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ON THE
SILURIAN & DEVONIAN ROCKS
OF
NOVA SCOTIA.

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In the peninsula of Nova Scotia, the formations older than the carboniferous system, which is there so largely developed, are represented by disturbed and partially metamorphosed beds, occupying a broad belt of country on the south-eastern or Atlantic coast, and certain irregular hilly tracts in the interior. These beds were described by me in a paper communicated to the Geological Society of London in 1849, and subsequently in my "Acadian Geology;" in which work will be found references to the labours of previous observers. These notices were confessedly very imperfect, owing to the difficulties of the formations themselves, the deficiency or bad state of preservation of the fossils, and the absence of sufficient suites of these for comparison. With the view of remedying these deficiencies, I have embraced such opportunities as have occurred to me since the publication of "Acadian Geology," to study these rocks in those parts of the country which appeared to promise the most satisfactory results. My collections of fossils have also been increased by contributions received from Dr. Webster of Kentville, who has long directed his attention to the New Canaan and Nietaux districts, which I have had the advantage of exploring under his guidance; from the Rev.