

VARIABLE STAR SECTION.

CIRCULAR No. 122.

090031 T PYXIDIS.

The following observations have been recorded.

<u>1966 U.T.</u>	<u>MAG.</u>	<u>OBSERVER.</u>	<u>NOTES.</u>
MARCH 19.38	14.5 ptg	Plate by Thomas; mag. estimate by Bateson.	(1)
DEC. 7.64	12.9 v	A.F. Jones; discovery of brightening	(2)
	9.44	9.1 v	A.F. Jones
	9.45	9.3 v	Bateson
	9.46	9.2 v	Bateson
	9.47	9.2 v	Bateson
	9.48	9.2 v	Bateson
	9.49	9.2 v	Bateson
	9.55	9.2 v	Bateson
	9.61	9.6 ptg.	Plate by Thomas; mag. estimate (3) by Bateson.
	9.62	8.8 v	A.Jones

NOTES:-

- (1) From Southern Photographic Atlas Plate taken at the Mount John University Observatory by A.J. Thomas. Exposure 90 minutes on 103A-o plate. Plate was rejected because of poor images and magnitude is therefore approximate.
- (2) From Circular 121, VSS, RASNZ, 1966 Dec. 8. First report of possible brightening from A.F. Jones.
- (3) From plate kindly taken by A.J. Thomas at the Mount John University Observatory at my request. Exposure 30 mins. Plate 103A-o. Magnitude estimate from inspection and comparison with Cape SPg magnitudes of field stars.

.....

It seems possible that this recurrent nova will increase to visual magnitude 7 or possibly 6. If it follows the pattern of previous outbursts the star will fluctuate and gradually decline like a slow nova. Members are requested to observe the star on every possible occasion using the comparison stars shown on the chart issued with Circular 121.

Observations should be communicated to the Director as early as possible, and, for preference, separately to the normal monthly reports made by observers.

1966 December 10

F.M. BATESON.
Director.

P.O. Box 33,
LAKE TEKAPO.
NEW ZEALAND.