

some of which were immediately recognized as being characteristic Trenton forms. Dr. Selwyn arriving in the city at that time, accompanied me to this locality, and several new species were added to our former collection.

In conjunction with this paper will be found a list of the genera and species of fossil remains determined by Dr. H. M. Ami, of the Survey. It will be readily seen from the lists prepared that a good proportion of them are common Trenton forms—a gratifying circumstance to the Director of the Geological Survey of Canada—Dr. Selwyn—who was the first to recognize the Quebec city rocks as a portion of the Trenton zone, and not *Levis*, as originally supposed.

However, as the formation under consideration contains large boulders of dolomitic limestone, which were evidently derived from the Levis limestone conglomerates, in which we may find Levis fossils in the shaly portion of the cliff, as in the shales and limestones at the back of the St. John street (Montcalm) market, we must not take the whole as typical Trenton, but as a mixture of Trenton, Utica, and Hudson River.

Quebec City, Que., May, 1894.

NOTES ON FOSSILS FROM QUEBEC CITY, CANADA.

By HENRY M. AMI, M.A., F.G.S., &c.

The environs of Quebec city have long been regarded as classic ground to the student of North America Geology.

From the numerous rock-formations around the city, some of the most interesting and important specimens were obtained by various members of the Geological Survey staff, under the '*old régime*' and under the present administration.

The faunas entombed in the rocks of the so-called 'Quebec Group' at Point Levis and elsewhere, have been described by Billings, Hall, and other palæontologists. Strange to say, however, for some reason that cannot be accounted for, the sedimentary rocks forming the Citadel Hill and massif of Quebec city, remained for a very long time a *terra incognita*. It is only during recent years, that the veil has been