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BD $-6^{\circ}4932$, A NEW VARIABLE STAR

During the course of photoelectric photometry of the eclipsing binary BS Sct, it was discovered that the comparison star BD $-6^{\circ}4932$ (= HD 174553) is variable. The purpose of this note is to alert photometric observers, because BD $-6^{\circ}4932$ is (otherwise) a very attractive comparison star, not only for BS Sct but also for M11. In fact it was used as the reference star in the photometric study of M11 by Johnson, Sandage, and Wahlquist (Ap.J. 124, p.81). The preliminary ephemeris for maximum light is JD (hel.) $2,440,389^{\text{d}}731 + 0^{\text{d}}1591$. The range of light variation is about $0^{\text{m}}10$ in V, and may be variable. Further details will be published elsewhere later.

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