

Astronomical Society of South Africa (Cape Centre)

Twenty-seventh Session

Minutes of Second Ordinary Meeting.

The second Ordinary Meeting of the Session took the form of a combined meeting with the Photographic Society in the Mountain Club room at Yorkshire House, 38 Strand St, Cape Town on Wednesday the 11th September 1940 at 8.15 P.M. A fair number of our members were present.

Capt. Cameron-Horan and Mr. Scharegovel had the honour of being appointed judges in two lanternslide competitions of the Photographic Society.

Mr. van Oudtshoorn, the Chairman, ~~to~~ extended a welcome to Dr. Jackson and other members of the Cape Centre.

Dr. Jackson, in a talk to members on the eclipse of October 1, stressed the point that although only 6% of the sun's disc would be visible from ~~the~~ Cape Town at mid-phase, yet this amount of light ~~would~~ was equal to 60,000 full moons.

It was inadvisable for anybody to gaze at the Sun without the aid of smoked glasses or other semi-opaque media, during an eclipse. The most marked effect of the eclipse at Cape Town would be the change in the quality of the sunlight near mid-phase. The light from the sun would be more yellow than usual, and this would alter the colour of the landscape to a certain extent.

A full description of the phenomena attendant on a total solar eclipse was given. Dr. Jackson ~~said~~ gave reasons why the S. African eclipse was a good one for astronomers, the chief reasons being a good chance of a clear sky prevailing at the time, a good water supply and dry atmosphere, the ~~no~~ moderately long duration of

the total phase and the satisfactory altitude of the sun.

A number of slides of ~~so~~ the eclipsed sun and of drawings of the Corona were shown on the screen.

At the conclusion of the lecture, Dr. Jackson answered several questions put by the audience, who accorded the ~~speaker~~ lecturer a very hearty vote of thanks for the interesting and instructive address.

This concluded the meeting.

1940 Oct 16.

J. Jackson

Committee Meeting.

At a meeting of the Cape Centre Committee held at the Royal Observatory on Monday the 23rd September 1940 at 8.15 P.M., the name of Mr. James J. T. Perkins ^{of High St., Worcester} proposed by Mr. R. P. de Kock & sec. by Mr. Henries, was considered and passed for election.

J. Jackson