

COORDINATED OBSERVATIONS OF PECULIAR STARS

During 1978 coordinated observations have been obtained at ultraviolet (IUE), visual and infrared wavelengths for the peculiar stars η Car (end of May), HR 5999 (May), Z And (May-July) and HD 200775 (August). Several astronomers of different institutions have actively collaborated to the program. Only η Car was observed with IUE at high resolution. Simultaneous Coude spectra, Stromgren and infrared photometry were secured at ESO. The variable shell star HR 5999 (V856 Sco) was monitored during several weeks from the ultraviolet to the infrared. Low resolution IUE and optical spectra, and infrared photometry have been obtained for the symbiotic star Z And and for the B3e star HD 200775.

We are presently organizing new campaigns for coordinated observations of peculiar stars. η Car will be observed again with IUE on February 17, 1979, and simultaneous high dispersion optical spectra would be of particular interest.

Those interested in this program are invited to contact the undersigned.

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