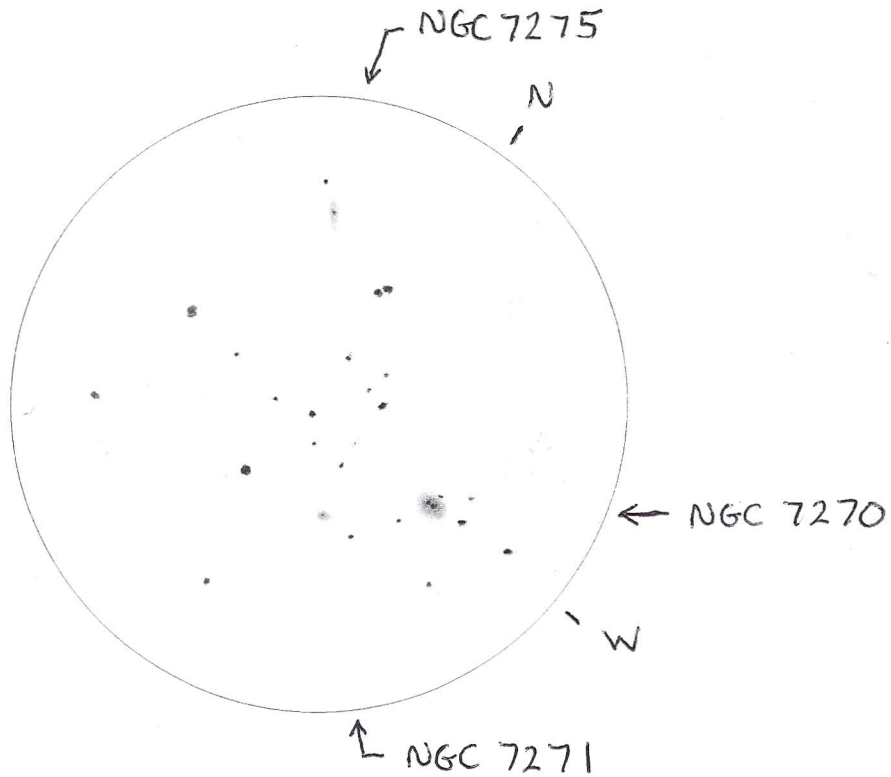


GALAXY GROUPS & CLUSTERS OBSERVATION RECORD

Date: 4 October 2012
 Time Started: 1955 CDT Time Finished: 2032 CDT
 Location: Huntingdon, TN
 Weather: Clear & Cool
 Transparency: (1-10) 8 Seeing: (1-10) 8
 Faintest Naked Eye Star: 5.0
 Telescope: 18" Obsession - f/4.5 - f.l. 81"
 Eyepiece: 9mm Televue Nagler Type 6
 Magnification: 231x FOV: 21.30'

Object ID: Galaxy Trio #42
 Coordinates: 22 h 24.0m +32° 25'
 Constellation: Peg
 Magnitude Range: 13.9 - 14.6
 Size Estimate: 11'
 No. Of AV Galaxies: 3
 No. Of DV Galaxies: 0



Description (Pattern? Distribution even or uneven? Galaxies superimposed or signs of interaction? Nuclei, dust lanes, spiral arms? Estimate on AV scale):

The three galaxies make a long right triangle spanning about 11 arc minutes. A nice double star w/ even brightness lies about 3' WSW of N7275.

NGC 7270 is the brightest, easily detectable w/ averted vision but not quite held w/ direct vision (AV1). A dim halo is slightly elongated E/W and appears to contain two stellar nuclei (one of which may be a superimposed field star. Another faint field star just to the N. Gradually brightens toward center

NGC 7275 - A very dim, ^{very} elongated streak only visible w/ averted vision. A faint stellar nucleus is pretty readily visible (AV2). A faint field star to the NE.

NGC 7271 - Visible most of the time w/ averted vision, A small, ^{very} round halo that occasionally shows the glitter of a very faint stellar nucleus. (AV3)

Reference: