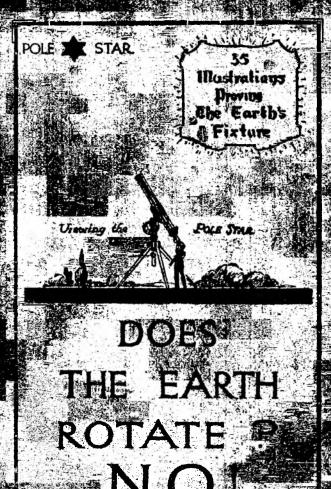
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## ECLIPSE IN THE MOON.

It is said the diameter of the moon is about 2,160 miles, and that of the earth about 8,000. It is also stated that the moon's motion round the earth works out at about thirty-seven miles per minute, while in its journey round the sun the earth travels along at about 1,080 miles per minute. Now supposing the shadow cast by the earth on the moon is equal to half its (the earth's) diameter—4,000 miles is an outside estimate, as the shadow would tend to converge. And if these figures, given by astronomers of the earth's and moon's motion are correct, readers will see it is impossible for an eclipse to last in the moon for more than seven minutes, although eclipses have been known to last for over four hours, so that this shows the eclipse cannot possibly be caused by the shadow of the earth's rotation.

It is known that there are dark bodies in the heavens, and eclipses may be caused by the periodical motion of one of these. In any case, eclipses are no proof of the earth's rotundity.

It is argued that the shadow cast on the moon is generally circular. A circular shadow is not necessarily cast by a moving globe. It can be demonstrated in a room with one light. Take a ball or orange and place a *flat* ruler, so that its shadow is cast upon the ball, and it will be seen that its shadow is curved or circular, it could not be otherwise.

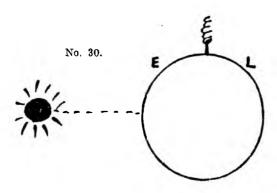
Again, where there is a gaslight with an ordinary mantel over the kitchen table and with an ordinary plate or plates underneath, although flat it throws a circular shade on the table-cloth.

Just a word as to the shape of the earth which I consider flat but possibly round like an ordinary plate,—as the seven seas run into each other this is surely agreeable to a fixed, flat earth.

The earth can be circumnavigated, but it is no proof whatever that it is a globe or rotating.

## HOW WE GET OUR SEASONS.

Astronomers tell us that we get our seasons by a daily rotating earth to a fixed sun, but I maintain that this is absolutely impossible.



E on the sketch is England, L, Labrador, North America.

On a 12-in. globe I possess, I find Labrador is on the same circle as England, and assuming that the earth rotates daily to a fixed sun, both countries should receive exactly the same heat as each other daily, but do they? No!

It should be precisely the same as a joint of meat turning before the fire; that is, where it turns to the fire in the same circle, such as the position of **E** and **L** in the illustration. The joint of meat would of course receive the same heat at each revolution to the fire, and certainly **L** could not freeze for weeks at a stretch, while **E** was quite warm for the same period.

Readers, you can readily see that my theory is the correct one, and that we get winter and summer by the sun travelling over our fixed earth, and certainly not by the earth rotating to a fixed sun.

Astronomers inform us that the sun is at a greater distance from us in summer than it is in winter, as may be seen in orbit illustration in school book. Can anyone imagine a more unreasonable proposition? There might have been some reason in the theory, if the earth had made one revolution in twelve months, for then if the sun had been a fixture and it took the earth six months to rotate half the way, and this half of the earth turning before the sun would have given some reason for concluding that the other half of the earth, that had not come into position, or faced the sun for six months, would be having its winter months; and the other half that had kept turning before the sun for six months would be having its summer months.

If, however, our earth makes one revolution each day, then Labrador, which is in North America, and in the same circle as England, or same latitude north, which readers will see by cunsulting the rotating globe, that represent the earth as used at school, should have the same climate and each day of same length. This should be the same for each place of the same latitude. We are, however, aware that the weather is very severe at Labrador, when it is midsummer in England, and also that the day is of short duration, and these facts alone should convince readers, without a shadow of doubt, that I am correct in saying that it is utterly impossible, for all of us in this world, to get our seasons as we now get them, except by the sun passing nearer to us in summer over our fixed earth and then farther away during the winter months.

This is undoubtedly the cause of winter and summer and our seasons. I might mention that a great part of Russia in addition to Labrador, referred to, comes in the same circle as England.

If readers will only carefully examine a 12in. globe (this size will enable you to see the various places in the world printed on it) and if they will rotate the globe, in front of a lamp to represent the sun shown in illustration, it will be found that it would have been impossible to get these places

in position when rotating the globe, to work correctly with the astronomers' theory, and to me the whole rotation theory is undoubtedly a false one and will be found upon examination to be ridiculous.

I might mention that it cannot be said that the water is the cause of the climate being much more severe in Russia than that of England, for it will be seen, that the region I refer to in Russia is on the same circle on the globe as England and is hundreds of miles distant from any sea or canal. It is entirely all land, and ought to be warmer.

I therefore maintain that as the climate and seasons at Labrador in North America, Warsaw and Moscow in Russia, Kamchalka in Siberia, and numerous other places in Russia, are quite different to the climate in England each day, although it should be precisely the same, please refer to globe, this fact alone must be a positive proof that the earth does not rotate daily before the sun as illustration.

Readers must remember too, that from December 21st the sun begins to travel nearer to us each day till June 21st. The heat from the sun accumulates and gradually warms the atmosphere until the end of March, when then we begin to feel it quite dry. Then as you are aware, each day from March, the sun gets nearer and nearer, until at mid-day on June 21st the sun has arrived overhead, and seeing that the air in March was dry and the heat still accumulating till June, with the sun getting nearer and more overhead, this causes the earth and atmosphere to be very warm and hence summer is upon us to grow our crops.

Now as readers are aware, it is then midwinter in New Zealand. Why is it midwinter in New Zealand when midsummer in England? Why? Because the sun has kept away from that country; it has taken a direction over England. Why is it midwinter with us six months hence? Why? It is because the sun from June 21st begins to travel nearer

and nearer to New Zealand every day and night for six months till it finally arrives at a position overhead, and then it is of course summer at that place. Often the weather is very warm in England at the end of August and September, and often as warm as it is in summer, although the sun has been travelling farther away from us then for several weeks. The reason for this is, that the heat had accummulated so fast, that we found the weather very warm, even after the sun had left the position of being overhead as is the case in June. Take the 21st of September till the 21st of December and note how gradually day after day, we begin to find winter weather coming upon us, as day by day the sun gradually moves further from us through the heavens. There can be nothing more simple for one to understand how we get our seasons with a fixed earth and a travelling sun.

The astronomers inform us that in June my garden and also your garden slope different to what they do in December, and this is the cause of summer.

As my garden is a part of the earth, and my house is built upon a part of the garden, which was levelled when built, by the aid of a spirit level, and I find it is of the same level to-day as it was twenty years ago, when built, and the same level now while I am writing, which is in the month of June, as it was last December, surely there can be nothing more ridiculous than to imagine and say that each garden and building throughout the world slopes towards the sun in June of each year while it does not in December. What would really happen with the very high buildings, high chimney stacks, church towers, etc., if the earth where they are built upon, altered its level every six months, would they be perpendicularly upright.

May I ask is it worth while assuring pupils at school that this kind of thing takes place in June and that this is the cause of our summer? In seriously thinking over the question one cannot but come to the conclusion, that the Creator caused the sun to travel over our fixed earth, in the various directions, to give warmth to grow our crops in each country. If the Creator had caused the sun to take one direction only all the year round some countries would get no heat to grow their crops and if the Creator had made the sun a fixture and caused the earth to rotate daily, surely it is easy to see, that we should not get the seasons as we now get them, it would be quite impossible, utterly impossible.

