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REGISTRATION
HALIFAX, N. S.

**REMARKS ON RECENT PAPERS ON THE GEOLOGY
OF NOVA SCOTIA.**

(From a Paper communicated to the Nova Scotian Institute of
Natural Science, by J. W. Dawson, LL.D., F.R.S., &c.)

The following remarks have reference to two papers by the Rev. D. Honeyman, D.C.L., Curator of the Provincial Museum, Halifax, published in the Transactions of the Nova Scotian Institute of Natural Science, Vol. iv., Part iv., 1878. These papers are respectively entitled — "Pre carboniferous Formations of Annapolis and King's Counties," and "Nova Scotian Geology, Pre-carboniferous, Lower Carboniferous, &c." Special reference will be made to the following points: (1.) The age assigned by Dr. H. to the fossiliferous rocks of Nictaux and New Canaan and their relation to the intrusive granites of the region. (2.) The Geology of the Pre-carboniferous Rocks of the Eastern part of Nova Scotia and Cape Breton.

1. NICTAUX AND NEW CANAAN.

In the first of the papers above referred to, Dr. H. very freely criticises my conclusions respecting the age of the rocks of these localities, but does not take the trouble to state what these conclusions are, so that a reader unacquainted with the facts might take it for granted that all these rocks had been referred to the Devonian system, or that no definite idea of their age had previously been given. For this reason I shall take the liberty to quote from a paper on the Silurian and Devonian Rocks of Nova Scotia (April, 1860), my actual results, which are given in nearly the same form in Acadian Geology, 2nd edition, 1868. I may premise that these results were worked out at a time when