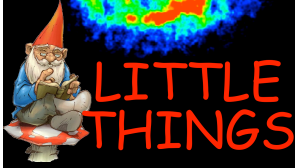
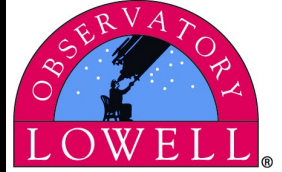


The LITTLE THINGS Survey

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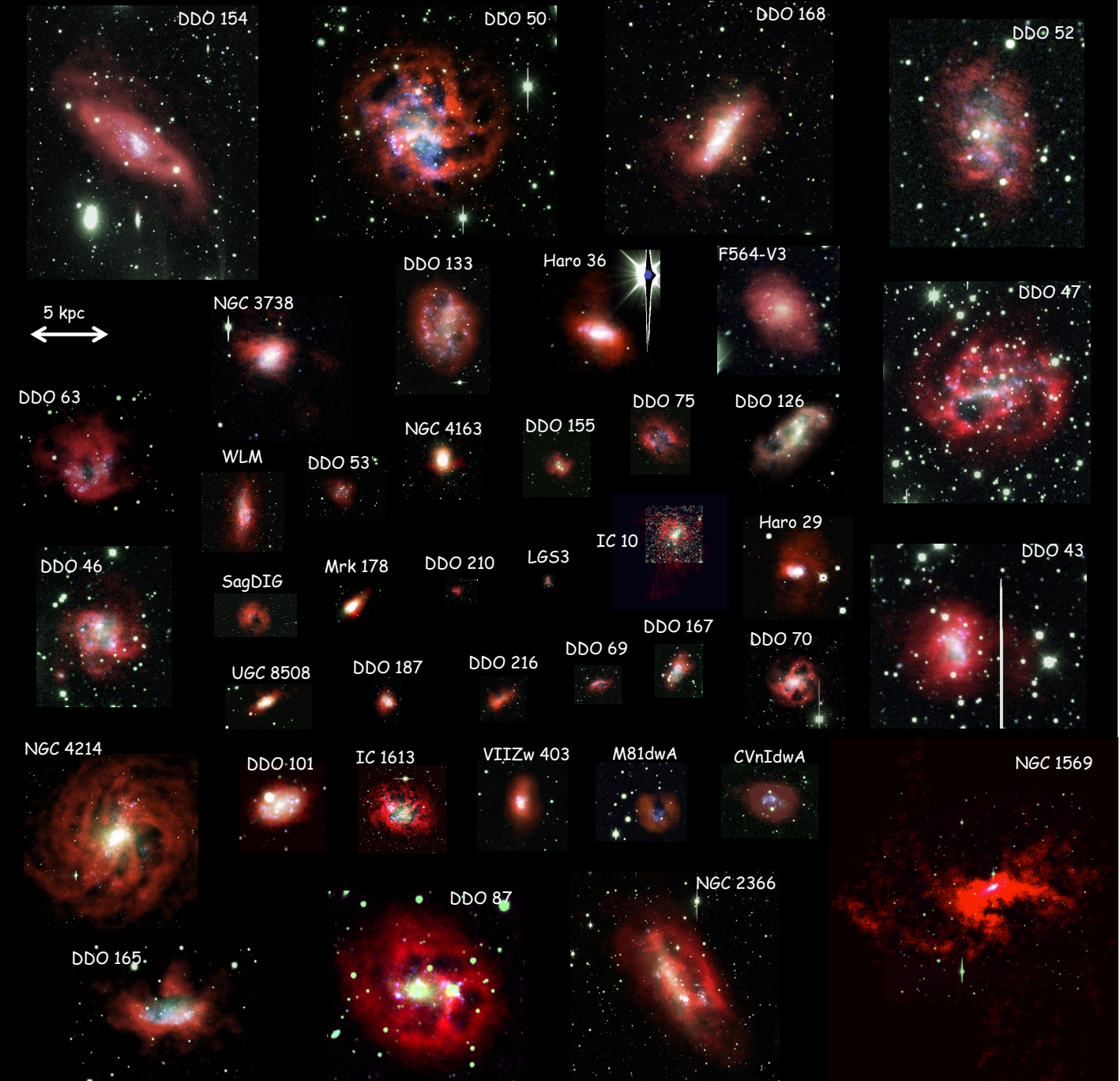
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ABSTRACT

We have assembled a multi-wavelength dataset on 41 relatively normal, nearby (<10 Mpc) gas-rich dwarf irregular galaxies for the purpose of determining the drivers for star formation in these systems. This project is called LITTLE THINGS (Local Irregulars That Trace Luminosity Extremes - The HI Nearby Galaxy Survey). Our data include GALEX UV images, ground-based UVB and H α images, some ground-based JHK images, Spitzer archival mid-IR images, and HI-line maps. The VLA HI maps go deep (12/6/2 hrs in B/C/D arrays) with high spectral resolution (≈ 2.6 km/s) and high angular resolution ($\approx 6''$). Our datasets trace the stellar populations, gas content and structure, dynamics, and star formation indicators in the galaxies. The data are available to the public: <http://science.nrao.edu/science/surveys/littlethings>.

All images are shown at the same linear scale (courtesy Kim Herrmann). HI (red), V (green), FUV (blue; a few are H α or NUV instead)



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