

Then, too, we find the arrangement of our clay, gravel and boulders is similar to that where glaciers are to-day. In Western Ontario our clay beds lie to the south. In Artemesia, north of these, are great stretches of gravel; and still further north are extensive areas covered with boulders. No better explanation to account for this state of affairs can be given than the presence of a glacial period in Ontario—a time when the northern part of our continent was more elevated and became the starting point of glaciers that made their way southward until regions were reached where they melted, leaving the boulders of our wayside as silent monuments of that period in geological history. It is an open question to what extent these phenomena are due to the action of glaciers and icebergs. Some attribute them entirely to glaciers, while others consider them partly due to iceberg action.

In regard to the duration of the glacial period, there is great diversity of opinion. No doubt it lasted for thousands of years. During this time immense quantities of rock were ground up and transported to the south of the starting point of the glaciers. At the close of this wonderful period it is supposed that all of our fresh water