

Royal Astronomical Society,

BURLINGTON HOUSE, LONDON,
W.

March 1876

SIR,

The periodicity of the changes in the colour and markings upon the planet JUPITER, and the connection that has been suggested between them and solar phenomena, render it most desirable that a general system of observation of the planet should be organised. To this end, Dr. LOHSE, in the year 1873, appealed to Astronomers in the Northern Hemisphere, and a response was made which has enabled him to collect and put on record many valuable descriptions and drawings of the planet's appearance since that time.

The Royal Astronomical Society of London is deeply impressed with the importance of the question, and to assist in carrying out the plan of International Observation suggested by Dr. LOHSE, it has appointed us as a Committee to endeavour to enlist the sympathies of Observers generally, so as to obtain as extensive a series of observations as possible.

The southern declination of the planet will for a few years prevent satisfactory results being obtained in Europe, and we therefore desire to appeal to Southern Observers to continue the work already begun.

Drawings of the planet's appearance should be made as frequently as possible, giving in all cases the Local or Greenwich mean Time of the sketch, with particulars of the instrument and power employed, and the state of atmospheric definition.

Careful notes of the tints and colours of the belts are most important.

Particular attention is requested to the occurrence of the small bright spots, first observed by Mr. LASSELL, and to the approximate Jovicentric latitudes in which these spots appear; also to small black spots which are occasionally seen in the equatorial zone.

The phenomena presented by the satellites in transit, and their varying brightness considered with respect to their orbital position, are matters on which accurate observations are much desired.

To ensure uniformity, we beg to send you some forms on which drawings can be made. These have a polar flattening of one-sixteenth. In all cases the north and south poles of the planet should be indicated in the drawing.

All drawings and communications should be sent to "The Secretary of the Jupiter Committee," Royal Astronomical Society, Burlington House, London, W.

We have the honour to be, Sir,

Your obedient servants,

WM. HUGGINS,
E. B. KNOBEL,
LINDSAY,
OSW. LOHSE,
A. C. RANYARD,
ROSSE,
F. TERBY,
T. W. WEBB.

Prof. P. Tacchini

19 Aprile
 27. aprile
 11. Maggio
 18. Maggio
 24 Maggio
 29. Maggio
 6. Giugno
 10. Giugno

6 Giugno
 Con MS = - 46^m 33^s 96

24 maggio

- 45. 45, 51

16^h 26^m 0^s 00

~~45. 45, 51~~
 15. 40. 14, 49

4. 9. 33, 36

11. 30. 41, 13

10^h 58^m 11^s 87

29. 55, 08

29. 40, 89

11. 28. 47, 94

11. 28. 21, 50

a = + 26, 44

6 giugno

16^h 13^m 37, 0

- 46. 33, 96

15. 27. 31, 04

5. 0. 48, 61

10. 26. 14, 43

9. 58. 21, 70

25. 55, 74

13, 96

10. 24. 31, 80

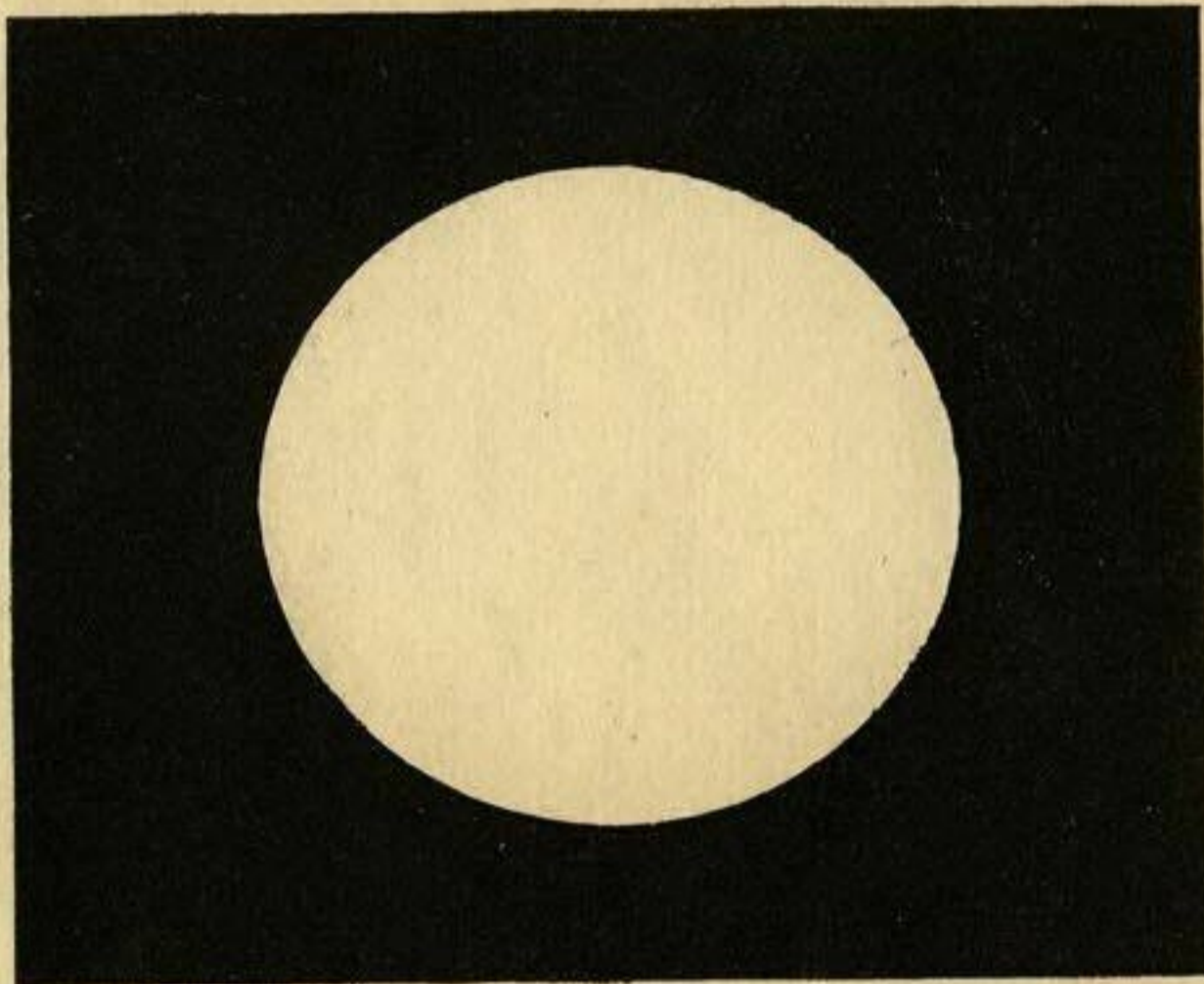
10. 21. 0, 80 + 3^m 31, 80

JUPITER.

Observed at

187

G. M. T.

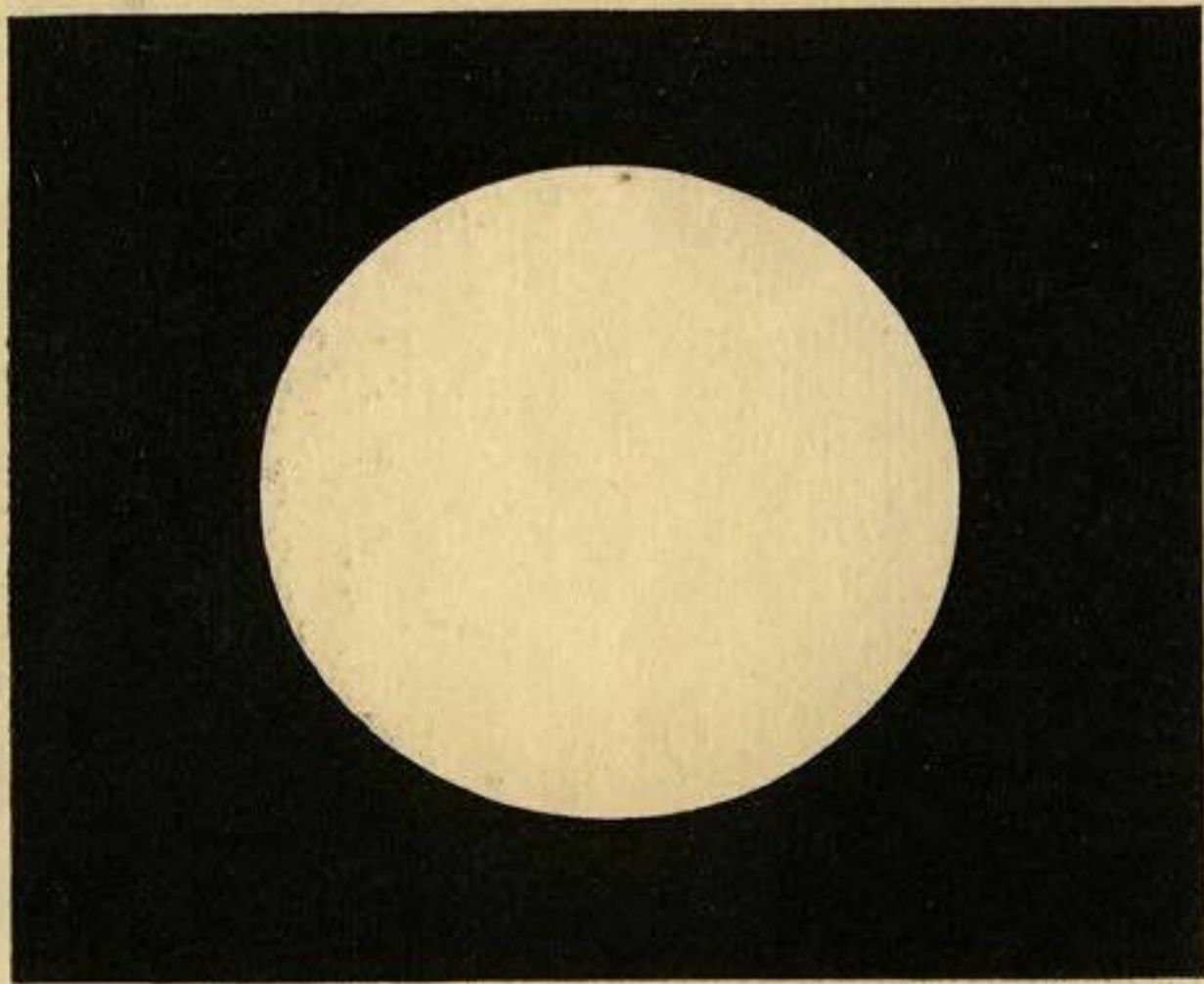


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Remarks:

187

G. M. T.



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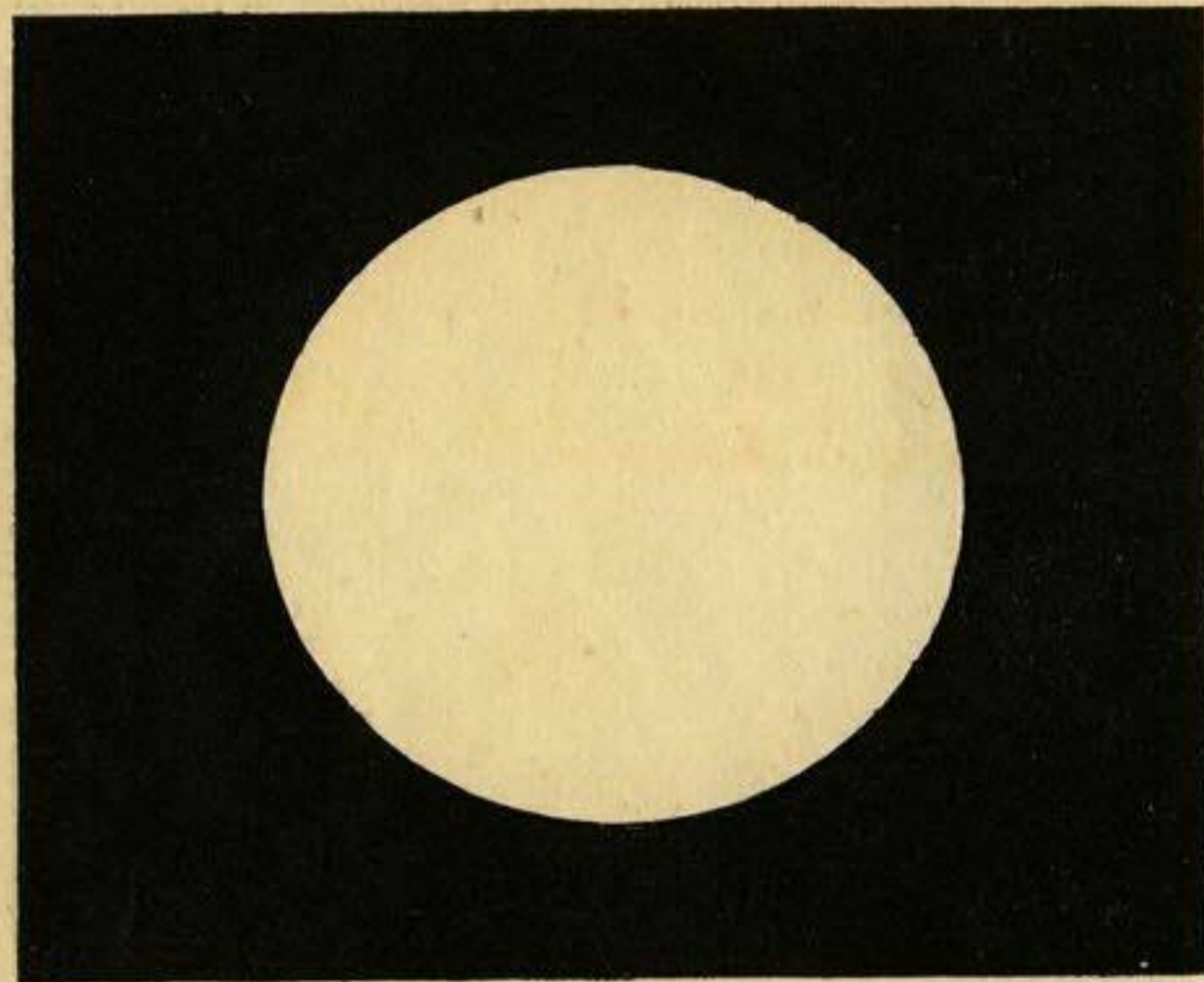
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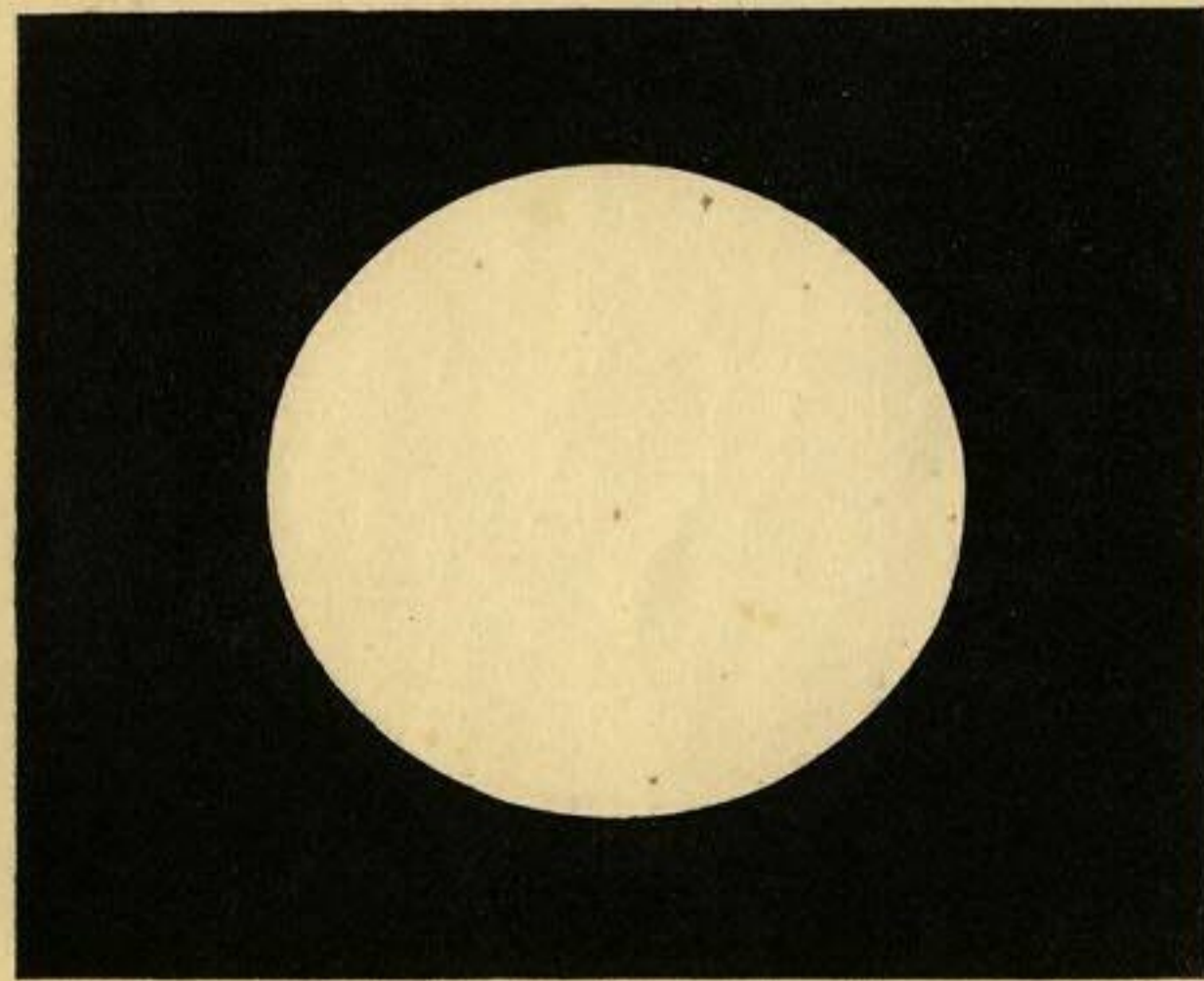


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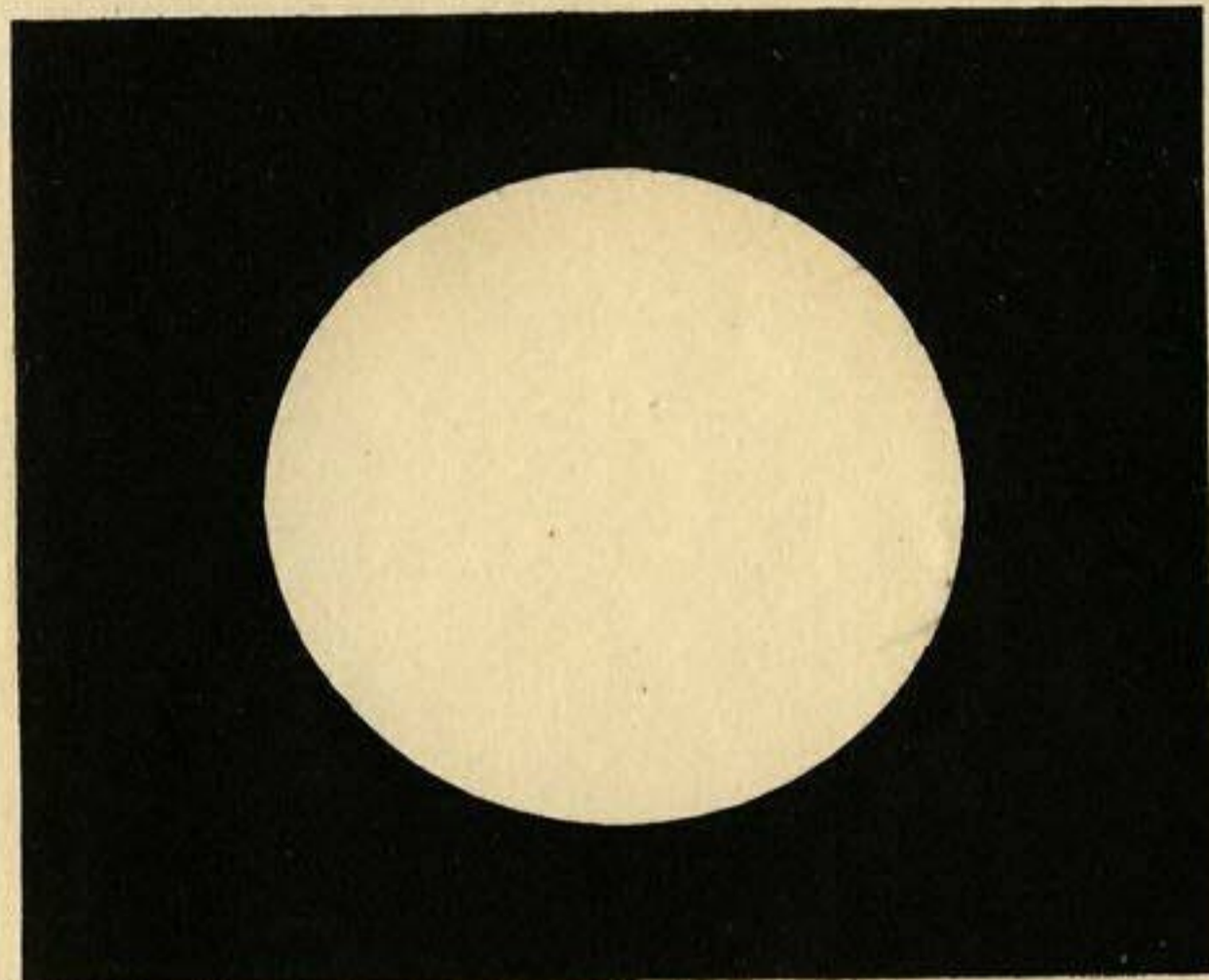
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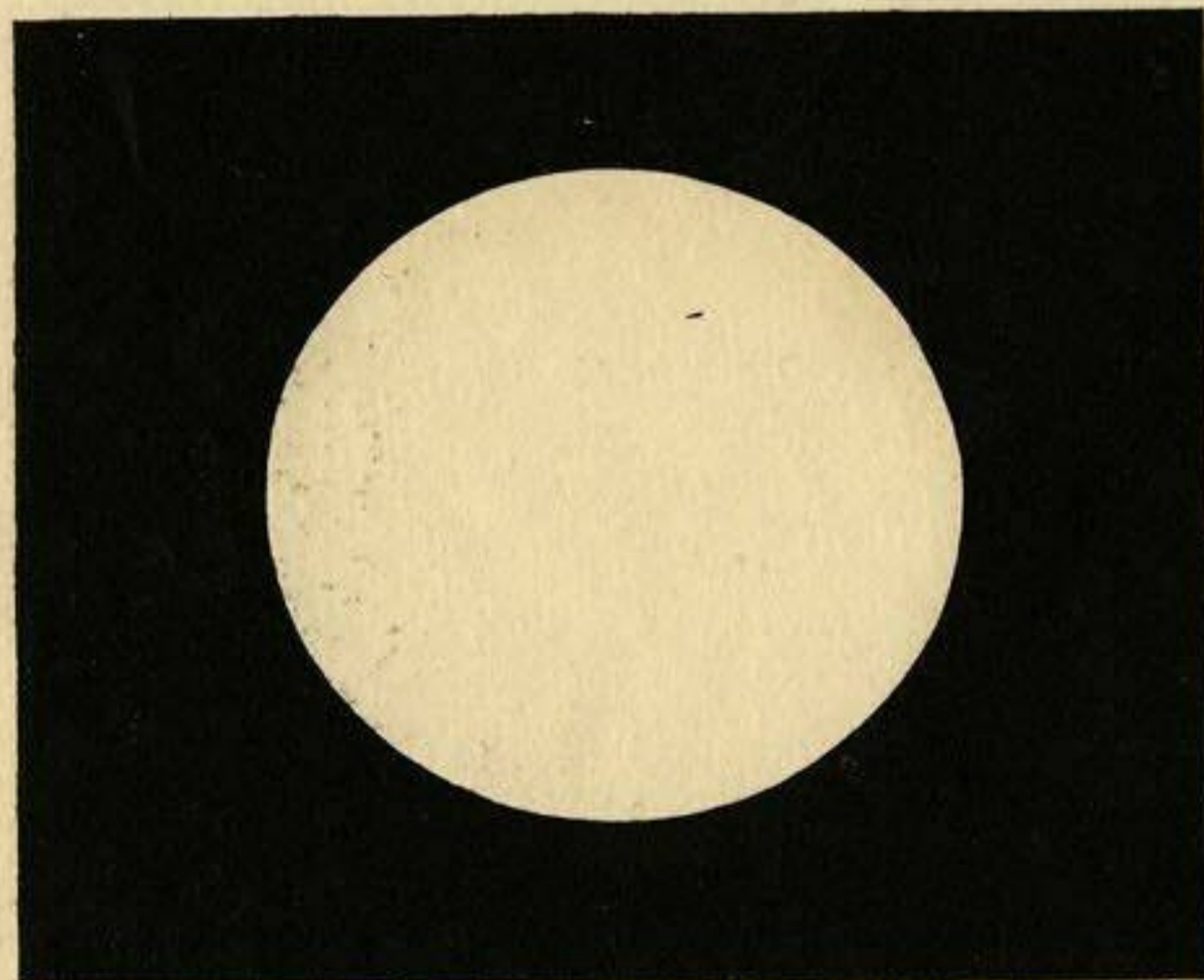
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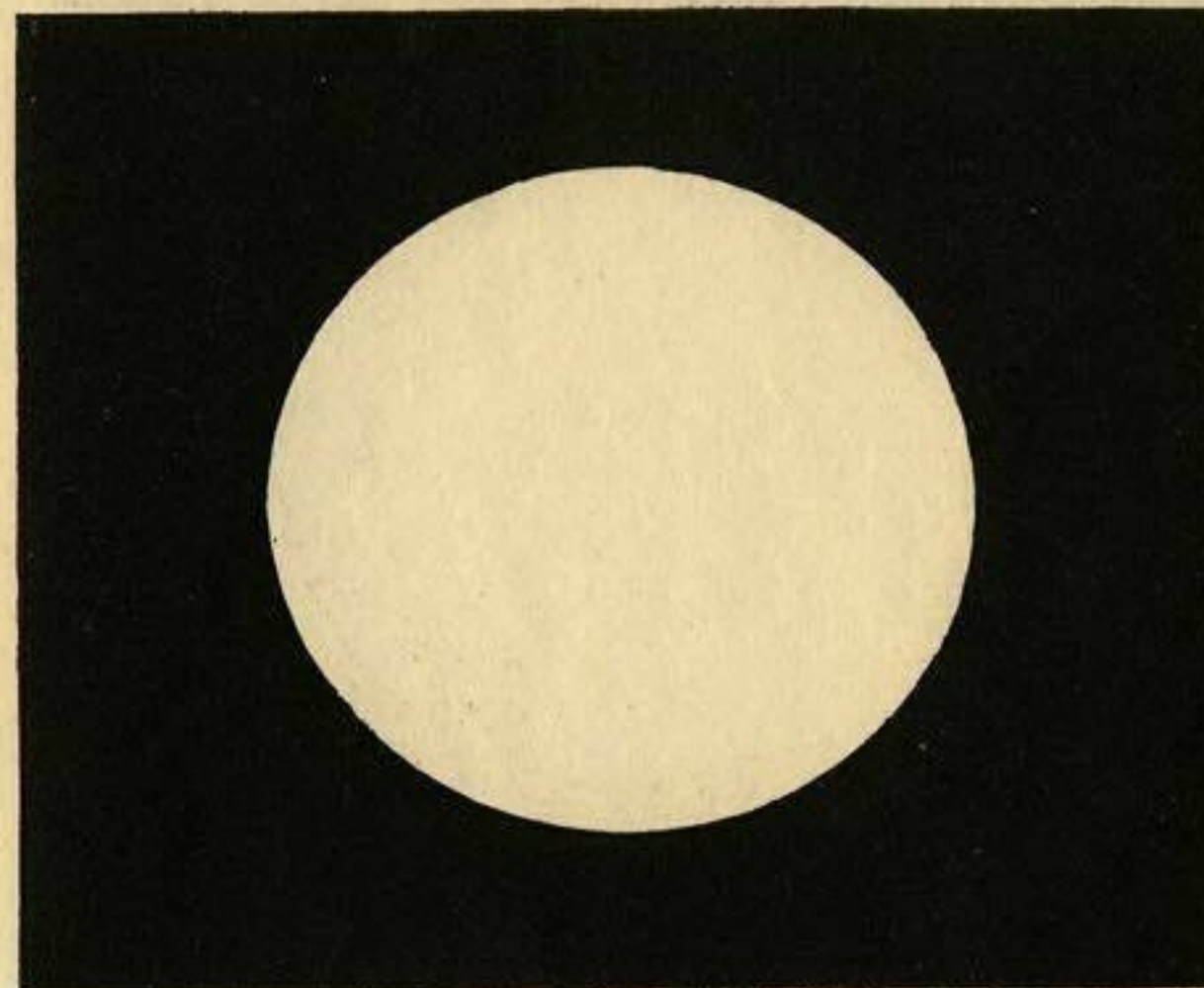
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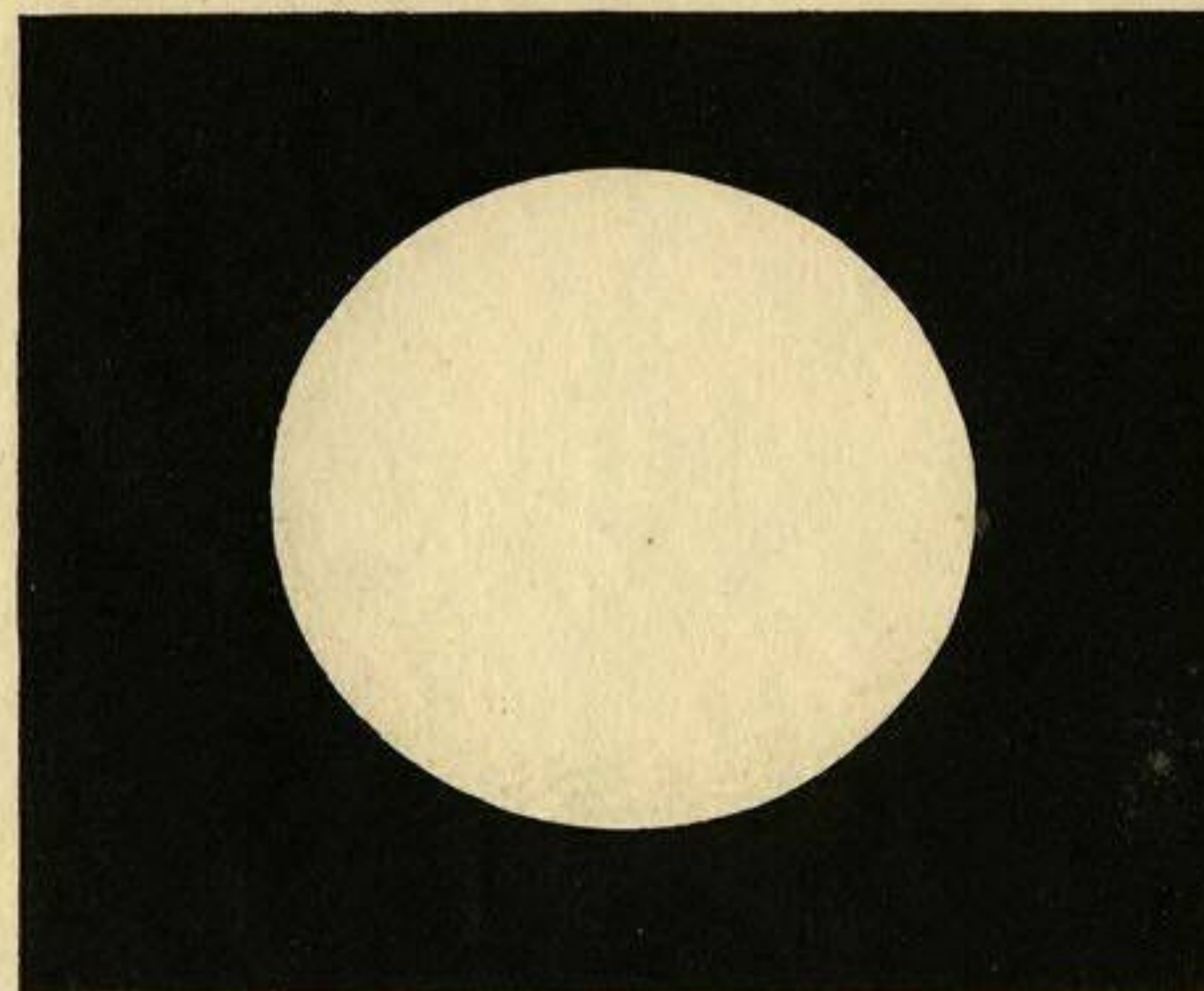
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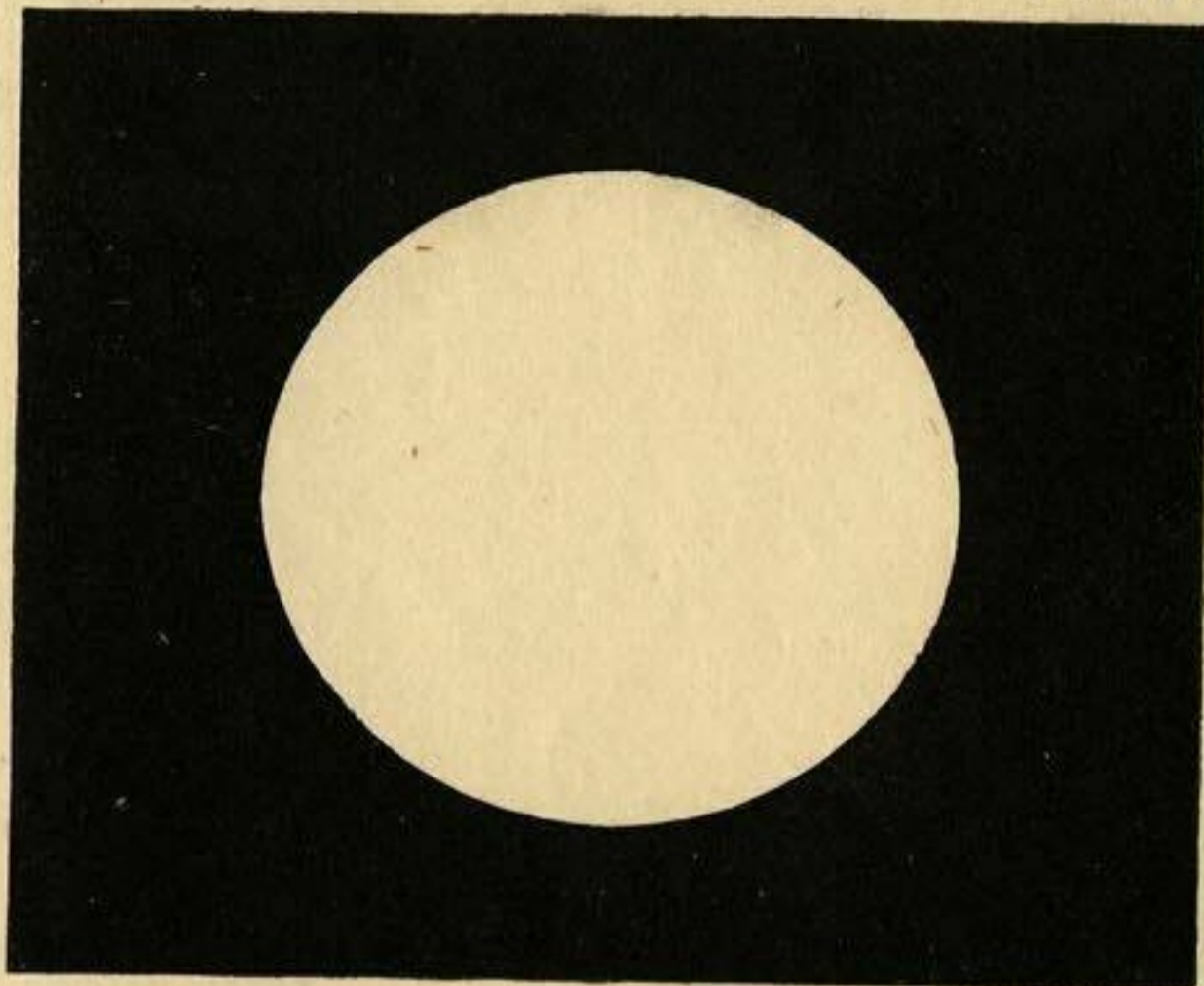
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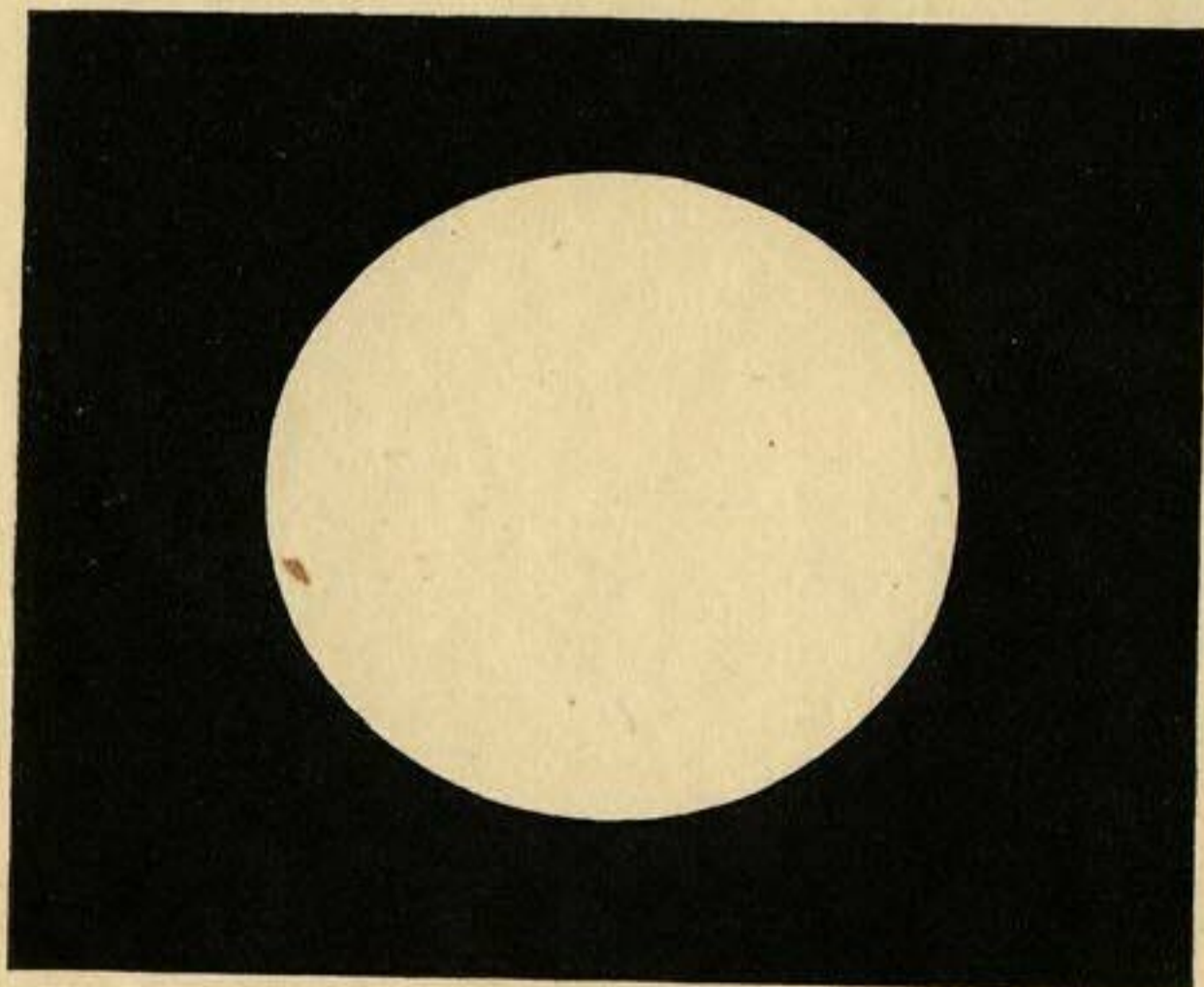
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G. M. T.



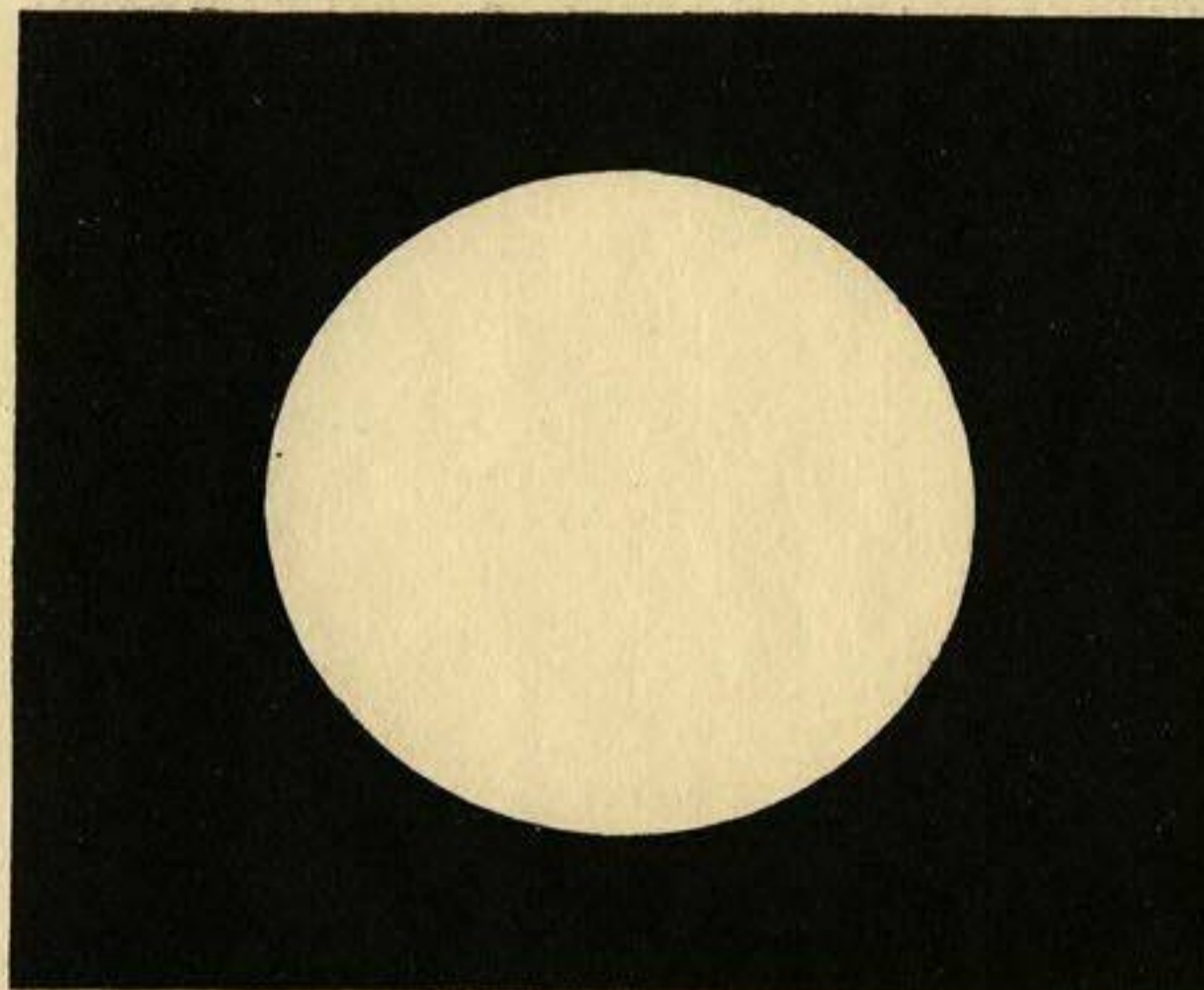
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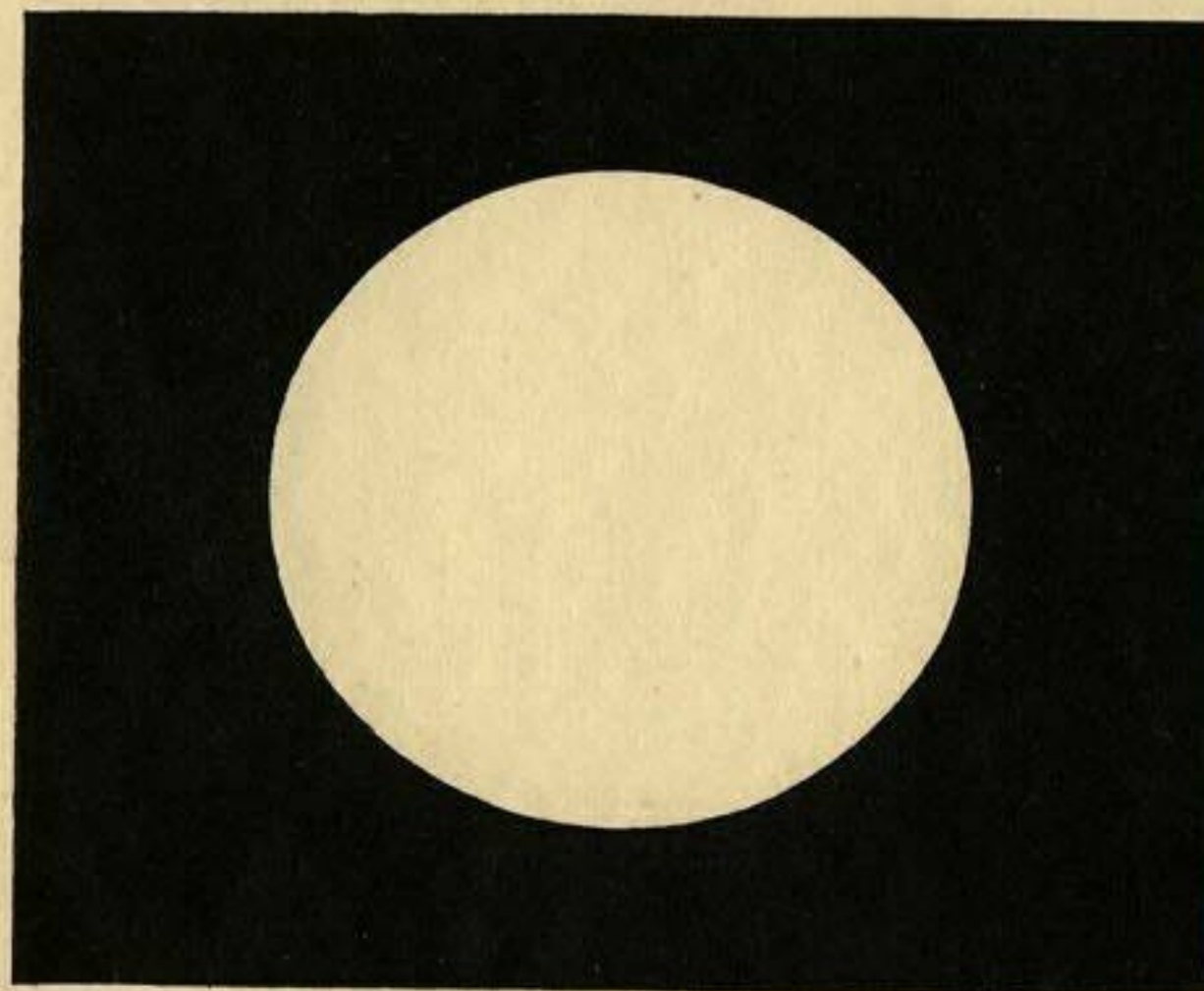
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