

CONTENTS.

	PAGE
ARTICLE I.—Remarks on the Geographical Distribution of the Cruciferae throughout the British possessions in North America; by G. Barnston,.....	1
II.—Fish Manures; by T. S. Hunt, F.R.S.,.....	13
III.—Additional Notes on the Post-Pliocene Deposits of the St. Lawrence Valley; by Dr. Dawson,.....	23
IV.—Report on the Fisheries of the Gulf of St. Lawrence; by M. H. Perley,	40
V.—On the Cold Term of January, 1859; by Charles Smallwood, M.D., LL.D.,.....	81
VI.—Report on the Fisheries of the Gulf of St. Lawrence; by M. H. Perley,	84
VII.—Catalogue of Canadian Plants in the Holmes' Herbarium,	100
VII.—Geographical distribution of the Genus <i>Allium</i> in British North America; by G. Barnston,.....	116
VIII.—On the Generation of Sounds by Canadian Insects; by Dr. Gibb,.....	121
IX.—On some new genera and species of Brachiopoda; by E. Billings, F.G.S.,	131
X.—On the Variable Illuminating Power of Coal Gas; by Prof. Aikin,	136
XI.—On the Microscopic Structure of some Canadian Limestones; by J. W. Dawson, LL.D.,.....	161
XII.—On Ozone. By Charles Smallwood, M.D., LL.D.,....	169
XIII.—On the relative value of human life in different parts of Canada; by P. P. Carpenter, B.A.,	173
XIV.—On a specimen of Aboriginal Pottery in the Museum of the Natural History Society of Montreal,	186
XV.—On the Indian Tribes of McKenzie River district and the Arctic Coast,.....	190
XVI.—On the Natural History of the Gulf of St. Lawrence, and the distribution of the Mollusca of Eastern Canada; by Robert Bell, jr.,	197
XVII.—Geological Survey of Canada—Figures and Descriptions of Canadian Organic Remains,	220
XVIII.—On the Natural History of the Gulf of St. Lawrence; by Robert Bell, jr.,.....	241
XIX.—Observations on the Natural History of the Valley of the River Rouge, and surrounding townships in the Counties of Argenteuil and Ottawa.; by W. S. M. D'Urban,	252
XX.—Contributions to Meteorology,—from observations taken at St. Martin, Isle Jesus, Canada East; by Charles Smallwood, M.D., LL.D.,.....	276
XXI.—The Oxford Museum; by H. W. Acland, M.D., and John A. Ruskin, M.A. [From the Athenæum.] ...	280
XXII.—American Association for the Advancement of Science,	289
XXIII.—Description of a new genus of Brachiopoda, and on the genus <i>Cyrtodonta</i> ; by E. Billings, F.G.S.,.....	301
XXIV.—On a new species of Stickleback (<i>Gasterosteus gymnetes</i>); by J. W. Dawson, LL.D.,.....	321