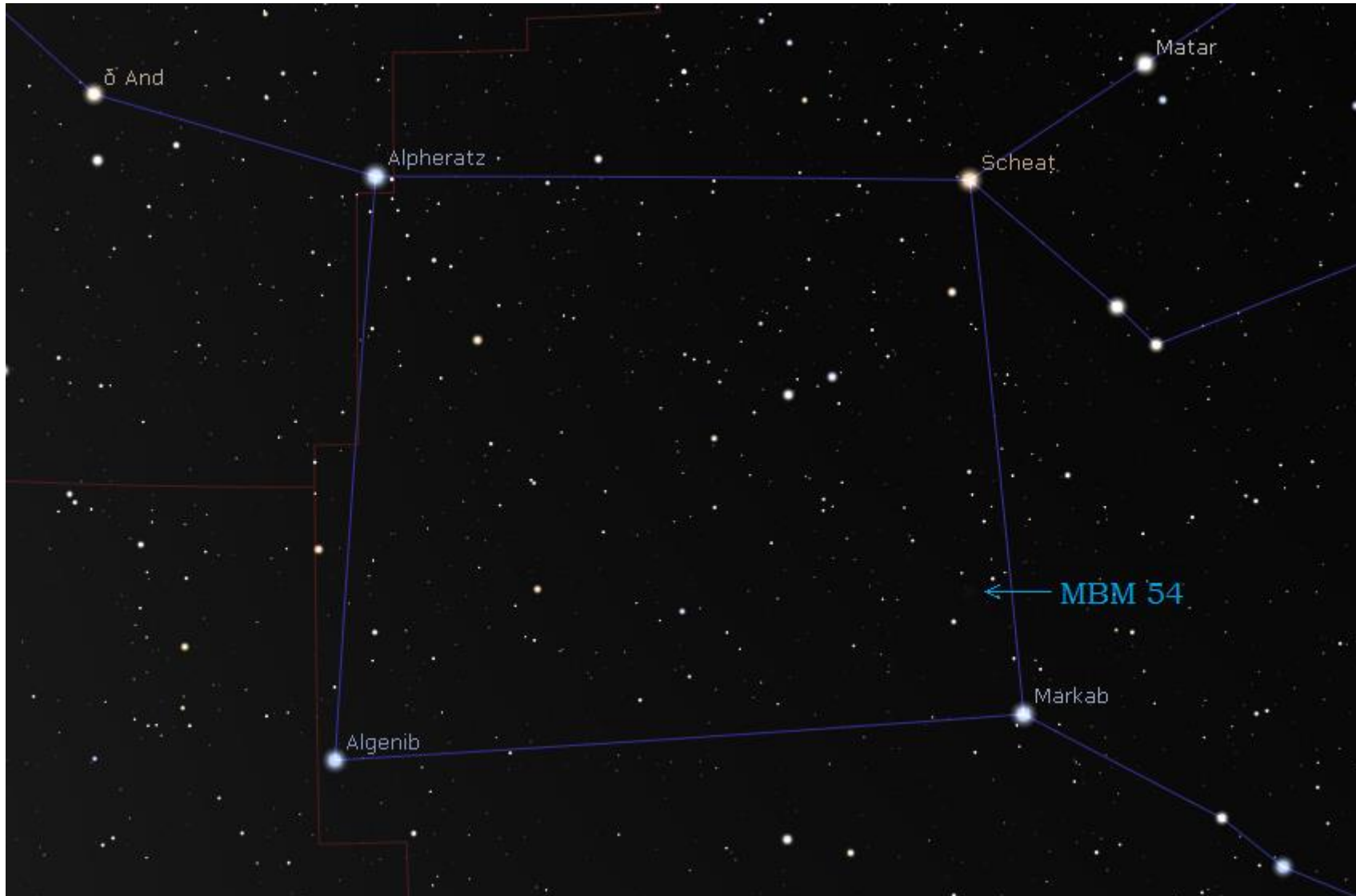


Molecular Clouds Exploration

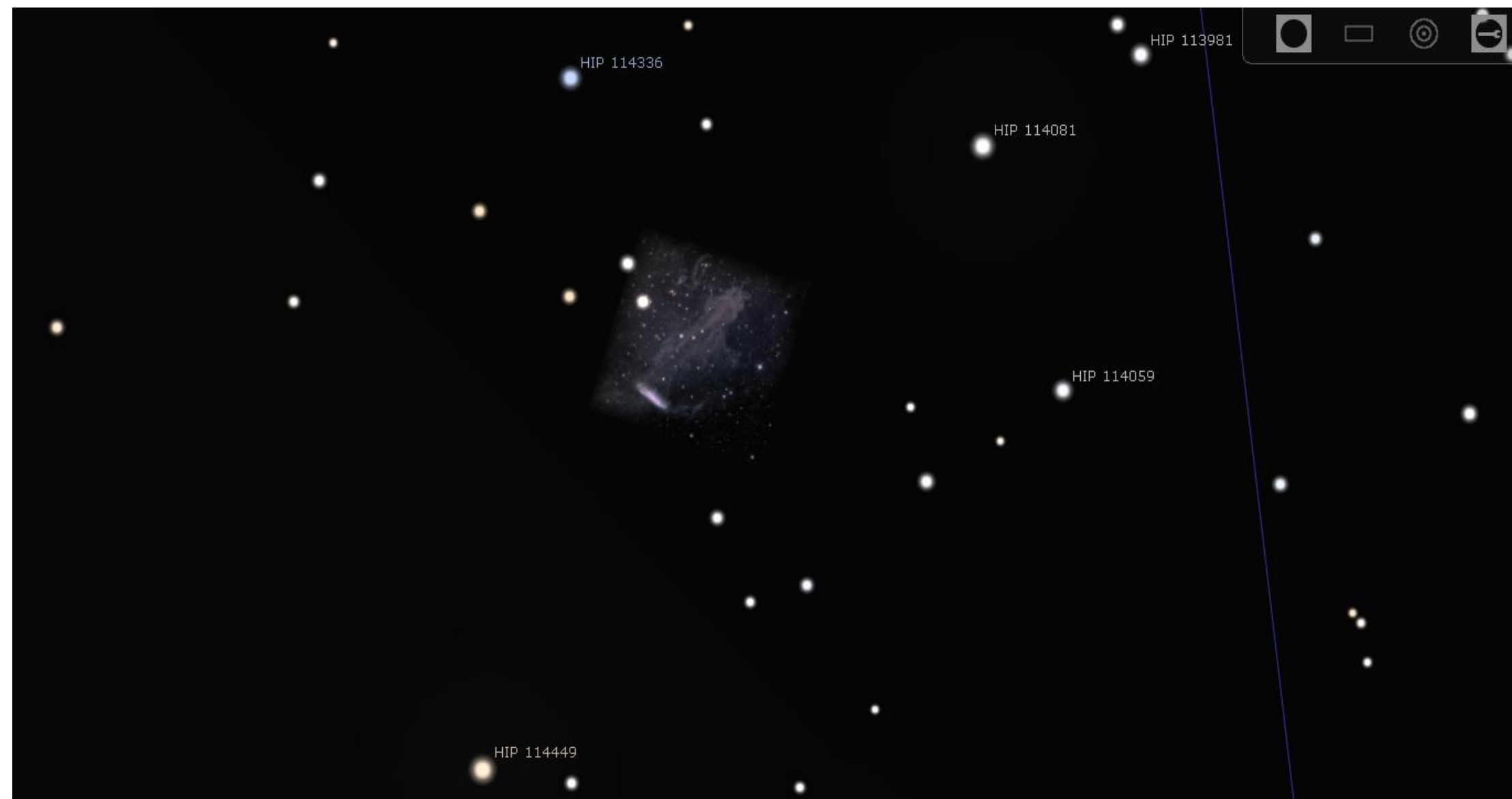
Two interesting molecular clouds are shown on Stellarium which are **not** in the Stellarium Molecular Clouds list.

1. MBM 54 in Pegasus

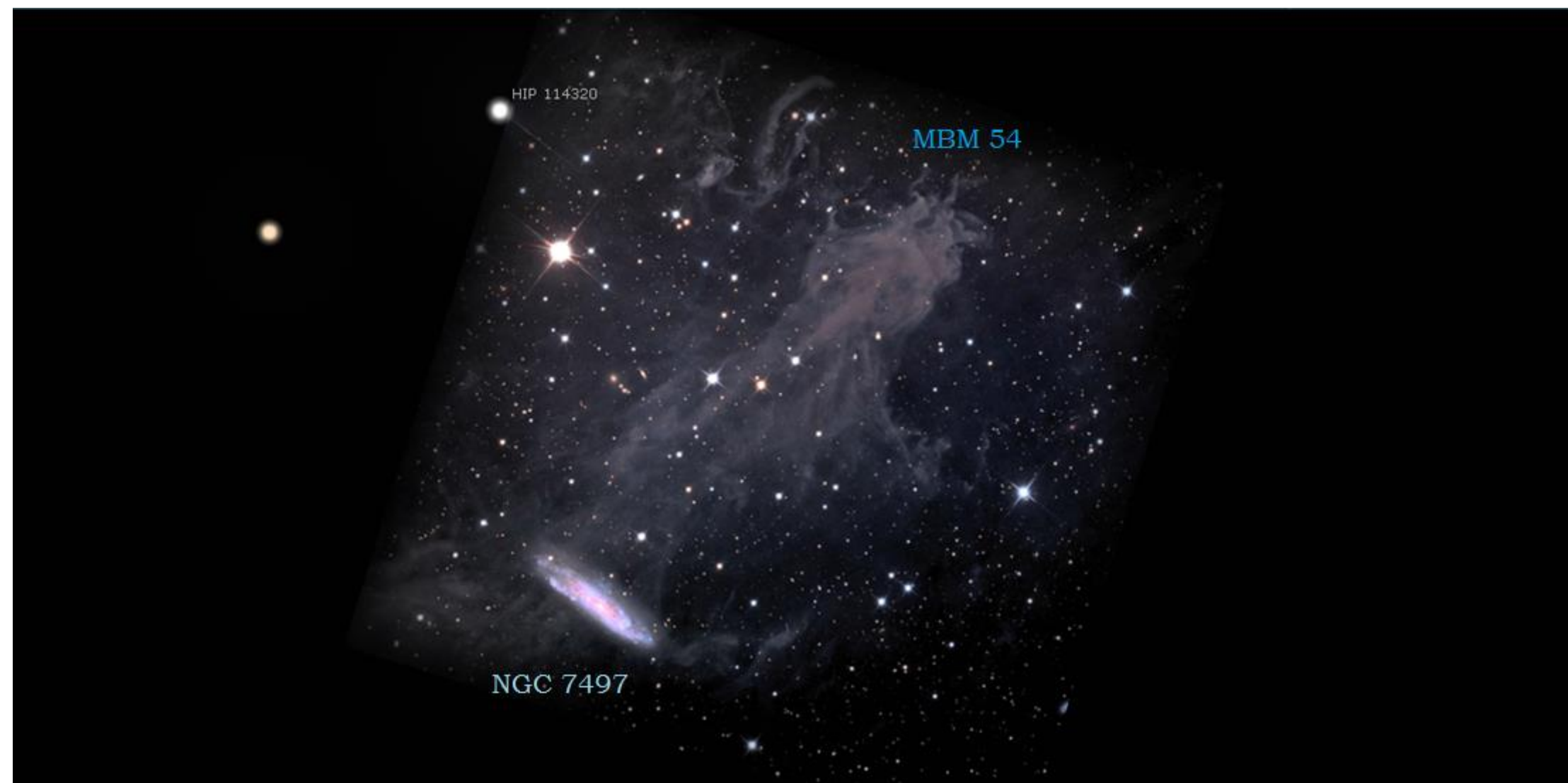


Start by locating the Great Square of Pegasus. MBM 54 is located about one-quarter of the way up from Markab to Scheat.

1. [MBM 54](#) Zoom in!



1. [MBM 54](#) Zoom in further!



The bright object is NGC 7497 which is a spiral galaxy (Sc) located 78.6 million lightyears from Earth!

The magnitude of NGC 7497 is given as 13.3 on Stellarium.

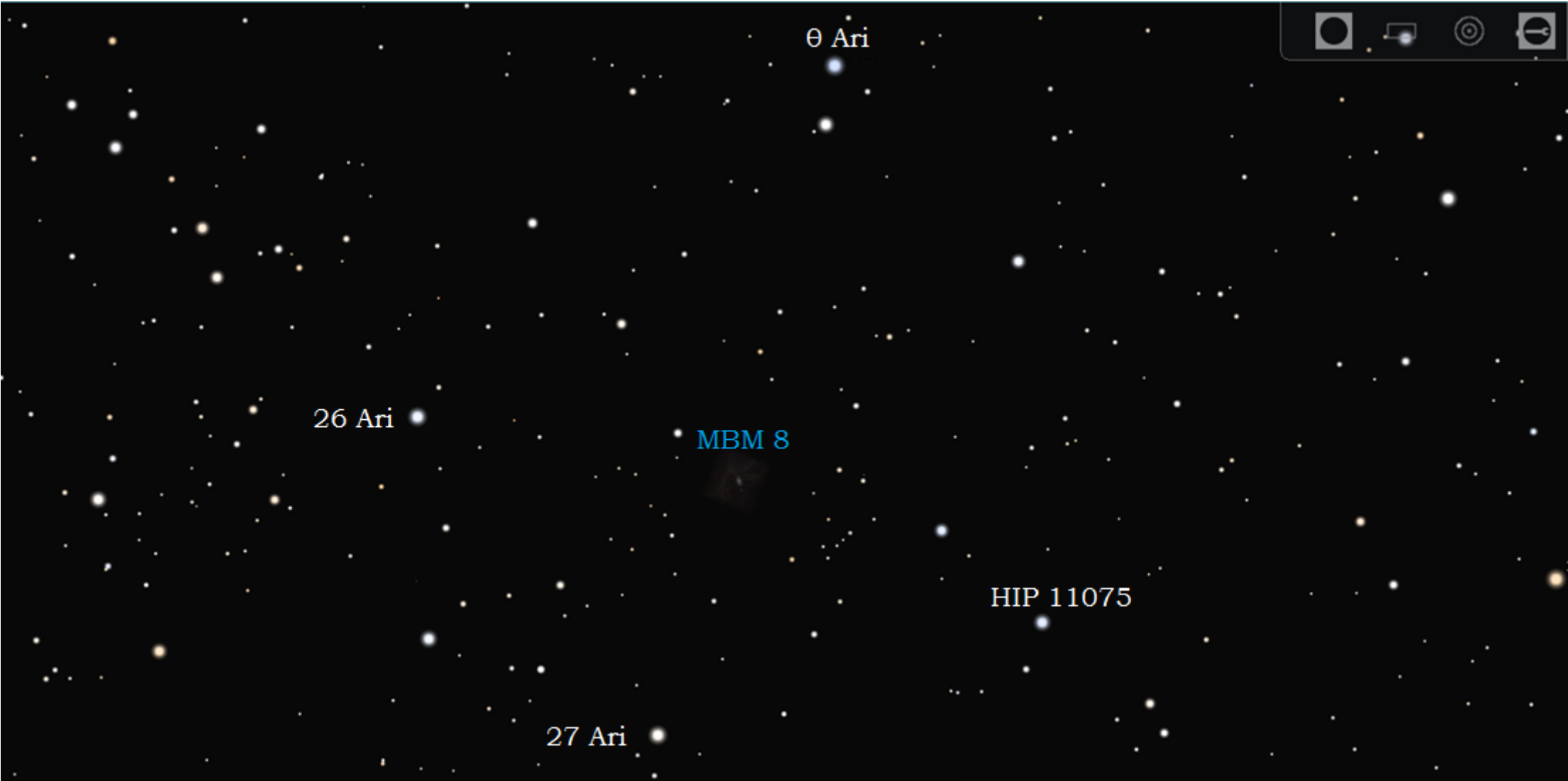
2. MBM 8 in Aries

Start by locating the constellation Aries.



The molecular cloud MBM 8 is within the quadrilateral of stars with vertices: 26 Ari, 27 Ari, HIP 11075 and θ Ari.

2. [MBM 8](#) Zoom in!



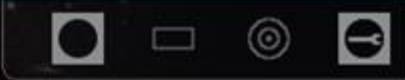
2. [MBM 8](#) Zoom in further!



The bright object is NGC 918 which is an active galaxy { SAB(rs)c } .

The magnitude of NGC 918 is given as 15.01 on Stellarium.

Exercise! Identify the star highlighted in the picture.



MBM 8

NGC 918



Which star is this?