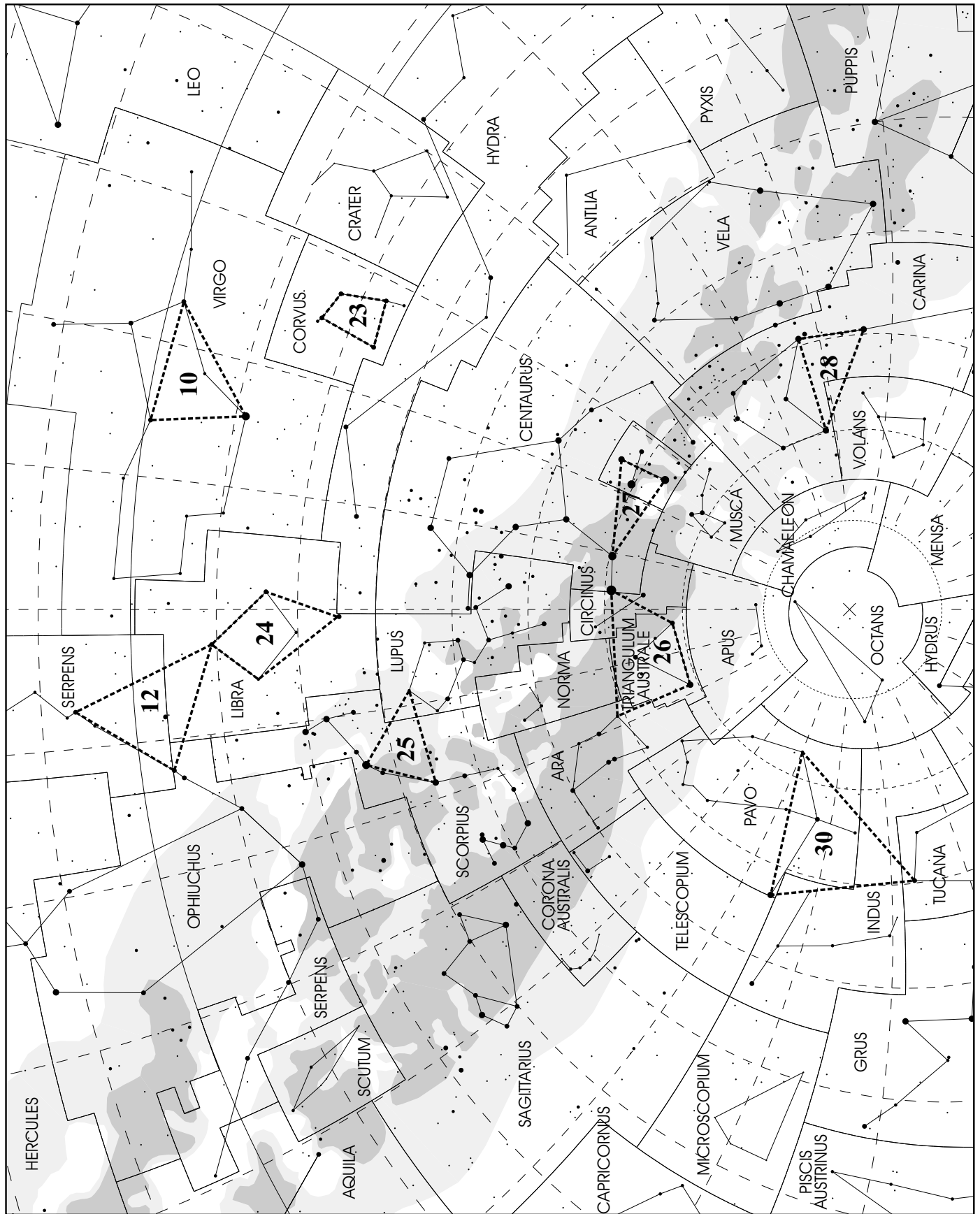
















Use these tables to look-up the limiting magnitude. After counting the number of stars you can see in the star field, look up the count (N) for that field to find the limiting magnitude (LM).

1		2		3		4		5		6		7		8		9		10	
N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM
5	4.2	6	5.0	5	4.5	5	4.3	4	4.6	4	4.7	3	4.0	4	4.7	7	4.4	4	4.5
6	4.9	7	5.1	6	4.6	6	5.0	5	5.1	5	5.2	4	4.5	5	4.8	8	5.0	5	5.8
8	5.0	8	5.4	7	4.8	7	5.1	6	5.2	6	5.4	5	4.6	7	5.1	11	5.6	7	5.9
9	5.2	10	5.6	8	5.2	8	5.3	7	5.4	7	5.7	7	4.9	8	5.3	13	5.7	8	6.0
10	5.3	11	5.7	9	5.4	9	5.6	8	6.0	8	5.9	8	5.2	9	5.5	15	6.0	11	6.1
11	6.0	12	5.8	11	5.7	10	5.7	10	6.2	9	6.2	10	5.4	10	5.9	18	6.1	12	6.4
12	6.1	13	6.0	13	5.8	11	5.9	11	6.4	12	6.3	12	5.5	11	6.0	20	6.3	15	6.5
15	6.3	14	6.1	14	6.0	12	6.1	12	6.5	14	6.4	13	5.9	12	6.1	21	6.4	16	6.7
16	6.4	15	6.2	15	6.1	13	6.2	13	6.6	17	6.5	14	6.0	15	6.2	24	6.6	17	6.8
17	6.5	17	6.3	16	6.2	14	6.3	19	6.9	20	6.6	15	6.1	16	6.3	25	6.7	19	7.0
18	6.6	20	6.4	17	6.3	15	6.4	22	7.0	25	6.7	17	6.2	17	6.4	29	6.9	22	7.1
20	6.7	23	6.6	18	6.4	16	6.5	24	7.1	29	6.8	18	6.3	20	6.5	32	7.0	23	7.2
23	6.8	26	6.7	19	6.5	18	6.6	25	7.2	30	6.9	20	6.4	21	6.6	34	7.1	25	7.3
28	6.9	27	6.8	20	6.6	20	6.7	26	7.3	33	7.0	22	6.5	23	6.7	38	7.2	26	7.4
34	7.0	29	6.9	23	6.7	22	6.9	27	7.4	35	7.1	23	6.8	26	6.8	40	7.3	31	7.5
41	7.1	31	7.0	25	6.8	23	7.0			40	7.2	26	6.9	28	6.9	44	7.4		
46	7.2	35	7.1	27	6.9	25	7.2			43	7.3	33	7.0	29	7.0	45	7.5		
55	7.3	42	7.2	29	7.0	26	7.3			46	7.4	41	7.1	31	7.4				
60	7.4	44	7.3	33	7.1	30	7.5			49	7.5	48	7.2	32	7.5				
73	7.5	54	7.4	37	7.2							49	7.3						
		59	7.5	44	7.3							57	7.4						
				49	7.4							65	7.5						
				54	7.5														

11		12		13		14		15		16		17		18		19		20	
N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM
6	4.5	6	5.2	2	4.0	3	4.0	4	4.9	4	4.6	6	4.2	3	4.2	4	5.2	1	4.2
7	4.7	7	5.3	4	4.3	4	4.8	5	5.1	5	5.1	8	4.6	4	4.3	5	5.4	2	4.4
9	4.9	9	5.4	5	4.5	6	4.9	6	5.5	6	5.7	9	5.1	6	5.0	6	5.7	4	4.7
10	5.0	11	5.6	6	5.0	7	5.0	8	5.8	7	5.9	10	5.5	7	5.1	8	6.1	5	5.0
11	5.3	13	5.8	7	5.5	8	5.2	10	6.0	9	6.0	11	5.9	9	5.2	11	6.4	6	5.4
13	5.7	14	6.4	8	5.7	11	5.5	12	6.1	11	6.2	12	6.0	10	5.5	12	6.6	7	5.7
14	5.8	17	6.5	12	5.9	12	5.7	18	6.3	13	6.3	14	6.1	11	5.7	14	6.7	9	5.8
17	5.9	19	6.7	13	6.0	13	5.9	21	6.4	14	6.4	16	6.2	12	5.9	15	6.8	10	6.9
19	6.0	20	6.8	15	6.1	14	6.0	22	6.6	17	6.6	17	6.3	13	6.1	16	7.0	13	6.0
21	6.1	22	6.9	16	6.2	15	6.1	26	6.7	19	6.8	20	6.4	14	6.3	17	7.1	15	6.1
23	6.2	23	7.0	17	6.3	16	6.2	32	6.9	22	6.9	26	6.5	17	6.4	18	7.2	16	6.2
25	6.3	24	7.1	18	6.5	18	6.3	33	7.0	24	7.0	30	6.6	18	6.5	21	7.3	18	6.3
27	6.4	30	7.2	20	6.8	20	6.4	35	7.1	26	7.1	35	6.7	24	6.6	28	7.4	23	6.4
30	6.5			23	6.9	24	6.5	38	7.2	27	7.2	37	6.8	27	6.7	32	7.5	28	6.6
32	6.6			27	7.0	28	6.6	48	7.3	28	7.3	41	6.9	31	6.9			33	6.7
36	6.7			32	7.1	32	6.7	54	7.4	33	7.4	44	7.0	33	7.0			37	6.8
39	6.8			36	7.2	34	6.8	61	7.5	36	7.5	50	7.1	37	7.2			45	6.9
45	6.9			42	7.3	36	6.9					55	7.2	41	7.3			50	7.0
52	7.0			43	7.4	41	7.0					60	7.3	46	7.4			56	7.1
55	7.1			52	7.5	46	7.1					68	7.4	52	7.5			60	7.2
60	7.2					49	7.2					81	7.5					67	7.3
69	7.3					54	7.3											74	7.4
73	7.4					61	7.4											82	7.5
86	7.5					65	7.5												

21		22		23		24		25		26		27		28		29		30	
N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM	N	LM
4	4.0	5	4.3	6	5.2	5	4.5	4	4.0	7	4.1	5	4.6	4	4.0	4	4.1	5	4.0
5	4.5	6	4.4	7	5.8	7	5.2	5	5.2	8	4.9	6	4.7	5	5.4	5	4.7	6	4.2
6	4.7	7	4.5	8	6.0	8	5.6	6	5.6	12	5.1	7	5.8	6	5.5	6	4.8	7	4.8
7	5.6	8	4.8	9	6.4	9	5.7	7	6.0	14	5.2	9	6.2	7	5.8	7	5.0	8	4.9
8	5.7	9	5.5	10	6.5	11	5.8	8	6.1	15	5.3	11	6.4	8	6.4	8	5.6	9	5.1
9	6.0	13	5.7	11	6.9	12	6.0	9	6.2	17	5.5	14	6.7	10	6.5	9	5.7	10	5.2
10	6.4	15	6.0	13	7.3	13	6.1	10	6.3	18	5.7	15	6.8	14	7.0	10	6.4	11	5.4
11	6.5	16	6.2	14	7.4	14	6.2	11	6.6	22	5.8	17	7.0	15	7.2	11	6.5	12	5.6
14	6.8	17	6.3	17	7.5	16	6.3	12	6.9	24	5.9	18	7.1	16	7.3	13	6.6	13	5.7
15	7.0	18	6.4			17	6.6	14	7.0	31	6.2	19	7.2	17	7.4	17	6.7	14	5.8
18	7.4	19	6.5			19	6.7	15	7.1	32	6.3	22	7.4	18	7.5	20	6.9	15	5.9
20	7.5	21	6.6			20	6.8			34	6.4					23	7.0	16	6.2
		22	6.7			21	6.9			37	6.5					24	7.1	18	6.3
		23	6.8			24	7.0			38	6.6					26	7.2	19	6.4
		24	6.9			26	7.1			40	6.7					29	7.5	20	6.5
		25	7.2			27	7.3			42	6.8							22	6.6
		27	7.3			30	7.4			43	6.9							23	7.0
		29	7.4			31	7.5			44	7.0							28	7.1
										46	7.1							31	7.3
										49	7.2							32	7.5
										50	7.4								
										51	7.5								