

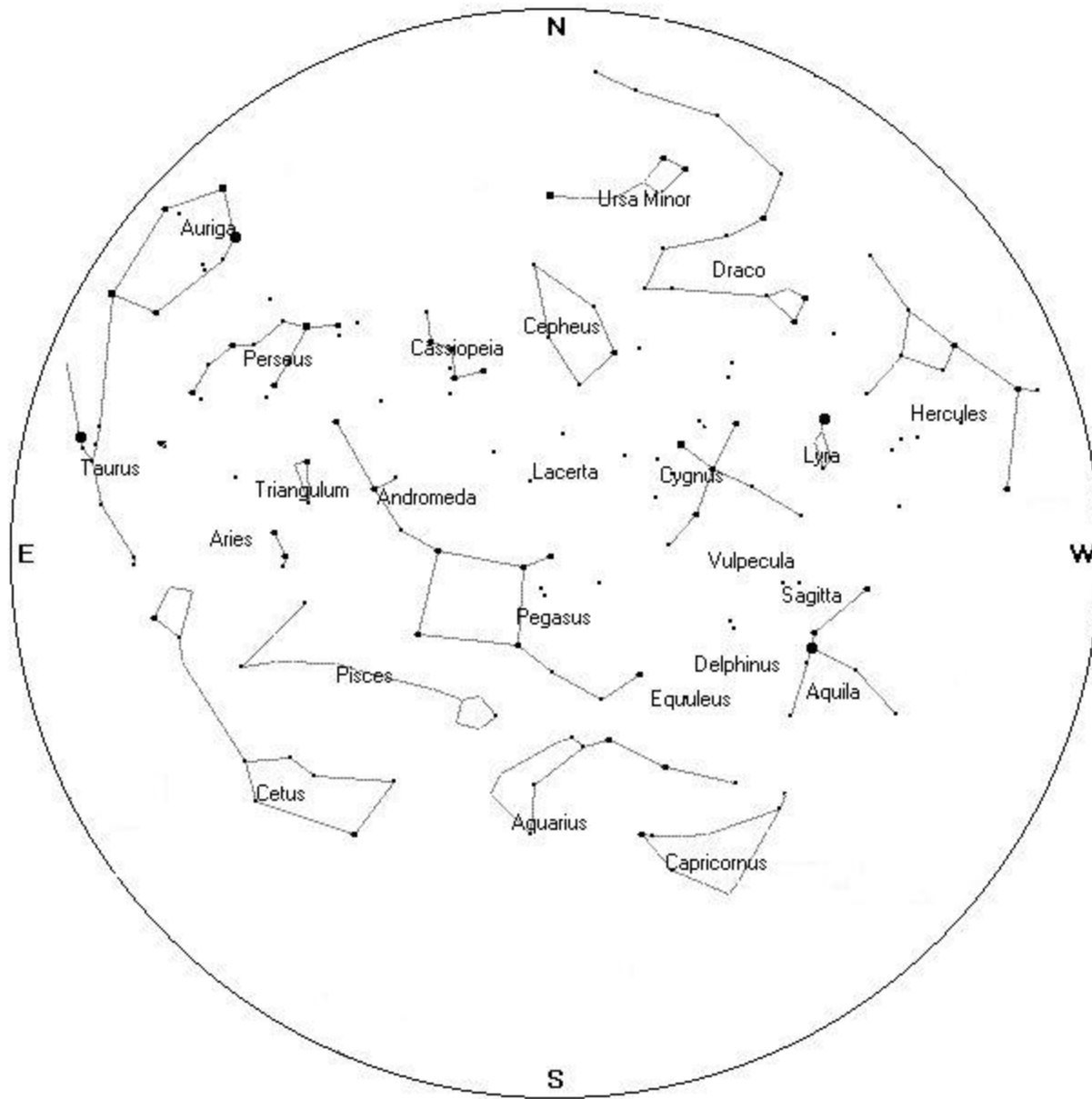
# NHAC Observation Challenge - October

Object	Seen	Common Name	Type	AL Club	Action	RA	Dec	Naked Eye	Binocular	Telescope
Cepheus			Constellation	Constellations	Sketch			X		
Equuleus			Constellation	Constellations	Sketch			X		
M 15			Globular Cluster	Messier Messier Binoc	Locate and Sketch	21 h 30.0 m	+ 12 ° 10 '	X	X	X
M 2			Globular Cluster	Messier Messier Binoc	Locate and Sketch	21 h 33.5 m	+ 00 ° 49 '		X	X
M 39			Open Cluster	Messier Messier Binoc	Locate and Sketch	21 h 32.2 m	+ 48 ° 26 '	X	X	X
NGC 7009		Saturn Nebula	Planetary Nebulae	Caldwell 55 Herschel	Locate and Sketch	21 h 04.2 m	- 11 ° 22 '			X
NGC 7235			Open Cluster	Deep Sky Binoc	Locate and Sketch	22 h 12.6 m	+ 57 ° 17 '		X	X
NGC 7243			Open Cluster	Deep Sky Binoc Caldwell Herschel	Locate and Sketch	22 h 15.3 m	+ 49 ° 53 '		X	X
NGC 7789			Open Cluster	Deep Sky Binoc Herschel	Locate and Sketch	23 h 57.0 m	+ 56 ° 44 '		X	X
Alpha Aquila		Altair	Star	none	Locate	19 50 46.9	+08 52.6	X		
Alpha Cygnus		Deneb	Star	none	Locate	20 41 25.8	+45 16 49	X		
Alpha Piscis Australis		Fomalhaut	Star	none	Locate	22 57 39.0	-29 37 20	X		
Beta Cephei		Alfirk	Multiple Stars	Double Star	Locate and Sketch	21 h 28.6 m	+ 70 ° 34 '			
Gamma Delphinus			Multiple Stars	Double Star	Locate and Sketch	20 h 46.6 m	+ 16 ° 07 '			
Mu Cephei		Herschel's Garnet Star	Star	none	Locate	21 h 43.3 m	+ 58 ° 47 '			X

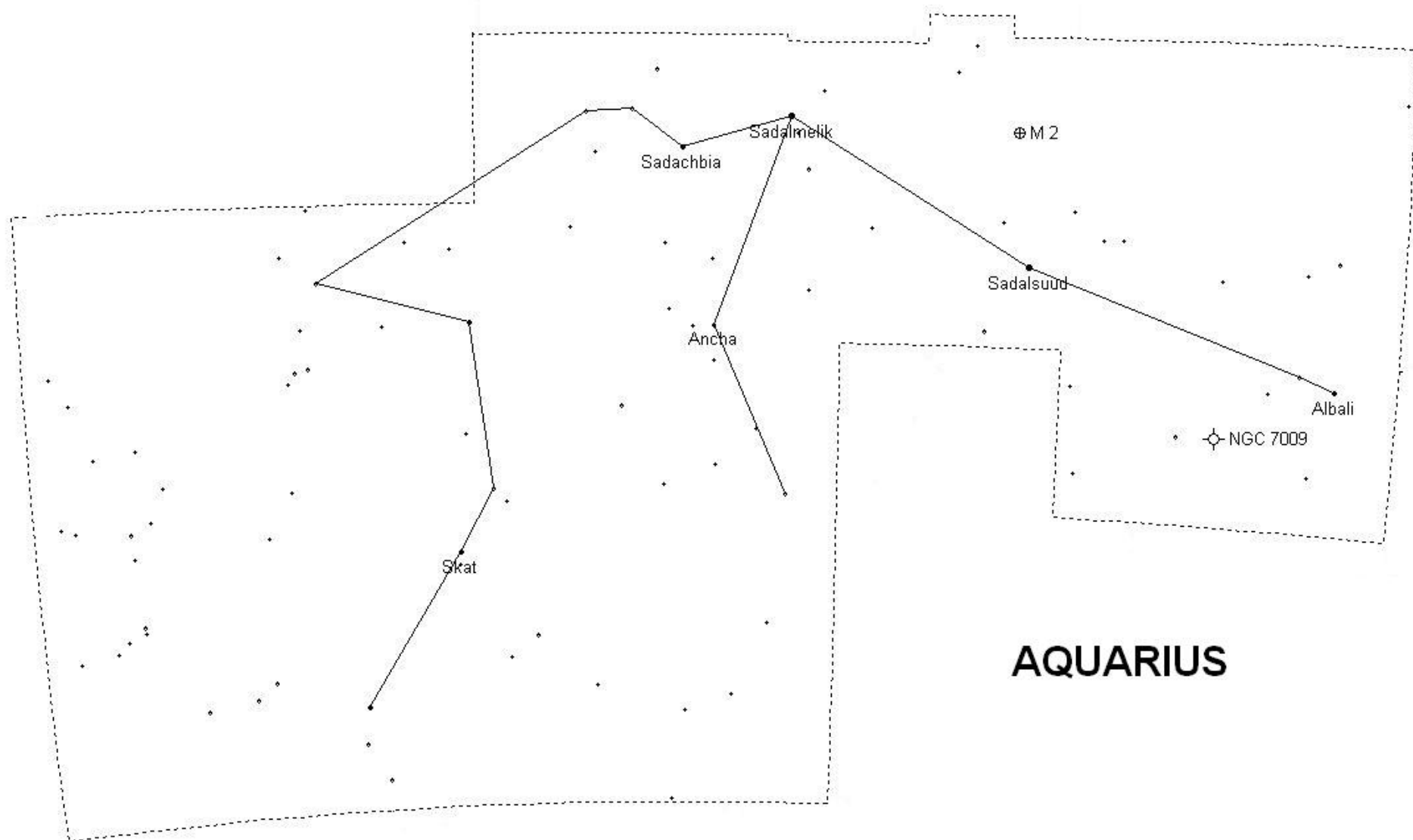
Name: \_\_\_\_\_

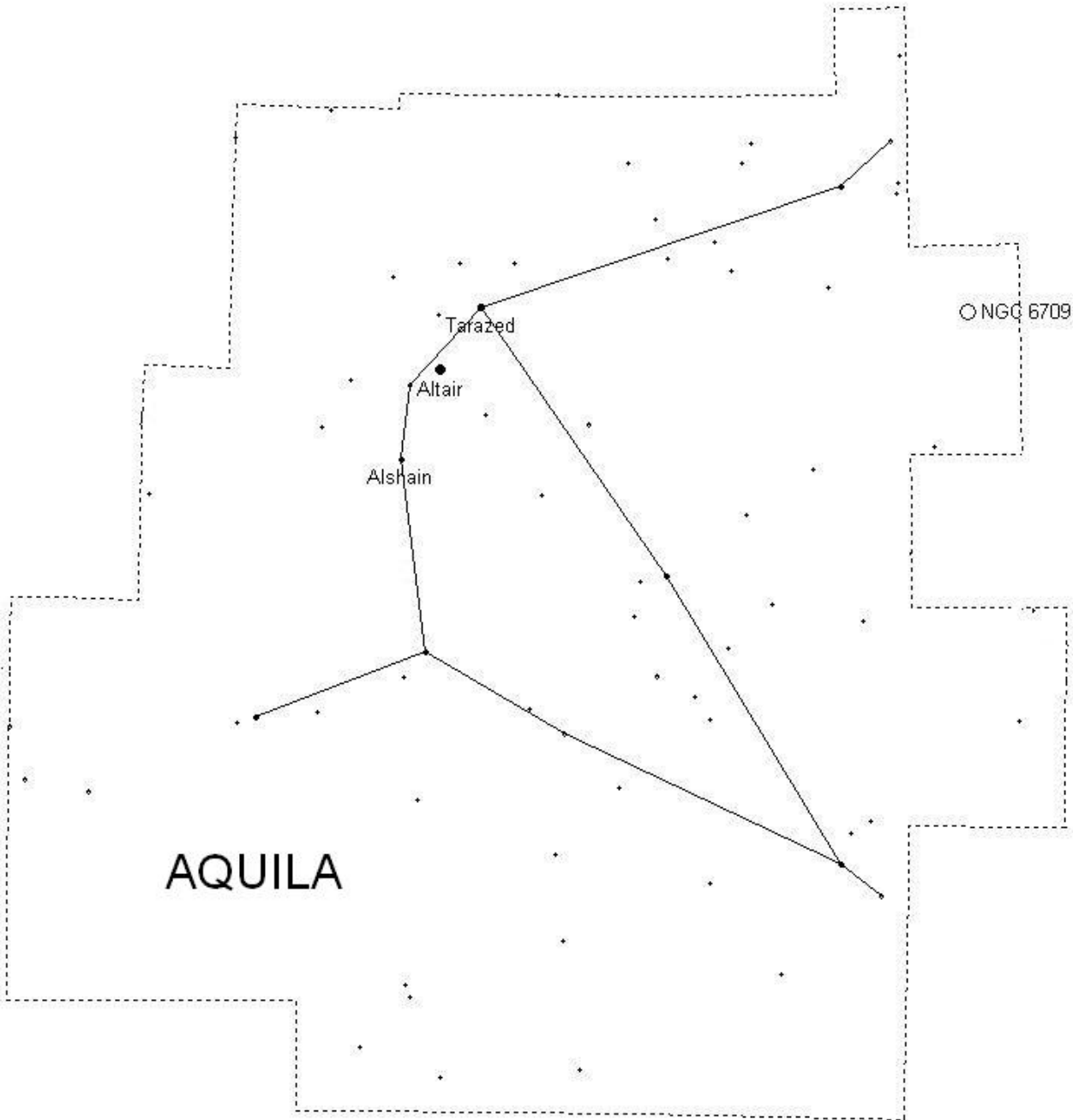
Date: \_\_\_\_\_

# October – Whole Sky Chart



## October – Constellation Maps



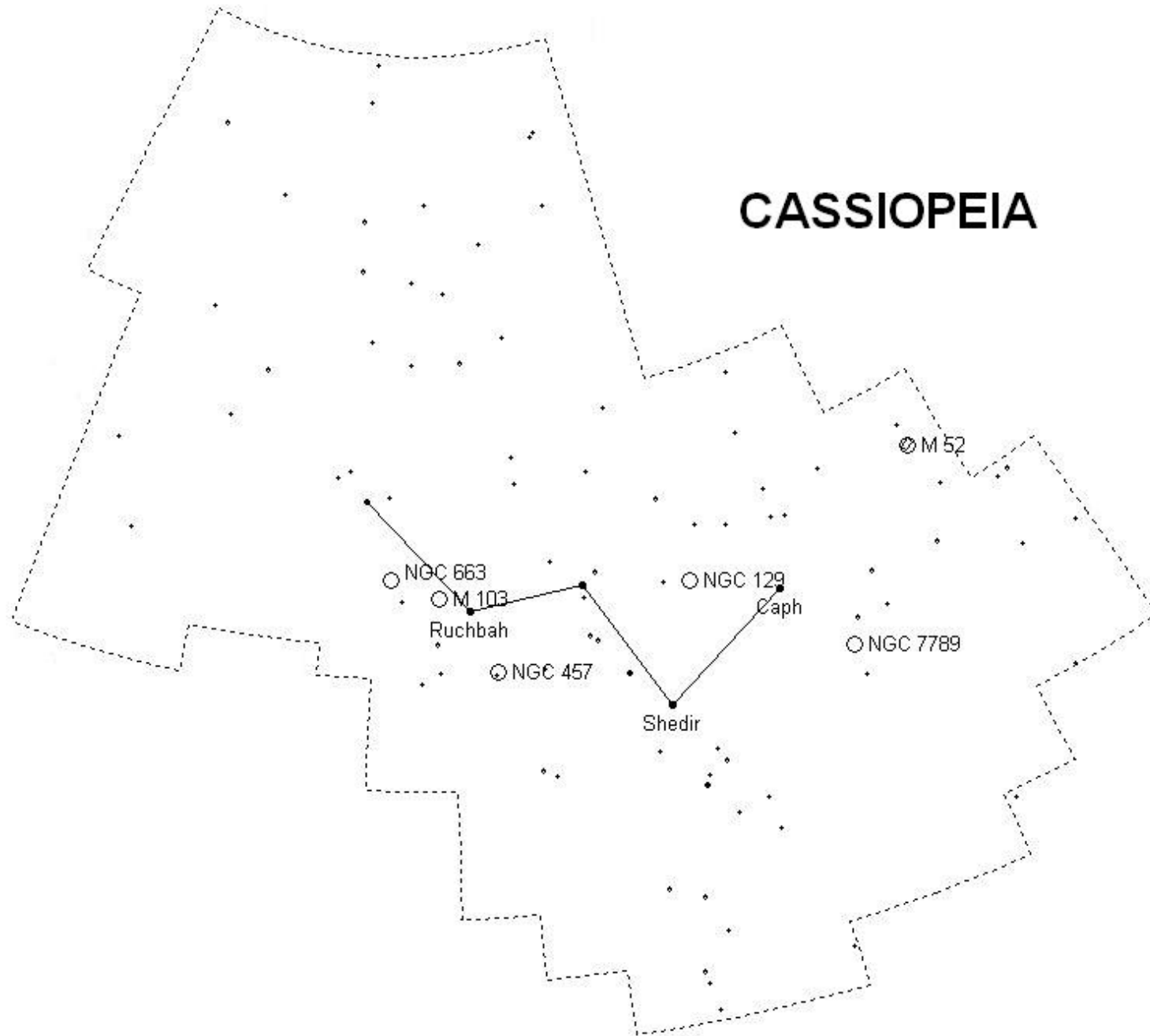


AQUILA

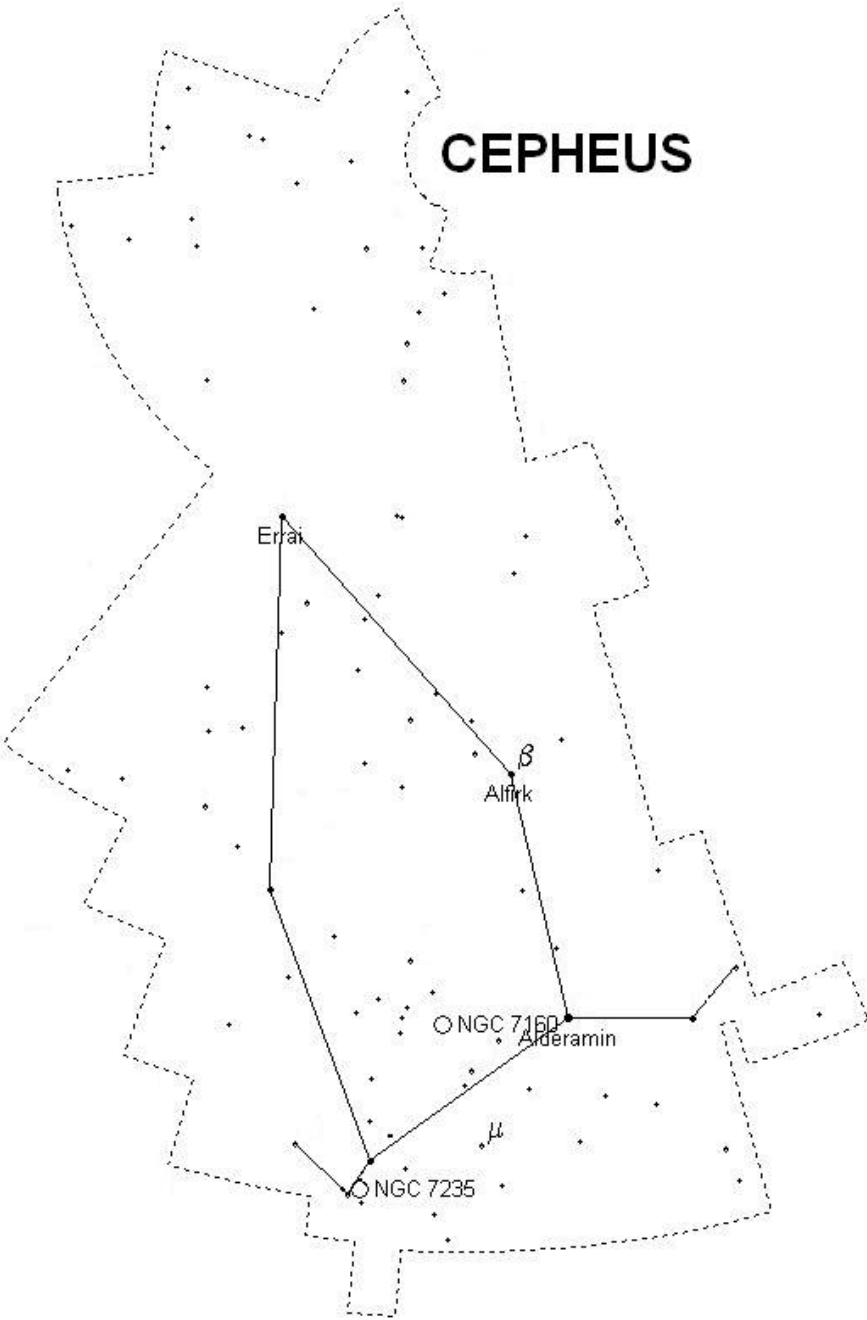
Tarazed  
Altair  
Alshain

○ NGC 6709

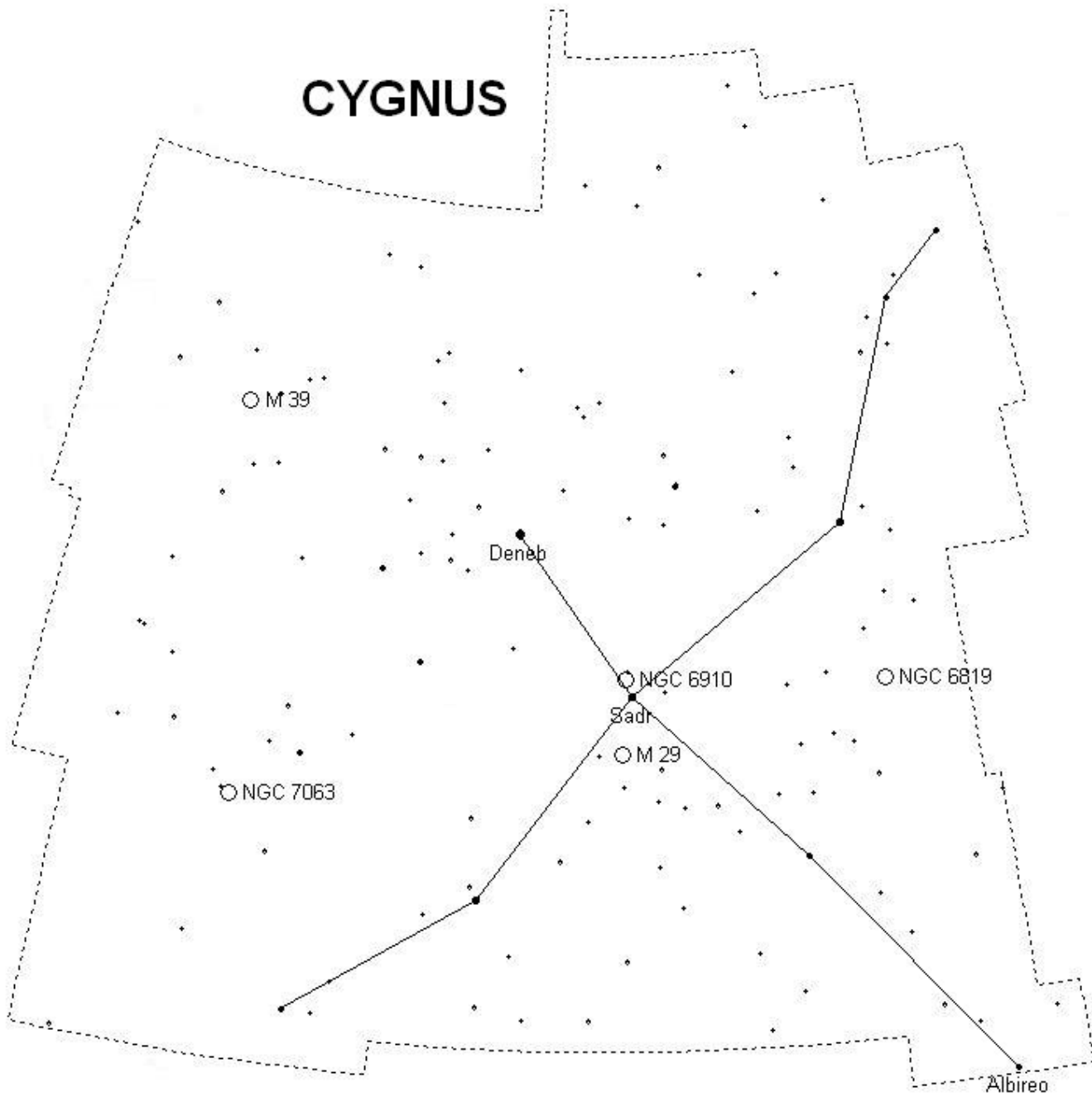
# CASSIOPEIA

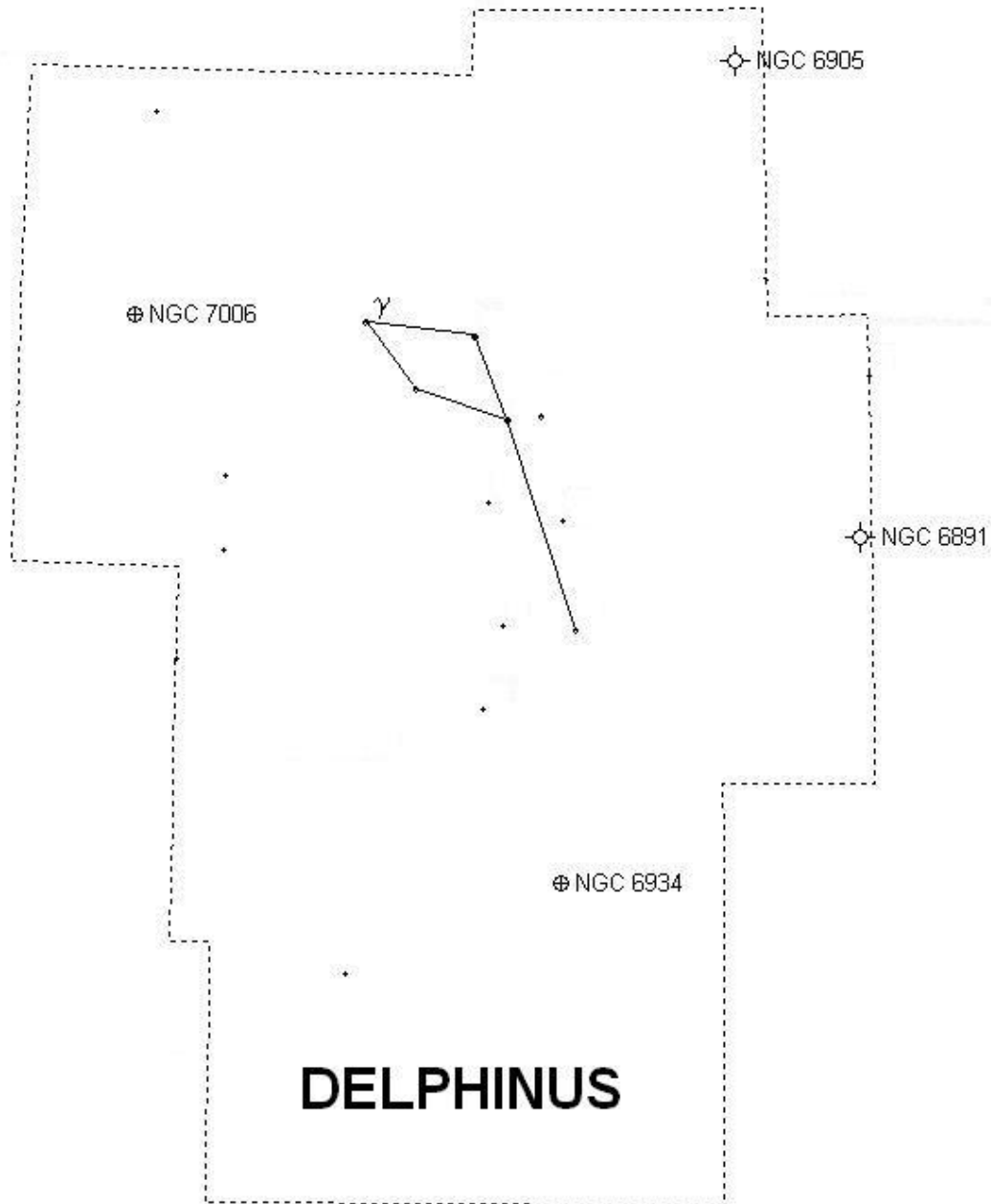


# CEPHEUS

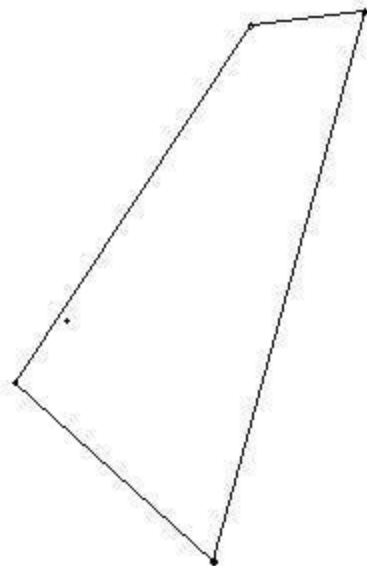


# CYGNUS





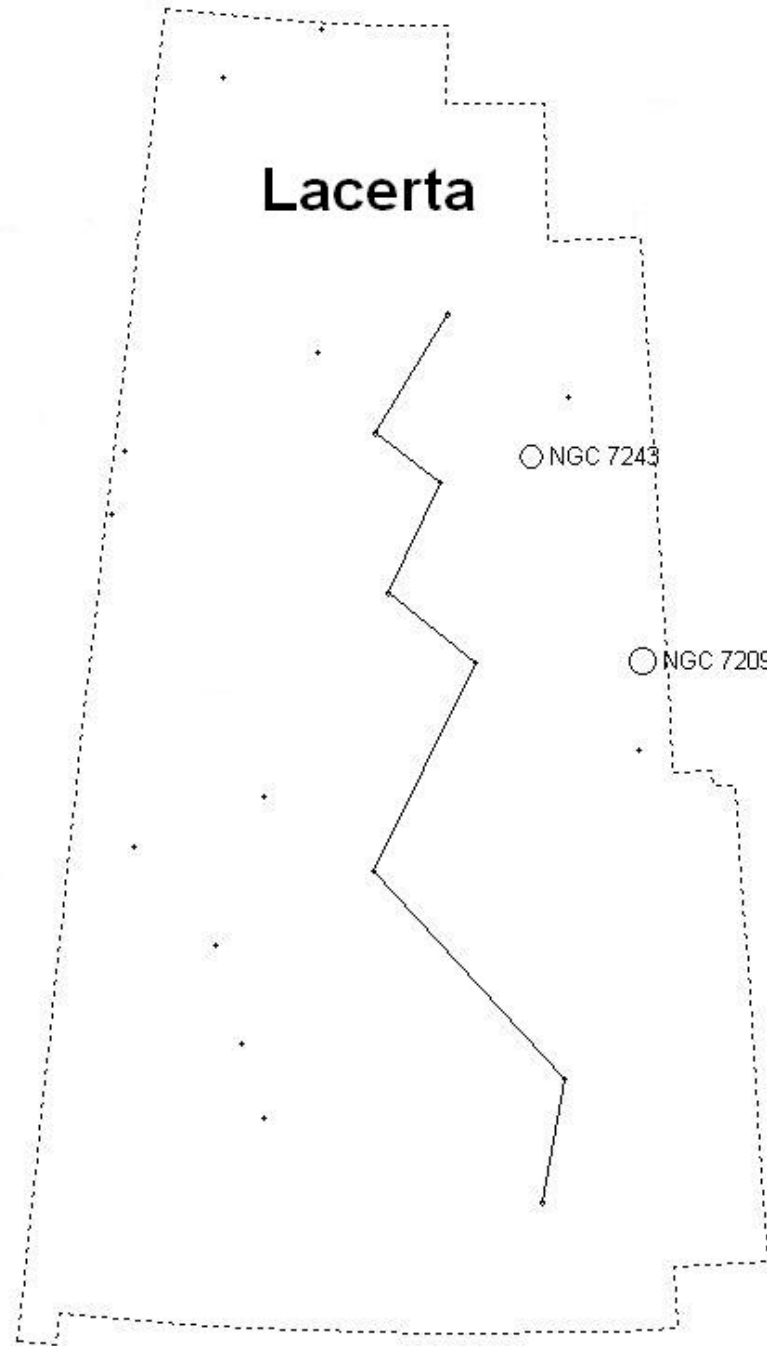
# EQUULEUS

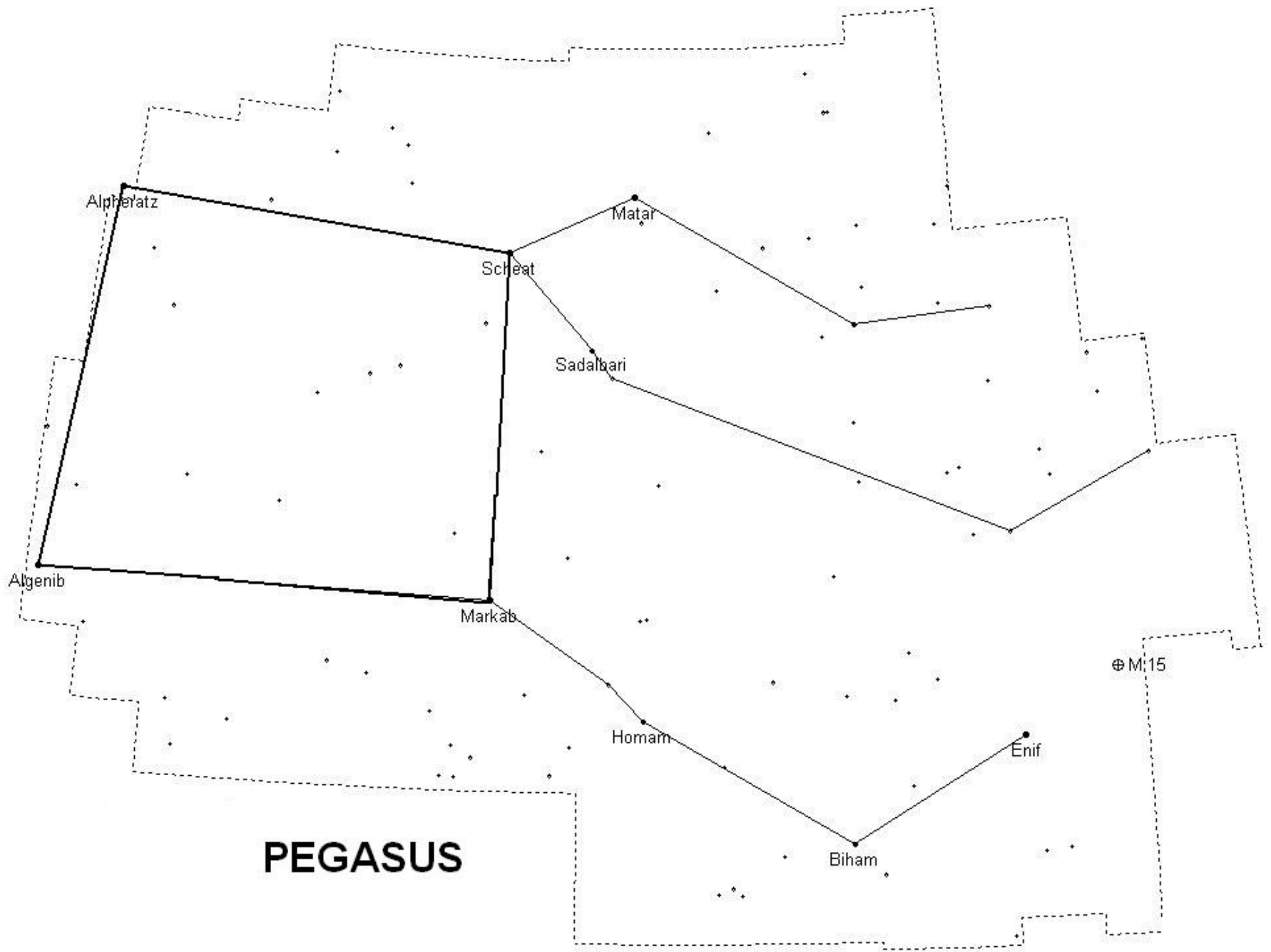


Kitalpha

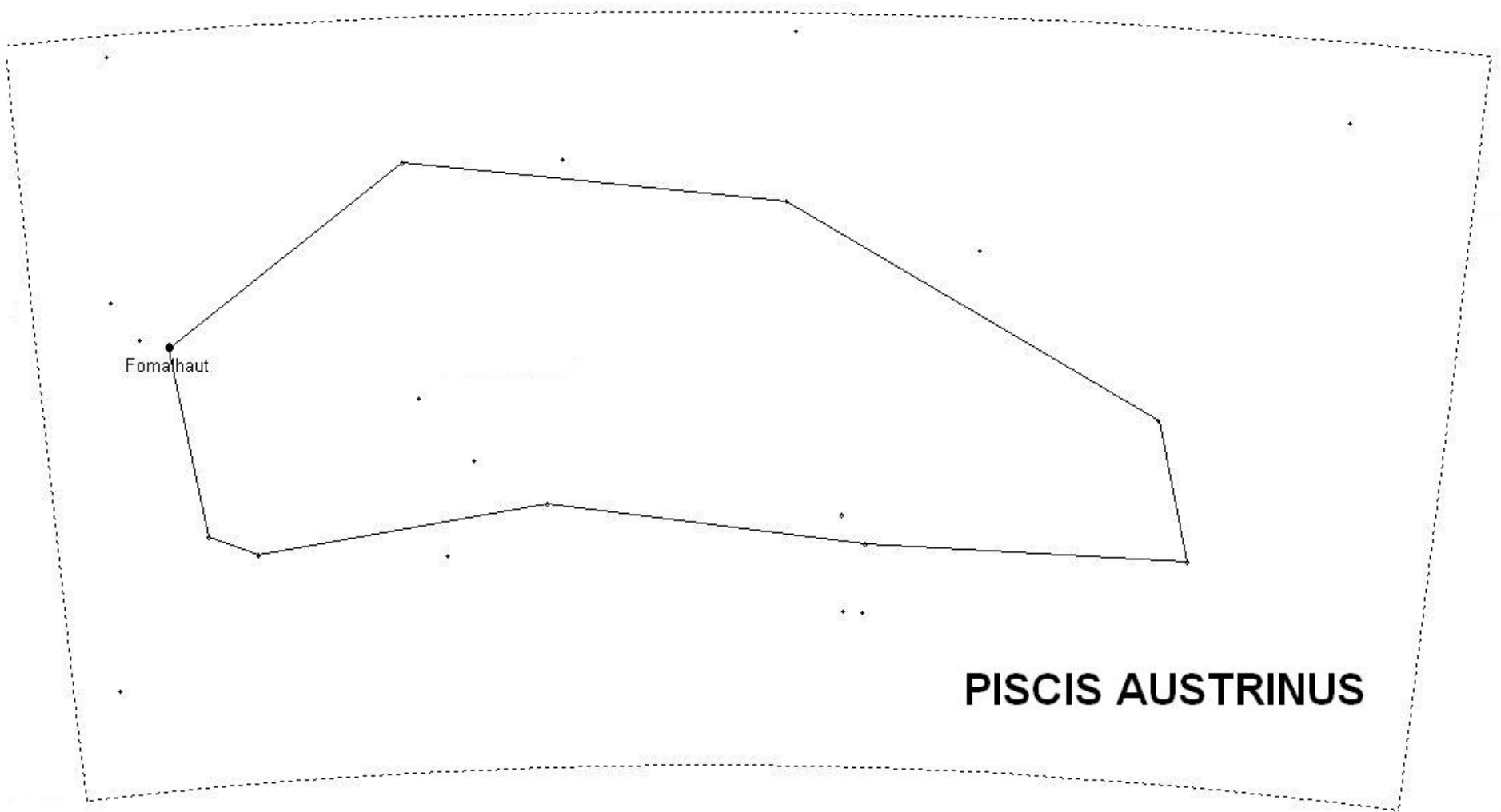


# Lacerta





**PEGASUS**



**PISCIS AUSTRINUS**