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 INFORMATION BULLETIN ON VARIABLE STARS

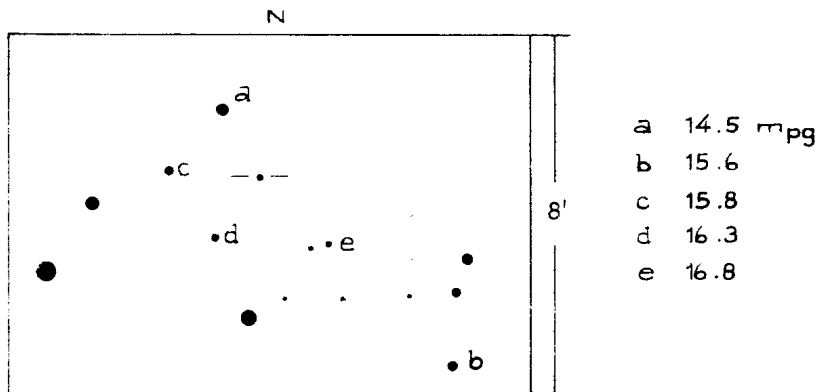
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FO And - PROBABLY A NEW MEMBER OF THE  
 SU UMA SUB-GROUP OF DWARF NOVAE

The SU UMA type dwarf novae are characterized by ultra-short orbital periods, two types of outbursts (normal ones and supermaxima) whose widths differ by more than a factor 5, and short cycle lengths of normal eruptions compared with those of supermaxima (Vogt, Astron. Astrophys., 88, 66-76, 1980).

On 257 plates of the field  $\beta$  And taken with the Sonneberg 40 cm astrographs from 1964 to 1984, FO And shows short eruptions of cycle lengths between 15 and 23 days and widths between 1 and 2 days. In the intervals JD 243 9051 ... 9063 and 244 5225 ... 5238 I observed 2 well-defined supermaxima. On Sonneberg sky patrol plates I observed a further supermaximum on JD 243 9801 ... 9803.



The brightness during the supermaxima is about 13.8  $m_{pg}$ , in the minimum the star varies between 17.5 and 18.0  $m_{pg}$ . More details will be given in a

forthcoming paper in Mitt. veränderl. Sterne.

Photoelectric observations of FO And are very desirable.

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