

ROYAL ASTRONOMICAL SOCIETY OF NEW ZEALAND.

VARIABLE STAR SECTION.

CIRCULAR No. 166.

PHOTOELECTRIC OBSERVATIONS.

The following photoelectric observations have been made by 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 of these observations is considered to be better than ± 0.05 mag.

<u>STAR.</u>	<u>J.D.</u>	<u>MAG (V).</u>
044555 SU Dor	2,440,610.84	12.58
063942 RV Pup	610.96	9.45
	617.84	9.02
065766 T Vol	946.95	8.98
110254 RW Cen	687.95	9.12
	722.87	8.89
	750.83	8.73
124728 EX Hya	715.98	13.81
	722.97	13.92
131360 TT Cen	716.02	9.70
	723.01	9.72
131360 V398 Cen	716.03	11.13
	723.01	11.20
155037 RU Lup	718.08	11.35
	723.06	10.88
184819 FN Sgr	723.17	12.30
200157 BR Pav	730.12	11.28
202228 RS Mic	730.17	10.97
Suspected Variable --- Cen (Circ 132)	785.87	11.78

Frank M. Bateson

Director.

1971 January 12

18 POOLES ROAD,
GREERTON.
TAURANGA.
NEW ZEALAND.