

ROYAL ASTRONOMICAL SOCIETY OF NEW ZEALAND.

VARIABLE STAR SECTION.

CIRCULAR No. 162.

FLARE STAR PROGRAMMES 1971.

Members are asked to take part in the following international co-operative programmes in 1971:-

YZ CMi	January 16 to February 2
AD Leo	February 18 to March 4.
V645 Cen	April 18 to May 2
V1216 Sgr	June 16 to June 30
UV Cet	October 11 to October 27

N.Z. observers have already been notified by letter concerning programmes scheduled for January and February. Initially it was arranged that YZ CMi should also be observed from February 19 to 25 to coincide with observations from SAS-A spacecraft. This satellite was also to observe YZ CMi in January and AD Leo in February.

Under date, 1971 January 11, advice was received from the Smithsonian Institution that the SAS-A X-ray satellite has an instrumental problem (over heating when the spacecraft is pointing at the Sun at certain angles) and it will not be possible to make X-ray observations of YZ CMi before March (or of AD Leo before April).

The ground based programmes, as listed above, will be carried out. Additional information will appear in a later Circular regarding any co-operative programmes with the spacecraft when this is arranged.

Observers are requested to forward results as soon as possible after each programme. Previous instructions should be followed and observations can be photoelectric, photographic or visual. Charts for the above stars have been published in Series 5 of "Charts for Southern Variables."

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Director.

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