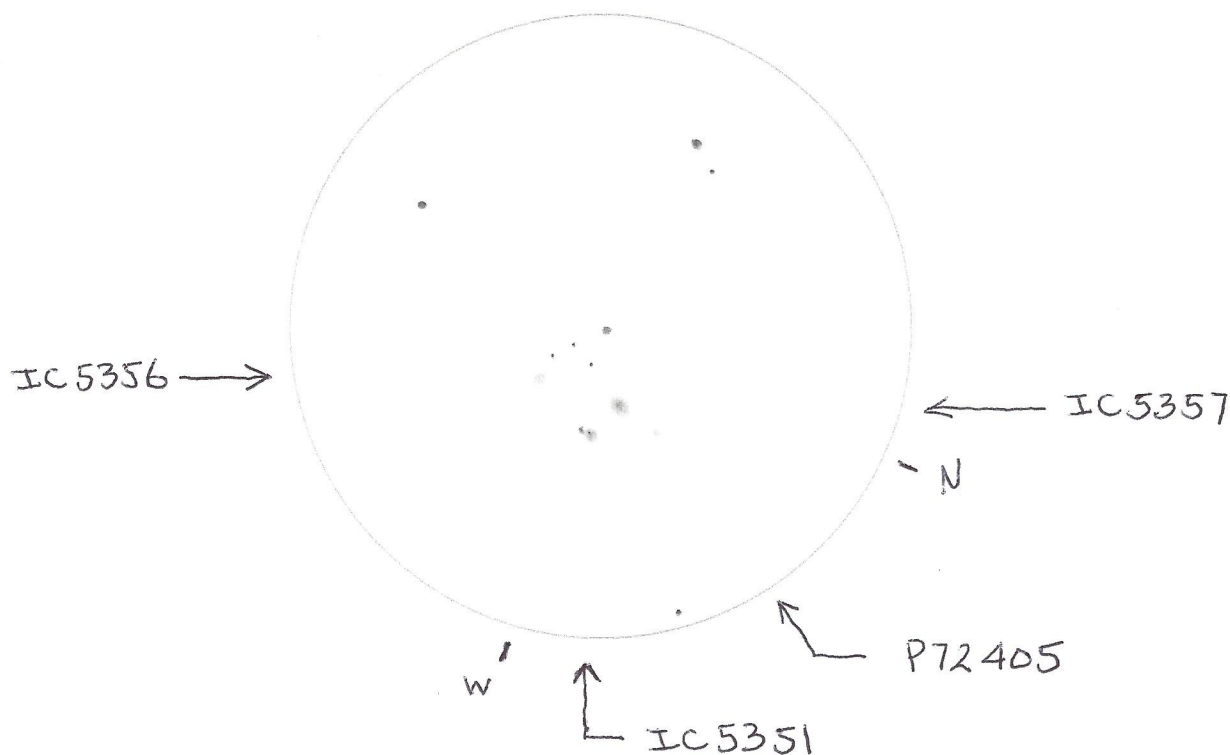


## GALAXY GROUPS & CLUSTERS OBSERVATION RECORD

Date: 22 October 2014  
 Time Started: 2027 CDT Time Finished: 2102 CDT  
 Location: Huntingdon, TN  
 Weather: Very clear & cool  
 Transparency (1-5): 5/5 Seeing (1-5): 3/5  
 Faintest Naked Eye Star: —  
 Telescope: 18" Obsession - f/4.5 - f/1.81"  
 Eyepiece: 9mm Televue Nagler Type 6  
 Magnification: 231x FOV: 21.3'

Object ID: Hickson 97  
 Coordinates: 23 47.4 -02.3  
 Constellation: Psc  
 Magnitude Range: 14.2 - 16.3  
 Size Estimate: 5'  
 No. of AV Galaxies: 3  
 No. of DV Galaxies: 1



Description (Pattern? Distribution even or uneven? Galaxies superimposed or signs of interaction? Nuclei, dust lanes, spiral arms? Estimate on AV scale): Small clump of galaxies consisting of one bright one surrounded by several dim ones.

IC 5357 - Direct vision (barely). Elongated halo SE/NW w/ brighter core,

IC 5356 - AV3. A faint, evenly bright halo w/ no discernable nucleus. Elongated NE/SW.

IC 5351 - AV3. Just to the north of a field star. Round halo w/ faint stellar nucleus. A little difficult to spot because of star,

Reference: P72405 - AV4. Small faint spot. Roundish  
Copyright © 2014 Robert D. Vickers, Jr.

IC 5359 not visible. Low surface brightness?