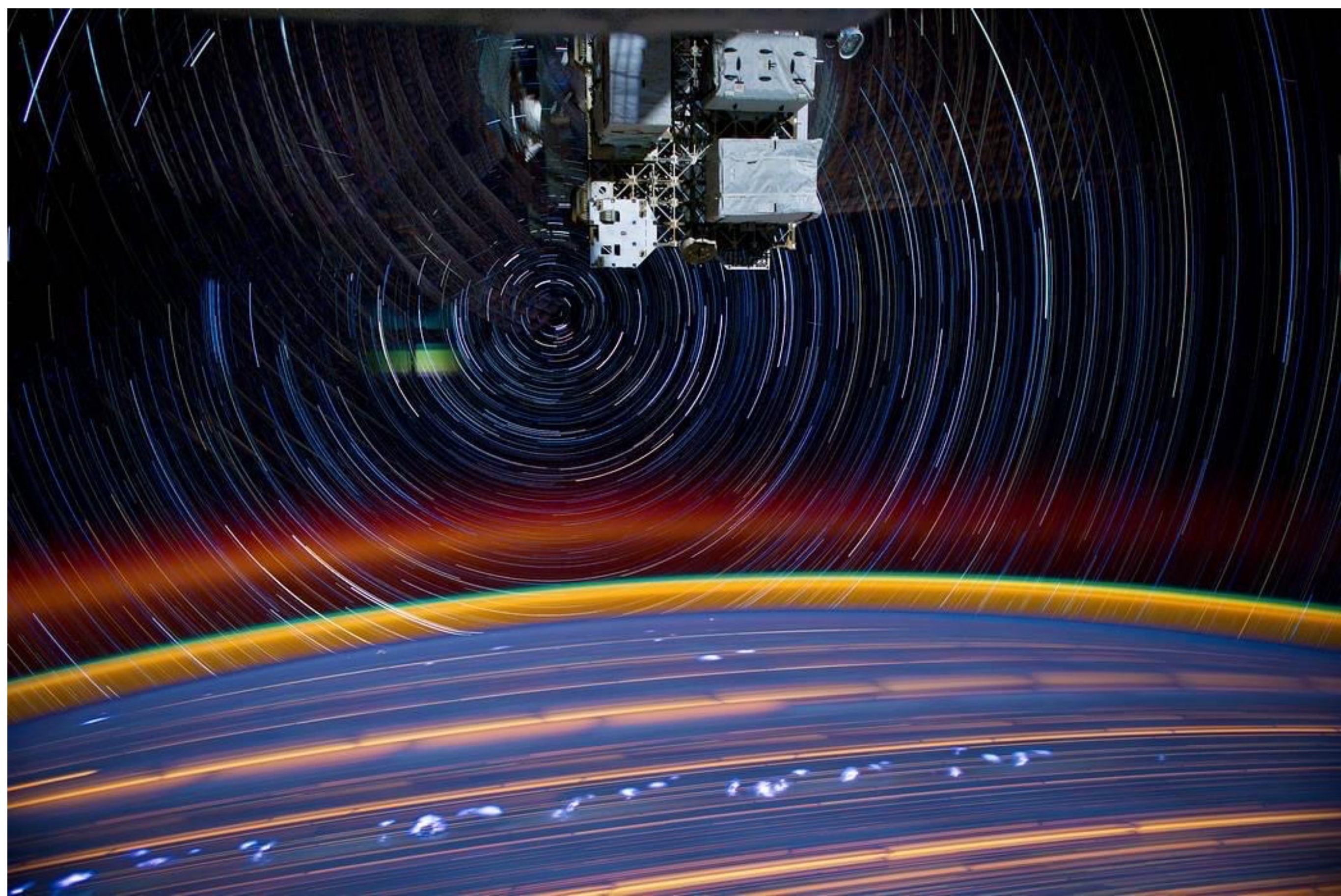


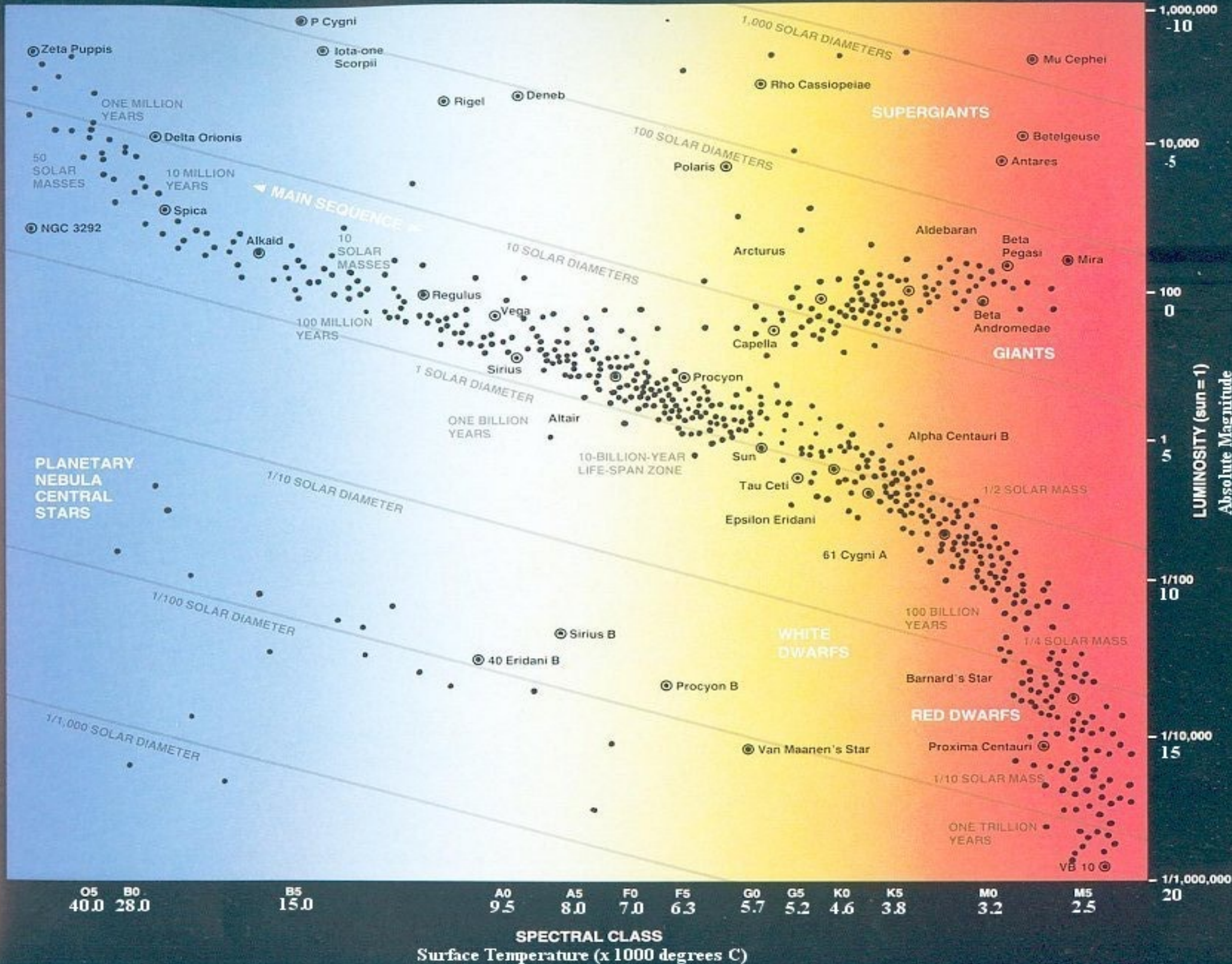


Star Trails over Tsé Bit'a'í (Shiprock)

Benjamin Huseman
TRAVEL PHOTOS

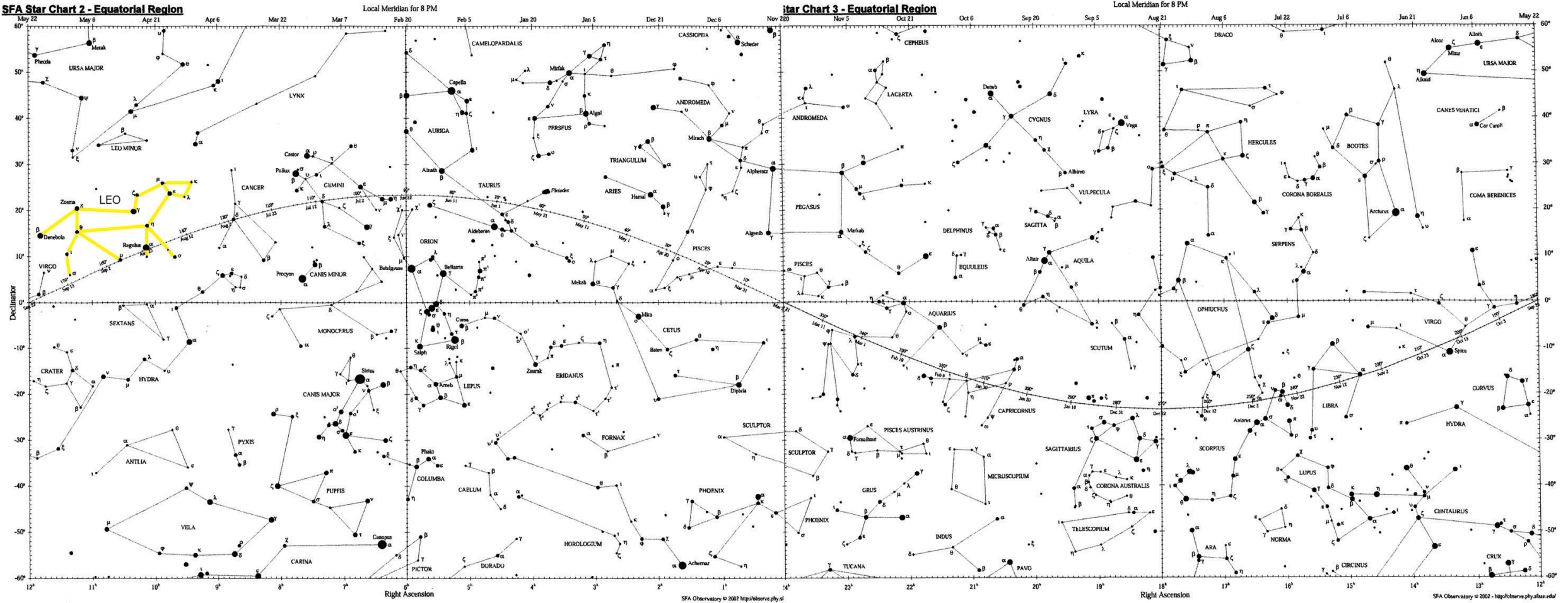


Star Trails from International Space Station

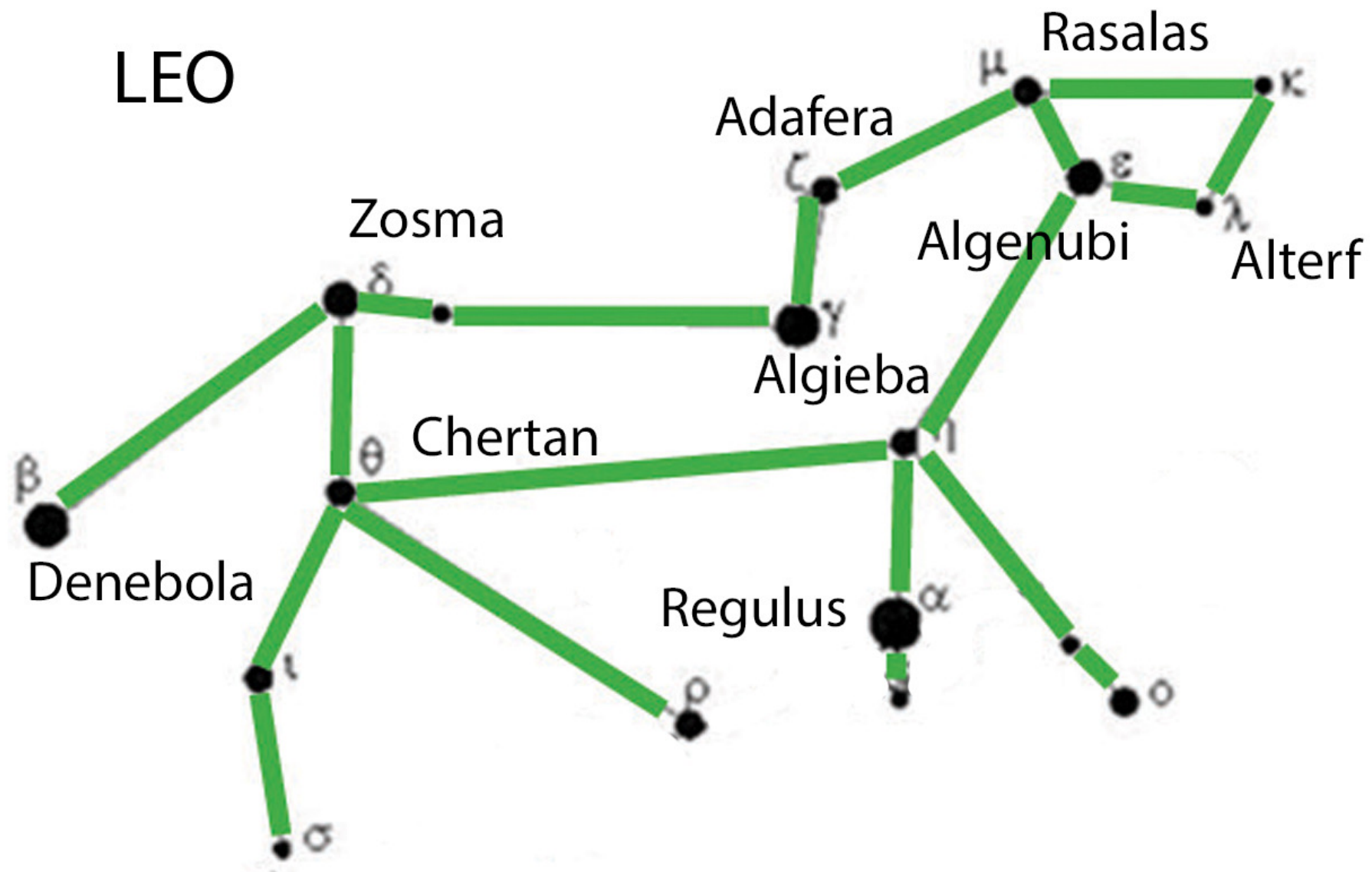


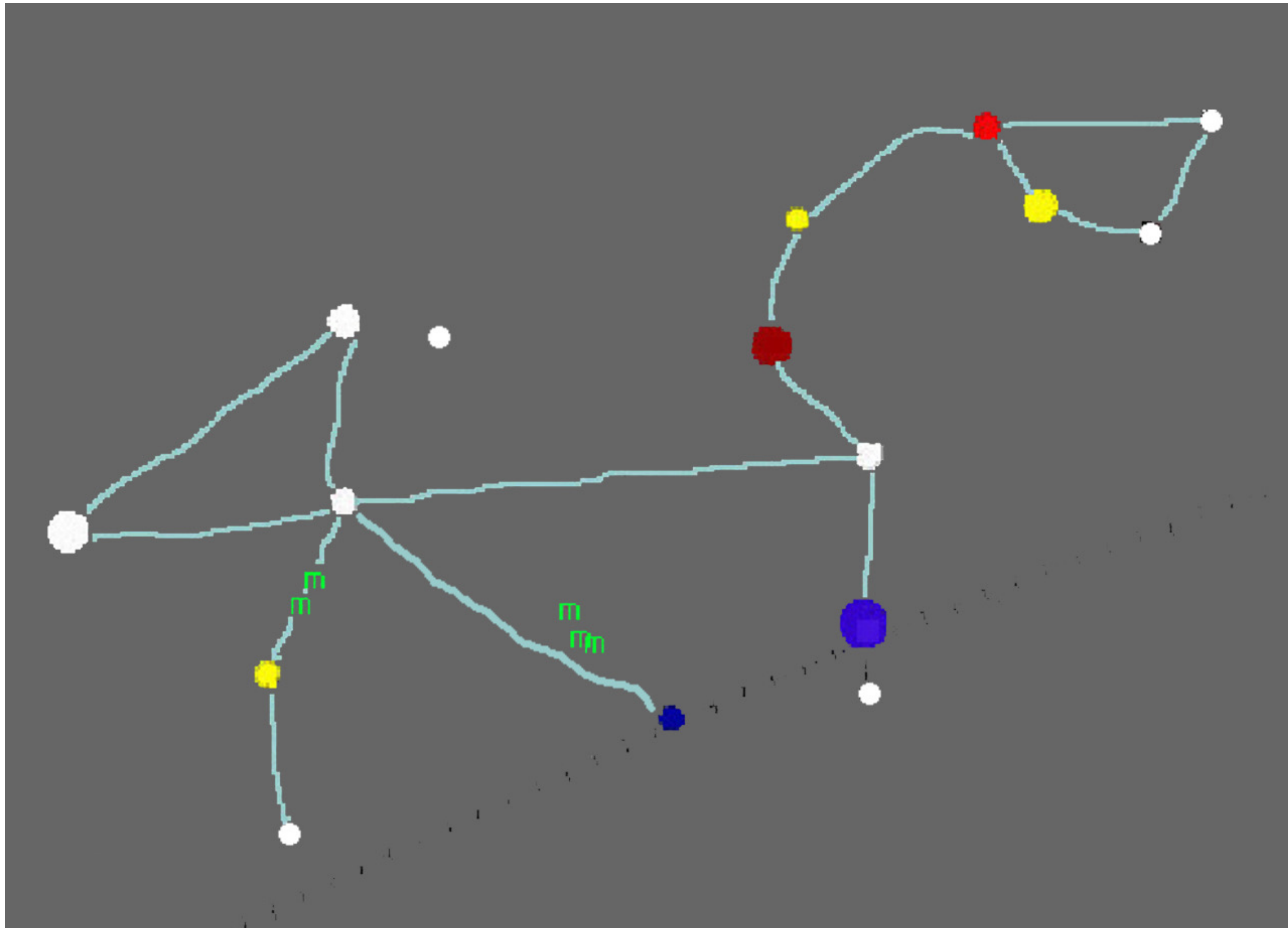
SFA Star Chart 2 - Equatorial Region

Star Chart 3 - Equatorial Region



LEO



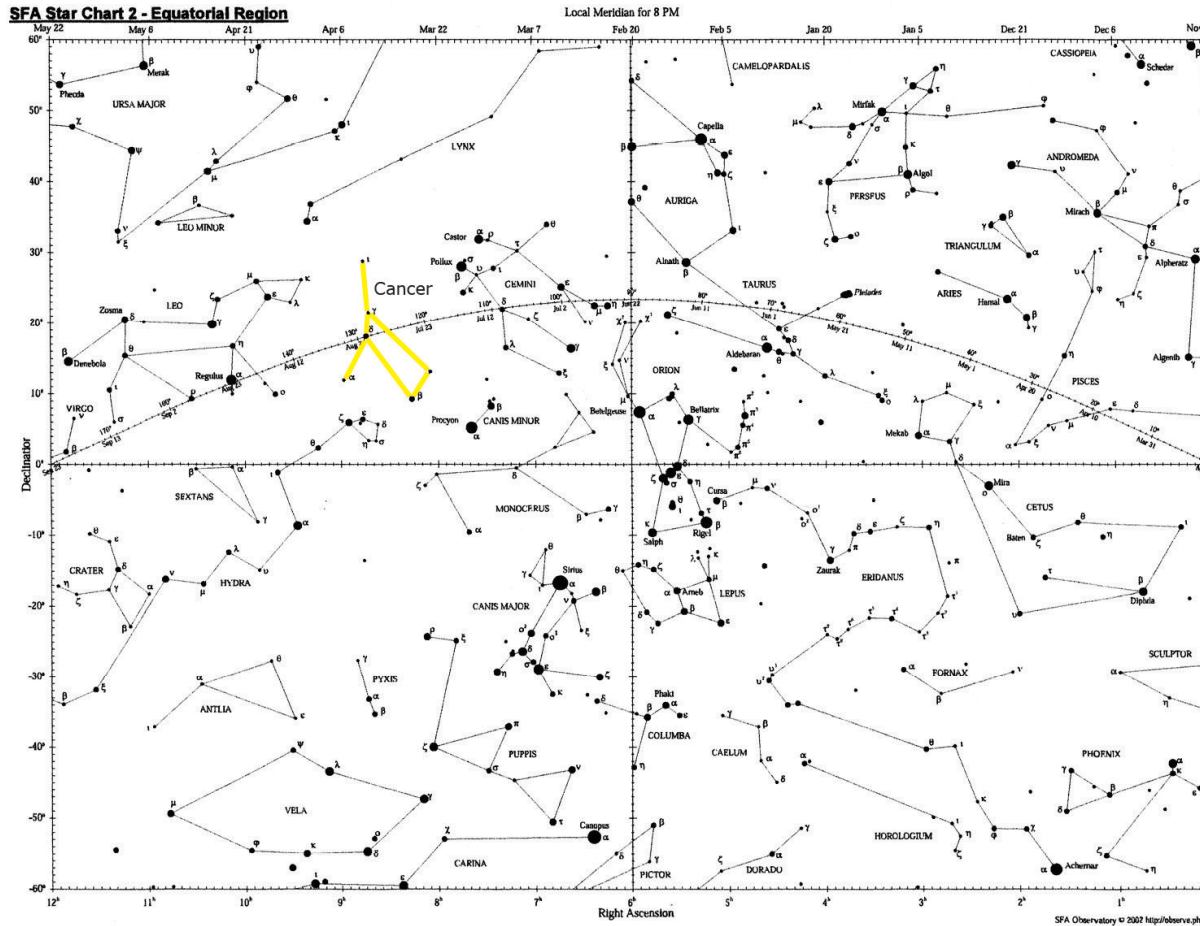




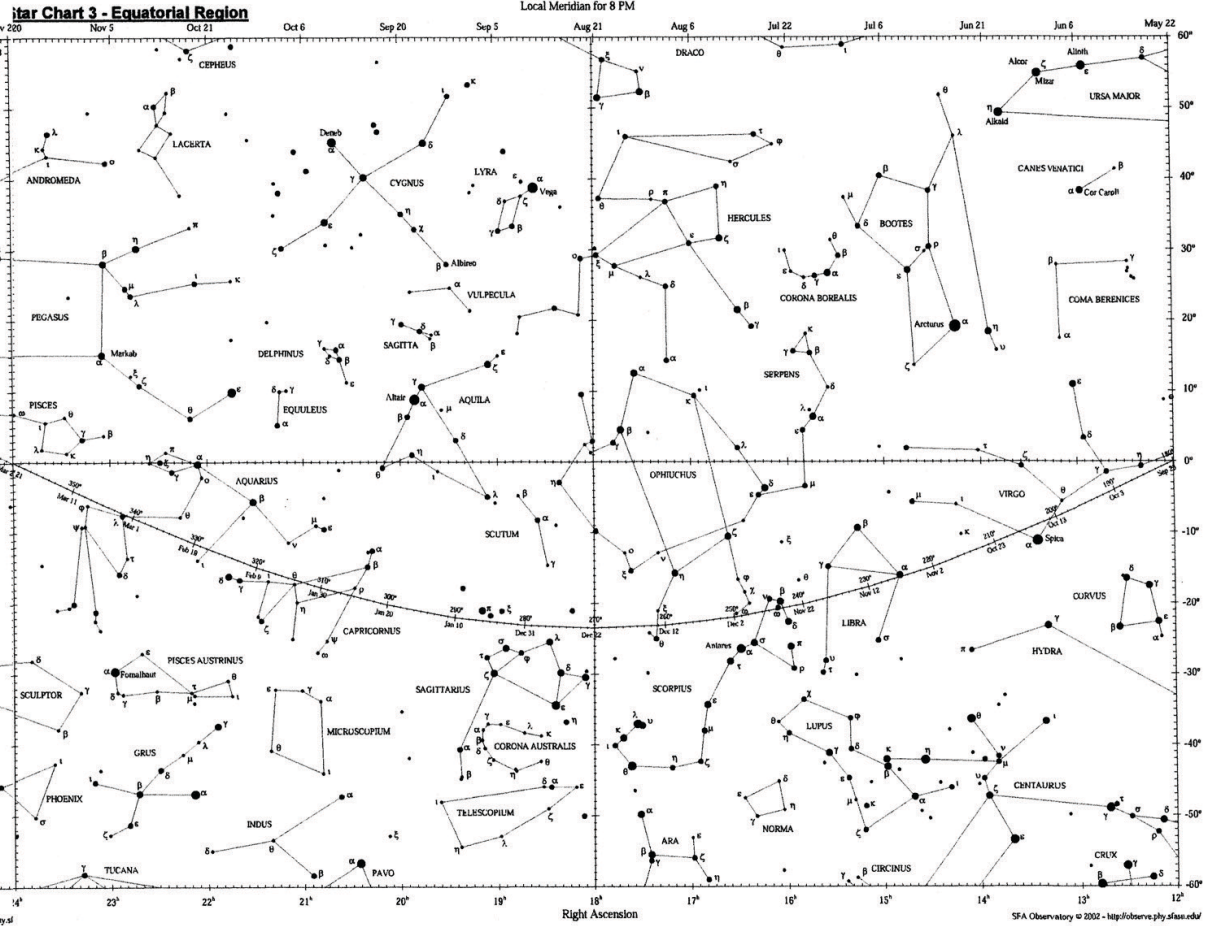
CW Leonis or IRC +10216

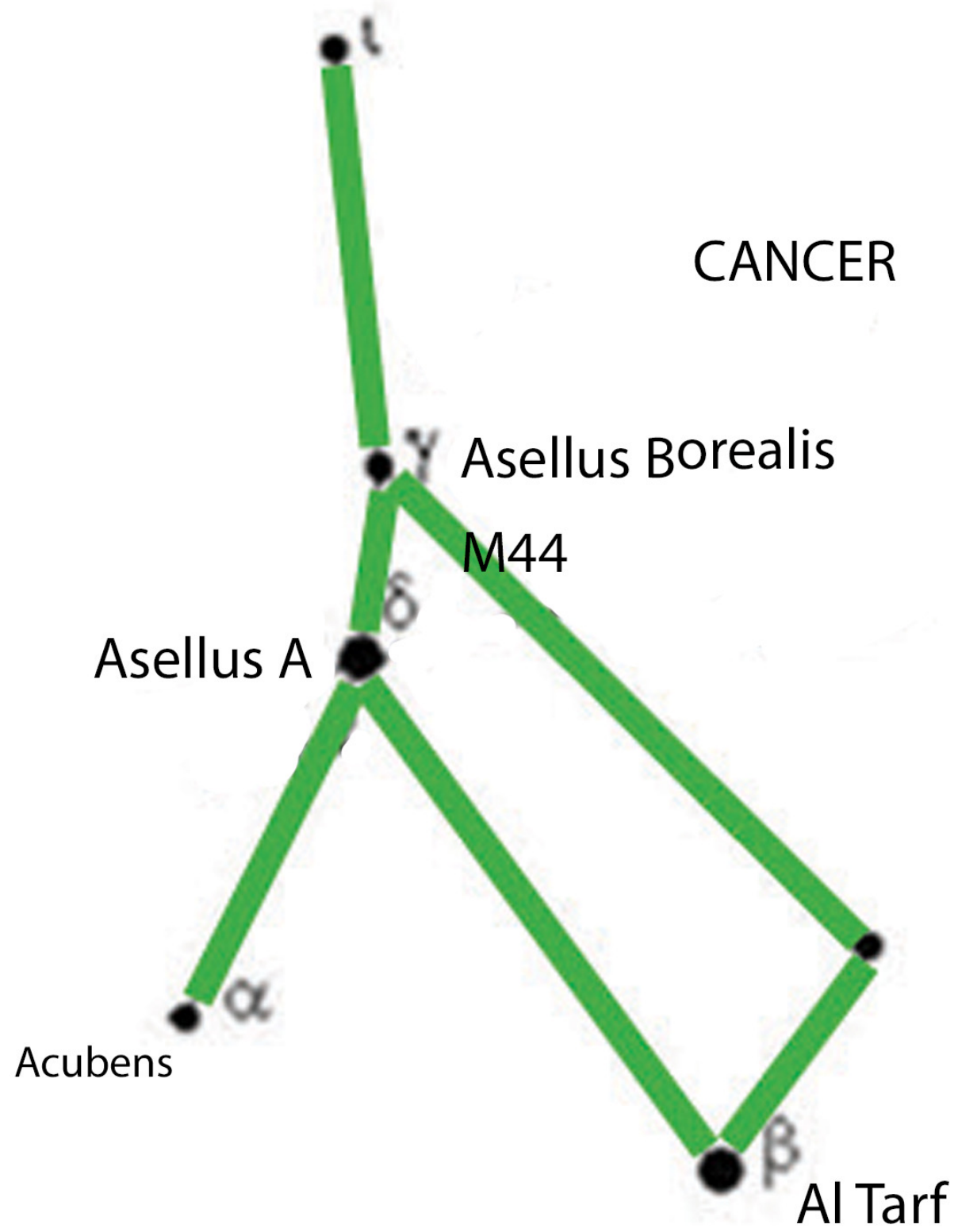
Closest Carbon (variable) star, with clouds of dust & gas
400 Lyrs away, Brightest object in IR

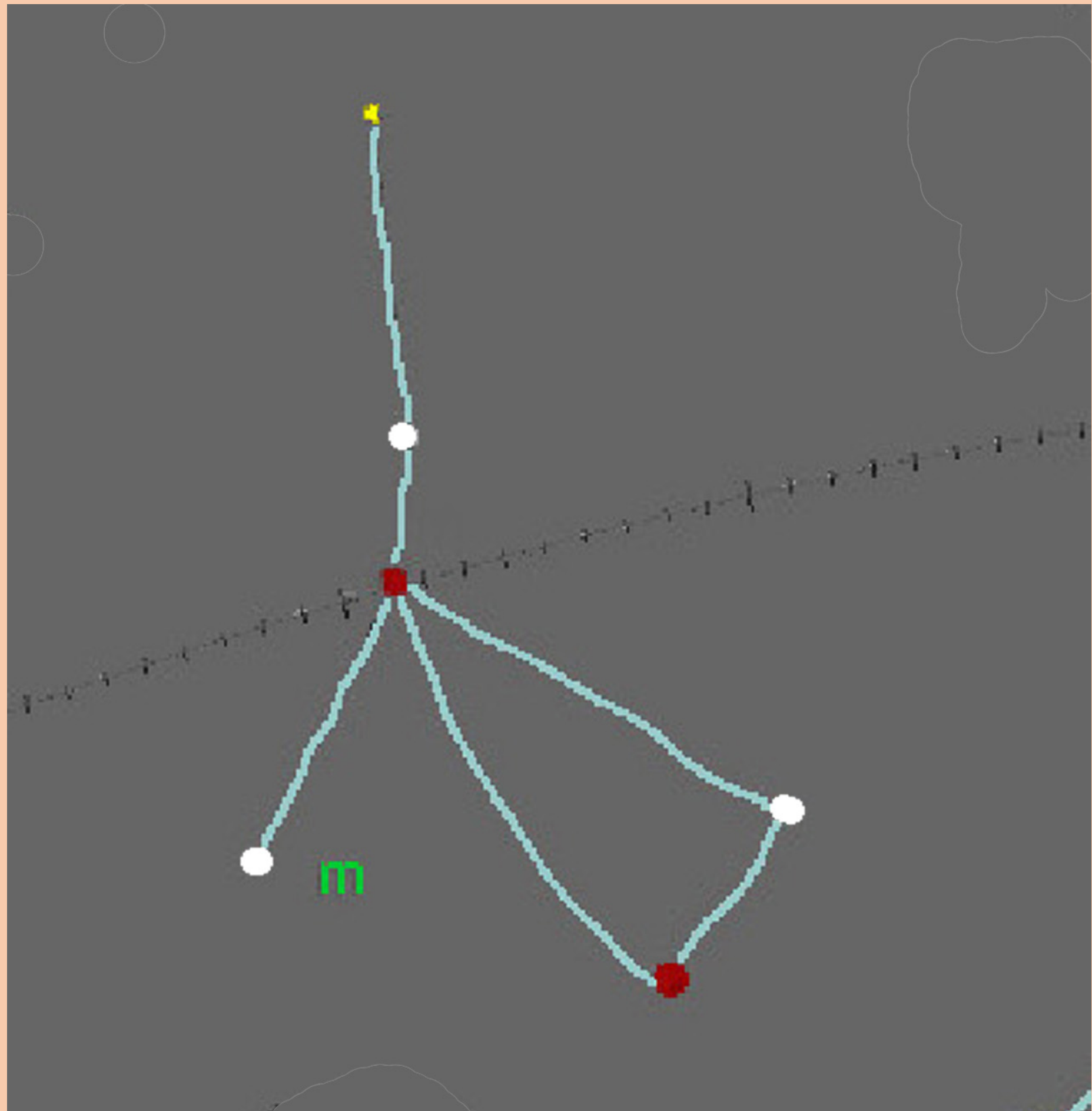
SFA Star Chart 2 - Equatorial Region



Star Chart 3 - Equatorial Region

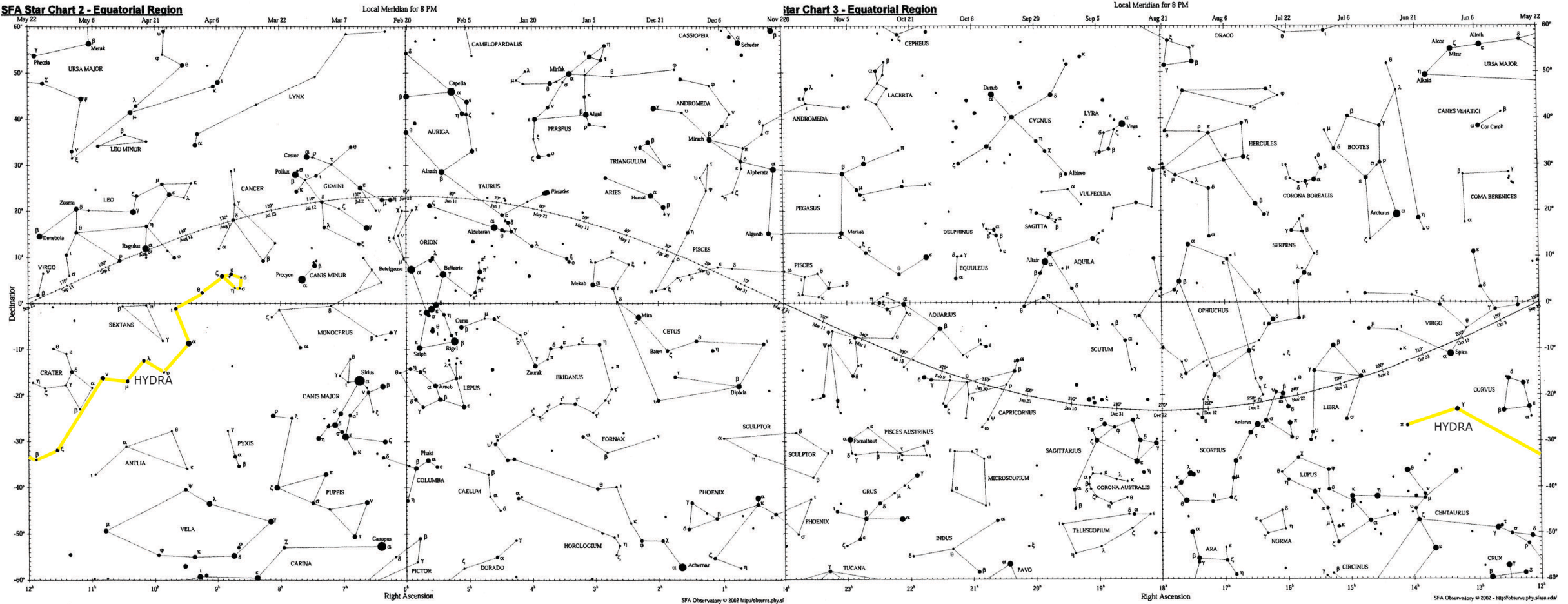




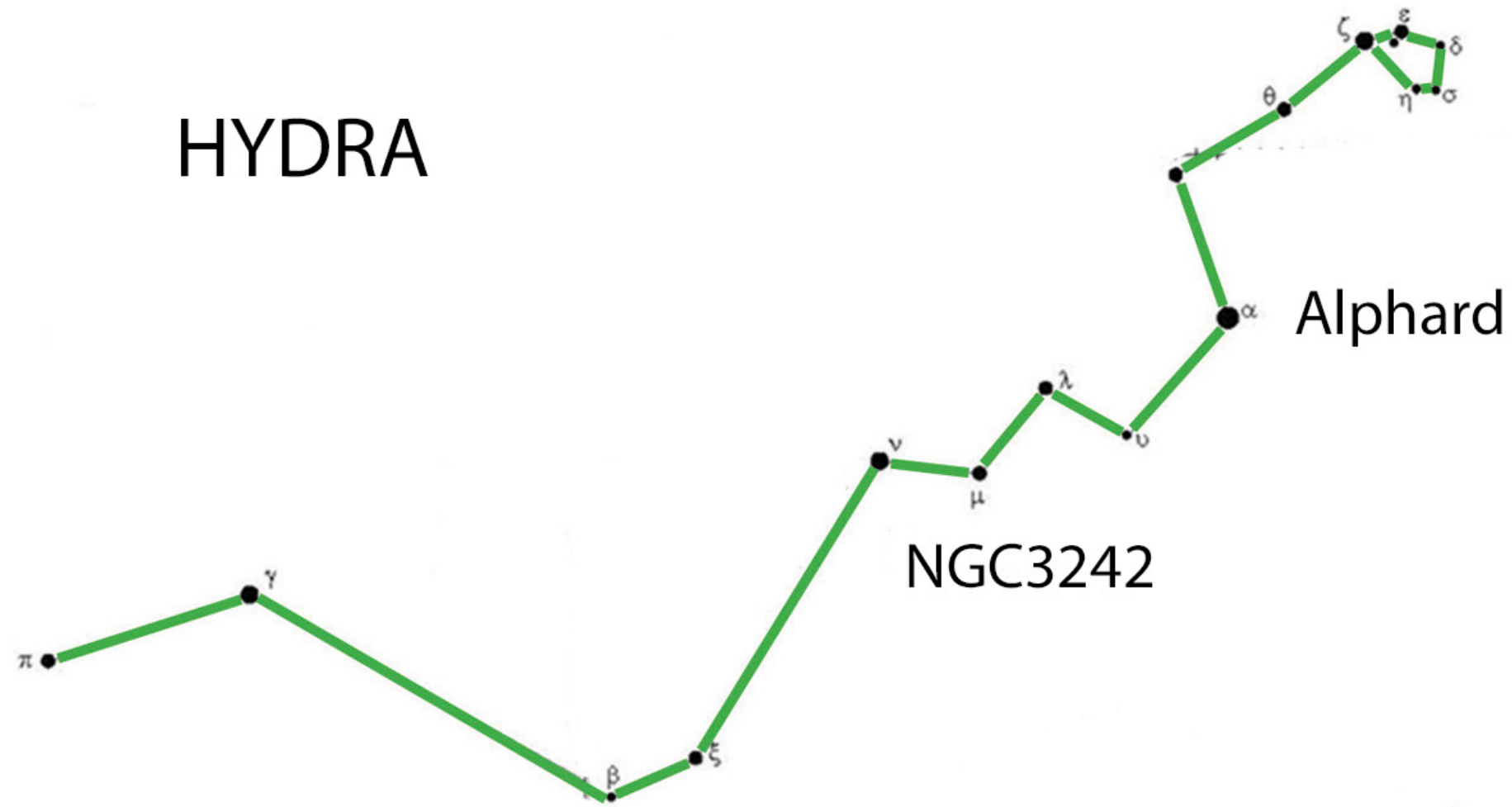


SFA Star Chart 2 - Equatorial Region

Star Chart 3 - Equatorial Region

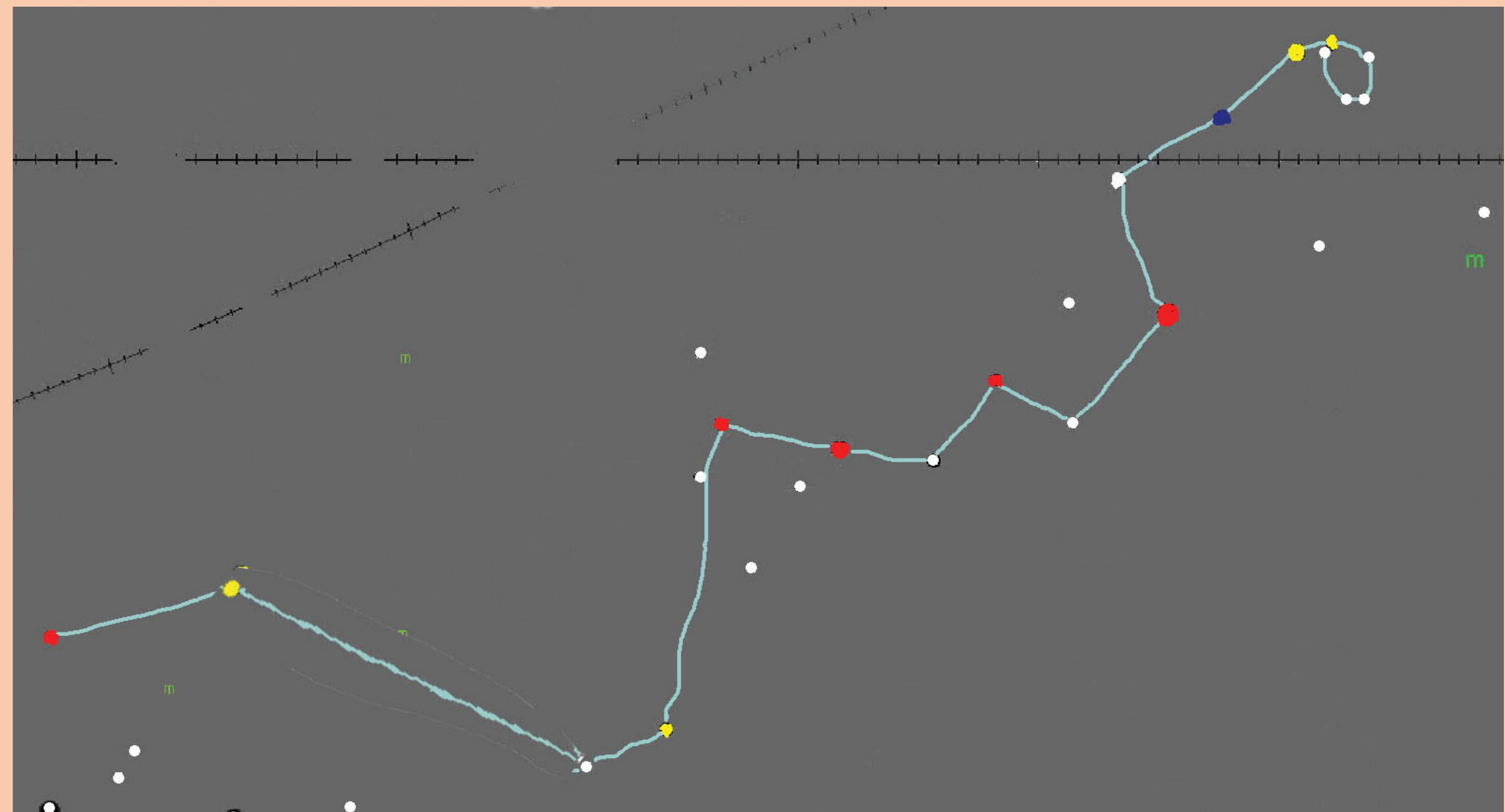


HYDRA

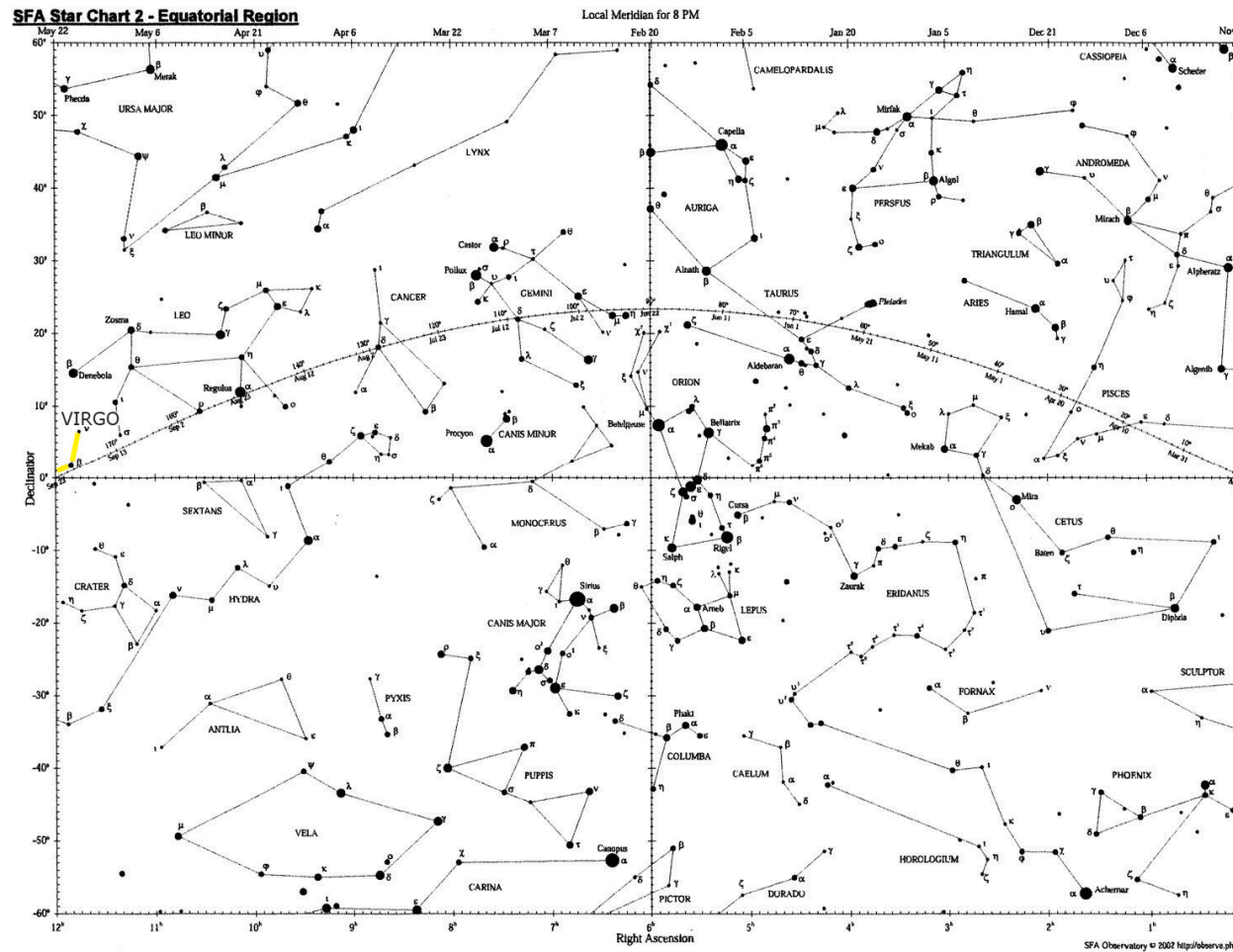


Alphard

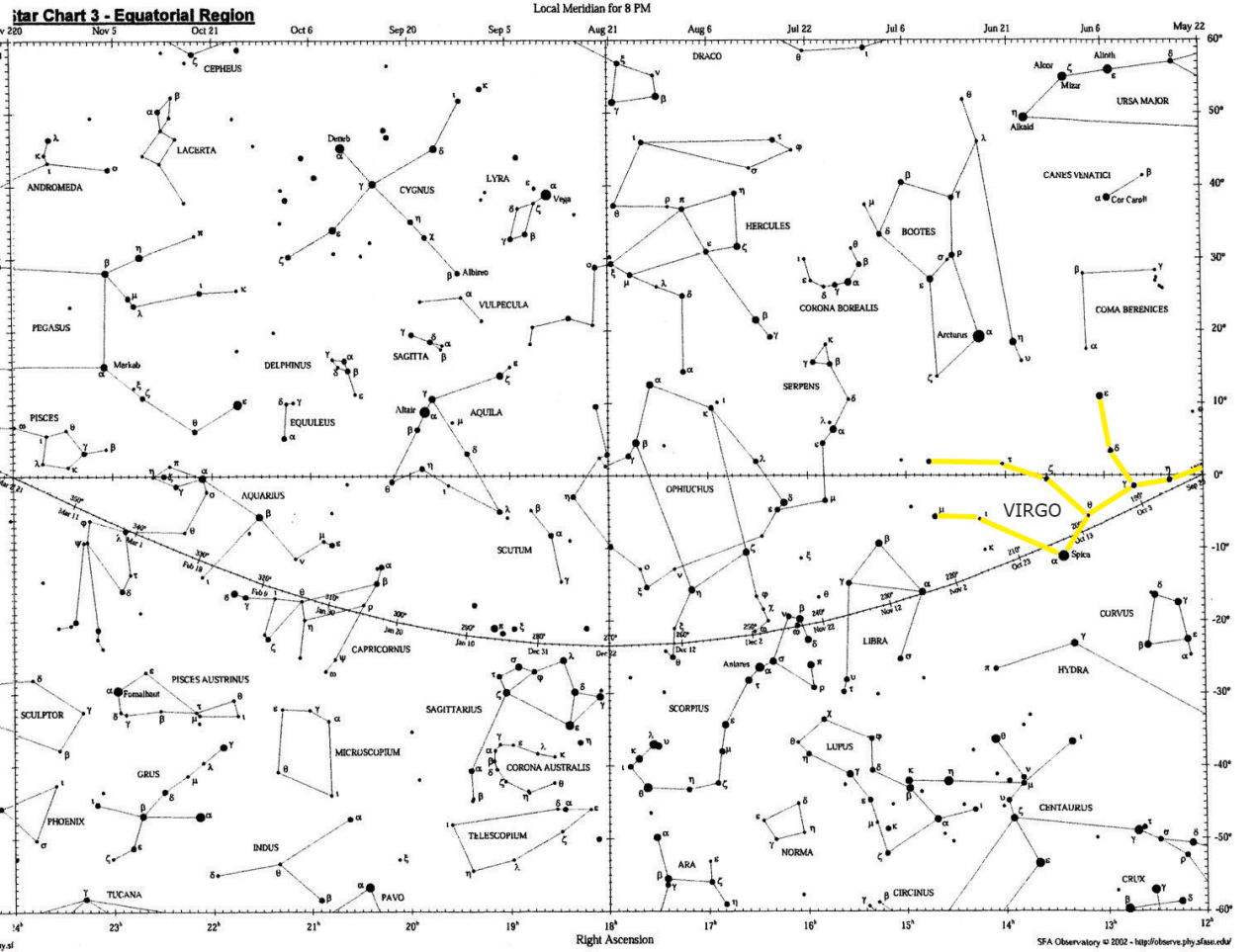
NGC3242



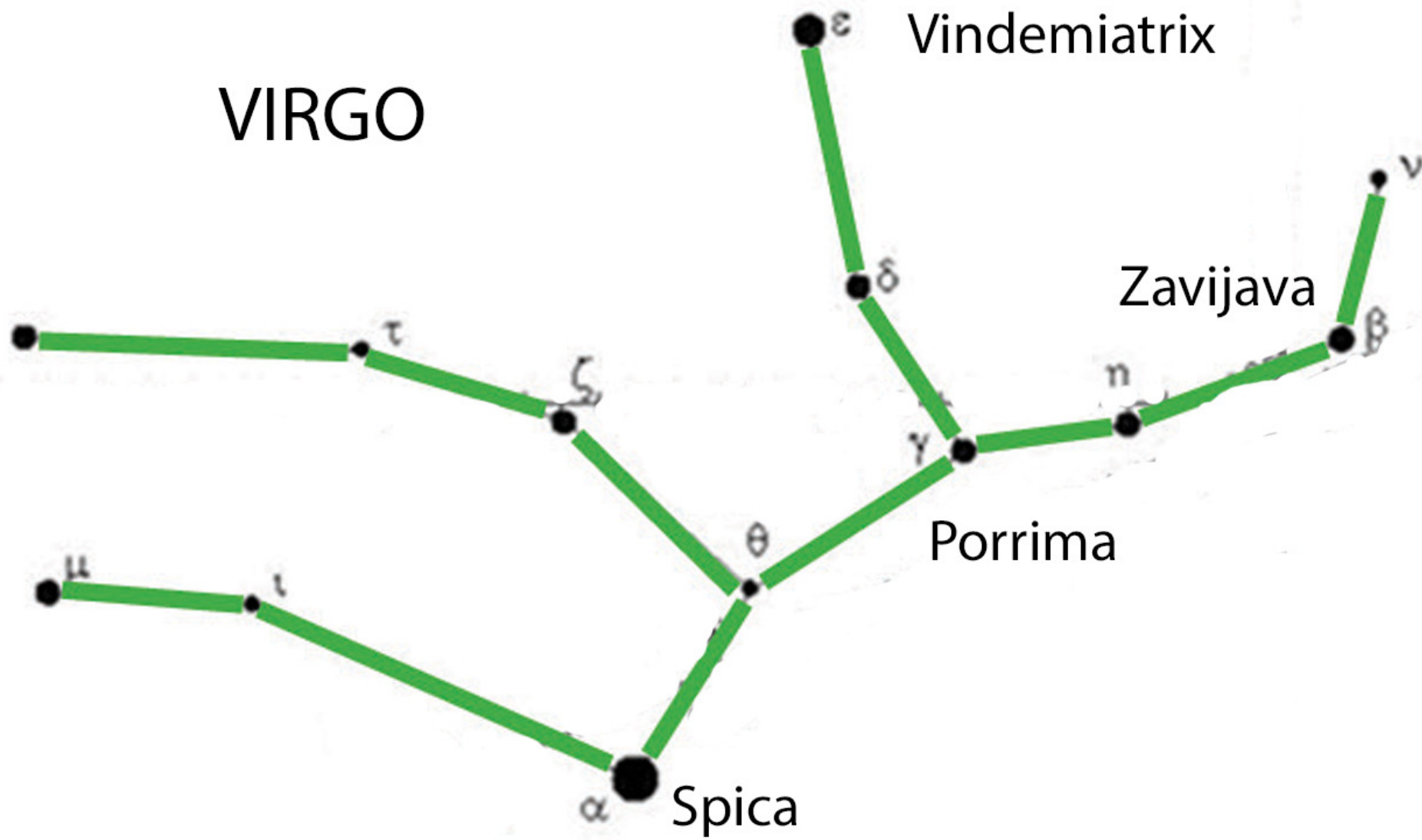
SFA Star Chart 2 - Equatorial Region

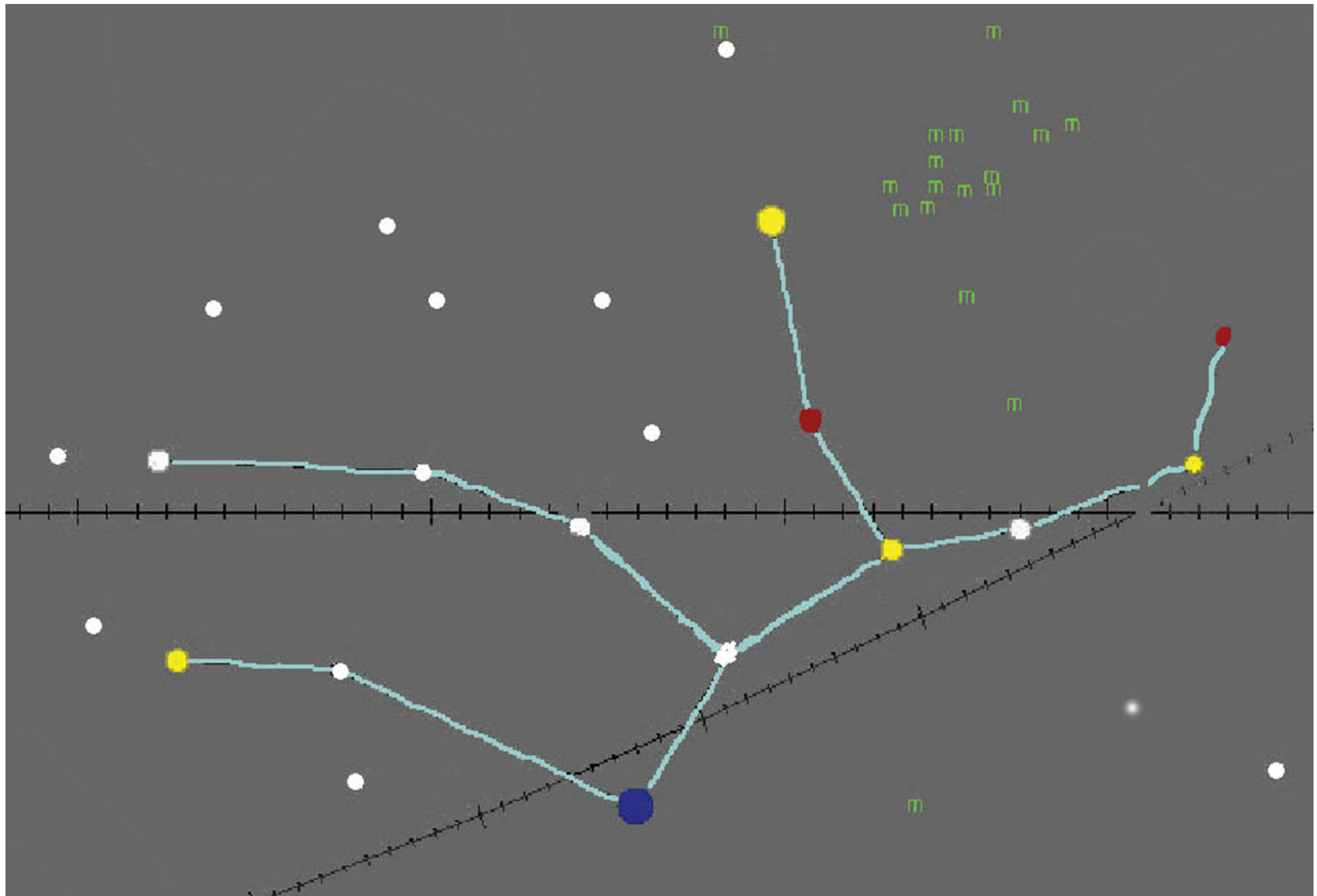


Star Chart 3 - Equatorial Region

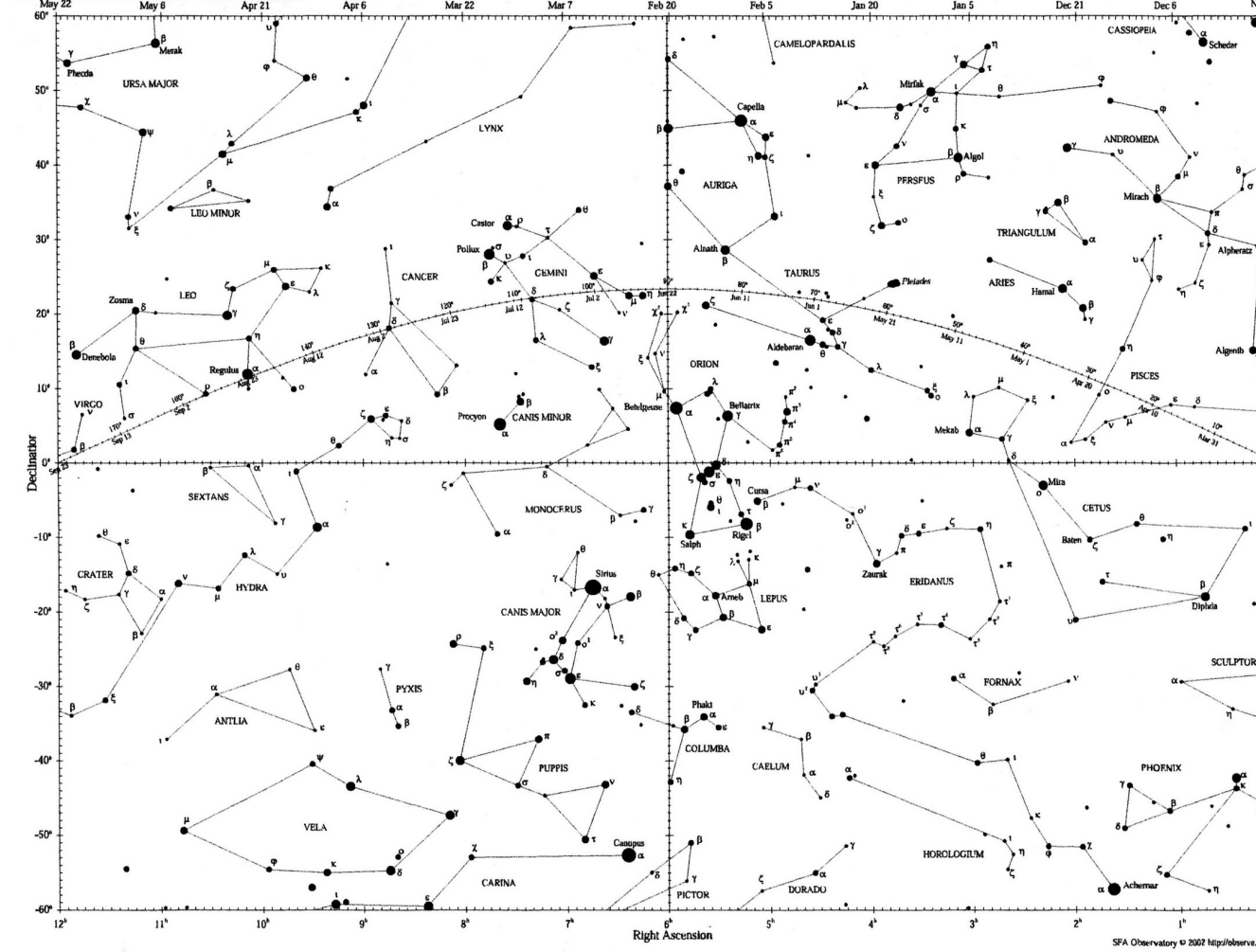


VIRGO

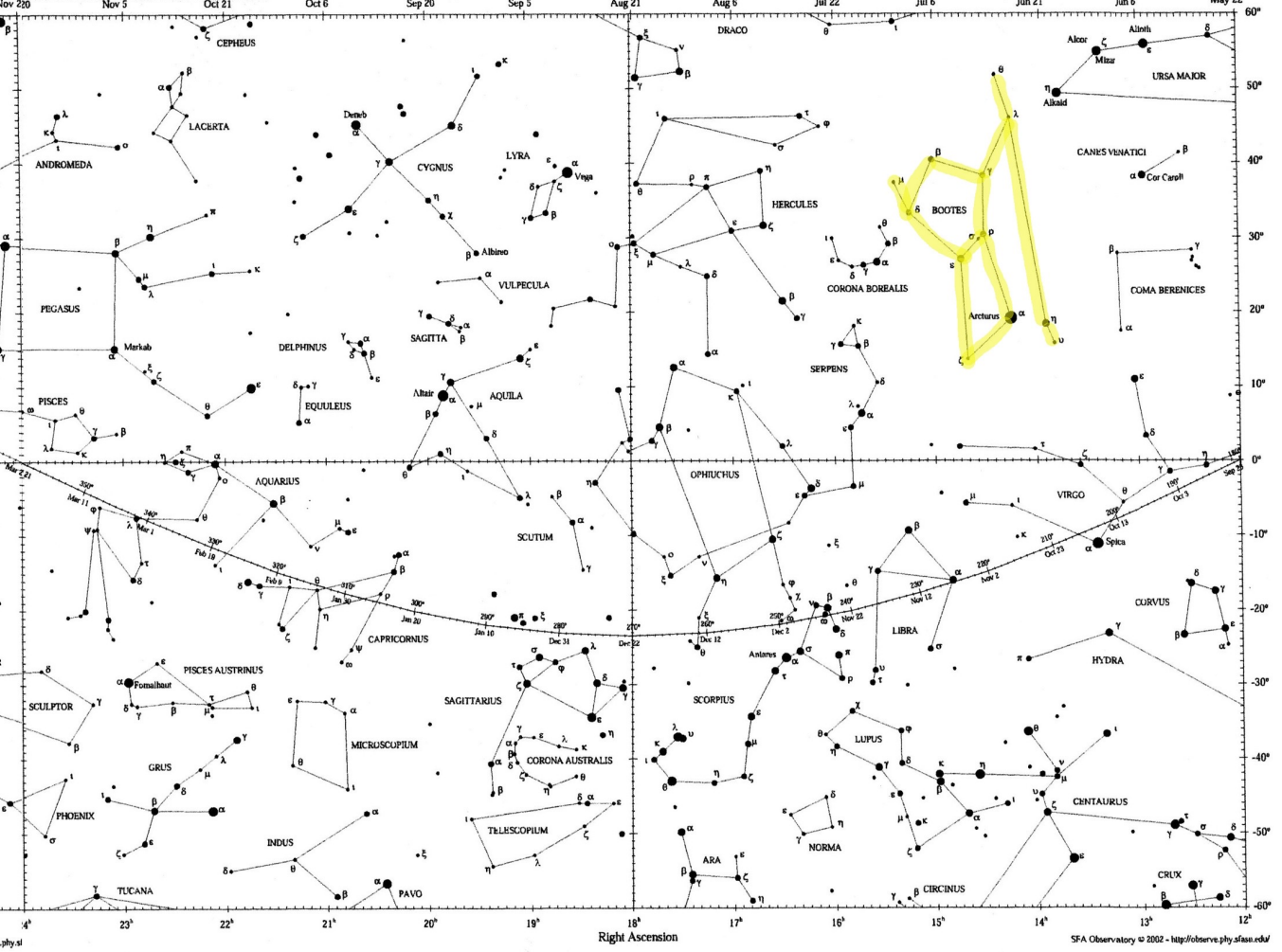




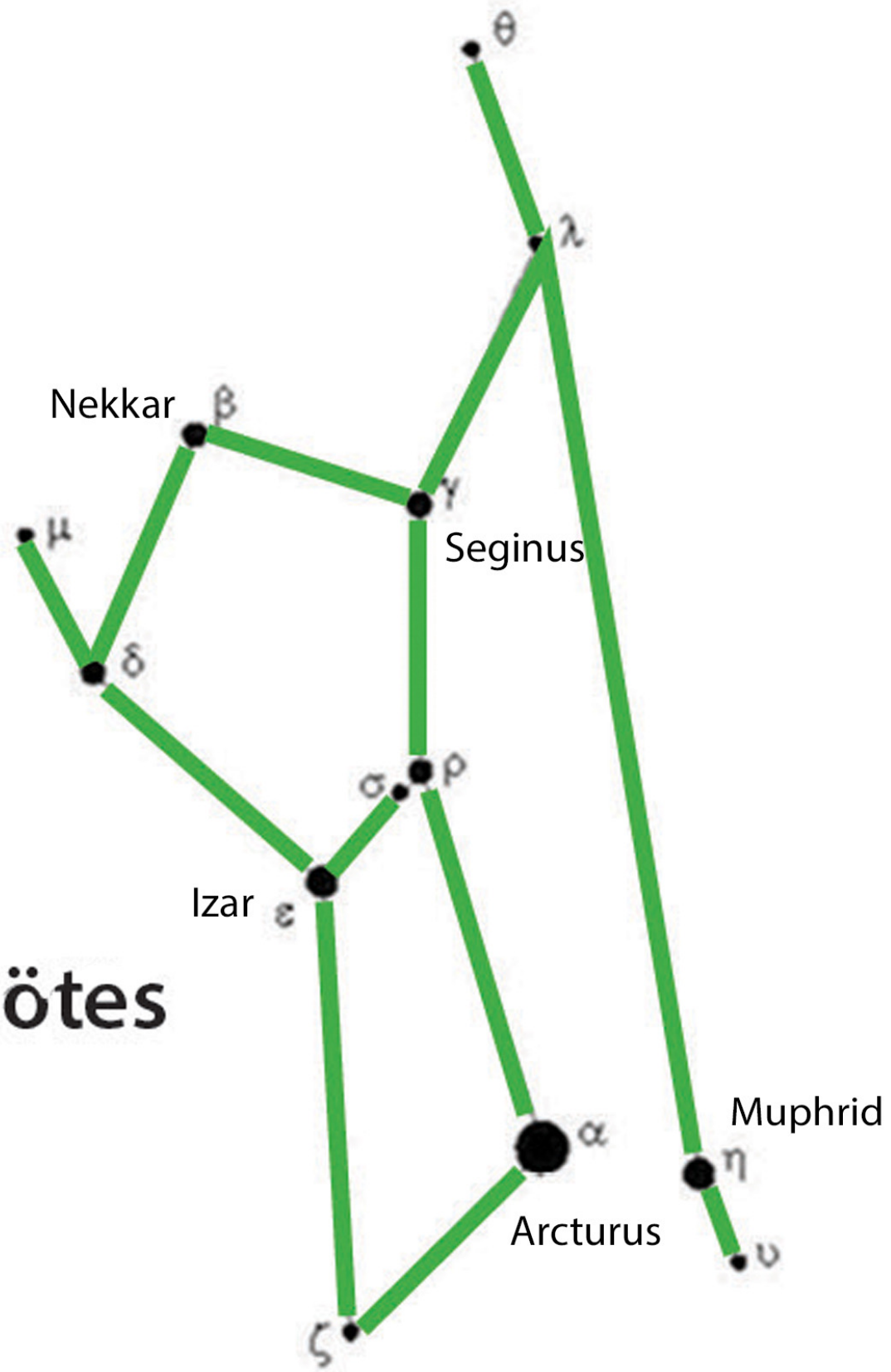
SFA Star Chart 2 - Equatorial Region

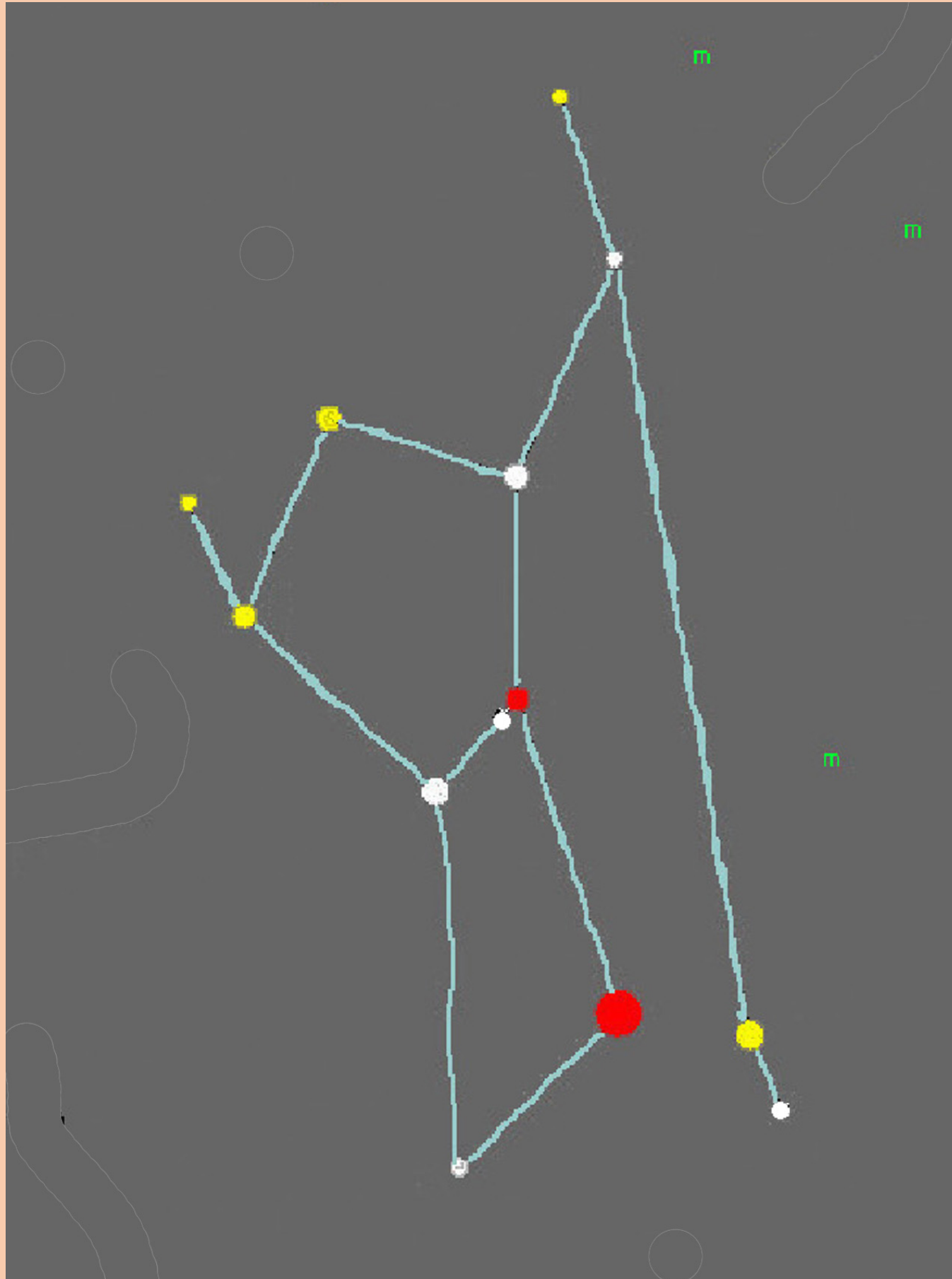


Star Chart 3 - Equatorial Region



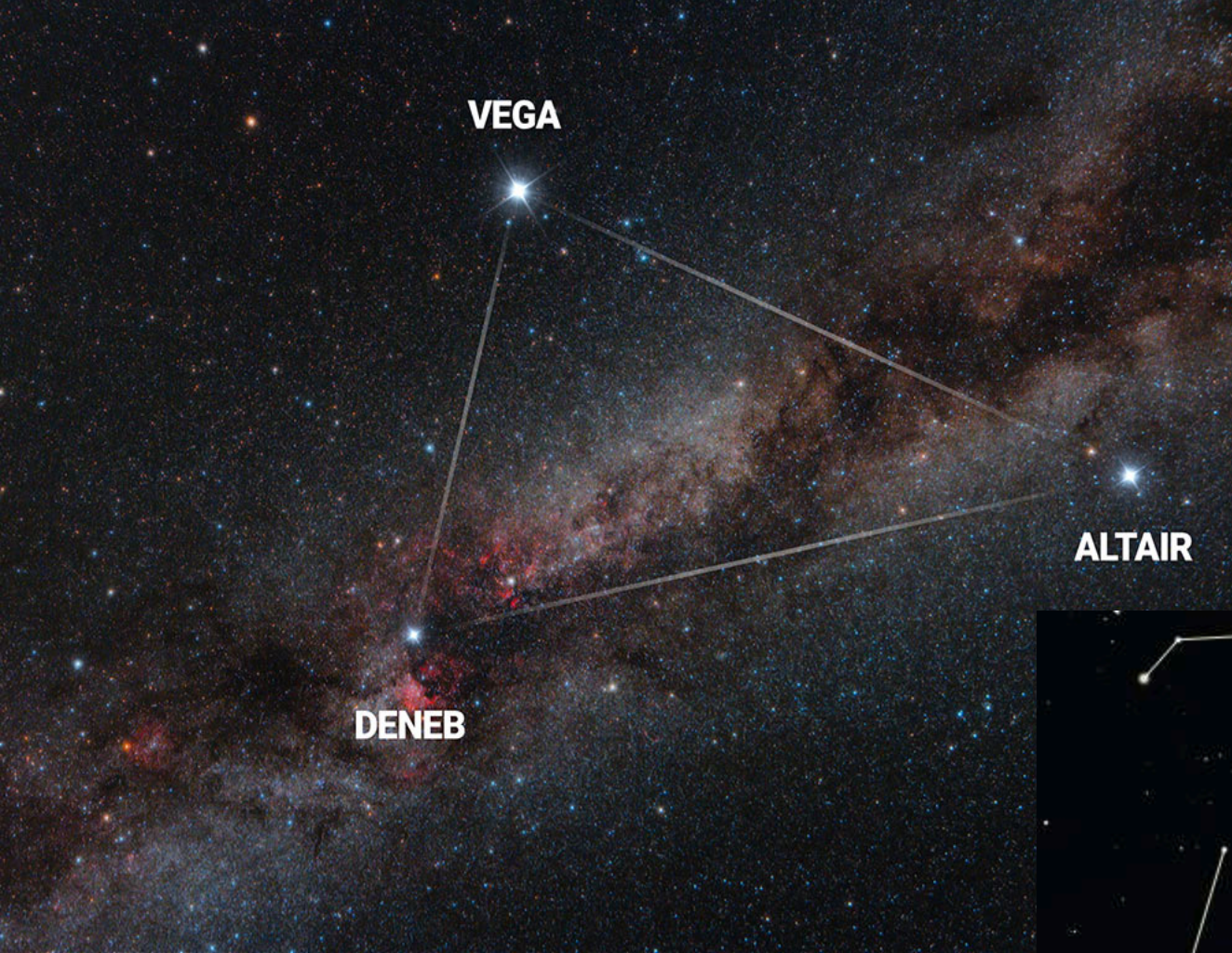
Boötes







ASTERISM



THE SUMMER TRIANGLE

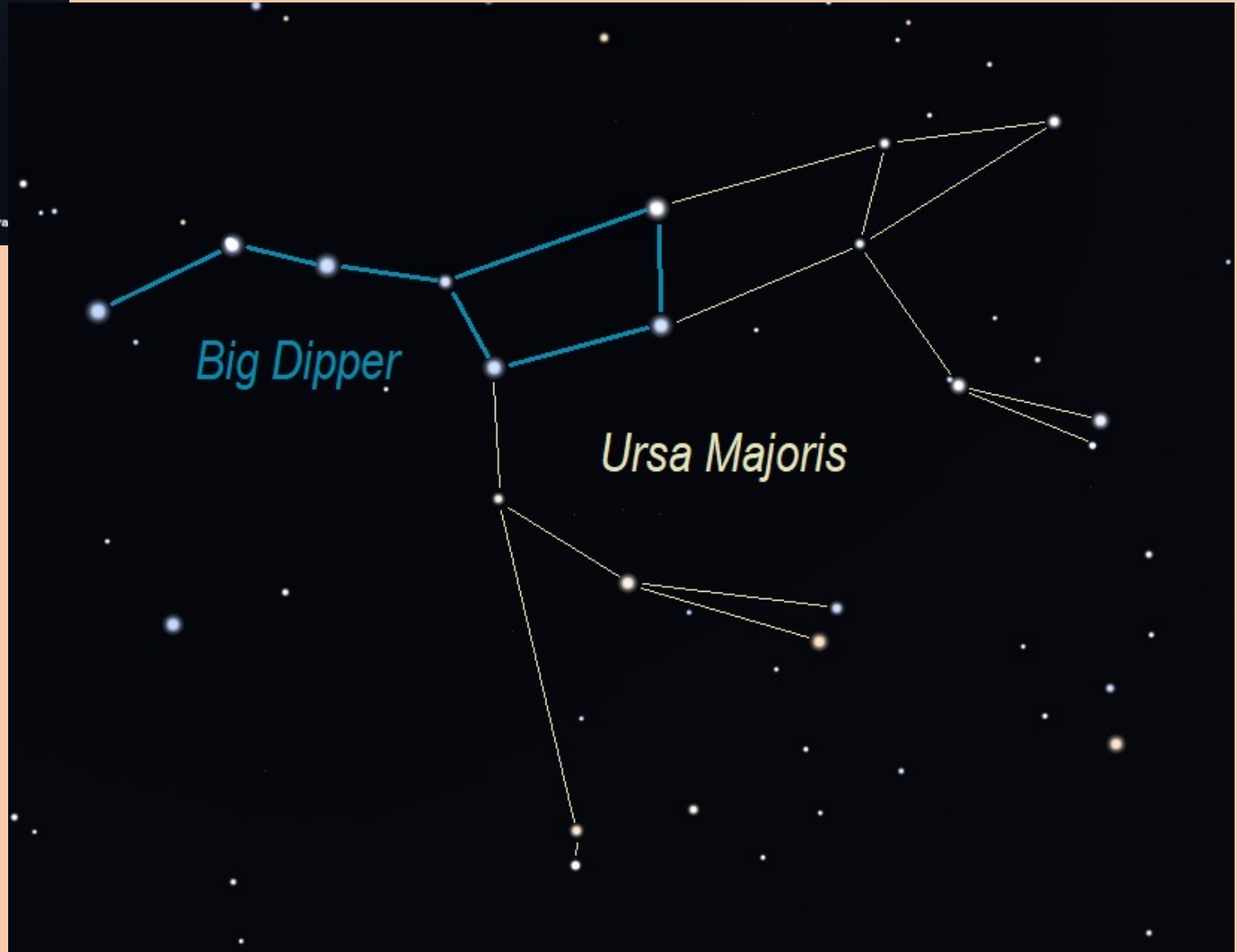
The Winter Hexagon





CONSTELLATION LEO

astrobackya



M E S S I E R O B J E C T S

NGC Objects

Charles Messier; French astronomer, teacher 1730-1817

“Catalogue” of non-cometary space objects

Nebulae, Galaxies, Star Clusters, Planetary nebulae, etc

Originally contained 45 objects

Expanded to 110 objects

39 Galaxies, 4 planetary nebulae, 7 other nebulae, 55 star clusters

M44	Cancer; Open Star Cluster	Beehive Cluster, Manger
M45	Taurus; Open Cluster	Pleiades
M3, M53	Near Boötes; Globular Cluster	No proper names

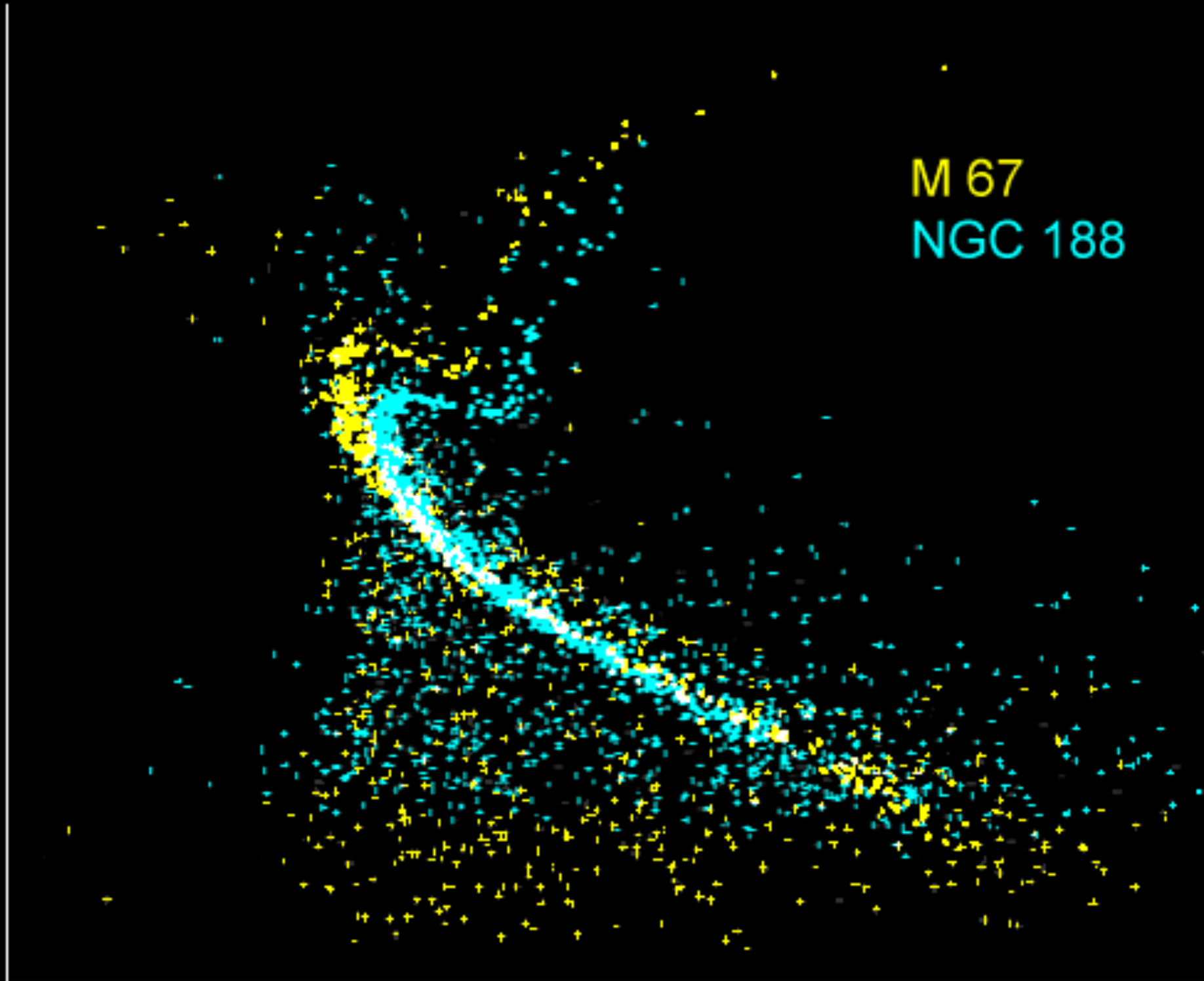


Open Star Clusters



M11 (NGC 6705) Open Cluster
The Wild Duck
in Scutum

← Absolute magnitude



M 67
NGC 188

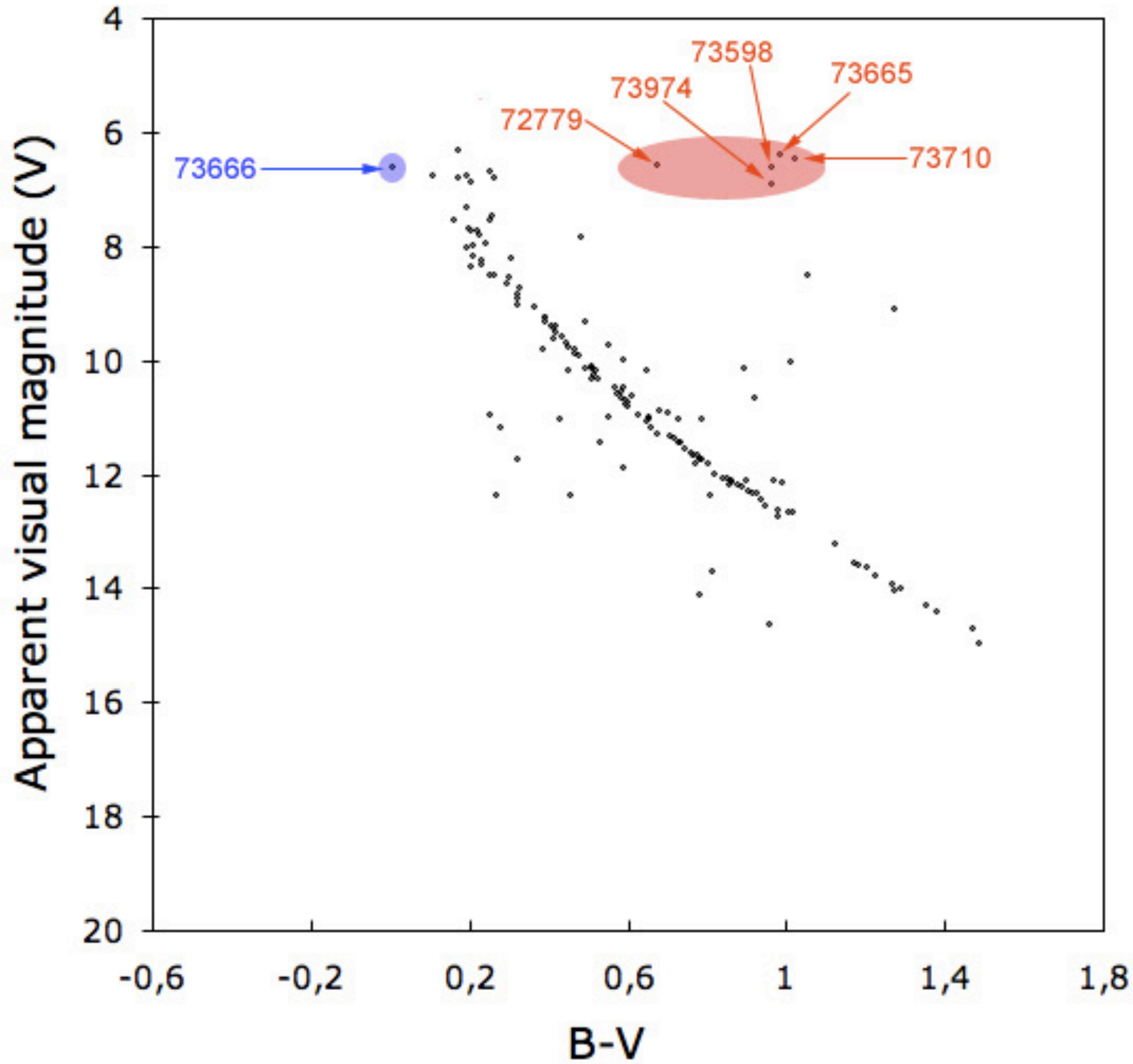
← Temperature

HR (CM)
diagram
of
2 Open
Clusters



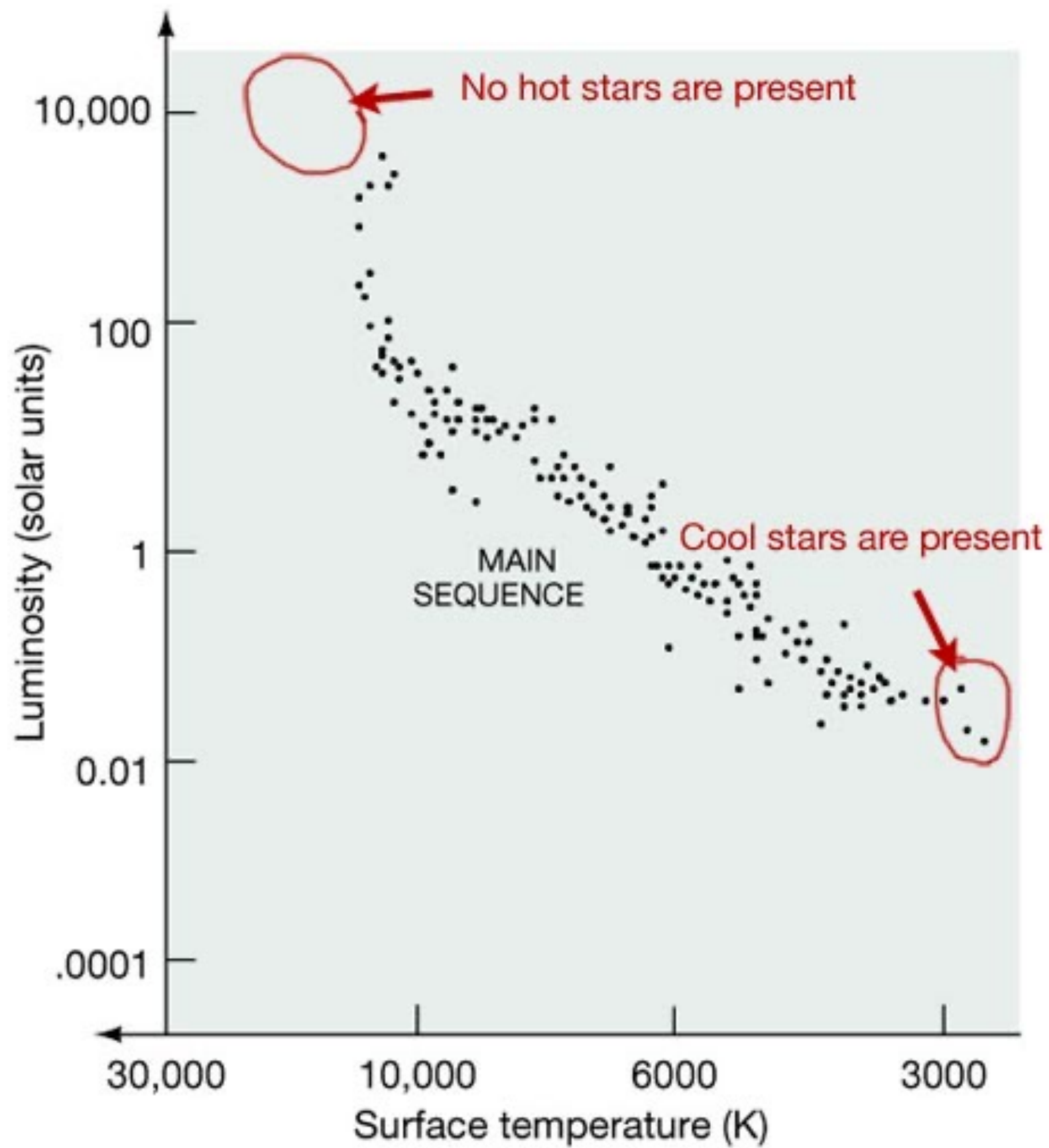
M 44

Color magnitude diagram Praesepe (M44)





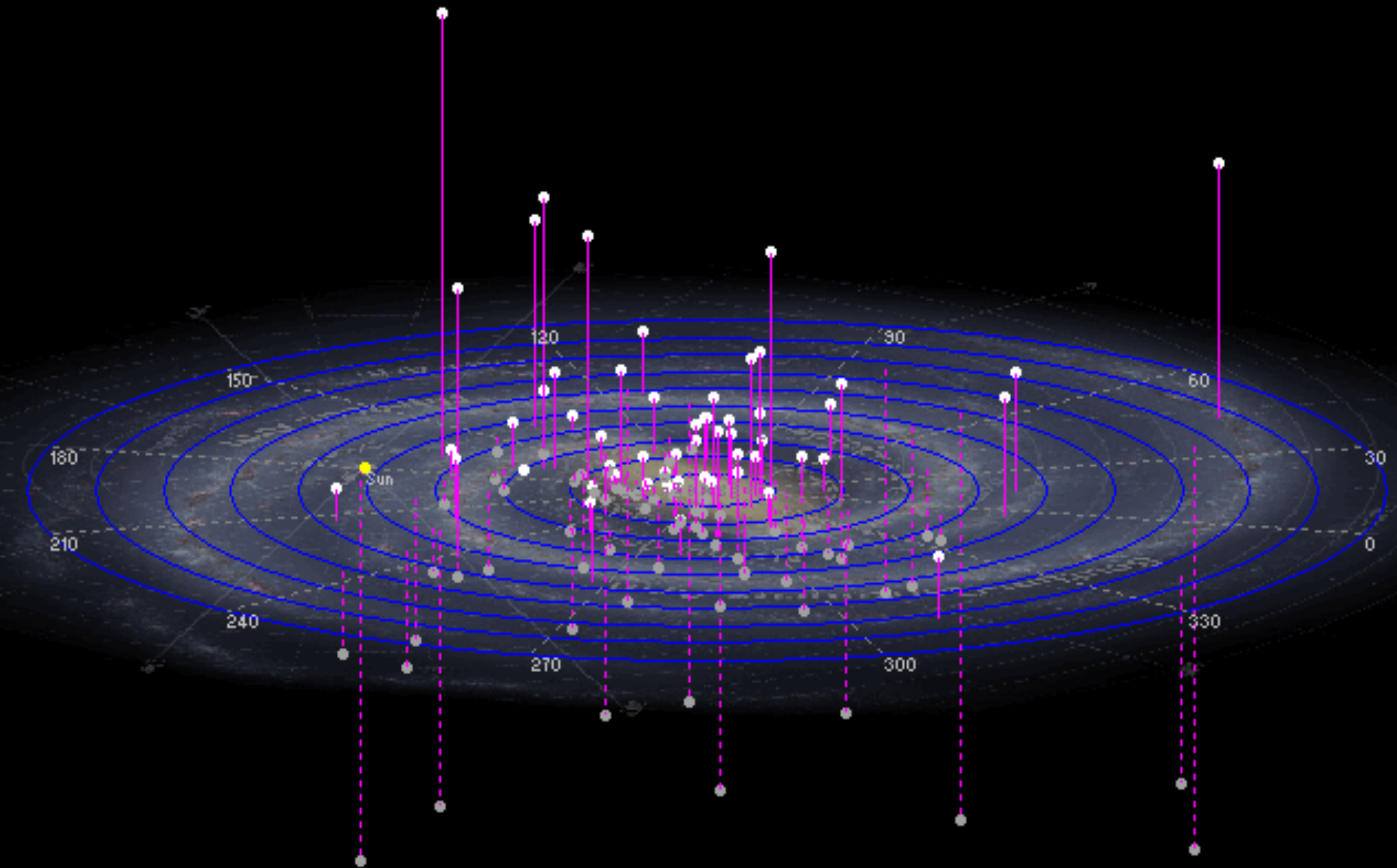
M45
Pleiades
Open Star
Cluster



The 119 globular clusters within 50,000 LY of the galactic centre

Galactic centric (galactic longitude and latitude)

5,000 LY

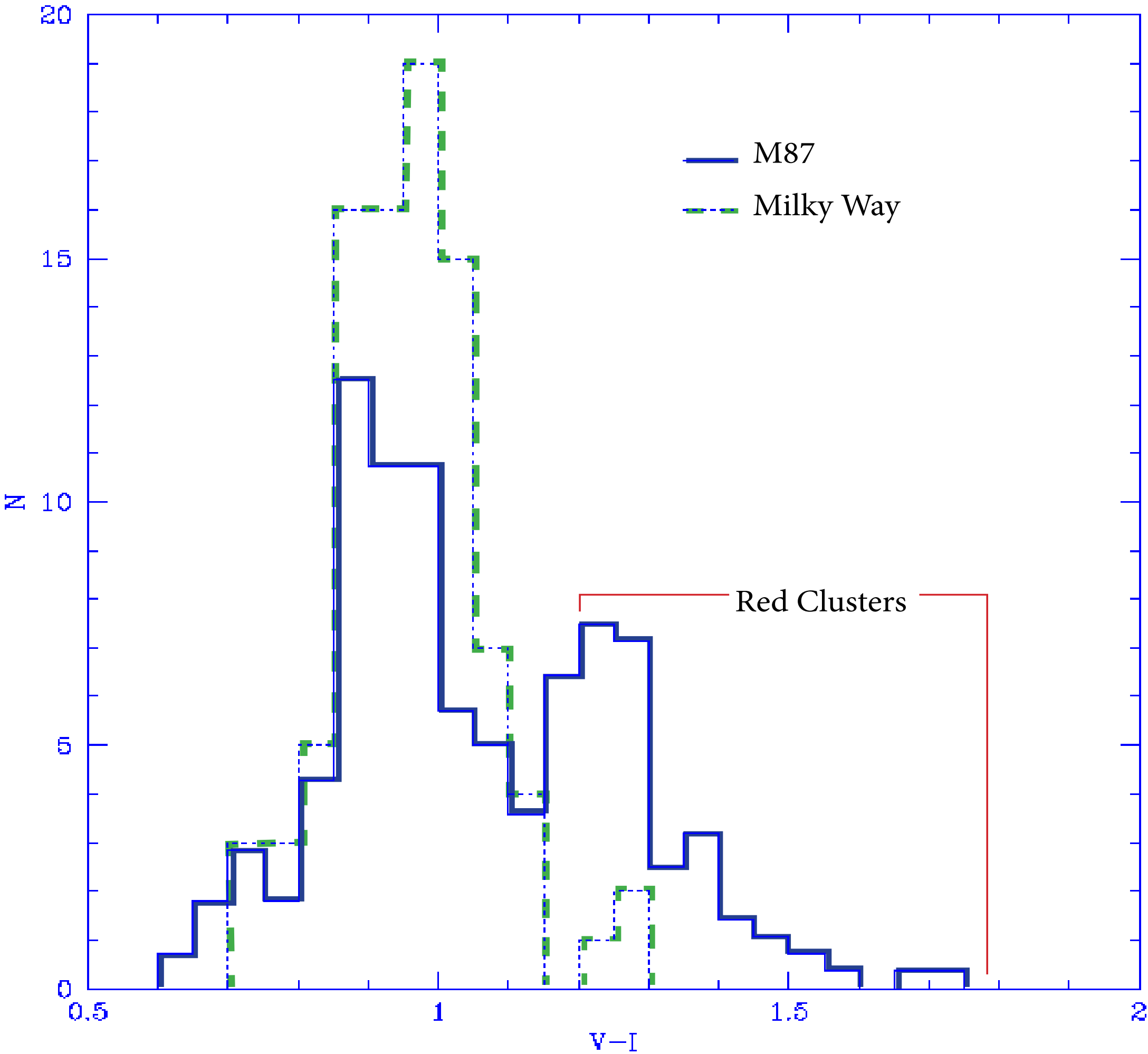


Milky
Way
Galaxy

Globular clusters



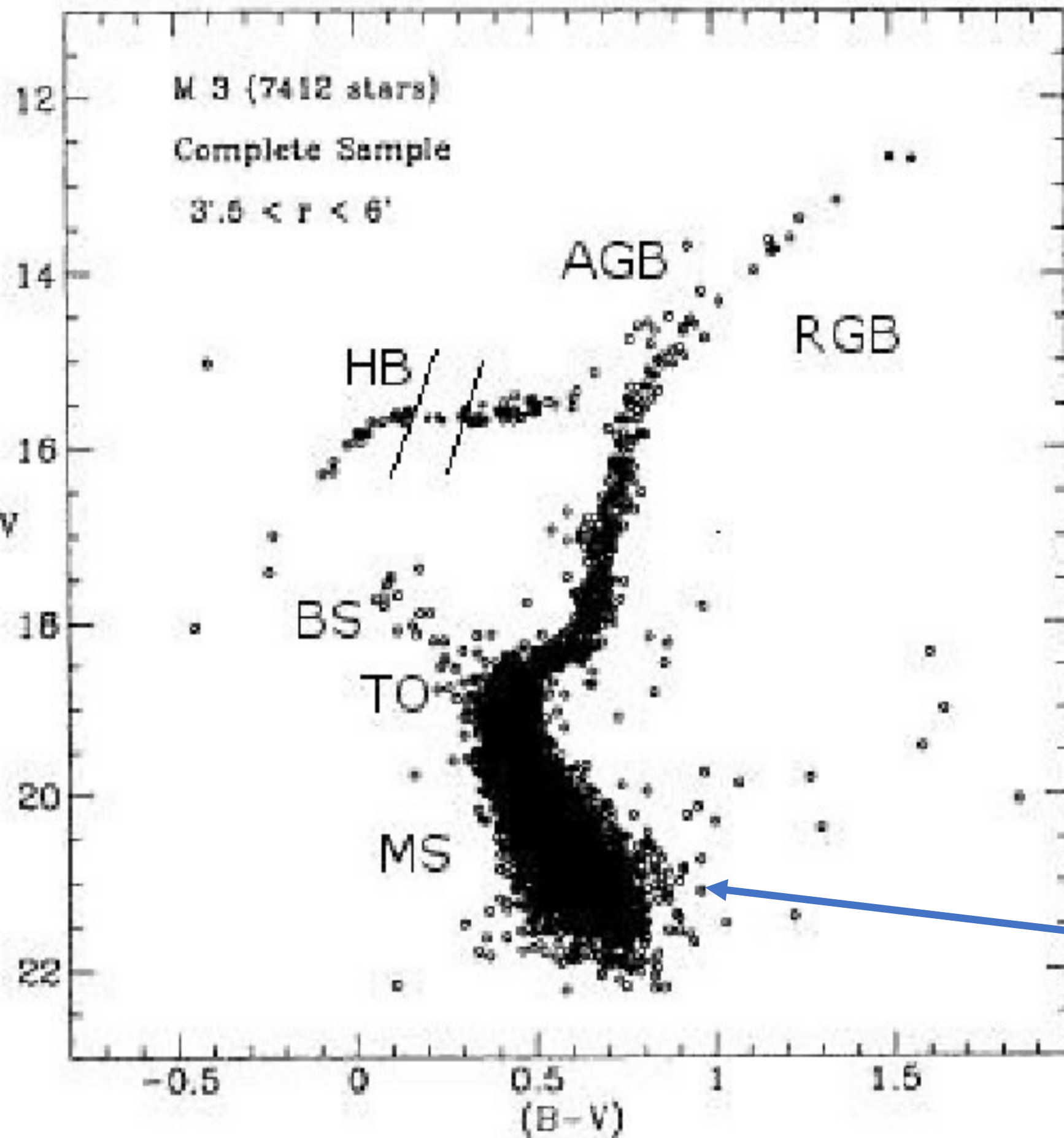
M87



**Globular
Clusters
in
M87
vs
Milky
Way**



M3



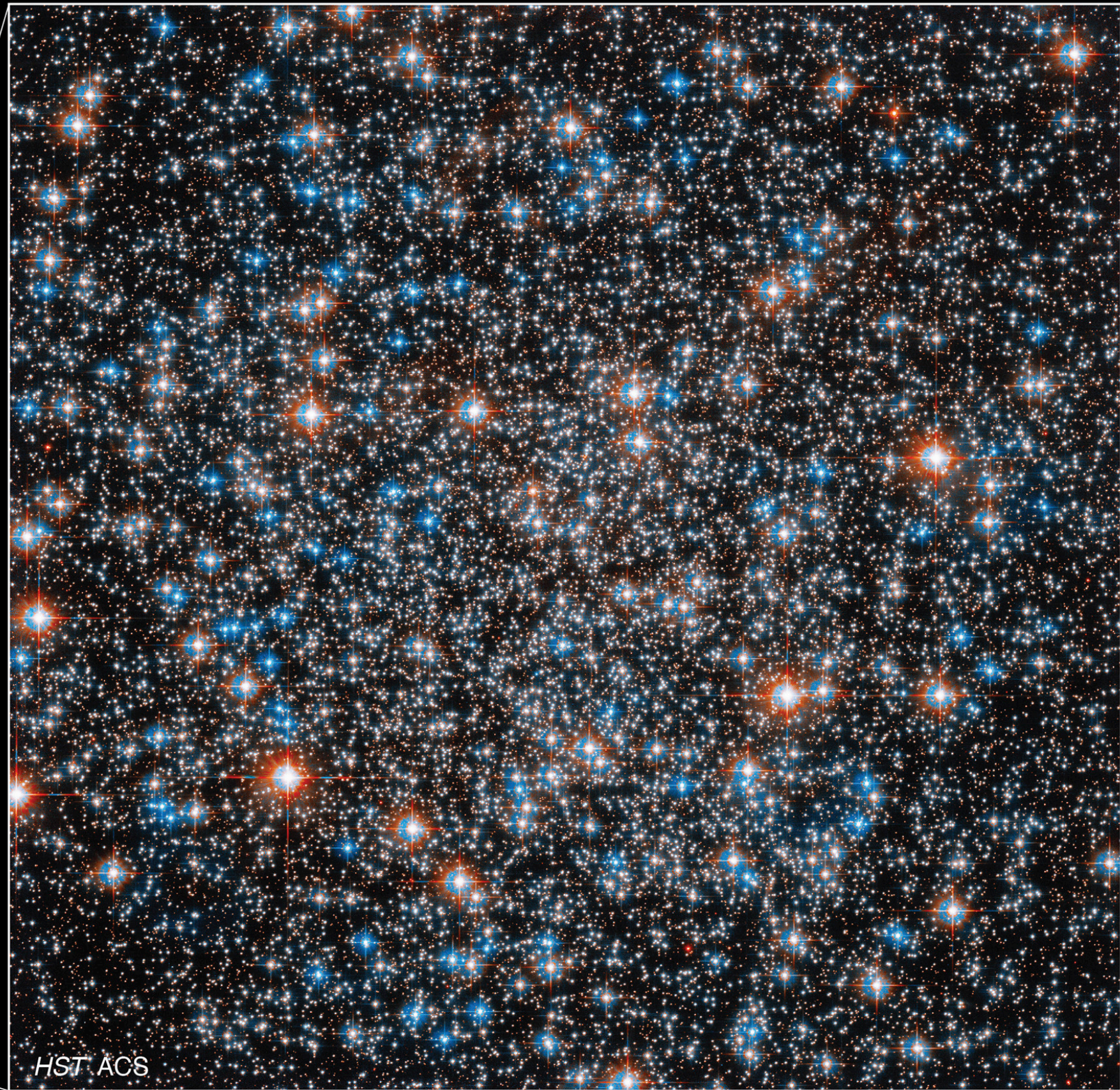
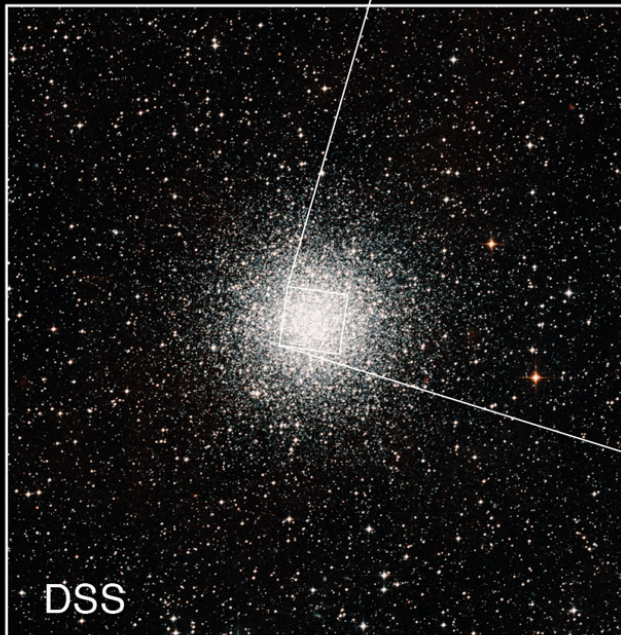
HR (CM)
diagram
of M3

Main Sequence Stars



M13

M 55





M53