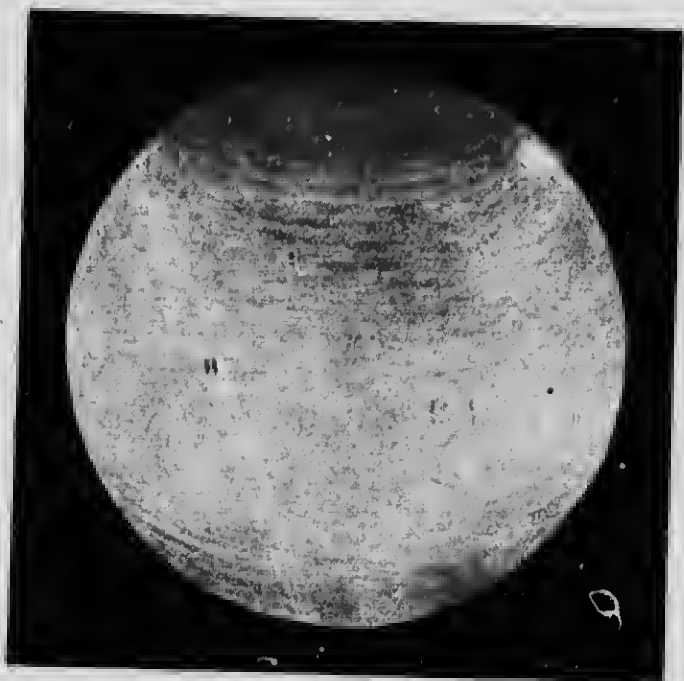


across the disc. They are all curved in a peculiar way. Moreover, we see that there is a part of the disc which has been visible to us all the time. The fact is that what we may call the upper end of the axis of the spinning globe is leaning towards us instead of standing straight up. So there is a small part of the earth on which the sun is shining day and night,



SUMMER.

while the whole upper or northern half of it has a rather longer time in the sunlight than the lower half. This seems rather unfair to the southern half of the earth.

As we continue our observations, we make a new discovery. The stars near the earth seem to be changing their places. A bright star near its left-hand edge draws nearer and nearer and finally disappears behind it. By-and-by it emerges at the right-hand side of the shining disc. All the other stars seem to be moving in the same direction, so we see that the earth is really changing its place among the stars. We knew,