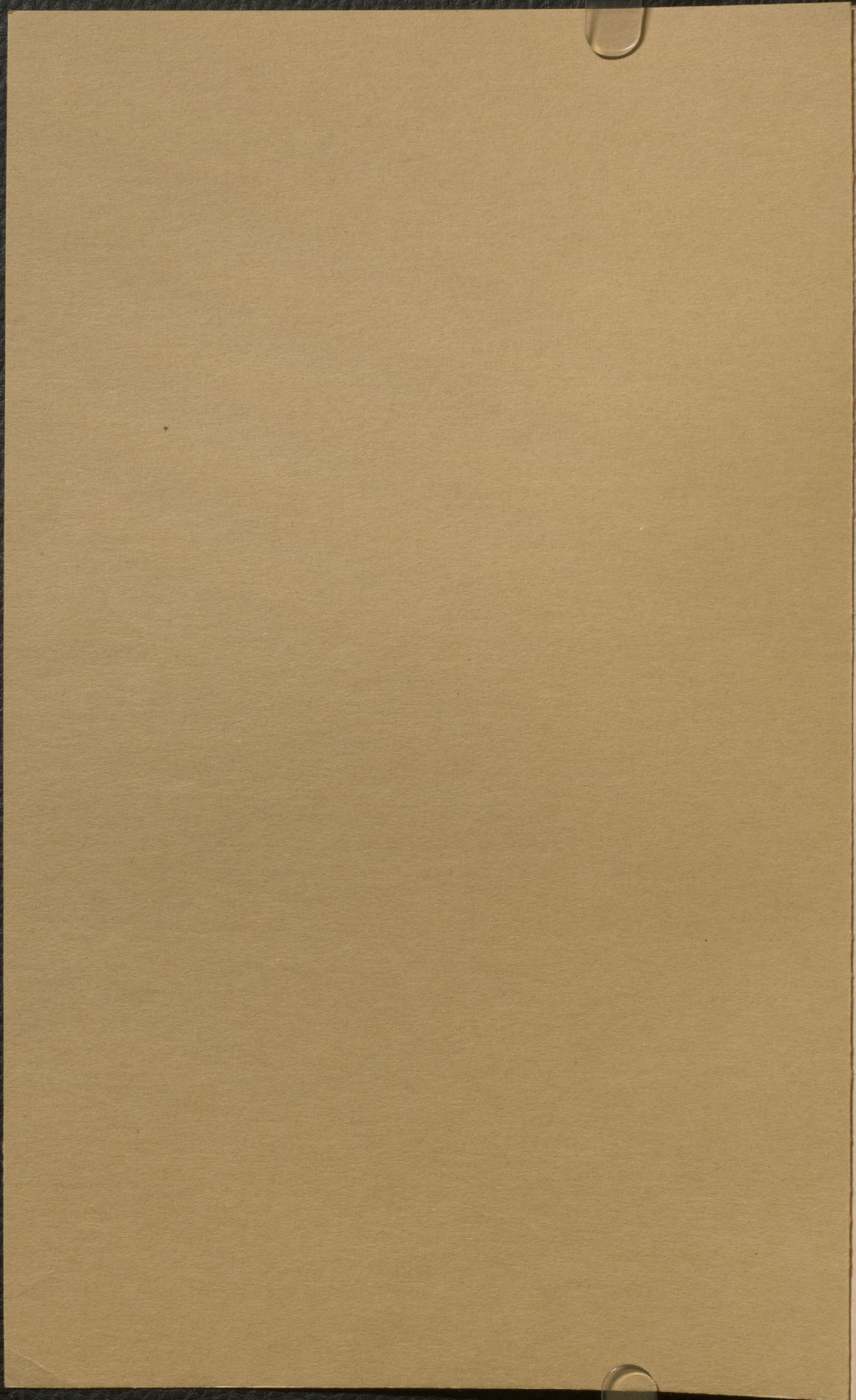




*T. H. Clark*

McGILL UNIVERSITY ARCHIVES
ACC. NO. 2349
REF. 3



II.—*Bibliography of Sir John William Dawson,*

By H. M. AMI, M.A., D.Sc., F.G.S.

(Read May 21st, 1901.)

1842.

(On the *Meriones Labradoricus* and *Arvicola Pennsylvanica*). Notice of, and record by J. W. Dawson. Proceedings of the Wernerian Natural History Society, February (1842); Edinburgh, New Philosophical Journal, Vol. 32, Oct.-Apr., 1842, p. 400. Edinburgh, Scotland.

A Geological Excursion to Prince Edward Island. *Haszard's Gazette*.

1843.

On the Lower Carboniferous or Gypsiferous Formation of Nova Scotia. *Proc. Geol. Soc.*, Vol. 4, pp. 272—281. (Six woodcuts, and Dr. A. Gesner's geol. map of Nova Scotia.) London, Eng.

1845.

On the Lower Carboniferous Rocks, or Gypsiferous Formation of Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 1, pp. 26—35. London, Eng.

On the Newer Coal Formation of the Eastern Part of Nova Scotia. *Proc. Geol. Soc.*, London, Vol. 4, pp. 504—512, (with geol. map section, notes on fossils, etc., by J. W. D.; also Vol 1, pp. 322—330. Same paper published in two volumes). London, Eng.

On the Newer Coal Formation of the Eastern part of Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 1, pp. 322—330, (with appendix on the Junction of the Carboniferous and Silurian System at Maccaras). London, Eng.

1846.

Notices of some Fossils found in the Coal Formation of Nova Scotia. *Proc. Geol. Soc.*, Vol. 2, 1846, pp. 132—136. London, Eng.

1847.

On the Destruction and Partial Reproduction of the Forests in British North America. 12 pp. *Edinburgh New Phil. Journ.*, Vol. 42, 1847, pp. 259—271. *Silliman's Journ.*, Vol. 4, 1847, pp. 161—170 *Froriep. Notizen*, 5, 1848, col. 65—72.

On the New Red Sandstone of Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 4, 1847, pp. 50—59. 4to Map and sections London.

1848.

On the Mode of Occurrence of Gypsum in Nova Scotia, and on its probable origin. *Proc. Roy. Soc. Edin.*, Vol. 2, pp. 140—141. Edinburgh

Notice of Specimens of the Wheat Midge from Nova Scotia. *Acad. Nat. Sci. Phila. Proc.* 4, 1848—9, pp. 210—211; *Ann. & Mag. Nat. Hist.*, Vol. 5,

Report on the Coal Fields of Carribou Cove and River Inhabitants, Cape Breton. *Journ. Nova Scotia Legislature*, 8 pp. Halifax.

1849.

On the Colouring Matter of Red Sandstones and of Greyish and White Beds Associated with them. (Read May 17th, 1849.) *Quart. Journ. Geol. Soc.*, Vol. 5, 1849, pp. 25-30. London, Eng.

Notice of the Gypsum of Blaister Cove in the Strait of Canseau. *Quart. Journ. Geol. Soc.*, Vol. 5, 1849, pp. 335-339. London, Eng.

1850.

Account of a Halo observed at Pictou, Nova Scotia, August 23, 1849. *Edinb. New Phil. Journ.*, Vol. 48, 1850, pp. 65-68. Edinburgh.

On the Metamorphic and Metalliferous Rocks of Eastern Nova Scotia. (Read March 13th, 1850.) *Quart. Journ. Geol. Soc.*, Vol. 6, pp. 347-364, 1850. London, Eng.

1851.

Preliminary report of the Superintendent of Education. (Addressed to the Hon. Jos. Howe.) *Journal and Proceedings of the House of Assembly*, Appendix No. 53, pp. 194-196, dated at Pictou, November 2, 1850. Halifax, 1851.

Report of schools of Nova Scotia for the year 1850, by the Superintendent of Education, Halifax, N.S., 128 pp. Published 1851.

On the Boulder Formation and Superficial Deposits of Nova Scotia. *Proc. Roy. Soc. Edinb.*, Vol. 2, A., pp. 141-142, 1851. Edinburgh.

Notice of the Occurrence of Upright Calamites near Pictou, Nova Scotia. (Read March 12th, 1851.) *Quart. Journ. Geol. Soc.*, Vol. 7, 1851, pp. 194-196. London, Eng.

1852.

Additional Notes on the Red Sandstones of Nova Scotia. (Illustrated.) (Read June 16th, 1852.) *Quart. Journ. Geol. Soc.*, Vol. 8, 1852, pp. 398-400. London, Eng.

Handbook of the Geography and Natural History of Nova Scotia. (Map.) Pictou and Edinburgh.

Report on the schools of Nova Scotia for the year 1851, 8vo, by the Superintendent of Education, Halifax, R. Urquhart, 1852. 79 pp. (Published 1852.)

1853.

On the Remains of a Reptile and of a Land Shell discovered in the interior of an Erect Tree in the Coal-Measures of Nova Scotia. (Lyell and Dawson.) *Quart. Journ. Geol. Soc.*, Vol. 9, pp. 58-67. 1853, London, Eng.

Report on the schools of Nova Scotia for 1853, by the Superintendent of Education. 58 pp. Halifax.

On the Albert Mine, Hillsborough, New Brunswick. *Quart. Journ. Geol. Soc.*, Vol. 9, 1853, pp. 107-115. Seven woodcuts. London, Eng.

Scientific Contributions towards the Improvement of Agriculture in Nova Scotia. 99 pp. Pictou, 1853. (In Peter Redpath Library.)

1854.

On the Structure of the Albion Mines Coal Measures, Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 10, pp. 42-47, London.

On the Coal-Measures of the South Joggins, Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 10, 1854, pp. 1-42, London, England.

On Fossil Coniferous Wood, from Prince Edward Island. *Proc. Acad. Nat. Sci. Phil.*, Vol. 7, 1854-55, pp. 62-64. Philadelphia.

Practical Hints to the Farmers of Nova Scotia on the Management and Improvement of Live Stock and on General Husbandry Compiled from Youatt, Johnston, Peters, Stephens and other late writers, with notes and explanatory remarks 148 pp. 12 figs. Richard Nugent, Halifax, N.S.

Contributions towards the improvement of Agriculture in Nova Scotia; with practical hints on the management and improvement of live stock. Compiled from Youatt, Johnston, Young, Peters, etc. By J. W. Dawson, M.A., F.G.S., second edition, revised and improved. Published under a grant of the Legislature, Halifax, N.S. Printed by Richard Nugent, 8vo, 12 figures, 148 pp., including pl. 3.

1855.

Acadian Geology, an account of the Geological Structure and Mineral resources of Nova Scotia and portions of the neighbouring provinces of British America. 1st edition, xii pp. & 388 pp. 1855 (illustrations and map.) Edinburgh, Scotland, London, Eng., and Pictou, N.S.

Notice of the Discovery of a Reptilian skull in the coal of Pictou. (Read Nov. 1st, 1854.) Quart. Journ. Geol. Soc., Vol. 11, pp. 8-9. London, Eng. (Issued 1855.)

On a Modern Submerged Forest at Fort Lawrence, Nova Scotia. Quart. Journ. Geol. Soc., Vol. 11, 1855, pp. 119-122. London, Eng.

On the Course of Collegiate Education adapted to the circumstances of British America. The Inaugural Discourse of the Principal of McGill College, Montreal. 29 pp. H. Ramsay, Montreal. 1855. (Reprint, 24 pp. 1895, Montreal.) (Canadian Pamphlets, No. 83, Library of Parliament, Ottawa, Canada.)

Address at the Meeting of the Association of Protestant Teachers of the Province of Quebec. 10 pp. (Bound with paper "On the Course of Collegiate Education," 1855, in Peter Redpath Library.)

1856.

On the Species of *Meriones* and *Arvicolæ* Found in Nova Scotia. Brit. Assoc. Rep., 1855, Pt. 2, p. 110; Edinb. New Phil. Journ. III, 1856, pp. 1-4. Edinburgh, Scotland.

1857.

Remarks on a Specimen of Fossil Wood from the Devonian Rocks (Gaspé Sandstones) of Gaspé, Canada East. Proc. Amer. Assoc. Adv. Sci., 1857, Pt. 2, pp. 174-176. (Boston meeting), Mass.

Natural History in its Educational Aspect. Barnard's Amer. Journ. of Education, pp. 428-436, Art. II, June, 1857. (Extracts from the introductory Lecture of the popular course of the Natural History Society of Montreal.) Hartford, Connecticut.

On the parallelism of the Rock Formations of Nova Scotia with those of other parts of America. Proc. Amer. Assoc. Adv. Sci. Part 2, pp. 18-25. (Albany.) Cambridge, Mass.

Archaia, or Studies of the Narrative of the Creation in Genesis. Montreal, 1857.

On the Varieties and Mode of Preservation of the Fossils known as *Sternbergiæ*. Proc. Amer. Assoc. Adv. Sci., 1857, (pt. 2) pp. 64-67; Can. Journ. 2, 1857, pp. 476-479, Toronto; Can. Nat. and Geol., Vol. 2, No. 4, Sept. 1857, pl. 5, pp. 299-305. Montreal.

On the Newer Pliocene Fossils of the St. Lawrence Valley. Proc. Amer. Assoc., Adv. Sci., 1857, pt. 2, pp. 74-75. See also Review Can. Nat. and Geol. Vol. 2, No. 4, pp. 279-280. Montreal.

Sec. IV., 1901. 2.

On the Geological Structure and Mineral Deposits of the Promontory of Maimansee, Lake Superior. *Can. Nat. and Geol.*, Art. 1, Vol. 2, No. 1, pp. 1-12. (Illustrated.) March, 1857. Montreal.

The Testimony of the Rocks, by Hugh Miller. *Can. Nat. and Geol.*, Art. 9, Vol. 2, No. 2, pp. 81-92. May, 1857. Montreal.

Recent Geological Discoveries. *Can. Nat. and Geol.*, Vol. 2, No. 3, pp. 188-195. (Review of suppl. to 5th ed., Lyell's Manual of Geology. London, 1857.) July, 1857. Montreal.

On the Newer Pliocene and Post Pliocene Deposits of the vicinity of Montreal, with notices of Fossils recently discovered in them. *Can. Nat. & Geol.*, Vol. 2, No. 6, December, 1857, pp. 401-426. Montreal.

Farther gleanings from the Meeting of the Amer. Assoc. Adv. Sc. in Montreal, Art. 32. *Can. Nat. & Geol.*, Vol. 2, Sept. 1857, pp. 355-359, Montreal.

## 1858.

On the Newer Pliocene and Post Pliocene Deposits of the vicinity of Montreal, with notices of Fossils recently discovered in them. Extracted from *Can. Nat. & Geol.*, 1858. Issued as separate. 28 pp. Montreal.

Things to be Observed in Canada, and especially in Montreal and its vicinity. *Can. Nat. & Geol.*, Vol. 3, 1858, pp. 1-12. Montreal.

Report of the Geological Survey of Canada. *Can. Nat. & Geol.*, Vol. 3, pp. 32-39, 81-96. Montreal.

Permian Fossils in Kansas and elsewhere in America. *Can. Nat. & Geol.*, Vol. 3, No. 1, p. 80. February, 1858. Montreal.

Agassiz's Contributions to the Natural History of the United States. Vols. 1 & 2. Boston. *Can. Nat. & Geol.*, Vol. 3, No. 3, Art. 22, pp. 201-212, June, 1858. Montreal. (Concluded in) *Can. Nat. & Geol.*, Vol. 3, No. 4, Art. 24, pp. 241-260. August, 1858. Montreal.

Coal in Canada. The Bowmanville Discovery. *Can. Nat. & Geol.*, Vol. 3, No. 3, Art. 23, pp. 212-223. June, 1858. Montreal.

A Week in Gaspé. *Can. Nat. & Geol.*, Vol. 3, 1858, pp. 321-331. Montreal.

On Sea Anemones and Hydroid Polyyps from the Gulf of St. Lawrence. *Can. Nat. & Geol.*, Vol. 3, 1858, pp. 401-409. Montreal.

## 1859.

On Fossil Plants from the Devonian Rocks of Canada. *Quart. Journ. Geol. Soc.*, Vol. 15, 1859, pp. 477-488. London, Eng.

On the Lower Coal Measures as developed in British America. (1858.) *Quart Journ. Geol. Soc.*, Vol. 15, 1859, pp. 62-76. London, Eng. *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 303-305. Montreal.

On the Vegetable Structures in Coal. *Quart. Journ. Geol. Soc.*, Vol. 15, 1859, pp. 626-641. *Can. Journ.*, Vol. 5, 1860, pp. 305-307. Toronto.

Additional Notes on the Post Pliocene Deposits of the St. Lawrence Valley. *Can. Nat. & Geol.*, Vol. 4, No. 1, 1859, pp. 23-39. February. Montreal.

On the Microscopic Structure of Some Canadian Limestones. *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 161-169. Montreal.

On a specimen of Aboriginal Pottery in the Museum of the Natural History Society of Montreal. *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 186-190. Montreal.

Geological Survey of Canada. *Can. Nat. & Geol.*, Vol. 3, 1859, pp. 220-228. Montreal. (A Review.)

Recent Researches in the Devonian and Carboniferous Flora of British America. *Proc. Amer. Assoc. Adv. Sci.*, 1859, pp. 308-310. *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 297-298. Montreal.

Post-Tertiary of the St. Lawrence Valley. *Silliman's Journal*, Vol. 27, 1859. pp. 434-437. New Haven, Conn.

On a New Species of Stickleback. (*Gasterosteus gymnetes*.) *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 321-324. Montreal.

James McGill and the University of McGill College. Montreal. (Biographical sketch of James McGill.) 14 pp. 1859. Reprinted from *Barnard's American Journal of Education* for September, 1859.

Fossile Pflanzen in Devon-Gesteinen der Insel Gaspé in Canada. London, Edinburgh and Dublin. *Phil. Mag.*, 4th series, No. 112, pp. 147-148. February, 1859.

Geological Survey of Canada. Report of Progress for 1857. (Review.) *Can. Nat. & Geol.*, Vol. 4, 8vo, pp. 62-69, 1859. Montreal.

Address by the President (Principal Dawson) (at the Inauguration of the new buildings of the Natural History Society, Cathcart Street, Montreal. *Can. Nat. & Geol.*, Vol. 4, No. 2, pp. 142-144, April, 1859. Montreal.

"Catalogue of Animals and Plants collected and observed on the south-east side of the St. Lawrence from Quebec to Gaspé, and in the Counties of Rimouski, Gaspé and Bonaventure," by Mr. Robert Bell, Jr., Assistant to Mr. James Richardson, Geological Explorer under Sir W. E. Logan, in 1858." (Class *Annulata*. Order *Tubicolæ*, determined by Dr. J. W. Dawson), p. 251 and Class *Polyzoa*, Order *Cheilostomata*, pp. 255-257.

Geological Survey of Canada. Report of Progress for the year 1857. (A review). *Can. Nat. & Geol.*, Vol. 4, No. 1, pp. 62-69. Feb., 1859. Montreal.

## 1860.

On the Fossil Plants of the Devonian Rocks of Canada. *Can. Nat. & Geol.*, Vol. 5, 1860, pp. 1-14. Montreal.

On the Vegetable Structures in Coal. *Quart. Journ. Geol. Soc.* (London), pp. 626-641, (with plates 17, 18, 19, 20.) February. London, Eng.

*Archaia*, or Studies of the Cosmogony and Natural History of the Hebrew Scriptures, 440 pp. B. Dawson & Son, Montreal; Sampson, Low, Son & Co., London, Eng. Review of "*Archaia*," etc. 1860, 8vo, 400 pp. In *Edinburgh New Philosophical Journal*, Edinburgh, new series, Vol. 3, pp. 291-295, 8vo, 1861, A. & G. Black. Edinburgh.

On a Terrestrial Mollusk, a Chilognathous Myriapod, and some new species of Reptiles from the Coal Formation of Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 16, 1860, pp. 268-277. London, Eng. Abstract of paper. *Can. Nat. & Geol.*, Vol. 5, No. 3, pp. 222-223. June, 1860. Montreal.

On the Tubicolous Marine Worms of the Gulf of St. Lawrence. *Can. Nat. & Geol.*, Vol. 5, 1860, pp. 24-30. Montreal.

Review of "Darwin on the Origin of Species by means of Natural Selection." *Can. Nat. & Geol.*, Vol. 5, No. 1, Art. III., Feb., 1860, pp. 100-120. Montreal.

On the Silurian and Devonian Rocks of Nova Scotia. *Can. Nat. & Geol.*, Vol. 5, pp. 132-143. Montreal. (Same title, date and subject—published as separate pamphlet, 28 pp.)

Supplementary Chapter to "*Acadian Geology*." 70 pp. (Illustrated.) Edinburgh, London, Pictou.

Notice of Tertiary Fossils from Labrador, Maine, etc., and Remarks on the Climate of Canada, in the Newer Pliocene or Pleistocene Period. *Can. Nat. & Geol.*, Vol. 5, No. 3, Art. XV, June 1860, pp. 188-200. Montreal.

Professor Hall's Report on the Geology of Iowa. Vol. 1, Pts. 1 & 2. *Can. Nat. & Geol.*, Vol. 5, No. 3, pp. 213-215. June, 1860. (Review) Montreal.

Palæontological Note by Dr. Dawson in Paper by Rev. D. Honeyman, on new Localities of Fossiliferous Silurian Rocks in Eastern Nova Scotia. *Can. Nat. & Geol.*, Vol. 5, No. 4, Art. 41, pp. 297-299 (printed 197-199) August, 1860. Montreal.

Notes on the Coal Fields of Pictou, by Henry Poole. *Can. Nat. & Geol.*, Vol. 5, No. 4, pp. 285-286 and 291-293 (printed 192-193). Aug., 1860. Montreal. (Palæontological and other notes by J. W. D. at pages indicated.)



Notes on the Earthquake of October, 1860. Can. Nat. & Geol., Vol. 5, 1860, pp. 363-372. Montreal.

Notes on Aboriginal Antiquities recently discovered in the Island of Montreal. Can. Nat. & Geol., Vol. 5, No. 6, Dec., 1860, Art. 52, pp. 430-449. Montreal.

Supplementary Chapter to Acadian Geology. 12mo. 70 pp. Wood engravings of fossils. Edinburgh.

On an undescribed Fossil Fern from the Lower Coal Measures of Nova Scotia. (Abstract) Can. Nat. & Geol., Vol. 5, No. 6, Dec., 1860, pp. 460-461. Montreal. Quart. Journ. Geol. Soc., Vol. 17, 1861, p. 5. London, Eng.

Note on a Specimen of *Neera* collected by Mr. R. S. Fowler, and exhibited to the Natural History Society of Montreal. Can. Nat. & Geol., Vol. 5, No. 6, Dec., 1860, pp. 461-462. Montreal.

Note on Relics of the Red Indian of Newfoundland collected by Mr. Smith McKay, and exhibited to the Natural History Society. Can. Nat. & Geol., Vol. 5, No. 6, half page 462. Dec., 1860. Montreal.

Statement of the Board of Royal Institution, Governors of McGill College. Being extracts from a memorial prepared for the Government and Legislature of Canada, 1860. 8 pp. John C. Becket, Montreal.

## 1861.

The Pre-Carboniferous Flora of New Brunswick, Maine and Eastern Canada. Can. Nat. & Geol., Vol. 6, 1861, pp. 161-180. Montreal. Noticed anonymously in Amer. Journ. Sci., Vol. 33, 1862, pp. 278-279. 2nd series.

Archéologie Canadienne. De quelques sépultures d'anciens indigènes de l'Amérique découverts à Montréal. (Traduit du "Canadian Naturalist" et annoté pour le "Journal de l'Instruction Publique.") 24 pp. Impr. Eusèbe Sénécal, Montréal, 1861. (Canadian Pamphlets, Nos. 473 & 104, Library of Parliament, Ottawa, Canada.)

Notes on the Geology of Murray Bay, Lower St. Lawrence. Can. Nat. & Geol., Vol. 6, pp. 138-151. (With list of Cambro-Silurian and Post-Tertiary fossils and description of *Lingula Eva*, by E. Billings, p. 150). Montreal.

(Descriptions of new species of fossil plants from Perry, Maine.) "Agric. and Geol. of Maine", 2nd Ser., 1861, pp. 249-251, illustrated. Augusta, Me.

The Earthquake of July 12, 1861. Can. Nat. & Geol., Vol. 6, No. 4, p. 329, August, 1861. Montreal.

On the Recent Discoveries of Gold in Nova Scotia. Can. Nat. & Geol., Vol. 6, 1861, pp. 417-433. Montreal.

On an Erect *Sigillaria* from the South Joggins, Nova Scotia. Journ. Geol. Soc., Vol. 17, 1861, pp. 522-524. Can. Nat. & Geol., Vol. 7, 1862, pp. 106-111. Montreal.

Note on a Carpolite from the Coal Formation of Cape Breton. Journ. Geol. Soc., Vol. 17, 1861, pp. 525-526. Can. Nat. & Geol., Vol. 7, 1862, pp. 111-113. Montreal.

Synopsis of the Course of Zoology, McGill University (Montreal), Session 1862-63. 17 pp. (General view, functions and classification of the Animal Kingdom.) Montreal.

## 1862.

Proceedings at the Inauguration of the Wm. Molson Hall of McGill University, by His Excellency The Rt.-Hon. Viscount Monk. Oct. 10, 1862. pp. 31-39. Addendum. J. W. D.

Alpine and Arctic Plants, a lecture delivered before the Young Men's Christian Association of Montreal, February, 1862, 25 pp. John Lovell, Montreal, 1862.

Notice of the Discovery of Additional Remains of Land Animals in the Coal Measures of the South Joggins, Nova Scotia. Quart. Journ. Geol. Soc., Vol. 18, 1862, pp. 296-328. Silliman's Journ., Vol. 35, 1863, pp. 311-319.

Note on Mr. Lesley's Paper on the Coal Measures of Cape Breton. Proc. Phil. Soc. Amer., Vol. 9, 1862-63, pp. 165-170.

On the Flora of the Devonian Period in North Eastern America. Quart. Journ. Geol. Soc., Vol. 18, pp. 296-330. (1. Localities: N. Y., Maine, Canada, N. Br. 2. Descriptions of Species. 3. Conclusion.) Nov. 1862, London, Eng. (Opposite page 329 an additional page or appendix, bearing date September, 1862, was inserted.)

Notes on the Flora of the White Mountains, in its Geographical and Geological Relations. Can. Nat. & Geol., Vol. 7, 1862, pp. 80-102. Montreal.

On an Erect Sigillaria and a Carpolite, from Nova Scotia. Can. Nat. & Geol., Vol. 7, No. 2, pp. 106-113 (illustrated.) Montreal.

On the Footprints of Limulus as compared with the Protichnites of the Potsdam Sandstone. Can. Nat. & Geol., Vol. 7, 1862 pp. 271-277. Montreal. (Abstract of paper in Can. Nat. & Geol., published in the Amer. Journ. Sc., Vol. 34, Ser. 2, pp. 446-447. New Haven, Conn., U.S.A.)

Zoological Classification of Cœlenterata and Protozoa *versus* Radiata. Can. Nat. & Geol., Vol. 7, 1862, pp. 438-443. Montreal.

Fossil Plants Discovered at Perry, Me. Letter (Nov. 28th, 1862,) to C. H. Hitchcock, Proc. Portland Soc. Nat. Hits., Vol. 1, pt. 2, pp. 99-100, pl. 2, 1862. Portland, Me.

Review of Hooker's "Outlines of the distribution of Arctic Plants." Can. Nat. & Geol., 8vo, Vol. 7, No. 5, pp. 334-344. October, 1863. Dawson Bros., Montreal.

#### 1863.

On the Antiquity of Man. A review of "Lyell" (Sir Charles) & "Wilson" (Sir Daniel). Can. Nat. & Geol., 8vo, Vol. 8, pp. 113-135. 1863. Montreal. Also Edinburgh New Philosophical Journal, Edinburgh, 1864. A. & G. Black, 8vo, new series, Vol. 19, pp. 40-64.

A Handbook of the Geography and Natural History of the Province of Nova Scotia for the Use of Schools, Families & Travellers. 84th edition revised. pp. 96. Pictou, McPherson & Co., 1863.

On Two New Coal Plants from Nova Scotia. (Abstract). (Edinburgh New Philosophical Journal. A. & G. Black, 1863. 8vo, new series, Vol. 18, p. 298. Brit. Assoc. Proceedings.)

The Duties of Educated Young Men in British America. (Being the Annual University lecture of McGill University, Montreal. Session of 1863-64.) 24 pp.; John Lovell, Montreal, 1863. (Canadian pamphlets, No. 527, Library of Parliament, Ottawa, Canada.)

Notice of a New Species of Dendroperon, and of the Dermal Coverings of certain Carboniferous Reptiles. Quart. Journ. Geol. Soc., Vol. 19, 1863, pp. 469-473.

On American Devonian. Silliman's Journ. or Amer. Journ. Sci., ser. 2, Vol. 35, 1863, pp. 309-311. New Haven, Conn.

Further Observations on the Devonian Plants of Maine, Gaspé and New York. Quart. Journ. Geol. Soc., London, pp. 458-469, pls. 17-19. Nov., 1863. London, Eng.

The Air-breathers of the Coal Periods in Nova Scotia. Can. Nat. & Geol., Vol. 8, No. 1, 1863, pp. 1-12, 81-88, 159-160, 161-175, 268-295. Montreal.

Air Breathers of the Coal Period. A descriptive account of the remains of land animals found in the Coal Formations of Nova Scotia, with remarks on their bearing on theories of the formation of coal, and of the origin of species. Issued as separate, with photograph and illustrations. 81 pp. six plates, 1 photograph, 1 frontispiece, 1863. Dawson Bros., Montreal.

Addendum to Dr. Dawson's article on Air Breathers of the Coal Period. Can. Nat. & Geol., Vol. 8, No. 2, pp. 159-160. 8vo. April, 1863. Dawson Bros., Montreal.

Synopsis of the Flora of the Carboniferous Period in Nova Scotia. Can. Nat. & Geol., Vol. 8, No. 6, December 1863, pp. 431-457. Montreal.

(Post-Tertiary deposits and their fossils.) Geology of Canada, 1863, Geol. Surv. Can., Rep. Progress from its Commencement to 1863, etc. Chapter XXII, Supplementary; Superficial Geology, pp. 886-930; (pp. 915-928 for most part prepared from manuscripts by J. W. D.)

1864.

On some Points in the History and Prospects of Protestant Education in Lower Canada. A lecture delivered by Principal Dawson before the Association of Teachers, in connection with the McGill Normal School, Dec., 1864. Printed by J. C. Becket, Montreal, 1864. 20 pp. (Canadian Pamphlets, 142, Library of Parliament, Ottawa, Can.)

Agriculture for Schools, Montreal.

Addresses of Principal Dawson and Rev. D. H. McVicar, delivered at the Bible Society Meeting January 27, 1864. Montreal, 1864. John Lovell, pp. 3-6.

Address of the President of the Natural History Society (of Montreal), Can. Nat. & Geol., N. S., Vol. 1, No. 3, pp. 218-229. June, 1864. Montreal.

On the Fossils of the Laurentian and Boulder Drift of Canada. Amer. Journ. Sci., Vol. 38, 1864, pp. 231-239. New Haven, Conn.

Elementary Views of the Classification of Animals. Can. Nat. & Geol., N. S., Vol. 1, No. 4, pp. 241-258. August, 1864. Montreal.

On the Fossils of the Genus *Rusophycus*. Can. Nat., second series, Vol. 1, pp. 363-367. October, 1864. (An illustration of *Rusichnites Acadicus* to accompany description on page 458, Dec., 1864.) Montreal.

Synopsis of the Flora of the Carboniferous Period in Nova Scotia. Amer. Journ. Sci., Vol. 37, 1864, pp. 419-427. New Haven, Conn.

The Flora of the Carboniferous Epoch of Nova Scotia. By J. W. Dawson, (Review.) In Quarterly Journal of Science, London, John Churchill & Sons, 1864. 8vo. Vol. 5, (1 pl) p. 732. London.

1865.

Note on Mr. Lesley's Paper, On the Coal Measures of Cape Breton, (with remarks by Mr. Lesley). Excerpt from proceedings of American Philosophical Society. Vol. 9, March, 1865. 8vo, pp. 165-170. (Canada Mining Report, Vol. 3.)

Biography of Sir William Dawson, by Fennings Taylor, "Portraits of British Americans." 1865. pp. 143-157.

Notes on the meeting of the Association at Birmingham, 1865. Can. Nat. for Dec., 1865. 16 pp. (Issued as separate.)

Elementary Views of the Classification of Animals. In Can. Nat. & Geol., Vol. pp. August, 1864. (Review of the above by Rev. Prof. Wm. Hicks, Hind, F. L. S., in Can. Journ., Vol. 10, No. 4, pp. 19-30, January, 1865). Toronto.

The Palæozoic Floras in Northeastern America. Brit. Assoc. Rep., Vol. 35, 1865, (Sect. C.), pp. 50-51. Geol. Mag., Vol. 2, 1865, pp. 568-569. London, Eng.

On the Fossil Plants of the Post-Pliocene Deposits of Canada, in connection with the Climate of the Period, and the formation of Boulder Clay. Brit. Assoc. Rep., Vol. 35, 1865, (Sect.) p. 50. Geol. Mag., Vol. 2, 1865, pp. 561-563.

On the Structure of Certain Organic Remains in the Laurentian limestones of Canada. (1864). Quart. Journ. Geol. Soc., Vol. 21, pp. 51-59. Can. Nat. & Geol., Vol. 2, 1865, pp. 99-111, 127-128. Montreal. Phil. Mag., Vol. 29, p. 76, 1865.

Notes on Post-Pliocene Deposits at Rivière du Loup and Tadoussac. Can. Nat. & Geol., Vol. 2, 1865, pp. 81-88. Montreal.

The President's Address. Can. Nat. & Geol., N. S., Vol. 2, No. 4, pp. 300-304, August, 1865. Montreal.

1866.

On the Conditions of the Deposition of Coal, more especially as Illustrated by the Coal Formations of Nova Scotia and New Brunswick. (Read 1865). *Quart. Journ. Geol. Soc.*, Vol. 22, May, 1866, pp. 95-169. London, Eng.

Geological Map of Canada and the Adjacent Regions. *Geol. Sur. Can.* Sir W. E. Logan, etc., and also "from the labours of Dr. J. W. Dawson." Scale 25 miles to 1 inch. Paris, France.

On Flint Implements. *Can. Nat. & Geol., N. S.*, Vol. 3, No. 1, pp. 20-21. February, 1866. Montreal.

The Evidence of Fossil Plants as to the Climate of the Post-Pliocene Period of Canada. *Can. Nat. & Geol.*, new series, Vol. 3, No. 1, pp. 69-76; also issued as separate, 7 pp., February, 1866. Montreal.

Note on the Supposed Burrows of Worms in the Laurentian Rocks of Canada. *Quart. Journ. Geol. Soc.*, Vol. 22, 1866, pp. 608-609, with figs. 1-5. London. *Phil. Mag.*, Vol. 31, p. 158; Vol. 32, p. 234. *Can. Nat. & Geol.*, Vol. 3, 1868, pp. 321-322. Montreal.

1867.

On Recent Geological Discoveries in the Acadian Provinces of British America. *Proc. Amer. Assoc. Adv. Sci.*, Vol. 16, 1867, pp. 117-119.

On Some Remains of Palæozoic Insects recently Discovered in Nova Scotia and New Brunswick. *Amer. Journ. Sci.*, Vol. 44, 1867, p. 116. New Haven, Conn. *Geol. Mag.*, Vol. 4, 1867, pp. 385-388. London, Eng. *Can. Nat. & Geol.*, Vol. 3, 1867, pp. 202-206. Montreal.

Coal Discoveries and Primordial Fossils in Nova Scotia and New Brunswick. *Geol. Mag.*, Vol. 4, 1867, pp. 73-74. London, Eng.

On certain Discoveries in regard to Eozoon Canadense. *Geol. Mag.*, Vol. 4, 1867, pp. 222-223. London, Eng.

Notes on Fossils recently obtained from the Laurentian Rocks of Canada, and on Objections to the Organic Nature of Eozoon, with notes by W. B. Carpenter. *Quart. Journ. Geol. Soc.*, Vol. 23, 1867, pp. 257-264. London. *Amer. Journ. Sci.*, Vol. 44, 1867, pp. 367-376. New Haven, Conn. *Phil. Mag.*, Vol. 34, 1867, pp. 318-319. *Can. Nat. & Geol.*, Vol. 3, 1868, pp. 312-321. Montreal.

On the Discovery of a New Pulmonate Mollusk (*Zonites (Conulus) priscus*, Carp.) in the Coal Formation of Nova Scotia. With a description of the species by Philip P. Carpenter, M.D. *Quart. Journ. Geol. Soc.*, Vol. 23, 1867, pp. 330-333. London. *Phil. Mag.*, Vol. 34, 1867, p. 398.

Post-Pliocene Climate in Canada. *Journ. of Botany*, Vol. 5, 1867, pp. 121-125.

Note (on a Subdivision of the Acadian Carboniferous Limestones, with a description of a section across these rocks at Windsor, N.S.) *Can. Nat. & Geol., N. S.*, Vol. 3, No. 3, p. 224. May, 1867. Montreal.

On Eozoon Canadense. (With notes by W. B. Carpenter, M. D., F. R. S.) *Can. Nat. & Geol.* Reprinted from *Q. J. G. S.*, August, 1867. Montreal.

Die Schichten von St. John unter teufen die Untersten Schichten der Steinkohlenformation und Enthalten eine charakterische devonische Flora. *Neues Jahrb.* 1867, pp. 702-703. Stuttgart.

1868.

Acadian Geology, the Geological Structure, Organic Remains and Mineral Resources of Nova Scotia, New Brunswick and Prince Edward Island. 2nd ed., revised and enlarged, with a geological map and numerous illustrations. 694 pp. Macmillan & Co. London, 1868. Abstract. *Can. Journ., N. S.*, Vol. 1, pp. 39-48. Toronto, 1856. By E. J. Chapman. Reviewed by E. Billings. *Can. Nat. & Geol.*, Vol. 5, pp. 450-455. Abstract of supplement to second edition, by author. *Amer. Journ. Sci.*, 3rd series, Vol. 15, pp. 478-480. New Haven.

On recent Geological Discoveries in the Acadian Provinces of British America. *Can. Nat. & Geol., N. S., Vol. 3, No. 4*, pp. 295-297. January, 1868. Montreal.

The Food of the Common Sea Urchin. *Amer. Nat., Vol. 1*, 1868, pp. 124-125. Philadelphia.

Comparisons of the Icebergs of Belle Isle, with the Glaciers of Mont Blanc, with reference to the boulder clay of Canada. (1866. *Can. Nat. & Geol. Vol. 2*, 1868, pp. 33-34. Montreal.

The Evidence of Fossil Plants as to the Climate of the Post-Pliocene Period in Canada. (1866.) *Can. Nat. & Geol. (new series), Vol. 3*, 1868, pp. 69-76. Montreal.

Notices of Some Remarkable Genera of plants of the Coal Formation. *Can. Nat. & Geol., Vol. 3 (new series)*, 1868, pp. 362-374. Montreal.

The Removal and Restoration of Forests. *Can. Nat. & Geol., Vol. 3*, 1868, pp. 405-417. Montreal.

On New Specimens of *Eozoon Canadense* with a Reply to Professors King and Rowney, (with notes by W. B. Carpenter.) *Amer. Journ. Sc., Vol. 46. Series 2*, pp. 245-257, 2 pl. New Haven, Conn., U.S.A.

A New Pulmonate (*Zonites priscus*), in the Coal Formation of Nova Scotia. *Abstract Quart. Journ. Sci., London, John Churchill & Sons*, 1868, 8vo. Vol. 5, p. 98, *Geol. Soc. proceedings*.

## 1869.

Notes on a Visit to Scientific Schools and Museums in the United States. *Can. Nat. & Quart. Journ. Sci., N. S., Vol. 4, No. 1*, pp. 1-10, 1869. Montreal.

On the Wakefield Cave. *Can. Nat. & Quart. Journ. Sci., Vol. 4, No. 1*, p. 71. Montreal.

(Review of Croil) on Geological Time. *Can. Nat. & Quart. Journ. Sci., Vol. 4, No. 1*, pp. 73-78. 1869. Montreal.

Deep Sea Dredging in its Relations to Geology. *Can. Nat. & Quart. Journ. Sci., Vol. 4, No. 1*, pp. 78-81, 1869. Montreal.

On Modern Ideas of Derivation. *Can. Nat. & Quart. Journ. Sci., N.S., Vol. 4, No. 2*, pp. 121-138. July, 1869. Montreal. (Presidential Address delivered May, 1868.)

On some new Fossil Plants, etc., from Gaspé. *Can. Nat. & Quart. Journ. Sc., Vol. 4*, 1869, pp. 464-465. Montreal. (Summary.)

On the Graphite of the Laurentian of Canada. *Quart. Journ. Geol. Soc., Vol. 25*, 1869, p. 406. Vol. 26, 1871, pp. 112-117. London. *Can. Nat. & Geol., Vol. 5*, 1870, pp. 13-20. Montreal. *Phil. Mag., Vol. 39*, 1870.

On Calamites. *Ann. & Mag. Nat. His., Vol. 4*, 1869, pp. 272-273. London. Fossil Plants Discovered in Perry, Me. *Proc. Portland Soc. Nat. Hist., Vol. 1, pt. 2*, pp. 99-100. (plate, 9 figs.) (Dated Nov. 26, 1862, McGill College, Montreal.) 1869. Portland. Me.

Geological Notes. *Can. Nat. and Quart. Journ. Sci., Vol. 4, No. 1*, p. 71, 1869. Montreal.

## 1870.

JAMES MCGILL, and the origin of his University. *New Dominion Monthly*, pp. 37-40, March 1870. Montreal.

First Lessons in scientific agriculture for schools and private instruction. Montreal and Toronto, 1864. 208 pp. (Several editions.)

Science Education Abroad. (Being the annual University Lecture of the session, 1870-71, delivered in the William Molson Hall, Nov. 18, 1870.) 15 pp. Gazette Printing House, 1870. Montreal. (Canadian pamphlets, No. 294, Library of Parliament, Ottawa, Canada.)

Notes on New Points and Corrections in Acadian Geology. *Trans. Nova Scotian Instit. Nat. Sci., Vol. 2, pt. 3*, pp. 166-169. Halifax.

Notes on the Structure of *Sigillaria* (1866.) *Quart. Journ. Geol. Soc.*, Vol. 26, 1870, pp. 165-166. *London. Phil. Mag.*, Vol. 40, 1870, pp. 74-75.

Notes on some New Animal Remains from the Carboniferous and Devonian of Canada (1869.) *Quart. Journ. Geol. Soc.*, Vol. 26, 1870, pp. 166. *London, Phil. Mag.*, Vol. 1870, p. 75.

On the pre-Carboniferous Floras of Northeastern America, with special reference to that of the Erian (Devonian) period. *Roy. Soc. Proc.*, Vol. 18, 1870, pp. 333-335. *Ann. & Mag. Nat. Hist.*, Vol. 6, 1870, pp. 103-105. Also published as The Bakerian Lecture. "On the pre-carboniferous floras of Northeastern America, with especial reference to that of the Erian (Devonian) period." *Abstract in Proc. Roy. Soc.*, No. 119, 1870, 1 page.

Handbook of Zoology, with examples from Canadian Species, recent and fossil, Invertebrata. Part 1, 264 pp. Dawson Bros., Montreal.

On the Structures and Affinities of *Sigillaria*. *Calamites and Calamodendron*. *Quart. Journ. Geol. Soc.*, Vol. 26, 1870, pp. 488-490. *London: Phil. Mag.*, Vol. 40, 1870, pp. 334-336.

Notes on the Structure of *Sigillaria*. (Abstract.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 5, No. 1, p. 98. March, 1870. Montreal.

Note on some new Animal remains from the Carboniferous and Devonian of Canada. (Abstract.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 5, No. 1, pp. 98-99. March, 1870, Montreal.

A Plea for the extension of University Education in Canada, and more especially in connection with the McGill University, Montreal. 31 pp. Montreal. J. C. Becket, 1870. (Canadian pamphlets, Nos. 337 & 221, Library of Parliament, Ottawa.)

Science Education Abroad. What is Science Education? (Extracts from a lecture by Principal Dawson.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 5, No. 3, pp. 263-281, Sept. 1870. Montreal.

The Earthquake of October 20th, 1870. Felt in Canada. *Can. Nat. & Geol.* Vol. 5, 1870, 262-289. Montreal. Reprinted as separate in amended form, 8 pp. Montreal, 1870.

Note on the Genus *Eophyton*. *Can. Nat. & Quart. Journ. Sci.*, 2nd series. Vol. 5, pp. 20-22. 1870. (It is possible that this article was not written by Dawson.)

The Primitive Vegetation of the Earth. *Nature*, Vol. 2, June 2, 1870, pp. 85-88. *London, Eng., Amer. Nat.* Vol. 4, pp. 474-583. 1871. *Proc. Roy. Instit.*, Vol. 6, 1872, pp. 165-172. *London, Eng.*, issued as separate. 8 pp. 1870.

On Spore Cases in Coals. *Can. Nat. & Geol.*, Vol. 5, 1870, pp. 369-377. Montreal. *Amer. Journ. Sci.*, Vol. 1, 1871, pp. 256-263. *New Haven, Conn., Ann. & Mag. Nat. Hist.*, Vol. 7, 1871, pp. 321-329. *Monthly Microsc. Journ.*, Vol. 6, pp. 90-97. *New York*, 1871.

## 1871.

Report on the Geological Structure and Mineral Resources of Prince Edward Island. (Assisted by B. J. Harrington, B.A., Ph. D.) Printed by authority of the Government of Prince Edward Island, 52 pp. 1871. Montreal.

Lecture Notes on Minerals. Ladies' Association Classes, 1871-72. 25 pp. (Published as separate pamphlet.) Montreal.

The Fossil Plants of the Devonian and Upper Silurian Formations of Canada. *Geol. Surv. Can.* 92 pp., 20 pls. Printed by the authority of Parliament. Montreal.

Annual Address of the President of the Natural History Society of Montreal. (Delivered May 19, 1871.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, No. 1, pp. 1-9. Montreal. (Whole volume issued 1872.)

Geological Survey of Canada. Alfred R. C. Selwyn, Director, Rep. Prog. 1866-69, (Review of). *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, No. 1, pp. 60-89. Montreal. (Whole volume issued 1872.)

On the Bearing of Devonian Botany on questions as to the Origin and Extinction of Species. *Amer. Journ. Sci.* Vol. 2, 1871. pp. 410-416. New Haven, Conn.

On Sigillaria, Calamites and Calamodendron. Noticed anonymously in *Amer. Journ. Sci.*, 3rd series, Vol. 11, 1871, pp. 147-148. New Haven.

Some New Facts in Fossil Botany. *Geol. Mag.*, Vol. 8, 1871, pp. 236-237. London, Eng.

On Some New Tree-Ferns and Other Fossils from the Devonian. *Quart. Journ. Geol. Soc.*, Vol. 27, 1871, pp. 269-274. *Phil. Mag.*, Vol. 42, 1871, pp. 231-232. London.

1872.

Note by Dr. Dawson on the Fossil Plants referred to in Mr. Richardson's Report. *Geol. Sur. Can., Rep. of Prog. for 1871-72.* Appendix 1, p. 98, Montreal.

The Story of Earth and Man. 12mo. 420 pp. Stodder & Houghton, London, Eng. Dawson Bros., Montreal.

Footprints of Sauropus unguifer. (Illustrated) *Geol. Mag.*, Dec. No. Vol. 9, pp. 251-252, 1872, London, Eng.

Address to the Natural History Society of Montreal, 19th May, 1871. *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, 1872, pp. 1-9. Montreal.

Annual Address of the President of the Natural History Society of Montreal, May, 1872. *Can. Nat. & Quart. Journ. Sci.*, new series, Vol. 7, No. 1, pp. 1-11. 1873. Montreal.

On the Physical Geography of Prince Edward Island. *Can. Nat. & Quart. Journ. Sci.*, Vol. 6; 1872, pp. 342-344. Montreal.

Notes on the Geology of Prince Edward Island, in the Gulf of St. Lawrence. *Geol. Mag.*, Vol. 9, 1872, pp. 203-209. London, Eng.

Note on Footprints from the Carboniferous of Nova Scotia in the collection of the Geological Survey of Canada. *Geol. Mag.*, Vol. 9, 1872, pp. 251-253. London, Eng.

Devonian and Lower Carboniferous Plants, (being a notice of Heer's "Fossil plants of Bear Island, Spitzbergen.") *Amer. Journ. Sci.*, 3rd series, Vol. 4, 1872, pp. 236-237. New Haven.

Fossil plants from Kamloops Lake, and Quesnel Mouth. (Palæontological notes by J. W. Dawson, in Selwyn's Report. *Geol. Sur. Can. Report of Progress, 1871-1872*, pp. 58-59. Montreal.

Ueber neue Baumfarne u. a. Fossilien aus dem Devon, Reviewed in *Neues Jahrbuch f. min. etc.*, pp. 109-110, 1872. Stuttgart.

The Post-pliocene Geology of Canada. *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, No. 1, pp. 19-42, (1871). Part 2, *ibid*, No. 2, pp. 166-187, (1872) part 2 (continued), *ibid*, No. 3, pp. 241-259 with plate facing p. 241, 1872. Montreal.

Issued as separate 8vo., 112 pp., 1872. Montreal, under following title:

Notes on the Post-Pliocene Geology of Canada with special reference to the conditions of accumulation of the deposits and marine life of the period. 8vo., 112 pp., 7 pls., Montreal.

Geological Survey of Canada, A. R. C. Selwyn, Director. (Review of the Report of Progress from 1866-1869.) *Can. Nat. & Geol.*, new series. Vol. 6, pp. 60-89, 1872. Dawson Bros., Montreal.

Fossil plants of the Middle and Upper Coal formations (from various localities.) Report of progress *Geol. Surv. Can.*, 1870-71, pp. 214-216. Issued 1872. Montreal.

1873.

Note on a New *Sigillaria*, showing scars of fructification. Proc. Amer. Assoc. Adv. Sci., Vol. 22, 1873, pt. 2, pp. 75-76.

On the Geological Relations of the Iron Ores of Nova Scotia. Proc. Amer. Assoc. Adv. Sci., Vol. 22, 1873, pt. 2, pp. 138-146. Ibid. Can. Nat. & Quart. Journ. Sci. No. 3. Vol. 7, 1873, pp. 129-138. Montreal.

Impressions and Footprints of Aquatic Animals and Imitative Markings on Carboniferous Rocks. Amer. Journ. Sci., Vol. 5, 1873, pp. 16-24. New Haven, Conn. Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 2, pp. 65-74. Illustrated. Montreal.

Note on the Relations of the Supposed Carboniferous Plants of Bear Island with the Palæozoic flora of North America. Quart. Journ. Geol. Soc., Vol. 29, 1873, pp. 24-25. London, Eng.

The Story of the Earth and Man. (Illustrated.) 403 pp., Toronto, Copp, Clark & Co.; Montreal, Dawson Bros., 1873.

Fossil Woods of British Columbia. Bot. Jahresber, 1, 1873, No. 32.

Note on the Vindication of *Leptophleum rhombicum*, and *Lepidodendron Gaspianum*. Quart. Journ. Geol. Soc., Vol. 29, 1873, pp. 369-371. London, Eng.

American Lake Basins and Arctic Currents. Geol. Mag., Vol. 10, pp. 137-138. 1873. London.

Fossil Plants of the Lower Carboniferous and Millstone Grit Formations of Canada. Geol. Sur. Can., 47 pp., 10 pl. Montreal.

On a *Sigillaria* Showing Marks of Fructification. Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 3, p. 171. (Note.)

Notes on Prototaxites. Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 3, pp. 173-178. Montreal.

Remarks on Mr. Carruthers' views of Prototaxites. Monthly Microsc. Journ., Vol. 10, 1873, pp. 66-71. (Published as a separate pamphlet, 7 pp., August, 1873.)

On the Introduction of Genera and Species in Geological Time. Quart. Journ. Sci., Vol. 3, new series, 1873, pp. 363-366. London, Eng.

Note on *Eozoon Canadense*. (1871). Proc. Irish Acad., Vol. 1, 1873-74, pp. 117-123, 129-131. Dublin, Ireland.

Notes on the Fossil Plants collected by Mr. J. Richardson in 1872. Geol. Survey, Canada, Rep. of Progress for 1872-73, (Appendix I to Mr. Richardson's Report, pp. 66-71. (Plate. 1873. Montreal.

Abstract of same. Amer. Journ. Sci., ser. 3, Vol. 7, pp. 47-51, 1874. New Haven, Conn.

A Manual of Palæontology, by H. A. Nicholson (Review), Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 2, pp. 123-124. 1873. Montreal.

1874.

Note on Fossil Woods from British Columbia, collected by Mr. Richardson. Amer. Journ. Sci., Vol. 7, pp. 47-51, 1874. New Haven, Conn.

On the Upper Coal Formation of Eastern Nova Scotia and Prince Edward Island in its relation to the Permian. Quart. Journ. Geol. Soc., Vol. 30, pp. 209-219. 1874. London. Abstracts. (1) Can. Nat. & Quart. Journ. Sci., N. S., Vol. 7, pp. 303-304. 1875. (2) Amer. Journ. Sci., 3rd ser., Vol. 8, p. 401. 1874. (3) Geol. Mag., Vol. 1, pp. 281-282. 1874.

Annual address delivered by the President before the Natural History Society of Montreal. Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 5, pp. 277-291. July 1874. Montreal.

*Eozoon Canadense*. Nature, Vol. 10, June 11, p. 102. 1874. London, Eng.

(Review of Dr. Dawson's paper on Silurian, Devonian, Carboniferous, and Permian plants from Canada.) Botanischer Jahresbericht. System. Geod. Reportorium der botanischen Liter, aller Länder, von Leopold-Just. Erster Jahrgang, (1873) pp. 426, 429, 430, 431, 435, 453. 1874. Berlin.



Note on a New *Sigillaria*, showing signs of fructification. Abstract, in Amer. Assoc. Adv. Sci., Proceedings, 22nd meeting Portland, 1873. pt. 2, pp. 75-76. 1874. Salem, Mass.

1875.

Geological Survey of Canada. Report of progress for 1873-74 (Review.) Can. Nat. & Quart. Journ. Sci., new series, 8vo, Vol. 7, pp. 415-421, 1875. Dawson Bros., Montreal.

Primitive Man. &c., Trans. Victoria Institute, Vol. 8, pp. 59-63, 1875. London, England.

Nature and the Bible. A course of lectures delivered in New York, in December, 1874, on the Norse foundation of the Union Theological Seminary. 257 pp. 1875. New York. Robert Carter & Bros.

Recollections of Sir Chas. Lyell. Being the annual presidential address of the Natural History Society of Montreal for 1875, delivered by Principal Dawson. 8 pp. (Issued as separate.)

The Dawn of Life. Being the History of the oldest known fossil remains and their relations to geological time and to the development of the Animal Kingdom. 239 pp. Dawson Bros., Montreal. Also published by Hodder & Stoughton, London, Eng. (1875), under title "Life's Dawn on Earth, etc.," 239 pp.

Origin and History of Life on our Planet. An address by Vice-President J. W. Dawson, before the Amer. Assoc. Adv. Sci. at Detroit, Mich., Aug. 1875. 26 pp. W. Drysdale & Co., Montreal, 1875. Amer. Nat., Vol. 9, pp. 529-552. 1875. Amer. Assoc. Adv. Sci., Proc., Vol. 24, part 2, pp. 3-26. 1875.

Address delivered before the Natural History Society of Montreal. May 18, 1874. Can. Nat. & Quart. Journ. Sci., Vol. 7, pp. 277-291. Montreal.

What do we know on the Origin and Life on our Planet? Vice-Presidential Address to the American Association, Natural History Section. Proc. Amer. Assoc. Adv. Sci., Vol. 24, pt. 2, pp. 3-26. 1875. Amer. Nat., Vol. 9, pp. 529-552,

On some new specimens of fossil Protozoa from Canada. Proc. Amer. Assoc. Adv. Sci., Vol. 24, pt. 2, pp. 100-105.

Carboniferous conifers of the United States. Amer. Journ. Sci., Vol. 10, pp. 301-302. New Haven, Conn.

Note on the Plants, collected by Mr. G. M. Dawson, from the Lignite Tertiary Deposits, near the forty-ninth parallel. Appendix A of "Report on the Geology and Resources of the Region in the vicinity of the forty-ninth parallel from the Lake of the Woods to the Rocky Mountains with lists of plants and animals collected, and notes on the fossils, by G. M. Dawson. pp. 327-331, Montreal, 1875.

1876.

On some new Fossil Protozoa from Canada. Proc. Amer. Assoc. Adv. Sci., Vol. 24, pt. 2, pp. 100-105. Mass.

New facts relating to Eozoon Canadense. Proc. Amer. Assoc. Adv. Sci., Vol. 25, pp. 231-234. Mass.

On the occurrence of Eozoon at Côte St. Pierre. Quart. Journ. Geol. Soc., Vol. 32, pp. 66-75. 4 woodcuts, Pl. 10, London, Eng.

Note on the Phosphates of the Laurentian and Cambrian Rocks of Canada. Quart. Journ. Geol. Soc., Vol. 32, pp. 282-285. 1876. London. Phil. Mag., Vol. 1, pp. 558-559. 1876. Can. Nat. & Quart. Journ. Sci., (new series), Vol. 8, pp. 162-170, 1878. Montreal.

Eozoon Canadense according to Hahn. Ann. & Mag. Nat. Hist., Vol. 17, pp. 29-38. 1876. London, Eng.

On Mr. Carter's Objections to Eozoon. (1875.) Ann. & Mag. Nat. Hist., Vol. 17, pp. 118-119. 1876. London, England.

Note on a specimen of Metadiabase from Connecticut Lake, supposed to be organic. *Amer. Journ. Sci.*, Vol. 12, p. 395. December, 1876. New Haven, Conn., U.S.A.

On a recent discovery of Carboniferous Batrachians in Nova Scotia. *Amer. Journ. Sci.*, Vol. 12, pp. 440-447, 1876. New Haven, Conn. Reprinted as separate pamphlet, pp. 1-8. New Haven.

Carboniferous Land Shells. *Nature*, Vol. 15, pp. 317. London, Eng.

Carboniferous Pulmonates. *Amer. Journ. Sci.*, 3rd series. Vol. 12, 1876. pp. 226-227, 1876. New Haven, Conn.

Remarks on a certain paper on Biblical interpretation and science. *Trans. Victoria Institute*. Vol. 9, pp. 173-175. 1876. London, Eng.

Fossil Agricultural Implements in America. *Trans. Victoria Institute*. Vol. 11, pp. 29-32, 1876. London, Eng.

## 1877.

Annual address to Natural History Society of Montreal; Pleistocene History. *Can. Nat. & Quart. Journ. Sci.* (new series), Vol. 8, No. 5, pp. 293-303. July, 1877. Montreal.

(Remarks on Geology of Belœil and vicinity.) *Can. Nat. & Quart. Journ. Sci.* (new series), Vol. 8, No. 5, pp. 286-288. July, Montreal.

Note on a Fossil Seal from the Leda Clay of the Ottawa Valley. (Read before the Natural History Society [Montreal], October 29th, 1877.) *Can. Nat. & Quart. Journ. Sci.*, (new series), Vol. 8, No. 5, pp. 340-341. 1877, Montreal. Pamphlet, 1 page, issued Oct., 1877. Montréal.

Lower Carboniferous Fishes of New Brunswick. *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, No. 6, pp. 337-340. Montreal. Published as separate, 4 pp. Montreal.

Fossil Agricultural Implements. A note on American Flint Hoes. By Principal Dawson. Separate 4 pp. (Read Feb. 5, 1877). (*Trans. Victoria Institute*.)

The Origin of the World, according to Revelation and Science. 438 pp. 1877. Dawson Bros. Montreal.

Plants from Quesnel (and) Plants from Blackwater. *Geol. Surv. Can. Report of Progress for 1875-1876*, pp. 259-260. In report of explorations in British Columbia by George M. Dawson. 1877. Montreal.

New Facts relating to Eozoon. *Amer. Assoc. Adv. Sci.*, pp. 231-234. Buffalo Meeting, 1876. (Printed at the Salem Press, Mass., 1877.) Philadelphia, Pa.

Notes on two Palæozoic Crustaceans from Nova Scotia and Anthrapalæmon (Palæocarabus) Hillianum, new sp. & Homalonotus Dawsoni, Hall.) *Geol. Mag.*, Dec. 2, Vol. 4, pp. 56-58. 1877. London.

Fossil Floras and Glacial Periods. *Nature*. Vol. 16., pp. 67-68. 1877. London.

The Earthquake of November 4, 1877. *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, No. 6, pp. 342-345, Dec. 1877. (Reprinted as separate, 4 pp. Montreal.) *Amer. Journ. Sci.*, Vol. 15, pp. 321-324, 1878. New Haven, Conn.

Grand'Eury on the Carboniferous Flora. (Being a review of Grand'Eury's *Flore Carbonifère du département de la Loire et du Centre de la France*.) Reviewed in *Amer. Journ. Sci.*, 3rd series. Vol. 13, pp. 222-226. 1877. New Haven, Conn.

Notes on a specimen of Diploxyton from the Coal formation of Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 33, pp. 836-842. 1877. London, Eng. *Ann. & Mag. Nat. Hist.*, Vol. 20, pp. 152-153. 1877. London, Eng. *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, pp. 249-250. 1878. Montreal.

The so-called "Conflict of science and religion." *Popular Science Monthly*. Vol. 10, pp. 72-74, 1877. Appleton & Co., New York.

1878.

Notes on some Scottish Devonian plants. (Read before the Edinburgh Geological society, Edinburgh, December 20, 1877. D. Milne Hume, president in the chair.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, No. 7, pp. 379-389, pl. 4, 1878. Montreal. (Issued as separate pamphlet, 10 pp. with one plate.)

(Bibliography of John William Dawson.) *Catalogue of Scientific papers (1864-73.)* Compiled and published by the Royal Society of London, Vol. 7, pp. 497-499. London, Eng. (50 titles with references.)

Evolution and the apparition of Animal Forms. *Princeton Review*. Vol. 1, pp. 662-675. New York.

Presidential Address, Natural History Society, Montreal, held May 12, 1878. Includes biographical sketches of Dr. Philip Pearsall Carpenter, Prof. Charles Frederick Hartt, and Dr. John Bell. *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, No. 8, pp. 445-450. 1878. Montreal.

Stromatopora as distinguished from Millepora. *Ann. & Mag. Nat. Hist.*, Vol. 2, pp. 28-30, 1878. London, Eng.

On the microscopic structure of Stromatoporidæ and on palæozoic fossils mineralized with silicates in illustration of Eozoon. *Quart. Journ. Geol. Soc.*, Vol. 35, pp. 48-66. pls. 3-5, 1878. London, Eng.

Supplement to the second edition of Acadian Geology, containing additional facts as to the geological structure, fossil remains, and mineral resources of Nova Scotia, New Brunswick, and Prince Edward Island. 102 pp. London. (Issued as separate paper.) Illustrated.

The present rights and duties of science. *Princeton Review*, Nov. 1878, pp. 674-696. Princeton, New Jersey. (Also printed separately.)

1879.

Genesis and migration of plants. *Princeton Review*, Vol. 3, pp. 277-294, 1879. New York. *Nature*, Vol. 20, pp. 257-258, 1879. London, Eng.

Points of contact between science and revelation. *Princeton Review*, Vol. 4, pp. 579-606. 1879. New York.

Moebius on Eozoon Canadense. *Amer. Journ. Sci. & Arts.*, Vol. 17, pp. 196-202, March, 1879. New Haven, Conn. *Can. Nat. & Quart. Journ. Sci.*, Vol. 9, No. 2, pp. 105-112. June, 1879. Montreal.

Semi-metamorphic fossiliferous rocks containing serpentine. *Amer. Journ. Sci. & Arts.*, Ser. 3. Vol. 17, pp. 327-328, 1879. New Haven, Conn.

List of Tertiary Plants from localities in the southern part of British Columbia, with description of a new species of Equisetum. *Geol. Surv. Can. Report of Progress, 1877-78.* pp. 186B-187B. 1879. (Dawson Bros.) Montreal.

Remarks on recent papers on the geology of Nova Scotia. *Can. Nat. & Quart. Journ. Sci.*, Vol. 9, pp. 1-16, February, 1879. Montreal. Also issued as separate pamphlet. 16 pp. Montreal. 1879.

The Quebec Group of Sir Wm. Logan, &c. Annual Address of the President before the Natural History Society of Montreal, for May 19th, 1879. *Can. Nat. and Quart. Journ. Sc.*, Vol. 9, No. 3, pp. 165-180. 1879. (Issued as separate 15 pp.)

A Canadian Pterygotus, (*Pterygotus Canadensis*). *Can. Nat. & Quart. Journ. Sci.*, Vol. 9, No. 2, pp. 103-105. June, 1879. Montreal. Also issued as separate pamphlet. Montreal. 1879.

Note on recent controversies respecting Eozoon Canadense. *Can. Nat. & Quart. Journ. Sci.*, Vol. 9, No. 4, pp. 228-240, 1879. Montreal. Published as separate pamphlet. 12 pp. Montreal.

1880.

Lecture notes on geology and outline of the geology of Canada for the use of students, with figures of characteristic fossils. 96 pp. Dawson Bros. 1880. Montreal.

Haeckel on the Evolution of Man. Princeton Review. Vol. 5, pp. 444-464, 1880, New York.

Fossil men and their modern representatives. An attempt to illustrate the characters and conditions of pre-historic man in Europe by those of the American Races. 348 pp. Dawson Bros. Montreal.

Future of McGill University. Annual University lecture session, 1880. 19 pp. Montreal. (Bound with Dr. J. W. Dawson's "On the course of Collegiate education," Peter Redpath Library, Montreal.)

Notes on the limestones from the gneiss formation of Brazil. Amer. Journ. Sci., Ser. 3, Vol. 19, p. 326. 1880. New Haven, Conn.

Notes on fossil plants collected by Dr. Selwyn in the lignite Tertiary formation of Roches Percées, Souris river, Manitoba. Geol. Surv. Can. Report of Progress, 1879-80, Appendix 2, pp. 51A-55A. See also Can. Nat. & Quart. Journ. Sci., Vol. 9, No. 7, pp. 447-448, 1880. Montreal.

The chain of life in geological time. A sketch of the origin and succession of animals and plants, pp. 16 and 272, pp. 192 figures in the text and several landscapes. 8vo. London, 1880.

Revision of the land snails of the palæozoic era, with descriptions of new species. Amer. Journ. Sci. & Art., Vol. 20, pp. 403-415. Nov. 1880, New Haven, Conn.

New facts respecting the geological relations and fossil remains of the Silurian iron ores of Pictou, Nova Scotia. Read before the Nat. Hist. Soc., Montreal, April 5, 1880. Can. Nat. & Quart. Journ. Sci., Vol. 9, No. 6, pp. 332-344. Montreal. Abstract in Amer. Journ. Sci., 3rd series. Vol. 20, p. 241, 1880. New Haven. Published as separate pamphlet; 15 pp., April, 1880. Montreal.

Note on the geological relations of the fossil insects from the Devonian of New Brunswick. Boston Soc. Nat. Hist., Ann. Memoirs, pp. 31-41. (Included in "The Devonian insects of New Brunswick" by S.H. Scudder.) 1880. Boston.

1881.

Palæontological Notes: 1. A new species of *Piloceras*. 2. *Saccamina*? (*Calcisphæra*) *Eriana*. (An Erian rhizopod of uncertain affinities. 3. New Devonian plants from the Bay de Chaleur. Can. Nat. & Quart. Journ. Sci., Vol. 10, pp. 1-11, April, 1881. Montreal.

Notes on the new Erian (Devonian) plants. (1880.) Quart. Jour. Geol. Soc., Vol. 37, pp. 299-308. 2 pl. (12-13). London, Eng. Noticed by Steinmann in Bot. Centr. Bd. 8. pp. 171-172. (Abstract). Amer. Journ. Sci., 3rd series, Vol. 22, p. 233, 1881. (Abstract). Can. Nat. & Quart. Journ. Sci., Vol. 9, No. 8, pp. 475-476. March 17, 1891, Montreal.

Revision of the land snails of the Palæozoic era with descriptions of new species. Can. Nat. & Quart. Journ. Sci., Vol. 9, No. 8, pp. 449-463. March 1881. Montreal.

Continental and Island Life: (their present state and past history.) A review of Wallace, with reference to the bearing of geological facts and theories of evolution on the distribution of life. Princeton Review. Vol. 8, pp. 1-29. July, 1881. New York.

Note on specimens of Ptilophyton and associated fossils collected by Dr. H. S. Williams, in the Chemung shales of Ithaca, New York. (Abstract). Proc. Amer. Assoc. Adv. Sci., 30th meeting, Cincinnati, Vol. 30, p. 204, 1881. (Whole volume issued in 1882.)

Genesis and Modern Thought. Kansas City Review, 8vo. Vol. 4, pp. 170-175, 1881. Kansas City, Mo.

The Antiquity of Man and the origin of Species. Kansas City Review. 8vo., Vol. 4, pp. 530-536, 595-600, 1881. Kansas City, Mo.

The Future of McGill University. Annual University Lecture. Session 1880-1881. 19 pp., 1881. Montreal.

Geological features of Bible Lands. Kansas City Review, 8vo., Vol. 4, pp. 672-674. 1881, Kansas City, Mo.

The Oldest Known Insects. Nature. Vol. 24, pp. 483-484. 1881. London, Eng.

Note on Cretaceous fossil plants from the Peace River country. Geol. & Nat. Hist. Surv. Can., Report of progress for 1879-80. pp. 120B-122B, included in G. M. Dawson's Report on the exploration of the Northern part of British Columbia.

Note on Spirorbis contained in an ironstone nodule from Mazon Creek, with Millipede. Proc. Boston Soc. Hist. Vol. 21, pp. 157-158. March 2, 1881, Boston.

Note (by Dr. J. W. Dawson) on the structure of a specimen of Uphan-tænia, from the collection of the American museum of Natural History, New York City. Bull. Amer. Mus. Nat. Hist., No. 1, pp. 12-13, 1881, New York. Amer. Journ. Sci., Vol. 22, pp. 132-133, August, 1881, New Haven, Conn.

Note on a fern associated with Platephemera antiqua, Scudder. (Pecopteris serrulata, Hartt.) Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 2, pp. 102-104, December, 1881. Montreal.

Note on the geology of the Peace River region. Amer. Journ. Sci., Ser. 3, Vol. 21, pp. 391-394, 1881, New Haven, Conn.

Additional observations on the superficial geology of British Columbia and adjacent regions. Quart. Journ. Geol. Soc., Vol. 37, pp. 272-285, 1881. London, Eng. (Abstract). Phil. Mag. new series, Vol. 11, pp. 539-540, Edinburgh. Amer. Journ. Sci., ser. 3, Vol. 22, pp. 75-77. 1881. New Haven, Conn.

A fossil phyllopod Crustacean from the Quaternary Clays of Canada, in "General Notes," pp. 496-497. American Naturalist, June, 1881. Philadelphia.

## 1882.

On the result of recent explorations of erect trees containing reptilian remains in the coal formation of Nova Scotia. Roy. Soc. Proc., Vol. 33, No. 218, pp. 254-256, Jan. 1882, London, Eng. Issued as separate. pp. 1-3. Also in Can., Rec. Sc., Vol. 1, No. 4, pp. 252-254, June, 1882, Montreal.

Notes on Prototaxites and Pachytheca discovered by Dr. Hicks in the Denbighshire grits of Corwan, N. Wales. (1881). Quart. Journ. Geol., Soc., Vol. 38, pp. 102-107. 1882. London.

Recent discoveries in the Erian (Devonian) floras of the United States. Amer. Journ. Sci., Vol. 24, pp. 338-345. 1882. New Haven, Conn.

Facts and Fancies in Modern Science. 238 pp. American Baptist Publication Society, Philadelphia, Pa., 1882.

Comparative view of the successive Palæozoic floras of Canada. Proc. Amer. Assoc. Adv. Sci., Vol. 31, pp. 415-416, Aug. 1882. (Issued as separate.) Montreal.

Notes on Prototaxites and Pachytheca from the Denbighshire grits of Corween, North Wales. Geol. Mag., new series, Vol. 9, pp. 40-41, 1882, London.

Recent history of McGill University. Being the Annual University Lecture, 1882-1883. Montreal. 1882, 19 pp.

Communication on a paper by Dr. Southall on "Pliocene man." Trans. Victoria Institute, Vol. 15, pp. 205-208, 1882. London.

Report on the Peter Redpath Museum of McGill University. Prepared by Principal Dawson for the first meeting of the Museum Committee, March 11th, 1882. Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 3, pp. 185-190, April, 1882. Montreal.

[Opening address of the President.] Proc. of the Royal Society of Canada, and Trans. Roy. Soc. Can., Vol. 1, pp. VI-XI, advance copies published 1882. Montreal.

The fossil plants of the Erian (Devonian) and Silurian formations of Canada. Geol. Sur. Can., Pt. 2, pp. 91-142. Montreal.

Notice of a Memoir on Glaciers and Icebergs in relation to climate by Dr. A. J. Von Wickoff in Proc. of the geologist society of Berlin, 1881. Review of. Can. Nat. & Quart. Journ. Science, Vol. 10, No. 3, pp. 181-184. Montreal. Issued as separate pamphlet, pp. 1-4.

The successive palæozoic floras of Canada. (Read before the Amer. Assoc. Adv. Sci. Montreal meeting, August, 1882.) Can. Nat. & Quart. Journ. Sci., N. S., Vol. 10, No 6, pp. 372-378. November, 1882. Montreal.

Evolution in education. Princeton Review, Vol. 9, pp. 233-248, 1882. Princeton, New Jersey.

## 1883.

On two Palæozoic Rhizocarps *Sporangites Braziliensis* and *S. bilobata*, a *Protosalvinia*. Paper read at a Minneapolis meeting Amer. Assoc. Adv. Sci., 1883, Amer. Nat., Vol. 17, p. 1168, Nov. 1883.

(The presidential address. Roy. Soc. Can. Proc. & Trans., Vol. 1, proceedings, pp. LII-LVII. 1883. Montreal.

On the Cretaceous and Tertiary flora of British Columbia and the North-west territory. Trans. Roy. Soc. Can. Sect. 4, Vol. 1, pp. 15-34, 1883. Montreal.

The Quebec group. Appendix A (Life of Sir William E. Logan, Kt., by B. J. Harrington, B. A., Ph. D.), pp. 403-418. Dawson Bros. Montreal.

Canadian Pleistocene. Geol. Mag., Dec. 2, Vol. 10, No. 3, pp. 111-113; 1883, Dawson Bros., Montreal.

Annual Report of the McGill University, Montreal, for the year 1882. (Printed by permission of His Excellency the Governor-General, Visitor of the University.) 7 pp. (Signed by J. W. D., as Vice-Chancellor.)

On portions of the skeleton of a whale from gravel on the line of the Canadian Pacific railway, near Smith's Falls, Ontario. Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 7, pp. 385-387, March, 1883. Montreal. Amer. Journ. Sci., Vol. 25, pp. 200-202, 1883, New Haven, Conn.

Preliminary notice of new fossils from the Lower Carboniferous limestones of Nova Scotia and Newfoundland. Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 7, pp. 411-416, March, 1883, Montreal.

Notice of Graptolites of the Quebec Group, collected by Mr. James Richardson for the Peter Redpath Museum. Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 8, pp. 461-463. July, 1883. Montreal.

On the geological relation and mode of preservation of *Eozoon Canadense*. Brit. Assoc. Report, 1883, p. 494, London.

Comparative view of the successive Palæozoic floras of Canada. (1882). Amer. Assoc. Adv. Sci., Proceedings, Minneapolis meeting, 29 pp. 1-29, 1883. Salem Press, Mass.

On Some Unsolved Problems in Geology. Nature, Vol. 28, pp. 449-455. 1883. London, Eng.

Impressions on Potsdam Sandstone. Science, Vol. 1, p. 177. 1883. New York.

Appendix to report on the Peter Redpath Museum of McGill University. No. 11, January, 1883, 22 pp. Montreal. (6 pp. prel. matter.) 1. On portions of the skeleton of a whale from gravel on the line of the Canadian Pacific railway near Smith's Falls, Ontario, pp. 7-9. 2. Preliminary notice of new fossils from the Lower Carboniferous limestone of Nova Scotia and Newfoundland, pp. 10-15. 3. Graptolites of the Quebec group, pp. 15-17. 4. Notice of collections. Logan memorial collection, pp. 18-20. January, 1883. Montreal.

The successive palæozoic floras of Canada. Comparative view of the successive palæozoic floras of Canada. Proc. Amer. Assoc. Adv. Sc., Vol. 31, pp. 415-416. 1883. Salem, Mass.

Sec. IV., 1901. 3.

(Opening address of the president.) Royal Society of Canada Proceedings and Transactions. Vol. 1, pp. 6-11, published 1883. Montreal.

Some unsolved problems in geology. I. Popular Science Monthly, New York, D. Appleton & Co., 8vo., Vol. 23, pp. 827-837, 1883. Parts 1 and 2 also issued as separate from above, p. 827-837.

1884.

Notes on the geology of Egypt. Geol. Mag. (3), Vol. 1, pp. 385-388, 1884. Reviewed by Curich in Neues Jahrbuch f. Min. etc., 1888, Vol. 2, Heft 1, pp. 89-90.

Notes on the geology of the Nile Valley. (Note on the geology of Egypt). Geol. Mag., London, Trübner & Co., 8vo., new series. Dec. 3, Vol. 1, 1884, pp. 289-292; 385-393; 439-442; 481-484. Issued also as separate.

Notes on pre-historic man in Egypt and the Lebanon. (Author's copy.) Read and distributed May 6, 1884, before Victoria Institute, London, Eng. 15 pp., 2 pls.

Observations on the geology of the line of the Canadian Pacific railway. Quart. Journ. Geol. Soc., London, Vol. 40, pp. 376-388, August, 1884, London, Eng. (Read April 23, 1884).

Address on some unsolved problems in geology. Amer. Assoc. Adv. Sci. Proc. 32nd meeting, Minneapolis, 1883. Separate, issued pp. 1-27, August, 1883. Salem. Whole volume issued 1884.

Notes on pre-historic man in Egypt and the Lebanon. (Read before meeting of Victoria Institute, May 6, 1884.) London, E. Stanford, 55 Charing Cross. Edinburgh, R. Grant & Son. Dublin, G. Herbert. Paris, Galigon & Co., 8vo., 1 pt. 15 pp. 3 pls. Discussion on same subject, pp. 9-12, Victoria Inst. Trans.

Notes on the geology of the Nile Valley. Geol. Mag., new series, Dec. 3, Vol. 1, pp. 289-292, July, 1884. London, Eng.

Notes on the Geology of Egypt. Geol. Mag., new series, Dec. 3, Vol. 1, pp. 385-393 439-442; 481-484; and p. 576, London, 1884.

On the more ancient land floras of the old and new worlds. Geol. Mag., new series Dec. 3, Vol. 1, pp. 469-470, Oct., 1884, London, Eng. Also abstract, Brit. Assoc. Adv. Sc., Report, Montreal meeting, 1884, pp. 238-239. Spottiswoode & Co., 1884. London, Eng.

Comparisons of the icebergs of Belle Isle with the glaciers of Mont Blanc, with reference to the boulder clay of Canada, pp. 1-14, Edinburgh.

On Rhizocarps in the Palæozoic period. Abstract. 1883 meeting. Amer. Assoc. Sci. Proceedings. Vol. 32, pp. 260-264. 1884. Salem. Published as separate pamphlet, 8 pp. proof copy distributed at meeting.

Remarks on Sir G. Stoke's paper on the absence of opposition between science and revelation. Trans. Victoria Institute. Vol. 17, pp. 219-220. London, 1884.

Report on the Higher Education of Women. (Presented to the Corporation of McGill University, Oct., 1884.) 14 pp., Montreal, 1884.

The higher Education of Women in connection with McGill University. Pamphlet, 12 pp. Dec., 1884. Montreal. (Reprinted from Gazette.)

Annual University Lecture, Session 1884-85, 8 pp. (Gazette, Nov. 8, 1884, Montreal.)

Man in Nature. Princeton Review. Vol. 4 pp. 219-232. New York, 1885.

Report on the Peter Redpath Museum of McGill University, No. 3, January, 1884.

The late J. GWYN JEFFREYS, M.D., F.R.S. Can. Rec. Sci, Vol. 1, No. 2, pp. 121-122, 1884, Montreal.

1885.

On the Mesozoic floras of the Rocky Mountain region of Canada. *Trans. Roy. Soc. Can.*, Vol. 3, Sect. IV, pp. 1-22, 1885. Montreal. (Whole volume issued 1886.)

Ancient Insects and Scorpions. *Can. Rec. Sci.*, Vol. 1, No. 4, pp. 207-208, 1885, Montreal.

Mesozoic floras, Rocky Mountain region of Canada. (Abstract of a paper read before the Royal Society of Canada, May, 1885.) *Can. Rec. Sci.*, Vol. 1, No. 3, pp. 141-143, 1888, Montreal.

Canadian and Scottish Geology. (An address delivered May 26th, 1884, before the Edinburgh Geological Society at the close of the session, 1883-4.) *Trans. Edinb. Geol. Soc.*, Vol. 5, pp. 112-122, 1885, Edinburgh. Reprinted as separate, 11 pp. (pp. 1-11.)

Egypt and Syria, their physical features in relation to Bible History. (By-paths of Bible Knowledge series.) No. 6, 192 pp. Publishers, The Religious Tract Society, London, Eng. (Printed in Oxford, 1885.)

Notes on pre-historic man in Egypt and the Lebanon. *Trans. Victoria Institute*, Vol. 18, pp. 287-313, 1885, London.

A modern type of plant in the Cretaceous. *Science*. Vol. 5, (June 26, 1885), pp. 531-532.

Notes on the Geology and Fossil Floras of Prince Edward Island. By J. W. D. and Francis Bain. Communicated to the Royal Society of Canada at its meeting in Ottawa, May, 1885. *Can. Rec. Sci.* Vol. 1, No. 3, July, 1885, pp. 154-161. (J. W. D., pp. 156-161.) (Illustrated.) (Issued as separate, Montreal.)

The Chain of Life in Geological Time. A sketch of the succession of animals and plants. (Illustrated.) 2nd revised edition, 1885, London. 3rd and revised edition, with numerous illustrations, 1888. London.

Appendix to *Modern Science in Bible Lands*, with map. pp. 537-599. *Special Notes on the Geology of Egypt and Palestine*. (Hodder & Stoughton, London, Eng.) 1885?

The Cretaceous Floras of Canada. *Nature*, Nov. 12, 1885, pp. 32-34. (From advance sheets of *Trans. Roy. Soc. Can.*)

Guide to Visitors to the Peter Redpath Museum of McGill University. 14 pp., 1885. Montreal.

On some relations of geological work in Canada and the Old World. *Trans. Roy. Soc. Can.*, Vol. 2, Sect. 4, Art. 1, pp. 1-5. (Read May 27th, 1884.) Montreal.

1886.

The origin of the world, according to revelation and science. 4th edition with corrections and additions. Hodder & Stoughton, 27 Paternoster Row, 1886, 8vo. 439 pp. 2 pls. London.

On Rhizocarps in the Erian (Devonian) Period in America. *Bull. Chicago Acad. of Sci.*, Vol. 1, No. 9, 13 pp., 1 pl., 8vo., pp. 105-118. Reviewed by Weiss in *N. Jahrb. f. Min.*, etc., 1888, Vol. 1, Heft 3, p. 478.

On Canadian examples of supposed fossil algæ. *Geol. Mag.*, new series, Dec. 3, Vol. 3, pp. 503-504, 1886. Also ref. 56th meeting *Brit. Assoc. Adv. Sci.*, 1, pp. 551-553, 1887. London.

On the fossil floras of the Laramie series of Western Canada, *Amer. Nat.*, Vol. 20, pp. 157-158, Feb., 1886. (Philadelphia, July, 1886.) *Amer. Journ. Sci.*, 3rd series, Vol. 32 1886, pp. 242-243. New Haven, Conn.

Notes on the Geological Relations of Rocks from Assouan and its neighbourhood. *Geol. Mag.*, March, 1886. Dec. 3, Vol. 3, No. 3, pp. 101-103 March, 1886. Montreal.



Notes on Pleistocene Fossils from Anticosti. *Can. Rec. Sci.*, Vol. 2, No. 1, pp. 44-48. Jan., 1886, Montreal. (Issued as separate.) By J. D. W. & Lt.-Col. C. C. Grant.)

Address of the president, Sir William Dawson, at the Association of Protestant Teachers of the Province of Quebec, Montreal Meeting, 1886. 12 pp. 1886. Montreal.

The Geological History of the North Atlantic, *British Assoc. Adv. Sci.*, Birmingham meeting, Sept., 1886. 50 pp., 8vo., Montreal, 1886, separate.

The Fossil Plants of the Erian (Devonian) and Upper Silurian formations of Canada. Pt. 2, 1882 Montreal. Reviewed by Weiss in *Neues Jahrbuch f. Min. &c.*, 1886, Vol. 1, Heft. 1. pp. 131-133.

Handbook of Zoology, with examples from Canadian species, recent and fossil. By Sir J. William Dawson. 3rd edition, revised and enlarged. Montreal, Dawson Bros., 1886. 304 pp. & 19 plates.

Notes on Boulder Drift and Sea Margins at Little Metis, Lower St. Lawrence. *Can. Rec. Sci.*, Vol. 2, No. 1, pp. 36-38, 1886. Montreal.

"Presidential Address before the British Association for the Advancement of Science, Sept., 1886." *Can. Rec. Sci.*, Vol. 2, No. 4, pp. 201-208; Vol. 2, No. 5 (concluded), pp. 265-285, 1886, Montreal.

"Recent Discussions of the first chapter of Genesis." The Expositor, 3rd series, No. 16, pp. 284-301, April, 1886. London, Eng., Hodder and Stoughton.

Cretaceous Floras of the North West. *Can. Rec. Sci.*, Vol. 2, No. 1, pp. 1-9, 1886, Montreal. (Summary of paper.)

Cretaceous of Northwestern Canada. *Amer. Journ. Sc.*, 3rd series, Vol. 31, p. 155. Feb., 1886. New Haven, Conn.

## 1887.

The university in relation to professional education; being the annual university lecture. 1887-8. 12 pp., 1887, Montreal.

Relation of McGill University to legal education. Letter to Montreal Gazette. April 19, 1887. 4 pp. Montreal. (Issued in pamphlet form.)

The Story of the Earth and Man. 9th edition, 8vo, pp. xii + 411. 1887, London. (General work with numerous illustrations.)

Fossil wood from the Western Territories of Canada. *Nature*, Vol. 36, No. 925, pp. 274-275. 1887, London. *Can. Rec. Sci.*, Vol. 2, No. 8, pp. 499-502, 1887, Montreal.

Address of President. *Brit. Assoc. Adv. Sci.*, 56th meeting, Birmingham, 1886, pp. 1-36, London.

Presidential Address: Some points in which American Geological Science is indebted to Canada. *Trans. Roy. Soc. Can.*, Vol. 4, Sect. 4, pp. 1-8. (Read May 26th, 1886.) 1887. Montreal.

On the fossils of the Laramie formation of Canada. *Trans. Roy. Soc. Can.*, Vol. 4, Sect. 4, pp. 19-34. (Read May 27th, 1886.) Whole volume issued Montreal, 1887.

Gold, Bedolah and Shoham Stone. A geographical and mineralogical study of Genesis 2, vv. 10-14. The Expositor, No. 27, 201-215, March, 1887.

## 1888.

Note on new facts relating to *Eozoon Canadense*. *Geol. Mag.*, Dec. 3. Vol. 5, No. 2, pp. 49-54, Feb., 1888. Plate VI. London, Eng.

The Constitution of McGill University. Being the annual university lecture of the session 1888-1889. 11 pp. Rep. from Gazette, Montreal, Nov. 16, 1888.

On the Correlation of the geological structure of the Maritime Provinces of Canada with that of Western Europe. Abstract. Ex. Can. Rec. Sci., Vol. 2, No. 7, July, 1887, pp. 404-406. Montreal.

Preliminary note on new species of sponges from the Quebec Group at Little Metis. Can. Rec. Sci., Vol. 3, No. 2, pp. 49-59, 1888. One plate. Montreal.

Peter Redpath Museum, McGill University, Montreal, Notes on Specimens, April, 1888, pp. 49-59 (by J. W. D.)

On specimens of Eozoon Canadense and their geological and other relations. Peter Redpath Museum, McGill University, Montreal. Notes on Specimens, 1888 (106 pages, plus 1, illustrated.)

The Geological History of Plants. International Scientific Series, Vol. 61 (with illustrations), 294 pp. Appleton & Co., 1888, New York. (Note to Chap. 2 on Prototaxites by Prof. Penhallow, pp. 42-44. Many woodcuts, some n. sp.) Reviewed by F. H. Knowlton in (1.) Public Opinion, Vol. 4, No. 47, pp. 514-515. (2.) Bot. Gazette, Vol. 13, No. 6, June, 1888, pp. 167-168. Also reviewed in (3.) Appleton's Literary Bull., N. Y. City, July, 1888, pp. 17-18. (4.) Science, Vol. 11, No. 273, April, 1888, p. 203. New York City.

Review of the Geological History of Plants by Sir J. William Dawson. (The Bot. Gazette, Vol. 13, No. 6); (Hanover N. W. Bot. Gazette, 1888), 8vo. pp. 167-168.

On the Mesozoic floras of the Rocky Mountain Region of Canada. Review in Neues Jahrbuch, f. Min. Geol. Pal., 1888, Vol. 1, Heft. 3, p. 480.

Remarks on a paper on Caves, by Prof. Hughes, F. R. S. Trans. Victoria Institute, Vol. 21, pp. 97-98, 1888, London.

Remarks on a paper on Evolution. Trans. Victoria Institute, Vol. 21, p. 299, 1888, London.

Note on fossil wood and other plant remains from the Cretaceous and Laramie formations of the Western formations of Canada. Trans. Roy. Soc. Can., Vol. 5, Sect. 4, Art. 3, pp. 31-37, 1888, Montreal.

(On the use of the term "Taconic") International Congress of Geology, American committee reports B. p. 17, 1888. Also American Geologist, Vol. 2, p. 207, 1888, Minneapolis.

(On nomenclature, sub-divisions, characteristics, evidences of life, origin of some members of the Archean, origin of serpentines, classification of Archean eruptives, and nomenclature of Lower Palæozoic.) Intern. Congr. Geol. Amer. Com. Reports, 1888, 1. p. 71, 1888.

On the Eozoic and Palæozoic rocks of the Atlantic coast of Canada, in comparison with those of Western Europe, and the interior of America. Quart. Journ. Geol. Soc., Vol. 44, pp. 797-817, 1888, London. Also in Proc. Geol. Soc., London, for May 23rd, 1888, with discussion. Abstracts. Geol. Mag., Dec. 3, Vol. 5, pp. 331-332, 1888, London. Can. Rec. Sci., Vol. 3, No. 3, pp. 182-183, Vol. 4, No. 4, 230-231 (being duplicate of abstract on page 182-183, without discussion), 1888, Montreal. Nature, Vol. 38, p. 142, London. Popular Science Monthly, Vol. 36, p. 267, 1889.

Modern Science in Bible Lands. With maps and illustrations. 606 pp. Dawson Bros., 1888, Montreal. Hodder & Stoughton, London.

The historical deluge in its relation to scientific discovery and to present day questions, with appendix. Present Day tracts. 56 pp. The Religious Tract Society, London, Eng. No. 76, 1888.

The Earliest plants. (From geological history of plants.) Popular Science Monthly, Vol. 32, No. 6, April, 1888, pp. 787-795. 6 woodcuts.

Cretaceous floras of the Northwest Territories of Canada. Amer. Nat., Vol. 22, pp. 953-959, 1888. Read before Roy. Soc. Can., May, 1888.

Sponges from Little Metis, Province of Quebec, Canada. Can. Rec. Sc., Vol. 3, pp. 49-59, Montreal. (By J. W. Dawson and G. J. Hinde.)

New species of fossil sponges from Little Metis, Province of Quebec, Canada. (Bulletin Peter Redpath Museum of McGill University, 1888. Montreal.) (J. W. Dawson and G. J. Hinde.)

1889.

Modern Science in Bible Lands, with maps and illustrations. New York, Harper Bros. 1889, 12mo, Vol. 15, 606 pp. 11 including 12 pls. 1 map.

Ueber Einige devonische Pflanzen. (Z. D. G. G. Forme 41, pp. 553-664.)

Thoughts on Hospital Site. Letters to the Montreal Gazette, by an On-looker. 16 pp., 1889, Montreal.

Educated Women, an address before the Delta Sigma Society of McGill University, 14 pp. 1889, Montreal. (Bound with paper On the Course of Collegiate Education, 1885, in Peter Redpath Library.)

Note on Fossil Wood and other Plant Remains from the Cretaceous and Laramie formations of the western Territories of Canada. Reviewed in Amer. Geol. Vol. 1, No. 3, March, 1888, pp. 195-197. Reviewed by Knowlton in Bot. Gazette, Vol. 13, No. 6, 1888, p. 66.

Discipline in American Colleges. North American Review. July, 1889, pp. 22-26.

Genesis and some of its critics. The Contemporary Review. June, 1889, pp. 900-909.

A new Erian (Devonian) Plant allied to Cordaites. Amer. Journ. Sci., Vol. 38, July 1889. (Issued as separate 3 pp.)

Inauguration of Sir Donald A. Smith, K.C.M.G., LL.D., as Chancellor, and Annual Address by the Principal. pp. 13-21. Montreal. 1889.

Note on *Balanus Hameri* in the Pleistocene of Rivière Beaudette, and on the occurrence of peculiar varieties of the *Mya arenaria* and *M. truncata* in the modern sea, and in the Pleistocene. Can. Rec. Sci., Vol. 3, No. 5, pp. 287-292. 1889. Montreal.

On fossil sponges from beds of the Quebec Group of Sir Wm. Logan at Little Metis. Can. Rec. Sc., Vol. 3, No. 7, p. 429-430. 1889. Montreal. Reviewed in Ottawa Naturalist, Vol. 3, 1889. (Ami.) Ottawa.

Handbook of Geology for the use of Canadian Students. 250 pp. Dawson Bros., Montreal.

Saccamina Eriana (Communicated). Amer. Journ. Sci., Vol. 37, p. 318. April, 1889, New Haven, Conn.

Introductory Notes. (On Nematophyton and allied forms from the Devonian (Erian) of Gaspé and Baie de Chaleur by D. P. Penhallow.) Trans. Roy. Soc. Can., Vol. 6, Sect. 4, Art. 3, pp. 27-36, pl. 1 & 2. (Read May 25th, 1888.) Whole volume issued 1889. Montreal.

On Cretaceous Plants from Port McNeill, Vancouver Island (By J. W. D. and Dr. G. M. Dawson.) Trans. Roy. Soc. Can., Vol. 6, Sect. 4, pp. 71-72. Montreal (Abstract of same by J. W. Dawson in Can. Rec. Sci., Vol. 3, No. 3, p. 167. 1888. Montreal.)

Fossil Rhizocarps. Nature, Vol. XLI, p. 10, Nov. 7, 1889.

Determinations of Fossil Plants from Rink Rapids, Lewis Valley, Yukon district, collected by Dr. G. M. Dawson in 1887. (Note.) Geol. and Nat. Hist. Sur. Can. (Annual Report), Vol. 3, Pt. 1, pp. 146B, 147B, 149B. Montreal.

Supplementary note to a paper on the Rocks of the Atlantic Coast of Canada. Quart. Journ. Geol. Soc., Vol. 45, Pt. 3, No. 179, p. 80. August, 1889. London.

1890.

Nature as an Educator. Annual Presidential Address before the Nat. Hist. Soc. of Montreal. The Canadian Record of Sci., July, 1850, Montreal, 8vo. pp. 171-182. Montreal. (Reprinted as separate.)

Memoranda prepared for the information of the Board of Governors, Dec. 3, 1880, 8 pp. Montreal, 1890. (Bound with Dawson's On the Course of Collegiate Education, 1885, in Peter Redpath Library.)

On certain Devonian Plants from Scotland. *Nature*, Vol. 41, No. 23, p. 537, April 10, 1890, London. Reprinted as separate. 4 pp. under name "On the Plants of the Lower Devonian of Perthshire." Review of same in *Amer. Geol.*, Vol. 6, No. 1, p. 56, July, 1890. Minneapolis, Minn.

Note on the geological relations of the fossil plants from the Devonian of New Brunswick. In Scudder's Monograph: "The Fossil Insects of North America," with notes of some European species. pp. 186-193. 1890.

On certain remarkable new fossil plants from the Erian and Carboniferous and on the characters and affinities of Palæozoic gymnosperms. *Abstract Proc. Amer. Assoc. Adv. Sci.*, 38th (Toronto) meeting, 1889, published 1890.

On burrows and tracks of Invertebrate animals in Palæozoic rocks and other markings. *Quart. Journ. Geol. Soc.*, Vol. 46. pp. 595-617. Discussion on same, p. 618. 1890. London, Eng. Reviewed by Pamer in *Amer. Journ. Sci.* (3), Vol. 41, pp. 245-246. 1891. Abstract in *Can. Rec. Sc.*, Vol. 4, No. 4, pp. 234-235, 1890, Montreal. (Abstract) *Geol. Mag.*, No. 312, pp. 286-287, June, 1890, London, Eng.

On new plants from the Erian and Carboniferous and on the characters and affinities of Palæozoic Gymnosperms. Peter Redpath Museum McGill University, Montreal, Note on specimens, 1890, 28 pp. Reprinted from *Can. Rec. Sci.*, Vol. 4, No. 1, Jan., 1890, pp. 1-28. Montreal.

On fossil plants collected by Mr. R. G. McConnell, on Mackenzie River and by Mr. T. C. Weston, on Bow River. *Trans. Roy. Soc. Can.*, Vol. 7, Sect. 4, Art. V., pp. 69-74, pls. 10-11. 1890, Montreal.

Paper by Sir William Dawson on plants collected by R. G. McConnell on Mackenzie River. *Trans. Roy. Soc. Can.*, vol. VII. Reviewed by L. F. Ward in *Am. Jour. Sci.* (3), 39 Vol., p. 406, (Excerpt) 1890.

Note on a Fossil Fish and Marine Worm, found in the Pleistocene nodules of Green's Creek on the Ottawa. *Canadian Rec. Sci.*, Vol. 4, No. 2, pp. 86-88. N. H. S. Montreal. April, 1890.

The Quebec Group of Logan. *Canadian Rec. Sc.*, Vol. 4, No. 3, pp. 133-134. July, 1890; N. H. S. Montreal. (Issued as separate.)

On new species of fossil Sponges from the Silurian-Cambrian at Little Metis, on the lower St. Lawrence. (Including notes on specimens by Dr. G. J. Hinde, F.G.S.) *Trans. Roy. Soc. Can.*, Vol. 7, Sect. 4, pp. 31-55. 1890. Montreal.

On the Pleistocene Flora of Canada 1. Geology of the Deposits (Dawson). 2. Note on the Pleistocene plants (Penhallow). *Bull. Geol. Soc. Amer.*, Vol. 1, pp. 311-334. 1890. Rochester, N.Y. (Conjointly with Prof. D. P. Penhallow.)

Modern Ideas in Evolution as related to Revelation and Science. 244 pp. Religious Tract Society. London, Eng.

1891.

Note on *Hylonomus Lyelli*. With photographic reproduction of skeleton. Plate 8. *Geol. Mag.*, Dec. 3, Vol. 8, No. 324, pp. 258-259. June 1891, pl. 8, London, Eng.

On new specimens of *Dendroperon Acadianum*, with remarks on other Carboniferous amphibians. *Geol. Mag.*, Dec. 3, Vol. 8, No. 324, pp. 145-156. Illustrated. London. (Issued as separate, April, 1891.)

Note on specimens of fossil wood from the Erian (Devonian) of New York and Kentucky. (By J. W. D. and Prof. D. P. Penhallow.) *Can. Rec. Sci.*, Vol. 4, Jan., 1891, pp. 242-247. Pl. 1, figs. 1-4. Montreal.

Note on a Shark and Ray obtained at Little Metis in the Lower St. Lawrence. Plate 4. *Ex. Can. Rec. Sci.*, April, 1891. pp. 303-309. Montreal.

The Canadian Student. Annual University Lecture, McGill University Lecture, Session 1891-92. 8 pp. Montreal.

Nature and Revelation as related to each other. *Ex. Homiletic Review*, Jan., 1891. Also in *Public Opinion*, Dec., 1891.

(Bibliography of (Sir) William Dawson.) Catalogue and Index of contributors to North American Geology, 1732-1891, Darton, Bull. U. S. A. Geol. Surv., No. 127, pp. 234-330, 1891, Washington.

Supplementary note to the fourth Edition, 1891. The Geology of Nova Scotia, New Brunswick and Prince Edward Island, or Acadian Geology. By Sir J. William Dawson, LL.D. Fourth edition with a map, illustrations and two supplements. London, Macmillan & Co.; Edinburgh, Oliver & Boyd; Montreal, Dawson Bros.; Halifax, A. & W. MacMillan; New York, Van Nostrand. 1891. 8vo. 14 (2), 27, 694, 103, 37 pp., including 22 pts., 11 pls. Supplements are those to second edition, 1878, and 4th edition, 1891. (1 map.)

(Bibliography of Sir John William Dawson.) Catalogue of Scientific Papers (1874-1883). Compiled by the Royal Society of London, Vol. 9, pp. 653-654 (44 titles with references). Cambridge University Press Warehouse, London, 1891.

Carboniferous fossils from Newfoundland. Bull. Geol. Soc. Amer., Vol. 2, pp. 529-540. Plates 21 and 22, May 27th, 1891 Rochester N.Y.

On Fossil plants from the Similkameen Valley and other places in the southern interior of British Columbia. Trans. Roy. Soc. Can., Vol. 3, Sect. 4, Art. 2, read May 28th, 1890, pp. 75-91. 32 figures, Montreal. Read before the Royal Society, May, 1890, and under cover issued as separate, 1891.

(The age of the Catskill Flora.) Amer. Geol., Vol. 7, p. 363. 1891. Minneapolis.

1892.

Note on fossil sponges from the Quebec group (Lower Cambro-Silurian) at Little Metis, Canada. Bull. Geol. Soc. Amer., pp. 409-410. Vol. 4, 1892. Rochester, N.Y.

Supplementary report on Explorations of erect trees containing animal remains in the Coal Formation of Nova Scotia. Reviewed April 25, 1892. Proc. Roy. Soc., Vol. 54, pp. 4-5, 1892, London.

Modern Science in Bible Lands. With maps and illustrations. Popular edition revised. Hodder & Stoughton, London, 400 pp.

Memoranda and statement relating to benefactors, exemptions and free tuitions to theological students in McGill University. Montreal, 1892. 8 pp.

Remarks on a paper by Mr. Rassam, on the Garden of Eden locality. Trans. Victoria Institute. Vol. 25, p. 127, 1892. London.

On mode of occurrence of remains of land animals in erect trees at the South Joggins, Nova Scotia. Trans. Roy. Soc. Can., Vol. 9, Sect. 4 (Read May 29th 1891), pp. 127-128. 1892, Montreal.

*Parca decipiens*. Notes on specimens from the collection of James Reid, Esq., of Allan House, Blairgowrie, Scotland. Part 1. Historical and Geological Trans. Roy. Soc. Can., Vol. 9, Sect. 4 (1899), pp. 3-8. Whole volume issued 1892. Montreal.

THOMAS STERRY HUNT, LL.D., F.R.S. ("By Sir J. W. Dawson.") Can. Rec. Sc., Vol. 5, No 3, pp. 145-149, with portrait. 1892. Montreal.

1893.

Geological Notes. Ex. Can. Rec. Sci., July, 1893. p. 386-393. Montreal. (J. W. D. Preliminary note on recent (Jan., 1894) specimens of Batrachians and other air-breathers in the coal formation of Nova Scotia. Ex. Can. Sci., 7 pp. (Separate.) Jan., 1894.

Some salient points in the science of the earth. 499 pages, 46 illustrations. Hodder & Stoughton, 27 Paternoster Row, London. 1893.

Notes on ornamental stones of Ancient Egypt. Trans. Victoria Institute. Vol. 26, pp. 265-282, 1893. London.

Causes of climatic changes. Trans. Victoria Institute. Vol. 26, pp. 289-291 1893. London.

The Canadian Ice Age, being notes on the pleistocene geology of Canada with special reference to the life of the period, and its climatic conditions. 301 pp. pl. 8vo. Bulletin Peter Radpath Museum, McGill University, Montreal. William V. Dawson. 1893.

Thirty-eight years of McGill, being the Annual University Lecture, 1893-4. 12 pp. 1893. Montreal. (Reprinted from Montreal Medical Journal, 1894.)

The late DR. JOHN STRONG NEWBERRY. Can. Rec. Sci., Vol. 5, No. 6, p. 340, 8vo 1893. Montreal.

(Fossil plants from Nanaimo and the Queen Charlotte Islands.) Paper read at 12th annual meeting, Roy. Soc. Can., May 22-25, 1893. Reported in Science, June 9th, 1893, p. 315.

The origin of the world according to Revelation and Science. (6th edition.) Hodder & Stoughton, London, 1893. 452 pp.

The study of fossil plants. Bull. Geol. Soc. Amer., Vol. 5, pp. 2-5, 1893. Rochester.

Loyalty. A letter to McGill students from the Principal. Separate pamphlet, 4 pp. Montreal. 1893.

Some salient points in the science of the earth. 499 pp. W. Drysdale & Co., Montreal.

On the Correlation of early Cretaceous Floras in Canada, and the United States, and on some plants of the period. Trans. Roy. Soc. Can., Vol. 10, Sect. 4 (Read June 2, 1892), pp. 79-93, whole volume issued 1893. Ottawa.

Note on Fossil Sponges from the Quebec Group (lower Cambro-Silurian) at Little Metis, Canada. Bull. Geol. Soc. Amer., Vol. 4, pp. 409-410, September, 1893. Rochester.

1894.

Some Salient Points in the Science of the Earth. With 46 illustrations. 12mo. 5 pl. 496 pp. incl. 30 pl. Harper Bros. 1894, New York.

The Canadian Ice Age, being notes on the Pleistocene Geology of Canada with especial reference to the life of the period, and its climatic conditions. Montreal. William V. Dawson; New York & London, The Scientific Publishing Company, 1894. 8vo. (11) 301 pp., 6 pls.

Fossil Plants of Canada and tests of climate, &c. Natural Science, Vol. 4, 177-182. 1894.

Thoughts on an Ideal College for Women. (An address delivered before the Delta Sigma Society of McGill University, Dec. 13th, 1894.) 16 pp. 1894. Montreal.

Remarks on Prestwich's paper, "Causes for the Origin of the Tradition of the Flood." Trans. Victoria Institute, Vol. 27, p. 285, 1894. London.

Note on the genus *Naiadites* as occurring in the coal formation of Nova Scotia, with an appendix by Wheelton Hind, M.D., etc., Quart. Journ. Geol. Soc., Aug. 1894. Vol. 50. Pl. 20, pp. 435-442. London, Eng.

Bivalve Mollusks of the Coal formation of Nova Scotia. Can. Rec. Sci., Oct., 1894. 18 pp. separate, illustrated.

Our record of Canadian Earthquakes. Ex. Can. Rec. Sci., Jan., 1894. pp. 8-16. Montreal.

Note on a paper on "Eozoonal structure of the ejected blocks of Monte Somma." (Publication not indicated.) 4 pp. March, 1894. Montreal.

On new species of Cretaceous plants from Vancouver Island. Trans. Roy. Soc. Can., Vol. 11, Sect. 4 (Read May 25, 1893), pp. 53-73, pl. 5-14, issued 1894. Ottawa.

PETER REDPATH. Governor and Benefactor of McGill University and Founder of the Museum, Library and Chair of Mathematics which bear his name, with historical sketch of the Peter Redpath Museum. 39 pp. For the University. "Witness" Printing House, Montreal.

Revision of the bivalve mollusks of the Coal formation of Nova Scotia. Peter Redpath Museum Bulletin. Notes on Specimens. pp. 1-18. Montreal.)

(Biographical sketch of John William Dawson.) The Century Cyclopædia of Names, by Benjamin E. Smith, p. 312. The Century Co., New York, 1894.

The Meeting Place of Geology and History. 223 pp. Fleming H. Revell Company, New York, Chicago, Toronto.

1895.

Review of the evidence for the animal nature of Eozoon Canadense. Geol. Mag., Dec. 4, Vol. 2, Oct.-Nov., Dec., 1895. 17 pp. (Issued as separate.)

The Natural and the Spiritual as presented to us in Science and Revelation. (For private circulation.) Reprinted in pamphlet form by "Christian Work." 12 pp.

(Bibliography of Sir William Dawson.) Bibliography of the members of the Royal Society of Canada by Sir John George Bourinot, Proc. Roy. Soc. Can., Vol. 12, pp. 27-30. Whole volume issued in 1895. Montreal.

Obituary. GASTON MARQUIS DE SAPORTA. Can. Rec. Sci., April, 1895, pp. 1-3, 8vo. (Reprint from Author.) Vol. 6, No. 9, pp. 367-369. 1895, April.

Note on a specimen of Beluga Catodon from the Leda Clay, Montreal. Can. Rec. Sci., Vol. 6, No. 6, pp. 351-354. April, 1895. Montreal.

Note on a paper on "Eozoonal Structure of the Ejected Blocks of Monte Somma." (Publication not indicated.) 4 pp. March, 1895. Montreal.

Synopsis of the Air-breathing animals of the Palæozoic in Canada up to 1894. Trans. Roy. Soc. Can., Vol. 12, Sect. 4, Art. 5. (Read May 23rd, 1894.) pp. 71-88. Ottawa,

A walk in a Coal Forest. *Coal Trade Journal*, March, 1895.

1896.

The Primeval Flora. (A lecture given in 1868 by Dawson, in New York.) Nat. Sci. News, Vol. 2, No. 8, 1896. pp. 29-32. March 21, 1896.

JAMES MCGILL and the origin of his university, with engraving, Montreal. 14 pp. (Condensed from papers in Barnard's American Journal of Education, 1859, and the Dominion Monthly, 1870.) Bound with Dawson's On the Course of Collegiate Education, 1855.) 1896.

Science as the handmaid of religion. Evangelical Christendom. Vol. 50, No. 598, new series, Vol. 37, Oct. 1896. pp. 303-305.

Pre-Cambrian fossils, especially in Canada. (Read in Geol. Sect. British Association, Liverpool meeting, Sept., 1896.) Can. Rec. Sci., July, 1896. pp. 157-162. Montreal.

Science the ally of Religion. Substance of an address at the Jubilee Conference of the Evangelical Alliance, Mildmay Park, London, July 1, 1896. 8 pp. (Montreal.)

Eden Lost and Won. 226 pp. Fleming H. Revell Co., New York, Chicago and Toronto. 1896.

1897.

On the Genus *Lepidophloios* as illustrated by specimens from the Coal formation of Nova Scotia and New Brunswick. Proc. Roy. Soc. Can., Sect. 4, 2nd series, Vol. 3, pp. 57-78, pl. 1-14, separate issued, 1897.

On specimens in the Peter Redpath Museum of McGill College, Montreal. Illustrating the physical characters and affinities of the Guanches. Trans. Victoria Institute, Vol. 29, pp. 239-258, 1897. London.

Note on a Carboniferous Entomostracan from Nova Scotia, in the Peter Redpath Museum, determined and described by Prof. T. Rupert Jones and Mr. Kirkby, by Sir J. William Dawson. (Reprinted from the Canadian Record of Science, January, 1897.) Montreal. 8vo. pp. 316-323. (McGill University, Montreal, paper from the department of geology, No. 7.)

First lessons in the scientific principles of Agriculture, for schools and private instruction. (By J. W. D. & S. P. Robins.) New edition revised and enlarged with the permission of the author, by S. P. Robins, Montreal. W. Drysdale & Co., Montreal, 1897. 323 pp.

Note on Cryptozoon and other ancient fossils. *Can. Rec. Sci.*, Vol. 7, No. 4, pp. 203-219, 1 pl. Montreal. April, 1897.

Relics of Primeval Life. 335 pp. Fleming H. Revell Co., New York, Chicago and Toronto.

## 1898.

The Case against Evolution. *The Independent*. January 27th, 1898, pp. 3-4 (107-108).

Farms, and hints for teachers and trustees of schools by the superintendent of education. 8 pp. Place and date of publication not indicated.

Points of contact between Revelation and Natural Science. *Present Day Tracts*, No. 42, 2nd series, 64 pp. London, Eng.

Addendum to note of Nova Scotia Carboniferous Entomostraca, in number for January, 1897. *Can. Rec. Sci.*, Vol. 7, No. 7, p. 396, July, 1897. (Issued July, 1898.) Montreal, 1898.

Testimony of the Holy Scripture respecting wine and strong drink. 3rd edition revised. 52 pp. Two supplementary notes. 1898. Montreal.

The Seer of Patmos, and the Twentieth Century. Reprinted from the *Homiletic Review* for June and July, 1898. 33 pp. Funk & Wagnalls Co., New York and London. 1898.

Communication on Mr. Mello's paper on primitive man. *Trans. Victoria Institute*, Vol. 30, pp. 253-255. 1898. London.

Communication on Mr. Mello's paper on Neolithic man. *Trans. Victoria Institute*. Vol. 30, pp. 298-299. 1898. London.

## 1899.

Note on an Echinoderm collected by Dr Ami at Besserers, Ottawa River, in the Pleistocene (Leda-Clay). *Ottawa Naturalist*, Vol. 13, No. 9, pp. 201-202, December, 1899. Ottawa

(SIR WILLIAM DAWSON) Biographical sketch of. By Prof. Frank D. Adams, of McGill University (with portraits.) *Science*, new series, Vol. 16, pp. 905-911, Dec. 22, 1899. The substance of this sketch also appeared in *The McGill Outlook* for December, 1899. Montreal.

Index to papers, pamphlets and books in the library of Sir J. William Dawson, M. S. 226 pp. (In Peter Redpath Library.)

## 1900.

SIR JOHN WILLIAM DAWSON (Biographical sketch of) by Dr. F. D. Adams, *Can. Rec. Sci.*, Vol. 8, No. 3, January, 1900, pp. 137-148. 1900. Montreal. (Illustrated.)

## 1901.

Fifty Years of Work in Canada. An Autobiography. 308 pp. London and Edinburgh, Ballantyne, Hanson & Co. (Edited by his son, Rankine Dawson, Esq., M.A., M.D., C.M., of Montreal, Canada.) 1901.



*Date Uncertain.*

The Historical Deluge, in its relation to scientific discovery and to present questions. Present Day Tracts, No. 76. 56 pp.

Creative development and evolution. Contributed to the Expositor. 36 pp. Printed for private circulation.

(Primary or predisposing cause of Disease called "Potato Rot," and its Remedies.) Remedies or Palliations, pp. 655-664, Nova Scotia Reports (1851?). Halifax or Pictou.

Nouvelle note sur les Antiquités aborigènes trouvées à Montréal, pp. 25-36. "J. W. Dawson, Esq., Canadian Naturalist."

The Day of Rest in relation to the world that now is and that which is to come. Present Day Tracts, 2nd series, No. 50, 32 pp. London, Eng.

Forms and hints for teachers and trustees of schools by the superintendent of education. 8 pp. (1851?). Nova Scotia.

School Architecture—abridged from Barnard's School Architecture with notes by the Superintendent of Education of Nova Scotia, 16 pp. McKinley, Halifax & James Dawson, Pictou, Publishers.

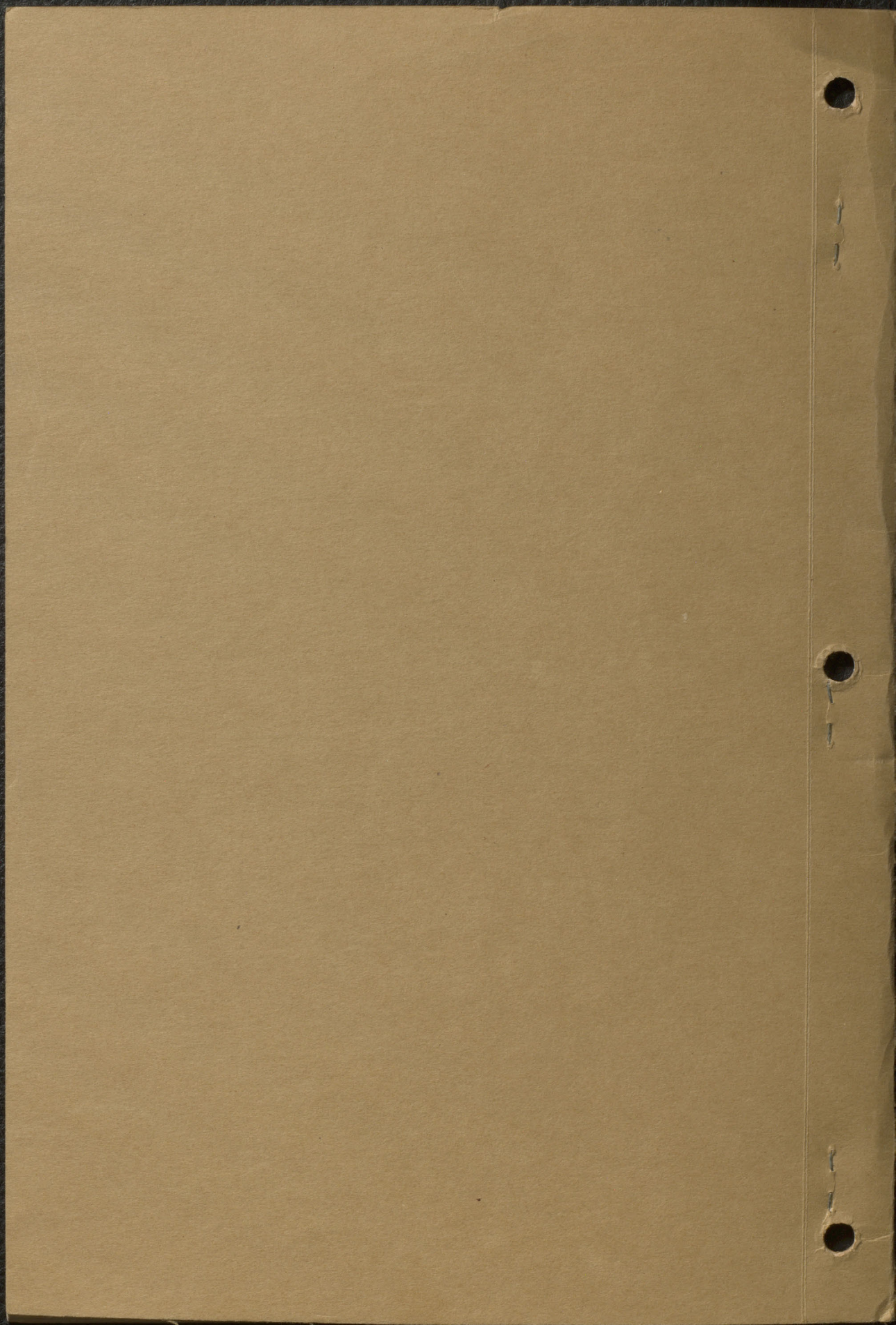
"A possible cause of the origin of the Tradition of the Flood, by Sir J. Prestwich." Remarks on, by Sir J. W. Dawson, Journ. Trans. Victoria Inst., or Phil. Soc., Great Britain, Vol. 27, 108, London, Eng.

"On Specimens in the McGill University illustrating the physical character of the granites (with references by Professors Putnam, Cleland, &c.) Journ. Trans. Victoria Institute, or Phil. Soc., Great Britain, Vol. 29, 116. London.

"Useful and ornamental Stones of Ancient Egypt. Journ. Trans. Victoria Inst., or Phil. Soc., Great Britain, Vol. 26, 104, with remarks by W. H. Hudleston, F.R.S.; Prof. E. Hull, F.R.S.; W. Brindley, F.G.S.; Coloned Conder, R.E.; Prof. Logan Lobley. London, Eng.

Pre-historic times in Egypt and Palestine, II, North American Review, pp. 69-83.



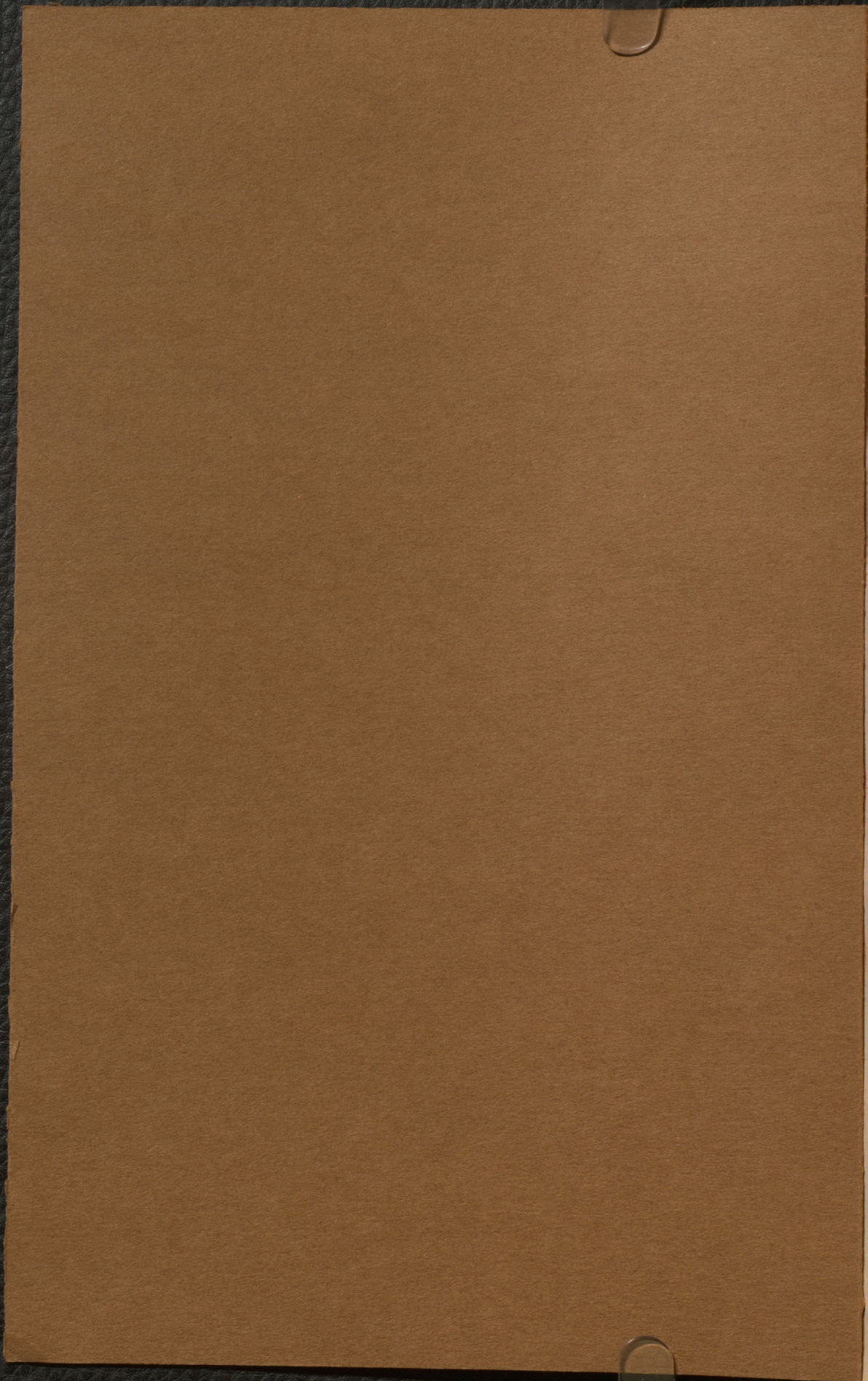






J. H. Clark

McGILL UNIVERSITY
APR 1966
ACC. NO. 2349
REF. 4



II.—*Bibliography of Sir John William Dawson,*

By H. M. AMI, M.A., D.Sc., F.G.S.

(Read May 21st, 1901.)

1842.

(On the *Meriones Labradoricus* and *Arvicola Pennsylvanica*). Notice of, and record by J. W. Dawson. Proceedings of the Wernerian Natural History Society, February (1842); Edinburgh, New Philosophical Journal, Vol. 32, Oct.-Apr., 1842, p. 400. Edinburgh, Scotland.

A Geological Excursion to Prince Edward Island. *Haszard's Gazette*.

1843.

On the Lower Carboniferous or Gypsiferous Formation of Nova Scotia. Proc. Geol. Soc., Vol. 4, pp. 272-281. (Six woodcuts, and Dr. A. Gesner's geol. map of Nova Scotia.) London, Eng.

1845.

On the Lower Carboniferous Rocks, or Gypsiferous Formation of Nova Scotia. Quart. Journ. Geol. Soc., Vol. 1, pp. 26-35. London, Eng.

On the Newer Coal Formation of the Eastern Part of Nova Scotia. Proc. Geol. Soc., London, Vol. 4, pp. 504-512, (with geol. map section, notes on fossils, etc., by J. W. D.; also Vol 1, pp. 322-330. Same paper published in two volumes). London, Eng.

On the Newer Coal Formation of the Eastern part of Nova Scotia. Quart. Journ. Geol. Soc., Vol. 1, pp. 322-330, (with appendix on the Junction of the Carboniferous and Silurian System at Maccaras). London, Eng.

1846.

Notices of some Fossils found in the Coal Formation of Nova Scotia. Proc. Geol. Soc., Vol. 2, 1846, pp. 132-136. London, Eng.

1847.

On the Destruction and Partial Reproduction of the Forests in British North America. 12 pp. Edinburgh New Phil. Journ., Vol. 42, 1847, pp. 259-271. Silliman's Journ., Vol. 4, 1847, pp. 161-170 *Forriep. Notizen*, 5, 1848, col. 65-72.

On the New Red Sandstone of Nova Scotia. Quart. Journ. Geol. Soc., Vol. 4, 1847, pp. 50-59. 4to Map and sections London.

1848.

On the Mode of Occurrence of Gypsum in Nova Scotia, and on its probable origin. Proc. Roy. Soc. Edin., Vol. 2, pp. 140-141. Edinburgh

Notice of Specimens of the Wheat Midge from Nova Scotia. Acad. Nat. Sco. Phila. Proc. 4, 1848-9, pp. 210-211; *Ann. & Mag. Nat. Hist.*, Vol. 5,

Report on the Coal Fields of Carribou Cove and River Inhabitants, Cape Breton. Journ. Nova Scotia Legislature, 8 pp. Halifax.



1849.

On the Colouring Matter of Red Sandstones and of Greyish and White Beds Associated with them. (Read May 17th, 1849.) *Quart. Journ. Geol. Soc.*, Vol. 5, 1849, pp. 25-30. London, Eng.

Notice of the Gypsum of Blaister Cove in the Strait of Canseau. *Quart. Journ. Geol. Soc.*, Vol. 5, 1849, pp. 335-339. London, Eng.

1850.

Account of a Halo observed at Pictou, Nova Scotia, August 23, 1849. *Edinb. New Phil. Journ.*, Vol. 48, 1850, pp. 65-68. Edinburgh.

On the Metamorphic and Metalliferous Rocks of Eastern Nova Scotia. (Read March 13th, 1850.) *Quart. Journ. Geol. Soc.*, Vol. 6, pp. 347-364, 1850. London, Eng.

1851.

Preliminary report of the Superintendent of Education. (Addressed to the Hon. Jos. Howe.) *Journal and Proceedings of the House of Assembly*, Appendix No. 53, pp. 194-196, dated at Pictou, November 2, 1850. Halifax, 1851.

Report of schools of Nova Scotia for the year 1850, by the Superintendent of Education, Halifax, N.S., 128 pp. Published 1851.

On the Boulder Formation and Superficial Deposits of Nova Scotia. *Proc. Roy. Soc. Edinb.*, Vol. 2, A., pp. 141-142, 1851. Edinburgh.

Notice of the Occurrence of Upright Calamites near Pictou, Nova Scotia. (Read March 12th, 1851.) *Quart. Journ. Geol. Soc.*, Vol. 7, 1851, pp. 194-196. London, Eng.

1852.

Additional Notes on the Red Sandstones of Nova Scotia. (Illustrated.) (Read June 16th, 1852.) *Quart. Journ. Geol. Soc.*, Vol. 8, 1852, pp. 398-400. London, Eng.

Handbook of the Geography and Natural History of Nova Scotia. (Map.) Pictou and Edinburgh.

Report on the schools of Nova Scotia for the year 1851, 8vo, by the Superintendent of Education, Halifax, R. Urquhart, 1852. 79 pp. (Published 1852.)

1853.

On the Remains of a Reptile and of a Land Shell discovered in the interior of an Erect Tree in the Coal-Measures of Nova Scotia. (Lyell and Dawson.) *Quart. Journ. Geol. Soc.*, Vol. 9, pp. 58-67. 1853, London, Eng.

Report on the schools of Nova Scotia for 1853, by the Superintendent of Education. 58 pp. Halifax.

On the Albert Mine, Hillsborough, New Brunswick. *Quart. Journ. Geol. Soc.*, Vol. 9, 1853, pp. 107-115. Seven woodcuts. London, Eng.

Scientific Contributions towards the Improvement of Agriculture in Nova Scotia. 99 pp. Pictou, 1853. (In Peter Redpath Library.)

1854.

On the Structure of the Altion Mines Coal Measures, Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 10, pp. 42-47, London.

On the Coal-Measures of the South Joggins, Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 10, 1854, pp. 1-42, London, England.

On Fossil Coniferous Wood, from Prince Edward Island. *Proc. Acad. Nat. Sci. Phil.*, Vol. 7, 1854-55, pp. 62-64. Philadelphia.

Practical Hints to the Farmers of Nova Scotia on the Management and Improvement of Live Stock and on General Husbandry Compiled from Youatt, Johnston, Peters, Stephens and other late writers, with notes and explanatory remarks 148 pp. 12 figs. Richard Nugent, Halifax, N.S.

Contributions towards the improvement of Agriculture in Nova Scotia; with practical hints on the management and improvement of live stock. Compiled from Youatt, Johnston, Young, Peters, etc. By J. W. Dawson, M.A., F.G.S., second edition, revised and improved. Published under a grant of the Legislature, Halifax, N.S. Printed by Richard Nugent, 8vo, 12 figures, 148 pp., including pl. 3.

1855.

Acadian Geology, an account of the Geological Structure and Mineral resources of Nova Scotia and portions of the neighbouring provinces of British America. 1st edition, xii pp. & 338 pp. 1855 (illustrations and map.) Edinburgh, Scotland, London, Eng., and Pictou, N.S.

Notice of the Discovery of a Reptilian skull in the coal of Pictou. (Read Nov. 1st, 1854.) Quart. Journ. Geol. Soc., Vol. 11, pp. 8-9. London, Eng. (Issued 1855.)

On a Modern Submerged Forest at Fort Lawrence, Nova Scotia. Quart. Journ. Geol. Soc., Vol. 11, 1855, pp. 119-122. London, Eng.

On the Course of Collegiate Education adapted to the circumstances of British America. The Inaugural Discourse of the Principal of McGill College, Montreal. 29 pp. H. Ramsay, Montreal. 1855. (Reprint, 24 pp. 1895, Montreal.) (Canadian Pamphlets, No. 33, Library of Parliament, Ottawa, Canada.)

Address at the Meeting of the Association of Protestant Teachers of the Province of Quebec. 10 pp. (Bound with paper "On the Course of Collegiate Education," 1855, in Peter Redpath Library.)

1856.

On the Species of *Meriones* and *Arvicolæ* Found in Nova Scotia, Brit. Assoc. Rep., 1855, Pt. 2, p. 110; Edinb. New Phil. Journ. III, 1856, pp. 1-4. Edinburgh, Scotland.

1857.

Remarks on a Specimen of Fossil Wood from the Devonian Rocks (Gaspé Sandstones) of Gaspé, Canada East. Proc. Amer. Assoc. Adv. Sci., 1857, Pt. 2, pp. 174-176. (Boston meeting), Mass.

Natural History in its Educational Aspect. Barnard's Amer. Journ. of Education, pp. 428-436, Art. II, June, 1857. (Extracts from the introductory Lecture of the popular course of the Natural History Society of Montreal.) Hartford, Connecticut.

On the parallelism of the Rock Formations of Nova Scotia with those of other parts of America. Proc. Amer. Assoc. Adv. Sci. Part 2, pp. 18-25. (Albany.) Cambridge, Mass.

Archaia, or Studies of the Narrative of the Creation in Genesis. Montreal, 1857.

On the Varieties and Mode of Preservation of the Fossils known as *Sternbergiæ*. Proc. Amer. Assoc. Adv. Sci., 1857, (pt. 2) pp. 64-67; Can. Journ. 2, 1857, pp. 476-479, Toronto; Can. Nat. and Geol., Vol. 2, No. 4, Sept. 1857, pl. 5, pp. 299-305. Montreal.

On the Newer Pliocene Fossils of the St. Lawrence Valley, Proc. Amer. Assoc., Adv. Sci., 1857, pt. 2, pp. 74-75. See also Review Can. Nat. and Geol. Vol. 2, No. 4, pp. 279-280. Montreal.

Sec. IV., 1901. 2.

On the Geological Structure and Mineral Deposits of the Promontory of Maimansee, Lake Superior. *Can. Nat. and Geol.*, Art. I, Vol. 2, No. 1, pp. 1-12. (Illustrated.) March, 1857. Montreal.

The Testimony of the Rocks, by Hugh Miller. *Can. Nat. and Geol.*, Art. 9, Vol. 2, No. 2, pp. 81-92. May, 1857. Montreal.

Recent Geological Discoveries. *Can. Nat. and Geol.*, Vol. 2, No. 3, pp. 188-195. (Review of suppl. to 5th ed., Lyell's Manual of Geology. London, 1857.) July, 1857. Montreal.

On the Newer Pliocene and Post Pliocene Deposits of the vicinity of Montreal, with notices of Fossils recently discovered in them. *Can. Nat. & Geol.*, Vol. 2, No. 6, December, 1857, pp. 401-426. Montreal.

Farther gleanings from the Meeting of the Amer. Assoc. Adv. Sc. in Montreal, Art. 32. *Can. Nat. & Geol.*, Vol. 2, Sept. 1857, pp. 355-359, Montreal.

## 1858.

On the Newer Pliocene and Post Pliocene Deposits of the vicinity of Montreal, with notices of Fossils recently discovered in them. Extracted from *Can. Nat. & Geol.*, 1858. Issued as separate. 28 pp. Montreal.

Things to be Observed in Canada, and especially in Montreal and its vicinity. *Can. Nat. & Geol.*, Vol. 3, 1858, pp. 1-12. Montreal.

Report of the Geological Survey of Canada. *Can. Nat. & Geol.*, Vol. 3, pp. 32-39, 81-96. Montreal.

Permian Fossils in Kansas and elsewhere in America. *Can. Nat. & Geol.*, Vol. 3, No. 1, p. 80. February, 1858. Montreal.

Agassiz's Contributions to the Natural History of the United States. Vols. 1 & 2. Boston. *Can. Nat. & Geol.*, Vol. 3, No. 3, Art. 22, pp. 201-212, June, 1858. Montreal. (Concluded in) *Can. Nat. & Geol.*, Vol. 3, No. 4, Art. 24, pp. 241-260. August, 1858. Montreal.

Coal in Canada. The Bowmanville Discovery. *Can. Nat. & Geol.*, Vol. 3, No. 3, Art. 23, pp. 212-223. June, 1858. Montreal.

A Week in Gaspé. *Can. Nat. & Geol.*, Vol. 3, 1858, pp. 321-331. Montreal.

On Sea Anemones and Hydroid Polyyps from the Gulf of St. Lawrence. *Can. Nat. & Geol.*, Vol. 3, 1858, pp. 401-409. Montreal.

## 1859.

On Fossil Plants from the Devonian Rocks of Canada. *Quart. Journ. Geol. Soc.*, Vol. 15, 1859, pp. 477-488. London, Eng.

On the Lower Coal Measures as developed in British America. (1858.) *Quart. Journ. Geol. Soc.*, Vol. 15, 1859, pp. 62-76. London, Eng. *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 303-305. Montreal.

On the Vegetable Structures in Coal. *Quart. Journ. Geol. Soc.*, Vol. 15, 1859, pp. 626-641. *Can. Journ.*, Vol. 5, 1860, pp. 305-307. Toronto.

Additional Notes on the Post Pliocene Deposits of the St. Lawrence Valley. *Can. Nat. & Geol.*, Vol. 4, No. 1, 1859, pp. 23-39. February. Montreal.

On the Microscopic Structure of Some Canadian Limestones. *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 161-169. Montreal.

On a specimen of Aboriginal Pottery in the Museum of the Natural History Society of Montreal. *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 186-190. Montreal.

Geological Survey of Canada. *Can. Nat. & Geol.*, Vol. 3, 1859, pp. 220-228. Montreal. (A Review.)

Recent Researches in the Devonian and Carboniferous Flora of British America. *Proc. Amer. Assoc. Adv. Sci.*, 1859, pp. 308-310. *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 297-298. Montreal.

Post-Tertiary of the St. Lawrence Valley. *Silliman's Journal*, Vol. 27, 1859. pp. 434-437. New Haven, Conn.

On a New Species of Stickleback. (*Gasterosteus gymnetes*.) *Can. Nat. & Geol.*, Vol. 4, 1859, pp. 321-324. Montreal.

James McGill and the University of McGill College. Montreal. (Biographical sketch of James McGill.) 14 pp. 1859. Reprinted from *Barnard's American Journal of Education* for September, 1859.

Fossile Pflanzen in Devon-Gesteinen der Insel Gaspé in Canada. London, Edinburgh and Dublin. *Phil. Mag.*, 4th series, No. 112, pp. 147-148. February, 1859.

Geological Survey of Canada. Report of Progress for 1857. (Review.) *Can. Nat. & Geol.*, Vol. 4, 8vo, pp. 62-69, 1859. Montreal.

Address by the President (Principal Dawson) (at the) Inauguration of the new buildings of the Natural History Society, Cathcart Street, Montreal. *Can. Nat. & Geol.*, Vol. 4, No. 2, pp. 142-144, April, 1859. Montreal.

"Catalogue of Animals and Plants collected and observed on the south-east side of the St. Lawrence from Quebec to Gaspé, and in the Counties of Rimouski, Gaspé and Bonaventure," by Mr. Robert Bell, Jr., Assistant to Mr. James Richardson, Geological Explorer under Sir W. E. Logan, in 1858." (*Class Annulata. Order Tubicolæ*, determined by Dr. J. W. Dawson), p. 251 and *Class Polyzoa, Order Cheilostomata*, pp. 255-257.

Geological Survey of Canada. Report of Progress for the year 1857. (A review.) *Can. Nat. & Geol.*, Vol. 4, No. 1, pp. 62-69. Feb., 1859. Montreal.

## 1860.

On the Fossil Plants of the Devonian Rocks of Canada. *Can. Nat. & Geol.*, Vol. 5, 1860, pp. 1-14. Montreal.

On the Vegetable Structures in Coal. *Quart. Journ. Geol. Soc.* (London), pp. 626-641, (with plates 17, 18, 19, 20.) February. London, Eng.

Archaia, or Studies of the Cosmogony and Natural History of the Hebrew Scriptures, 440 pp. B. Dawson & Son, Montreal; Sampson, Low, Son & Co., London, Eng. Review of "Archaia," etc. 1860, 8vo, 400 pp. In *Edinburgh New Philosophical Journal*, Edinburgh, new series, Vol. 3, pp. 291-295, 8vo, 1861, A. & G. Black. Edinburgh.

On a Terrestrial Mollusk, a Chilognathous Myriapod, and some new species of Reptiles from the Coal Formation of Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 16, 1860, pp. 268-277. London, Eng. Abstract of paper. *Can. Nat. & Geol.*, Vol. 5, No. 3, pp. 222-223. June, 1860. Montreal.

On the Tubicolous Marine Worms of the Gulf of St. Lawrence. *Can. Nat. & Geol.*, Vol. 5, 1860, pp. 24-30. Montreal.

Review of "Darwin on the Origin of Species by means of Natural Selection." *Can. Nat. & Geol.*, Vol. 5, No. 1, Art. III., Feb., 1860, pp. 100-120. Montreal.

On the Silurian and Devonian Rocks of Nova Scotia. *Can. Nat. & Geol.*, Vol. 5, pp. 132-143. Montreal. (Same title, date and subject—published as separate pamphlet, 28 pp.)

Supplementary Chapter to "Acadian Geology." 70 pp. (Illustrated.) Edinburgh, London, Pictou.

Notice of Tertiary Fossils from Labrador, Maine, etc., and Remarks on the Climate of Canada, in the Newer Pliocene or Pleistocene Period. *Can. Nat. & Geol.*, Vol. 5, No. 3, Art. XV, June 1860, pp. 188-200. Montreal.

Professor Hall's Report on the Geology of Iowa. Vol. 1, Pts. 1 & 2. *Can. Nat. & Geol.*, Vol. 5, No. 3, pp. 213-215. June, 1860. (Review) Montreal.

Palæontological Note by Dr. Dawson in Paper by Rev. D. Honeyman, on new Localities of Fossiliferous Silurian Rocks in Eastern Nova Scotia. *Can. Nat. & Geol.*, Vol. 5, No. 4, Art. 41, pp. 297-299 (printed 197-199) August, 1860. Montreal.

Notes on the Coal Fields of Pictou, by Henry Poole. *Can. Nat. & Geol.*, Vol. 5, No. 4, pp. 285-286 and 291-293 (printed 192-193). Aug., 1860. Montreal. (Palæontological and other notes by J. W. D. at pages indicated.)

Notes on the Earthquake of October, 1860. *Can. Nat. & Geol.*, Vol. 5, 1860, pp. 363-372. Montreal.

Notes on Aboriginal Antiquities recently discovered in the Island of Montreal. *Can. Nat. & Geol.*, Vol. 5, No. 6, Dec., 1860, Art. 52, pp. 430-449. Montreal.

Supplementary Chapter to Acadian Geology. 12mo. 70 pp. Wood engravings of fossils. Edinburgh.

On an undescribed Fossil Fern from the Lower Coal Measures of Nova Scotia. (Abstract) *Can. Nat. & Geol.*, Vol. 5, No. 6, Dec., 1860, pp. 460-461. Montreal. *Quart. Journ. Geol. Soc.*, Vol. 17, 1861, p. 5. London, Eng.

Note on a Specimen of *Neæra* collected by Mr. R. S. Fowler, and exhibited to the Natural History Society of Montreal. *Can. Nat. & Geol.*, Vol. 5, No. 6, Dec., 1860, pp. 461-462. Montreal.

Note on Relics of the Red Indian of Newfoundland collected by Mr. Smith McKay, and exhibited to the Natural History Society. *Can. Nat. & Geol.*, Vol. 5, No. 6, half page 462. Dec., 1860. Montreal.

Statement of the Board of Royal Institution, Governors of McGill College. Being extracts from a memorial prepared for the Government and Legislature of Canada, 1860. 8 pp. John C. Becket, Montreal.

## 1861.

The Pre-Carboniferous Flora of New Brunswick, Maine and Eastern Canada. *Can. Nat. & Geol.*, Vol. 6, 1861, pp. 161-180. Montreal. Noticed anonymously in *Amer. Journ. Sci.*, Vol. 33, 1862, pp. 278-279. 2nd series.

Archéologie Canadienne. De quelques sépultures d'anciens indigènes de l'Amérique découverts à Montréal. (Traduit du "Canadian Naturalist" et annoté pour le "Journal de l'Instruction Publique.") 24 pp. Impr. Eusèbe Sénécal, Montréal, 1861. (Canadian Pamphlets, Nos. 473 & 104, Library of Parliament, Ottawa, Canada.)

Notes on the Geology of Murray Bay, Lower St. Lawrence. *Can. Nat. & Geol.*, Vol. 6, pp. 138-151. (With list of Cambro-Silurian and Post-Tertiary fossils and description of *Lingula Eca*, by E. Billings, p. 150). Montreal.

(Descriptions of new species of fossil plants from Perry, Maine.) "Agric. and Geol. of Maine", 2nd Ser., 1861, pp. 249-251, illustrated). Augusta, Me.

The Earthquake of July 12, 1861. *Can. Nat. & Geol.*, Vol. 6, No. 4, p. 329, August, 1861. Montreal.

On the Recent Discoveries of Gold in Nova Scotia. *Can. Nat. & Geol.*, Vol. 6, 1861, pp. 417-433. Montreal.

On an Erect *Sigillaria* from the South Joggins, Nova Scotia. *Journ. Geol. Soc.*, Vol. 17, 1861, pp. 522-524. *Can. Nat. & Geol.*, Vol. 7, 1862, pp. 106-111. Montreal.

Note on a Carpolite from the Coal Formation of Cape Breton. *Journ. Geol. Soc.*, Vol. 17, 1861, pp. 525-526. *Can. Nat. & Geol.*, Vol. 7, 1862, pp. 111-113. Montreal.

Synopsis of the Course of Zoology, McGill University (Montreal), Session 1862-63. 17 pp. (General view, functions and classification of the Animal Kingdom.) Montreal.

## 1862.

Proceedings at the Inauguration of the Wm. Molson Hall of McGill University, by His Excellency The Rt.-Hon. Viscount Monk. Oct. 10, 1862. pp. 31-39. Addendum. J. W. D.

Alpine and Arctic Plants, a lecture delivered before the Young Men's Christian Association of Montreal, February, 1862, 25 pp. John Lovell, Montreal, 1862.

Notice of the Discovery of Additional Remains of Land Animals in the Coal Measures of the South Joggins, Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 18, 1862, pp. 296-328. *Silliman's Journ.*, Vol. 35, 1863, pp. 311-319.

Note on Mr. Lesley's Paper on the Coal Measures of Cape Breton. Proc. Phil. Soc. Amer., Vol. 9, 1862-63, pp. 165-170.

On the Flora of the Devonian Period in North Eastern America. Quart. Journ. Geol. Soc., Vol. 18, pp. 296-330. (1. Localities: N. Y., Maine, Canada, N. Br. 2. Descriptions of Species. 3. Conclusion.) Nov. 1862, London, Eng. (Opposite page 329 an additional page or appendix, bearing date September, 1862, was inserted.)

Notes on the Flora of the White Mountains, in its Geographical and Geological Relations. Can. Nat. & Geol., Vol. 7, 1862, pp. 80-102. Montreal.

On an Erect Sigillaria and a Carpolite, from Nova Scotia. Can. Nat. & Geol., Vol. 7, No. 2, pp. 106-113 (illustrated.) Montreal.

On the Footprints of *Limulus* as compared with the Protichnites of the Potsdam Sandstone. Can. Nat. & Geol., Vol. 7, 1862 pp. 271-277. Montreal. (Abstract of paper in Can. Nat. & Geol., published in the Amer. Journ. Sc., Vol. 34, Ser. 2, pp. 446-447. New Haven, Conn., U.S.A.)

Zoological Classification of Coelenterata and Protozoa versus Radiata. Can. Nat. & Geol., Vol. 7, 1862, pp. 438-443. Montreal.

Fossil Plants Discovered at Perry, Me. Letter (Nov. 28th, 1862,) to C. H. Hitchcock, Proc. Portland Soc. Nat. Hits., Vol. 1, pt. 2, pp. 99-100, pl. 2, 1862. Portland, Me.

Review of Hooker's "Outlines of the distribution of Arctic Plants." Can. Nat. & Geol., 8vo, Vol. 7, No. 5, pp. 334-344. October, 1863. Dawson Bros., Montreal.

#### 1863.

On the Antiquity of Man. A review of "Lyell" (Sir Charles) & "Wilson" (Sir Daniel). Can. Nat. & Geol., 8vo, Vol. 8, pp. 113-135. 1863. Montreal. Also Edinburgh New Philosophical Journal, Edinburgh, 1864. A. & G. Black, 8vo, new series, Vol. 19, pp. 40-64.

A Handbook of the Geography and Natural History of the Province of Nova Scotia for the Use of Schools, Families & Travellers. 84th edition revised. pp. 96. Pictou, McPherson & Co., 1863.

On Two New Coal Plants from Nova Scotia. (Abstract). (Edinburgh New Philosophical Journal. A. & G. Black, 1863. 8vo, new series, Vol. 18, p. 298. Brit. Assoc. Proceedings.)

The Duties of Educated Young Men in British America. (Being the Annual University lecture of McGill University, Montreal. Session of 1863-64.) 24 pp.; John Lovell, Montreal, 1863. (Canadian pamphlets, No. 527, Library of Parliament, Ottawa, Canada.)

Notice of a New Species of *Dendroperon*, and of the Dermal Coverings of certain Carboniferous Reptiles. Quart. Journ. Geol. Soc., Vol. 19, 1863, pp. 469-473.

On American Devonian. Silliman's Journ. or Amer. Journ. Sci., ser. 2, Vol. 35, 1863, pp. 309-311. New Haven, Conn.

Further Observations on the Devonian Plants of Maine, Gaspé and New York. Quart. Journ. Geol. Soc., London, pp. 458-469, pls. 17-19. Nov., 1863. London, Eng.

The Air-breathers of the Coal Periods in Nova Scotia. Can. Nat. & Geol., Vol. 8, No. 1, 1863, pp. 1-12, 81-88, 159-160, 161-175, 268-295. Montreal.

Air Breathers of the Coal Period. A descriptive account of the remains of land animals found in the Coal Formations of Nova Scotia, with remarks on their bearing on theories of the formation of coal, and of the origin of species. Issued as separate, with photograph and illustrations. 81 pp. six plates, 1 photograph, 1 frontispiece, 1863. Dawson Bros., Montreal.

Addendum to Dr. Dawson's article on Air Breathers of the Coal Period. Can. Nat. & Geol., Vol. 8, No. 2, pp. 159-160. 8vo. April, 1863. Dawson Bros., Montreal.

Synopsis of the Flora of the Carboniferous Period in Nova Scotia. Can. Nat. & Geol., Vol. 8, No. 6, December 1863, pp. 431-457. Montreal.

(Post-Tertiary deposits and their fossils.) Geology of Canada, 1863. Geol. Surv. Can., Rep. Progress from its Commencement to 1863, etc. Chapter XXII, Supplementary; Superficial Geology, pp. 886-930; (pp. 915-928 for most part prepared from manuscripts by J. W. D.)

1864.

On some Points in the History and Prospects of Protestant Education in Lower Canada. A lecture delivered by Principal Dawson before the Association of Teachers, in connection with the McGill Normal School, Dec., 1864. Printed by J. C. Becket, Montreal, 1864. 20 pp. (Canadian Pamphlets, 142, Library of Parliament, Ottawa, Can.)

Agriculture for Schools, Montreal.

Addresses of Principal Dawson and Rev. D. H. McVicar, delivered at the Bible Society Meeting January 27, 1864. Montreal, 1864. John Lovell, pp. 3-6.

Address of the President of the Natural History Society (of Montreal), Can. Nat. & Geol., N. S., Vol. 1, No. 3, pp. 213-229. June, 1864. Montreal.

On the Fossils of the Laurentian and Boulder Drift of Canada. Amer. Journ. Sci., Vol. 38, 1864, pp. 231-239. New Haven, Conn.

Elementary Views of the Classification of Animals. Can. Nat. & Geol., N. S., Vol. 1, No. 4, pp. 241-258. August, 1864. Montreal.

On the Fossils of the Genus *Rusophycus*. Can. Nat., second series, Vol. 1, pp. 363-367. October, 1864. (An illustration of *Rusichnites Acadicus* to accompany description on page 458, Dec., 1864.) Montreal.

Synopsis of the Flora of the Carboniferous Period in Nova Scotia. Amer. Journ. Sci., Vol. 37, 1864, pp. 419-427. New Haven, Conn.

The Flora of the Carboniferous Epoch of Nova Scotia. By J. W. Dawson, (Review.) In Quarterly Journal of Science, London, John Churchill & Sons, 1864. 8vo. Vol. 5, (1 pl) p. 732. London.

1865.

Note on Mr. Lesley's Paper, On the Coal Measures of Cape Breton, (with remarks by Mr. Lesley). Excerpt from proceedings of American Philo-sophical Society. Vol. 9, March, 1865. 8vo, pp. 165-170. (Canada Mining Report, Vol. 3.)

Biography of Sir William Dawson, by Fennings Taylor, "Portraits of British Americans." 1865. pp. 143-157.

Notes on the meeting of the Association at Birmingham, 1865. Can. Nat. for Dec., 1865. 16 pp. (Issued as separate.)

Elementary Views of the Classification of Animals. In Can. Nat. & Geol., Vol. pp. August, 1864. (Review of the above by Rev. Prof. Wm. Hicks, Hind, F. L. S., in Can. Journ., Vol. 10, No. 4, pp. 19-30, January, 1865). Toronto.

The Palæozoic Floras in Northeastern America. Brit. Assoc. Rep., Vol. 35, 1865, (Sect. C.), pp. 50-51. Geol. Mag., Vol. 2, 1865, pp. 568-569. London, Eng.

On the Fossil Plants of the Post-Pliocene Deposits of Canada, in connection with the Climate of the Period, and the formation of Boulder Clay. Brit. Assoc. Rep., Vol. 35, 1865, (Sect.) p. 50. Geol. Mag., Vol. 2, 1865, pp. 561-563.

On the Structure of Certain Organic Remains in the Laurentian limestones of Canada. (1864). Quart. Journ. Geol. Soc., Vol. 21, pp. 51-59. Can. Nat. & Geol., Vol. 2, 1865, pp. 99-111, 127-128. Montreal. Phil. Mag., Vol. 29, p. 76, 1865.

Notes on Post-Pliocene Deposits at Rivière du Loup and Tadoussac. Can. Nat. & Geol., Vol. 2, 1865, pp. 81-88. Montreal.

The President's Address. Can. Nat. & Geol., N. S., Vol. 2, No. 4, pp. 300-304, August, 1865. Montreal.

1866.

On the Conditions of the Deposition of Coal, more especially as Illustrated by the Coal Formations of Nova Scotia and New Brunswick. (Read 1865). *Quart. Journ. Geol. Soc.*, Vol. 22, May, 1866, pp. 95-169. London, Eng.

Geological Map of Canada and the Adjacent Regions. *Geol. Sur. Can.* Sir W. E. Logan, etc., and also "from the labours of Dr. J. W. Dawson." Scale 25 miles to 1 inch. Paris, France.

On Flint Implements. *Can. Nat. & Geol., N. S.*, Vol. 3, No. 1, pp. 20-21. February, 1866. Montreal.

The Evidence of Fossil Plants as to the Climate of the Post-Pliocene Period of Canada. *Can. Nat. & Geol., new series*, Vol. 3, No. 1, pp. 69-76; also issued as separate, 7 pp., February, 1866. Montreal.

Note on the Supposed Burrows of Worms in the Laurentian Rocks of Canada. *Quart. Journ. Geol. Soc.*, Vol. 22, 1866, pp. 608-609, with figs. 1-5. London. *Phil. Mag.*, Vol. 31, p. 158; Vol. 32, p. 234. *Can. Nat. & Geol.*, Vol. 3, 1868, pp. 321-322. Montreal.

1867.

On Recent Geological Discoveries in the Acadian Provinces of British America. *Proc. Amer. Assoc. Adv. Sci.*, Vol. 16, 1867, pp. 117-119.

On Some Remains of Palaeozoic Insects recently Discovered in Nova Scotia and New Brunswick. *Amer. Journ. Sci.*, Vol. 44, 1867, p. 116. New Haven, Conn. *Geol. Mag.*, Vol. 4, 1867, pp. 385-388. London, Eng. *Can. Nat. & Geol.*, Vol. 3, 1867, pp. 202-206. Montreal.

Coal Discoveries and Primordial Fossils in Nova Scotia and New Brunswick. *Geol. Mag.*, Vol. 4, 1867, pp. 73-74. London, Eng.

On certain Discoveries in regard to Eozoon Canadense. *Geol. Mag.*, Vol. 4, 1867, pp. 222-223. London, Eng.

Notes on Fossils recently obtained from the Laurentian Rocks of Canada, and on Objections to the Organic Nature of Eozoon, with notes by W. B. Carpenter. *Quart. Journ. Geol. Soc.*, Vol. 23, 1867, pp. 257-264. London. *Amer. Journ. Sci.*, Vol. 44, 1867, pp. 367-376. New Haven, Conn. *Phil. Mag.*, Vol. 34, 1867, pp. 318-319. *Can. Nat. & Geol.*, Vol. 3, 1868, pp. 312-321. Montreal.

On the Discovery of a New Pulmonate Mollusk (*Zonites (Conulus) priscus*, Carp.) in the Coal Formation of Nova Scotia. With a description of the species by Philip P. Carpenter, M.D. *Quart. Journ. Geol. Soc.*, Vol. 23, 1867, pp. 330-333. London. *Phil. Mag.*, Vol. 34, 1867, p. 398.

Post-Pliocene Climate in Canada. *Journ. of Botany*, Vol. 5, 1867, pp. 121-125.

Note (on a Subdivision of the Acadian Carboniferous Limestones, with a description of a section across these rocks at Windsor, N.S.) *Can. Nat. & Geol., N. S.*, Vol. 3, No. 3, p. 224. May, 1867. Montreal.

On Eozoon Canadense. (With notes by W. B. Carpenter, M. D., F. R. S.) *Can. Nat. & Geol.* Reprinted from *Q. J. G. S.*, August, 1867. Montreal.

Die Schichten von St. John unter teufen die Untersten Schichten der Steinkohlenformation und Enthalten eine charakterische devonische Flora. *Neues Jahrb.* 1867, pp. 702-703. Stuttgart.

1868.

Acadian Geology, the Geological Structure, Organic Remains and Mineral Resources of Nova Scotia, New Brunswick and Prince Edward Island. 2nd ed., revised and enlarged, with a geological map and numerous illustrations. 694 pp. Macmillan & Co. London, 1868. Abstract. *Can. Journ., N. S.*, Vol. 1, pp. 39-48. Toronto, 1866. By E. J. Chapman. Reviewed by E. Billings. *Can. Nat. & Geol.*, Vol. 5, pp. 450-455. Abstract of supplement to second edition, by author. *Amer. Journ. Sci.*, 3rd series, Vol. 15, pp. 478-480. New Haven.



On recent Geological Discoveries in the Acadian Provinces of British America. *Can. Nat. & Geol.*, N. S., Vol. 3, No. 4, pp. 295-297. January, 1868. Montreal.

The Food of the Common Sea Urchin. *Amer. Nat.*, Vol. 1, 1868, pp. 124-125. Philadelphia.

Comparisons of the Icebergs of Belle Isle, with the Glaciers of Mont Blanc, with reference to the boulder clay of Canada. (1866. *Can. Nat. & Geol.* Vol. 2, 1868, pp. 33-34. Montreal.

The Evidence of Fossil Plants as to the Climate of the Post-Pliocene Period in Canada. (1866.) *Can. Nat. & Geol.* (new series), Vol. 3, 1868, pp. 69-76. Montreal.

Notices of Some Remarkable Genera of plants of the Coal Formation. *Can. Nat. & Geol.*, Vol. 3 (new series), 1868, pp. 362-374. Montreal.

The Removal and Restoration of Forests. *Can. Nat. & Geol.*, Vol. 3, 1868, pp. 405-417. Montreal.

On New Specimens of *Eozoon Canadense* with a Reply to Professors King and Rowney, (with notes by W. B. Carpenter.) *Amer. Journ. Sc.*, Vol. 46. Series 2, pp. 245-257, 2 pl. New Haven, Conn., U.S.A.

A New Pulmonate (*Zonites priscus*), in the Coal Formation of Nova Scotia. *Abstract Quart. Journ. Sci.*, London, John Churchill & Sons, 1868, 8vo. Vol. 5, p. 98, *Geol. Soc.* proceedings.

## 1869.

Notes on a Visit to Scientific Schools and Museums in the United States. *Can. Nat. & Quart. Journ. Sci.*, N. S., Vol. 4, No. 1, pp. 1-10, 1869. Montreal.

On the Wakefield Cave. *Can. Nat. & Quart. Journ. Sci.*, Vol. 4, No. 1, p. 71. Montreal.

(Review of Croil) on Geological Time. *Can. Nat. & Quart. Journ. Sci.*, Vol. 4, No. 1, pp. 73-78. 1869. Montreal.

Deep Sea Dredging in its Relations to Geology. *Can. Nat. & Quart. Journ. Sci.*, Vol. 4, No. 1, pp. 78-81, 1869. Montreal.

On Modern Ideas of Derivation. *Can. Nat. & Quart. Journ. Sci.*, N.S., Vol. 4, No. 2, pp. 121-138. July, 1869. Montreal. (Presidential Address delivered May, 1868.)

On some new Fossil Plants, etc., from Gaspé. *Can. Nat. & Quart. Journ. Sci.*, Vol. 4, 1869, pp. 464-465. Montreal. (Summary.)

On the Graphite of the Laurentian of Canada. *Quart. Journ. Geol. Soc.*, Vol. 25, 1869, p. 406. Vol. 26, 1871, pp. 112-117. London. *Can. Nat. & Geol.*, Vol. 5, 1870, pp. 13-20. Montreal. *Phil. Mag.*, Vol. 39, 1870.

On Calamites. *Ann. & Mag. Nat. His.*, Vol. 4, 1869, pp. 272-273. London.

Fossil Plants Discovered in Perry, Me. *Proc. Portland Soc. Nat. Hist.*, Vol. 1, pt. 2, pp. 99-100. (plate, 9 figs.) (Dated Nov. 26, 1862, McGill College, Montreal.) 1869. Portland, Me.

Geological Notes. *Can. Nat. and Quart. Journ. Sci.*, Vol. 4, No. 1, p. 71, 1869. Montreal.

## 1870.

JAMES MCGILL, and the origin of his University. *New Dominion Monthly*, pp. 37-40, March 1870. Montreal.

First Lessons in scientific agriculture for schools and private instruction. Montreal and Toronto, 1864. 208 pp. (Several editions.)

Science Education Abroad. (Being the annual University Lecture of the session, 1870-71, delivered in the William Molson Hall, Nov. 18, 1870.) 15 pp. Gazette Printing House, 1870. Montreal. (Canadian pamphlets, No. 294, Library of Parliament, Ottawa, Canada.)

Notes on New Points and Corrections in Acadian Geology. *Trans. Nova Scotian Instit. Nat. Sci.*, Vol. 2, pt. 3, pp. 166-169. Halifax.

Notes on the Structure of *Sigillaria* (1866.) *Quart. Journ. Geol. Soc.*, Vol. 26, 1870, pp. 165-166. London. *Phil. Mag.*, Vol. 40, 1870, pp. 74-75.

Notes on some New Animal Remains from the Carboniferous and Devonian of Canada (1869.) *Quart. Journ. Geol. Soc.*, Vol. 26, 1870, pp. 166. London, *Phil. Mag.*, Vol. 1870, p. 75.

On the pre-Carboniferous Floras of Northeastern America, with special reference to that of the Erian (Devonian) period. *Roy. Soc. Proc.*, Vol. 18, 1870, pp. 333-335. *Ann. & Mag. Nat. Hist.*, Vol. 6, 1870, pp. 103-105. Also published as The Bakerian Lecture. "On the pre-carboniferous floras of Northeastern America, with especial reference to that of the Erian (Devonian) period." Abstract in *Proc. Roy. Soc.*, No. 119, 1870, 1 page.

Handbook of Zoology, with examples from Canadian Species, recent and fossil, Invertebrata. Part 1, 264 pp. Dawson Bros., Montreal.

On the Structures and Affinities of *Sigillaria*. Calamites and Calamodendron. *Quart. Journ. Geol. Soc.*, Vol. 26, 1870, pp. 488-490. London: Vol. 27, 1871, 147-161, 4 pl., May, London. *Phil. Mag.*, Vol. 40, 1870, pp. 384-386.

Notes on the Structure of *Sigillaria*. (Abstract.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 5, No. 1, p. 98. March, 1870. Montreal.

Note on some new Animal remains from the Carboniferous and Devonian of Canada. (Abstract.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 5, No. 1, pp. 98-99. March, 1870, Montreal.

A Plea for the extension of University Education in Canada, and more especially in connection with the McGill University, Montreal. 31 pp. Montreal. J. C. Becket, 1870. (Canadian pamphlets, Nos. 337 & 221, Library of Parliament, Ottawa.)

Science Education Abroad. What is Science Education? (Extracts from a lecture by Principal Dawson.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 5, No. 3, pp. 263-281, Sept. 1870. Montreal.

The Earthquake of October 20th, 1870. Felt in Canada. *Can. Nat. & Geol.* Vol. 5, 1870, 262-289. Montreal. Reprinted as separate in amended form, 8 pp. Montreal, 1870.

Note on the Genus *Eophyton*. *Can. Nat. & Quart. Journ. Sci.*, 2nd series. Vol. 5, pp. 20-22. 1870. (It is possible that this article was not written by Dawson.)

The Primitive Vegetation of the Earth. *Nature*, Vol. 2, June 2, 1870, pp. 85-88. London, Eng., *Amer. Nat.* Vol. 4, pp. 474-583. 1871. *Proc. Roy. Instit.*, Vol. 6, 1872, pp. 165-172. London, Eng., issued as separate. 8 pp. 1870.

On Spore Cases in Coals. *Can. Nat. & Geol.*, Vol. 5, 1870, pp. 369-377. Montreal. *Amer. Journ. Sci.*, Vol. 1, 1871, pp. 256-263. New Haven, Conn., *Ann. & Mag. Nat. Hist.*, Vol. 7, 1871, pp. 321-329. *Monthly Microsc. Journ.*, Vol. 6, pp. 90-97. New York, 1871.

## 1871.

Report on the Geological Structure and Mineral Resources of Prince Edward Island. (Assisted by B. J. Harrington, B.A., Ph. D.) Printed by authority of the Government of Prince Edward Island, 52 pp. 1871. Montreal.

Lecture Notes on Minerals. Ladies' Association Classes, 1871-72. 25 pp. (Published as separate pamphlet.) Montreal.

The Fossil Plants of the Devonian and Upper Silurian Formations of Canada. *Geol. Surv. Can.* 92 pp., 20 pls. Printed by the authority of Parliament. Montreal.

Annual Address of the President of the Natural History Society of Montreal. (Delivered May 19, 1871.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, No. 1, pp. 1-9. Montreal. (Whole volume issued 1872.)

Geological Survey of Canada. Alfred R. C. Selwyn, Director, Rep. Prog. 1866-69, (Review of). *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, No. 1, pp. 60-89. Montreal. (Whole volume issued 1872.)

On the Bearing of Devonian Botany on questions as to the Origin and Extinction of Species. *Amer. Journ. Sci.* Vol. 2, 1871. pp. 410-416. New Haven, Conn.

On Sigillaria, Calamites and Calamodendron. Noticed anonymously in *Amer. Journ. Sci.*, 3rd series, Vol. 11, 1871, pp. 147-148. New Haven.

Some New Facts in Fossil Botany. *Geol. Mag.*, Vol. 8, 1871, pp. 236-237. London, Eng.

On Some New Tree-Ferns and Other Fossils from the Devonian. *Quart. Journ. Geol. Soc.*, Vol. 27, 1871, pp. 269-274. *Phil. Mag.*, Vol. 42, 1871, pp. 231-232. London.

1872.

Note by Dr. Dawson on the Fossil Plants referred to in Mr. Richardson's Report. *Geol. Sur. Can., Rep. of Prog. for 1871-72.* Appendix 1, p. 98, Montreal.

The Story of Earth and Man. 12mo. 420 pp. Stodder & Houghton, London, Eng. Dawson Bros., Montreal.

Footprints of Sauropus unguifer. (Illustrated) *Geol. Mag.*, Dec. No. Vol. 9, pp. 251-252, 1872, London, Eng.

Address to the Natural History Society of Montreal, 19th May, 1871. *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, 1872., pp. 1-9. Montreal.

Annual Address of the President of the Natural History Society of Montreal, May, 1872. *Can. Nat. & Quart. Journ. Sci.*, new series, Vol. 7, No. 1, pp. 1-11. 1873. Montreal.

On the Physical Geography of Prince Edward Island. *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, 1872, pp. 342-344. Montreal.

Notes on the Geology of Prince Edward Island, in the Gulf of St. Lawrence. *Geol. Mag.*, Vol. 9, 1872, pp. 203-209. London, Eng.

Note on Footprints from the Carboniferous of Nova Scotia in the collection of the Geological Survey of Canada. *Geol. Mag.*, Vol. 9, 1872, pp. 251-253. London, Eng.

Devonian and Lower Carboniferous Plants, (being a notice of Heer's "Fossil plants of Bear Island, Spitzbergen.") *Amer. Journ. Sci.*, 3rd series, Vol. 4, 1872, pp. 236-237. New Haven.

Fossil plants from Kamloops Lake, and Quesnel Mouth. (Palæontological notes by J. W. Dawson, in Selwyn's Report. *Geol. Sur. Can. Report of Progress, 1871-1872*, pp. 53-59. Montreal.

Ueber neue Baumfarne u. a. Fossilien aus dem Devon, Reviewed in *Neues Jahrbuch f. min. etc.*, pp. 109-110, 1872. Stuttgart.

The Post-pliocene Geology of Canada. *Can. Nat. & Quart. Journ. Sci.*, Vol. 6, No. 1, pp. 19-42, (1871). Part 2, *ibid*, No. 2, pp. 166-187, (1872) part 2 (continued), *ibid*, No. 3, pp. 241-259 with plate facing p. 241, 1872. Montreal.

Issued as separate svo., 112 pp., 1872. Montreal, under following title:

Notes on the Post-Pliocene Geology of Canada with special reference to the conditions of accumulation of the deposits and marine life of the period. svo., 112 pp., 7 pls., Montreal.

Geological Survey of Canada, A. R. C. Selwyn, Director. (Review of the Report of Progress from 1866-1869.) *Can. Nat. & Geol.*, new series. Vol. 6, pp. 60-89, 1872. Dawson Bros., Montreal.

Fossil plants of the Middle and Upper Coal formations (from various localities.) Report of progress *Geol. Surv. Can.*, 1870-71, pp. 214-216. Issued 1872. Montreal.

1873.

Note on a New *Sigillaria*, showing scars of fructification. Proc. Amer. Assoc. Adv. Sci., Vol. 22, 1873, pt. 2, pp. 75-76.

On the Geological Relations of the Iron Ores of Nova Scotia. Proc. Amer. Assoc. Adv. Sci., Vol. 22, 1873, pt. 2, pp. 138-146. Ibid. Can. Nat. & Quart. Journ. Sci. No. 3. Vol. 7, 1873, pp. 129-138. Montreal.

Impressions and Footprints of Aquatic Animals and Imitative Markings on Carboniferous Rocks. Amer. Journ. Sci., Vol. 5, 1873, pp. 16-24. New Haven, Conn. Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 2, pp. 65-74. Illustrated. Montreal.

Note on the Relations of the Supposed Carboniferous Plants of Bear Island with the Palæozoic flora of North America. Quart. Journ. Geol. Soc., Vol. 29, 1873, pp. 24-25. London, Eng.

The Story of the Earth and Man. (Illustrated.) 403 pp., Toronto, Copp, Clark & Co.; Montreal, Dawson Bros., 1873.

Fossil Woods of British Columbia. Bot. Jahresber, 1, 1873, No. 32.

Note on the Vindication of *Leptophleum rhombicum*, and *Lepidodendron Gaspianum*. Quart. Journ. Geol. Soc., Vol. 29, 1873, pp. 369-371. London, Eng.

American Lake Basins and Arctic Currents. Geol. Mag., Vol. 10, pp. 137-138. 1873. London.

Fossil Plants of the Lower Carboniferous and Millstone Grit Formations of Canada. Geol. Sur. Can., 47 pp., 10 pl. Montreal.

On a *Sigillaria* Showing Marks of Fructification. Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 3, p. 171. (Note.)

Notes on Prototaxites. Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 3, pp. 173-178. Montreal.

Remarks on Mr. Carruthers' views of Prototaxites, Monthly Microsc. Journ., Vol. 10, 1873, pp. 66-71. (Published as a separate pamphlet, 7 pp., August, 1873.)

On the Introduction of Genera and Species in Geological Time. Quart. Journ. Sci., Vol. 3, new series, 1873, pp. 363-366. London, Eng.

Note on *Eozoon Canadense*. (1871). Proc. Irish Acad., Vol. 1, 1873-74, pp. 117-123, 129-131. Dublin, Ireland.

Notes on the Fossil Plants collected by Mr. J. Richardson in 1872. Geol. Survey, Canada, Rep. of Progress for 1872-73, (Appendix I to Mr. Richardson's Report, pp. 66-71. (Plate. 1873. Montreal.

Abstract of same. Amer. Journ. Sci., ser. 3, Vol. 7, pp. 47-51, 1874. New Haven, Conn.

A Manual of Palæontology, by H. A. Nicholson (Review), Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 2, pp. 123-124. 1873. Montreal.

1874.

Note on Fossil Woods from British Columbia, collected by Mr. Richardson. Amer. Journ. Sci., Vol. 7, pp. 47-51, 1874. New Haven, Conn.

On the Upper Coal Formation of Eastern Nova Scotia and Prince Edward Island in its relation to the Permian. Quart. Journ. Geol. Soc., Vol. 30, pp. 209-219. 1874. London. Abstracts. (1) Can. Nat. & Quart. Journ. Sci., N. S., Vol. 7, pp. 303-304. 1875. (2) Amer. Journ. Sci., 3rd ser., Vol. 8, p. 401. 1874. (3) Geol. Mag., Vol. 1, pp. 281-282. 1874.

Annual address delivered by the President before the Natural History Society of Montreal. Can. Nat. & Quart. Journ. Sci., Vol. 7, No. 5, pp. 277-291. July 1874. Montreal.

*Eozoon Canadense*. Nature, Vol. 10, June 11, p. 102. 1874. London, Eng.

(Review of Dr. Dawson's paper on Silurian, Devonian, Carboniferous, and Permian plants from Canada.) Botanischer Jahresbericht. System. Geord. Repertorium der botanischen Liter, aller Länder, von Leopold-Just. Erster Jahrgang, (1873) pp. 426, 429, 430, 431, 435, 453. 1874. Berlin.

Note on a New *Sigillaria*, showing signs of fructification. Abstract, in Amer. Assoc. Adv. Sci., Proceedings, 22nd meeting Portland, 1873. pt. 2, pp. 75-76. 1874. Salem, Mass.

1875.

Geological Survey of Canada. Report of progress for 1873-74 (Review.) Can. Nat. & Quart. Journ. Sci., new series, 8vo, Vol. 7, pp. 415-421, 1875. Dawson Bros., Montreal.

Primitive Man. &c., Trans. Victoria Institute, Vol. 8, pp. 59-63, 1875. London, England.

Nature and the Bible. A course of lectures delivered in New York, in December, 1874, on the Norse foundation of the Union Theological Seminary. 257 pp. 1875. New York. Robert Carter & Bros.

Recollections of Sir Chas. Lyell. Being the annual presidential address of the Natural History Society of Montreal for 1875, delivered by Principal Dawson. 8 pp. (Issued as separate.)

The Dawn of Life. Being the History of the oldest known fossil remains and their relations to geological time and to the development of the Animal Kingdom. 239 pp. Dawson Bros., Montreal. Also published by Hodder & Stoughton, London, Eng. (1875), under title "Life's Dawn on Earth, etc.," 239 pp.

Origin and History of Life on our Planet. An address by Vice-President J. W. Dawson, before the Amer. Assoc. Adv. Sci. at Detroit, Mich., Aug. 1875. 26 pp. W. Drysdale & Co., Montreal, 1875. Amer. Nat., Vol. 9, pp. 529-552. 1875. Amer. Assoc. Adv. Sci., Proc., Vol. 24, part 2, pp. 3-26. 1875.

Address delivered before the Natural History Society of Montreal. May 18, 1874. Can. Nat. & Quart. Journ. Sci., Vol. 7, pp. 277-291. Montreal.

What do we know on the Origin and Life on our Planet? Vice-Presidential Address to the American Association, Natural History Section. Proc. Amer. Assoc. Adv. Sci., Vol. 24, pt. 2, pp. 3-26. 1875. Amer. Nat., Vol. 9, pp. 529-552,

On some new specimens of fossil Protozoa from Canada. Proc. Amer. Assoc. Adv. Sci., Vol. 24, pt. 2, pp. 100-105.

Carboniferous conifers of the United States. Amer. Journ. Sci., Vol. 10, pp. 301-302. New Haven, Conn.

Note on the Plants, collected by Mr. G. M. Dawson, from the Lignite Tertiary Deposits, near the forty-ninth parallel. Appendix A of "Report on the Geology and Resources of the Region in the vicinity of the forty-ninth parallel from the Lake of the Woods to the Rocky Mountains with lists of plants and animals collected, and notes on the fossils, by G. M. Dawson. pp. 327-331, Montreal, 1875.

1876.

On some new Fossil Protozoa from Canada. Proc. Amer. Assoc. Adv. Sci., Vol. 24, pt. 2, pp. 100-105. Mass.

New facts relating to *Eozoon Canadense*. Proc. Amer. Assoc. Adv. Sci., Vol. 25, pp. 231-234. Mass.

On the occurrence of *Eozoon* at Côte St. Pierre. Quart. Journ. Geol. Soc., Vol. 32, pp. 66-75. 4 woodcuts, Pl. 10, London, Eng.

Note on the Phosphates of the Laurentian and Cambrian Rocks of Canada. Quart. Journ. Geol. Soc., Vol. 32, pp. 282-285. 1876. London. Phil. Mag., Vol. 1, pp. 558-559. 1876. Can. Nat. & Quart. Journ. Sci., (new series), Vol. 8, pp. 162-170, 1878. Montreal.

*Eozoon Canadense* according to Hahn. Ann. & Mag. Nat. Hist., Vol. 17, pp. 29-38. 1876. London, Eng.

On Mr. Carter's Objections to *Eozoon*. (1875.) Ann. & Mag. Nat. Hist., Vol. 17, pp. 118-119. 1876. London, England.

Note on a specimen of Metadiabase from Connecticut Lake, supposed to be organic. *Amer. Journ. Sci.*, Vol. 12, p. 395. December, 1876. New Haven, Conn., U.S.A.

On a recent discovery of Carboniferous Batrachians in Nova Scotia. *Amer. Journ. Sci.*, Vol. 12, pp. 440-447, 1876. New Haven, Conn. Reprinted as separate pamphlet, pp. 1-8. New Haven.

Carboniferous Land Shells. *Nature*, Vol. 15, pp. 317. London, Eng.

Carboniferous Pulmonates. *Amer. Journ. Sci.*, 3rd series. Vol. 12, 1876. pp. 226-227, 1876. New Haven, Conn.

Remarks on a certain paper on Biblical interpretation and science. *Trans. Victoria Institute*. Vol. 9, pp. 173-175. 1876. London, Eng.

Fossil Agricultural Implements in America. *Trans. Victoria Institute*. Vol. 11, pp. 29-32, 1876. London, Eng.

## 1877.

Annual address to Natural History Society of Montreal; Pleistocene History. *Can. Nat. & Quart. Journ. Sci.* (new series), Vol. 8, No. 5, pp. 293-303. July, 1877. Montreal.

(Remarks on Geology of Belœil and vicinity.) *Can. Nat. & Quart. Journ. Sci.* (new series), Vol. 8, No. 5, pp. 286-288. July, Montreal.

Note on a Fossil Seal from the Leda Clay of the Ottawa Valley. (Read before the Natural History Society [Montreal], October 29th, 1877.) *Can. Nat. & Quart. Journ. Sci.*, (new series), Vol. 8, No. 5, pp. 340-341. 1877. Montreal. Pamphlet, 1 page, issued Oct., 1877. Montréal.

Lower Carboniferous Fishes of New Brunswick. *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, No. 6, pp. 337-340. Montreal. Published as separate, 4 pp. Montreal.

Fossil Agricultural Implements. A note on American Flint Hoes. By Principal Dawson. Separate 4 pp. (Read Feb. 5, 1877). (*Trans. Victoria Institute*.)

The Origin of the World, according to Revelation and Science. 438 pp. 1877. Dawson Bros. Montreal.

Plants from Quesnel (and) Plants from Blackwater. *Geol. Surv. Can. Report of Progress for 1875-1876*, pp. 259-260. In report of explorations in British Columbia by George M. Dawson. 1877. Montreal.

New Facts relating to Eozoon. *Amer. Assoc. Adv. Sci.*, pp. 231-234. Buffalo Meeting, 1876. (Printed at the Salem Press, Mass., 1877.) Philadelphia, Pa.

Notes on two Palæozoic Crustaceans from Nova Scotia and Anthrapalæmon (Palæocarabus) Hillianum, new sp. & Homalonotus Dawsoni, Hall.) *Geol. Mag.*, Dec. 2, Vol. 4, pp. 56-58. 1877. London.

Fossil Floras and Glacial Periods. *Nature*. Vol. 16., pp. 67-68. 1877. London.

The Earthquake of November 4, 1877. *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, No. 6, pp. 342-345, Dec. 1877. (Reprinted as separate, 4 pp. Montreal.) *Amer. Journ. Sci.*, Vol. 15, pp. 321-324, 1878. New Haven, Conn.

Grand'Eury on the Carboniferous Flora. (Being a review of Grand'Eury's *Flore Carbonifère du département de la Loire et du Centre de la France*.) Reviewed in *Amer. Journ. Sci.*, 3rd series. Vol. 13, pp. 222-226. 1877. New Haven, Conn.

Notes on a specimen of Diploxylon from the Coal formation of Nova Scotia. *Quart. Journ. Geol. Soc.*, Vol. 33, pp. 836-842. 1877. London, Eng. *Ann. & Mag. Nat. Hist.*, Vol. 20, pp. 152-153. 1877. London, Eng. *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, pp. 249-250. 1878. Montreal.

The so-called "Conflict of science and religion." *Popular Science Monthly*. Vol. 10, pp. 72-74, 1877. Appleton & Co., New York.

1878.

Notes on some Scottish Devonian plants. (Read before the Edinburgh Geological society, Edinburgh, December 20, 1877. D. Milne Hume, president in the chair.) *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, No. 7, pp. 379-389, pl. 4, 1878. Montreal. (Issued as separate pamphlet, 10 pp. with one plate.)

(Bibliography of John William Dawson.) Catalogue of Scientific papers (1864-73.) Compiled and published by the Royal Society of London, Vol. 7, pp. 497-499. London, Eng. (50 titles with references.)

Evolution and the apparition of Animal Forms. *Princeton Review*. Vol. 1, pp. 662-675. New York.

Presidential Address, Natural History Society, Montreal, held May 12, 1878. Includes biographical sketches of Dr. Philip Pearsall Carpenter, Prof. Charles Frederick Hartt, and Dr. John Bell. *Can. Nat. & Quart. Journ. Sci.*, Vol. 8, No. 8, pp. 445-450. 1878. Montreal.

Stromatopora as distinguished from Millepora. *Ann. & Mag. Nat. Hist.*, Vol. 2, pp. 28-30, 1878. London, Eng.

On the microscopic structure of Stromatoporidæ and on palæozoic fossils mineralized with silicates in illustration of Eozoon. *Quart. Journ. Geol. Soc.*, Vol. 35, pp. 48-66. pls. 3-5, 1878. London, Eng.

Supplement to the second edition of Acadian Geology, containing additional facts as to the geological structure, fossil remains, and mineral resources of Nova Scotia, New Brunswick, and Prince Edward Island. 102 pp. London. (Issued as separate paper.) Illustrated.

The present rights and duties of science. *Princeton Review*, Nov. 1878, pp. 674-696. Princeton, New Jersey. (Also printed separately.)

1879.

Genesis and migration of plants. *Princeton Review*, Vol. 3, pp. 277-294, 1879. New York. *Nature*, Vol. 20, pp. 257-258, 1879. London, Eng.

Points of contact between science and revelation. *Princeton Review*, Vol. 4, pp. 579-606. 1879. New York.

Moebius on Eozoon Canadense. *Amer. Journ. Sci. & Arts.*, Vol. 17, pp. 196-202, March, 1879. New Haven, Conn. *Can. Nat. & Quart. Journ. Sci.* Vol. 9, No. 2, pp. 105-112. June, 1879. Montreal.

Semi-metamorphic fossiliferous rocks containing serpentine. *Amer. Journ. Sci. & Arts.*, Ser. 3. Vol. 17, pp. 327-328, 1879. New Haven, Conn.

List of Tertiary Plants from localities in the southern part of British Columbia, with description of a new species of Equisetum. *Geol. Surv. Can. Report of Progress, 1877-78.* pp. 186B-187B. 1879. (Dawson Bros.) Montreal.

Remarks on recent papers on the geology of Nova Scotia. *Can. Nat. & Quart. Journ. Sci.*, Vol. 9, pp. 1-16, February, 1879. Montreal. Also issued as separate pamphlet. 16 pp. Montreal. 1879.

The Quebec Group of Sir Wm. Logan, &c. Annual Address of the President before the Natural History Society of Montreal, for May 19th, 1879. *Can. Nat. and Quart. Journ. Sc.*, Vol. 9, No. 3, pp. 165-180. 1879. (Issued as separate 15 pp.)

A Canadian Pterygotus, (*Pterygotus Canadensis*). *Can. Nat. & Quart. Journ. Sci.*, Vol. 9, No. 2, pp. 103-105. June, 1879. Montreal. Also issued as separate pamphlet. Montreal. 1879.

Note on recent controversies respecting Eozoon Canadense. *Can. Nat. & Quart. Journ. Sci.*, Vol. 9, No. 4, pp. 223-240, 1879. Montreal. Published as separate pamphlet. 12 pp. Montreal.

1880.

Lecture notes on geology and outline of the geology of Canada for the use of students, with figures of characteristic fossils. 96 pp. Dawson Bros. 1880. Montreal.

Haeckel on the Evolution of Man. Princeton Review. Vol. 5, pp. 444-464, 1880, New York.

Fossil men and their modern representatives. An attempt to illustrate the characters and conditions of pre-historic man in Europe by those of the American Races. 348 pp. Dawson Bros. Montreal.

Future of McGill University. Annual University lecture session, 1880. 19 pp. Montreal. (Bound with Dr. J. W. Dawson's "On the course of Collegiate education," Peter Redpath Library, Montreal.)

Notes on the limestones from the gneiss formation of Brazil. Amer. Journ. Sci., Ser. 3, Vol. 19, p. 326. 1880. New Haven, Conn.

Notes on fossil plants collected by Dr. Selwyn in the lignite Tertiary formation of Roches Percées, Souris river, Manitoba. Geol. Surv. Can. Report of Progress, 1879-80, Appendix 2, pp. 51A-55A. See also Can. Nat. & Quart. Journ. Sci., Vol. 9, No. 7, pp. 447-448, 1880. Montreal.

The chain of life in geological time. A sketch of the origin and succession of animals and plants, pp. 16 and 272, pp. 192 figures in the text and several landscapes. 8vo. London, 1880.

Revision of the land snails of the palæozoic era, with descriptions of new species. Amer. Journ. Sci. & Art., Vol. 20, pp. 403-415. Nov. 1880, New Haven, Conn.

New facts respecting the geological relations and fossil remains of the Silurian iron ores of Pictou, Nova Scotia. Read before the Nat. Hist. Soc., Montreal, April 5, 1880. Can. Nat. & Quart. Journ. Sci., Vol. 9, No. 6, pp. 332-344. Montreal. Abstract in Amer. Journ. Sci., 3rd series. Vol. 20, p. 241, 1880. New Haven. Published as separate pamphlet; 15 pp., April, 1880. Montreal.

Note on the geological relations of the fossil insects from the Devonian of New Brunswick. Boston Soc. Nat. Hist., Ann. Memoirs, pp. 31-41. (Included in "The Devonian insects of New Brunswick" by S.H. Scudder.) 1880. Boston.

1881.

Palæontological Notes: 1. A new species of *Piloceras*. 2. *Saccamina*? (*Calcisphæra*) *Eriana*. (An *Erian* rhizopod of uncertain affinities. 3. New Devonian plants from the Bay de Chaleur. Can. Nat. & Quart. Journ. Sci., Vol. 10, pp. 1-11, April, 1881. Montreal.

Notes on the new *Erian* (Devonian) plants. (1880.) Quart. Jour. Geol. Soc., Vol. 37, pp. 299-308. 2 pl. (12-13). London, Eng. Noticed by Steinmann in Bot. Centr. Bd. '8. pp. 171-172. (Abstract). Amer. Journ. Sci., 3rd series, Vol. 22, p. 233, 1881. (Abstract). Can. Nat. & Quart. Journ. Sci., Vol. 9, No. 8, pp. 475-476. March 17, 1891, Montreal.

Revision of the land snails of the Palæozoic era with descriptions of new species. Can. Nat. & Quart. Journ. Sci., Vol. 9, No. 8, pp. 449-463. March 1881. Montreal.

Continental and Island Life: (their present state and past history.) A review of Wallace, with reference to the bearing of geological facts and theories of evolution on the distribution of life. Princeton Review. Vol. 8, pp. 1-29. July, 1881. New York.

Note on specimens of *Ptilophyton* and associated fossils collected by Dr. H. S. Williams, in the Chemung shales of Ithaca, New York. (Abstract). Proc. Amer. Assoc. Adv. Sci., 30th meeting, Cincinnati, Vol. 30, p. 204, 1881. (Whole volume issued in 1882.)

Genesis and Modern Thought. Kansas City Review, 8vo. Vol. 4, pp. 170-175, 1881. Kansas City, Mo.



The Antiquity of Man and the origin of Species. Kansas City Review. 8vo., Vol. 4, pp. 530-536, 595-600, 1881. Kansas City, Mo.

The Future of McGill University. Annual University Lecture. Session 1880-1881. 19 pp., 1881. Montreal.

Geological features of Bible Lands. Kansas City Review, 8vo., Vol. 4, pp. 672-674. 1881, Kansas City, Mo.

The Oldest Known Insects. Nature. Vol. 24, pp. 483-484. 1881. London, Eng.

Note on Cretaceous fossil plants from the Peace River country. Geol. & Nat. Hist. Surv. Can., Report of progress for 1879-80. pp. 120B-122B, included in G. M. Dawson's Report on the exploration of the Northern part of British Columbia.

Note on Spirorbis contained in an ironstone nodule from Mazon Creek, with Millipede. Proc. Boston Soc. Hist. Vol. 21, pp. 157-158. March 2, 1881, Boston.

Note (by Dr. J. W. Dawson) on the structure of a specimen of Uphan-  
tænia, from the collection of the American museum of Natural History, New York City. Bull. Amer. Mus. Nat. Hist., No. 1, pp. 12-13, 1881, New York. Amer. Journ. Sci., Vol. 22, pp. 132-133, August, 1881, New Haven, Conn.

Note on a fern associated with Platephemera antiqua, Scudder. (Pecopteris serrulata, Hartt.) Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 2, pp. 102-104, December, 1881. Montreal.

Note on the geology of the Peace River region. Amer. Journ. Sci., Ser. 3, Vol. 21, pp. 391-394, 1881, New Haven, Conn.

Additional observations on the superficial geology of British Columbia and adjacent regions. Quart. Journ. Geol. Soc., Vol. 37, pp. 272-285, 1881. London, Eng. (Abstract). Phil. Mag. new series, Vol. 11, pp. 539-540, Edinburgh. Amer. Journ. Sci., ser. 3, Vol. 22, pp. 75-77. 1881. New Haven, Conn.

A fossil phyllopod Crustacean from the Quaternary Clays of Canada, in "General Notes," pp. 496-497. American Naturalist, June, 1881. Philadelphia.

## 1882.

On the result of recent explorations of erect trees containing reptilian remains in the coal formation of Nova Scotia. Roy. Soc. Proc., Vol. 33, No. 218, pp. 254-256, Jan. 1882, London, Eng. Issued as separate. pp. 1-3. Also in Can., Rec. Sc., Vol. 1, No. 4, pp. 252-254, June, 1882, Montreal.

Notes on Prototaxites and Pachytheca discovered by Dr. Hicks in the Denbighshire grits of Corwan, N. Wales. (1881). Quart. Journ. Geol., Soc., Vol. 38, pp. 102-107. 1882. London.

Recent discoveries in the Erian (Devonian) floras of the United States. Amer. Journ. Sci., Vol. 24, pp. 338-345. 1882. New Haven, Conn.

Facts and Fancies in Modern Science. 238 pp. American Baptist Publication Society, Philadelphia, Pa., 1882.

Comparative view of the successive Palæozoic floras of Canada. Proc. Amer. Assoc. Adv. Sci., Vol. 31, pp. 415-416, Aug. 1882. (Issued as separate.) Montreal.

Notes on Prototaxites and Pachytheca from the Denbighshire grits of Corween, North Wales. Geol. Mag., new series, Vol. 9, pp. 40-41, 1882, London.

Recent history of McGill University. Being the Annual University Lecture, 1882-1883. Montreal. 1882, 19 pp.

Communication on a paper by Dr. Southall on "Pliocene man." Trans. Victoria Institute, Vol. 15, pp. 205-208, 1882. London.

Report on the Peter Redpath Museum of McGill University. Prepared by Principal Dawson for the first meeting of the Museum Committee, March 11th, 1882. Can. Nat. & Quart. Journ. Sc., Vol. 10, No. 3, pp. 185-190, April, 1882. Montreal.

[Opening address of the President.] Proc. of the Royal Society of Canada, and Trans. Roy. Soc. Can., Vol. 1, pp. VI-XI, advance copies published 1882. Montreal.

The fossil plants of the Erian (Devonian) and Silurian formations of Canada. Geol. Sur. Can., Pt. 2, pp. 91-142. Montreal.

Notice of a Memoir on Glaciers and Icebergs in relation to climate by Dr. A. J. Von Wickoff in Proc. of the geologist society of Berlin, 1881. Review of. Can. Nat. & Quart. Journ. Science, Vol. 10, No. 3, pp. 181-184. Montreal. Issued as separate pamphlet, pp. 1-4.

The successive palæozoic floras of Canada. (Read before the Amer. Assoc. Adv. Sci. Montreal meeting, August, 1882.) Can. Nat. & Quart. Journ. Sci., N. S., Vol. 10, No 6, pp. 372-378. November, 1882. Montreal.

Evolution in education. Princeton Review, Vol. 9, pp. 233-248, 1882. Princeton, New Jersey.

## 1883.

On two Palæozoic Rhizocarps *Sporangites Braziliensis* and *S. bilobata*, a *Protosalvinia*. Paper read at a Minneapolis meeting Amer. Assoc. Adv. Sci., 1883, Amer. Nat., Vol. 17, p. 1168, Nov. 1883.

(The presidential address. Roy. Soc. Can. Proc. & Trans., Vol. 1, proceedings, pp. LII-LVII. 1883. Montreal.

On the Cretaceous and Tertiary flora of British Columbia and the Northwest territory. Trans. Roy. Soc. Can. Sect. 4, Vol. 1, pp. 15-34, 1883. Montreal.

The Quebec group. Appendix A (Life of Sir William E. Logan, Kt., by B. J. Harrington, B. A., Ph. D.), pp. 403-418. Dawson Bros. Montreal.

Canadian Pleistocene. Geol. Mag., Dec. 2, Vol. 10, No. 3, pp. 111-113; 1883, Dawson Bros., Montreal.

Annual Report of the McGill University, Montreal, for the year 1882. (Printed by permission of His Excellency the Governor-General, Visitor of the University.) 7 pp. (Signed by J. W. D., as Vice-Chancellor.)

On portions of the skeleton of a whale from gravel on the line of the Canadian Pacific railway, near Smith's Falls, Ontario. Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 7, pp. 385-387, March, 1883. Montreal. Amer. Journ. Sci., Vol. 25, pp. 200-202, 1883, New Haven, Conn.

Preliminary notice of new fossils from the Lower Carboniferous limestones of Nova Scotia and Newfoundland. Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 7, pp. 411-416, March, 1883, Montreal.

Notice of Graptolites of the Quebec Group, collected by Mr. James Richardson for the Peter Redpath Museum. Can. Nat. & Quart. Journ. Sci., Vol. 10, No. 8, pp. 461-463. July, 1883. Montreal.

On the geological relation and mode of preservation of *Eozöon Canadense*. Brit. Assoc. Report, 1883, p. 494, London.

Comparative view of the successive Palæozoic floras of Canada. (1882). Amer. Assoc. Adv. Sci., Proceedings, Minneapolis meeting, 29 pp. 1-29, 1883. Salem Press, Mass.

On Some Unsolved Problems in Geology. Nature, Vol. 28, pp. 449-455. 1883. London, Eng.

Impressions on Potsdam Sandstone. Science, Vol. 1, p. 177. 1883. New York.

Appendix to report on the Peter Redpath Museum of McGill University. No. 11, January, 1883, 22 pp. Montreal. (6 pp. prel. matter.) 1. On portions of the skeleton of a whale from gravel on the line of the Canadian Pacific railway near Smith's Falls, Ontario, pp. 7-9. 2. Preliminary notice of new fossils from the Lower Carboniferous limestone of Nova Scotia and Newfoundland, pp. 10-15. 3. Graptolites of the Quebec group, pp. 15-17. 4. Notice of collections. Logan memorial collection, pp. 18-20. January, 1883. Montreal.

The successive palæozoic floras of Canada. Comparative view of the successive palæozoic floras of Canada. Proc. Amer. Assoc. Adv. Sc., Vol. 31, pp. 415-416. 1883. Salem, Mass.

(Opening address of the president.) Royal Society of Canada Proceedings and Transactions. Vol. 1, pp. 6-11, published 1883. Montreal.

Some unsolved problems in geology. I. Popular Science Monthly, New York, D. Appleton & Co., 8vo., Vol. 23, pp. 827-837, 1883. Parts 1 and 2 also issued as separate from above, p. 827-837.

1884.

Notes on the geology of Egypt. Geol. Mag. (3), Vol. 1, pp. 385-388, 1884. Reviewed by Curich in Neues Jahrbuch f. Min. etc., 1888, Vol. 2, Heft 1, pp. 89-90.

Notes on the geology of the Nile Valley. (Note on the geology of Egypt.) Geol. Mag., London, Trübner & Co., 8vo., new series. Dec. 3, Vol. 1, 1884, pp. 289-292; 385-393; 439-442; 481-484. Issued also as separate.

Notes on pre-historic man in Egypt and the Lebanon. (Author's copy.) Read and distributed May 6, 1884, before Victoria Institute, London, Eng. 15 pp., 2 pls.

Observations on the geology of the line of the Canadian Pacific railway. Quart. Journ. Geol. Soc., London, Vol. 40, pp. 376-388, August, 1884, London, Eng. (Read April 23, 1884).

Address on some unsolved problems in geology. Amer. Assoc. Adv. Sci. Proc. 32nd meeting, Minneapolis, 1883. Separate, issued pp. 1-27, August, 1883. Salem. Whole volume issued 1884.

Notes on pre-historic man in Egypt and the Lebanon. (Read before meeting of Victoria Institute, May 6, 1884.) London, E. Stanford, 55 Charing Cross. Edinburgh, R. Grant & Son. Dublin, G. Herbert. Paris, Galigon & Co., 8vo., 1 pt. 15 pp. 3 pls. Discussion on same subject, pp. 9-12, Victoria Inst. Trans.

Notes on the geology of the Nile Valley. Geol. Mag., new series, Dec. 3, Vol. 1, pp. 289-292, July, 1884. London, Eng.

Notes on the Geology of Egypt. Geol. Mag., new series, Dec. 3, Vol. 1, pp. 385-393 439-442; 481-484; and p. 576, London, 1884.

On the more ancient land floras of the old and new worlds. Geol. Mag., new series Dec. 3, Vol. 1, pp. 469-470, Oct., 1884, London, Eng. Also abstract, Brit. Assoc. Adv. Sc., Report, Montreal meeting, 1884, pp. 238-239. Spottiswoode & Co., 1884. London, Eng.

Comparisons of the icebergs of Belle Isle with the glaciers of Mont Blanc, with reference to the boulder clay of Canada, pp. 1-14, Edinburgh.

On Rhizocarps in the Palaeozoic period. Abstract. 1883 meeting. Amer. Assoc. Sci. Proceedings. Vol. 32, pp. 260-264. 1884. Salem. Published as separate pamphlet, 8 pp. proof copy distributed at meeting.

Remarks on Sir G. Stoke's paper on the absence of opposition between science and revelation. Trans. Victoria Institute. Vol. 17, pp. 219-220. London, 1884.

Report on the Higher Education of Women. (Presented to the Corporation of McGill University, Oct., 1884.) 14 pp., Montreal, 1884.

The higher Education of Women in connection with McGill University. Pamphlet, 12 pp. Dec., 1884. Montreal. (Reprinted from Gazette.)

Annual University Lecture, Session 1884-85, 8 pp. (Gazette, Nov. 8, 1884, Montreal.)

Man in Nature. Princeton Review. Vol. 4 pp. 219-232. New York, 1885.

Report on the Peter Redpath Museum of McGill University, No. 3, January, 1884.

The late J. GWYN JEFFREYS, M.D., F.R.S. Can. Rec. Sci, Vol. 1, No. 2, pp. 121-122, 1884, Montreal.

1885.

On the Mesozoic floras of the Rocky Mountain region of Canada. *Trans. Roy. Soc. Can.*, Vol. 3, Sect. IV, pp. 1-22, 1885. Montreal. (Whole volume issued 1886.)

Ancient Insects and Scorpions. *Can. Rec. Sci.*, Vol. 1, No. 4, pp. 207-208, 1885, Montreal.

Mesozoic floras, Rocky Mountain region of Canada. (Abstract of a paper read before the Royal Society of Canada, May, 1885.) *Can. Rec. Sci.*, Vol. 1, No. 3, pp. 141-143, 1888, Montreal.

Canadian and Scottish Geology. (An address delivered May 26th, 1884, before the Edinburgh Geological Society at the close of the session, 1883-4.) *Trans. Edinb. Geol. Soc.*, Vol. 5, pp. 112-122, 1885, Edinburgh. Reprinted as separate, 11 pp. (pp. 1-11.)

Egypt and Syria, their physical features in relation to Bible History. (By-paths of Bible Knowledge series.) No. 6, 192 pp. Publishers, The Religious Tract Society, London, Eng. (Printed in Oxford, 1885.)

Notes on pre-historic man in Egypt and the Lebanon. *Trans. Victoria Institute*, Vol. 18, pp. 287-313, 1885, London.

A modern type of plant in the Cretaceous. *Science*. Vol. 5, (June 26, 1885), pp. 531-532.

Notes on the Geology and Fossil Floras of Prince Edward Island. By J. W. D. and Francis Bain. Communicated to the Royal Society of Canada at its meeting in Ottawa, May, 1885. *Can. Rec. Sci.* Vol. 1, No. 3, July, 1885, pp. 154-161. (J. W. D., pp. 156-161.) (Illustrated.) (Issued as separate, Montreal.)

The Chain of Life in Geological Time. A sketch of the succession of animals and plants. (Illustrated.) 2nd revised edition, 1885, London. 3rd and revised edition, with numerous illustrations, 1888. London.

Appendix to Modern Science in Bible Lands, with map. pp. 537-599. *Special Notes on the Geology of Egypt and Palestine.* (Hodder & Stoughton, London, Eng.) 1885?

The Cretaceous Floras of Canada. *Nature*, Nov. 12, 1885, pp. 32-34. (From advance sheets of *Trans. Roy. Soc. Can.*)

Guide to Visitors to the Peter Redpath Museum of McGill University. 14 pp., 1885. Montreal.

On some relations of geological work in Canada and the Old World. *Trans. Roy. Soc. Can.*, Vol. 2, Sect. 4, Art. 1, pp. 1-5. (Read May 27th, 1884.) Montreal.

1886.

The origin of the world, according to revelation and science. 4th edition with corrections and additions. Hodder & Stoughton, 27 Paternoster Row, 1886, 8vo. 439 pp. 2 pls. London.

On Rhizocarps in the Erian (Devonian) Period in America. *Bull. Chicago Acad. of Sci.*, Vol. 1, No. 9, 13 pp., 1 pl., 8vo., pp. 105-118. Reviewed by Weiss in *N. Jahr. f. Min.*, etc., 1888, Vol. 1, Heft 3, p. 478.

On Canadian examples of supposed fossil algæ. *Geol. Mag.*, new series, Dec. 3, Vol. 3, pp. 503-504, 1886. Also ref. 56th meeting *Brit. Assoc. Adv. Sci.*, 1, pp. 551-553, 1887. London.

On the fossil floras of the Laramie series of Western Canada, *Amer. Nat.*, Vol. 20, pp. 157-158, Feb., 1886. (Philadelphia, July, 1886.) *Amer. Journ. Sci.*, 3rd series, Vol. 32 1886, pp. 242-243. New Haven, Conn.

Notes on the Geological Relations of Rocks from Assouan and its neighbourhood. *Geol. Mag.*, March, 1886. Dec. 3, Vol. 3, No. 3, pp. 101-103 March, 1886. Montreal.

Notes on Pleistocene Fossils from Anticosti. *Can. Rec. Sci.*, Vol. 2, No. 1, pp. 44-48. Jan., 1886, Montreal. (Issued as separate.) By J. D. W. & Lt.-Col. C. C. Grant.)

Address of the president, Sir William Dawson, at the Association of Protestant Teachers of the Province of Quebec, Montreal Meeting, 1886. 12 pp. 1886. Montreal.

The Geological History of the North Atlantic, *British Assoc. Adv. Sci.*, Birmingham meeting, Sept., 1886. 50 pp., 8vo., Montreal, 1886, separate.

The Fossil Plants of the Erian (Devonian) and Upper Silurian formations of Canada. Pt. 2, 1882 Montreal. Reviewed by Weiss in *Neues Jahrbuch f. Min. &c.*, 1886, Vol. 1, Heft. 1. pp. 131-133.

Handbook of Zoology, with examples from Canadian species, recent and fossil. By Sir J. William Dawson. 3rd edition, revised and enlarged. Montreal, Dawson Bros., 1886. 304 pp. & 19 plates.

Notes on Boulder Drift and Sea Margins at Little Metis, Lower St. Lawrence. *Can. Rec. Sci.*, Vol. 2, No. 1, pp. 36-38, 1886. Montreal.

"Presidential Address before the British Association for the Advancement of Science, Sept., 1886." *Can. Rec. Sc.*, Vol. 2, No. 4, pp. 201-208; Vol. 2, No. 5 (concluded), pp. 265-285, 1886, Montreal.

"Recent Discussions of the first chapter of Genesis." *The Expositor*, 3rd series, No. 16, pp. 284-301, April, 1886. London, Eng., Hodder and Stoughton.

Cretaceous Floras of the North West. *Can. Rec. Sc.*, Vol. 2, No. 1, pp. 1-9, 1886, Montreal. (Summary of paper.)

Cretaceous of Northwestern Canada. *Amer. Journ. Sc.*, 3rd series, Vol. 31, p. 155. Feb., 1886. New Haven, Conn.

## 1887.

The university in relation to professional education; being the annual university lecture. 1887-8. 12 pp., 1887, Montreal.

Relation of McGill University to legal education. Letter to Montreal Gazette. April 19, 1887. 4 pp. Montreal. (Issued in pamphlet form.)

The Story of the Earth and Man. 9th edition, 8vo, pp. xii + 411. 1887, London. (General work with numerous illustrations.)

Fossil wood from the Western Territories of Canada. *Nature*, Vol. 36, No. 925, pp. 274-275. 1887, London. *Can. Rec. Sci.*, Vol. 2, No. 8, pp. 499-502, 1887, Montreal.

Address of President. *Brit. Assoc. Adv. Sci.*, 56th meeting, Birmingham, 1886, pp. 1-36, London.

Presidential Address: Some points in which American Geological Science is indebted to Canada. *Trans. Roy. Soc. Can.*, Vol. 4, Sect. 4, pp. 1-8. (Read May 26th, 1886.) 1887. Montreal.

On the fossils of the Laramie formation of Canada. *Trans. Roy. Soc. Can.*, Vol. 4, Sect. 4, pp. 19-34. (Read May 27th, 1886.) Whole volume issued Montreal, 1887.

Gold, Bedolah and Shoham Stone. A geographical and mineralogical study of Genesis 2, vv. 10-14. *The Expositor*, No. 27, 201-215, March, 1887.

## 1888.

Note on new facts relating to *Eozoon Canadense*. *Geol. Mag.*, Dec. 3. Vol. 5, No. 2, pp. 49-54, Feb., 1888. Plate VI. London, Eng.

The Constitution of McGill University. Being the annual university lecture of the session 1888-1889. 11 pp. Rep. from Gazette, Montreal, Nov. 16, 1888.

On the Correlation of the geological structure of the Maritime Provinces of Canada with that of Western Europe. Abstract. Ex. Can. Rec. Sci., Vol. 2, No. 7, July, 1887, pp. 404-406. Montreal.

Preliminary note on new species of sponges from the Quebec Group at Little Metis. Can. Rec. Sci., Vol. 3, No. 2, pp. 49-59, 1888. One plate. Montreal.

Peter Redpath Museum, McGill University, Montreal, Notes on Specimens, April, 1888, pp. 49-59 (by J. W. D.)

On specimens of Eozoon Canadense and their geological and other relations. Peter Redpath Museum, McGill University, Montreal. Notes on Specimens, 1888 (106 pages, plus 1, illustrated.)

The Geological History of Plants. International Scientific Series, Vol. 61 (with illustrations), 294 pp. Appleton & Co., 1888, New York. (Note to Chap. 2 on Prototaxites by Prof. Penhallow, pp. 42-44. Many woodcuts, some n. sp.) Reviewed by F. H. Knowlton in (1.) Public Opinion, Vol. 4, No. 47, pp. 514-515. (2.) Bot. Gazette, Vol. 13, No. 6, June, 1888, pp. 167-168. Also reviewed in (3.) Appleton's Literary Bull., N. Y. City, July, 1888, pp. 17-18. (4.) Science, Vol. 11, No. 273, April, 1888, p. 203. New York City.

Review of the Geological History of Plants by Sir J. William Dawson. (The Bot. Gazette, Vol. 13, No. 6); (Hanover N. W. Bot. Gazette, 1888), 8vo. pp. 167-168.

On the Mesozoic floras of the Rocky Mountain Region of Canada. Review in Neues Jahrbuch, f. Min. Geol. Pal., 1888, Vol. 1, Heft. 3, p. 480.

Remarks on a paper on Caves, by Prof. Hughes, F. R. S. Trans. Victoria Institute, Vol. 21, pp. 97-98, 1888, London.

Remarks on a paper on Evolution. Trans. Victoria Institute, Vol. 21, p. 299, 1888, London.

Note on fossil wood and other plant remains from the Cretaceous and Laramie formations of the Western formations of Canada. Trans. Roy. Soc. Can., Vol. 5, Sect. 4, Art. 3, pp. 31-37, 1888, Montreal.

(On the use of the term "Taconic") International Congress of Geology, American committee reports B. p. 17, 1888. Also American Geologist, Vol. 2, p. 207, 1888, Minneapolis.

(On nomenclature, sub-divisions, characteristics, evidences of life, origin of some members of the Archæan, origin of serpentines, classification of Archæan eruptives, and nomenclature of Lower Palæozoic.) Intern. Congr. Geol. Amer. Com. Reports, 1888, 1. p. 71, 1888.

On the Eozoic and Palæozoic rocks of the Atlantic coast of Canada, in comparison with those of Western Europe, and the interior of America. Quart. Journ. Geol. Soc., Vol. 44, pp. 797-817, 1888, London. Also in Proc. Geol. Soc., London, for May 23rd, 1888, with discussion. Abstracts. Geol. Mag., Dec. 3, Vol. 5, pp. 331-332, 1888, London. Can. Rec. Sci., Vol. 3, No. 3, pp. 182-183, Vol. 4, No. 4, 230-231 (being duplicate of abstract on page 182-183, without discussion), 1888, Montreal. Nature, Vol. 38, p. 142, London. Popular Science Monthly, Vol. 36, p. 267, 1889.

Modern Science in Bible Lands. With maps and illustrations. 606 pp. Dawson Bros., 1888, Montreal. Hodder & Stoughton, London.

The historical deluge in its relation to scientific discovery and to present day questions, with appendix. Present Day tracts. 56 pp. The Religious Tract Society, London, Eng. No. 76, 1888.

The Earliest plants. (From geological history of plants.) Popular Science Monthly, Vol. 32, No. 6, April, 1888, pp. 787-795. 6 woodcuts.

Cretaceous floras of the Northwest Territories of Canada. Amer. Nat., Vol. 22, pp. 953-959, 1888. Read before Roy. Soc. Can., May, 1888.

Sponges from Little Metis, Province of Quebec, Canada. Can. Rec. Sc., Vol. 3, pp. 49-59, Montreal. (By J. W. Dawson and G. J. Hinde.)

New species of fossil sponges from Little Metis, Province of Quebec, Canada. (Bulletin Peter Redpath Museum of McGill University, 1888. Montreal.) (J. W. Dawson and G. J. Hinde.)

1889.

Modern Science in Bible Lands, with maps and illustrations. New York, Harper Bros. 1889, 12mo, Vol. 15, 606 pp. 1 1 including 12 pls. 1 map.

Ueber Einige devonische Pflanzen. (Z. D. G. G. Forme 41, pp. 553-664.)

Thoughts on Hospital Site. Letters to the Montreal Gazette, by an On-looker. 16 pp., 1889, Montreal.

Educated Women, an address before the Delta Sigma Society of McGill University, 14 pp. 1889, Montreal. (Bound with paper On the Course of Collegiate Education, 1885, in Peter Redpath Library.)

Note on Fossil Wood and other Plant Remains from the Cretaceous and Laramie formations of the western Territories of Canada. Reviewed in Amer. Geol. Vol. 1, No. 3, March, 1888, pp. 195-197. Reviewed by Knowlton in Bot. Gazette, Vol. 13, No. 6, 1888, p. 66.

Discipline in American Colleges. North American Review. July, 1889, pp. 22-26.

Genesis and some of its critics. The Contemporary Review. June, 1889, pp. 900-909.

A new Erian (Devonian) Plant allied to Cordaites. Amer. Journ. Sci., Vol. 38, July 1889. (Issued as separate 3 pp.)

Inauguration of Sir Donald A. Smith, K.C.M.G., LL.D., as Chancellor, and Annual Address by the Principal. pp. 13-21. Montreal. 1889.

Note on Balanus Hameri in the Pleistocene of Rivière Beaudette, and on the occurrence of peculiar varieties of the Mya arenaria and M. truncata in the modern sea, and in the Pleistocene. Can. Rec. Sci., Vol. 3, No. 5, pp. 287-292. 1889. Montreal.

On fossil sponges from beds of the Quebec Group of Sir Wm. Logan at Little Metis. Can. Rec. Sc., Vol. 3, No. 7, p. 429-430. 1889. Montreal. Reviewed in Ottawa Naturalist, Vol. 3, 1889. (Ami.) Ottawa.

Handbook of Geology for the use of Canadian Students. 250 pp. Dawson Bros., Montreal.

Saccamina Eriana (Communicated). Amer. Journ. Sci., Vol. 37, p. 318. April, 1889, New Haven, Conn.

Introductory Notes. (On Nematophyton and allied forms from the Devonian (Erian) of Gaspé and Baie de Chaleur by D. P. Penhallow.) Trans. Roy. Soc. Can., Vol. 6, Sect. 4, Art. 3, pp. 27-36, pl. 1 & 2. (Read May 25th, 1888.) Whole volume issued 1889. Montreal.

On Cretaceous Plants from Port McNeill, Vancouver Island (By J. W. D. and Dr. G. M. Dawson.) Trans. Roy. Soc. Can., Vol. 6, Sect. 4, pp. 71-72. Montreal (Abstract of same by J. W. Dawson in Can. Rec. Sci., Vol. 3, No. 3, p. 167. 1888. Montreal.)

Fossil Rhizocarps. Nature, Vol. XLI., p. 10, Nov. 7, 1889.

Determinations of Fossil Plants from Rink Rapids, Lewis Valley, Yukon district, collected by Dr. G. M. Dawson in 1887. (Note.) Geol. and Nat. Hist. Sur. Can. (Annual Report), Vol. 3, Pt. 1, pp. 146B, 147B, 149B. Montreal.

Supplementary note to a paper on the Rocks of the Atlantic Coast of Canada. Quart. Journ. Geol. Soc., Vol. 45, Pt. 3, No. 179, p. 80. August, 1899. London.

1890.

Nature as an Educator. Annual Presidential Address before the Nat. Hist. Soc. of Montreal. The Canadian Record of Sci., July, 1890, Montreal, 8vo. pp. 171-182. Montreal. (Reprinted as separate.)

Memoranda prepared for the information of the Board of Governors, Dec. 3, 1880, 8 pp. Montreal, 1890. (Bound with Dawson's On the Course of Collegiate Education, 1885, in Peter Redpath Library.)

On certain Devonian Plants from Scotland. *Nature*, Vol. 41, No. 23, p. 537, April 10, 1890, London. Reprinted as separate. 4 pp. under name "On the Plants of the Lower Devonian of Perthshire." Review of same in *Amer. Geol.*, Vol. 6, No. 1, p. 56, July, 1890. Minneapolis, Minn.

Note on the geological relations of the fossil plants from the Devonian of New Brunswick. In Scudder's Monograph: "The Fossil Insects of North America," with notes of some European species. pp. 186-193. 1890.

On certain remarkable new fossil plants from the Erian and Carboniferous and on the characters and affinities of Palæozoic gymnosperms. *Abstract Proc. Amer. Assoc. Adv. Sci.*, 38th (Toronto) meeting, 1889, published 1890.

On burrows and tracks of Invertebrate animals in Palæozoic rocks and other markings. *Quart. Journ. Geol. Soc.*, Vol. 46. pp. 595-617. Discussion on same, p. 618. 1890. London, Eng. Reviewed by Pamer in *Amer. Journ. Sci.* (3), Vol. 41, pp. 245-246. 1891. Abstract in *Can. Rec. Sci.*, Vol. 4, No. 4, pp. 234-235, 1890, Montreal. (Abstract) *Geol. Mag.*, No. 312, pp. 286-287, June, 1890, London, Eng.

On new plants from the Erian and Carboniferous and on the characters and affinities of Palæozoic Gymnosperms. Peter Redpath Museum McGill University, Montreal, Note on specimens, 1890, 28 pp. Reprinted from *Can. Rec. Sci.*, Vol. 4, No. 1, Jan., 1890, pp. 1-28.) Montreal.

On fossil plants collected by Mr. R. G. McConnell, on Mackenzie River and by Mr. T. C. Weston, on Bow River. *Trans. Roy. Soc. Can.*, Vol. 7, Sect. 4, Art. V., pp. 69-74, pls. 10-11. 1890, Montreal.

Paper by Sir William Dawson on plants collected by R. G. McConnell on Mackenzie River. *Trans. Roy. Soc. Can.*, vol. VII. Reviewed by L. F. Ward in *Am. Jour. Sci.* (3), 39 Vol., p. 406, (Excerpt) 1890.

Note on a Fossil Fish and Marine Worm, found in the Pleistocene nodules of Green's Creek on the Ottawa. *Canadian Rec. Sci.*, Vol. 4, No. 2, pp. 86-88. N. H. S. Montreal. April, 1890.

The Quebec Group of Logan. *Canadian Rec. Sci.*, Vol. 4, No. 3, pp. 133-134. July, 1890; N. H. S. Montreal. (Issued as separate.)

On new species of fossil Sponges from the Silurian-Cambrian at Little Metis, on the lower St. Lawrence. (Including notes on specimens by Dr. G. J. Hinde, F.G.S.) *Trans. Roy. Soc. Can.*, Vol. 7, Sect. 4, pp. 31-55. 1890. Montreal.

On the Pleistocene Flora of Canada 1. Geology of the Deposits (Dawson). 2. Note on the Pleistocene plants (Penhallow). *Bull. Geol. Soc. Amer.*, Vol. 1, pp. 311-334. 1890. Rochester, N.Y. (Conjointly with Prof. D. P. Penhallow.)

Modern Ideas in Evolution as related to Revelation and Science. 244 pp. Religious Tract Society. London, Eng.

## 1891.

Note on *Hylonomus Lyelli*. With photographic reproduction of skeleton. Plate 8. *Geol. Mag.*, Dec. 3, Vol. 8, No. 324, pp. 258-259. June 1891, pl. 8, London, Eng.

On new specimens of *Dendroperon Acadianum*, with remarks on other Carboniferous amphibians. *Geol. Mag.*, Dec. 3, Vol. 8, No. 324, pp. 145-156. Illustrated. London. (Issued as separate, April, 1891.)

Note on specimens of fossil wood from the Erian (Devonian) of New York and Kentucky. (By J. W. D. and Prof. D. P. Penhallow.) *Can. Rec. Sci.*, Vol. 4, Jan., 1891, pp. 242-247. Pl. 1, figs. 1-4. Montreal.

Note on a Shark and Ray obtained at Little Metis in the Lower St. Lawrence. Plate 4. *Ex. Can. Rec. Sci.*, April, 1891. pp. 303-309. Montreal.

The Canadian Student. Annual University Lecture, McGill University Lecture, Session 1891-92. 8 pp. Montreal.

Nature and Revelation as related to each other. *Ex. Homiletic Review*, Jan., 1891. Also in *Public Opinion*, Dec., 1891.



(Bibliography of (Sir) William Dawson.) Catalogue and Index of contributors to North American Geology, 1732-1891, Darton, Bull. U. S. A. Geol. Surv., No. 127, pp. 234-330, 1891, Washington.

Supplementary note to the fourth Edition, 1891. The Geology of Nova Scotia, New Brunswick and Prince Edward Island, or Acadian Geology. By Sir J. William Dawson, LL.D. Fourth edition with a map, illustrations and two supplements. London, Macmillan & Co.; Edinburgh, Oliver & Boyd; Montreal, Dawson Bros.; Halifax, A. & W. MacMillan; New York, Van Nostrand. 1891. 8vo. 14 (2), 27, 694, 103, 37 pp., including 22 pts., 11 pls. Supplements are those to second edition, 1878, and 4th edition, 1891. (1 map.)

(Bibliography of Sir John William Dawson.) Catalogue of Scientific Papers (1874-1883). Compiled by the Royal Society of London, Vol. 9, pp. 653-654 (44 titles with references). Cambridge University Press Warehouse, London, 1891.

Carboniferous fossils from Newfoundland. Bull. Geol. Soc. Amer., Vol. 2, pp. 529-540. Plates 21 and 22, May 27th, 1891 Rochester N.Y.

On Fossil plants from the Similkameen Valley and other places in the southern interior of British Columbia. Trans. Roy. Soc. Can., Vol. 3, Sect. 4, Art. 2, read May 28th, 1890, pp. 75-91. 32 figures, Montreal. Read before the Royal Society, May, 1890, and under cover issued as separate, 1891.

(The age of the Catskill Flora.) Amer. Geol., Vol. 7, p. 363. 1891. Minneapolis.

1892.

Note on fossil sponges from the Quebec group (Lower Cambro-Silurian) at Little Metis, Canada. Bull. Geol. Soc. Amer., pp. 409-410. Vol. 4, 1892. Rochester, N.Y.

Supplementary report on Explorations of erect trees containing animal remains in the Coal Formation of Nova Scotia. Reviewed April 25, 1892. Proc. Roy. Soc., Vol. 54, pp. 4-5, 1892, London.

Modern Science in Bible Lands. With maps and illustrations. Popular edition revised. Hodder & Stoughton, London, 400 pp.

Memoranda and statement relating to benefactors, exemptions and free tuitions to theological students in McGill University. Montreal, 1892. 8 pp.

Remarks on a paper by Mr. Rassam, on the Garden of Eden locality. Trans. Victoria Institute. Vol. 25, p. 127, 1892. London.

On mode of occurrence of remains of land animals in erect trees at the South Joggins, Nova Scotia. Trans. Roy. Soc. Can., Vol. 9, Sect. 4 (Read May 29th 1891), pp. 127-128. 1892, Montreal.

*Parca decipiens*. Notes on specimens from the collection of James Reid, Esq., of Allan House, Blairrowrie, Scotland. Part 1. Historical and Geological Trans. Roy. Soc. Can., Vol. 9, Sect. 4 (1899), pp. 3-8. Whole volume issued 1892. Montreal.

THOMAS STERRY HUNT, LL.D., F.R.S. ("By Sir J. W. Dawson.") Can. Rec. Sc., Vol. 5, No 3, pp. 145-149, with portrait. 1892. Montreal.

1893.

Geological Notes. Ex. Can. Rec. Sci., July, 1893. p. 386-393. Montreal. (J. W. D. Preliminary note on recent (Jan., 1894) specimens of Batrachians and other air-breathers in the coal formation of Nova Scotia. Ex. Can. Sci., 7 pp. (Separate.) Jan., 1894.

Some salient points in the science of the earth. 499 pages, 46 illustrations. Hodder & Stoughton, 27 Paternoster Row, London. 1893.

Notes on ornamental stones of Ancient Egypt. Trans. Victoria Institute. Vol. 26, pp. 265-282, 1893. London.

Causes of climatic changes. Trans. Victoria Institute. Vol. 26, pp. 289-291 1893. London.

The Canadian Ice Age, being notes on the pleistocene geology of Canada with special reference to the life of the period, and its climatic conditions. 301 pp. pl. 8vo. Bulletin Peter Radpath Museum, McGill University, Montreal. William V. Dawson. 1893.

Thirty-eight years of McGill, being the Annual University Lecture, 1893-4. 12 pp. 1893. Montreal. (Reprinted from Montreal Medical Journal, 1894.)

The late DR. JOHN STRONG NEWBERRY. Can. Rec. Sci., Vol. 5, No. 6, p. 340, 8vo 1893. Montreal.

(Fossil plants from Nanaimo and the Queen Charlotte Islands.) Paper read at 12th annual meeting, Roy. Soc. Can., May 22-25, 1893. Reported in Science, June 9th, 1893, p. 315.

The origin of the world according to Revelation and Science. (6th edition.) Hodder & Stoughton, London, 1893. 452 pp.

The study of fossil plants. Bull. Geol. Soc. Amer., Vol. 5, pp. 2-5, 1893. Rochester.

Loyalty. A letter to McGill students from the Principal. Separate pamphlet, 4 pp. Montreal. 1893.

Some salient points in the science of the earth. 499 pp. W. Drysdale & Co., Montreal.

On the Correlation of early Cretaceous Floras in Canada, and the United States, and on some plants of the period. Trans. Roy. Soc. Can., Vol. 10, Sect. 4 (Read June 2, 1892), pp. 79-93, whole volume issued 1893. Ottawa.

Note on Fossil Sponges from the Quebec Group (lower Cambro-Silurian) at Little Metis, Canada. Bull. Geol. Soc. Amer., Vol. 4, pp. 409-410, September, 1893. Rochester.

## 1894.

Some Salient Points in the Science of the Earth. With 46 illustrations. 12mo. 5 pl. 496 pp. incl. 30 pl. Harper Bros. 1894, New York.

The Canadian Ice Age, being notes on the Pleistocene Geology of Canada with especial reference to the life of the period, and its climatic conditions. Montreal. William V. Dawson; New York & London, The Scientific Publishing Company, 1894. 8vo. (11) 301 pp., 6 pls.

Fossil Plants of Canada and tests of climate, &c. Natural Science, Vol. 4, 177-182. 1894.

Thoughts on an Ideal College for Women. (An address delivered before the Delta Sigma Society of McGill University, Dec. 13th, 1894.) 16 pp. 1894. Montreal.

Remarks on Prestwich's paper, "Causes for the Origin of the Tradition of the Flood." Trans. Victoria Institute, Vol. 27, p. 285, 1894. London.

Note on the genus Naiadites as occurring in the coal formation of Nova Scotia, with an appendix by Wheelton Hind, M.D., etc., Quart. Journ. Geol. Soc., Aug. 1894. Vol. 50. Pl. 20, pp. 435-442. London, Eng.

Bivalve Mollusks of the Coal formation of Nova Scotia. Can. Rec. Sci., Oct., 1894. 18 pp. separate, illustrated.

Our record of Canadian Earthquakes. Ex. Can. Rec. Sci., Jan., 1894. pp. 8-16. Montreal.

Note on a paper on "Eozoonal structure of the ejected blocks of Monte Somma." (Publication not indicated.) 4 pp. March, 1894. Montreal.

On new species of Cretaceous plants from Vancouver Island. Trans. Roy. Soc. Can., Vol. 11, Sect. 4 (Read May 25, 1893), pp. 53-73, pl. 5-14, issued 1894. Ottawa.

PETER REDPATH, Governor and Benefactor of McGill University and Founder of the Museum, Library and Chair of Mathematics which bear his name, with historical sketch of the Peter Redpath Museum. 39 pp. For the University. "Witness" Printing House, Montreal.

Revision of the bivalve mollusks of the Coal formation of Nova Scotia. Peter Redpath Museum Bulletin. Notes on Specimens. pp. 1-18. Montreal.)

- (Biographical sketch of John William Dawson.) The Century Cyclopædia of Names, by Benjamin E. Smith, p. 312. The Century Co., New York, 1894.
- The Meeting Place of Geology and History. 223 pp. Fleming H. Revell Company, New York, Chicago, Toronto.

1895.

Review of the evidence for the animal nature of *Eozoon Canadense*. Geol. Mag., Dec. 4, Vol. 2, Oct.-Nov., Dec., 1895. 17 pp. (Issued as separate.)

The Natural and the Spiritual as presented to us in Science and Revelation. (For private circulation.) Reprinted in pamphlet form by "Christian Work." 12 pp.

(Bibliography of Sir William Dawson.) Bibliography of the members of the Royal Society of Canada by Sir John George Bourinot. Proc. Roy. Soc. Can., Vol. 12, pp. 27-30. Whole volume issued in 1895. Montreal.

Obituary. GASTON MARQUIS DE SAVORNA. Can. Rec. Sci., April, 1895, pp. 1-3, 8vo. (Reprint from Author.) Vol. 6, No. 9, pp. 367-369. 1895, April.

Note on a specimen of Beluga Catodon from the Leda Clay, Montreal. Can. Rec. Sci., Vol. 6, No. 6, pp. 351-354. April, 1895. Montreal.

Note on a paper on "Eozoonal Structure of the Ejected Blocks of Monte Somma." (Publication not indicated.) 4 pp. March, 1895. Montreal.

Synopsis of the Air-breathing animals of the Palæozoic in Canada up to 1894. Trans. Roy. Soc. Can., Vol. 12, Sect. 4, Art. 5. (Read May 23rd, 1894.) pp. 71-88. Ottawa,

A walk in a Coal Forest. *Coal Trade Journal*, March, 1895.

1896.

The Primeval Flora. (A lecture given in 1868 by Dawson, in New York.) Nat. Sci. News, Vol. 2, No. 8, 1896. pp. 29-32 March 21, 1896.

JAMES MCGILL and the origin of his university, with engraving, Montreal. 14 pp. (Condensed from papers in Barnard's American Journal of Education, 1859, and the Dominion Monthly, 1870.) Bound with Dawson's On the Course of Collegiate Education, 1855.) 1896.

Science as the handmaid of religion. Evangelical Christendom. Vol. 50, No. 598, new series, Vol. 37, Oct. 1896. pp. 303-305.

Pre-Cambrian fossils, especially in Canada. (Read in Geol. Sect. British Association, Liverpool meeting, Sept., 1896.) Can. Rec. Sci., July, 1896. pp. 157-162. Montreal.

Science the ally of Religion. Substance of an address at the Jubilee Conference of the Evangelical Alliance, Mildmay Park, London, July 1, 1896. 8 pp. (Montreal.)

Eden Lost and Won. 226 pp. Fleming H. Revell Co., New York, Chicago and Toronto. 1896.

1897.

On the Genus *Lepidophloios* as illustrated by specimens from the Coal formation of Nova Scotia and New Brunswick. Proc. Roy. Soc. Can., Sect. 4, 2nd series, Vol. 3, pp. 57-78, pl. 1-14, separate issued, 1897.

On specimens in the Peter Redpath Museum of McGill College, Montreal. Illustrating the physical characters and affinities of the Guanches. Trans. Victoria Institute, Vol. 29, pp. 239-258, 1897. London.

Note on a Carboniferous Entomostracan from Nova Scotia, in the Peter Redpath Museum, determined and described by Prof. T. Rupert Jones and Mr. Kirkby, by Sir J. William Dawson. (Reprinted from the Canadian Record of Science, January, 1897.) Montreal. 8vo. pp. 316-323. (McGill University, Montreal, paper from the department of geology, No. 7.)

First lessons in the scientific principles of Agriculture, for schools and private instruction. (By J. W. D. & S. P. Robins.) New edition revised and enlarged with the permission of the author, by S. P. Robins, Montreal. W. Drysdale & Co., Montreal, 1897. 323 pp.

Note on Cryptozoon and other ancient fossils. *Can. Rec. Sci.*, Vol. 7, No. 4, pp. 203-219, 1 pl. Montreal. April, 1897.

Relics of Primeval Life. 335 pp. Fleming H. Revell Co., New York, Chicago and Toronto.

## 1898.

The Case against Evolution. *The Independent*. January 27th, 1898, pp. 3-4 (107-108).

Farms, and hints for teachers and trustees of schools by the superintendent of education. 8 pp. Place and date of publication not indicated.

Points of contact between Revelation and Natural Science. *Present Day Tracts*, No. 42, 2nd series, 64 pp. London, Eng.

Addendum to note of Nova Scotia Carboniferous Entomostraca, in number for January, 1897. *Can. Rec. Sci.*, Vol. 7, No. 7, p. 396, July, 1897. (Issued July, 1898.) Montreal, 1898.

Testimony of the Holy Scripture respecting wine and strong drink. 3rd edition revised. 52 pp. Two supplementary notes. 1898. Montreal.

The Seer of Patmos, and the Twentieth Century. Reprinted from the *Homiletic Review* for June and July, 1898. 33 pp. Funk & Wagnalls Co., New York and London. 1898.

Communication on Mr. Mello's paper on primitive man. *Trans. Victoria Institute*, Vol. 30, pp. 253-255. 1898. London.

Communication on Mr. Mello's paper on Neolithic man. *Trans. Victoria Institute*. Vol. 30, pp. 298-299. 1898. London.

## 1899.

Note on an Echinoderm collected by Dr Ami at Besserers, Ottawa River, in the Pleistocene (Leda-Clay). *Ottawa Naturalist*, Vol. 13, No. 9, pp. 201-202, December, 1899. Ottawa

(SIR WILLIAM DAWSON) Biographical sketch of. By Prof. Frank D. Adams, of McGill University (with portraits.) *Science*, new series, Vol. 16, pp. 905-911, Dec. 22, 1899. The substance of this sketch also appeared in *The McGill Outlook* for December, 1899. Montreal.

Index to papers, pamphlets and books in the library of Sir J. William Dawson, M. S. 226 pp. (In Peter Redpath Library.)

## 1900.

SIR JOHN WILLIAM DAWSON (Biographical sketch of) by Dr. F. D. Adams, *Can. Rec. Sci.*, Vol. 8, No. 3, January, 1900, pp. 137-148. 1900. Montreal. (Illustrated.)

## 1901.

Fifty Years of Work in Canada. An Autobiography. 308 pp. London and Edinburgh, Ballantyne, Hanson & Co. (Edited by his son, Rankine Dawson, Esq., M.A., M.D., C.M., of Montreal, Canada.) 1901.

*Date Uncertain.*

The Historical Deluge, in its relation to scientific discovery and to present questions. Present Day Tracts, No. 76. 56 pp.

Creative development and evolution. Contributed to the Expositor. 36 pp. Printed for private circulation.

(Primary or predisposing cause of Disease called "Potato Rot," and its Remedies.) Remedies or Palliations, pp. 655-664, Nova Scotia Reports (1851?). Halifax or Pictou.

Nouvelle note sur les Antiquités aborigènes trouvées à Montréal, pp. 25-36. "J. W. Dawson, Esq., Canadian Naturalist."

The Day of Rest in relation to the world that now is and that which is to come. Present Day Tracts, 2nd series, No. 50, 32 pp. London, Eng.

Forms and hints for teachers and trustees of schools by the superintendent of education. 8 pp. (1851?). Nova Scotia.

School Architecture—abridged from Barnard's School Architecture with notes by the Superintendent of Education of Nova Scotia, 16 pp. McKinley, Halifax & James Dawson, Pictou, Publishers.

"A possible cause of the origin of the Tradition of the Flood, by Sir J. Prestwich." Remarks on, by Sir J. W. Dawson, Journ. Trans. Victoria Inst., or Phil. Soc., Great Britain, Vol. 27, 108, London, Eng.

"On Specimens in the McGill University illustrating the physical character of the granites (with references by Professors Putnam, Cleland, &c.) Journ. Trans. Victoria Institute, or Phil. Soc., Great Britain, Vol. 29, 116. London.

"Useful and ornamental Stones of Ancient Egypt. Journ. Trans. Victoria Inst., or Phil. Soc., Great Britain, Vol. 26, 104, with remarks by W. H. Huddleston, F.R.S.; Prof. E. Hull, F.R.S.; W. Brindley, F.G.S.; Colonel Conder, R.E.; Prof. Logan Lobley. London, Eng.

Pre-historic times in Egypt and Palestine, II, North American Review, pp. 69-83.



