

- XXXV.—On the superficial deposits in Canada; by Charles Robb, C. E.
- XXXVI.—Remarks on Prof. Hall's Contributions to Palaeontology; by E. Billings, F. G. S.
- XXXVII.—Remarks on *Tania Pectinata*; by Dr. T. Spencer Cobbold.
- XXXVIII.—Col. E. Jewett, of Albany, on the Age of some Rocks in New York.
- XXXIX.—On the Mammals and Birds of the District of Montreal; by Archibald Hall, M. D. Part VI.
- XL.—Notes on some of the habits of the pine-boring beetles of the genus *Monohammus*; by E. Billings, F. G. S.
- XLI.—Zoological Classification; or *Celenterata and Protozoa. versus Radiata*; by Prof. J. W. Dawson, LL.D., F. R. S.
- XLII.—On a new Crustacean, from the Potsdam sandstone; by Prof. James Hall.
- XLIII.—Contributions to the History of the Acton Copper Mine; by Thomas MacFarlane.

CONTENTS OF VOL. VIII.

- ARTICLE I.—The Air-breathers of the Coal Period of Nova Scotia; by J. W. Dawson, LL.D., F. R. S. Part I.
- II.—On the Gold Mines of Canada, and the manner of working them; by T. Sterry Hunt, F. R. S.
- III.—On the Parallelism of the Quebec Group with the Llandello of England and Australia, and with the Chazy and Calciferous formations; by E. Billings, F. G. S.
- IV.—On a new method of preparing Chlorine, Carbonate of Soda, Sulphuric Acid and Hydrochloric Acid; by Thomas MacFarlane.
- V.—On the Land and Fresh-water Mollusca of Lower Canada; by J. F. Whiteaves, F. G. S. Part I.
- VI.—The Air-breathers of the Coal Period in Nova Scotia; by J. W. Dawson, LL.D., F. R. S. Part II.
- VII.—Notes on Diatomaceae from St John River; by Prof. L. W. Bailey, of the University of New Brunswick.
- VIII.—Description of a new Trilobite from the Quebec group; by L. Devine, F. R. G. S.
- IX.—On the Land and Fresh-water Mollusca of Lower Canada; J. F. Whiteaves, F. G. S. Part II.
- X.—On the Antiquity of Man; a Review of 'Lyell' and 'Wilson.'
- XI.—On the remains of the Fossil Elephant found in Canada; by E. Billings, F. G. S.
- XII.—Remarks on the genus *Lutra*, and on the Species inhabiting North America; by Geo. Barnston, Esq.
- XIII.—The Air-Breathers of the Coal Period in Nova Scotia; by J. W. Dawson, LL.D., F. R. S. Part III.
- XIV.—On the Superficial Geology of the Gaspé Peninsula; by Robert Bell, C. E.
- XV.—On the Rocks of the Quebec Group at Point Lévis; by Sir William Logan, F. R. S.; Director of the Geological Survey of Canada; in a letter addressed to M. Barrande.