

Devonian. Across the bay in the peninsula of Gaspé numerous Devonian sediments both of marine and estuarine origin are well developed. At Indian Cove, Gaspé, Tar point, along the Dartmouth river, near Cape Haldimand, at Long cove, Red Head, also at Grande Grève, limestones and sandstones belonging to the base of this System have been described by Sir Wm. Logan, and their entombed fauna and flora studied by the late Mr. Billings and Sir Wm. Dawson.

There are other beds which may be called "passage beds" between the Silurian and the Devonian. At Scauminac bay, an interesting series of greenish-gray sandstone (*Scauminac* formation) occurs holding remains of *Bothriolepis* and *Archæopteris* which are placed at the summit of the Devonian, a probable equivalent to part of the Catskill of New York, as pointed out by Sir William Dawson, and other geologists.¹

The Laurentian Highlands.—Within the Hudson Bay basin, Dr. Bell has recognized bituminous limestones and shales belonging to the Devonian along the Abitibi river. In some places the limestone contains free petroleum. On Moose river, on the Missinaibi, Devonian rocks, probably equivalent to the Corniferous of Ontario are found. On Rainy island and Lowasky island between the cliff and innumerable islands along the Attawapishkat river, also on the Albany river and Kenogami river, Devonian limestones, some of which appear to be the equivalent to the Hamilton formation of Ontario, have been recorded by Dr. Bell, and the fossils described by Dr. Whiteaves. Mr. Low also records Devonian limestones from a branch of the Severn river.

The Laurentian Lowlands.—In the province of Quebec only a few isolated patches or outliers of Devonian occur. On the Famine river, coralline limestones occur of Eo-Devonian age, also on the Etchemin river, and in the Lake Memphremagog basin, where a *Cauda-Calli* horizon recently noticed by the writer, 1894, occurs, associated with coralline and shaly limestones referred by Sir Wm. Logan to the Devonian system. The presence of occasional pieces of Devonian limestone in the volcanic conglomerates of St. Helen's island, opposite Montreal, serves to indicate the former existence of Devonian limestone in that region, and points to a post-Devonian time in which Mount Royal was formed. In Ontario, the Silurian system characterized in its uppermost strata by beds of compact dolomite, are followed upward by the various members of the Devonian system which have an intimate relation with those of the states of New York, Pennsylvania, and Ohio.

¹ The term *Grande Grève* formation, suggested by the writer some time ago, has been recently accepted by Prof. J. M. Clarke and Mr. Schuchert, whilst they suggest the terms *St. Alban* and *Cape Bon Ami* to include the beds numbered 1 and 2, and 3, 4, 5, 6, respectively, in Billings's Gaspé section. (Inserted on going to press).