

was not brought out in the early surveys of the region, and we owe our present knowledge of them, specially of the former, chiefly to the labors of Professors Brainerd and Seely of Middlebury Vt., whose investigations however were chiefly confined to Vermont, and to Professor Whitfield, who has described most of the fauna as now known. The congeries of life forms herein is surprisingly profuse and embodies a multitude of novel species of notable interest. It was deemed necessary for a successful exploitation of these two formations to determine the detailed succession of the faunas bed by bed at the typical exposures, Beekmantown and Chazy. Thereafter the exposures on Valcour island, which are of unusual interest, were examined in detail, specially the cliffs along the west and south shores. A large amount of material was acquired by this work, and some account of the new forms obtained is appended to this report. A fuller revision and description of the entire faunas of the Beekmantown and Chazy formations will be undertaken when the other exposures in this region have been carefully examined.

Correlation of the New York Devonian with that of Gaspé, Canada.
In a previous report record was made of the effort to elucidate the composition and origin of the early Devonian faunas of New York by a comparative study of the Devonian areas in the eastern counties of the Province of Quebec. Here the faunas attained unexampled profusion of development and it was shown as a result of a brief collecting trip to Grande Grève, Quebec and Dalhousie N. B., by the paleontologist in 1900, that a close examination of the fauna of the Grande Grève limestones would bring out many facts helpful to the problems before us in New York. The Grande Grève limestones exposed on the north shore of Gaspé bay are repeated only at Percé, on the westernmost coast of Gaspé county, south of Gaspé bay, and this spot was visited during the past summer. The environs of the fishing village of Percé are of extraordinary interest to the student of the older rocks. The limestone series has been greatly disturbed here, the faulting having brought up sections of those rocks in different places and at differing angles. Only the Percé rock, a stupen-