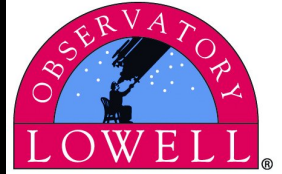


LITTLE THINGS and LARI

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LITTLE THINGS

We have assembled a multi-wavelength dataset on 41 relatively normal, nearby, gas-rich dwarf irregular galaxies for the purpose of determining what drives the formation of new stars in these systems. This project is called LITTLE THINGS (Local Irregulars That Trace Luminosity Extremes, The HI Nearby Galaxy Survey). As part of this project, we have enlisted the help of amateur astronomers to obtain deep optical images of these galaxies over a large field of view. The purpose is to determine if there are any companion galaxies that our galaxies are interacting with. This is part of the Lowell Amateur Research Initiative (LARI) that partners amateurs and professional astronomers in collaborative research projects. Here we show the images that have been taken so far. No unknown companions have been revealed yet.

Images by Wong using a Vixen 102-ED refractor. Exposure times range from XX to XX hours. The field of view is XX degree by XX degree.

Images by Leshin using a RCOS f9 14.5". Exposure times range from 36 to 45 hours. The field of view is 0.6 degree by 0.75 degree.

DDO 50



WLM



DDO 70



Haro 36



Nearby dwarf

NGC 6822

DDO 216



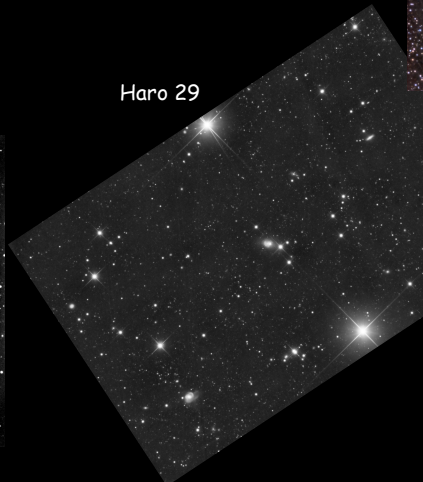
LGS3



IC 1613



Haro 29



DDO 187



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