different kinds of salt. The writer appears to doubt the correctness of Professor Beck's state-ments, upon the ground that the Turk's Island and Liverpool salts are preferred by beef and pork packers and farmers to the Onondaga, although the latter salt is represented to be purer than either of the former. The fact of this preference is well known and allowed, but it does not militate are at sea we seem to be arrived at, until many false perceptions have been purged away from the eye of the unind, and the evidence of much experience presented to the understanding.

When we look forth upon the earth, it appears to be a surface broken into hill and dale, but everywhere terminated by the margin of that vast concavity of the known and allowed, but it does not militate known and allowed, but it does not militate are at sea, we seem to be upon a circular plain of known and allowed, but it does not militate are at sea, we seem to be upon a circular plain of against the accuracy of the analysis in question, as the writer of the observations in the Buffalo paper seems to think. The preference given to the former varieties is based upon experience; they have been found to be the best preservatives of meat, &c., although by no means the purest kinds of salt. For the antiseptic properties of salt are not in direct proportion to its purity. Indeed it would appear that perfectly pure salt, without any admixture of other saline substances, does not any admixture of other saline substances, does not have a suffaced by the saline substances, does not have well for preserving meat. In illustration answer well for preserving meat. In illustration heavens, and of that space stretching forth interminably of this fact, I cannot do better than extract, from and immeasurably. How shall we realize this idea, Darwin's Voyage of a Naturalist, the following and reconcile it with what we see?

Passage, in which the author is describing the Let us suppose a traveller, impressed with the behet that the earth is a relief to the carth is a relief to Negro. "This salt is crystallized in great cubes, and is remarkably pure; Mr. Trenham Reeks has land; thus continuing his forward course unimpeded kindly analyzed some for me, and he finds in it by any of the natural obstacles on the earth's surface, only 0.26 of gypsum and 0.22 of earthy matter. Never will he find any termination to it. Go where It is a singular fact that it does not serve so well he will, still sea or land will lie open before him. for preserving meat as sea-salt from the Cape de There is no limit, no boundary, no interruption of its Verd Islands; and a merchant at Buenos Ayres continuity; no chasm in it, no elevation extending told me that he considered it as 50 per cent. less itself into infinite and unknown regions of space—no valuable. Hence the Cape de Verd salt is con- greater obstacle than a mountain-no more impassable stantly imported, and is mixed with that from these salinas. The purity of the Patagonian salt, or absence from it of those other saline bodies the salina bodies that a walley, a lake, a river, or a sea.

His first conclusion would be, that he was travelling on a surface of infinite extent. After a time, however, this conclusion would correct itself, and he would recommend the saline bodies. found in all sea-water, is the only assignable cause for this inferiority; a conclusion which no one, I think, would have suspected, but which is sup- the region where his journey began, this onward jourported by the fact lately ascertained, that these ney had nevertheless brought him back to that region salts answer best for preserving cheese which again. Has he then unconsciously turned round and contain most of the deliquescent chlorides." retraced his steps? On this point he may assure him-

cannot have failed to remark, exceeds that of the Onondaga article. Hence we have, I think, conclusive evidence that the purest salt is not the best for the purpose of preserving meat. Consequently the results of Professor Beck's analysis are not at variance with the generally entertained in the direction in which he has travelled, nor bounded opinion of the superiority of the Turk's Island and by any edge or limit; but, like the surface which en-Liverpool salt over the Onondaga.

Toronto, June, 1849.

THE ISOLATION OF THE EARTH IN SPACE. " He stretched out the north over the empty space, and hanged the earth upon nothing."-Job xxvi. 7.

It is not easy to conceive the entire isolation of the earth in space. That it does not spread out its dimensions into the abysses of the universe, until at length it attains some immoveable basis upon which it may repose-that it rests on no pedestal, hangs upon nothing -thoats in space, not being buoyed up—and not being supported does not fall,—are ideas which lie at the founsupported does not fall,—are ideas which lie at the foundation of all our knowledge of the wisdom and power of God in the universe; but to realize which it is necessary that we approach them if not by the steps of a rigid demonstration, at least by those of a gradual progression. They are indeed but elementary deductions the window of the water, the horizon is distant from it, in every direction, between four and five miles.

† Not, for instance, a surface like that of the page on which this is printed, lying flat, and terminated by an edge; but like that which it is very colled up so that its opposite edges met and were perfectly joined.

salt procured from a large salt-lake or salina he that the earth is a plain, to set out and travel continu-visited near the town of Patagonis, on the Rio ally in the same direction in search of its boundaries Travelling on until he meets the sea, let him embark upon it and traverse it until he again encounters the

this conclusion would correct itself, and he would perceive, to his amazement, that, although he had travelled on, continually away, as it seemed to him, from The purity of this Patagonian salt, as the reader self, and he will find that, without ever turming back-wards, or deviating from his course there is the self and he will find that, without ever turming back-wards, or deviating from his course them. perhaps to the right or the left of it, he has yet returned

to the place whence he set out.

But a very slight exercise of his judgment will be sufficient to shew him, from this fact alone, that the earth's surface is not one extending infinitely, at least closes a solid body, continuous, and returning into itself.† If this were not the case, the farther he travelled in the same direction, or towards the same direc-tion, the farther he would of necessity have receded from the point at which he set out; and he could never, travelling as he did, have reached that point. Thus, if I see a fly making a journey across my table with his head always in the same direction, or deviating only to the right or left of that direction, it is manifest to me that he continually recedes from his starting-place, at least as long as he remains upon the upper surface of the table. To reach it again, thus continually advanc-