



HOW THE SUSPECTED BODY WAS CAPTURED BY TERRESTRIAL GRAVITATION.

TO A SPECTATOR ON THIS TINY GLOBE, THE EARTH WOULD PRESENT A WONDERFUL SIGHT.

THE EARTH'S SUSPECTED MINIATURE MOON. A FROZEN IRONSTONE BALL ABOUT 400 FEET ACROSS.

IMAGINARY CLOSE VIEW OF THE SATELLITE WHEN PASSING IN FRONT OF OUR EARTH.

SIZE COMPARED TO THE NEW YORK SKYSCRAPERS.

Drawn for POPULAR SCIENCE MONTHLY by Scriven Bolton, F.R.A.S.

Has Our Earth a Second Moon?

By Scriven Bolton, F.R.A.S.

IF YOU are interested in popular astronomy and if you own or have access to a small telescope, you have the opportunity of a lifetime to make a momentous discovery, one that might eclipse the discoveries of the world's greatest observatories. You have a good chance to find a suspected second moon

to the earth—a comparatively tiny meteoric ironstone ball some four or five hundred feet across, without atmosphere and frozen to the core. This strange little body, pulled from its course by gravity, is believed to revolve around our earth once every three hours, traveling at a speed of about $3\frac{1}{2}$ miles a second. Its orbit may lie about 2500 miles from the earth's surface. A modest

three-inch telescope should reveal it. Watch to see if a small black speck ever passes across the solar or lunar disk. If the suspected second moon really exists, it is reasonable to assume that occasionally it must pass between us and the sun and moon, moving rapidly across in six or eight seconds. Reports have been received that such a body has been observed, but these must be substantiated.