

THE TEXAS STAR PARTY

2011 TELESCOPE OBSERVING CLUB

BY JOHN WAGONER
TEXAS ASTRONOMICAL SOCIETY OF DALLAS

RULES AND REGULATIONS

Welcome to the Texas Star Party's Telescope 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 regular observing program is “**Lions and Tigers and Bears, Oh My!**”. This is a quote from the Wizard of Oz, and is a list of 25 commonly named objects. You need to observe all 25 objects to get your pin. We are also bringing back “**About Face**” from last year. This is a list of 30 edge on and face on spiral galaxies. Just observe 20 of the galaxies on the list to receive your pin.

That's it. Any size telescope can be used. All observations must be made at the Texas Star Party to qualify. All objects are within range of small (6”) to medium sized (10”) telescopes, and are available for observation between 9:00PM and 3:00AM any time during the TSP. Each person completing this list will receive an official Texas Star Party Telescope 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.

To receive your pin, turn in your observations to **John Wagoner - TSP Observing Chairman** any time during the Texas Star Party. I will be at the outside door leading into the TSP Meeting Hall each day between 1:00 PM and 2:30 PM. except Saturday (10:00-11:30 AM). If you finish the list the last night of TSP, or I am not available to give you your pin, just mail your observations to me at 1409 Sequoia Dr., Plano, Tx. 75023, and I will see that you get a pin.

Good luck and good observing. Now, let's get out there and **observe!!!**

P.S. If you would like to see some of your favorite objects on a future TSP program, or have any ideas for a new program, let me know during TSP or email me at john@wagoner.org

“Lions and Tigers and Bears, Oh My!”

Object	Type	R.A.	Dec	Con	Size	Mag	Date	Time
NGC 3034	Gal	09 55.8	+69 41	UMa	12'	8.4	Cigar	M82
NGC 3587	PIneb	11 14.8	+55 01	UMa	194"	9.9	Owl	M97
NGC 5457	Gal	14 03.2	+54 21	UMa	26'	7.9	Pinwheel	M101
NGC 4486	Gal	12 30.8	+12 24	Vir	7'	7.1	Smoking Gun	M87
NGC 4594	Gal	12 40.0	-11 37	Vir	7'	8.0	Sombrero	M104
NGC 4631	Gal	12 42.1	+32 32	CVn	15'	9.2	Whale	
NGC 5055	Gal	13 15.8	+42 02	CVn	14'	8.3	Sunflower	M63
NGC 4826	Gal	12 56.7	+21 41	Com	9'	8.5	Black Eye	M64
NGC 5128	Gal	13 25.5	-43 01	Cen	31'	6.7	Hamburger	
NGC 6231	OpCl	16 54.0	-41 48	Sco	14'	2.6	Table of Scorpius	
NGC 6302	PIneb	17 13.7	-37 06	Sco	50"	9.6	Bug	
NGC 6405	OpCl	17 40.1	-32 13	Sco	33'	4.2	Butterfly	M6
NGC 6543	PIneb	17 58.6	+66 38	Dra	350"	8.1	Cat's Eye	
NGC 6611	OpCl	18 18.8	-13 47	SerCd	21'	6.0	Star Queen	M16
NGC 6618	Neb	18 20.8	-16 11	Sag	20'	6.0	Swan	M17
NGC 6818	PIneb	19 44.0	-14 09	Sag	17"	9.3	Little Gem	
NGC 6705	OpCl	18 51.1	-06 16	Sct	13'	5.8	Wild Duck	M11
NGC 6811	OpCl	19 36.9	+46 23	Cyg	20'	6.8	Hole in a Cluster	
NGC 6826	PIneb	19 44.8	+50 31	Cyg	25"	8.8	Blinking Planetary	
Cr 399	OpCl	19 25.4	+20 11	Vul	60'	3.6	Coathanger	
NGC 6853	PIneb	19 59.6	+22 43	Vul	348"	7.3	Apple Core	M27
NGC 7654	OpCl	23 24.2	+61 35	Cas	12'	6.9	Salt and Pepper	M52
NGC 225	OpCl	00 43.4	+61 47	Cas	12'	7.0	Sailboat	
Stock 2	OpCl	02 15.0	+59 16	Cas	60'	4.4	Muscleman	
NGC 457	OpCl	01 19.1	+58 20	Cas	13'	6.4	E.T.	

“About Face”

Object	Type	R.A.	Dec	Con	Size	Mag	Date	Time
NGC 3344	Gal	10 43.5	+24 55	LMi	7'	9.9		
NGC 3351	Gal	10 44.0	+11 42	Leo	8'	9.7	M95	
NGC 3368	Gal	10 46.8	+11 49	Leo	7'	9.2	M96	
NGC 3377	Gal	10 47.7	+13 59	Leo	4'	10.4		
NGC 3379	Gal	10 47.8	+12 35	Leo	4'	9.3	M105	
NGC 3384	Gal	10 48.3	+12 38	Leo	6'	9.9		
NGC 3389	Gal	10 48.5	+12 32	Leo	3'	11.9		
NGC 3412	Gal	10 50.9	+13 25	Leo	3'	10.5		
NGC 3521	Gal	11 05.8	+00 02	Leo	13'	9.0		
NGC 3585	Gal	11 13.3	-26 45	Hya	7'	9.7		
NGC 3621	Gal	11 18.3	-32 49	Hya	10'	8.9		
NGC 3623	Gal	11 18.9	+13 05	Leo	9'	9.3	M65	
NGC 3627	Gal	11 20.2	+12 59	Leo	8'	8.9	M66	
NGC 3628	Gal	11 20.3	+13 36	Leo	14'	9.5		
NGC 3904	Gal	11 49.2	-29 17	Hya	3'	10.8		
NGC 3923	Gal	11 51.0	-28 48	Hya	7'	9.6		
NGC 4105	Gal	12 06.7	-29 46	Hya	4'	10.4		
NGC 4106	Gal	12 06.8	-29 46	Hya	4'	10.6		
NGC 4179	Gal	12 12.9	+01 18	Vir	4'	11.0		
NGC 4216	Gal	12 15.9	+13 09	Vir	8'	10.0		
NGC 4388	Gal	12 25.8	+12 40	Vir	6'	11.0		
NGC 4517	Gal	12 32.8	+00 07	Vir	10'	10.4		
NGC 4527	Gal	12 34.1	+02 39	Vir	6'	10.5		
NGC 4666	Gal	12 45.1	-00 28	Vir	4'	10.7		
NGC 4762	Gal	12 52.9	+11 14	Vir	9'	10.3		
NGC 5061	Gal	13 18.1	-26 50	Hya	4'	10.2		
NGC 5078	Gal	13 19.8	-27 24	Hya	5'	10.6		
NGC 5101	Gal	13 21.8	-27 26	Hya	6'	10.4		
NGC 5236	Gal	13 37.0	-29 52	Hya	16'	7.6	M83	
NGC 5746	Gal	14 44.9	+01 57	Vir	7'	10.3		