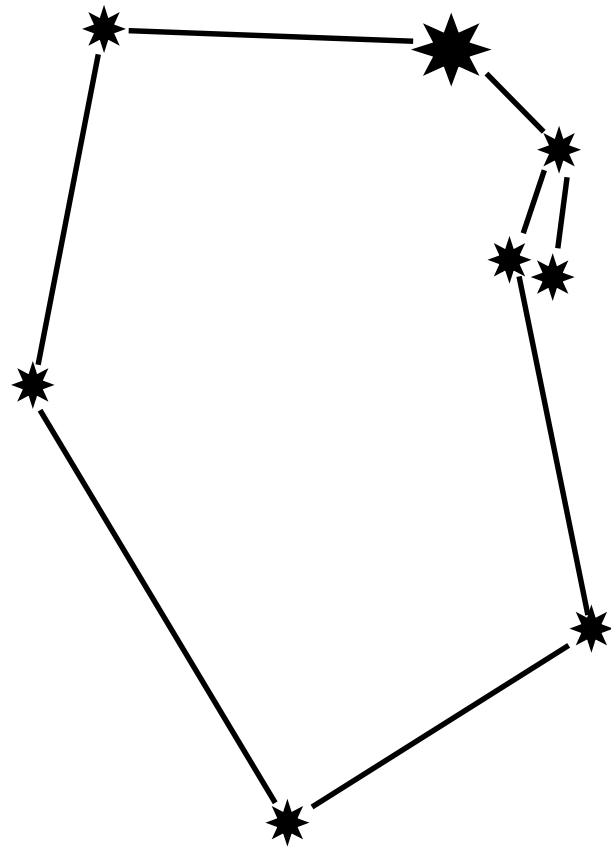


Constellation Close-Up: Auriga

James Appleton



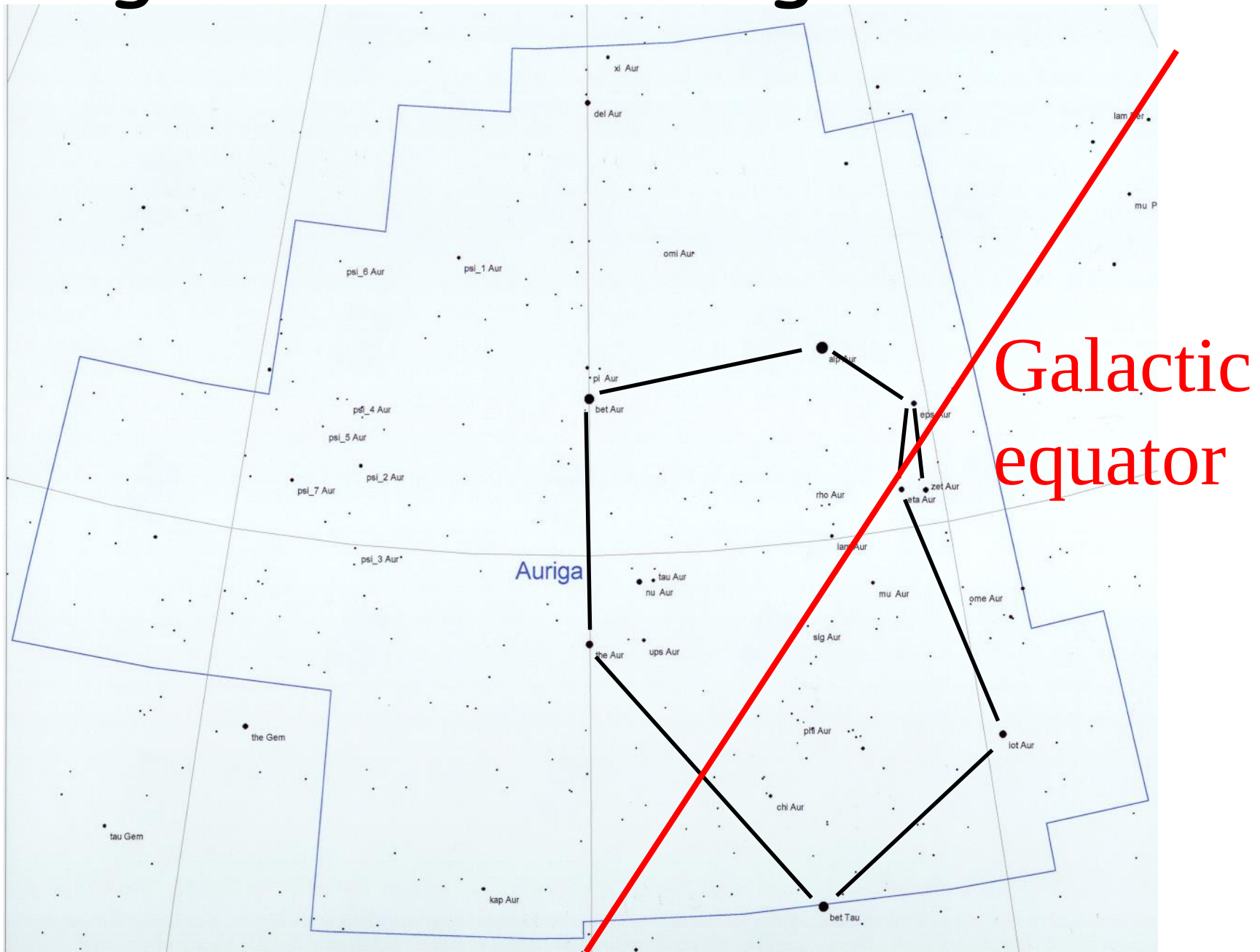
Topics

- Overview of Auriga
- Stars
- Double and multiple stars
- Faint star clusters
- Bright star clusters: M36, M37, M38
- Nebulosity
- Close

Overview of Auriga

Auriga - Stars to Magnitude 6.0

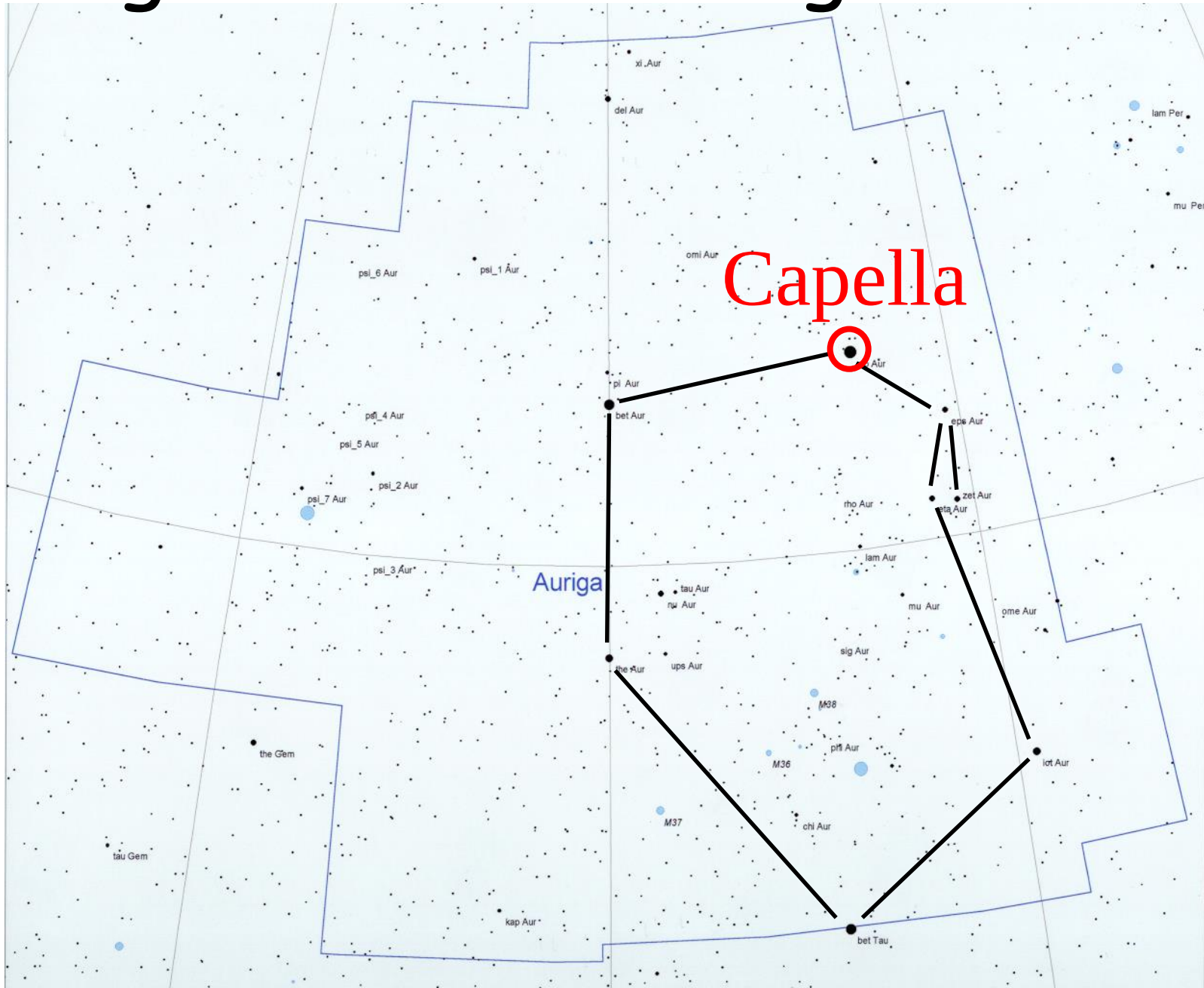
4



Stars

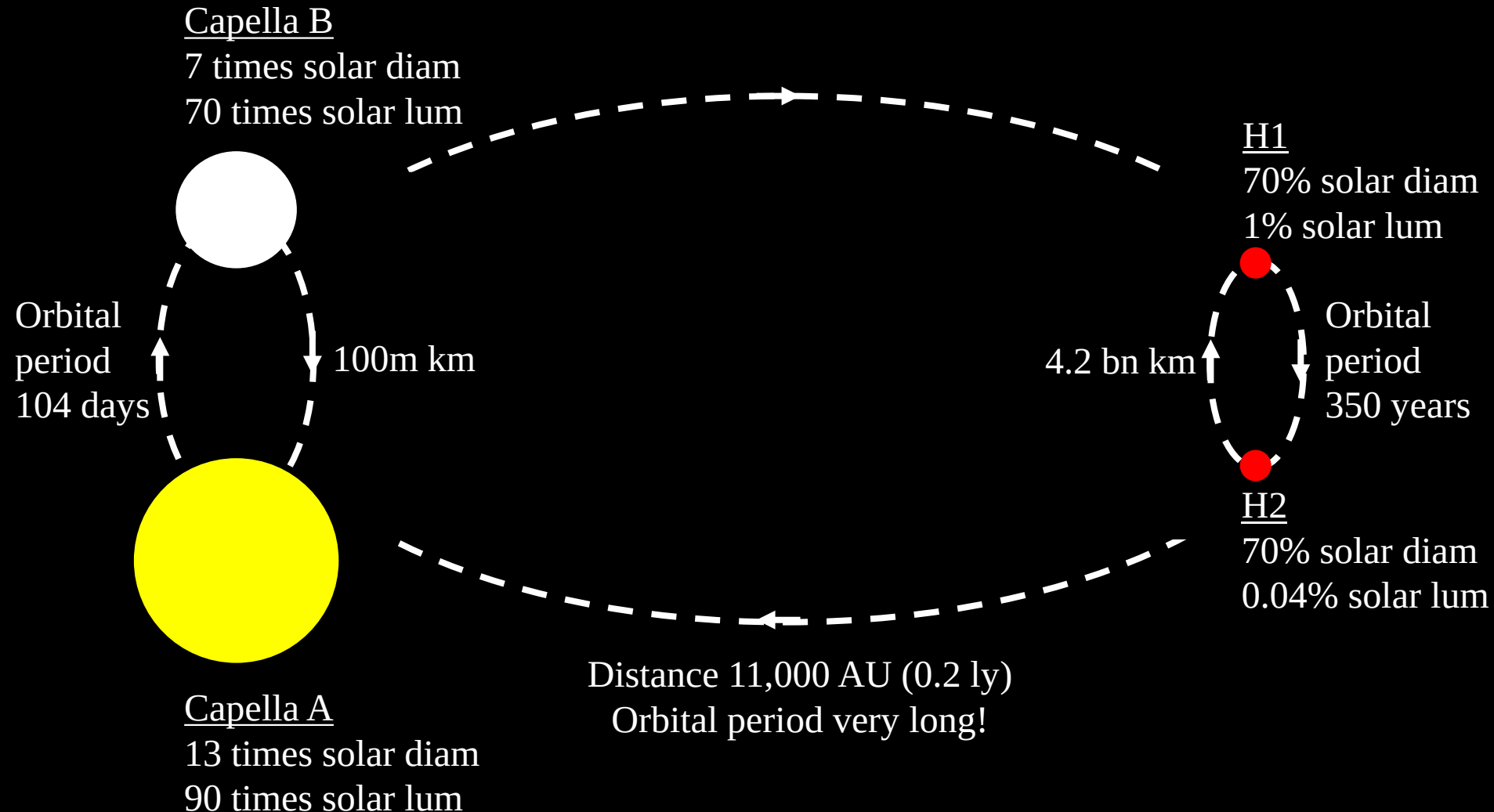
Auriga - Stars to Magnitude 8.0

6



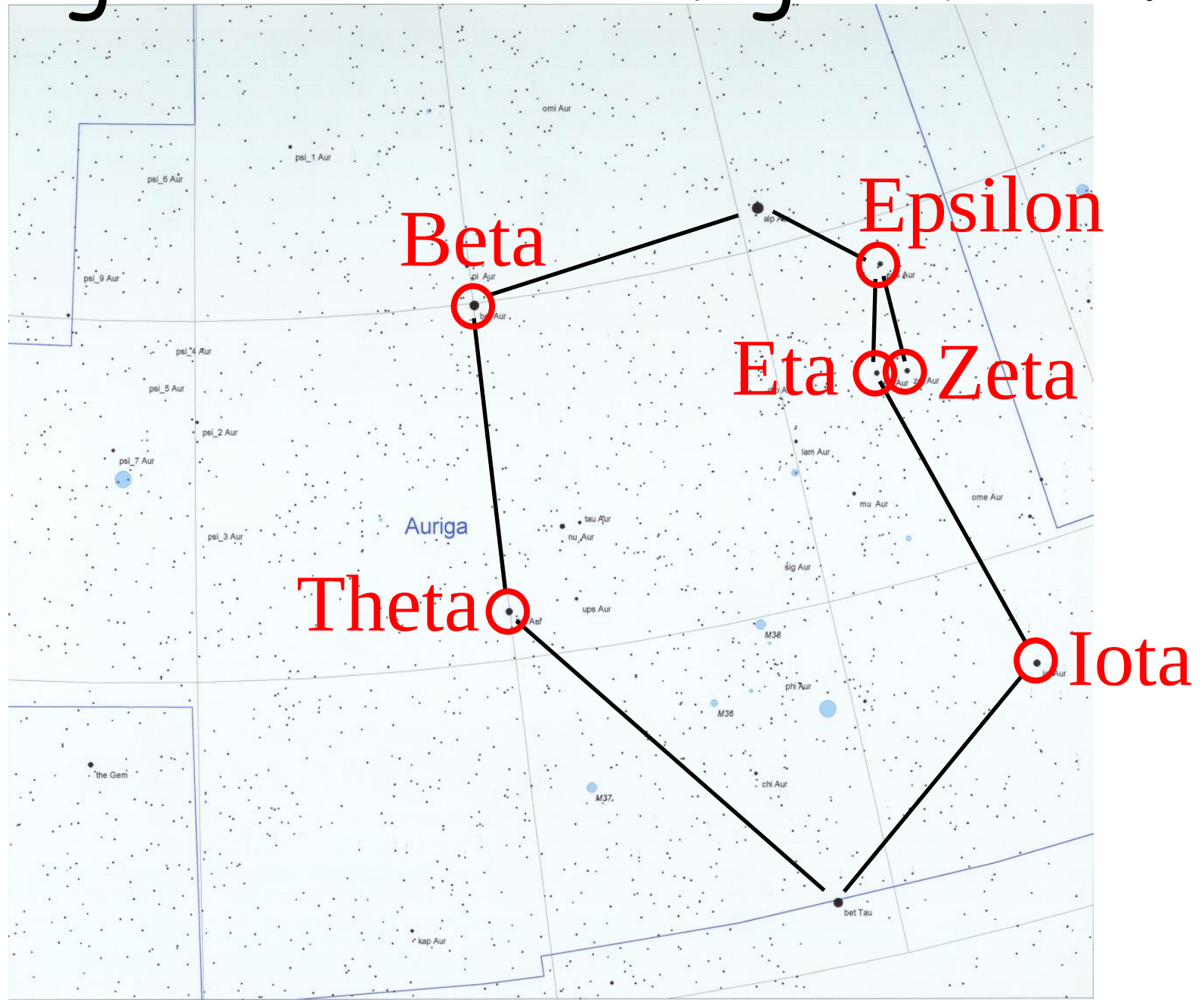
Capella System

Stars shown in correct relative sizes, but not separations



Auriga - Stars to Magnitude 8.0

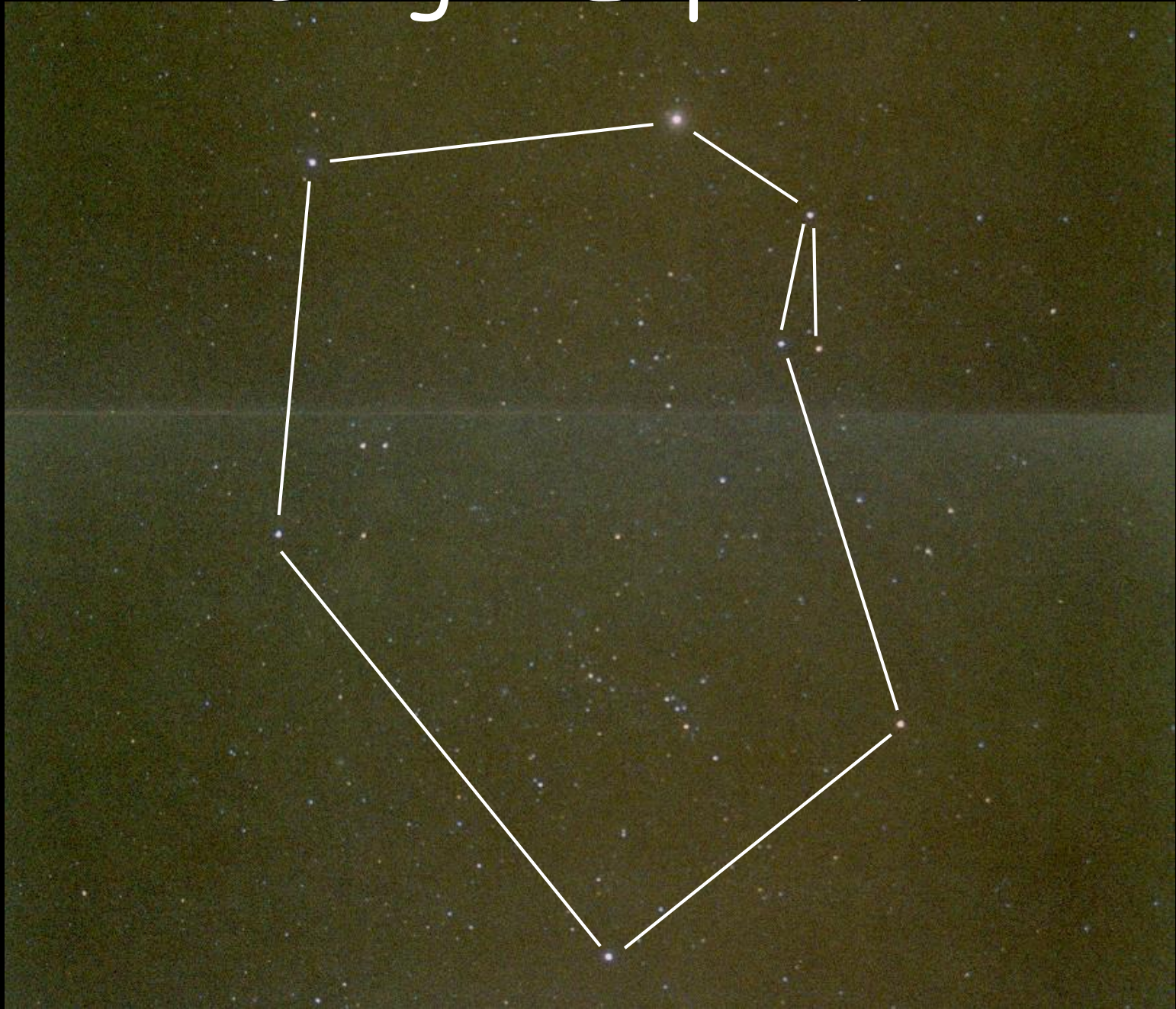
8



Digital Camera "Happy Snap"



Longer Exposure



Capella & Kids - Colour Contrast



Under American Skies...

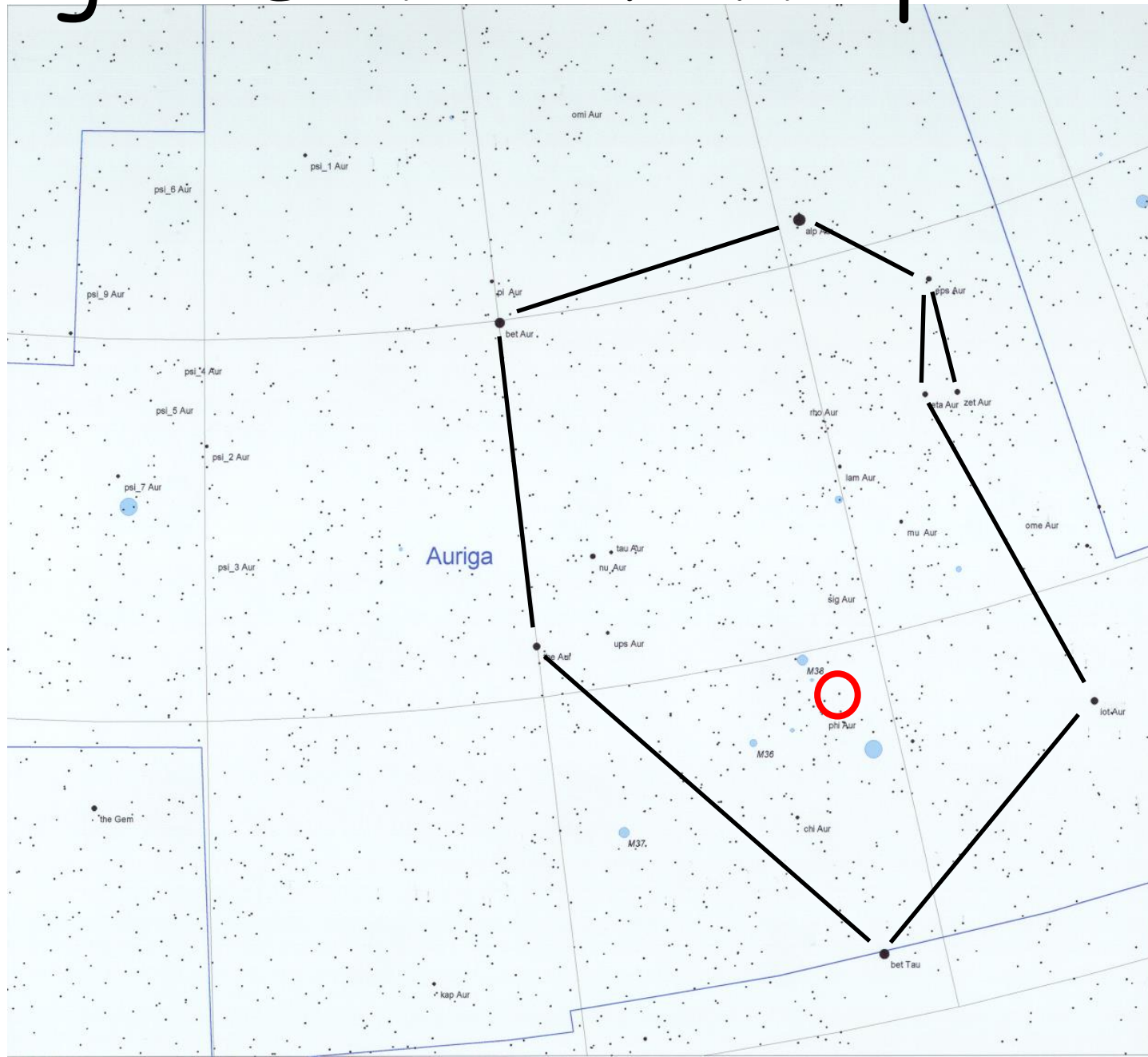


Double And Multiple Stars

Double & Multiple Stars

Star	Magnitudes	Sep (")	Observing notes
Struve 698	6.6, 8.7	31	
Struve 644	6.7, 7.0, 9.3	1.6, 73	Couldn't separate close pair
Capella	0.1, 10.0	12 arcmin	Couldn't split fainter star (Capella H)
41 Aur	6.6, 7.0	7.7	Colour contrast: white, yellowish?
Struve 718	7.5, 7.5, 9.2	7.7, 119	A&B identical, very pretty triangle
Theta	2.6, 7.1, 10.6	3.6, 50	Needed high power to split close pair
Epsilon	3.0, 11.7, 12.0	43, 46	
26 Aur	6.0, 8.0, 11.5	12.4, 33	Blue tinge to mag 8? Mag 11.5 difficult.
Omega	5.0, 8.0	5.4	

Auriga - Double & Multiple Stars

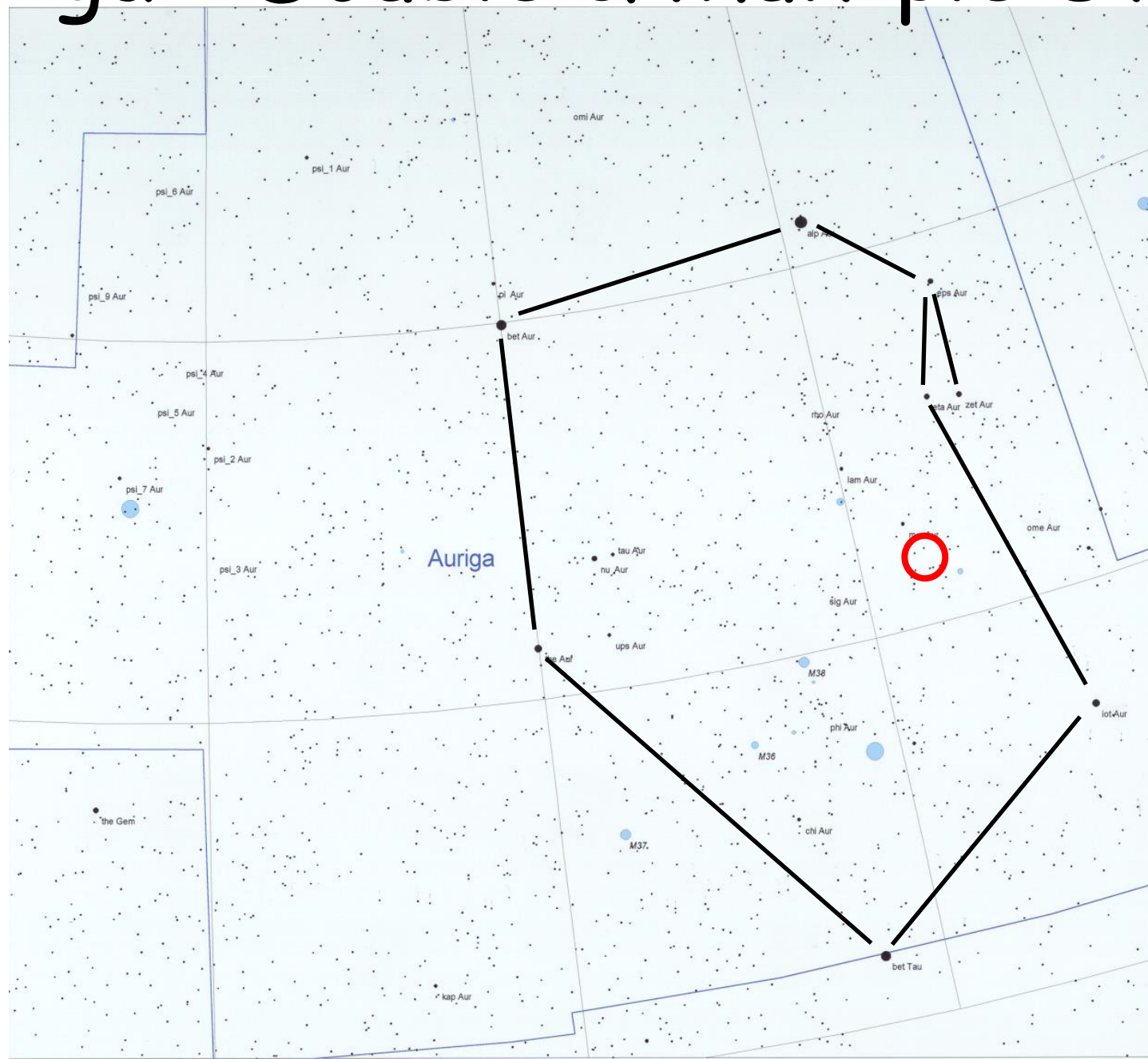


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Auriga - Double & Multiple Stars

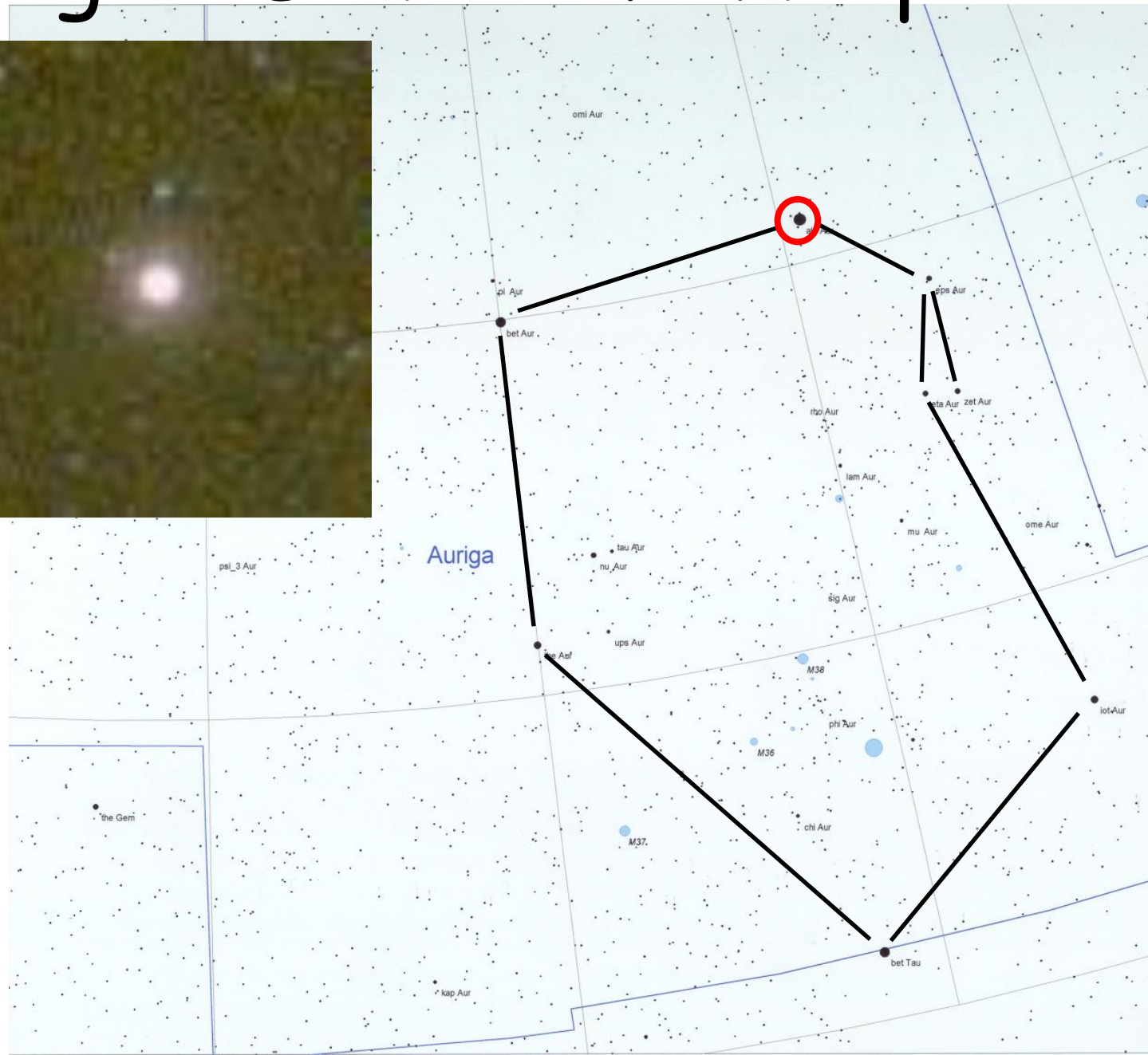
17



Double & Multiple Stars

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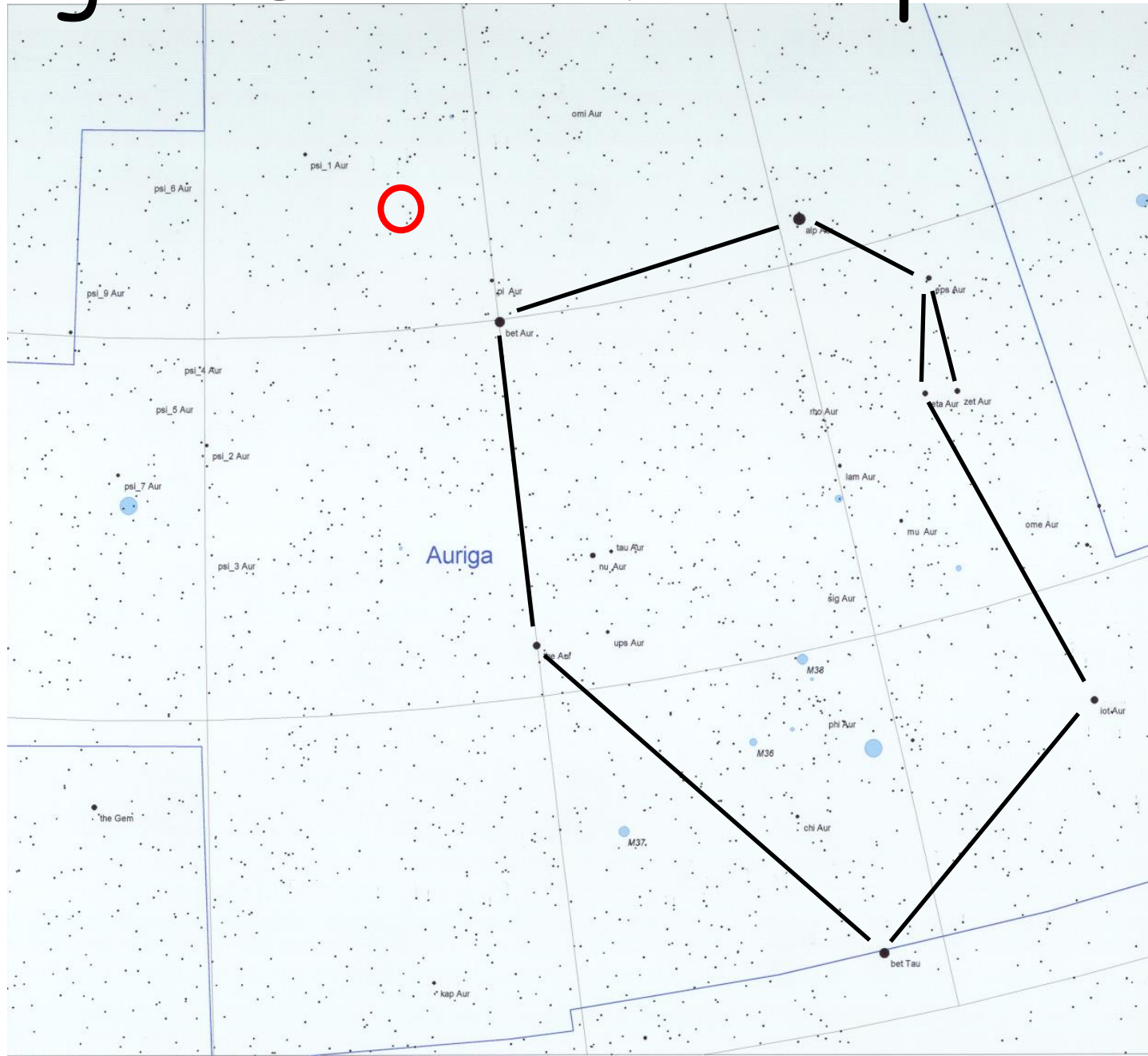
Auriga - Double & Multiple Stars



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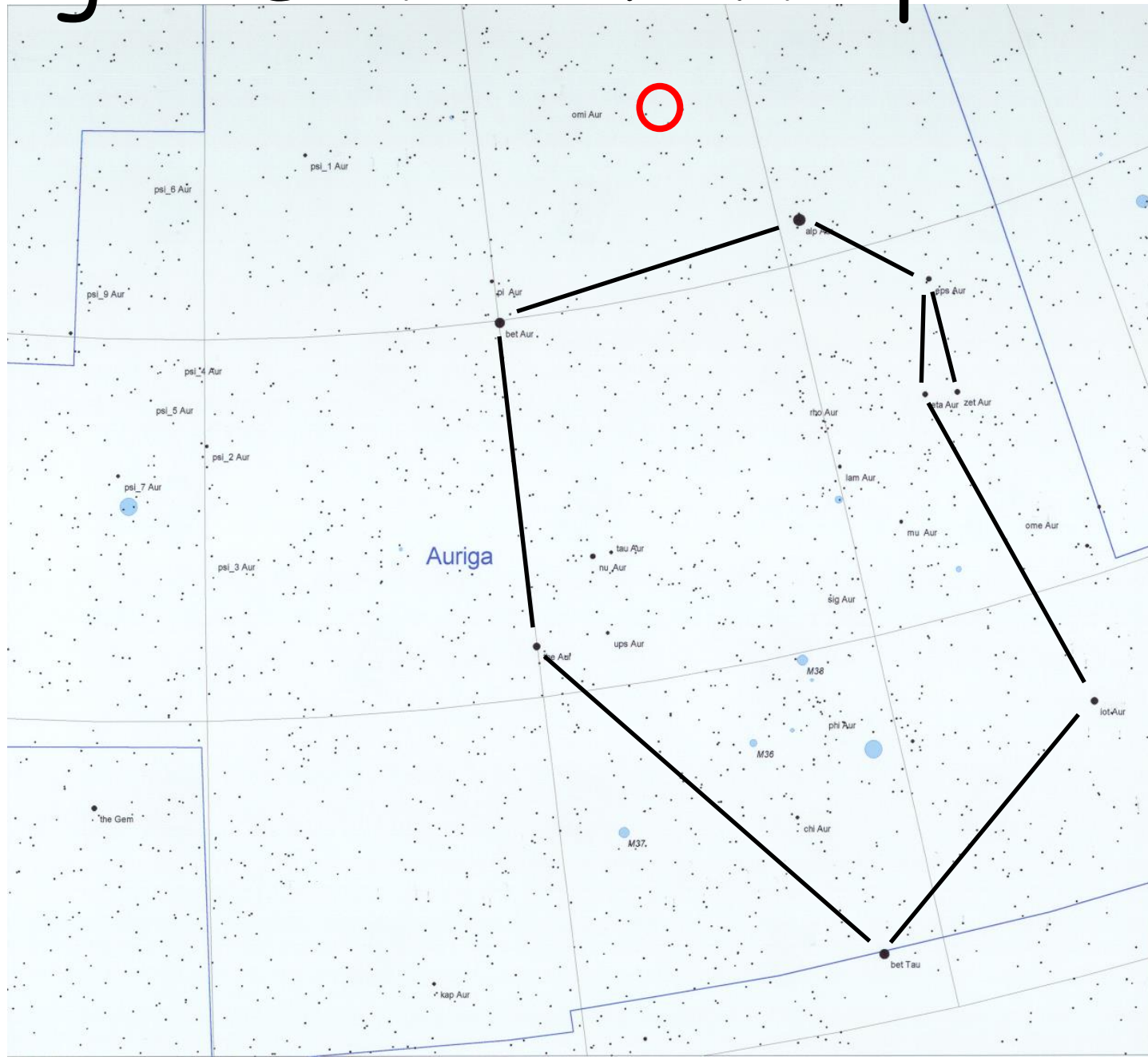
Auriga - Double & Multiple Stars



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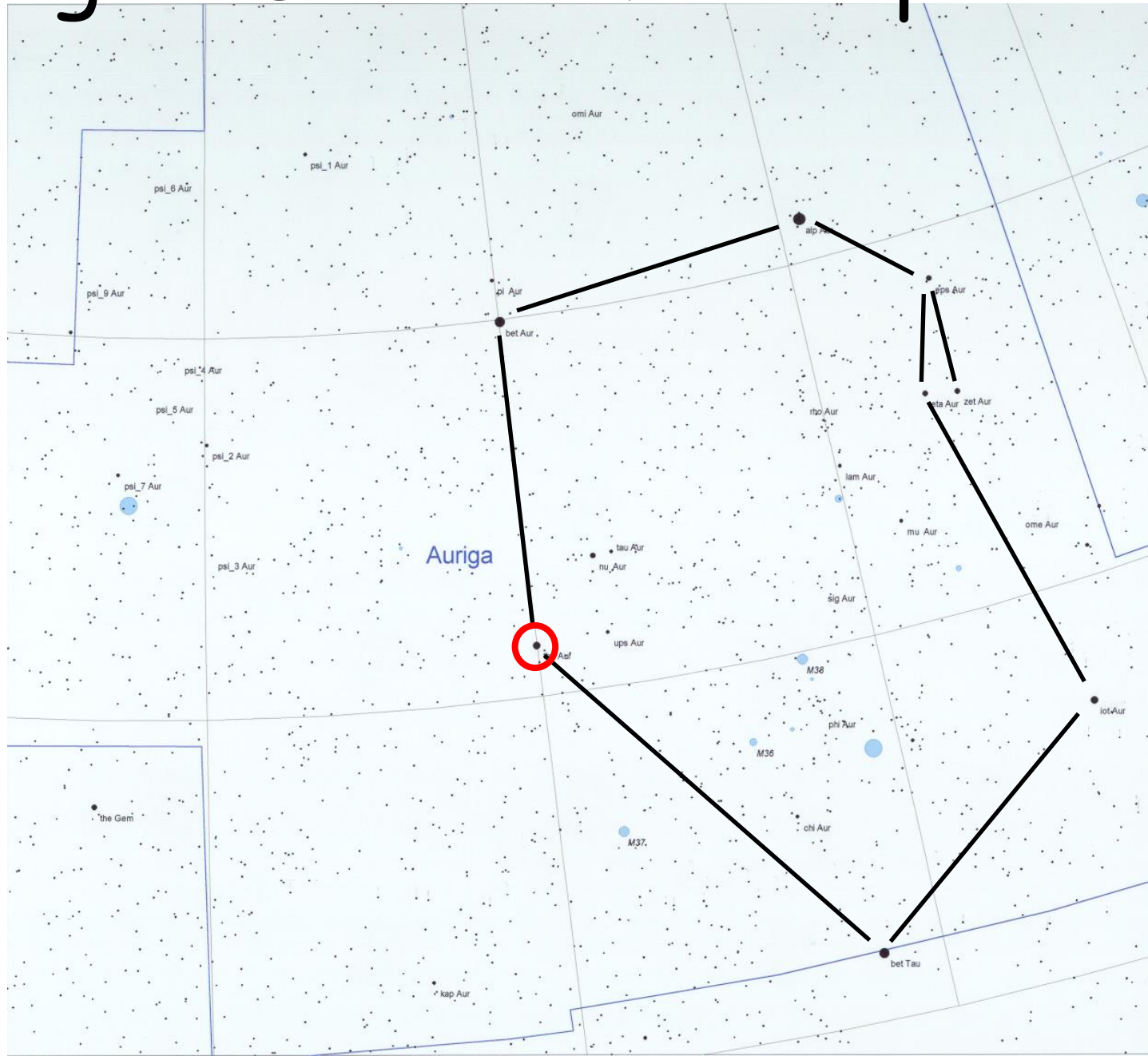
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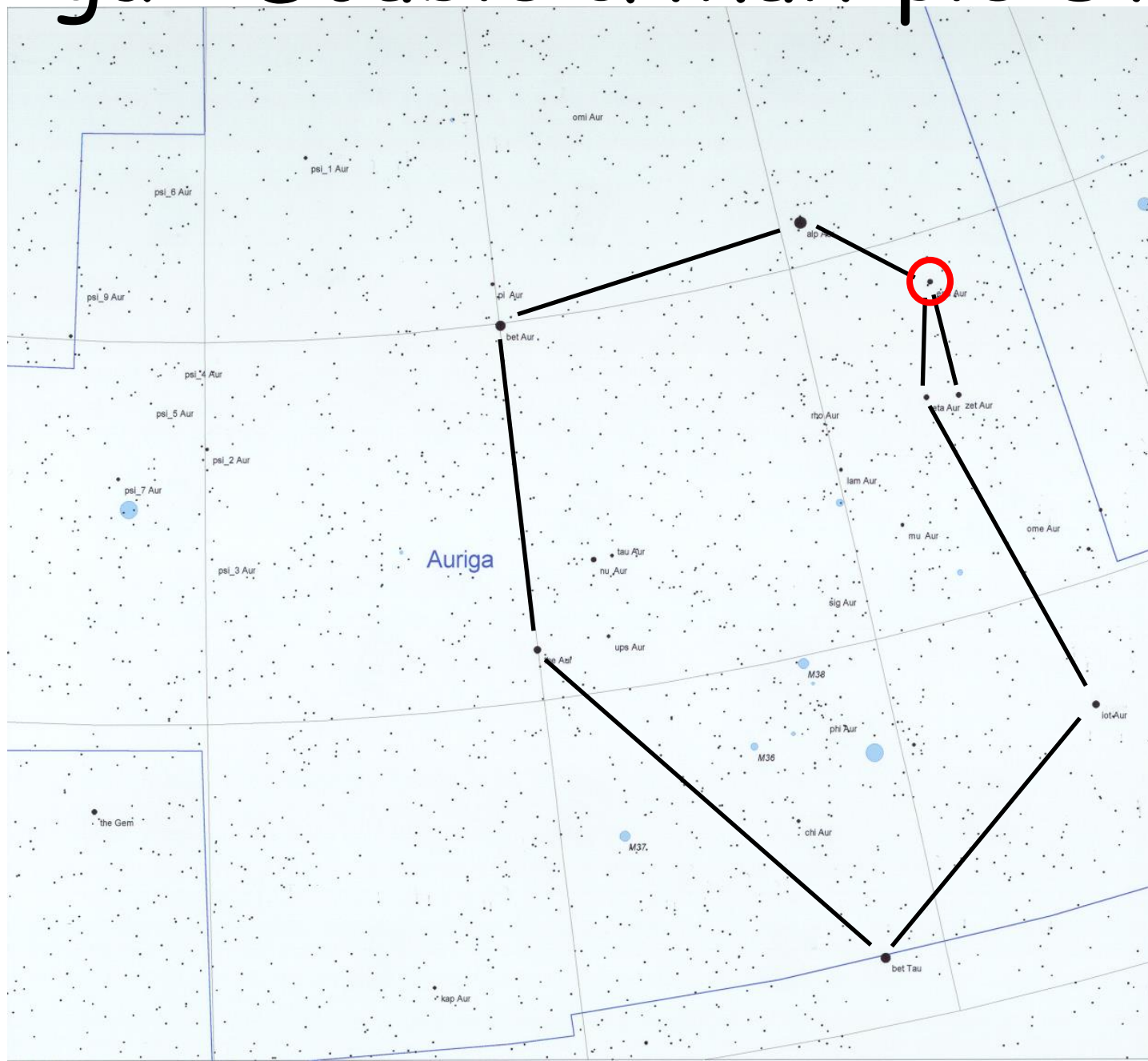
Auriga - Double & Multiple Stars



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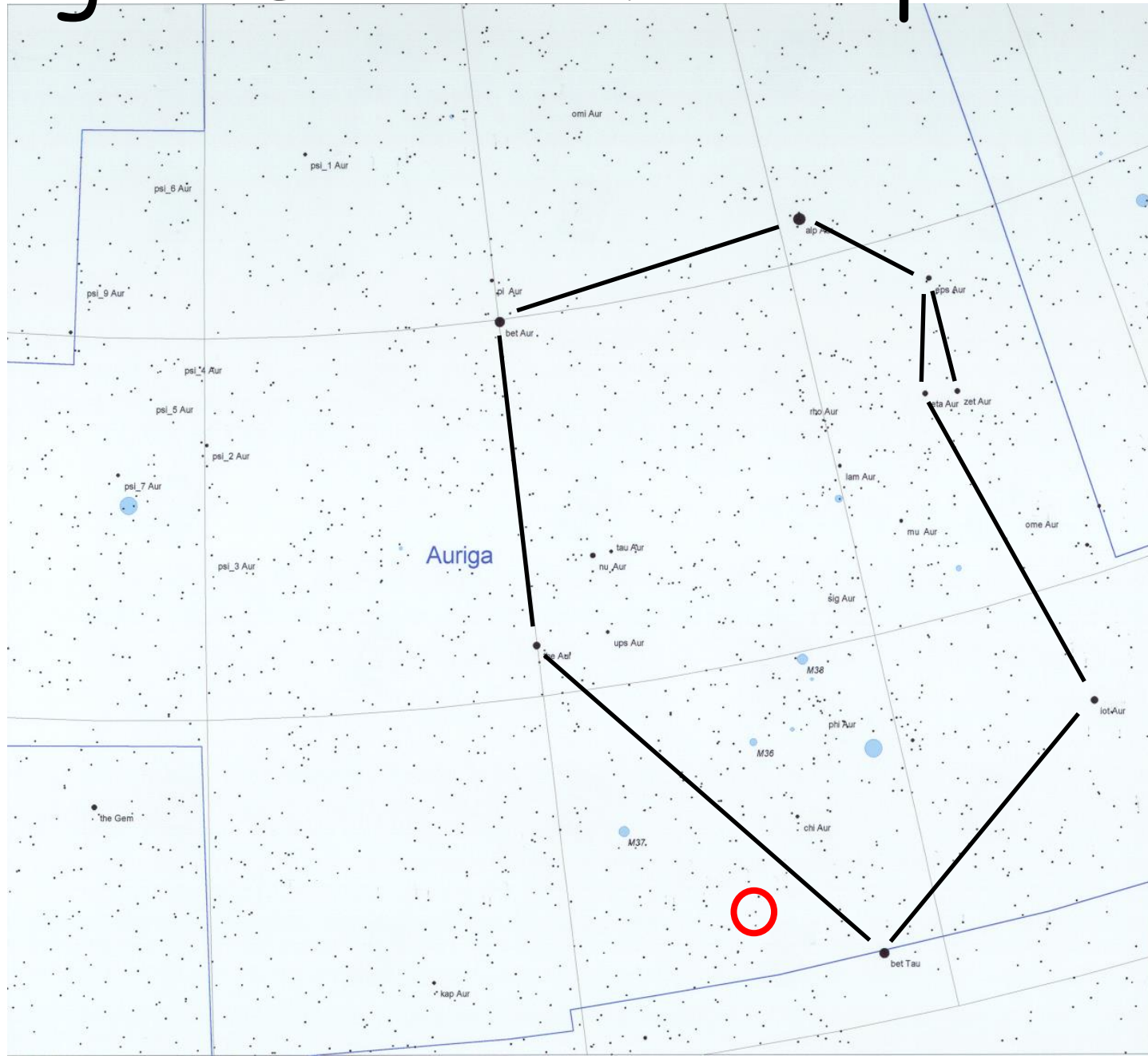
Auriga - Double & Multiple Stars



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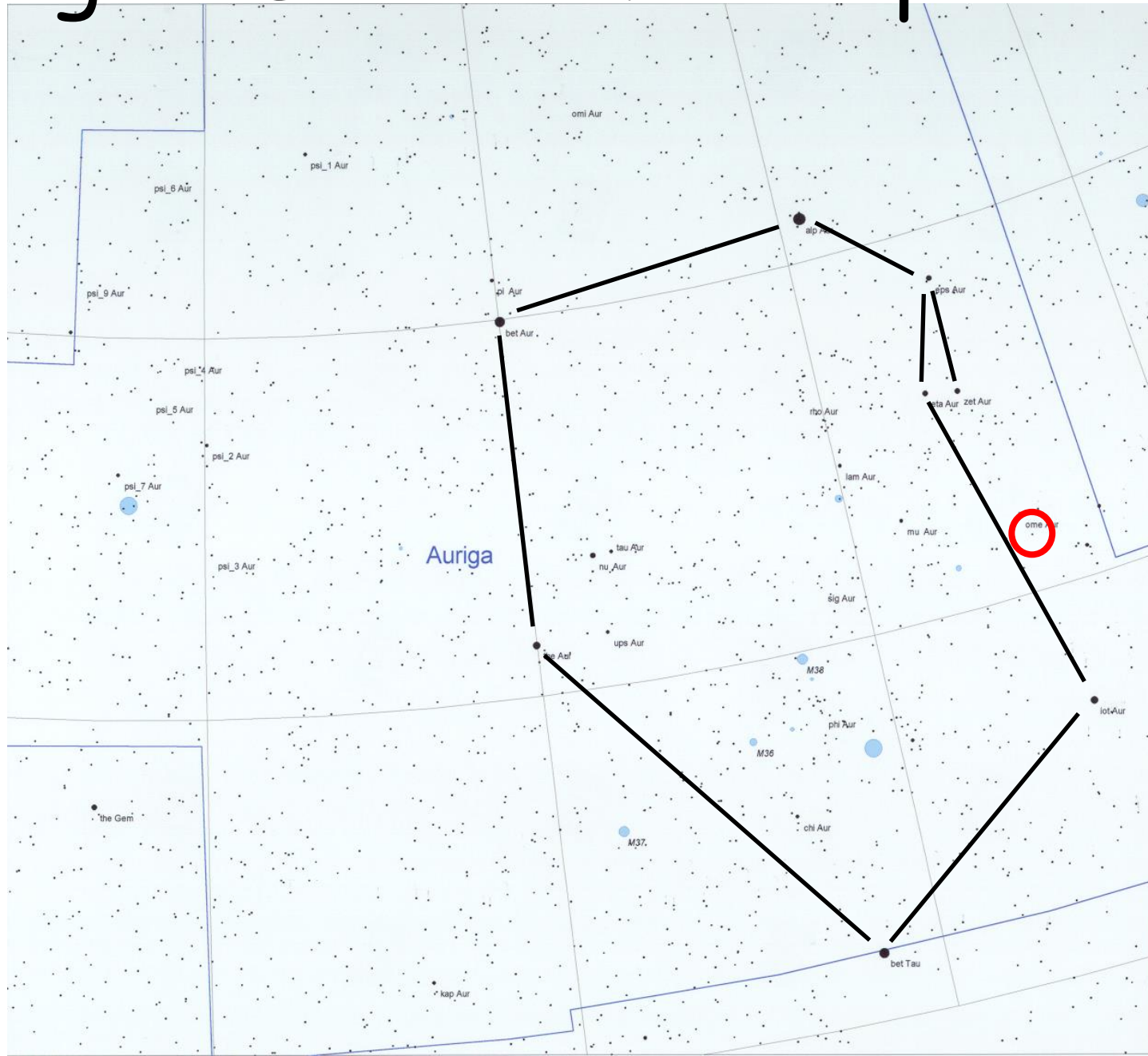
Auriga - Double & Multiple Stars



Double & Multiple Stars

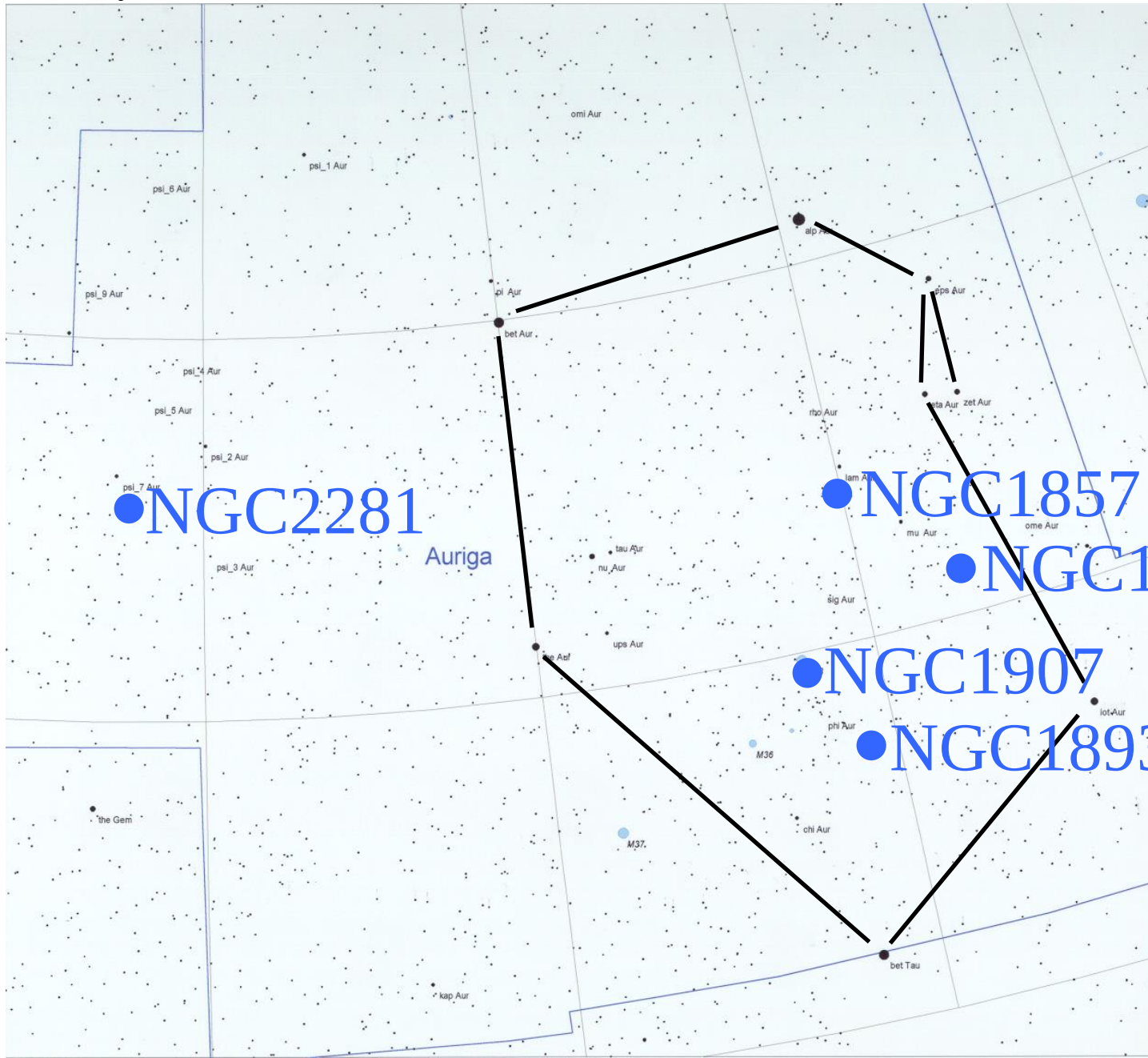
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Auriga - Double & Multiple Stars

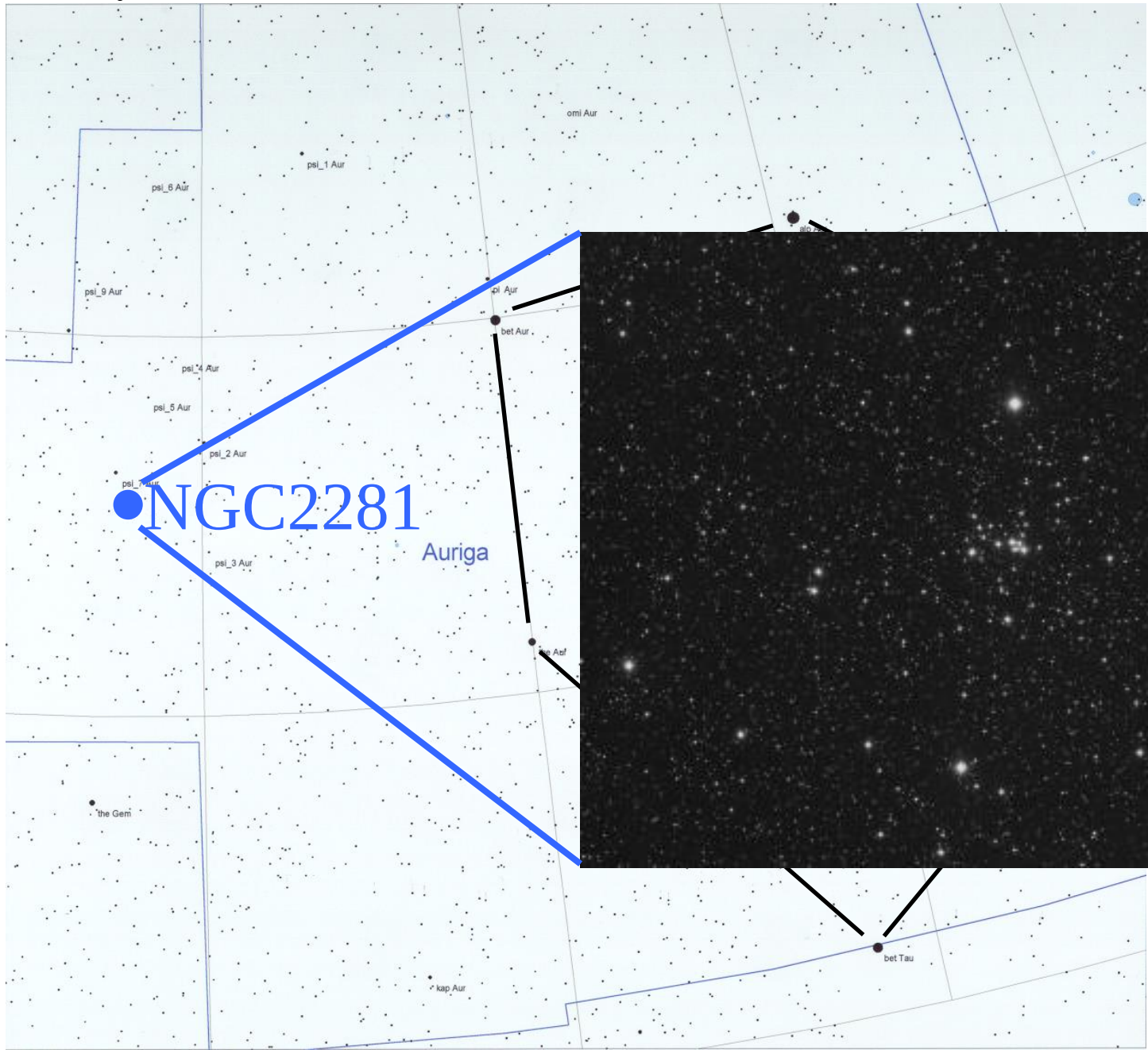


Star Clusters

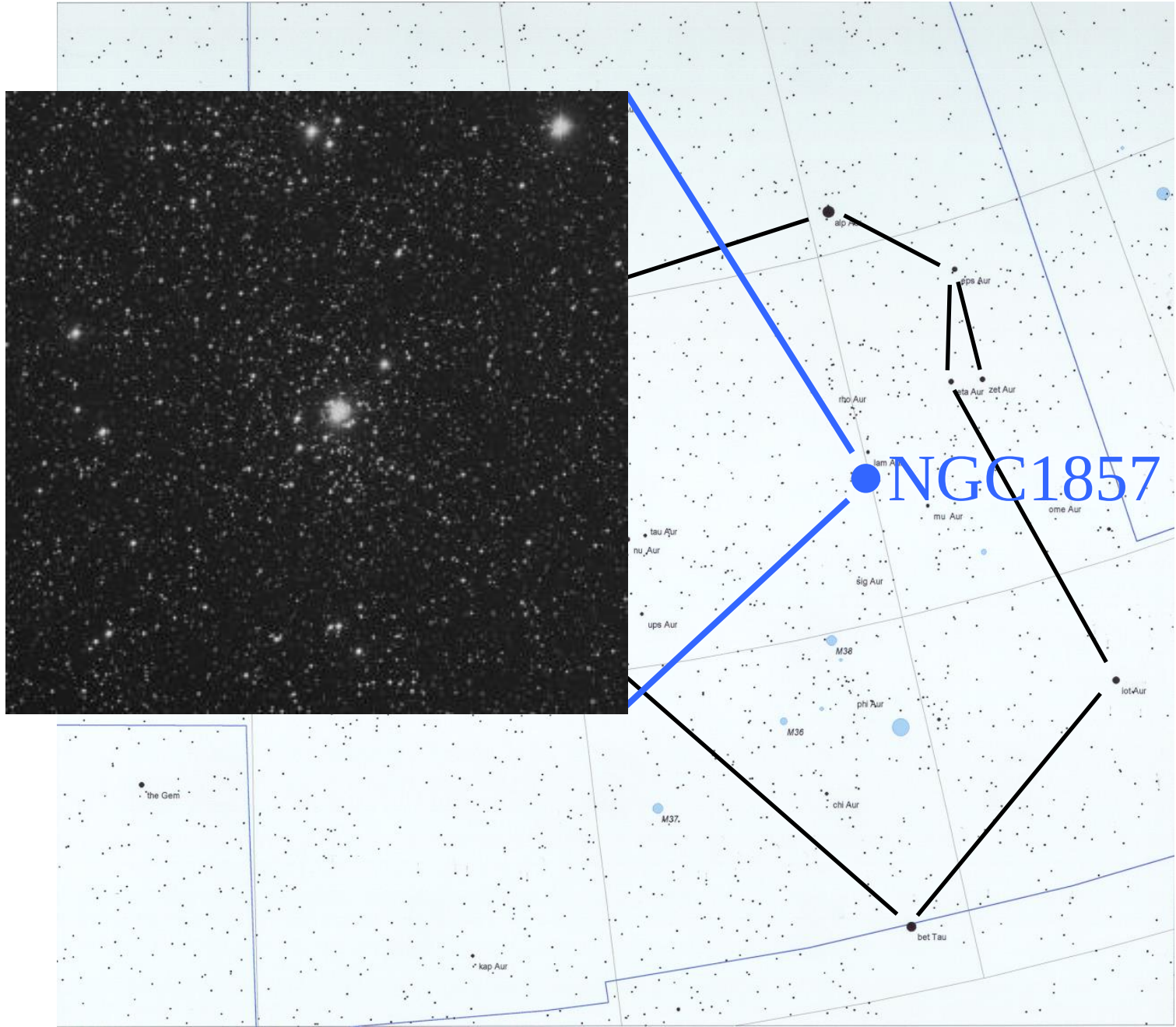
Fainter Star Clusters



Fainter Star Clusters



Fainter Star Clusters

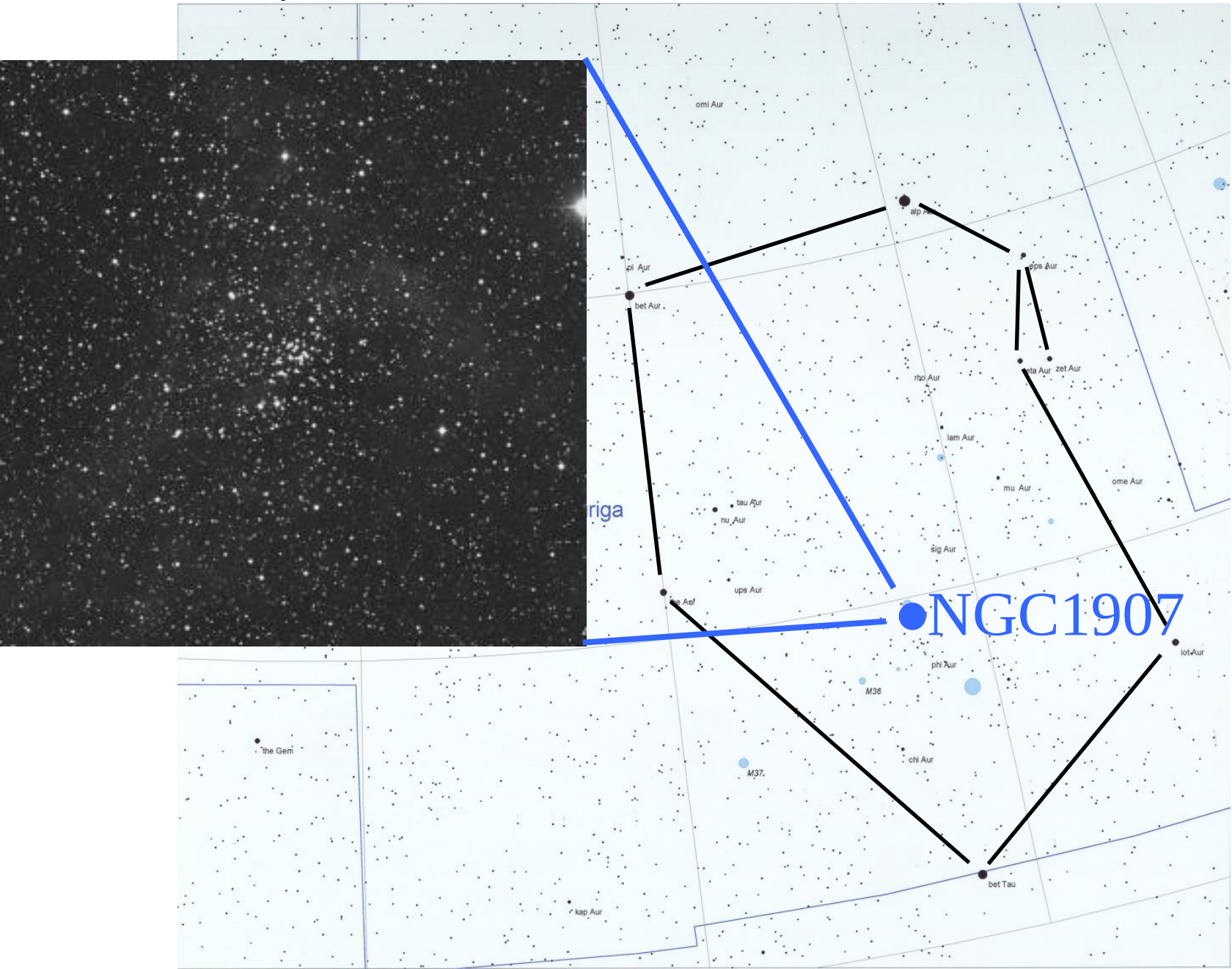


Fainter Star Clusters

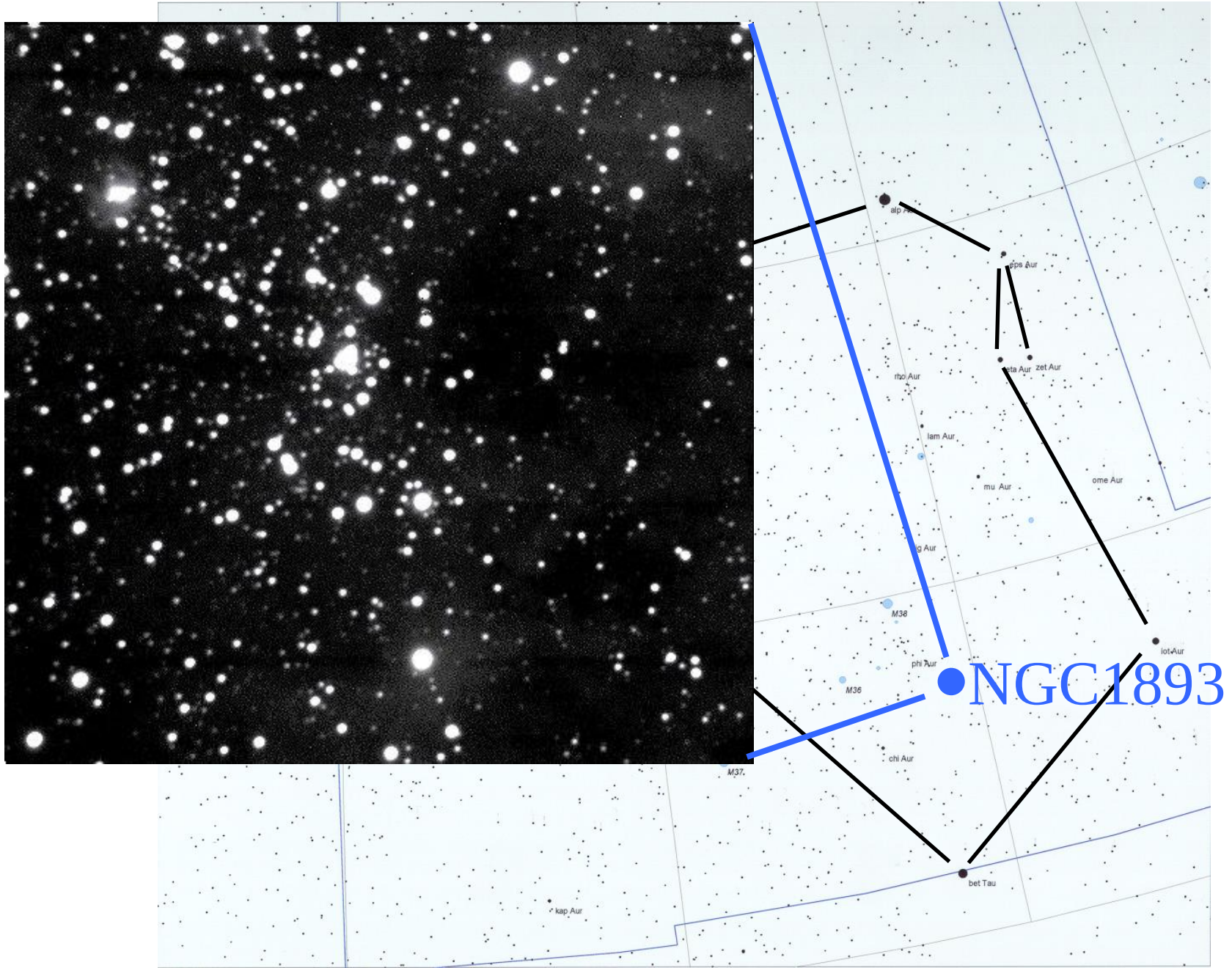


● NGC1778

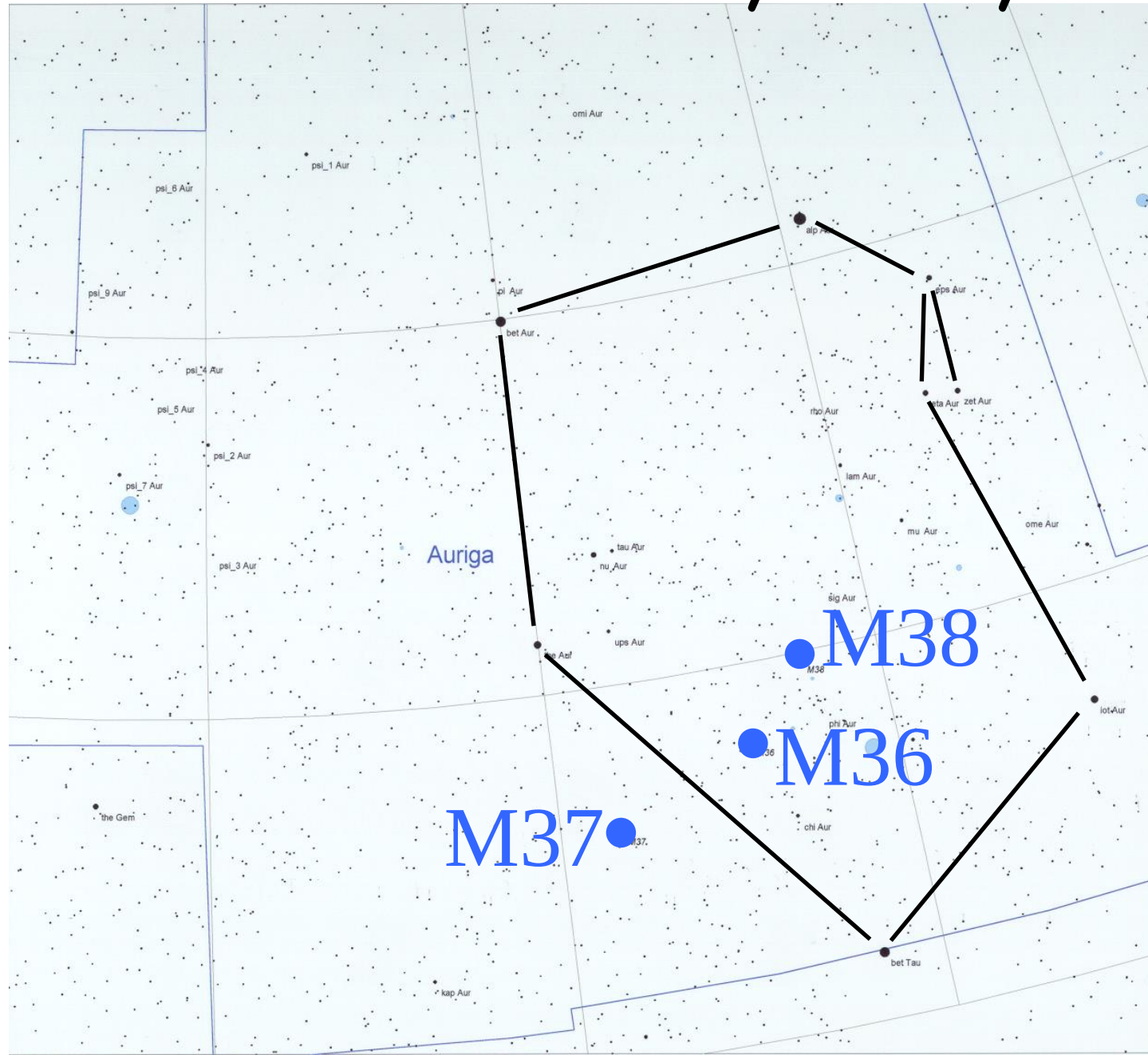
Fainter Star Clusters



Fainter Star Clusters



Star Clusters M36, M37, M38



M36, M37, M38

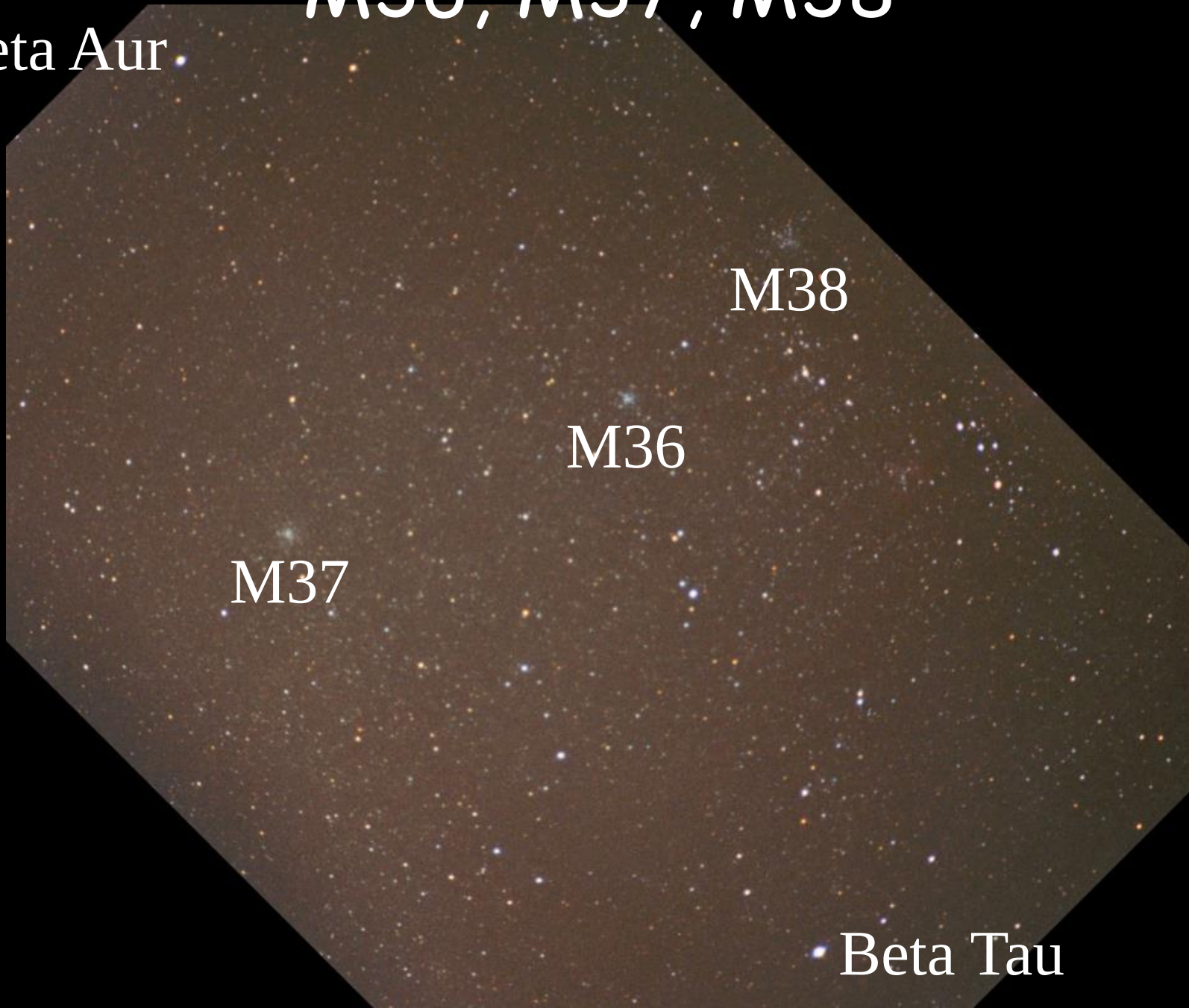
Theta Aur

M38

M36

M37

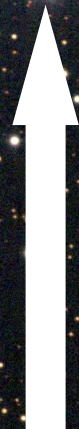
Beta Tau



M36, M37, M38



M36

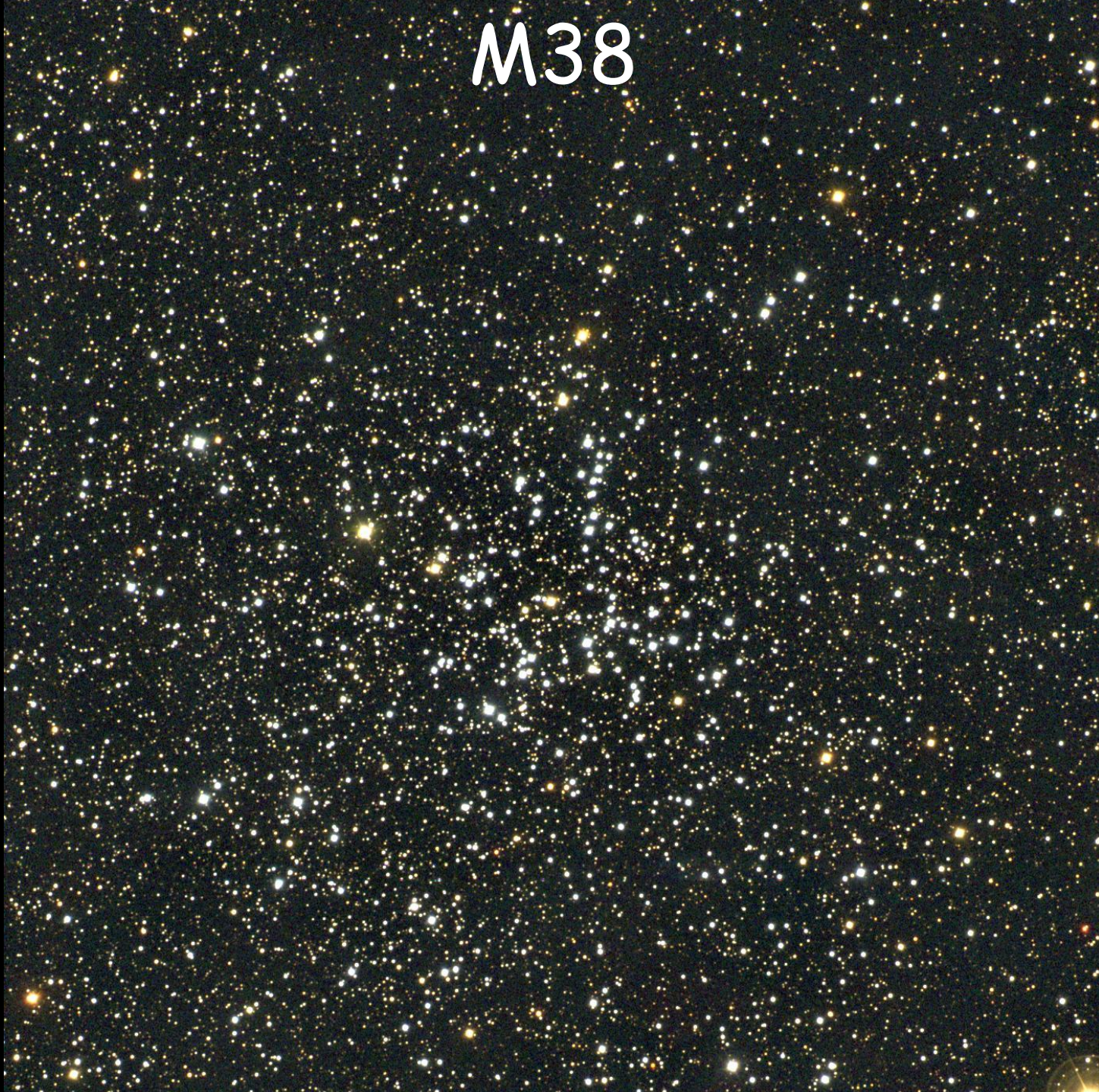


Struve 737

M37

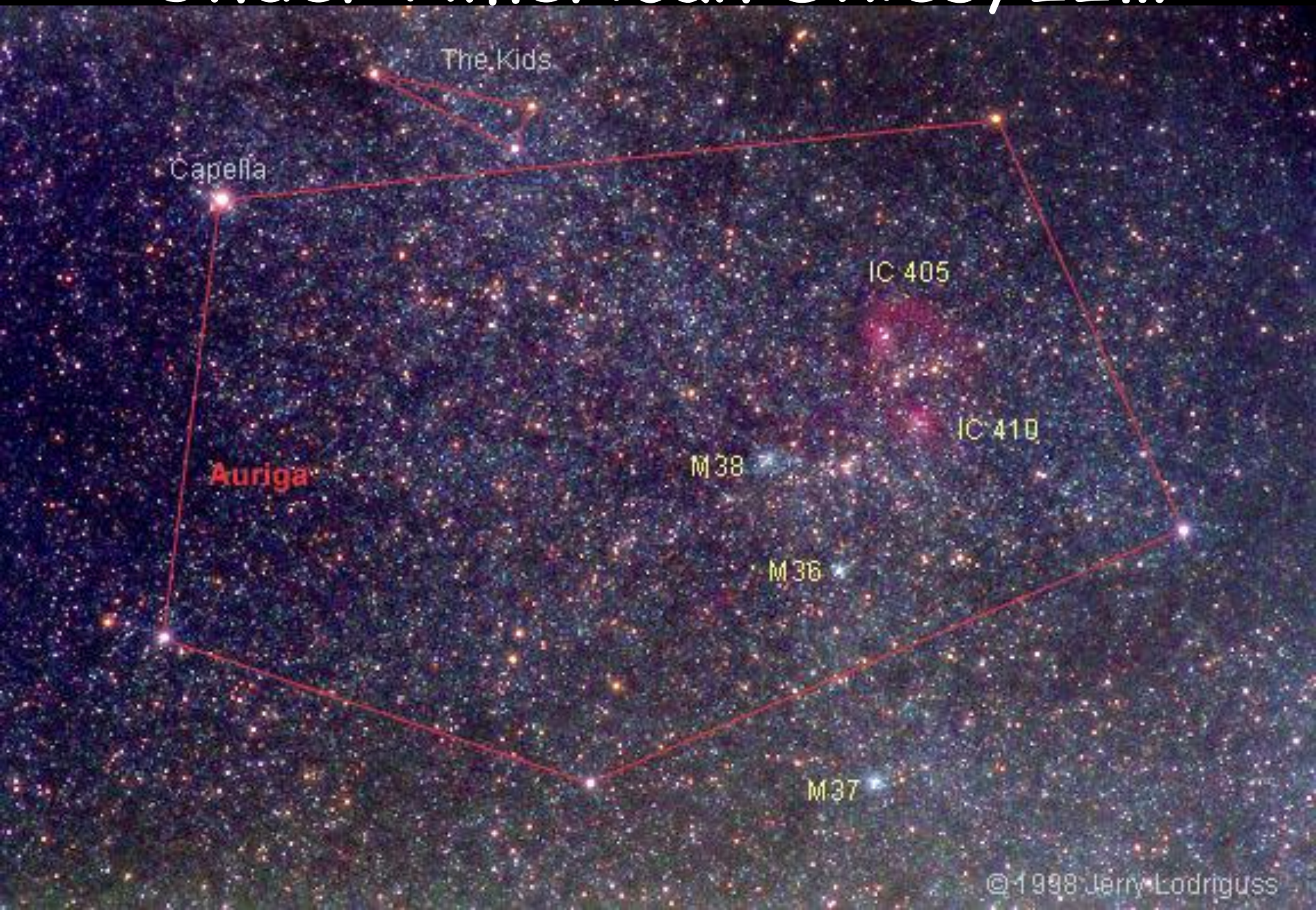


M38

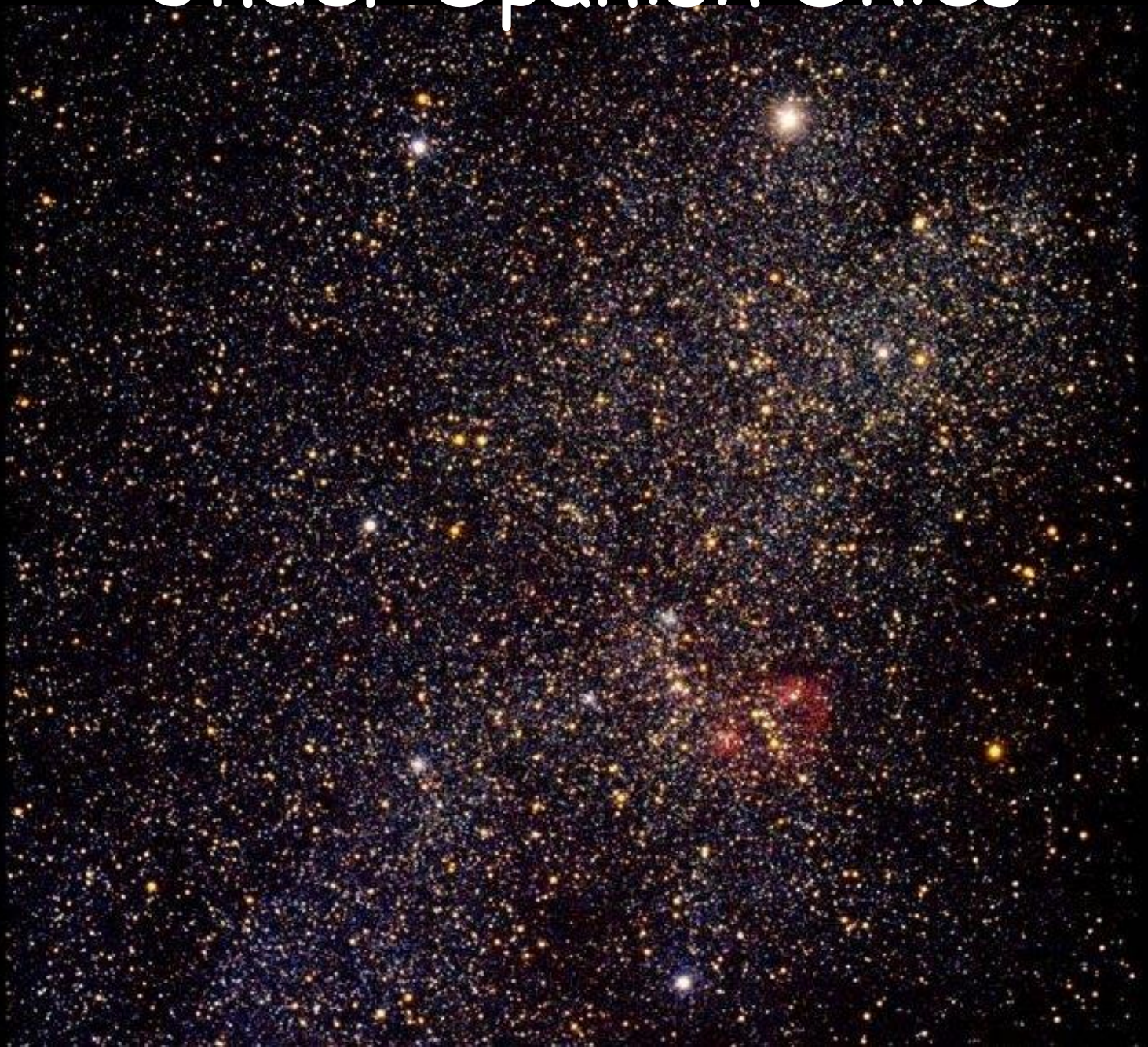


Nebulosity

Under American Skies, II...



Under Spanish Skies



IC405 & AE Aur



Close