

TOTAL ECLIPSE OF THE SUN

Father Rige of Creighton University says it is the Grandest Sight on Earth.

PLANS FOR OBSERVING IT SCIENTIFICALLY

Grandeur of the Phenomenon, Its Path and Duration—Method of Observation Enumerated and Explained.

A total eclipse of the sun is, without exception, the most magnificent phenomenon that it is given to man to witness.

While the outer portions of the solar disk are being obscured by the advancing moon, and even after three-fourths or more of the sun's light has been thus intercepted, nothing peculiar is noticed.

And yet the time allowed for this, the grandest sight vouchsafed to mortals, is very brief. In a moment it is gone.

Solar Eclipses Are Rare. The rarity of a total eclipse of the sun in keeping with its beauty.

The duration of a total solar eclipse is another motive, if such were needed, to make us prize its observation highly.

Path of Present Total Solar Eclipse. The approaching total eclipse of the sun of May 28, 1900, will be visible in the United States on a line drawn from New Orleans to Norfolk in Virginia.

Scientific Value of Solar Total Eclipses. The scientific uses to which a total solar eclipse is devoted are numerous and important.

Preparations Astronomers Have Made. In order to use their previous 76 or 105 seconds of totality to full advantage American astronomers have made elaborate preparations.

First of all, the path of the total eclipse, that is, the course of its central and border lines, has been laid down upon a map of the United States, with the utmost precision, and sufficient numerical data have been furnished to enable astronomers to locate their instruments at the most advantageous points.

Secondly, the government has also established special weather observers on and near the entire path, who furnish us with data extending over three years of observations.

What Astronomers Will Do. The work to be done during a total solar eclipse depends upon the instrumental outfit of the astronomer and upon the particular object he may have in view.

1. If no outfit at all is available, not even a telescope or an opera glass, valuable work may be done in observing the moon's shadow bands.

2. Amateurs with no outfit but a common watch may do very useful work in noting the duration of the total phase.

3. The most general method, however, will be to photograph the corona.

4. These drawings of the corona increase in value if a telescope is used and the draughtsman confine himself to a predetermined part or streamer.

5. The most general method, however, will be to photograph the corona. The science of solar eclipse photography has made considerable advances, and an amateur can scarcely do any useful work unless he make an especial study of the subject and profit by the experience of others.

6. The spectroscopic is the instrument from which the most valuable information is expected. It is to determine the position of a certain green line in the spectrum.

7. Photometric observations of the corona and of its various parts will be another task to be performed during the coming eclipse.

8. The heat radiation of the corona will engage the attention of other astronomers and important information is expected on this point from the astronomer who will have at least one observer in their party whose duty it will be to note the beginning and end of the total eclipse as well as of its partial phases with the utmost accuracy.

9. There are a few astronomers who will observe the sun at all when it is totally eclipsed, but seize the advantage offered by the darkness to devote their attention to other phenomena which can be seen only during that time.

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Our store will be open Monday evening, May 21st, to accommodate those who cannot attend the sale during the day.

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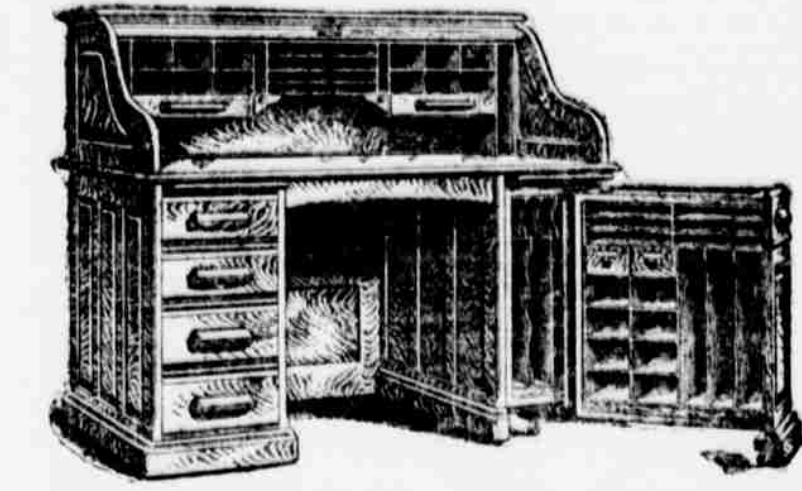
A good 3-piece swell \$12 frame chamber suit \$12. 17 other suits included in this sale.

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Every style of furniture made is represented in this sale-there is sure to be something you will want and we know you cannot resist our prices. Seems a pity to sell good furniture so cheap.

No. 272 1/2 Office Desk- 4-ft 6-in long-a fine desk made of fine quartered oak-well made and finished and was never sold for less than \$43-Same desk 5 feet long, \$29; was \$46. We have but one each-you want to be the lucky fellow.



\$26 No. 2610 Oak Dining Chair-full box seat-\$1.50. No. 2956 Chairs-they were \$3.25 \$2.00. 81 styles in Dining Chairs are on sale. 80c up in solid oak.



81 styles in Dining Chairs are on sale. 80c up in solid oak.

MYSTERIOUS DISAPPEARANCES

Weird Speculation of Dr. Hera, a German Scientist, on the Subject.

HOW DO MEN "DROP OUT OF SIGHT?"

There Are "Void Places in the Intelligible World," Says, "in Which Nothing Can Occur-A Grimous Theory."

Omaha has had abundant examples of the "mysterious disappearance" of late. Within the last three months fully a dozen persons have "dropped out of sight."

On the other hand, every memory is stored with instances of people having disappeared never to return. Many of these were persons well-to-do, obviously sound in mind, and so far as known, pleasantly situated.

It is in connection with this subject it is pertinent to note the belief of Dr. Hera of Leipzig-not by way of explanation, unless one chooses to take it so-but on account of its intrinsic interest as a singular speculation.

Dr. Hera believes that in the visible world there are void spaces-vacua, and something more-holes, as it were, through which animate and inanimate objects may fall into the invisible world and be seen and heard no more.

must be propagated in this, every process in it, in which takes place at all. But he assumes that cavities exist in this otherwise universal medium as caverns exist in the earth, or cells in a Swiss cheese.

In such a cavity there would be absolutely nothing. It would be such a vacuum as cannot be artificially produced, for if the air is pumped from a receiver there still remains the luminiferous ether.

Of course this is going too far. The materialists of the great boundless west, surrounded by a beneficent and matter-of-fact nature, can't accept any such theory as that, and they wouldn't believe it if they could. It offers imperfect solace to those who have lost dear ones by the disappearance route.

A Keen, Clear Brain. Your best feelings, your intellect, your business success depend largely on the perfect action of your stomach and liver.

LABOR AND INDUSTRY. A servant girls' union has been organized with a membership of 600 at Copenhagen, Denmark.

The American people are evidently very fond of chocolate. For there are about 12,000,000 pounds of the commodity consumed in the United States annually.

The farm experiment of New York Typographical union has proved so successful, and the number seeking work on the hand is so great, that the original holding is occupied with tillers.

men. During the struggle five men have been killed and 10 injured.

William and Herman (iron of New York, manufacturers of shirt waists, discharged William B. Barbers, their engineer, because he was called to serve as a juror in the supreme court.

A well-equipped cotton mill, owned and operated by negroes, has just been started at Concord.

The bureau of labor statistics of Indiana in its latest bulletin gives returns of the total membership of labor organizations in that state, in addition to other valuable information concerning the wage workers.

Some idea of the immensity of the industry as well as the wages received by the workers in the iron and steel mills around Pittsburg may be had from a payroll for some 12,000 men for the month, which footed up more than \$90,000.

Sound advice to those who have kidney and bladder troubles, is to take a safe, sure medicine like Foley's Kidney Cure.

A Whistle Sixty-Five Miles Long. An odd incident occurred on the Chicago & Northwestern railroad Sunday forenoon at Highland Park, Ill.

The whistle valve broke and he was unable to shut off the steam from the boiler. From Highland Park to Milwaukee, a distance of about sixty-five miles, there was not a moment when the whistle was not sounding full strength.

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