

"On the Parallelism of the Quebec Group with the Llandeilo of England and Australia, and with the Chazy and Calciferous Formations." By E. Billings, F.G.S. An important paper on one of the most interesting and valuable rock series in Canada.

"On the Land and Fresh-Water Mollusca of Lower Canada." (Part I. and II.) By G. F. Whiteaves, F.G.S., &c. Besides an enumeration of Canadian land and fresh-water shells, almost all which are found in the Atlantic States north of Cape Hatteras, the paper contains an excellent summary of Edward Forbes' famous essay, and Mr. Lubbock's paper on the Swiss Pfahlhausen, in the hope that attention drawn to the subject may possibly result in the discovery of works of human art in Canadian Tertiary (?) or Post-Tertiary deposits.

"On the Antiquity of Man: a Review of Lyell and Wilson." By J. W. Dawson, LL.D., &c. The recent works of Sir Charles Lyell and Dr. Daniel Wilson, to which this review refers, have already been noticed in this magazine. We have pleasure in quoting the following paragraph from Dr. Dawson's excellent review:—

"We must now shortly consider our third question, as to the bearing of these facts and doctrines on our received views of human chronology, derived from the Holy Scriptures, and the concurrent testimony of ancient monumental and traditional history. It is certain that many good and well-meaning people will, in this respect, view these late revelations of geology with alarm; while those self-complacent neophytes in Biblical learning who array themselves in the cast-off garments of defeated sceptics, and when treated with the contempt which they deserve, bemoan themselves as the persecuted representatives of free thought, will rejoice over the powerful allies they have acquired. Both parties may, however, find themselves mistaken. The truth will in the end vindicate itself; and it will be found that the results of such careful scrutiny of nature as that to which naturalists now devote themselves, are not destined to rob our race either of its high and noble descent, or its glorious prospects. In the mean time, those who are the true friends of revealed truth, will rejoice to give free scope to legitimate scientific investigation, trusting that every new difficulty will disappear with increasing light."

"On the Remains of the Fossil Elephant found in Canada." By E. Billings, F.G.S. It seems quite certain that there are several species of American fossil elephants, but the question, how many? remains yet to be decided. The author thinks that if it be admitted that *Elephas Jacksoni* is distinct from *E. primigenius*, then we have no proof whatever that this latter species ever lived so far south in America as the United States and Canada.

"Remarks on the Genus *Lutra*, and on the Species Inhabiting North America." By George Barnston, Esq. The object of this paper is to introduce to naturalists a rare variety, or perhaps a distinct species, of Otter, smaller than the common Otter of Canada.