

(Section A, TA Supplementary Sub).

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# The Astronomer

Founded 1964

## PROBABLE NOVA IN CYGNUS

Kosai telexes that Honda has discovered a probable nova in Cygnus as follows:

1980 Nov. 29.41841UT

R.A. 21<sup>h</sup>40<sup>m</sup>7<sup>s</sup> DEC. +31°15' (1950).  $m_v$  10.0

The object is reported to be slowly increasing in brightness.

A preliminary chart appears opposite with the following very tentative sequence:

A: 7.2; B: 8.1; C: 8.4; D: 8.7;

Visual results and possible pre-discovery negatives should be sent to the Editor as soon as possible. If the nova is fainter please send chart with labelled comparisons and full estimate for later reduction.

## SUPERNOVA IN NGC 6946

Further to the announcement in EWC 42 and 44, a detailed chart and extended sequence is given below:

9: 12.9; 10: 13.5; 11: 13.7; 12: 13.9; 13: 14.4; 14: 14.9; 15: 15.5.

Collation and analysis of all visual and photographic results is being undertaken by the Editor in conjunction with work at the RGO to whom an analysis of all results will be sent. Please make every effort to follow the supernova as it fades and continue to send in reports weekly. In the case of photos please send negatives and include written permission for these to be sent to the RGO on loan where necessary.

## EDITORIAL

Due to heavy commitments some recent renewals paid may not yet have been recorded. Please ignore renewal notice if remittance sent recently. May I take the opportunity of wishing all subscribers to the supplementary service of TA a very happy Christmas with good luck in your observing during 1981.

GUY. M. HURST.

