

THE TEXAS STAR PARTY

BINOCULAR OBSERVING CLUB

BY
JOHN WAGONER
AMERICAN ASSOCIATION OF AMATEUR ASTRONOMERS

RULES AND REGULATIONS

Welcome to the Texas Star Party's Binocular Observing Club. The purpose of this club is not to test your observing skills by throwing the toughest objects at you that are hard to see under any conditions, but to give you an opportunity to observe 25 showcase objects under the ideal conditions of these pristine West Texas skies, thus displaying them to their best advantage. The rules are simple. Just observe any 25 objects listed below, and log those observations in the spaces provided. That's it. Any size binoculars can be used. All observations must be made at the Texas Star Party to qualify. For a Southern Skies challenge, observe those objects marked with an "S". For an easy list, observe those objects marked with an "E". For a tougher list, observe those objects marked with an "H". But remember, a total of 25 objects must be observed, and you can mix and match lists.

All objects are within range of small to medium sized binoculars, and are available for observation between 10:00PM and 4:00AM any time during the TSP. All objects are listed in Right Ascension order so that you can observe them before they set in the West, or as they rise in the East. Each person completing this list will receive an official Texas Star Party Binocular Observing Club lapel pin, These pins are not sold at the TSP and can only be acquired by completing the program, so wear them proudly. All objects were tested at Ft. Davis, and you should not have trouble with any of them. To receive your pin, turn in you observations to **John Wagoner - TSP Observing Chairman** any time during the Texas Star Party. If you cannot find me on the field, I will be at the outside door leading into the TSP Meeting Hall each day between 1:00 PM and 2:00 PM. If you finish the list the last night of TSP, and I am not available to give you your pin, just mail your observations to me at 1409 Sequoia, Plano, Tx. 75023, and I will see that you get a pin. Now, let's get out there and observe!!!

LIST OF OBJECTS

Chk	Object	R.A.	DEC	Mag	Type	Size	Con	Urn	SA	Date Obs	Time Obs
[H]	NGC 129	00 29.9	+60 14	6.5	OpCl	21.0'	Cas	15	1		
[H]	NGC 457	01 19.1	+58 20	6.4	OpCl	13.0'	Cas	36	1		
[H]	NGC 581 M103	01 33.2	+60 42	7.4	OpCl	6.0'	Cas	16	1		
[H]	NGC 663	01 46.0	+61 15	7.1	OpCl	16.0'	Cas	16	1		
[E]	NGC 2632 M44	08 40.1	+19 59	3.1	OpCl	95.0'	Cnc	141	12		
[H]	NGC 2682 M67	08 50.4	+11 49	6.9	OpCl	29.0'	Cnc	187	12		
[E]	Me1 111 Coma Cl	12 25.0	+26 00	1.8	OpCl	275'	Com	148	7		
[S]	NGC 5128 Cent A	13 25.5	-43 01	7.0	Glxy	18.0'	Cen	403	21		
[S]	NGC 5139 Omega	13 26.8	-47 29	3.5	Gbcl	36.0'	Cen	403	21		
[H]	NGC 5272 M3	13 42.2	+28 23	5.9	Gbcl	16.0'	CVn	110	7		
[S]	NGC 5460	14 07.6	-48 19	5.6	OpCl	25.0'	Cen	404	21		
[H]	NGC 5904 M5	15 18.6	+02 05	5.7	GbCl	17.0'	SerCp	244	14		
[E]	NGC 6121 M4	16 23.6	-26 32	5.8	GbCl	26.0'	Sco	336	22		
[S]	NGC 6124	16 25.6	-40 40	5.8	OpCl	40.0'	Sco	407	22		
[E]	NGC 6205 M13	16 41.7	+36 28	5.7	GbCl	17.0'	Her	114	8		
[E]	NGC 6218 M12	16 47.2	-01 57	6.8	GbCl	15.0'	Oph	246	15		
[S]	NGC 6231	16 54.0	-41 48	2.6	OpCl	14.0'	Sco	407	22		
[S]	Cr316-H12	16 55.5	-40 50	3.4	OpCl	105'	Sco	407	22		
[S]	NGC 6242	16 55.6	-39 30	6.4	OpCl	9.0'	Sco	375	22		
[E]	NGC 6254 M10	16 57.1	-04 06	6.6	GbCl	15.0'	Oph	247	15		



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