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## FORMATIONS, FAULTS AND FOLDS OF THE OTTAWA DISTRICT.\*

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With the exception of the remarks on the geology of the Ottawa area, contained in the "Geology of Canada," 1863, but little attention has been paid, in any of the official publications of the Geological Survey to the study of the rock formations in the vicinity of this city. This has been in large part due to the fact that the work of the different members of the field staff has lain, for the most part, in districts more remote. The local geology and palæontology have however been described in some detail by several members of this Club, more especially by Dr. Ami, Mr. T. W. E. Sowter, Mr. Walter R. Billings, and others, who have contributed papers from time to time in the Transactions, so that we have a very fair general knowledge of the formations about our city. There is however a large field for collectors at our very doors, and the object of this paper is more particularly to direct attention to the distribution of the several geological formations in our more immediate vicinity, as well as to indicate some points of structure, in connection with certain faults and folds, which occur in close proximity to Ottawa, as well as in the city itself. These have not hitherto been prominently referred to, but they have served to complicate very considerably the geological relations of the several formations of the Palæozoic series.

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