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ON THE VARIABILITY OF HD 66194 AND OF HD 101158

We report on the photometric variability of two stars observed in January 1977 at La Silla, Chile using the Bochum University 61 cm telescope. Observing and reduction procedures follow those outlined by Stift (1978).

A member of the open cluster NGC 2516, HD 66194 has been classified B2IVpne₁₊ by Hiltner et al. (1969). Being one of the less spectacular emission line B-type stars it has been little observed so far. Photoelectric photometry, mainly carried out by Feinstein (1968) and Dachs (1970), indicates a total amplitude of $\Delta V \sim 0^m.10$ and marginal colour variations on an unknown time scale. Photoelectric H α scans have been reported by Dachs et al. (1977); they suggest variability within a few days. On January 16, 18, 19, 20, and 21 photoelectric observations of HD 66194 were obtained relative to HD 66341, a B8III star. A gradual fading by $\sim 0^m.03$ in *UBV* between January 16 - 19 was followed by an interval of constant brightness from January 19 - 21. The photometric behaviour of HD 66194 thus appears quite similar to that of most Be stars with well-known photometric variations : variability occurs on the time scale of a few days, overall amplitudes rarely exceed $0^m.1$.

Classified FOV in the *Michigan Spectral Catalogue*, HD 101158 is a southern star of photographic magnitude 7^m.6 for which no photoelectric measurements are available. It was used as a secondary comparison star for differential photometry of Przybylski's star, HD 101065, from January 3 to

January 11. Throughout this observing run HD 101158 displayed low-amplitude short-term variations. Starting at J.D. 2443149.794 it brightened by $0^m.04 - 0^m.05$ in *UBV* in an interval of ~ 1 hour. Air mass differences and/or amplifier settings cannot account for such variations; the constancy of the control star HD 100367, an AOV star, was checked against several other stars. Thus there is a very strong case for short-term low-amplitude variability of HD 101158.

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