

BBAA GEORGIE JUNE 2019 SCHOLARSHIP RAFFLE



ORION SKYQUEST XT8 PLUS DOBSONIAN REFLECTOR TELESCOPE

RAFFLE DATE: BBAA Annual Luncheon in December 2019

Winner does not have to be present to win



The Orion SkyQuest XT8 PLUS Dobsonian Reflector Telescope is a classical 8-inch aperture Dobsonian telescope. With an 8 inch diameter mirror, this telescope will make you discover the wonders of the universe at full capacity. An 8-inch diameter is a synonym for more starlight entering in the telescope; to get an idea, this scope captures 78% more light than the 6-inch model, so this telescope will provide clearer images with more and more celestial objects. You will even be capable to get some incredible images of details such as the Moon's craters, valleys, and mountains, or even Saturn's rings, not to mention star clusters and nebulas.

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Fine-tune focus for peak performance with the dual-speed Crayford focuser

A variety of magnifications with two included eyepieces and a Shorty 2x Barlow



Convenient thumbscrew-equipped secondary mirror cell makes adjustments easy

Bright white base trim helps avoid accidents in dark conditions



Questions: info@backbayastro.org

PACKAGE INCLUDES THE FOLLOWING ITEMS

- 8" Alt/AZ Dobsonian Telescope
- 2" 28 mm Eyepiece
- 1¼" 10 mm Eyepiece
- 1¼" Shorty Barlow
- 1¼" Moon Filter
- Telescope Observer's Guide
- EZ-Finder Reflex Sight
- Accessory Tray
- Moon Map 260
- Planisphere
- Red Flashlight
- Sky Watchers Manual

TELESCOPE SPECIFICATIONS

Telescope Series	Orion XT8 PLUS Dobsonian
Telescope Optical Design	Newtonian Reflector Alt-Azimuth
Telescope Aperture	203mm (8")
Telescope Focal Ratio	f/5.9
Telescope Focal Length (mm)	1200mm
Optical Coatings	Aluminum & Silicon Dioxide
Secondary Mirror	47mm
Limiting Stellar Magnitude	14.2
Lowest Useful Magnification	29x
Highest Useful Magnification	406x
Focuser	2" / 1 ¼" Dual Speed 11:1
Optical Tube Length	46.4"
Optical Tube Weight	20.8 lbs.
Dobsonian Base Weight	21.2 lbs.
Fully Assembled Weight	42.0 lbs.
Telescope Warranty Period	1 years

TICKETS are available from any BBAA elected officer and the suggested donation amount is \$5 each for each ticket.

All raffle proceeds benefit the Georgie June Scholarship fund. Georgie June was a passionate amateur astronomer and longtime active member of the BBAA.