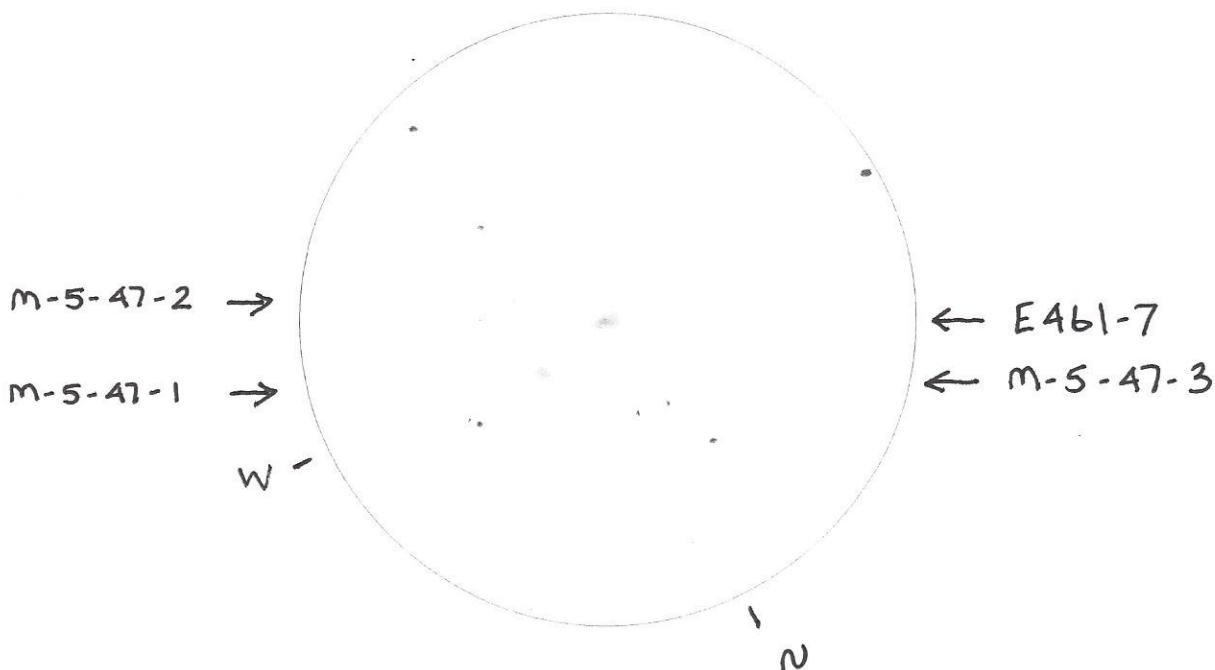


GALAXY GROUPS & CLUSTERS OBSERVATION RECORD

Date: 28 September 2013
 Time Started: 2000 CDT Time Finished: 2030 CDT
 Location: TLSP Pennyrite S.F., KY
 Weather: Very clear w/ approaching clouds
 Transparency: (1-5) 4.5 Seeing: (1-5) 3.0
 Faintest Naked Eye Star: _____
 Telescope: 18" Obsession - f/4.5 - f.l. 81"
 Eyepiece: 9mm Televue Nagler Type 6
 Magnification: 231x FOV: 21.3'

Object ID: Hickson 86
 Coordinates: 19 52.0 -30 8
 Constellation: Sgr
 Magnitude Range: 13.7 - 15.0
 Size Estimate: 4.7'
 No. Of AV Galaxies: 4
 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):

A fairly compact group with two brighter components and two dimmer ones.
 E461-7 - AV2 - Elongated wsw/ENE - largest & brightest
 m-5-47-3 - AV2 - Round & smaller than E461-7 but not much dimmer.
 m-5-47-1 - AV3 - small, dim smudge
 m-5-47-2 - AV3 - " " "

Reference: