

ROYAL ASTRONOMICAL SOCIETY OF NEW ZEALAND.

VARIABLE STAR SECTION.

CIRCULAR No. 161.

NOVA SCUTI 1970.

An astrogram received via the Carter Observatory advises that Alcock has discovered a Nova with visual magnitude 6.9 on July 31.

Position (1970):- 18h 43.1m S. 8° 36'

The following visual estimates have been received:-

1970 August 3.3958 U.T.	Mag. 8.0	V.L. Matchett
4.3924	7.9	V.L. Matchett

COMPARISON STARS:-

The following accurate magnitudes of suitable comparison stars can be used either photoelectrically or visually.

STAR.	R.A. 1900	DEC. 1900	V.	3D
HD 173009	18h 38.1m	S. 08° 22'	4.88	
174464	45.4	09 53	5.82	-
174208	44.3	06 01	5.99	-
172831	37.2	07 10	6.14	- 07° 4670
173093	38.5	06 55	6.30	- 06° 4859
174866	47.6	09 42	6.33	- 09° 4876
173744	41.8	06 00	7.05	- 06° 4897
172488	35.4	08 49	7.62	- 08° 4675
174886	47.7	10 21	7.73	- 10° 4742
173219	39.1	07 13	7.80	- 07° 4617
172403	34.9	09 14	8.48	- 09° 4870
173987	43.2	06 34	8.92	- 06° 4870
172010 173010	38.1	09 26	9.18	- 09° 4800
173637	41.2	08 02	9.35	- 08° 4702
173319	39.5	07 41	9.44	- 07° 4622
172427	35.0	10 48	9.46	- 10° 4740
173203	39.0	08 27	9.98	- 08° 4690
DB -7° 23	39.0	07 12	10.23	
BD -8° 4691	39.1	08 01	10.27	- 08° 4691
BD -6° 4856	38.2	06 21	10.60	- 06° 4856
...	38.2	08 15	12.01	
...	38.2	08 19	12.09	

1970 August 5

Frank M. Bateson.
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