THE TEXAS STAR PARTY 2015 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 "In Living Color". These are colorful objects consisting of single, double, & multiple stars and planetary nebula. Note any color you detect in your observing notes. You need to observe 25 objects of the 30 available to get your pin, but if you are using a smaller scope and have a little trouble with some of the objects, just mark it as "tried" and move on, and you will get credit for the object. If you detect a hint of color, please note this in your log. We are also bringing back "I Have No Idea Where I Am" from 2013. This is a list of 29 objects. Only 25 objects need be observed.

That's it. Any size telescope can be used. <u>All observations must be made at the Texas Star Party to qualify</u>. All objects are within range of small (6") to medium sized (10") telescopes, and are available for observation between 9:00PM and 5:00AM 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

Credit for the creation of the 2015 Telescope Observing Program "In Living Color" goes to Clayton Jeter of the Houston Astronomical Society and Jerome Kent Wade of the Austin Astronomical Society.

For those of you who missed previous TSP's, pins for the following programs are still available:

2012 - 2012 - 2011 - Lions and Tigers and Bears, Oh My!

2010 - About Face, 2009 - Texas Star Party 5X5

2007 - Be A Sap (Shapley-Ames Person)

2006 – Eye in the Sky --- 2004 – Starlight, Starbright

2003 - The Great Celestial A.R.C. (Asterisms, Radio sources, & Clusters)

You can download these observing programs from the TSP website: www.texasstarparty.org.

"In Living Color"

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Object	Туре	R.A.	Dec	Con	Size	Mag	Date	Time
BowTie Nebula - NGC 40	PINeb	00 14	+72 36	Сер	36"			
11 Camelopardalis	Double	05 07	+58 59	Cam	179"			
IC 2149	PINeb	05 58	+46 06	Aur	12"			
Eskimo Nebula - NGC 2392	PINeb	07 30	+20 53	Gem	42"			
Albireo - β1 Cygni	Double	07 53	+19 31	Cyg	35"			
T1 Hydrae	Double	09 30	-02 50	Нуа	68"			
Ghost of Jupiter - NGC 3242	PINeb	10 26	-18 43	Нуа	36"			
V Hydrae	Carbon	10 52	-21 19	Нуа				
SS Virginis	Carbon	12 26	+00 41	Vir				
Baby Eskimo - IC 3568	PINeb	12 33	+82 29	Cam	18"			
24 Comae Berenices	Double	12 36	+18 18	Com	20"			
La Superba - Y CVn	Carbon	12 46	+45 21	CVn				
Izar - ε Bootis	Double	14 45	+27 00	Воо	3"			
Antares - α Scorpii	Double	16 30	-26 28	Sco	2.6"			
Turtle Nebula - NGC 6210	PINeb	16 45	+23 46	Her	12"			
α Herculis	Double	17 15	+14 23	Her	5"			
Cat's Eye Nebula - NGC 6543	PINeb	17 59	+66 38	Dra	18"			
95 Herculis	Double	18 02	+21 36	Her	7"			
Blue Racquetball - NGC 6572	PINeb	18 13	+06 52	Oph	12"			
T Lyrae	Carbon	18 33	+37 01	Lyr				
Ring Nebula - Messier 57	PINeb	18 54	+33 03	Lyr	66"			
V Aquilae	Carbon	19 05	-05 40	Aql				
Little Gem - NGC 6818	PINeb	19 45	-14 07	Sgr	12"			
Blinking Planetary - NGC 6826	PINeb	19 45	+50 34	Cyg	126"			
o1 Cygni	Triple	20 14	+46 47	Cyg	331"			
γ2 Delphini	Double	20 47	+16 11	Del	9"			
Saturn Nebula - NGC 7009	PINeb	21 05	-11 18	Aqr	24"			
Green Rectangle - NGC 7027	PINeb	21 08	+42 18	Cyg	12"			
Garnet Star - μ Cephei	Star	21 44	+58 51	Сер				
Blue Snowball - NGC 7662	PINeb	23 27	+42 37	And	30"			