

past Acadia College, to the high land, with the expectation of meeting with rock exposures. I took a passing look at the amygdaloid boulders in the drain, regarding them as the possible fellow travellers of our Halifax drift acquaintances. Reaching the height above Wolfville I was gratified to find a good exposure of solid strata. Standing on these rocks I deferred operations until I had admired the interesting scenery in view.

Below lies old Acadia College, the beautiful town of Wolfville, and *Grand Pre* of Evangeline fame, with its brilliant garb of summer green. Beyond stretches Cornwallis with its serpentine streams, its fertile fields and numerous villages. Towering on the north is North Mountain with Blomidon looming and advancing into the Minas Basin heading the Minas Channel, Cape d'Or and Cape Chignecto. This fine sheet of water, bounding *Grand Pre* and Cornwallis extends to the distant north as Minas Basin and Cobequid Bay. The Cobequid Mountain range of Cumberland and Colchester rises in the dim distance beyond.

Having thus indicated the sphere of our operations and our first starting point. I shall arrange my remarks on these operations under these comprehensive divisions:

- 1 Pre-carboniferous.
- 2 Carboniferous,
- 3 Post-carboniferous.

1. PRE-CARBONIFEROUS.

Quartzites, Argillites, Diorites, &c.

Our examinations were of two areas. I would call them respectively the Wolfville and Kentville areas.

A. The Wolfville area is about 20 square miles in extent. Its N. E. corner lies in Wolfville. Its N. W. at the entrance of the Deep Hollow road. The S. E. corner is at Vaughan's mill, Greenfield on Halfway River: the S. W. corner is at Bezanson's mill on Black River. The distance between these two points is about 3 miles. Greenfield is about 5 miles from Wolfville, S., and 5 miles E. of the Falls of Black River where the Pre-carboniferous and Carboniferous appear in close connection, on the Halfway River road and side of the mountain.

The rocks in this area are largely obscure; still there are many and interesting exposures around Wolfville, in the Deep Hollow