

Dennison Olmstead, Jr., received the appointment but owing to ill health could not assume the duties. He died early in the year.

T. Sterry Hunt, at the age of 21 years, received the appointment and came to Montreal the following February.

1847.

Logan devoted most of the season to work on the south side of the St. Lawrence, from Montreal and Lake Champlain to the Chaudière River.

Murray went to explore the northern shore of Lake Huron. He took four Indians from Montreal. Going by Detroit he took steamer to Sault Ste. Marie and from there explored the north shore and the Manitoulin Islands to Manitowaning. He left La Cloche on August 16th to survey the French River to Lake Nipissing.

Hunt spent part of the summer with Logan, but afterwards went to Lachute and Grenville to collect fossils from the limestones of the Ottawa. He visited the falls on the Gatineau and examined the rocks there, and also the iron-ore at Hull. From there he went to Perth and examined the apatite deposits of North Burgess. The mineral, perthite, was analyzed by his pupil, Mr. Hartley. Mineral waters were collected from Caledonia Springs, Tuscarora, Charlotteville and Ancaster, Ont.

1848.

Logan spent only two months in the Eastern Townships when he determined to pay a visit to Lake Huron. There he examined the Bruce Mines, and with Marray ascended the Thessalon River before returning to the Eastern Townships.

Murray made a short excursion up the Grand River to Galt and then went to Goderich, examining the rocks on the Ashfield, Maitland and Bayfield rivers. Then he proceeded along the lake shore to Sarnia, and by Lake St. Clair to Windsor. Then from Detroit he took steamer to Sault Ste. Marie and joined Logan at Bruce Mines. Separating from Logan on September 5th, he went along the coast to Spanish River and ascended it for sixty miles.