

StarBQ25 Scavenger Hunt

Up for a challenge? Then try out the StarBQ25 Scavenger Hunt!!! Your task, should you choose to accept it, will be to find as many of the twenty five specially selected objects in the sky as possible. All of them are viewable in binoculars, but some will be tougher than others. Certainly all of them are viewable in a telescope. Don't worry if you don't find too many – feel free to work in groups or ask a nearby "pro" for help if you need it.

An “all sky” chart is printed on the back of the list which will show where each object is roughly in the sky. The middle of the chart shows what can be seen due south at midnight. The two curved lines show where the horizon will be at sunset (the curve with the dip on the right) and at sunrise (the curve with the dip on the left). While the chart might be good enough to find some of the brighter objects, a star atlas will be needed to find some of the fainter ones.

Object	Type	Con	Mag	Size	RA	Dec	Difficulty	Notes
Kembles Cascade	OC	CAM	4	180'	03:58:00	63:06:00	2	Large, nice chain of stars
M52	OC	CAS	6.9	16'	23:24:51	61:36:23	2	Compact, stands out
7235	OC	CEP	7.7B	4'	22:12:25	57:16:16	3	Faint small OC
61 Cyg	*2	CYG	5.2,6.0	28"	21:06:55	38:44:45	3	Tough in binos, orange stars
M29	OC	CYG	6.6	10'	20:23:58	38:29:54	2	Stands out, "Cooling Tower" cluster
Nu Dra	*2	DRA	4.9,4.9	62"	17:32:11	55:11:03	1	Like cat's eyes in steady 10x binos
M13	GC	HER	5.8	20'	16:41:42	36:27:39	1	Fine globular cluster
M92	GC	HER	6.5	14'	17:17:07	43:08:13	1	Compact, fairly bright globular
7243	OC	LAC	6.4	30'	22:15:09	49:53:51	3	Rich cluster at higher power
6633	OC	OPH	4.6	20'	18:27:15	06:30:30	3	Loose collection of bright stars
M10	GC	OPH	6.6	20'	16:57:09	-04:05:56	1	Fuzzy & distinct
M12	GC	OPH	6.1	16'	16:47:15	-01:56:50	1	Fuzzy & distinct
M14	GC	OPH	7.6	11'	17:37:36	-03:14:43	2	A bit tougher than M10 & M12
M15	GC	PEG	6.3	18'	21:29:58	12:10:03	1	Globular not too far from Enif
M11 Wild Duck	OC	SCT	5.8	11'	18:51:06	-06:16:00	1	Very nice fan-shaped cluster
M16 Eagle nebula	OC	SER	6	8'	18:18:48	-13:47:50	1	Small cluster plus nebulosity
M5	GC	SER	5.7	23'	15:18:34	02:05:00	1	Bright, nearby mag 5 star
Theta Ser	*2	SER	4.5,5.4	22"	18:56:13	04:12:13	3	Tricky to split with binos
M17 Swan nebula	EN+OC	SGR	6.0B	20' x 15'	18:20:48	-16:11:00	1	Very nice nebula (& try a filter!)
M18	OC	SGR	6.9	7'	18:19:58	-17:06:06	1	Compact, coarse cluster
M22	GC	SGR	5.2	32'	18:36:24	-23:54:10	1	Loose globular, easy in binos
M28	GC	SGR	6.9	13.8'	18:24:33	-24:52:10	2	Tougher, but not too hard to find
M8 Lagoon nebula	EN	SGR	5.0B	45' x 30'	18:03:48	-24:23:00	1	Easy in binos (try filters too)
M81/M82	GX x 2	UMA	7		09:55:33	69:04:02	2	Tricky to see in small binos
M27 Dumbbell	PN	VUL	7.4	6.7'	19:59:36	22:43:18	1	Fairly bright nebula

