

COMMISSION 27 OF THE I. A. U.  
INFORMATION BULLETIN ON VARIABLE STARS  
NUMBER 563

Konkoly Observatory  
Budapest  
1971 June 26

VARIABLE 14 IN THE GLOBULAR CLUSTER M5

This note is to call attention to an interesting feature of Variable 14 in the globular cluster M5 = NGC 5904 (Bailey, 1917). The period of this star has been given by Coutts and Hogg (1969) as 0.49 days, a period characteristic of an RR Lyrae variable. However, from the UBV colors of the star obtained by Arp (1962, where it is star II-51) its position in the H-R diagram of the cluster is not in the region of the RR Lyrae variables but rather somewhat redder and brighter, in the neighborhood of the Asymptotic Branch. This has recently been confirmed by measurements with the David Dunlap Observatory intermediate-band photometric system from which were determined an effective temperature of the star of around  $5200^\circ$  and a surface gravity of  $\text{Log } g = 0,8$  in CGS units (Osborn, 1971). These data would be more consistent with the star being a W Virginis type variable, and in view of the comments concerning the period by Coutts and Hogg (1969) and Bailey (1917) it is possible that the period is in error. In any event, however the unusual position in the H-R diagram makes the star an interesting candidate for further study.

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