

the sea, a quantity of matter equal to that carried by the Ganges in the four months of the flood season." In this same manner many changes have been brought about in the Ottawa and its tributaries. Thus alluvium, drift, and even the solid rock foundations, give way under the eroding action of water. In this same manner water flowing rapidly through the fissured "*Laurentian Mountain Limestone*" has produced the *Wakefield Cave*.

In such formations have we a history pregnant with facts destined to throw light on the Geological Records of this continent. In considering the various facts we are carried back for ages to a time when rocks were fearfully disturbed by volcanic action; when the crust of the earth was folded as paper in the child's hands. Out of the mighty deep rose our Laurentian Hills, and on their foundation was slowly deposited the vast layers of rocks entombing in their very substance the remains of organic life. Thus has a history been handed down, which cannot fail to be an inexhaustible source of enquiry; and, at the same time, fix more indelibly on our minds the accuracy of the sentiment, "*Sermons in stones, books in running brooks, and good in every thing.*"

