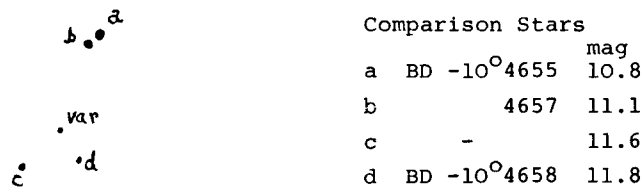


COMMISSION 27 OF THE I. A. U.
 INFORMATION BULLETIN ON VARIABLE STARS
 NUMBER 724

Konkoly Observatory
 Budapest
 1972 October 12

VARIABILITY OF BD -10°4662 CONFIRMED

At the request of Dr. George H. Herbig BD -10°4662 (cf. IBVS 545, 559, and 570) has been examined on plates at the Maria Mitchell Observatory. Some 210 plates taken since 1920 show the variable, most of them near the plate edges where the definition is not good. The chart shows the variable and the adopted comparison stars, whose photographic magnitudes are only crudely estimated from S.A. 134 some 5° away. The variable is usually between b and c in brightness, 11.3 to 11.5 mag. On three nights it was distinctly brighter than b, at an estimated 10.9 mag. Although the magnitudes as such are not very reliable, the variability of BD -10°4662 is obvious - a probable flare type star.



Comparison Stars		
		mag
a	BD -10°4655	10.8
b	4657	11.1
c	-	11.6
d	BD -10°4658	11.8

			mag
6 September	1927, J.D.	25130.531	10.9
27 August	1930	26216.562	11.2
		.608	10.9
		.652	11.0
30 September	1953	34651.526	10.9

8 June 1972

DORRIT HOFFLEIT
 Maria Mitchell
 Observatory