

Date: 11/13/99  
Time Started: 10:07 PM CST  
Time Finished: 10:48 PM CST  
Transparency: 3.0  
Seeing: 3.5

Common Name: \_\_\_\_\_  
M#: 34  
NGC #: 1039

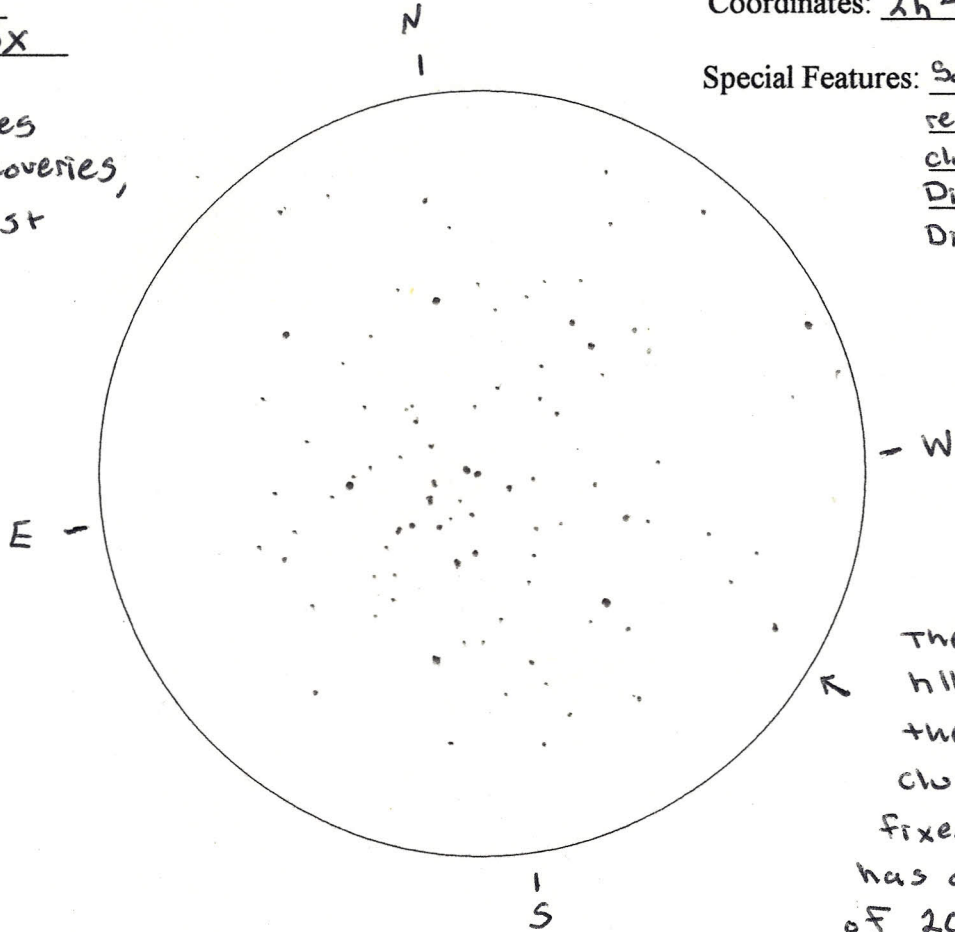
Telescope: 12.5" Dob  
Eyepiece: 40 mm plossl  
Filter: \_\_\_\_\_  
Magnification: 38x

Type: OC  
Magnitude: 5.2  
Size: 35'

Coordinates: 2h 42.0m 42° 47'

Special Features: Some 80 stars are recognized as true cluster members.  
Distance: ~1500 lt. yrs.  
Diameter: ~18 lt. yrs.

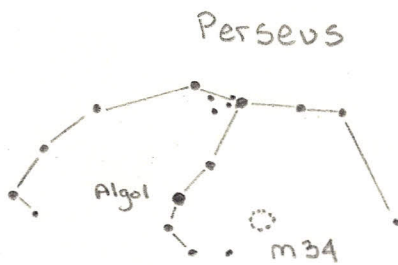
One of Charles Messier's discoveries, Found in August 1764.



The double star h1123 lies in the heart of the cluster. This fixed white pair has a separation of 20" with magnitudes both close to 8.5.

- Burnham

Locating Sketch:



Description and Field Notes: A fine cluster, large and bright. Several good pairs of stars. A number of brighter stars and dimmer stars mixed together. Spread out over the entire field of the 40mm eyepiece.