

A DEEP OBJECTIVE PRISM SURVEY OF TWO REGIONS IN THE LARGE MAGELLANIC
CLOUD FOR OB AND SUPERGIANT STARS

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Two regions in the Large Magellanic Cloud (centered at $\alpha = 5^{\text{h}} 11^{\text{m}}$, $\delta = -66^{\circ} 08'$ (34B), $\alpha = 5^{\text{h}} 27^{\text{m}}$, $\delta = -72^{\circ} 15'$ (47B) have been searched for OB and supergiant stars. A catalogue of 312 stars is presented in which objective prism spectral types, positions (1975), approximate B magnitudes and cross identifications are given. About half the stars catalogued in each area are OB stars, the remainder are supergiants. The region at $\delta = -72^{\circ}$ has two to three times as many F and G-type supergiants as the region at $\delta = -66^{\circ}$.

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