

The Observer's Challenge Objects

Submitted by Larry McHenry, Pittsburgh, PA, USA. <http://stellar-journeys.org>

August: **NGC 6703** - Galaxy - Lyra; mag_v = 11.3; RA: 18h 48m 01s Dec: +45° 34' 44"

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 4th, 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.