

SECT. II.—English Literature, History and Allied Subjects.

- New World Beginnings. (President's Address.) By Dr. DANIEL WILSON.
 The Establishment of Free Public Libraries in Canada. By Dr. A. TODD.
 The Last Defender of Jerusalem; a Poem in heroic verse. By Rev. ÆNEAS MCD. DAWSON.
 The Growth of the Intellect. By Dr. BUCKE.
 A Memoir of a U. E. Loyalist Family. By Mr. W. KIRBY.
 Language and Conquest. By Mr. J. READE.

SECT. III.—Mathematical, Physical and Chemical Sciences.

- Address by Dr. T. STERRY HUNT, President.
 Note on Zinc Sulphide. By Mr. MACFARLANE.
 Notes on Hydrodynamics. By Prof. LOUDON.
 Note on Jænisch's "Analyse Mathématique du jeu des échecs." By Prof. CHERRIMAN.
 On the Measurement of the Electrical Resistance of Electrolytes by means of the Wheatstone's bridge.
 By Prof. MACGREGOR.
 On the Transition Resistance to the Electric current at the bounding surface between amalgamated
 Zinc Electrodes and solution of Zinc Sulphate. By Prof. MACGREGOR.
 On Molecular Contraction in natural Sulphides. By Prof. CHAPMAN.
 On the law of facility of error in the Sum of n Independent Quantities, each accurate to the nearest
 unit. By Mr. CARPMAEL.
 A Symmetrical investigation of the Curvature of Surfaces. By Prof. JOHNSON.
 On the Motion of a Chain on a fixed Curve. By Prof. CHERRIMAN.
 On an Application of a certain determinant. By Prof. CHERRIMAN.
 On a Question of Probabilities. By Prof. CHERRIMAN.
 On the General Regulation of Civil Time. By Mr. SANDFORD FLEMING.
 The Utility of Geometry as applied to the Arts and Sciences. By M. BAILLARGÉ.

*SECT. IV.—Geological and Biological Sciences.**(A.—Papers actually read.)*

- Address by the President, Dr. A. R. C. SELWYN.
 Address by the Vice-President, Prof. G. LAWSON.
 On the Distribution of Northern, Southern and Saline Plants in Canada. By Prof. J. MACOUN.
 Descriptive Notes of a General Section from the Laurentian Axis to the Rocky Mountains, north of
 the 49th parallel. By Dr. G. M. DAWSON.
 On the Physical and Geological Features of the St. John River Valley. By Prof. L. W. BAILEY.
 Observations on the Anatomy and Development of the Cestodes. By Prof. A. RAMSAY WRIGHT.
 On Lacustrine Concretions from Grand Lake, Nova Scotia. By Rev. Dr. HONEYMAN.
 Illustrations of the Fauna of the St. John Group. By Mr. G. F. MATTHEW.
 Notes on the Birds of Hudson's Bay. By Dr. ROBERT BELL.
 On a New Classification of Crinoids. By Prof. E. J. CHAPMAN.
 On the Lower Cretaceous Rocks of British Columbia. By Mr. J. F. WHITEAVES.
 On Fossil Plants from the Cretaceous and Tertiary Rocks of British Columbia and the North West
 Territory. By Principal DAWSON.
 On the Importance of Economizing and Preserving our Forests. By Mr. W. SAUNDERS.
 The Life-history and Development of *Botrydium granulatum*. By Prof. G. LAWSON.
 On the Introduction and Dissemination of certain Noxious Insects. By Mr. W. SAUNDERS.
 On the "Quebec Group." By Dr. A. R. C. SELWYN.

(B.—Papers presented and taken as read.)

- On the Present Condition of the Mining Industry in Canada. By Dr. R. BELL.
 On the Recent Discovery of large Deposits of Zinc Blende on the North Side of Lake Superior.
 By Dr. R. BELL.
 On some supposed Annelid Tracks from the Gaspé Sandstones. By Mr. J. F. WHITEAVES.
 On the Glaciation of Newfoundland. By Mr. A. MURRAY.