

"Geology of St. Bruno Mountain" by John A. Dresser. The strata at all of the places listed by Dr. Ann were placed in the Lorraine; it is now believed that there are no typical Lorraine fossils listed, and that the general character of the fauna, as well as the species, points to the Richmond.

Concerning the collection made by R. Harvie, from St. Hilaire, Quebec, Dr. Thrich says: "The St. Hilaire fauna, as represented in the small collection before me, is not decisively Richmond, but so far as it goes, it indicates lower Richmond rather than Lorraine. The matter is so important that it seems worth while to recommend the making of a full collection. The most significant fossil in the lot is the fragment provisionally referred to *Whitewesia pholidiformis*. So far as we know, this type of shell occurs only in Richmond faunas. Pointing in the same direction is the presence of two species of *Whitella*, a genus so far unknown in Lorraine faunas. This evidence is further corroborated by the *Palaeschare beani*, but the specimen is small and not in sufficiently good preservation to permit positive identification. The "Oli-dophorus" I have found in both Lorraine and lower Richmond likewise *Psilooncha sinuata*, *Pholidops cincinnationis* and *Ctenobolbina ciliata*. The remaining things being either new, or not definitely determinable, may be disregarded. I will say, however, that I see nothing about them that might be used in rebuttal of the general trend of testimony afforded by the species mentioned."

FOSSILS FROM ST. HILAIRE STATION.

On the strength of this determination, it was deemed advisable to make a full collection in connexion with the field work of the present report. The fossils thus secured have been examined by the writer, under supervision of Professor Charles Schuchert, and the following determinations arrived at:—

Bryozoa.

Stomatopora. Sp. undet. Rare.

Palaeschare beani (James). Nearly always growing over *Cyrtolites ornatus*.

(B)