

2010 ASP25 Scavenger Hunt

Up for a challenge? Try out the ASP25 Scavenger Hunt! Try to locate and observe as many of the following 25 objects in the sky as you can. Most 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 will appear in even basic star atlases.

Done	Object	Type	Con	Mag	Size/Sep	RA	Dec	Difficulty	Notes
_____	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
_____	M17 Swan nebula	EN+OC	SGR	6.0B	20' x 15'	18:20:48	-16:11:00	1	Very nice nebula (& try a filter!)
_____	M16 Eagle nebula	OC	SER	6	8'	18:18:48	-13:47:50	1	Small cluster plus nebulosity
_____	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
_____	M11 Wild Duck cluster	OC	SCT	5.8	11'	18:51:06	-06:16:00	1	Very nice fan-shaped cluster
_____	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
_____	Nu Dra	DS	DRA	4.9,4.9	62"	17:32:11	55:11:03	1	Like cat's eyes in steady 10x binos
_____	NGC6543 Cat's Eye neb	PN	DRA	8.1	20"	17:58:33	66:38:01	3	Bright fuzzy, use high power
_____	M81/M82	GX x 2	UMA	7		09:55:33	69:04:02	2	One face-on and one edge-on galaxy
_____	Cr399 Coathanger	OC	VUL	3.6	140'	19:25:24	20:11:00	1	Large, use wide field or binos
_____	M27 Dumbbell nebula	PN	VUL	7.4	6.7'	19:59:36	22:43:18	1	Fairly bright planetary nebula
_____	M2	GC	AQR	6.6	16'	21:33:27	-00:49:22	2	Small, but doable with binos
_____	M15	GC	PEG	6.3	18'	22:29:58	12:10:03	1	Globular not too far from Enif
_____	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
_____	Kembles Cascade	OC	CAM	4	180'	03:58:00	63:06:00	2	Large, nice chain of stars
_____	NGC1502	OC	CAM	6.9	20'	04:07:49	62:19:54	2	Small cluster at bottom of Kemble's Cascade
_____	M52	OC	CAS	6.9	16'	23:24:51	61:36:23	2	Compact, faint stars, stands out
_____	M34	OC	PER	5.2	25'	02:42:05	42:45:42	1	Large, loose open cluster
_____	869/884 Double Cluster	OC	PER	5.3	55'	02:21:00	57:08:00	1	Large, use wide field or binos
_____	M31 Andromeda Galaxy	GX	AND	3.5	189' x 62'	00:42:44	42:16:08	1	Look for M32 and M110 nearby
_____	NGC7662 Blue Snowball	PN	AND	8.3	37"	23:25:54	42:32:08	3	Bright bluish fuzzy, use high power

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