

**THE CAUSE OF THE GLACIAL PERIOD:
BEING A RÉSUMÉ AND DISCUSSION OF
THE CURRENT THEORIES
TO ACCOUNT FOR THE PHENOMENA OF
THE DRIFT, WITH A NEW THEORY BY THE
AUTHOR; PP. 1-160**

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GRANITE BOULDER (west side of) LYING $1\frac{1}{2}$ MILES NORTHEAST OF LANCASTER, O.

The Cause of The Glacial Period

Being a *Résumé* and Discussion of the Current
Theories to account for the Phenomena of the
Drift, with a New Theory by the Author

Review
BY

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Member of the Ohio State Academy of Science

Illustrated

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PREFACE.

The evidence which has been observed and collected indicates that at some time in the past a large portion of the Northern Hemisphere of our globe has been ground by moving ice—glaciers. In fact, the evidence of this is so conclusive that few intelligent persons hesitate to accept it as a proven fact; but when it comes to accounting for this, then scientists differ from one another. Although many theories have been brought forward to explain the cause of the Arctic climate necessary for such glacial action, and to account for the motive or propelling power in the ice to produce such effects as have been observed, yet none of these theories have received universal indorsement.

While one eminent scientist will present one theory and advocate it with all the zeal and ingenuity at his command, claiming it affords a complete, rational and plausible explanation of all the phenomena usually attributed to the Glacial Period, another with equally eminent attainments will take the opposite view and claim it does not explain all the phenomena; and, furthermore, say that it would be a great misfortune to science should this theory come to be universally accepted. With such difference of opinion among men equally eminent in

science, the question as to what caused the Glacial Period may be regarded at the present time as an open one, or by no means a settled one.

The author, after having read the discussions of the various theories that have been brought forward from time to time to account for the phenomena of the drift, has been impressed that the key has not been found, or, at least, has not been presented, that will unlock the mysteries of the Glacial Period. Causes other than any which have been suggested will have to be sought.

It is pretty generally admitted that the same forces we observe at work upon the earth to-day have been with us ever since the planet had its birth. No new laws have been introduced. The processes of nature are universal and unchangeable. This being true, it seems to me that the so-called Glacial Period ought not to be relegated to the category of mysteries, but by a careful study of the laws of nature, should be rationally accounted for. Hence it is to assist in unravelling this mystery that this little volume has been written.

When the author first began to read on this subject, he had a preconceived opinion of the cause, which to him seemed so reasonable that he wondered why others had not come to the same conclusion and adopted it to the exclusion of other theories. He thought there must be some defect in this theory which he was not able to see, and he longed to read a scientific discussion of it, that he might have the

defects, if any, pointed out. With that end in view, he read everything on the subject that came into his hands, but so far has been disappointed. He has not found a single author who maintains or even discusses this theory; therefore, so far as the author is concerned, this theory is original. However, it may not be new; probably others have advocated the same, and their arguments may have been refuted; but as none of the other theories have received universal acceptance, there is still an opportunity for this one.

It is hoped that a perusal of these pages may be interesting, even if not convincing, to such as have preconceived opinions in favor of some other theory.

With that hope in view, and with only a desire to arrive at the truth, I remain,

Yours truly,

H. L. TRUE, M.D.

McCONNELSVILLE, O., OCTOBER, 1902.

