

CONTENTS.

v

CHAPTER XX.

Mirage on Lake Ontario. — Toronto. — Excursion with Mr. Roy to examine the Parallel Ridges between Lakes Ontario and Simcoe. — Correspondence of Level in their Base-lines over wide Areas. — Origin of the Ridges. — Lacustrine Theory. — Hypothesis of Sand-banks formed under Water. — Rapid Progress of the Colony. — British Settlers unable to speak English - - - - - Page 102

CHAPTER XXI.

Kingston. — Montreal. — French Population and Language. — Quebec. — Soldiers. — Deserters. — Three Rivers. — Scotch Emigrants: — Distinctness of French and British Canadians. Large Military Force. — American Sympathisers. — Geological Survey. — Analogy in Structure of Canada and Scandinavia. — Section at Falls of Montmorency. — Uncomfortable Position of lowest Fossiliferous Sandstone to Gneiss. — Supposed Monument of the Commencement of the Organic World. — To what Extent the Granitic Rocks are primary. — Difficulty of establishing the Date of Metamorphic Action. — Two Sources of popular Error respecting the more abundant Production of Hypogene Rocks at remote Periods - - - 115

CHAPTER XXII.

Glacial Furrows in the Valley of the St. Lawrence. — Action of packed Ice in the Canadian Rivers. — Boulder Formation with and without Shells. — Gannanoqui. — Mountain of Montreal. — Recent Shells in Drift more than 500 Feet above the Sea. — Lake St. Peter. — Falls of Maskinongé. — Deposit of Shells at Beauport, near Quebec. — Agreement with Swedish Fossils. — Shells in Boulder Formation of Lake Champlain. — Burlington, Vermont. — Fossils of Drift imply a colder Climate. — Scenery of Lake Champlain. — Organic Remains of Lowest Silurian Sandstone. — Lingula. — Vermont Mountains. — Inns and Boarding Houses. — Return to Boston. - - - - - 135