

OBSERVATION RECORD

OBJECT

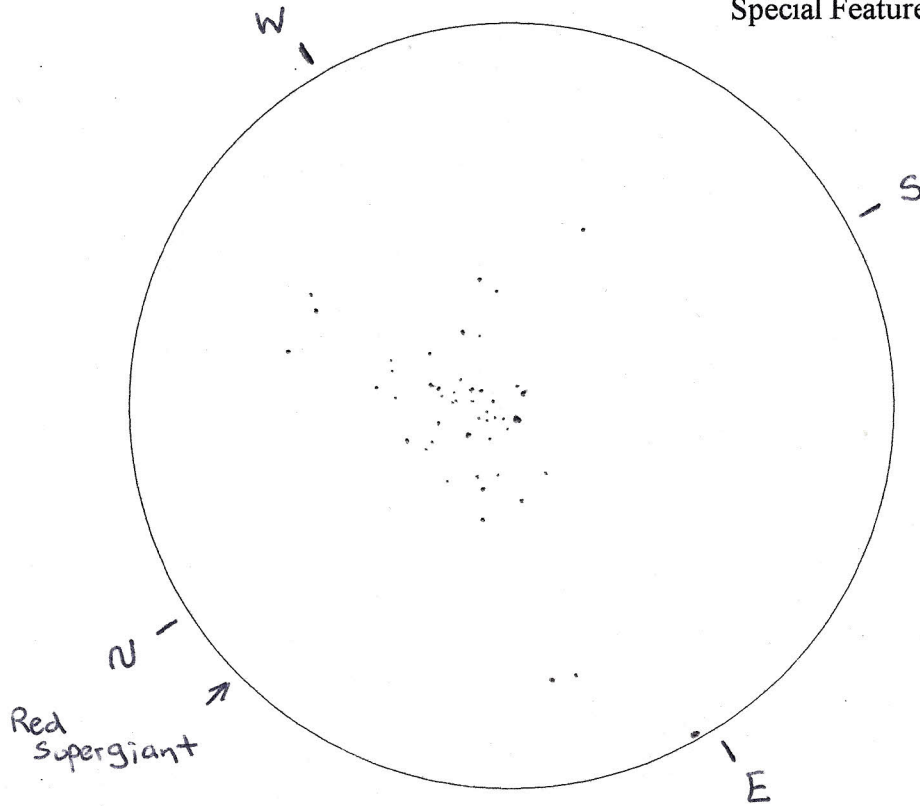
Date: 12/27/02
 Time Started: 9:00PM CST
 Time Finished: 9:25PM CST
 Transparency: 4.0
 Seeing: 2.5

Common Name: The Owl or Phi Cas Cluster
 C#: 13
 NGC #: 457

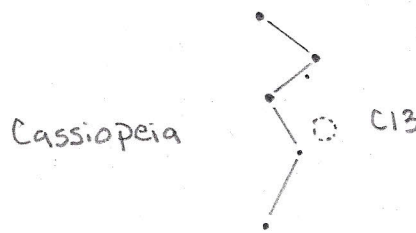
Telescope: 12.5" Dob
 Eyepiece: 26mm plössl
 Filter: —
 Magnification: 60x

Type: OC
 Magnitude: 6.4
 Size: 13.0'
 Coordinates: 01h 19m 06.0s +58° 20' 00"

Special Features: Dist: ~8000 lt. yrs
About 60 true
cluster members.



Locating Sketch:



Description and Field Notes: Nice cluster. Fairly bright with many dimmer members also. Two brightest stars, probably foreground, are Phi Cassiopeiae (mag 5) and HD7902. One very red star on the NE side. This is a red supergiant of type M0 and apparent magnitude of 8.6.