

Introduction.

Challenge your observing skills with this new observing guide of 99 Hickson DSS images and Megastar charts. Megastar charts guide you through the universe for these deep sky objects: 50 galaxy trios, 50 galaxy groups and 50 Abell clusters.

This program of 250 galaxy groups and clusters is designed for detailed visual and/or CCD observation. Intended for the mid-level to advanced amateur this guide and program will challenge and enhance ones observing skills. It provides not only concrete observing methods and techniques, but also historical facts on galaxy groups and their observers. For a more in depth description of this program you may want to visit the Galaxy, Groups & Clusters Website.

If you are ready to step beyond the Herschel objects and further challenge and enhance your observing skills then this program is for you!

New Rules!

To receive a GGC Observing Certificate you must observe at least 30 objects in one of the four categories. To receive the pin as well, a total of 120 galaxy groups: 30 from each of these four catalogues (Galaxy Trios, Hickson Groups, Additional Galaxy Groups, and Abell Clusters) is required. All of the Galaxy Trios except IC 2375/ 77/ 79 are included in Uranometria 2000.0 and should be relatively easy to find. We have provided MegaStar finder charts for groups in the other three categories. **All** award winners will have their name entered on the GGC Awards web page.

Note: There are two categories of search methods for this program, "Manual" and "Device-Aided." To be considered for the "Manual" certificate, ALL of the objects must be observed manually. Visit the GGC website for details.

By Robert McGown and Miles Paul, 152 pages, Published by the Astronomical League. Copyright 2002, Second Edition.