

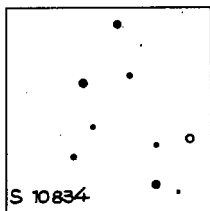
COMMISSION 27 OF THE I. A. U.  
 INFORMATION BULLETIN ON VARIABLE STARS  
 Number 1731

Konkoly Observatory  
 Budapest  
 1980 January 21

A NEW FLARE STAR IN THE PRAESEPE CLUSTER (= S 10834)

On a blue plate (ORWO-ZU2+filter GG13) with 5 exposures from 1978 March 1 taken with the 200 cm telescope at Karl-Schwarzschild Observatory (Ziener, Lochno) a new flare star was discovered. Its behaviour on this plate and further flares observed on blue plates of the 50/70/172 cm Schmidt-type telescope at Sonneberg Observatory in the period from 1977 March 8 to 1979 March 23 can be seen from the table which summarizes the Julian Dates of the middles of the exposures, their duration and the brightness in B. The mean brightness in minimum amounts to  $B=18^m.04$ .

The position of the new flare star is given to  
 $8^h32^m82 + 18^{\circ}48'7 (1900.0)$ .



The identification chart, comprised in the Figure, represents an area of approximately  $7' \times 7'$ . North is on the top.

Table					
J.D. 244...	B	Exp.time (min.)	J.D. 244...	B	Exp.time (min.)
3569.311	$18^m.09$	2	3485.488	$17^m.21$	60
313	17.98	2	3524.483	17.10	60
315	18.02	2	3596.329	17.21	60
317	17.21	2	3933.356	17.10	30
319	17.54	2			

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