Beginner List

A great way to enjoy the unique beauty of the dark skies at Oregon Star Party (OSP) is to view bright deep sky objects, colorful double stars, and planets through a telescope. The objects listed are easily visible in most telescopes, and many can also be seen in binoculars.

To receive the Beginner List observer pin you must observe and record at least 20 of the objects listed below while you are here at OSP. As an added reference each object's page number in the popular Sky and Telescope Pocket Sky Atlas (PSA) is listed as well.

Most of the objects listed below are visible between sunset and midnight during the star party. All are visible before astronomical dawn. The beginner list award is intended for visual observing. Go-to telescopes and image enhancers (photography) are not permitted for the Beginner List award. You may get assistance in locating objects on star charts or in the sky, but you must locate them yourself with your telescope. Looking through a telescope, in which someone else has sighted the object for you, is not acceptable. Object sketches are a bonus but they are not necessary if you provide a good description of each object.

When finished, bring your record of observations to the Observing Program table next to the Information Tent to receive your pin. *Please check the information tent for updates on when the Observing Program table will be staffed, and where it is going to be for the next session. Typically it will be manned later in the afternoon.*

4/25/2023 v1.0

2023 Oregon Star Party Beginner Observing List

#	Typo	Object	Con	DA -	Dec	Mag	Ciao/	DC A	Alternate Name/Comments
#	туре	Object	Con	KA	Dec	iviag	Split		Alternate Name/Comments
1	CS/VS	Herschel's Garnet Star	Cen	21h 43' 30.4"	58° 46' 48.0"	3.4-5.1	na		Mu Cephei, very red star
_	DS	Albireo	Cyg	19h 30' 45.3"				_	Beta Cygni, showpiece double star
_	EN	M16	Sgr	18h 18' 48.0"		6.4	35'		Eagle Nebula
_	EN	M17	Sgr	18h 20' 48.0"		6	46'		Omega Nebula, Swan Nebula
_	GC	M3	CVn	13h 42' 11.6"		6.9	18'	44	•
	GC	M13	Her	16h 41' 41.2"		6.5	20'		Hercules Cluster
_	GC	M92	Her	17h 17' 07.3"		7.1	14'	_	The "other" Hercules Cluster
_	GC	M15	Peg	21h 29' 58.3"	12° 10' 01.0"	6.9	18'	75	
	GX	M31	And	00h 42' 44.3"		4.3	3°	_	Andromeda Galaxy
	GX	M33	Tri	01h 33' 50.9"		6.4	1°		Triangulum Galaxy, challenge
_	GX	M81	UMa	09h 55' 33.2"		7.8	22'		Bode's Galaxy
_	GX	M82	UMa	09h 55' 52.3"		8.9	11"		Cigar Galaxy
_	GX	M51	CVn	13h 29' 52.7"		8.6	14'		Whirlpool Galaxy
_	GX	M101	UMa	14h 03' 12.6"		8.4	24'	_	Pinwheel Galaxy, challenge
_	OC	NGC457	Cas	01h 19' 35.0"		7	20'		ET Cluster, Owl Cluster
_	OC	NGC884 & NGC869	Per	02h 19' 00.0"		5.7	18'		Double Cluster; specs for NGC 869
_	OC	M6	Sco			4.5	20'		Butterfly Cluster
_	OC	M11	Scu			6.3	32'		Wild Duck Cluster
_	oc	NGC 7789	Cas	23h 57' 24.0"	56° 42' 00.0"	7.7	25'	_	Caroline's Rose, challenge
20		Saturn	Aqr			0.6	19"		Look for rings and a few of the brighter moons.
21		Jupiter	Ari	02h 40' 05.7"	14° 19' 50.0"	-2.3	39"	_	Up to four moons may be visible and bands on the planet
		Jupiter	,	0211 40 03.7	14 13 30.0	2.5	- 33		Note - rises around 1AM best after 2AM
22	PN	M20	Sgr	18h 02' 36.0"	-23° 02' 00 0"	6.3	29'	69	Triffid Nebula
_	PN	M57	Lyr	18h 53' 35.7"		8.8	1.4'	_	Ring Nebula
-	PN	M27	Vul	19h 59' 36.2"		7.1	8'		Dumbell Nebula
-	PN	NGC7293	Agr			7.6			Helix Nebula, challenge, best after 1
23		11007233	17191	2211 23 30.3	20 30 11.0	7.0	13	,,,	Trenk Nebulu, chanenge, best arter 1
	Key:					4/25/2023 v1.0			
	P	Planet	DP	Dwarf Planet		,			
	GX	Galaxy	SC	Star Cloud		Location	s J200	0.0	
	GC	Globular Cluster	S	Star		From Starry Night 8			3
	ос	Open Cluster	DS	Double Star		July 21, 2022, 1			
	PN	Planetary Nebula	MS	Multiple Star		(except as noted)			
	EN	Emission Nebula	CS	Carbon Star					
	SN	Supernova Remnant	VS	Variable Star					
	DN	Dark Nebula	_	Asterism					