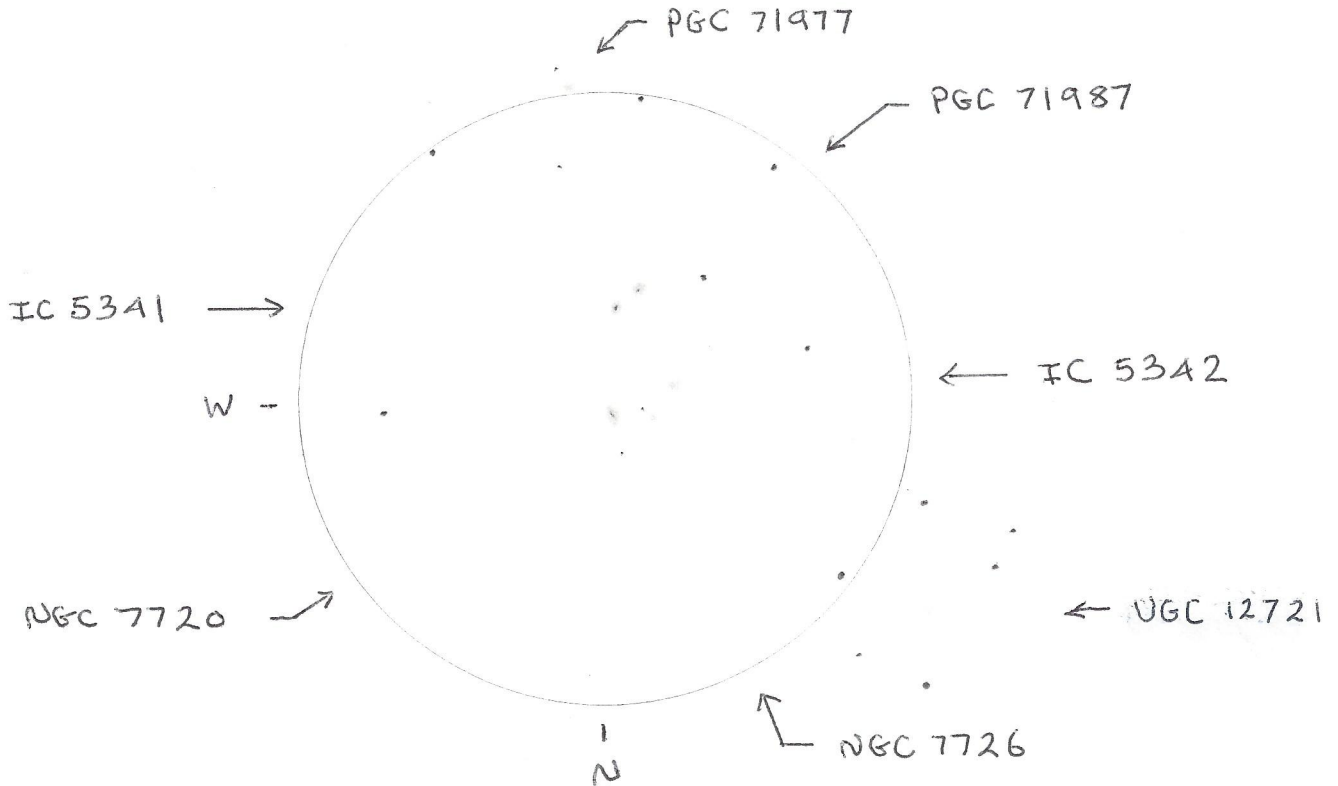


GALAXY GROUPS & CLUSTERS OBSERVATION RECORD

Date: 31 December 2013
 Time Started: 1849 CST Time Finished: 1942 CST
 Location: H/T
 Weather: Very clear & cold
 Transparency: (1-5) 5 Seeing: (1-5) 2.5
 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: A.L. GG&C Abell #48
 Pegasus II Galaxy Cluster (Abell 2634)
 Coordinates: 23 38.3 +27.0
 Constellation: Peg
 Magnitude Range: 12.4 →
 Size Estimate: 22'
 No. Of AV Galaxies: 7
 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 good collection of small but fairly bright galaxies into a central clump of five. More, dimmer galaxies scattered around.

- NGC 7720 - AV2, Fairly bright with nearly stellar nucleus, slightly elongated ^{SSW/NNE}
- IC 5342 - AV2, smaller, roundish but still fairly bright. No core visible.
- IC 5341 - AV3, Dimmer, small & roundish but with distinct stellar nucleus.
- PGC 71987 - AV3, Almost a twin of nearby IC 5341, but slightly dimmer with slightly dimmer stellar nucleus, small & round.
- PGC 71977 - AV3, Just a smudge that seems slightly elongated E/W, No core or nucleus visible.
- Reference: NGC 7726 - AV4, small, slightly elongated NNW/SSE, Low surface brightness, No core or nucleus visible, Dim field star to SW.
- UGC 12721 - AV4, A large but dim haze elongated WSW/ENE, Low surface brightness, Even brightness throughout.