

Edinburgh and the Chazy and Black River limestones are apparently absent. East of Rockliffe, the Chazy shales extend to Beechwood, and thence continue along the south side of the Ottawa for some miles, appearing occasionally as far east as Point Fortune. At the South Nation River they are overlain, one mile south of the Ottawa, by the limestones of Black River age. The contact of these formations can also be well seen at Besserer's, Rockland, Cumberland and at several other places in this direction. A very small outcrop of the Chazy is also seen on the north-east angle of Fairy Lake, which is at the head of the Beaver meadow and about one mile north of Hull. This exposure is limited and the rocks which are shaly, are cut off by a well defined line of fault, separating them from the Black River formation. No other true Chazy rocks were observed to the east of the city of Ottawa.

The Black River and Trenton formations which come next in order, are well developed in the vicinity of Ottawa, but are very considerably affected by faults in this district. The outcrops of the former are not very numerous or extensive as compared with some of the others, but the formation is found at a number of points and is always characterized by its peculiar fossils, especially as regards corals. To the west of Ottawa, the Black River is seen at the Hog's Back and at the Experimental farm, near the Director's house. The limestones extend north to the Ottawa River at the foot of the Little Chaudiere rapid, whence they cross the river and appear in the village of Tetreauville. At all these places the Black River is separated by a fault from the limestones of the Trenton. The outcrop of the formation at Fairy Lake has already been referred to. The area at this place is small and there are two faults, one of which affects the Black River and the Chazy, while the other separates the Black River from the Trenton. A line drawn from the Hog's Back to the head of Fairy Lake, with a course of north twenty degrees