

of the hammer to secure forms, new, varied and beautiful, it will be readily admitted that the work was enough to excite monomania, and to exact application.

"Another consideration was that I was acquiring a branch of knowledge, and an intimate acquaintance with a type which I was assured would be of infinite importance in future works in the Geology of Nova Scotia. Yet other incentives were my facilities through International Exhibitions, of receiving the invaluable aid in the work, by intercourse with the great paleontologists of England and other countries, of the examination of Museum and Exhibition Collections, and the appreciation of my work by International Judges. The work of an amateur had become the work of a profession. This change and removal to Halifax, a lithological centre, where fossils in the rocks are hardly recognisable, led to the association of the study of lithology with that of paleontology."

In 1867 he read an interesting paper on the Geology of the Londonderry Iron Mines. In 1868 he returned again with renewed ardor to the study of the rocks of Arisaig, his favorite hunting ground, a series of remote hills on the Gulf of St. Lawrence, a barrier between the waves of the Gulf and the soft carboniferous measures of Antigonish County, and traced the extension of the Silurian beds into the East River district of Pictou. In March 14, 1870, he read a very interesting and valuable paper on the Geological relations of the iron ores of this district. The writer was professionally engaged in this locality about this time, and remembers very well the intricate problems that were presented at every attempt to define clearly the position of the various deposits. Although much attention has been given to it by several eminent Geologists, and large sums of money expended by mining engineers in proving and extending the beds and veins of ore, there are points not yet cleared up.

From this date the Doctor became a frequent and regular contributor to our Transactions. In 1871 he was elected Secretary of the Institute, an office which he held in conjunction with his position as Curator of the Museum until his death, although for the last few years, to enable him to devote himself more especially