

ROYAL ASTRONOMICAL SOCIETY OF NEW ZEALAND.

VARIABLE STAR SECTION.

CIRCULAR No. 143.

PHOTOELECTRIC OBSERVATIONS.

The following photoelectric observations have been made by G. Christie and B. Menzies at the Auckland Observatory. The 50cm Zeiss Cassegrain reflector was used with V filter on EMI 9502 SA tube. The observations were made during the course of the sequence programme devoted to securing accurate magnitudes of comparison stars in variable star fields.

The accuracy for these observations is considered to be better than ± 0.05 mag.

<u>STAR.</u>	<u>J.D.</u>	<u>MAG. (V).</u>
022260	S Hor. 2,440,	527.0 9.84
		533.9 10.03
		560.9 10.69
		568.9 11.01
035855	T <i>R</i> et.	534.1 10.13
		561.0 10.28
		569.1 10.22
		582.9 9.86
040971	VW Hyi.	582.9 13.27
044555	SU Dor	583.0 11.33
		589.0 11.58
063942	RV Pup.	583.0 9.97
		589.0 9.78
		596.0 9.62
080637	AS Pup.	583.1 9.89
		597.1 9.75
085441	CU Vel.	602.1 14.79
122657	U Cru.	463.9 12.66
214136	RY PsA.	422.1 12.49
		464.0 10.29
		478.0 10.03
		484.0 9.92
		526.9 11.48
		533.9 11.86
		560.9 13.80
220067	SS Ind.	527.0 9.30
		533.9 9.10
		554.9 9.26
		560.9 9.46
221460	AA Tuc.	463.9 12.62
		478.0 12.26
		526.9 10.00
		533.9 10.06
224834	ST PsA.	478.0 10.72

1970 February 3.

Frank M. Bateson.

Director.

18 POOLES ROAD,
GREERTON.
TAURANGA,
NEW ZEALAND.