

CHAPTER XII.

THE AGRICULTURAL CAPABILITIES OF CERTAIN DISTRICTS.

NOTES ON THE CLIMATE.

Importance of Limestone—Limestone Rocks produce good Soils—Progress of Settlement in the Laurentian Region of Canada is on the Crystalline Limestones—In New Brunswick the presence of a fine Hardwood Forest indicates the proximity of Limestone—Area of first class Land in the Province—Aids to Agriculture—Manures—Lime—Quantity manufactured in New Brunswick—In Maine—Gypsum—Some Localities where Limestone is found in the Province—Some Localities where Gypsum is found in the Province—Trap debris—Phosphate of Lime—Fish Manures—Its manufacture in France—In Newfoundland—Professor Hunt's descriptions—Manufacture at Gaspé—Value of the Fish Manure manufactured at Gaspé—Importance of the manufacture of Fish Manure on the Gulf Coast.

NOTES ON THE CLIMATE OF NEW BRUNSWICK.—The character of the Winter Season—Comparative Table, showing the mean opening of Rivers, Canals, and Harbours, from St. John to the Straits of Mackinaw—Duration of Navigation on the St. Lawrence, compared with the St. John—Table showing the mean Winter temperature of St. John, Quebec, and Montreal—Table of Annual means of Temperature, &c., at St. John, by G. Murdock—Table of Monthly and Seasonal means of Temperature at St. John, by G. Murdock—Table of mean results at Toronto—Table of minimum and maximum temperatures at Fredericton, by the Rev. Dr. Brooke—Comparative Table, showing the difference between some points in the Climates of St. John and Fredericton, by the late Dr. Robb—Table showing the mean annual temperature of St. John, Fredericton, Quebec, Montreal, and Toronto.

CONCLUSION.—The advantages of a systematic Geological Survey.

APPENDIX.

- I.—ORIGIN of the NAMES of certain RIVERS and PLACES in NEW BRUNSWICK, together with MICMAC and MILICETE names for some COMMON THINGS.
- II.—NAMES of PLACES and RIVERS derived from the ABENAKIS Language.
- III.—ENUMERATION of the MAMMIFEROUS ANIMALS ascertained to exist in or on the Coasts of NEW BRUNSWICK.
- IV.—ENUMERATION of the BIRDS of NEW BRUNSWICK, with a notice of those which winter in the Province.
- V.—ENUMERATION of the FISHES of NEW BRUNSWICK.
- VI.—Fossiliferous Marine Clays of Maine and the St. Lawrence compared.
- VII.—TABLE showing the Value of the Imports and Exports, being the Produce and Manufacture of the Colony, of MINERALS, ORES, and METALS, manufactured and unmanufactured, during the years 1861, 1862, and 1863.
- VIII.—MINING LICENCES—Rules and Regulations.