

- III.—Contributions to Meteorology for the Year 1881 ; by Charles Smallwood, M. D., LL. D.
- IV.—On the Mammals and Birds of the district of Montreal ; by Archibald Hall, M. D. Part II.
- V.—Note on the Taconic System of Emmons ; by T. Sterry Hunt, M. A., F. R. S.
- VI.—Notes on the Flora of the White Mountains, in its Geographical and Geological relations ; by J. W. Dawson, LL.D., F. G. S.
- VII.—On the failure of the Apple Trees in the neighbourhood of Montreal ; by John Archbold.
- VIII.—On an Ereet Sigillaria and a Carpolite from the Joggins, Nova Scotia ; by J. W. Dawson, LL.D., F. G. S.
- IX.—On the Primitive Formations in Norway and in Canada. Part II ; by Thomas MacFarlane.
- X.—The new Spectrum discoveries.
- XI.—List of Diurnal Lepidoptera from the vicinity of London, C. W. ; by W. Saunders.
- XII.—An account of the Botanical and Mineral products, used by Chipewyan Indians ; by Bernard R. Ross.
- XIII.—List of Mammals, Birds, and Eggs, from the McKenzie's River District ; by Bernard R. Ross.
- XIV.—Lectures on Chemical Subjects ; by Prof. S. P. Robbins.
- XV.—On the date of the report on the Geology of Wisconsin ; by E. Billings, F. G. S.
- XVI.—On the Primitive Formations in Norway and in Canada. Part III ; by Thomas MacFarlane.
- XVII.—On the Mammals and Birds of the District of Montreal ; by Archibald Hall, M. D. Part III.
- XVIII.—On the Extraction of Cobalt Oxide from Iron Pyrites ; by Thomas MacFarlane.
- XIX.—List of Entomologists in Canada ; by Rev. Charles J. S. Bethune.
- XX.—On the Chemistry of the Earth ; by T. Sterry Hunt, M. A., F. R. S.
- XXI.—Description of a new Enaliosaurian from the Coal Measures, Nova Scotia ; by O. C. Marsh, B. A.
- XXII.—A lecture on Force ; by Prof. John Tyndal, F. R. S.
- XXIII.—On the Utilisation of the Power involved in the Rise and Fall of the Tides.
- XXIV.—On the Primitive Formations, from the German of Naumann ; by Thomas MacFarlane.
- XXV.—On *Aphis Avenæ* ; by George Lawson, Ph. D., LL.D.
- XXVI.—On the footprints of *Limulus* ; by J. W. Dawson, LL.D., F. R. S., &c.,
- XXVII.—On the destruction of Apple Trees by *Saperda Candida* ; by William Couper.
- XXVIII.—Discovery of Microscopic Organisms in the Siliceous Nodules of the Palaeozoic Rocks of New York.
- XXIX.—List of Orthoptera collected on a trip from Assiniboia to Cumberland ; by Samuel H. Scudder.
- XXX.—On the Mammals and Birds of the District of Montreal ; by Archibald Hall, M. D. Part IV.
- XXXI.—On the Geology and Physical Characteristics of Newfoundland ; by Moses H. Perley.
- XXXII.—Review of Hooker's Outlines of the distribution of the Arctic Plants.
- XXXIII.—On the Mammals and Birds of the District of Montreal ; by Archibald Hall, M. D. Part V.
- XXXIV.—On the Catskill Group of New York ; by Prof. J. Hall.