

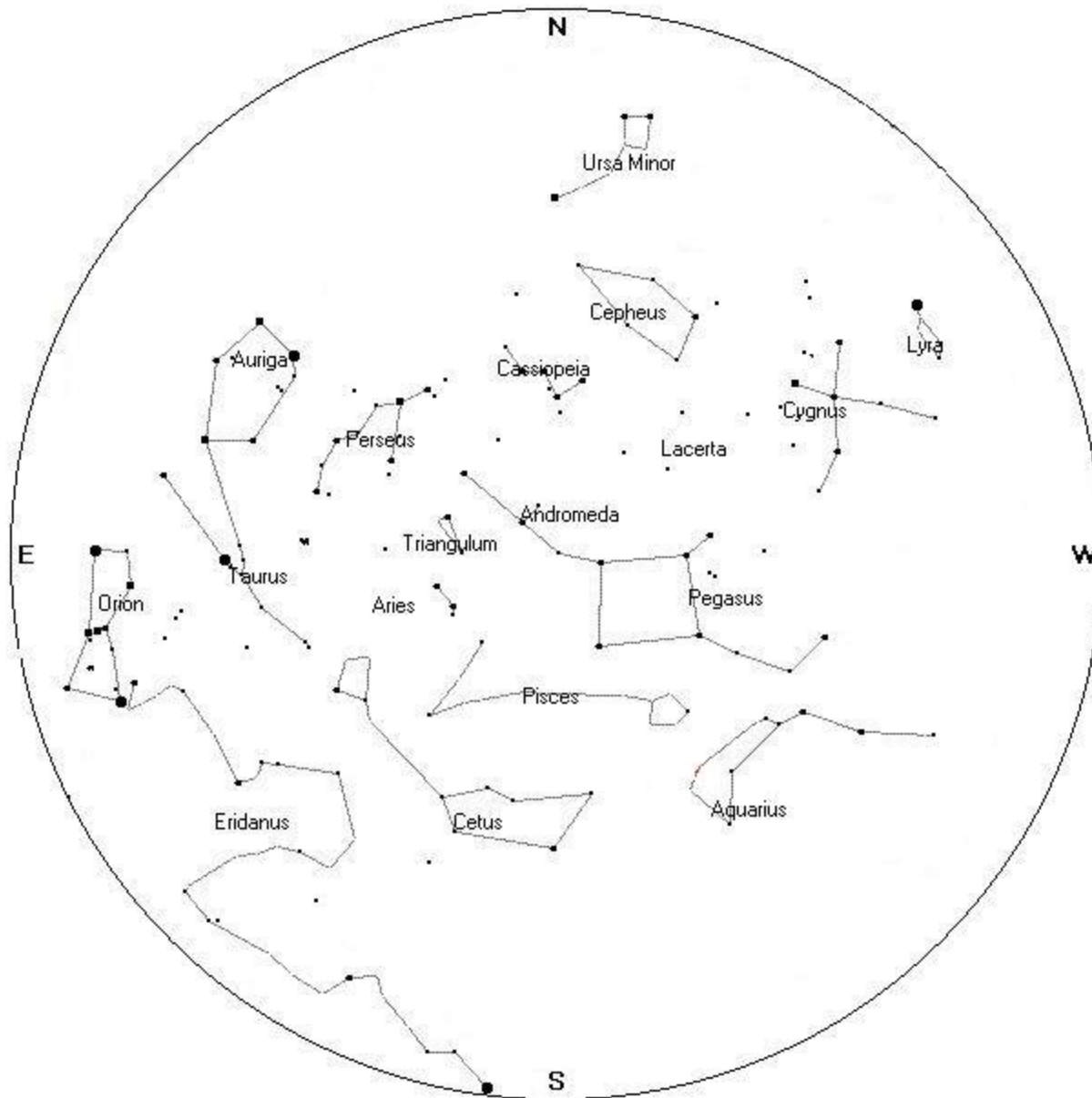
NHAC Observation Challenge - November

Object	Seen	Common Name	Type	AL Club	Action	RA	Dec	Naked Eye	Binocular	Telescope
Andromeda			Constellation	Constellations	Sketch			X		
Great Square of Pegasus			Asterism	none	Locate and Sketch	23 h 30.0 m	+ 22 ° 30 '	X		
M 103			Open Cluster	Messier Messier Binoc	Locate and Sketch	01 h 33.7 m	+ 60 ° 42 '		X	X
M 31		Andromeda	Galaxy	Messier Messier Binoc	Locate and Sketch	00 h 42.8 m	+ 41 ° 16 '		X	X
M 52			Open Cluster	Messier Messier Binoc	Locate and Sketch	23 h 24.2 m	+ 61 ° 35 '		X	X
NGC 129			Open Cluster	Deep Sky Binoc Herschel	Locate and Sketch	00 h 29.9 m	+ 60 ° 14 '		X	X
NGC 253		Sculptor Galaxy	Galaxy	Deep Sky Binoc Caldwell Herschel	Locate and Sketch	00 h 47.6 m	- 25 ° 17 '		X	X
NGC 457		Phi Cas. Cluster	Open Cluster	Deep Sky Binoc Caldwell Herschel	Locate and Sketch	01 h 19.1 m	+ 58 ° 20 '		X	X
Pegasus			Constellation	Constellations	Sketch			X		
Alpha Aries		Hamal	Star	none	Locate	02 07 10.3	+23 27 45	X		
Alpha Perseus		Marphak	Star	none	Locate	03 24 19.3	+49 51 41	X		
Beta Cetus		Deneb Kaitos	Star	none	Locate	00 43 35.3	-17 59 12	X		

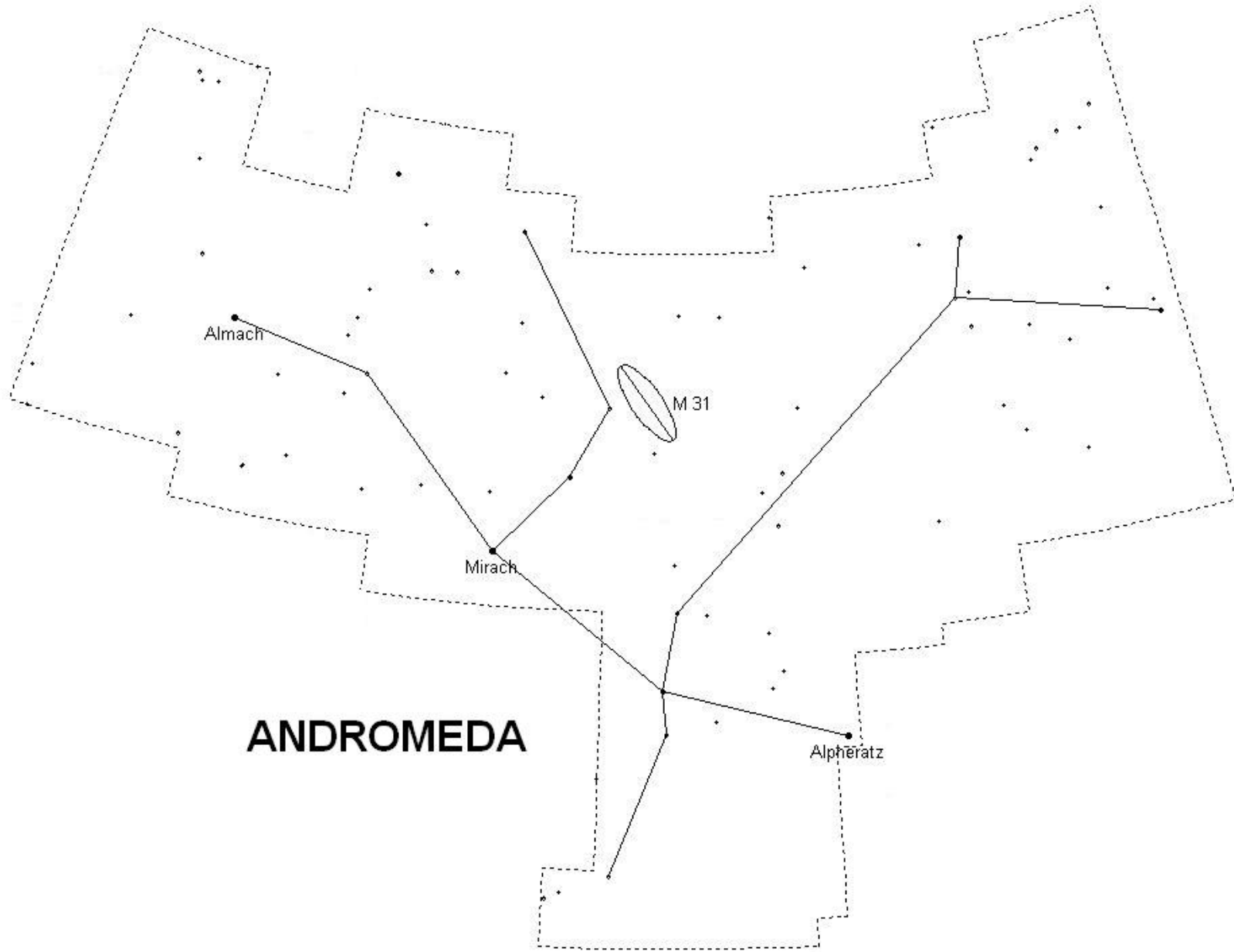
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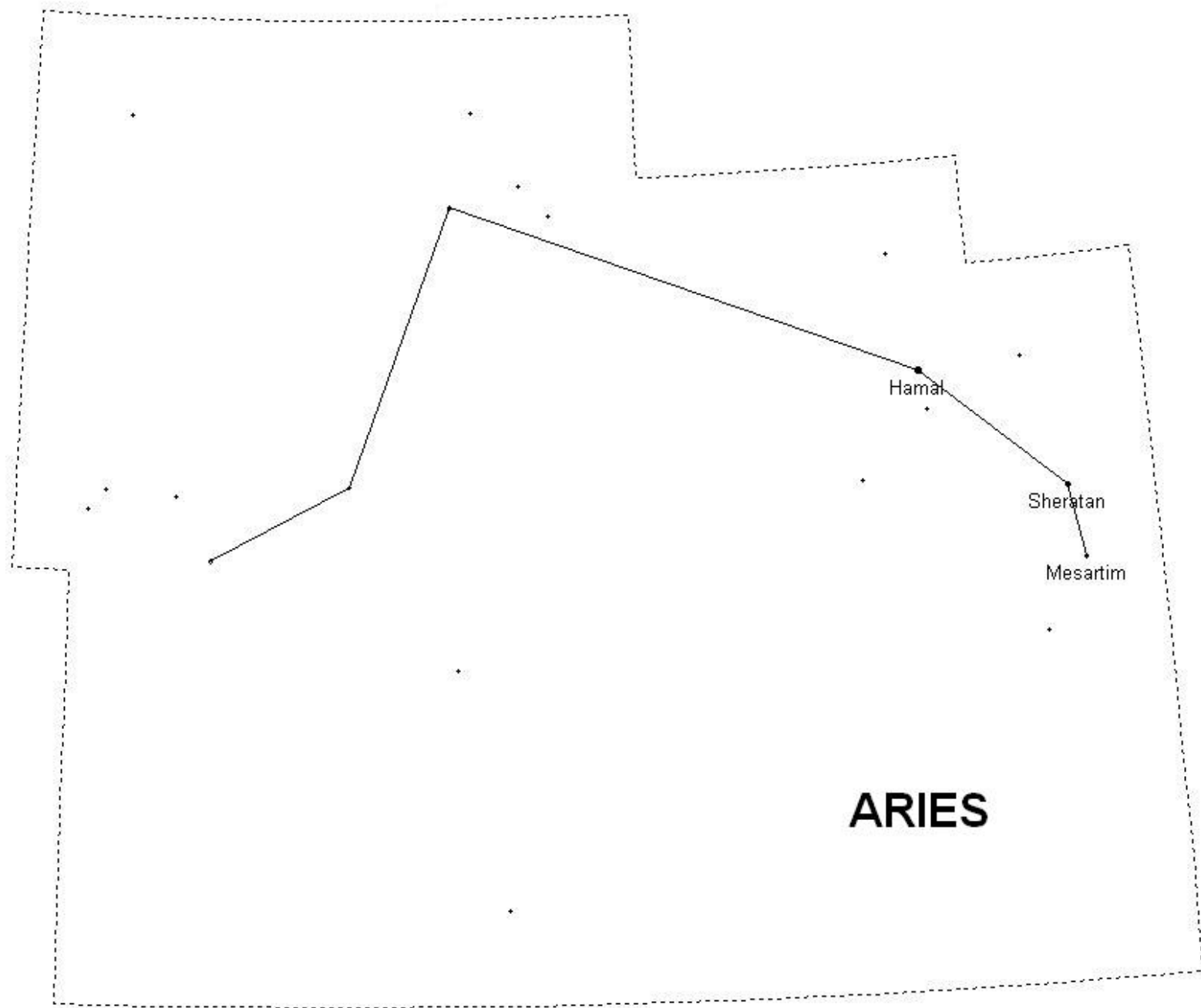
Date: _____

November – Whole Sky Chart



November – Constellation Maps





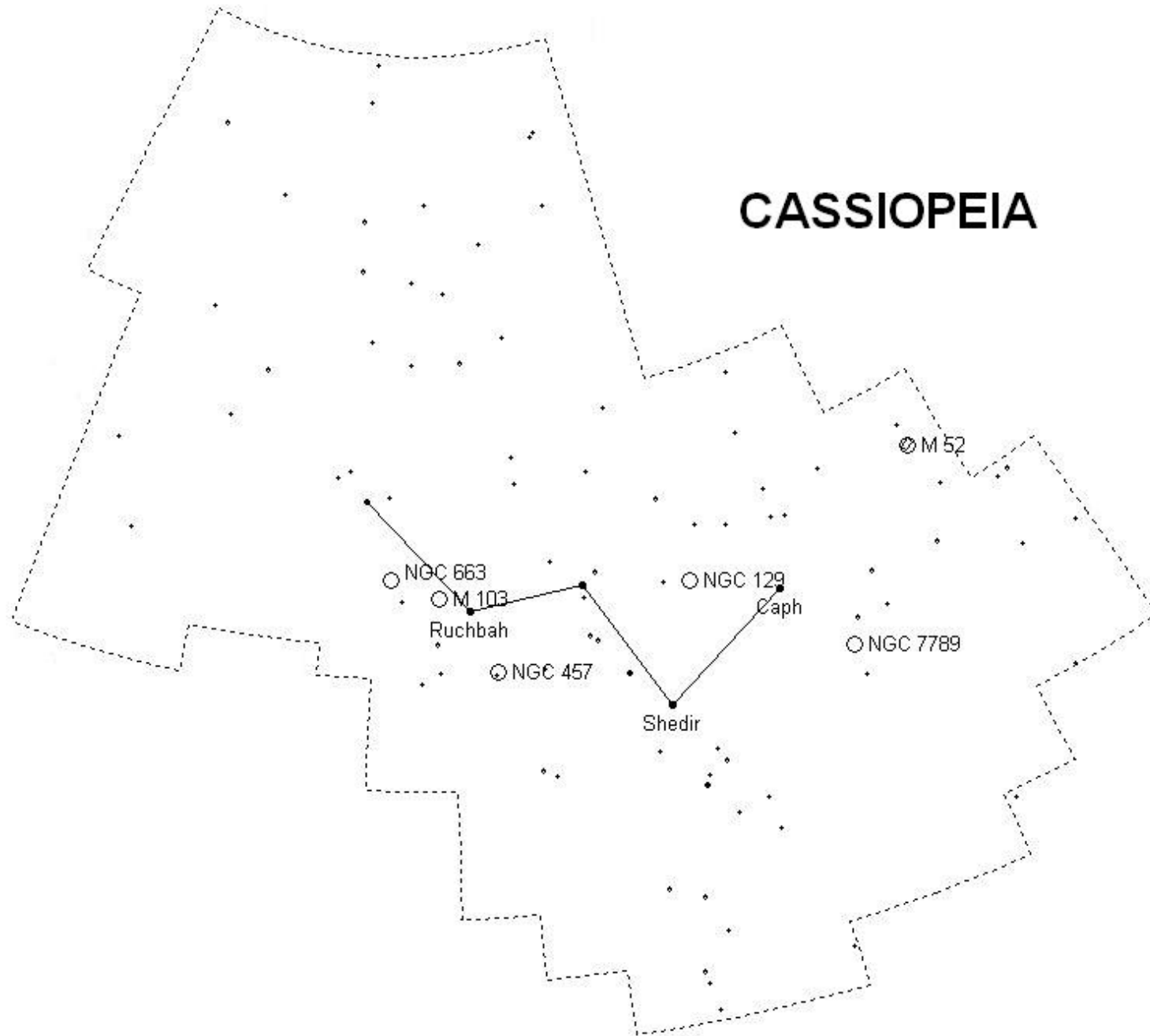
Hamal

Sheratan

Mesartim

ARIES

CASSIOPEIA

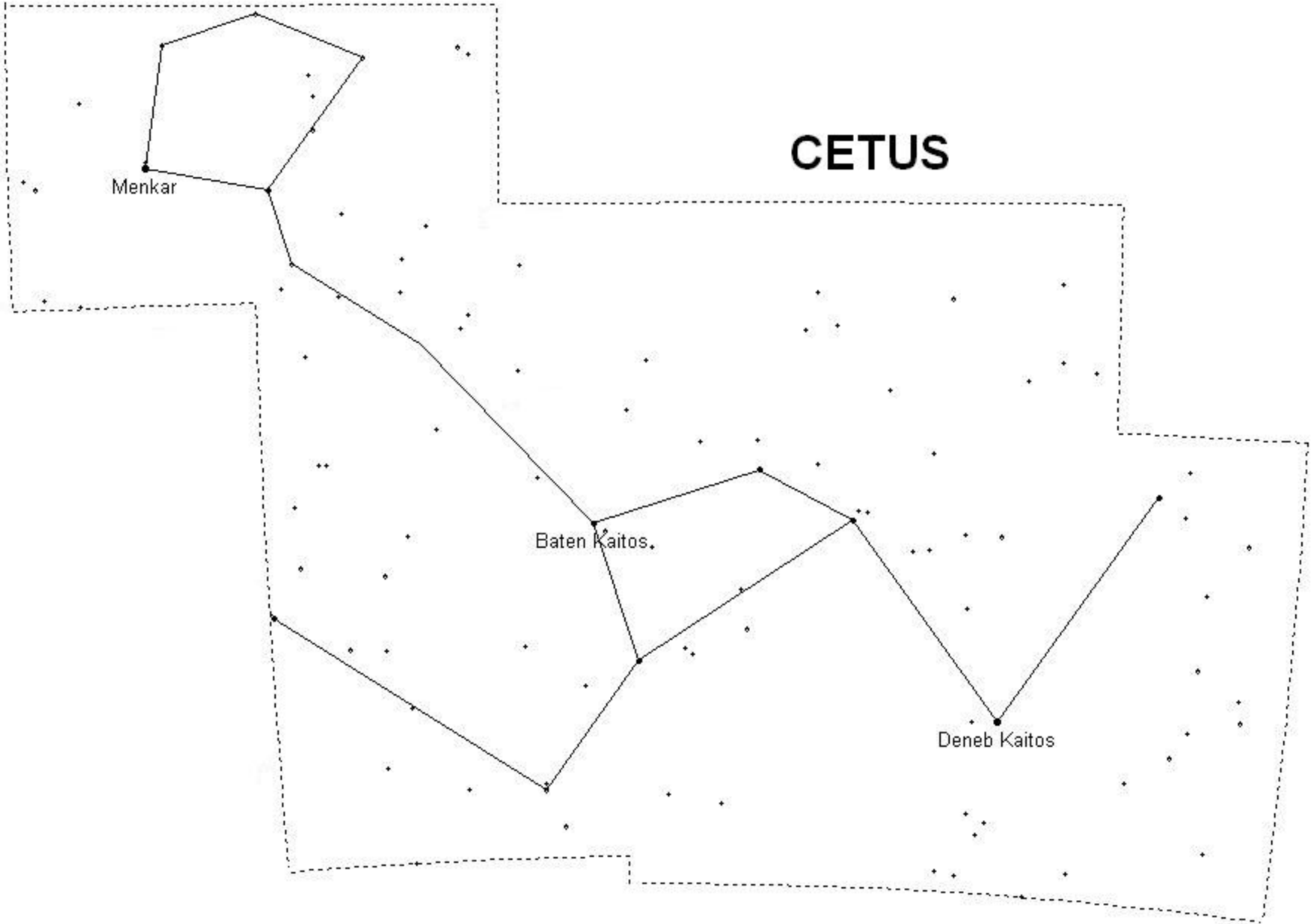


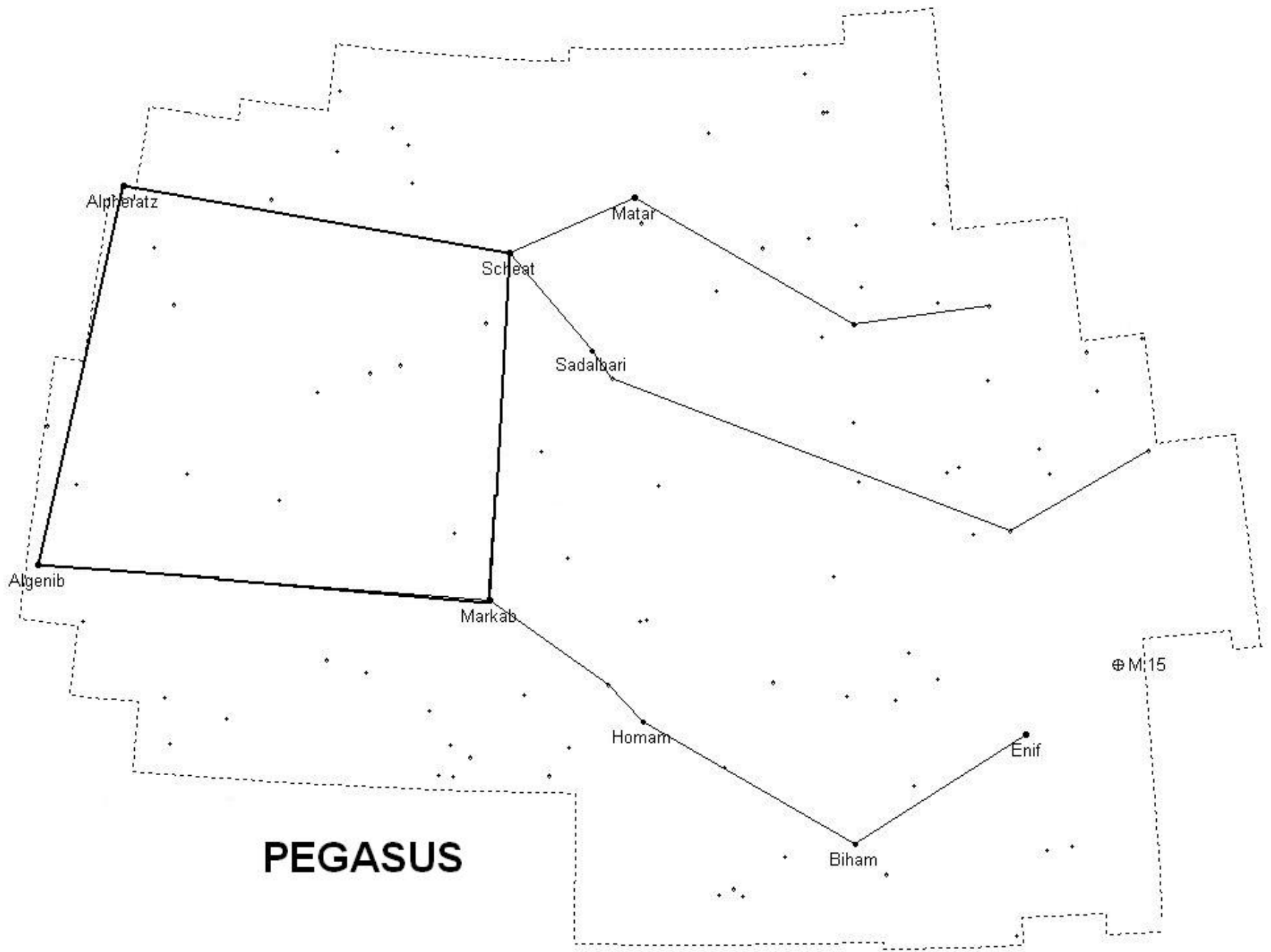
CETUS

Menkar

Baten Kaitos.

Deneb Kaitos





PEGASUS

☉ NGC 253

SCULPTOR

