

Abstract Submitted
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An Investigation of the Canis Major Overdensity W. LEE POWELL JR., RONALD WILHELM, KEN CARRELL, Texas Tech University — Using 2MASS colors Martin et al. (2004) uncovered evidence for a remnant dwarf galaxy in Canis Major, in the form of an overdensity of M-giant stars. The spatial distribution of the M-giants indicate an extended, and likely disrupted, group of stars extending over roughly 30 degrees of the sky. We present new photometry and color magnitude diagrams for various Canis fields obtained at McDonald Observatory and Cerro Tololo Inter-American Observatory. We also obtained spectra at McDonald Observatory of blue stars selected from the photometry. I present kinematic results.

W. Lee Powell Jr.
Texas Tech University

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