

## **The Observer's Challenge Objects**

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August: **NGC 6703** - Galaxy - Lyra;  $\text{mag}_v = 11.3$ ; RA: 18h 48m 01s Dec:  $+45^\circ 34' 44''$

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SO lenticular galaxy **NGC6703** is located in the summer constellation of Lyra - 'The Lyre', and is about 89.7 million light years distant, and about 100,000 light-years in diameter.

Nearby in the same FOV is elliptical galaxy NGC6702.

NGC6703 was discovered on September 4<sup>th</sup>, 1863 by German astronomer Heinrich d'Arrest at the Copenhagen Observatory using its 11" refractor.

### **EAA Observation:**

06/03/2024 from Cherry Springs State Park at the Cherry Springs Star Party, Using a 8" SCT optical tube @ f6.3 on a GEM mount, with a CMOS/USB color camera and broadband filter @ 180-second guided exposure livestacked for 30 minutes.



Visually on the monitor, the face-on galaxy has a small, round circular shape with a bright central core that gradually fades into a glowing disk. A number of nice arc & triangular star patterns are in the FOV, along with the fainter elliptical.