

COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS
NUMBER 389

Konkoly Observatory
Budapest
1969 October 4

A NOVA IN SAGITTARIUS

Patrol plates of the Galactic centre taken by R.G. Welch of Auckland 1969 June to September have revealed a probable nova. The approximate co-ordinates for 1950 are: R.A. $18^h 28.3^m$ Dec. S. $32^\circ 38'$. The following approximate photographic magnitudes have been found:

<u>1969 U.T.</u>	
June 19.46	11 ?
July 4.46	8.1
11.43	6.5
20.44	7.6
Sept. 16.43	10.5

Exposure times varied from 8 to 14 minutes. Cameras were Heliar anastigmat 7in, f/4.3 and Petzval type 8.4in, f/4.2. The discovery was only made in September when Welch compared photos taken on July 20 and September 18.

A photoelectric observation at the Auckland Observatory on September 20.4 (U.T.) using B.D. -32° 14235 as a comparison star gave the V magnitude as 11.3; B-V=-0.061; U-B = -0.478. The observation was made by Menzies and Christie and reduced by Walker.

FRANK M. BATESON
Director.
V.S.S., R.A.S.N.Z.
1969. October 6

18 Pooles Road,
GREERTON, TAURANGA, NEW ZEALAND.