

CONTENTS.

	PAGE.
ARTICLE I.—On the <i>Cornus florida</i> of the United States; by George S. Blackie, A.M., M.D.,.....	1
II.—A popular Treatise on the Fur-bearing Animals of the Mackenzie River District; by B. R. Ross,.....	5
III.—Addenda to the Natural History of the Valley of the River Rouge; by W. S. M. D'Urban,.....	36
IV.—On the occurrence of Freshwater Shells in some of our Post-tertiary Deposits; by Robert Bell,.....	42
V.—Professor Guyot on the Physical Geography of the Appalachian Mountain System,.....	51
VI.—On some points in American Geology; by T. Sterry Hunt, F.R.S.....	81
VII.—Correspondence of Joachim Barrande, Sir William Logan and James Hall on the Taconic System.....	106
VIII.—Catalogue of Plants collected in the Counties of Argenteuil and Ottawa, 1858; by W. S. M. D'Urban .	120
IX.—Notes on the Geology of Murray Bay, Lower St. Lawrence; by J. W. Dawson, LL.D., F.G.S.....	138
X.—On the Pre-carboniferous Flora of New Brunswick, Maine, and Eastern Canada; by J. W. Dawson, LL.D., F.G.S.....	161
XI.—On the origin of some Magnesian and Aluminous Rocks; by T. Sterry Hunt, F.R.S.....	180
XII.—On Canadian Caverns; by George D. Gibb,.....	184
XIII.—Flint-drift and Human Remains; Extracted from the Duke of Argyll's opening address as President of the Royal Society of Edinburgh.....	190
XIV.—Considerations relating to the Quebec Group, and the Upper Copper-bearing rocks of Lake Superior; by Sir W. E. Logan, F.R.S.....	199
XV.—Notes on the History of Petroleum or Rock Oil; by T. Sterry Hunt, M.A., F.R.S.....	241
XVI.—Remarks on some of the Birds that breed in the Gulf of St. Lawrence; by Henry Bryant, M.D.....	255
XVII.—List of Recent Land and Fresh-Water Shells collected around Lakes Superior and Huron in 1859-60; by Mr. Robert Bell.....	268
XVIII.—Catalogue of Birds collected and observed around Lakes Superior and Huron in 1860; by Mr. Robert Bell.....	270
XIX.—On the Flora of Hamilton and its vicinity; by Judge Logie.....	276
XX.—The Great Comet of 1861.....	278
XXI.—What to observe in Canadian Lichens; by W. Lauder Lindsay, M.D., F.L.S.....	282
XXII.—On the Mammals and Birds of the District of Montreal; by Archibald Hall, M.D., L.R.C.S.E.....	284
XXIII.—On some of the Rocks and Fossils occurring near Phillipsburg, Canada East; by E. Billings, F.G.S..	310
XXIV.—Recollections of the Swans and Geese of Hudson's Bay; by George Barnston, Esq.....	337
XXV.—On the occurrence of Graptolites in the base of the Lower Silurian; by E. Billings, F.G.S.....	344
XXVI.—A short review of the Sylviadae or Wood-Warblers found in the vicinity of Montreal; by H. G. Vennor.	349
XXVII.—Additional notes on Aboriginal Antiquities found at Montreal; by J. W. Dawson, LL.D.....	362
XVIII.—Mr. Barrande on the Primordial Zone in North America, and on the Taconic System of Emmons, by T. Sterry Hunt, M.A., F.R.S.....	374