

Star-B-Q Scavenger Hunt

Looking for a list of observing targets? Try out the SBQ25 Scavenger Hunt! Try to locate and observe as many of the following 25 objects in the sky as you can. Many can be detected in binoculars but some are tougher than others. All of them look great even in small telescopes.

Feel free to work in groups and don't be afraid to ask more experienced observers nearby for help in locating or confirming objects on the list. All of the objects should appear in even basic star atlases.

✓	Object	Type	Con	Mag	Size/Sep	RA	Dec	Difficulty	Notes
_____	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	2	Compact, fairly bright globular
_____	Nu Dra	DS	DRA	4.9,4.9	62"	17:32:11	55:11:03	1	Like cat's eyes in steady 10x binos
_____	Double Cluster (869/864)	OC x 2	PER	5.3	30'	02:21:00	57:08:00	1	Excellent in binos and small scopes
_____	NGC457 Owl Cluster	OC	CAS	6.4	13'	01:19:06	58:20:00	3	Also known as the ET Cluster
_____	Kembles Cascade	OC	CAM	4	180'	03:58:00	63:06:00	2	Large, nice chain of stars ends in NGC1502
_____	M81/M82	GX x 2	UMA	7		09:55:33	69:04:02	3	Tricky to see in small binos
_____	M51	GX	CVN	8.4	8x7'	13:29:54	-17:06:06	2	Whirlpool Galaxy, NGC5195 nearby
_____	Epsilon Lyrae	DS x 2	LYR	5/6.1, 5.2/5.5	2.6" - 2.3"	18:44:21	39:40:12	1	The double-double, needs 100x or more
_____	M57 Ring Nebula	PN	LYR	8.8	1'	18:53:36	33:02:00	1	Fuzzy smoke ring, a filter helps a little
_____	M29	OC	CYG	6.6	10'	20:23:58	38:29:54	2	Stands out, "Cooling Tower" cluster
_____	61 Cyg	DS	CYG	5.2,6.0	28"	21:06:55	38:44:45	3	Tough in binos, orange stars
_____	M71	GC	SGE	8	7.2'	19:53:48	18:47:00	2	Loose globular cluster
_____	M27 Dumbbell nebula	PN	VUL	7.4	6.7'	19:59:36	22:43:18	2	Fairly bright nebula, obvious in 10x binos
_____	Gamma Delphini	DS	DEL	4.4,5.0	8.9"	20:46:39	16:07:27	1	Look for double Struve 2725 just to SW
_____	M15	GC	PEG	6.3	18'	21:29:58	12:10:03	2	Globular not too far from Enif
_____	M11 Wild Duck cluster	OC	SCT	5.8	11'	18:51:06	-06:16:00	1	Very nice fan-shaped open cluster
_____	6633	OC	OPH	4.6	20'	18:27:15	06:30:30	2	Loose collection of bright stars
_____	M10	GC	OPH	6.6	20'	16:57:09	-04:05:56	2	Fuzzy & distinct
_____	M12	GC	OPH	6.1	16'	16:47:15	-01:56:50	2	Fuzzy & distinct
_____	M5	GC	SER	5.7	23'	15:18:34	02:05:00	3	Bright, nearby mag 5 star
_____	M16 Eagle nebula	OC	SER	6	8'	18:18:48	-13:47:50	2	Small cluster plus nebulosity
_____	M17 Swan nebula	EN+OC	SGR	6.0B	20' x 15'	18:20:48	-16:11:00	2	Very nice nebula (& try a filter!)
_____	M22	GC	SGR	5.2	32'	18:36:24	28:23:00	1	Loose globular, easy in binos
_____	M8, Lagoon nebula	EN	SGR	5.0B	45' x 30'	18:03:48	-24:23:00	1	Easy in binos (try filters with scopes)

Types: DS = Double Star, GC = Globular Cluster, OC = Open Cluster, EN = Emission Nebula, GX = Galaxy, AST = Asterism