

February's Suggested Constellation - but which one?

*Have you
got it yet?*



February's Suggested Constellation
- but which one?



That's right
- Orion

February's Suggested Constellation



February's Suggested Constellation



Orion –The Great Hunter

There are many different legends about Orion. Some say that he was the lover of Artemis, some that he was the lover of Aurora. Many stories agree that he was killed by a scorpion sent by a jealous, godly rival. To honour him he was put into the sky, but to protect him he was placed well away from Scorpius.

Where is it?



As at about
10.00 p.m.
tonight



Orion

Messier Object:
M78, Nebula

Open
Cluster

Multiple
Star

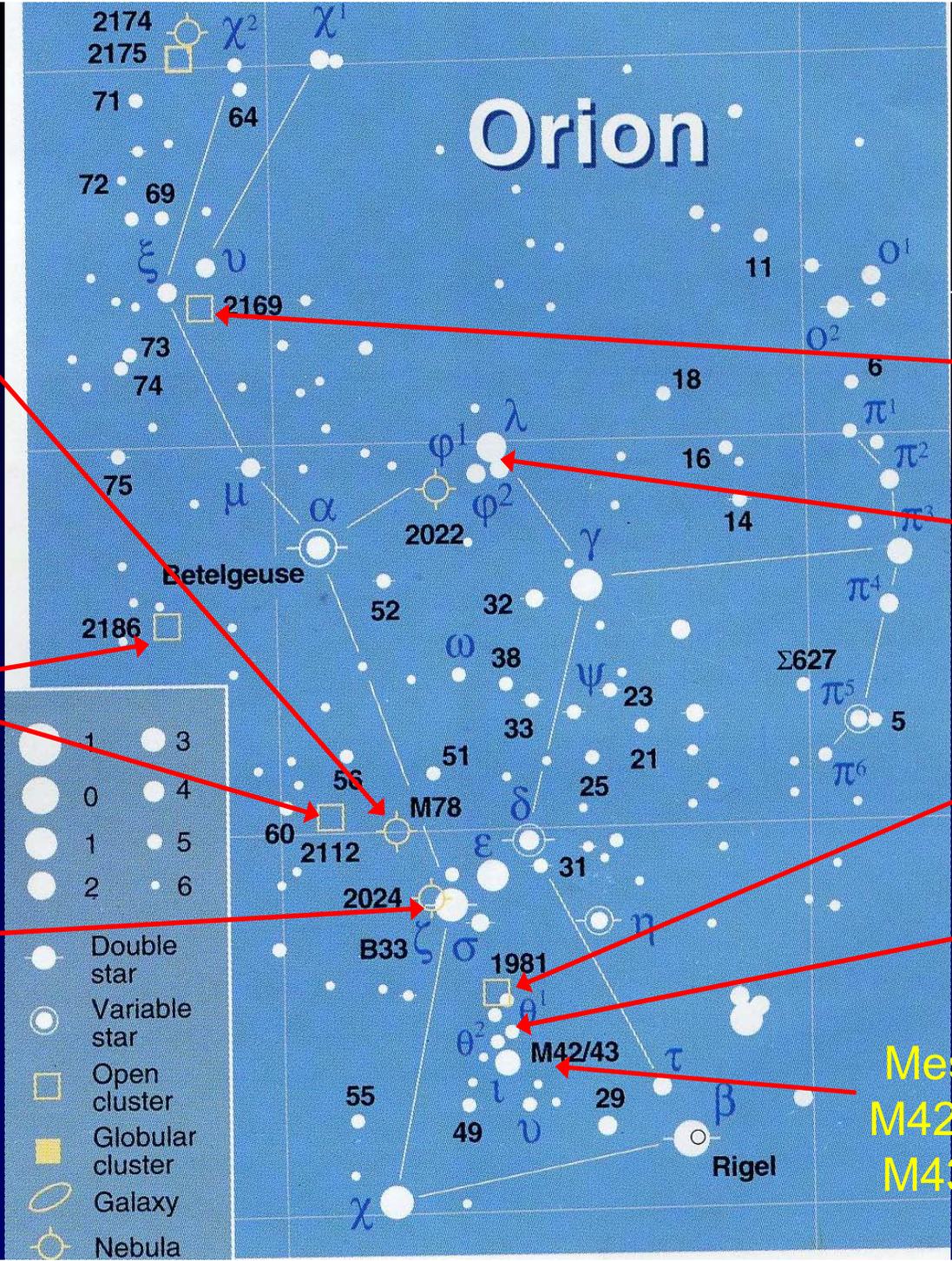
Open
Clusters

Open
Cluster

Multiple
Star

Flame Nebula
& Horsehead
Nebula

Messier Objects:
M42 Orion Nebula
M43 De Mairan's
Nebula



Messier Objects in Orion



M42 (and M43) © Anglo-Australian Observatory
Photo by David Malin

M42 (NGC 1976)
Great Orion Nebula

Distance 1,500 light years
Visual Brightness Magnitude 3.7
Apparent Dimension 1°
Discovered 1611 Nicholas Peiresc



M43 © Anglo-Australian Observatory
Photo by David Malin

M43 (NGC 1982)
De Mairan's Nebula

Distance 1,500 light years
Visual Brightness Magnitude 6.8
Apparent Dimension 20 arc minutes
Discovered 1731 by Jean de Mairan

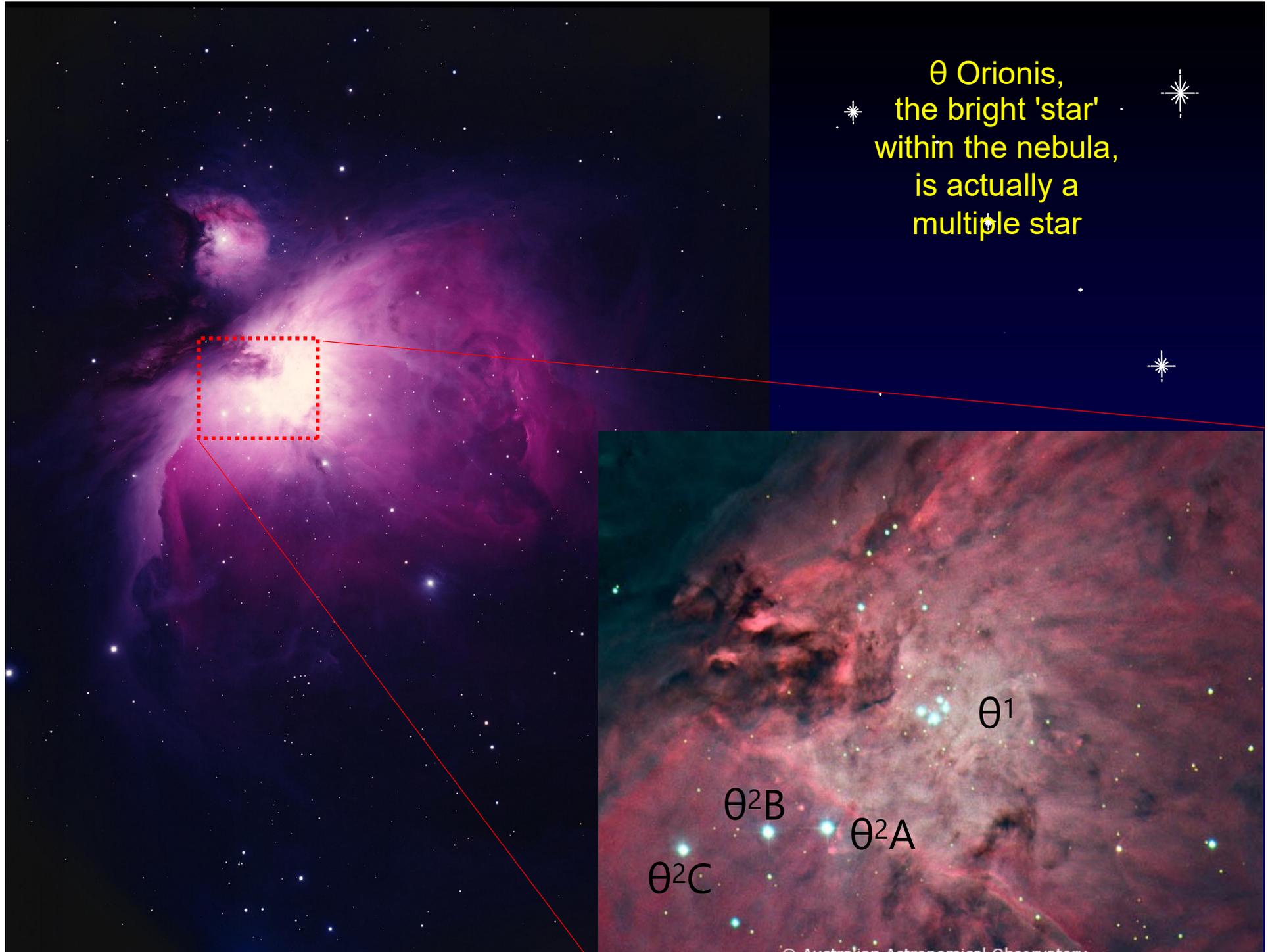
Messier Objects in Orion



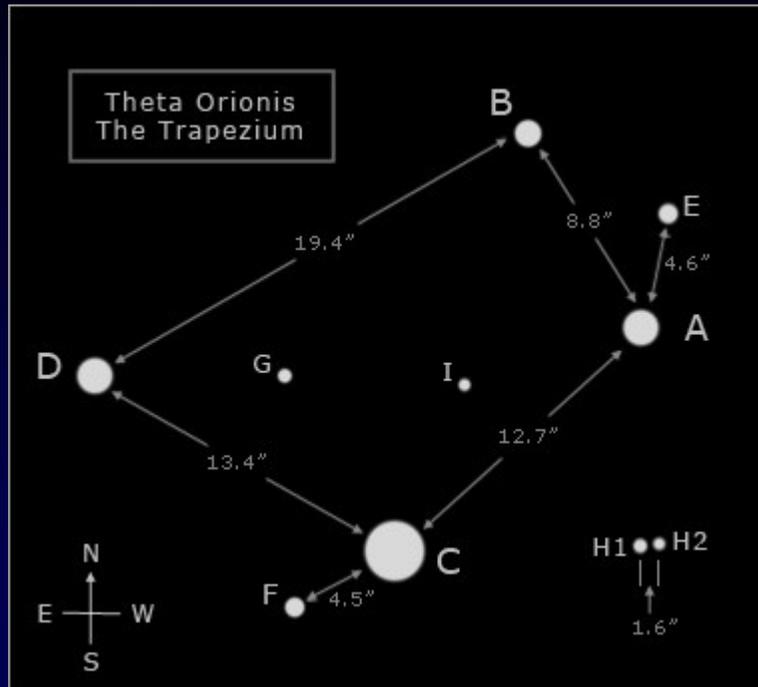
M78 (NGC 2067/8)

Distance 1,630 light years
Visual Brightness Magnitude 8
Apparent Dimension 8 arc minutes
Discovered 1780 Pierre Méchain

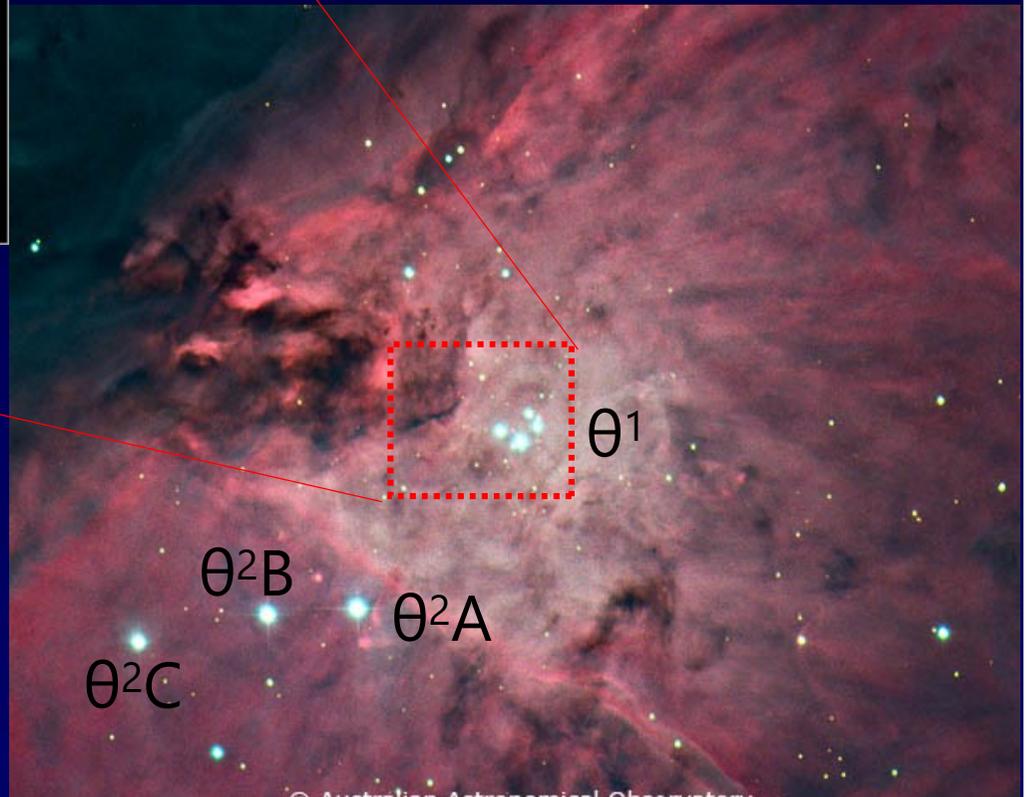
θ Orionis,
the bright 'star'
within the nebula,
is actually a
multiple star

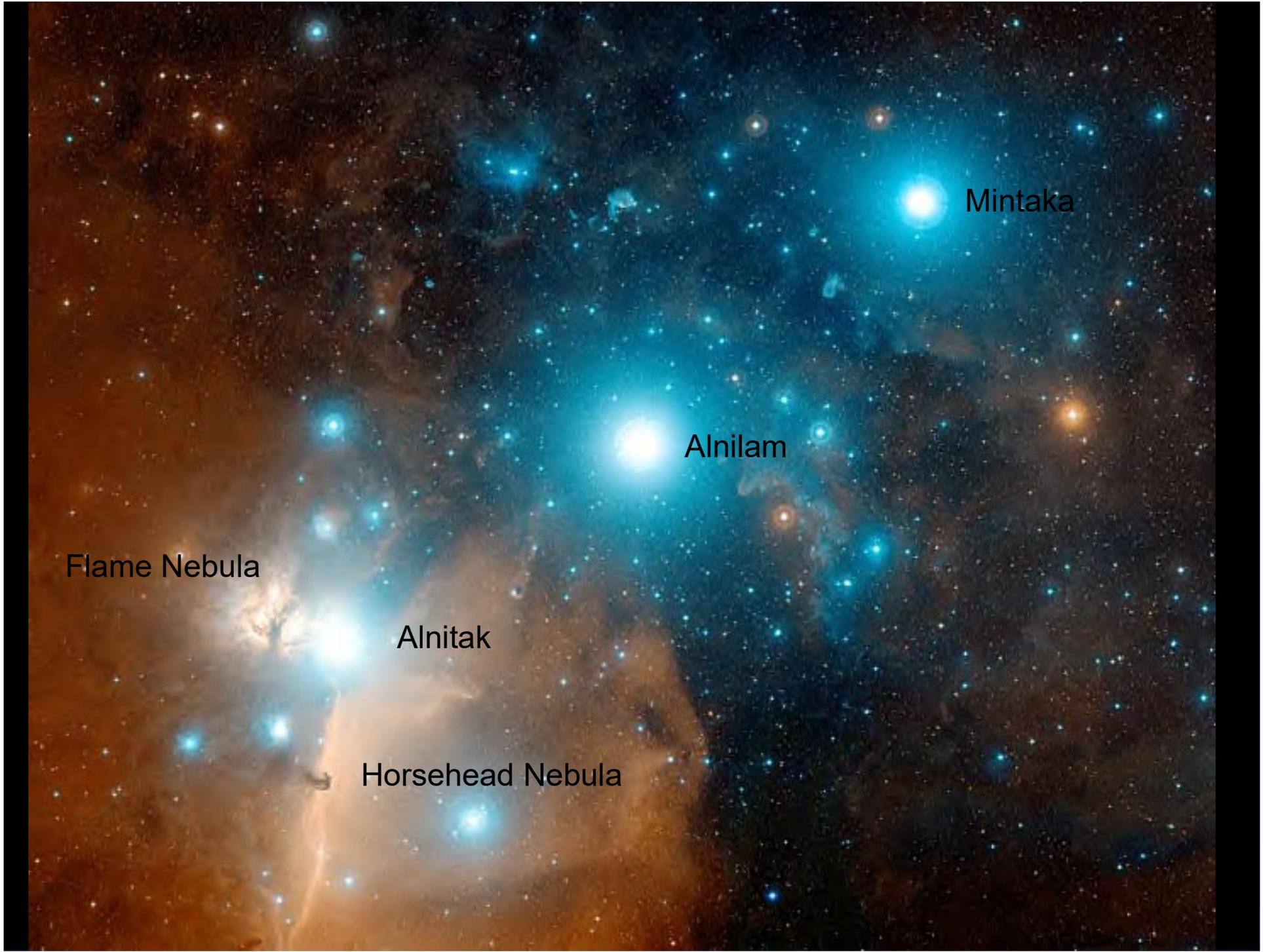


θ Orionis,
the bright 'star'
within the nebula,
is actually a
multiple star



θ^1 'The Trapezium', is
itself a multiple star





Mintaka

Alnilam

Flame Nebula

Alnitak

Horsehead Nebula



Horsehead Nebula

