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GEOLOGICAL SURVEY OF CANADA
G. M. DAWSON, C.M.G., LL.D., F.R.S., DIRECTOR

LIST OF PUBLICATIONS

OF THE

GEOLOGICAL SURVEY OF CANADA

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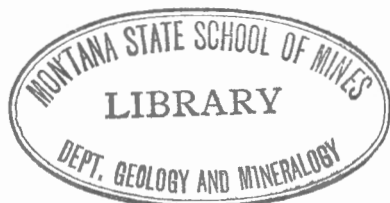


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An Act respecting the Department of The Geological Survey (53 Victoria, Chap. 11.)

[Assented to 16th May, 1890.]

HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows :—

1. In this Act the expression "Department" means the Department of the Geological Survey hereby constituted.

2. There shall be a Department of the Civil Service which shall be called "The Geological Survey," over which the Minister of the Interior shall preside; and the said Minister shall have the management and control of the Department.

3. The Governor in Council may appoint an officer who shall be the Deputy Head and Director of the Department and such other officers, clerks and servants as are required for the proper conduct of the business of the Department, all of whom shall hold office during pleasure, and shall be appointed and classified under Schedule A of "The Civil Service Act"; and in accordance with and under the terms of Section six of the said Act.

(2.) Such officers of the Department as are continuously engaged in the prosecution of original scientific work or investigation shall be classified as technical officers, under class (b) of Schedule A of "The Civil Service Act," and the Governor in Council may cause to be prepared a list of such officers of the Department as are considered to be entitled to be thus classified with any designations that may be deemed expedient to indicate the scientific work in which they may be engaged.

4. No person shall, after the passing of this Act, be appointed to this Department under class (b) of Schedule A of "The Civil Service Act," unless—

(a.) He is a Science Graduate of either a Canadian or foreign University or of the Mining School of London or the *Ecole des Mines* of Paris or of some other recognized science school of standing equal to that of the said universities and schools, or a graduate of the Royal Military College, and in each case only after having served a probation of not less than two years in the scientific work of the Department; or unless—

(b.) He has served a probation of not less than five years in the scientific work of the Department; or unless—

(c.) He has had experience for the same number of years in similar work, official or otherwise, elsewhere.

5. The duties, objects and purposes of the Department shall be :—

(a.) To make a full and scientific examination and survey of the geological structure, mineralogy, mines and mining resources of Canada and of its fauna and flora;

(b.) To maintain a museum of geological and natural history and to collect, classify and arrange for exhibition in the museum of the Department such specimens as are necessary to afford a complete and exact

knowledge of the geology, mineralogy and mining resources of Canada ; to collect, study and report on the fauna and flora of Canada ; to carry on chemical and palæontological investigations, and to make such other researches as will best tend to ensure the carrying into effect the objects and purposes of this Act ;

(c.) To prepare and publish such maps, plans, sections, diagrams and drawings as are necessary to illustrate and elucidate the reports of surveys and investigations ;

(d.) To collect and to publish, as soon as may be after the close of the calendar year, full statistics of the mineral production and of the mining and metallurgical industry of Canada ; to study the facts relating to water supply, both for irrigation and for domestic purposes, and to collect and preserve all available records of artesian or other wells, and of mines and mining works in Canada.

6. The Deputy Head and Director of the Department shall, as soon as may be after the close of each calendar year, make a summary report, to the Minister, of the proceedings and work of the Department for the year, and shall also furnish final and detailed reports, to be issued from time to time in such manner and form as the Minister directs ; and the Minister shall cause the same to be laid before Parliament, with such remarks, explanations and recommendations as he thinks proper.

7. The Department shall be furnished with such books, instruments and apparatus as are necessary for scientific reference and for the prosecution of the survey ; and the Governor in Council may, from time to time cause the enlargement of the museum, and the distribution of duplicate specimens to scientific, literary and educational institutions in Canada and other countries, and also the distribution or sale of the publications, maps and other documents issued by the Department.

8. The Minister may, for the purpose of obtaining a basis for the representation of the geological features of any part of Canada, cause such measurements and observations and physiographic, exploratory and reconnaissance surveys to be made as may be necessary for or in connection with the preparation of geological maps, sketches, plans, sections or diagrams.

9. Persons employed in one section of the Department may be directed by the Minister to perform any duty in or with respect to any other section.

10. No person employed in or under the Department shall—

(a.) Purchase any Dominion or Provincial lands except under authority of the Governor in Council ;

(b.) Locate military or bounty land warrants, or land scrip, or act as agent of any other person in such behalf ;

(c.) Disclose to any person, except his superior officer, any discovery made by him or by any other officer of the Department, or any other information in his possession in relation to matters under the control of the Department or to Dominion or Provincial lands, until such discovery or information has been reported to the Minister of the Interior, and his permission for such disclosure has been obtained ;

(d.) Make investigations or reports relating to the value of the property of individuals, nor hold any pecuniary interest, direct or indirect, in any mine, mineral lands, mining works or timber limits in Canada.

11. Nothing in this Act shall be construed to invalidate or interfere with the commissions, as assistant directors, heretofore issued under Orders in Council to certain members of the scientific staff.

12. This Act shall be substituted for chapter twenty-three of the Revised Statutes, respecting the Geological and Natural History Survey of Canada, which is hereby repealed.

13. The foregoing provisions of this Act shall come into force on the first day of July, one thousand eight hundred and ninety.

An Act to amend an Act respecting the Department of the Geological Survey (55-56 Victoria, Chap. 16.)

[Assented to 10th May, 1892.]

HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows :—

1. Section two of the Act fifty-third Victoria, chapter eleven, intituled *An Act respecting the Department of the Geological Survey*, is hereby repealed and the following substituted therefor :—

“2. There shall be a Department of the Civil Service which shall be called ‘The Geological Survey,’ which shall be presided over by a Minister of the Crown to be named from time to time for that purpose by the Governor in Council ; and the Minister so named shall have the management and control of the Department during the pleasure of the Governor in Council.”

2. Section ten of the said Act is hereby amended by striking out the words “of the Interior” in the twelfth line thereof.

An Act further to amend the Act respecting the Department of the Geological Survey (61 Victoria, Chap. 18.)

[Assented to 13th June, 1898.]

HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows :—

1. When the services of temporary assistants having special professional or technical qualifications are required in the Department of the Geological Survey, the Minister of the Crown presiding over that Department may, upon the requisition of the Deputy Head and Director of the Department

employ such number of temporary assistants as are necessary, having the qualifications requisite for appointment as technical officers of the Department under section four of the *Act respecting the Department of the Geological Survey*, chapter eleven of the statutes of 1890.

2. Notwithstanding anything contained in the Civil Service Act or any Act in amendment thereof, it shall not be necessary that any person appointed a temporary assistant under the next preceding section shall have passed any examination under the *Civil Service Act*, and such person may be paid at the rate of more than four hundred dollars a year and out of moneys voted by Parliament for the contingencies of the Department or any other moneys voted by Parliament and applicable to such payment although such moneys may not have been specially voted for such purpose.

An Act further to amend the Act respecting the Department of the Geological Survey of Canada
(62-63 Victoria, Chap. 21).

[Assented to 11th August, 1899.]

HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

4. Section 4 of the *Act respecting the Department of the Geological Survey*, chapter 11 of the statutes of 1890, is hereby repealed, and the following is substituted therefor:—

“4. No person shall be appointed to the department under class (b) of schedule A of *The Civil Service Act*, unless—

“(a.) he is a science graduate of either a Canadian or a foreign university or of the Mining School of London or the *Ecole des Mines* of Paris or some other recognized science school of standing equal to that of the said universities and schools, or a graduate of the Royal Military College; or unless—

“(b.) he has served a probation of not less than five years in the scientific work of the department.

“2. Any person so appointed shall be appointed on probation and shall not receive a permanent appointment until he has served a probationary term of at least one year, during which probationary period he may be rejected by the head of the department; but if he be not rejected, the deputy head shall, at the expiration of the probationary period, signify to the head of the department, in writing, that he considers the person so appointed competent for the duties of the department, and the appointment shall thereupon become permanent.”

THE PUBLICATIONS
OF THE
GEOLOGICAL SURVEY OF CANADA.

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The principal series of publications of the Geological Survey, consists of volumes issued under the name of Reports of Progress, from 1843 to 1882-84, and continued under the name of Annual Reports (New Series) from 1885. Since 1885, after the close of each calendar year, a Summary Report by the Director has also been issued separately. All the above mentioned reports, with the accompanying maps, as also the Geology of Canada (1863) and the Geological Map of Canada (1866), are enumerated chronologically in the first portion of the subjoined list.

Beginning on page 36, is a list of maps issued by the Survey, and on succeeding pages the Palæontological, Botanical and other publications are enumerated in their respective classes. With these are included also a number of separate publications from scientific journals, which are either the work of members of the staff or treat of collections or specimens in the Museum. Extra copies of these have been purchased by the Geological Survey, and they are held on sale as a matter of convenience to persons engaged in the various fields of technical or special work.

Copies of the Reports of the Geological Survey are distributed at the time of publication to members of both Houses of Parliament, and to the departmental and other offices of the Dominion and Provincial Governments.

The publications are also distributed as scientific exchanges, and are sent to the more important libraries, institutions of learning, etc., in Canada and other countries. It is desired, as far as possible, to have the Reports of the Survey available for reference to the public in some permanent library in every important centre in Canada.

The remaining portion of the edition is, in each case, placed on sale, at prices generally less than the actual cost of printing. Exception to this is made only in the case of some of the publications of which the supply is approaching exhaustion.

The Librarian will be happy to supply information as to reports or maps covering particular districts or relating to special subjects when this can not be obtained from the list of publications.

Publications may be obtained directly from the Librarian, Geological Survey offices, Ottawa, or may be ordered through :—

W. Foster Brown & Co., Montreal, Que.

C. H. Thorburn, Ottawa, O.

W. Tyrrell & Co., Toronto, O.

J. A. Knight & Co., Halifax, N.S.

J. A. McMillan, St. John, N.B.

T. N. Hibben & Co., Victoria, B.C.

Alex. Taylor, Winnipeg, Man

Thomson Bros., Vancouver, B.C.

Thomson Bros., Calgary, Alta.

Edward Stanford, 26 and 27 Cockspur St., Charing Cross, London

F. A. Brockhaus, Leipzig.

Lemcke & Buechner, 812 Broadway, New York.

The Scientific Publishing Co., 253 Broadway, New York.

JOHN THORBURN, A.M., LL.D.

Librarian.

NOTE.

Reports, maps, etc., marked thus (*) have been printed separately.

The prices stated in this list supersede those of all former lists.

In ordering publications, they may be designated by the running numbers employed in the list.

The number of pages always refers to the English edition, unless otherwise stated.

REPORTS OF PROGRESS, ANNUAL REPORTS AND SUMMARY REPORTS, IN ORDER OF PUBLICATION.

1. ***Report of Progress for 1843.** Published in English and French, Montreal, 1845. 8vo. pp. English 159, French 159. Out of print.
 Contains the following Reports :—
 LOGAN, W. E.—Remarks on the mode of making a Geological Survey of Canada.
 LOGAN, W. E.—Preliminary Report of Progress, 1842.
 LOGAN, W. E.—Report of Progress for 1843, giving general features of the Geology of Eastern and Western Canada as far as then ascertained.
 MURRAY, A.—On the Geology of the district between Georgian Bay and the lower extremity of Lake Erie.
 LOGAN, W. E.—Appendix—Section of the Coal Measures as developed at the Joggins, Nova Scotia, from the neighbourhood of West Ragged Reef to Minudie.
2. ***Report of Progress for 1844.** Published in English and French, Montreal, 1846. 8vo. pp. English 110, French 120. Out of print.
 Contains the following Reports :—
 LOGAN, W. E.—On the Geology of the Chat and Cascapedia Rivers, Gaspé and part of the Bay of Chaleurs.
 MURRAY, A.—On the Geology of the Bonaventure River.
 LOGAN, W. E.—Appendix—Sections of Coal Measures, *etc.*, on the Bay of Chaleurs and Coast of Gaspé.
3. ***Report of Progress for 1845-46.** Published in English and French, Montreal, 1847. 8vo. pp. English 125, French 137. Out of print.
 Contains the following Reports :—
 LOGAN, W. E.—On the Geology of the Ottawa River and some of its tributaries.
 MURRAY, A.—On the Geology of the Matane, Ste. Anne, and St. John Rivers, Gaspé.
 LOGAN, W. E.—Appendix—List of Mineral Springs on the Ottawa and its tributaries.
 HUNT, T. S.—Appendix—Analyses of Mineral Waters and Iron and Lead Ores.
4. ***Report of Progress for 1846-47.** Published in English and French, Montreal, 1847. 8vo. pp. English 66, French 70. Out of print.
 Contains the following Reports :—
 LOGAN, W. E.—On the Geology and Economic Minerals of Lake Superior.
 MURRAY, A.—On the Geology of the Kaministiquia and Michipicoten Rivers.
 APPENDIX—Statistics of Copper-mining and Copper-smelting in Great Britain.
5. ***Report of Progress for 1847-48.** Published in English and French, Montreal, 1849. 8vo. pp. English 165, French 171. Out of print.
 Contains the following Reports :—
 LOGAN, W. E.—On the Geology of the country on the south side of the St. Lawrence, extending from the vicinity of Montreal and Lake Champlain to the Chaudière River.
 MURRAY, A.—On the Geology of the North Shore of Lake Huron, French River and Manitoulin Island.
 HUNT, T. S.—On the examination of various Minerals, Mineral Localities and Mineral Waters, with analyses.
6. ***Report of Progress for 1848-49.** Published in English and French, Toronto, 1850. 8vo. pp. English 65, French 70. Out of print.
 Contains the following Reports :—
 MURRAY, A.—On the Geology of the vicinity of Galt, Ontario, parts of the Coast of Lake Huron and Georgian Bay, and Spanish River.

HUNT, T. S.—On Mineral Springs, Ores and Minerals, with analyses.

- 7. *Report of Progress for 1849-50.** Published in English and French, Toronto, 1850. 8vo. pp. English 115, French 120. Out of print.

Contains the following Reports:—

LOGAN, W. E.—On the Geology of the vicinity of Bay St. Paul and Murray Bay, and of the Eastern Townships, from the Chaudière River to the Teniscouata Portage Road.

HUNT, T. S.—On Soils, Mineral Springs, Minerals and Metallic Ores.

APPENDIX—Catalogue of some of the Economic Minerals and Deposits of Canada, with their localities.

- 8. *Report of Progress for 1850-51.** Published in English and French, Quebec, 1852. 8vo. pp. English 54, French 56. Out of print.

Contains the following Reports:—

LOGAN, W. E.—On the Gold of the Chaudière River and vicinity.

MURRAY, A.—On the Geology of the Peninsula between Lakes Huron and Erie.

HUNT, T. S.—On various Minerals and Mineral Waters, with analyses.

- 9. *Report of Progress for 1851-52.** Published in English and French, Quebec, 1852. 8vo. pp. English 121, French 129. Out of print.

Contains the following Reports:—

LOGAN, W. E.—On the Geology of the Counties of Beauharnois and Lake of Two Mountains; on the Chaudière Gold District and various Economic Materials and on the Collection sent to the Industrial Exhibition of 1851 (London), with a Catalogue of the Canadian Minerals shown at this Exhibition.

MURRAY, A.—On the Geology of the Region between the Ottawa, the St. Lawrence and the Rideau.

HUNT, T. S.—On various Minerals, Rocks, Soils and Mineral Waters, with analyses.

- 10. *Report of Progress for 1852-53.** Published in English and French, Quebec, 1854. 8vo. pp. English 179, French 197. English edition out of print.

French do price 50c.

Contains the following Reports:—

LOGAN, W. E.—On the Geology of the North Shore of the St. Lawrence, between Montreal and Cape Tourmente.

MURRAY, A.—On the Geology of the Region between Kingston and Lake Simcoe.

HUNT, T. S.—On Mineral Waters, various Minerals and Iron Ores, with analyses.

NOTE.—An Index of the contents of the Reports from 1843 to 1853 (incl.), has been published.

- 11. *Report of Progress for the years 1853-54-55-56.** Published in English and French, Toronto, 1857. 8vo. pp. English 494, French 509. Out of print.

Contains the following Reports:—

LOGAN, W. E.—On the Geology of the Counties of Argenteuil and Two Mountains, and on the preparation of the Geological Map of Canada. With Map No. 12.

MURRAY, A.—Report for 1853. On the Geology and Topography of the Muskoka, Petewawa, Bonnachère and Madawaska Rivers. With Maps Nos. 30 to 38 (incl.)

MURRAY, A.—Report for 1854. On the Geology and Topography of the Magallowan River and Lake Nipissing and its tributaries. With Maps Nos. 24, 26, 28 and 29.

MURRAY, A.—Report for 1855. On the Geology and Topography of Lake Nipissing and French River and on the Fossiliferous Rocks of Western Ontario. With Maps Nos. 24, 25 and 26.

- MURRAY, A.—Report for 1856. On the Geology and Topography of the Sturgeon, French and Wahnapiṭæ Rivers. With Maps Nos. 17 to 25 (incl.)
- RICHARDSON, J.—On the Island of Anticosti, and the Mingan Islands. With Map No. 13.
- BILLINGS, E.—On Fossils from Anticosti, and on New Fossils from the Silurian Rocks of Canada.
- HUNT, T. S.—Report for 1853. On the Mineral Waters of Canada, waters of the St. Lawrence and Ottawa Rivers, Rocks and Ores, with analyses.
- HUNT, T. S.—Report for 1854. On the Trilinic Felspars of the Laurentian, Silurian Rocks and Nickel Ores, with analyses.
- HUNT, T. S.—Report for 1855. On the Metallurgy of Iron, Extraction of Salts from Sea-water, Magnesian Mortars, Plumbago and Peat.
- HUNT, T. S.—Report for 1856. On the Rocks of the Silurian and Laurentian Series and Igneous Rocks, with analyses.

Accompanying Maps.

12. Map showing the distribution of Crystalline Limestones of the Laurentian Series in various townships between Grenville and Rawdon. Scale 3 miles to 1 inch.
Out of print.
13. *Map of the Island of Anticosti. Scale 9 miles to 1 inch. Price 10c.
14. *Index Map of the Plans (Nos. 17-27, incl.) showing the Explorations on the North Shore of Lake Huron and thence eastward to the Ottawa. Scale 10 miles to 1 inch.
Out of print.
15. *Index Map of the Plans (Nos. 28-38, incl.) showing the Explorations between the East Shore of Lake Huron and the Ottawa. Scale 10 miles to 1 inch.
Out of print.
16. *Atlas accompanying Report of Progress, 1853-54-55-56. Contains Maps Nos. 17 to 38 (incl.) Toronto, 1857. Large 4to. and folio, half bound.
Out of print.

The Maps are on a scale of 1 mile to 1 inch, and lithographed on sheets of twenty-two by thirty-three inches. The various sheets may be had separately. They are as follows :—

A.—Maps showing Explorations on the North Shore of Lake Huron and thence eastward to the Ottawa.

17. *Spanish River. Price, 10c.
18. *Spanish and White-Fish Rivers, and Lake Panache. “ “
19. *Mouth of the White-Fish River, and Coast of Lake Huron to Pointe des Grondines. Price, 10c.
20. *Wahnapiṭæ Lake and River, Maskinongé Lakes and River. “ “
21. *Wahnapiṭæ River. “ “
22. *Wahnapiṭæ River, and lower part of French River. “ “
23. *Sturgeon River. “ “
24. *Sturgeon River and western part of Lake Nipissing. “ “
25. *French River. “ “
26. *Eastern part of Lake Nipissing, Nahmanitigong River, and part of Mattawa River. Price, 10c.
27. *Mattawa River and part of Ottawa River. “ “
- B.—Maps showing Explorations between the East shore of Lake Huron and the Ottawa River.
28. *Maganetawan River to Wahwaskesh Lake. Price, 10c.
29. *Maganetawan River, from Wahwaskesh Lake to source. “ “
30. *Muskoka River from Lake Huron to Mary's Lake, and northern part of Muskoka Lake. Price, 10c.
31. *Muskoka River, from Mary's Lake to Canoe Lake. “ “
32. *Headwaters of Muskoka and Petewawa Rivers. “ “

33. *Petewawa River, Cedar and Trout Lakes. Price, 10c.
34. *Petewawa River. " "
- C.—Maps of Bonnechère, Madawaska and Shawashkong or York Rivers and sources of the Otonabee.
35. *Bonnechère River, from mouth to Golden Lake and part of Clear Lake. Price, 10c.
36. *Bonnechère River from Golden to Round Lake, Little Madawaska River, Lake Kamaniskaik, and York or Shawashkong Branch of Madawaska River. Price, 10c.
37. *Shawashkong or York Branch of Madawaska River to Papineau Lake and headwaters of Burnt River Branch of Otonabee River. Price, 10c.
38. *Drag Lake, Kah-shah-gah-wigamog Lake, Gull River, and Balsam Lake. Price, 10c.
39. *Report of Progress for 1857. Published in English and French, Toronto, 1858. 8vo. pp. English 240, French 235. Out of print.
- Contains the following Reports :—
- LOGAN, W. E.—Summary Report of the Director.
- MURRAY, A.—On the Coast at the mouths of French River, Georgian Bay ; on Echo Lake and its environs, and on the Crystalline Limestone of Bruce Mines. With Map No. 42.
- RICHARDSON, J.—On part of the Gaspé Peninsula from Magdalen River to Gaspé Bay, and on Lake St. John. With folding sheet of Sections and Maps Nos. 43, 44 and 45.
- BELL, R.—On the Fauna of portions of the Lower St. Lawrence, the Saguenay and Lake St. John.
40. *HALL, J.—Report on Canadian Graptolites. pp. 39. Out of print.
- BILLINGS, E.—On the Black River Limestone and the Limestone of Galt. Also Silurian and Devonian Fossils.
41. *(Pages 165 to 192 were reprinted as a separate report under the title "Silurian and Devonian Fossils of Canada," pp. 31.) Price, 50c.
- HUNT, T. S.—On Dolomites, Limestones and Fish Manures, with analyses.
- ASHE, E. D.—On the Longitude of some of the principal places in Canada, as determined by Electric Telegraph in 1857.
- Accompanying Maps.*
42. *Map showing the distribution of the Huronian Limestone between Root River and Bruce Mines. Scale 4 miles to 1 inch. Price, 10c.
43. Map showing the distribution of the Devonian and Silurian Formations in part of Gaspé. Scale 6 miles to 1 inch.
44. Topographical Map of the Magdalen River, Gaspé. Scale 1 mile to 1 inch.
45. Map showing the distribution of the Laurentian and Lower Silurian Rocks in the vicinity of Lake St. John. Scale 4½ miles to 1 inch.
46. *Report of Progress for 1858. Published in English and French, Montreal, 1859. 8vo. pp. English 263, French 267. Price, 75c.
- Contains the following Reports :—
- LOGAN, W. E.—On the Distribution of Laurentian Limestones, and of the Drift in the Grenville Region. Also on the Ramsay Lead Mine, Acton Copper Mine, and miscellaneous Economic Minerals. With Map No. 47.
- MURRAY, A.—On the country between the Thessalon River and Lake Huron, and between the Thessalon and the Mississagui. With folding Section and Map No. 48.
- RICHARDSON, J.—On a portion of the Gaspé Peninsula, including an examination of the Coast from Marsouin River to Rivière du Loup. With Map No. 49.
- HUNT, T. S.—On Intrusive Rocks and Minerals from Silurian Rocks, with analyses, and Contributions to the history of Magnesian Limestones.

- The Report also contains the following appendices :—
- Appendix I. Levels of the River Rouge and its tributaries.
- “ II. Localities of Copper Ores in the Lower Silurian Rocks of Lower Canada.
- “ III. Localities of Copper Ores in the Huronian Rocks, Mississagui River.
- “ IV. Catalogue of Animals and Plants collected and observed by W. S. M. D'Urban in the Counties of Argenteuil and Ottawa.
- “ V. Catalogue of Animals and Plants collected and observed by R. Bell on the South-east side of the St. Lawrence, from Quebec to Gaspé, and in the Counties of Rimouski, Gaspé and Bonaventure.

Accompanying Maps.

47. Map showing the distribution of Crystalline Limestones of the Laurentian Series in the Counties of Argenteuil and Ottawa. Scale 3 miles to 1 inch.
48. Map showing the distribution of the Huronian Rocks between Rivers St. Mary and Mississagui. Scale 3 miles to 1 inch.
49. Map showing the distribution of the Devonian and Silurian Formations in part of Gaspé. Scale 6 miles to 1 inch.

NOTE.—Up to 1860 the Geological Reports were also printed as Appendices to the Journals of the Legislative Assembly, in English and French. The Appendices in which they are to be found are as follows :—

Session 1844-45.	Appendix W.	Report of Progress, 1843.
“ 1846	“ G. G. G.	“ “ 1844.
“ 1847	“ C.	“ “ 1845-46 and 1846-47.
“ 1849	“ G.	“ “ 1847-48.
“ 1850	“ V.	“ “ 1848-49 and 1849-50.
“ 1852-53	“ O.	“ “ 1850-51 and 1851-52.
“ 1854-55	“ L.	“ “ 1852-53.
“ 1857	“ 52	“ “ 1853-54-55-56.
“ 1858	“ 32	“ “ 1857.
“ 1860	“ 24	“ “ 1858.

50. *Geology of Canada, 1863; Report of the Geological Survey from its commencement to 1863. Illustrated by 498 wood cuts in the text. Published in English and French, Montreal, 1863. Large 8vo. cloth and paper, pp. English 983, French 1043. This volume includes the more important facts published in the preceding Reports. Out of print.
51. *NOTE.—pp. 1 to 464 were published under the title “Geology of Canada, 1862” with a preface by Sir W. E. Logan, dated Montreal, March 20, 1862.
52. *An Atlas of Maps and Sections to accompany the Geology of Canada, 1863. Montreal, 1865. Large 8vo. cloth and paper, pp. 42. The introduction gives the sources of topographical information, a catalogue of the maps and charts made use of and the sources of geological information for the General Map of Canada; also an Appendix containing a short notice of the earlier Reports and other publications, and a table of magnetic declinations.

Price, \$2.50.

This Atlas contains the following Maps and Sections :—

53. *Geological Map of Canada, including part of the United States. Scale 125 miles to 1 inch. Price, 10c.
54. *Map showing the distribution of the Laurentian Rocks in parts of the Counties of Ottawa, Terrebonne, Argenteuil and Two Mountains and portions of the adjacent Silurian Formations. Scale 7 miles to 1 inch.

Price, 10c.

55. *Map showing the distribution of the Huronian Rocks between Rivers Batchewahung and Mississagui. Scale 8 miles to 1 inch. Price, 10c.
56. *Map showing the distribution of Rocks belonging to the Potsdam, Quebec and Trenton Groups, on the East side of Lake Champlain in the neighbourhood of the line between Canada East and Vermont. Scale 2 miles to 1 inch. Price, 10c.
- Five uncoloured Sections accompanying Map No. 56.
57. Map showing the distribution of Limestone Conglomerates in the Quebec Group at Point Lévis. Scale 3 inches to 1 mile.
Section on the north-east line of the Fief Ste. Anne, Point Lévis. Scale 3 inches to 1 mile.
58. *Map showing the distribution of various Superficial Deposits between Lake Superior and Gaspé. Scale 125 miles to 1 inch. Price, 10c.
Sections illustrating the Geology of Canada.
59. *Plate I—Section No. 1—Echo River, Canada West, to Saginaw Bay, Michigan, U.S. Scale 5 miles to 1 inch. Section No. 1a—Little White River to Mouth of Blind River, Canada West. Scale 5 miles to 1 inch. Price, 10c.
60. *Plate II—Section No. 2—Somerville, Canada West, to Nittany Valley, Pennsylvania, U.S. Scale 5 miles to 1 inch.
Section 3—Eardley, Canada East, to Oswego Co., New York, U.S. Scale 5 miles to 1 inch. Price, 10c.
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63. *Report of Progress, 1863-66. Published in English and French, Ottawa, 1866. Large 8vo. pp. English 321, French 332. Price, 50c.
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64. *LOGAN, W. E., MICHEL, A. and HUNT, T. S.—On the Gold Regions of Lower Canada, pp. 38. Out of print.
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APPENDIX—List of localities in which Ores of Copper have been met with in Rocks of the Quebec Group in Eastern Canada.

- 65. *Geological Map of Canada and the Adjacent Regions**, including parts of the other British Provinces, and of the United States. By Sir W. E. Logan, F.R.S., etc. Published 1866. (Hand coloured.) Scale 25 miles to 1 inch. (8 sheets.)

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- 66. *Summary Report of Progress in Geological Investigations**. Ottawa, 1869. Large 8vo. pp. 9. Price, 10c.
- 67. *Summary Report of Geological Investigations**. Published in English and French, Ottawa, 1870. Large 8vo. pp. 14. Price, 10c.
- 68. *Report of Progress from 1866 to 1869**. Published in English and French, Montreal, 1870. Large 8vo. pp. English 475, French 530.

English edition out of print.

French " Price, \$1.00.

Contains the following Reports:—

LOGAN, W. E.—On part of the Pictou Coal Field. With Map No. 82.

HARTLEY, E.—On part of the Pictou Coal Field. With Map No. 82.

- 69. *NOTE**.—The two above Reports and No. 75 were published under the title "Reports on a part of the Pictou Coal Field, with an Appendix on Coals and Iron Ores, and a Geological Map," (No. 82.) Montreal, 1870. Large 8vo. pp. 186. Price, 50c.

BELL, R.—On the Geology of the Manitoulin Island Group. (*Vide* No. 77.)

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- 70. *VENNOR, H. G.**—On the Geology of portions of Hastings, Peterborough, Addington and Frontenac Counties, Ontario. With Map No. 79, pp. 31.

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- 71. *HUNT, T. S.**—On the Goderich Salt Region, pp. 36. Out of print.

- 72. *HUNT, T. S.**—Notes on Iron and Iron Ores, pp. 94. Out of print.

- 73. *RICHARDSON, J.**—On a Geological Exploration on the North Shore of the Lower St. Lawrence, pp. 7. Price, 50c.

- 74. *BELL, R.**—On the Geology of the North-west Coast of Lake Superior and of the Nipigon District. With Map. No. 78, pp. 57. Price, 50c.

NOTE.—The separate report contains the Postscript by Sir W. E. Logan.

Vide seq.

- 75. *HARTLEY, E.**—On the Coals and Iron Ores of Pictou County, Nova Scotia; being an Appendix to Publication No. 69, pp. 78. (*Vide* No. 69.)

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- 76. *HARTLEY, E.**—Notes on Coal from Springhill, Cumberland County, Nova Scotia, pp. 11. Price, 25c.

- 77. *BELL, J., M.D.**—Appendix—List of Plants of the Manitoulin Islands, Lake Huron, pp. 23. Out of print.

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- 78. *Topographical Sketch Map** showing the Thunder Bay and Lake Nipigon Regions (3 sheets.) Report No. 74. Scale 4 miles to 1 inch. Price, 20c.

- 79. *Map** showing the distribution of the Rock Formations in parts of the Counties of Peterborough, Hastings, Addington and Frontenac, Ontario. Report No. 70. Scale 4 miles to 1 inch. Price, 10c.

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- 89. *Report of Progress, 1872-73.** Published in English and French. Montreal 1873. Large 8vo. pp. English 300, French 364. Price, \$1.00

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- 144.** *Sheet 1, S. E. (St. John Sheet), parts of St. John and Kings Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
- 145.** *Sheet 1, N. E. (Grand Lake Sheet), parts of Sunbury, Queens, Kings, Albert and Westmoreland Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
- 146.** *Sheet of Sections (coloured) to accompany Maps Nos. 143, 144 and 145. Part D Scale 4 miles to 1 inch. Price, 10c.
NOTE.—Maps Nos. 143, 144 and 145 and Sheet of Sections No. 146 are in portfolio accompanying Report.
- 147.** *Report of Progress for 1879-80. Published in English and French, Montreal, 1881. Large 8vo. pp. English 562, French 632. Price \$1.00.
Contains the following Reports :—
- SELWYN, A. R. C.—Summary Report of the Director for the year 1880.
- (A) SELWYN, A. R. C.—Report on Boring Operations in the Souris River Valley. With Appendices I and II.
- DAWSON, G. M.—Appendix I—On the Lignite Tertiary Formation from the Souris River to 108th Meridian.
- DAWSON, J. W.—Appendix II—Note on Fossil Plants collected by A. R. C. Selwyn in the Lignite Tertiary Formation of Roche Percée, Souris River.
- (B) DAWSON, G. M.—Report on an Exploration from Port Simpson, on the Pacific Coast, to Edmonton, on the Saskatchewan, embracing a portion of the Northern part of British Columbia and the Peace River Country. With Appendices I to III and Maps Nos. 150, 151 and 152.
- MACOON, J.—Appendix I—List of Plants collected in the Northern part of British Columbia and the Peace River Country, 1879.
- DAWSON, G. M.—Appendix II—Meteorological Observations in the Northern part of British Columbia, the Peace River District, and from Edmonton to Manitoba, 1879.
- DAWSON, G. M.—Appendix III—Note on the Latitudes and Longitudes used in preparing the Map of the Region from the Pacific Coast to Edmonton.
- DAWSON, G. M.—Note on the distribution of some of the more important Trees of British Columbia. (First printed in the Canadian Naturalist, Vol. IX, No. 9). With Map No. 149.
- (C) BELL, R.—Report on Hudson Bay and some of the Lakes and Rivers lying to the West of it. With Appendices I to XI.
- *BELL, R.—The Northern Limits of the principal Forest Trees of Canada, East of the Rocky Mountains. With Map No. 153, pp. 21. Price, 15c.
- WHITEAVES, J. F.—Appendix I—List of Fossils collected by R. Bell in Manitoba in 1880.
- MACOON, J.—Appendix II—Tabulated List of Plants collected in the district
- LE CONTE, J. L.—Appendix III—List of Coleoptera collected in 1880 in Manitoba, and between Lake Winnipeg and Hudson Bay.
- WHITEAVES, J. F.—Appendix IV—List of the Land, Freshwater and Marine Mollusca collected.
- DITTMAR, W.—Appendix V—Analyses of the waters of Hayes and Nelson Rivers.
- WOOD, W.—Appendix VI—Seasonal or Periodic Events, York Factory.
- WOOD, W.—Appendix VII—Tables showing dates of the opening and closing of Hayes River, at York Factory.
- FORTESCUE, .—Appendix VIII—Dates of the arrivals of the Hudson's Bay Company's vessels at York Factory, and of their sailings for 92 years from 1789 to 1880.
- NASON, J. R.—Appendix IX—Seasonal or Periodic Events, Moose Factory.

ARMIT, W.—Appendix X—Dates of the arrivals of the Hudson's Bay Company's vessels at Moose Factory, and of their sailings for 146 years from 1735 to 1880.

WOOD, W. AND NASON, J. R.—Appendix XI—Statistics of the weather from observations taken at York and Moose Factories.

(D) ELLS, R. W.—Report on Northern New Brunswick, embracing portions of the Counties of Restigouche, Gloucester and Northumberland. See Maps Nos. 162, 165 and 166, p. 25.

(F) FLETCHER, H.—Report of Surveys of portions of the Counties of Richmond, Inverness, Guysborough and Antigonish, Nova Scotia, from Chedabucto and St. Peters Bays to Judique and Denys Basin. See Maps Nos. 200 to 207, p. 40.

(G) RICHARDSON, J.—Report of a Geological Exploration of the Magdalen Islands. With Appendix.

MACOUN, J.—Appendix—List and Notes of Plants collected by J. Richardson on the Magdalen Islands.

148.*(H) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 21. Out of print.

Accompanying Maps.

149.*Map illustrating the distribution of some of the more important Trees in British Columbia. Part B. Scale 50 miles to 1 inch. Price, 10c.

Map of part of British Columbia and the North-west Territory, from the Pacific Ocean to Fort Edmonton (Sheets I, II and III.) Part B. Scale 8 miles to 1 inch.

150.*Sheet I.—Fort Simpson to Fort St. James. Out of print.

151.* “ II.—Fort St. James to Dunvegan. “

152.* “ III.—Dunvegan to Edmonton. “

NOTE.—Maps Nos. 150, 151 and 152 are in portfolio accompanying Report.

153.*Map showing the General Northern Limits of the Principal Forest Trees of the Dominion of Canada, East of the Rocky Mountains. Part C. Scale 80 miles to 1 inch. Price, 10c.

154.***Report of Progress for 1880-81-82.** Published in English and French, Montreal, 1883. Large 8vo. pp. English 222, French 246. Price, \$1.00.

Contains the following Reports:—

SELWYN, A. R. C.—Summary Reports of the Director for 1881 and 1882.

SELWYN, A. R. C.—Geological Nomenclature and the Colouring and Notation of Geological Maps. With Index to Colours and Signs, No. 157.†

(A) SELWYN, A. R. C.—Notes on the Geology of the South-eastern portion of the Province of Quebec.

155.*ADAMS, F. D.—Appendix—Notes on the Microscopic Structure of some Rocks of the Quebec Group, pp. 16. Out of print.

(B)*DAWSON, G. M.—Preliminary Report on the Geology of the Bow and Belly Rivers Region, North-west Territory, with special reference to the Coal Deposits. With Map No. 158. See No. 408, page 49.

(C.I.) BELL, R.—Report on the Geology of the Basin of Moose River and adjacent Country. With Maps Nos. 159 and 160.

(C.II.) BELL, R.—Report on the Geology of the Lake of the Woods and adjacent Country. With Appendices I and II and Map No. 161.

MACOUN, J.—Appendix I—Catalogue of the plants collected along the Michipicoten River and in the Southern part of the Basin of Moose River.

LE CONTE, J. L.—Appendix II—Lists of Coleoptera collected in 1881 by R. Bell and others in the Lake Superior District and in the North-west Territories.

†This is a reprint, with slight textual differences, of a communication printed by the author for presentation to the International Geological Congress, Bologna, August, 1881, pp. 5.

- (D) ELLS, R. W.—Report on Northern and Eastern New Brunswick and the north side of the Bay of Chaleurs. With Maps Nos. 162 to 166 (incl.) See also Map No. 175, p. 43.
- (DD) ELLS, R. W.—Report on the Geology of the Gaspé Peninsula. With Maps Nos. 164 and 165. See also Maps Nos. 175, 181, 182 and 183, p. 43.
- (GG) WILLIMOTT, C. W.—Notes on some of the Mines in the Province of Quebec.
- 156.*(H) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 16. Price, 10c.
- Accompanying Maps.*
- 157.*Index to the Colours and Signs employed in the Maps and Sections of the Geological Survey of Canada. Price, 10c.
- 158.*Index Map of Coal and Lignite Outcrops in the Bow and Belly Rivers District. (Southern Alberta.) Part B. Scale 10 miles to 1 inch. Price, 10c.
- 159.*Map showing approximately the Geology of the Basin of Moose River and adjacent Country. To illustrate Reports for 1875-76, 1876-77 and 1880-81-82. Part C. I. Scale 8 miles to 1 inch. Out of print.
- 160.*Plan of Moose River from the neighbourhood of Moose Factory to James Bay. Part C. I. Scale 2 miles to 1 inch. Price, 10c.
- 161.*Map of the Lake of the Woods and adjacent Country. Part C. II. Scale 4 miles to 1 inch. Price, 10c.
- 162.*Sheet 2 N. E. (Newcastle Sheet), parts of Northumberland and Gloucester Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
- 163.*Sheet 2 S. E. (Richibucto Sheet), parts of Kent, Northumberland and Sunbury Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
- 164.*Sheet 3 S. W. (Dalhousie Sheet), parts of Restigouche County, New Brunswick, and Bonaventure County, Quebec. Parts D and DD. Scale 4 miles to 1 inch. Price, 10c.
- 165.*Sheet 3 S. E. (Bathurst Sheet), parts of Restigouche and Gloucester Counties, New Brunswick and Bonaventure County, Quebec. Parts D and DD. Scale 4 miles to 1 inch. Price, 10c.
- 166.*Sheet 6 S. W. (Shippegan Sheet), part of Gloucester County, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
- NOTE.—Maps Nos. 159 and 161 to 166 (incl.) are in portfolio accompanying Report.
- 167.***Report of Progress for 1882-83-84.** Published in English and French, Montreal, 1885. Large 8vo. pp. English 750, French 831. Price, \$1.00.
Contains the following Reports :—
- SELWYN, A. R. C.—Summary Report of the Director for 1883.
-) BAUERMAN, H.—Report on the Geology of the country near the Forty-ninth Parallel of North Latitude, West of the Rocky Mountains, from Observations made in 1859-61. With Plate of Sections No. 170.
- C) DAWSON, G. M.—Report on the Region in the vicinity of the Bow and Belly Rivers, N. W. T. With Appendices I to III and Maps Nos. 171 and 172.
DAWSON, G. M.—Appendix I—List of Elevations.
NELSON, J. C.—Appendix II—Blackfoot Names of a number of Places in the North-west Territories, for the most part in the vicinity of the Rocky Mountains.
HOFFMANN, G. C.—Appendix III—Analyses of Ironstones occurring in the district.
- (CC) BELL, R.—Report on part of the Basin of Athabasca River, N. W. T. With Appendix and Map No. 173.
LYMAN, H. H.—Appendix—List of Lepidoptera collected in the N. W. T. in 1882.
- (D) LAFLAMME, J. C. K.—Report of Geological Observations in the Saguenay Region.

- (DD) BELL, R.—Observations on the Labrador Coast, and on Hudson Strait and Bay.
With Appendices I to V.
- MACOUN, J.—Appendix I—List of Plants collected on the Coasts of Labrador, Hudson Strait and Bay by R. Bell in 1884.
- BELL, R.—Appendix II—List and Notes of the Mammals of the vicinity of Hudson Bay and Labrador.
- BELL, R.—Appendix III—List and Notes of the Birds of the vicinity of Hudson Bay and Labrador.
- SMITH, S. J.—Appendix IV—List of Crustacea collected by R. Bell at Port Burwell.
- WHITEAVES, J. F.—Appendix IV—List of Marine Invertebrates from Hudson Strait, collected by R. Bell in 1884.
- LYMAN, H. H.—Appendix V—List of Lepidoptera collected by R. Bell in Hudson Strait in 1884.
- SMITH, J. B.—Appendix V—List of Coleoptera collected by J. R. Spencer at Fort Churchill.

- (E) ELLS, R. W.—Report on Explorations and Surveys in the Interior of Gaspé Peninsula and Prince Edward Island.
See Maps Nos. 175 to 183 (incl.), p. 43.
- (F) LOW, A. P.—Report on Explorations and Surveys in the interior of Gaspé Peninsula. With Panoramic View No. 208.
See Maps Nos. 175, 182 and 183, p. 43.
- (G) BAILEY, L. W.—Report of Explorations and Surveys in portions of York and Carleton Counties, N.B. See Map No. 174, p. 42.
- (GG) CHALMERS, R.—Report on the Surface Geology of Western New Brunswick, with special reference to the area included in York and Carleton Counties.
- (H) FLETCHER, H.—Report on the Geology of the portion of Cape Breton north of Judique and Denys Basin. See Maps Nos. 184 to 199, pp. 39 & 40.
- (J) TORRANCE, J. F.—Report on Apatite Deposits, Ottawa County, Quebec.
- (K) COSTE, E.—Report on the Gold Mines of the Lake of the Woods.
- (L) WILLMOTT, C. W.—Report of Observations in 1883 on some Mines and Minerals in Ontario, Quebec and Nova Scotia.
- 168.*(M) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada. Analyses of Coals and Lignites of the North-west Territory, pp. 44.
Price, 20c.
- 169.*(MM) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 19.
Price, 10c.
Accompanying Maps.
- 170.*Sketch Sections near the Forty-ninth Parallel from the Gulf of Georgia to Waterton Lake. Part B.
Price, 10c.
- 171.*Geological Map of the Region in the vicinity of the Bow and Belly Rivers. (Southern Alberta.) Part C. Scale 8 miles to 1 inch.
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- 172.*Map showing Wooded and Prairie Tracts, etc., in the Region in the vicinity of the Bow and Belly Rivers (Southern Alberta). Part C. Scale 8 miles to 1 inch.
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- 173.*Map of part of the Athabasca River. Part CC. Scale 8 miles to 1 inch.
Price, 10c.
- 208.*Panoramic View of Notre Dame or Shickshock Mountains, Gaspé. Part F.
Price, 10c.
- NOTE.—Maps Nos. 171, 172, 173 and 208 are in portfolio accompanying Report.
- 209.***Summary Report of the Director to 31st December, 1885**, being Part III, Annual Report of the Department of the Interior, 1885. Large 8vo. pp. 32.
Price, 10c.

- 210. Annual Report (New Series), Vol. I, 1885.** Published in English and French, Montreal, 1886. Large 8vo. pp. English 798, French 828. Price, \$1.50.
Contains the following Reports. Each Report is also published separately:—
- 211. *(A) SELWYN, A. R. C.**—Summary Report of the Director for the years 1884 and 1885. pp. 108. Price, 10c.
- 212. *(B) DAWSON, G. M.**—Preliminary Report on the Physical and Geological Features of that portion of the Rocky Mountains, between Latitudes 49° and 51° 30'. With Maps Nos. 223 and 224, pp. 169. Price, 25c.
- 213. *(C) McCONNELL, R. G.**—On the Cypress Hills, Wood Mountain and adjacent Country. With Appendix and Maps Nos. 225 and 226, pp. 85. Price, 25c.
- 214. *COPE, E. D.**—Appendix I—The Vertebrata of the Swift-current Creek Region of the Cypress Hills. Price, 10c.
- 215. *(CC) LAWSON, A. C.**—On the Geology of the Lake of the Woods Region, with special reference to the Keewatin (Huronian?) Belt of the Archæan Rocks. With Map No. 227, pp. 151. Price, 25c.
- 216. *(D) LOW, A. P.**—Report of the Mistassini Expedition, 1884-85. With Appendices I to III and Map No. 228, pp. 55. Price, 10c.
MACOUN, J. M.—Appendix I—List of Birds collected at Lake Mistassini, 1885.
MACOUN, J. M.—Appendix II—List of Plants collected at Lake Mistassini, Rupert River and Rupert House, 1885.
LOW, A. P.—Appendix III—Meteorological Observations taken on the route from Betsiamites to Lake Mistassini and at the Hudson's Bay Post, Mistassini.
- 217. *(DD) BELL, R.**—Observations on the Geology, Zoology and Botany of Hudson Strait and Bay. With Appendices I and II and Map No. 229, pp. 27. Price, 15c.
MACOUN, J.—Appendix I—List of Plants collected in Newfoundland, Labrador and Hudson Strait.
LYMAN, H. H. AND HORN, G. H.—Appendix II—Partial List of Insects collected in 1885.
- 218. *(E) ELLS, R. W.**—On the Geological Formations of Eastern Albert and West moreland Counties, New Brunswick, and of portions of Cumberland and Colchester Counties, Nova Scotia. With Map No. 230, pp. 71. Price, 20c.
- 219. *(G) BAILEY, L. W.**—On Explorations and Surveys in portions of the Counties of Carleton, Victoria, York and Northumberland, New Brunswick. With Map No. 231, pp. 30. Price, 20c.
- 220. *(GG) CHALMERS, R.**—Preliminary Report on the Surface Geology of New Brunswick, pp. 58. Price, 20c.
- 221. *(K) COSTE, E.**—Observations on Mining Laws and Mining in Canada, with suggestions for the better development of the Mineral Resources of the Dominion, pp. 15. Price, 10c.
- 222. *(M) HOFFMANN, G. C.**—Chemical Contributions to the Geology of Canada, pp. 29. Price, 10c.
- Accompanying Maps.*
- 223. *Reconnaissance Map of a portion of the Rocky Mountains between Latitudes 49°N. and 51° 30'N. Part B. Scale 5 miles to 1 inch. Price, 10c.**
- 224. *Map of part of the Cascade Coal Basin, Rocky Mountains. Part B. Scale 1½ miles to 1 inch. Price, 10c.**
- 225. *Geological and Topographical Map of the Cypress Hills, Wood Mountain and adjacent Country. Part C. Scale 8 miles to 1 inch. Price, 10c.**
- 226. *Map showing Wooded Tracts and character of Surface of the Cypress Hills, Wood Mountain and adjacent Country. Part C. Scale 8 miles to 1 inch. Price, 10c.**

- 227.** *Western Ontario—Sheet 1—(Northern part of the Lake of the Woods), part of Rainy River District. Part CC. Scale 2 miles to 1 inch. (Edition of April, 1897). Price, 10c.
- 228.** *Map of Lake Mistassini, with Geological Boundaries. Part D. Scale 8 miles to 1 inch. Price, 10c.
- 229.** *Chart of the Ottawa Islands, Hudson Bay. Part DD. Scale 4 nautical miles to 1 inch. Price, 10c.
- 230.** *Sheet 4, N. W. (Cumberland Coal-field Sheet), parts of Westmoreland and Albert Counties, New Brunswick, and Cumberland County, Nova Scotia. Part E. Scale 4 miles to 1 inch. Price, 10c.
- 231.** *Sheet 2 S. W. (Andover Sheet), parts of York, Carleton and Victoria Counties, New Brunswick. Part G. Scale 4 miles to 1 inch. Price, 10c.
NOTE.—Maps 223, 225 to 228, 230 and 231 are in portfolios accompanying Report.
- 232.** ***Summary Report of the Director to 31st December, 1886**, being Part III, Annual Report of the Department of the Interior 1886. Large 8vo. pp. 42. Price, 10c.
- 233.** ***Annual Report (New Series), Vol. II, 1886**. Published in English and French, Montreal, 1887. Large 8vo. pp. English 975, French 1019. Price, \$2.00.
Contains the following Reports. Each Report is also published separately:—
- 234.** *(A) SELWYN, A. R. C.—Summary Report of the Director for the year 1886, pp. 87. Price, 10c.
- 235.** *(B) DAWSON, G. M.—Report on a Geological Examination of the Northern part of Vancouver Island and adjacent Coasts. With Appendices I to III and Map No. 247, pp. 129. Price, 25c.
WHITEAVES, J. F.—Appendix I—Notes on some Mesozoic Fossils from the coast of British Columbia.
MACOUN, J.—Appendix II—List of Plants from Vancouver Island and adjacent Coasts.
DAWSON, G. M.—Appendix III—Meteorological Observations, 1885.
- 236.** *(D) MCCONNELL, R. G.—On the Geological Structure of a portion of the Rocky Mountains. With Section No. 248, pp. 41. Price, 20c.
- 237.** *(E) TYRRELL, J. B.—On a part of Northern Alberta, and portions of adjacent Districts of Assiniboia and Saskatchewan. With Appendices I to IV, and Maps Nos. 249 and 250, pp. 176. Price, 25c.
WHITEAVES, J. F.—Appendix I—On some Fossils from the Cretaceous and Laramie Rocks of the Saskatchewan and its tributaries.
FLETCHER, J.—Appendix II—List of Lepidoptera collected by J. B. Tyrrell and D. B. Dowling.
TYRRELL, J. B.—Appendix III—List of Elevations in the district.
TYRRELL, J. B.—Appendix IV—Cree and Stoney Indian Names of places in the district.
- 238.** *(F) LOW, A. P.—Preliminary Report on an Exploration of Country between Lake Winnipeg and Hudson Bay. With Appendix, pp. 24. Price, 10c.
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- 239.** *(G) BELL, R.—On an Exploration of portions of the Attawapiskat and Albany Rivers. With Appendix, pp. 38. Price, 15c.
LYMAN, H. H. AND HULST, G. D.—Appendix—List of Lepidoptera collected in the southern part of Keewatin District.
- 240.** *(J) ELLS, R. W.—On the Geology of a portion of the Eastern Townships, relating more especially to the Counties of Compton, Stanstead, Beauce, Richmond and Wolfe. With Map No. 251, pp. 70. Price, 25c.
- 241.** *(M) CHALMERS, R.—On the Surface Geology of Northern New Brunswick and South-eastern Quebec. With Maps Nos. 252 and 253, pp. 39. Price, 25c.

242. *(N) BAILEY, L. W. AND McINNES, W.—On Explorations in portions of the Counties of Victoria, Northumberland and Restigouche, New Brunswick. With Map No. 254, pp. 19. Price, 10c.
243. *(P) FLETCHER, H. AND FARIBAULT, E. R.—On Geological Surveys and Explorations in the Counties of Guysborough, Antigonish, Pietou, Colchester and Halifax, Nova Scotia, pp. 163. See Maps 379 to 390, 550 and 551, pp. 40 and 41. Price, 25c.
244. *(R) DAWSON, G. M.—Notes to accompany a Geological Map of the Northern portion of the Dominion of Canada, East of the Rocky Mountains. With Map No. 255, pp. 62. Price, 20c.
245. *(S) COSTE, E.—Statistical Report of the Production, Value, Exports and Imports of Minerals in Canada, during 1886 and previous years, pp. 85. Price, 10c.
246. *(T) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 42. Price, 10c.

Accompanying Maps.

247. *Map of the Northern part of Vancouver Island and the adjacent Coasts. Scale 8 miles to 1 inch. With plans of the Koskeemo Coal-area, Lasqueti Island and Nimpkish Lake. Part B. Scale 2 nautical miles to 1 inch. Price, 10c.
248. Geological Section across the Rocky Mountains, in the vicinity of the Canadian Pacific Railway. Part D. Vertical and horizontal scales 2 miles to 1 inch.
249. *Geological Map of part of Northern Alberta, and portions of the Districts of Assiniboia and Saskatchewan, N.W.T. Part E. Scale 8 miles to 1 inch. Price, 10c.
250. *Map showing Wooded and Prairie Tracts in part of Northern Alberta, and portions of the Districts of Assiniboia and Saskatchewan, N.W.T. Part E. Scale 8 miles to 1 inch. Price, 10c.
251. *South-east quarter-sheet of the "Eastern Townships" Map (Sherbrooke Sheet); embracing the Counties of Wolfe and Compton and portions of Beauce, Stanstead, Sherbrooke, Richmond and Arthabaska. Part J. Scale 4 miles to 1 inch. Price, 10c.
252. *Sheet 3, S. W.—Surface Geology.—(Dalhousie Sheet), parts of Restigouche County, New Brunswick, and Bonaventure County, Quebec. Part M. Scale 4 miles to 1 inch. Price, 10c.
253. *Sheet 3, S. E.—Surface Geology.—(Bathurst Sheet), parts of Restigouche and Gloucester Counties, New Brunswick, and Bonaventure County, Quebec. Part M. Scale 4 miles to 1 inch. Price, 10c.
254. *Sheet 2, N. W. (Grand Falls Sheet), parts of Victoria, Northumberland and Restigouche Counties, New Brunswick. Part N. Scale 4 miles to 1 inch. Price, 10c.
255. *Map of the Northern portion of the Dominion of Canada, East of the Rocky Mountains. Part R. Scale 200 miles to 1 inch. Price, 10c.

NOTE.—Maps Nos. 247 and 249 to 254 (incl.) are in portfolio accompanying Report.

256. ***Summary Report of the Director to 31st December, 1887**, being Part III, Annual Report of the Department of the Interior, 1887. Large 8vo. pp. 40. Price, 10c.
257. ***Summary Report of the Director to 31st December, 1888**, being Part III, Annual Report of the Department of the Interior, 1888. Large 8vo. pp. 41. Out of print.
258. ***Annual Report (New Series), Vol. III. 1887-88**. Published in English and French, Montreal, 1888. 2 vols., large 8vo. pp. English 1402, French 1591. Price, \$2.00.
- Contains the following Reports. Each Report is also published separately:—
259. *(A) SELWYN, A. R. C.—Summary Reports of the Director for the years 1887 and 1888, pp. 117. Price, 10c.

- 260.** *(B) DAWSON, G. M.—Report of an Exploration in the Yukon District, N.W.T., and adjacent Northern portion of British Columbia. With Appendices I to VII and Maps 274 to 277 (incl.), pp. 277. See No. 629, page 49. Price 30c.
 DAWSON, G. M.—Appendix I—Notes on the distribution of trees and of certain shrubs in the Yukon District and adjacent Northern portion of British Columbia.
- 261.** *DAWSON, G. M.—Appendix II—Notes on the Indian tribes of the same district, pp. 23. Out of print.
 MACOUN, J.—Appendix III—List of Plants collected by G. M. Dawson in the same district in 1887.
 FLETCHER, J.—Appendix IV.—List of Diurnal Lepidoptera from the same district and from the Mackenzie River.
 BEAN, T. H.—Appendix IV—Fishes from the same district.
 MERRIAM, C. H.—Appendix IV—Description of a new red-backed mouse from the Liard River, N.W.T.
- 262.** *ADAMS, F. D.—Appendix V—Notes on the Lithological Character of some of the Rocks collected in the district covered by the report, pp. 6. Out of print.
 DAWSON, G. M.—Appendix VI—Meteorological Observations in the same district.
 DAWSON, G. M.—Appendix VII—Summary of Astronomical Observations employed in the construction of Maps Nos. 274 to 277.
- 263.** *(C) BOWMAN, A.—Report on the Geology of the Mining District of Cariboo, British Columbia. With folding Section, and Maps Nos. 278 to 281 (incl.), pp. 49. See Maps Nos. 364 to 372, pp. 46 and 47. Price, 25c.
- 264.** *(E) TYRRELL, J. B.—Notes to accompany a Preliminary Map of the Duck and Riding Mountains in North-western Manitoba. With Map No. 282, pp. 16. Price, 10c.
- 265.** *(F) LAWSON, A. C.—Report on the Geology of the Rainy Lake Region. With Map No. 283 and Sect. No. 284, pp. 182. See Map No. 373, p. 44. Price, 25c.
- 266.** *(H) INGALL, E. D.—Report on Mines and Mining on Lake Superior. Part I. *a.* History and General Conditions of the Region. *b.* Silver Mining. With Appendices I and II, Supplementary Report, 9 Plans of Mines and Maps Nos. 285 and 286, pp. 131. Price, 25c.
 BAYLEY, W. S.—Appendix I—Notes of Microscopical Examinations of Rocks from the Thunder Bay Silver District.
 INGALL, E. D.—Appendix II—Literature.
 INGALL, E. D.—Supplementary Report of Progress of Development to June, 1889.
- 267.** *(J) LOW, A. P.—Report on Explorations in James Bay and Country East of Hudson Bay, drained by the Big, Great Whale and Clearwater Rivers. With Appendices I to IV, pp. 94. See Maps Nos. 585 & 587, p. 37. Price, 25c.
 MACOUN, J. M.—Appendix I—List of Plants collected on the Rupert and Moose Rivers and shores and islands of James Bay.
 FLETCHER, J.—Appendix II—List of diurnal Lepidoptera collected by J. S. Cotter and J. M. Macoun in the same district.
 SPENCER, M.—Appendix III—Notes on the breeding habits of certain Mammals.
 CUNNINGHAM, A. R. and MACNUTT, C. H.—Appendix IV—Meteorological Observations on James Bay in 1887, and on the East Coast of Hudson Bay in 1888.
- 268.** *(K) ELLS, R. W.—Report on the Geology of the Counties of Megantic, Beauce, Dorchester, Lévis, Bellechasse and Montmagny, Quebec. With Appendix and Map No. 287, pp. 120. See Map No. 375, p. 43. Price, 25c.

AMI, H. M.—Appendix—Systematic List of Fossils collected in the district.

269. *(M) BAILEY, L. W. AND McLNNES, W.—Report on Explorations and Surveys in portions of Northern New Brunswick and adjacent areas in Quebec and in Maine, U.S. With Map No. 290, pp. 52. Price, 25c.
270. *(N) CHALMERS, R.—Report on the Surface Geology of North-eastern New Brunswick. With Maps Nos. 288 and 289, pp. 33. Price, 20c.
271. *(R) DAWSON, G. M.—The Mineral Wealth of British Columbia, with annotated list of localities of Minerals of Economic Value, pp. 163. Out of print.
272. *(S) COSTE, E.—Report on the Mining and Mineral Statistics of Canada for the year 1887, pp. 110. Price, 10c.
273. *(T) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 58. Price, 15c.

Accompanying Maps.

274. *Index Map of the Yukon District, N.W.T., the Northern portion of British Columbia and adjacent regions. Part B. Scale 60 miles to 1 inch. Out of print.

*Yukon District and British Columbia, Sheets I, II and III. Part B. Scale 8 miles to 1 inch. (2nd edition, January, 1898.)

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291. *Summary Report of the Director to December 31st, 1889, being Part III, Annual Report of the Department of Interior, 1889. Large 8vo. pp. 44. Price, 5c.

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Appendix B—Cost of "Drilling Rig," complete, at Petrolea, Ont.

Appendix C—Bibliography.

- 333.** *(R) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 72.
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- 334.** *(S) INGALL, E. D.—Division of Mineral Statistics and Mines. Annual Report for
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673. ***Summary Report of the Geological Survey Department for the year 1898.** Large 8vo., pp. 208. (Blue-book form). Out of print.
Annual Report (New Series) Vol. XI., 1898. In progress.
674. *(A) DAWSON, G. M.—Summary Report of the Director for the year 1898. (Reprint from Blue-book), pp. 208. Price, 10c.
695. *(R) HOFFMANN, G. C.—Report of the Section of Chemistry and Mineralogy, pp. 56. Price, 10c.
698. *(S) INGALL, E. D.—Section of Mineral Statistics and Mines. Annual Report for 1898, pp. In press.
690. ***Summary Report of the Geological Survey Department for the year 1899.** Page 8vo., pp. 224. (Blue-book form). Price, 10c.

MAPS.

In the following list, all maps published by the Geological Survey of Canada are included, both those catalogued already with the several reports and those issued separately. The titles of maps not elsewhere mentioned in connection with the reports are here given in full, and are designated thus (†). A complete enumeration of the maps issued by the Survey is thus given. The order is geographical, by provinces and districts.

General Maps.

- 53.** *Geological Map of Canada. Scale 125 miles to 1 inch. See page 13.
58. *Map showing distribution of Superficial Deposits between Lake Superior and Gaspé. See page 14.
65. *Geological Map of Canada. Scale 25 miles to 1 inch. See page 15.
255. *Map of the Northern part of Canada, East of the Rocky Mountains. See page 29.
396. *Geological Map of British North America. See page 49.
411. *Map of the Dominion of Canada. See page 50.
153. *Map showing Northern Limits of the Principal Forest Trees of the Dominion of Canada. See page 24.
677. †*Relief Map of Canada and the United States. Scale 250 miles to 1 inch.
Price, 10c.

Nova Scotia.

- 105.** *Cape Dauphin District. See page 19.
106. *Eastern part of Sydney Coal Field. See page 19.
113. *Western part of the Sydney Coal Field. See page 20.
124. *Grand Narrows Sheet. See page 21.
131. *Louisbourg Sheet. See page 22.
Reference for Maps Nos. 184 to 199 (incl.) Part H. Report of Progress, 1882-83-84, page 26.
184. †*Sheet 1 (Cape North Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch.
Price, 10c.
185. †*Sheet 2 (Aspy Bay Sheet), part of Victoria County. Scale 1 mile to 1 inch.
Price, 10c.
186. †*Sheet 3 (Pleasant Bay Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch.
Price, 10c.
187. †*Sheet 4 (Ingonish Sheet), part of Victoria County. Scale 1 mile to 1 inch.
Price, 10c.
188. †*Sheet 5 (Head-waters of Cheticamp River Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch.
Price, 10c.
189. †*Sheet 6 (North Cheticamp Sheet), part of Inverness County. Scale 1 mile to 1 inch.
Price, 10c.
190. †*Sheet 7 (North Shore Sheet), part of Victoria County. Scale 1 mile to 1 inch.
Price, 10c.
191. †*Sheet 8 (Head-waters Margaree River Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch.
Price, 10c.
192. †*Sheet 9 (South Cheticamp Sheet), part of Inverness County. Scale 1 mile to 1 inch.
Price, 10c.
193. †*Sheet 10 (Englishtown Sheet), parts of Victoria and Inverness Counties. Scale 1 mile to 1 inch.
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194. †*Sheet 11 (Margaree Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.
195. †*Sheet 12 (Baldeck Sheet), part of Victoria County. Scale 1 mile to 1 inch. Price, 10c.
196. †*Sheet 13 (Middle River Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.
197. †*Sheet 14 (Broad Cove Sheet), part of Inverness County. Scale 1 mile to 1 inch. Price, 10c.
198. †*Sheet 15 (Whycocomagh Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.
199. †*Sheet 16 (Port Hood Sheet), part of Inverness County. Scale 1 mile to 1 inch. Price, 10c.

Reference for Maps Nos. 200 to 207 (incl.), Part F, Report of Progress, 1879-80, page 24.

200. †*Sheet 17 (Loch Lomond Sheet), parts of Richmond and Cape Breton Counties. Scale 1 mile to 1 inch. Price, 10c.
201. †*Sheet 18 (River Denys Sheet), parts of Richmond and Inverness Counties. Scale 1 mile to 1 inch. Price, 10c.
202. †*Sheet 19 (Judique Sheet), part of Inverness County. Scale 1 mile to 1 inch. Price, 10c.
203. †*Sheet 20 (L'Ardoise Sheet), part of Richmond County. Scale 1 mile to 1 inch. Price, 10c.
204. †*Sheet 21 (Saint Peter Sheet), parts of Richmond and Inverness Counties. Scale 1 mile to 1 inch. Price, 10c.
205. †*Sheet 22 (Strait of Canso Sheet), parts of Inverness, Richmond, Antigonish and Guysborough Counties. Scale 1 mile to 1 inch. Price, 10c.
206. †*Sheet 23 (Arichat Sheet), part of Richmond County. Scale 1 mile to 1 inch. Price, 10c.

NOTE.—Nos. 106, 113, 124, 131 and 184 to 206 (incl.) cover the whole of Cape Breton, and Nos. 205, 207, 379 to 390, 550, 551, 569, 592, 593, 598, 600, 607 to 611, 624 and 633 to 637, the eastern portion of the mainland of Nova Scotia. Nos. 106 and 113 have been (1893) superseded by Nos. 652, 653 and 654. See page 42.

207. †*Sheet 24 (Guysborough Harbour Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.

Reference for Maps Nos. 379 to 390, 550, 551 and 378, Part P, Vol. II, 1886.

379. †*Sheet 25 (Guysborough Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.
380. †*Sheet 26 (Whitehaven Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.
381. †*Sheet 27 (Isaac Harbour Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.
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384. †*Sheet 30 (Country Harbour Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.
385. †*Sheet 31 (Roman Valley Sheet), parts of Antigonish and Guysborough Counties. Scale 1 mile to 1 inch. Price, 10c.
386. †*Sheet 32 (Pomquet Harbour Sheet), part of Antigonish County. Scale 1 mile to 1 inch. Price, 10c.
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388. †*Sheet 34 (Antigonish Sheet), parts of Antigonish and Pictou Counties. Scale 1 mile to 1 inch. Price, 10c.
389. †*Sheet 35 (Lochaber Sheet), parts of Antigonish and Pictou Counties. Scale 1 mile to 1 inch. Price, 10c.
390. †*Sheet 36 (West River St. Marys Sheet), parts of Guysborough and Pictou Counties. Scale 1 mile to 1 inch. Price, 10c.
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565. †*Sheet 39 (Tangier Sheet), part of Halifax County. Scale 1 mile to 1 inch. Price, 10c.
592. †*Sheet 40 (Sheet Harbour Sheet), part of Halifax County. Scale 1 mile to 1 inch. Price, 10c.
607. †*Sheet 41 (Fifteen-mile Stream Sheet), parts of Halifax and Guysborough Counties. Scale 1 mile to 1 inch. Price, 10c.
593. †*Sheet 42 (Trafalgar Sheet), parts of Halifax, Pictou and Colchester Counties. Scale 1 mile to 1 inch. In press.
598. †*Sheet 43 (Stellarton Sheet), part of Pictou County. Scale 1 mile to 1 inch. In press.
600. †*Sheet 44 (New Glasgow Sheet), part of Pictou County. Scale 1 mile to 1 inch. In press.
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609. †*Sheet 46 (Pictou Sheet), part of Pictou County. Scale 1 mile to 1 inch. In press.
610. †*Sheet 47 (Westville Sheet), parts of Pictou and Colchester Counties. Scale 1 mile to 1 inch. In press.
633. †*Sheet 48 (Eastville Sheet), parts of Pictou, Colchester and Halifax Counties. Scale 1 mile to 1 inch. In press.
634. †*Sheet 49 (Upper Musquodoboit Sheet), parts of Colchester and Halifax Counties. Scale 1 mile to 1 inch. Price, 10c.
624. †*Sheet 50 (Moose River Sheet), part of Halifax County. Scale 1 mile to 1 inch. Price, 10c.
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637. †*Sheet 58 (Earlton Sheet), part of Colchester County. Scale 1 mile to 1 inch. In press.
652. †*Sheet 133 (Cape Dauphin Sheet), parts of Cape Breton and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.
653. †*Sheet 134 (Sydney Sheet), parts of Cape Breton and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.
654. †*Sheet 135 (Little Glace Bay Sheet), part of Cape Breton County. Scale 1 mile to 1 inch. Price, 10c.
230. *Sheet 4 N. W. (Cumberland Coal-field Sheet.) See page 28.
378. †*Sheet 11 S. W., part of Guysborough County. Scale 4 miles to 1 inch. Price, 10c.
362. *South-western Nova Scotia. See page 35.
641. *Western Nova Scotia. See page 38.
82. *Pictou Coal-field. See page 16.
93. *Acadia Iron Mines. See page 17.

100. *Index Map of Springhill Coal-field. See page 18.
 622. †*Killag Gold District, Halifax County. Scale 500 feet to 1 inch. Price, 10c.
 642. †*Oldham Gold District, Halifax County. Scale 500 feet to 1 inch. Price, 10c.
 643. †*Caribou Gold District, Halifax County. Scale 500 feet to 1 inch. Price, 10c.
 645. †*Goldenville Gold District, Guysborough County. Scale 250 feet to 1 inch. Price, 10c.
 646. †*Moose River Gold District, Halifax County. Scale 250 feet to 1 inch. Price, 10c.
 647. †*Salmon River Gold District, Halifax County. Scale 250 feet to 1 inch. Price, 10c.
 648. †*Mooseland Gold District, Halifax County. Scale 250 feet to 1 inch. Price, 10c.
 649. †*Forest-hill Gold District, Guysborough County. Scale 500 feet to 1 inch. Price, 10c.
 650. †*Fifteen-mile Stream Gold District, Halifax County. Scale 500 feet to 1 inch. Price, 10c.
 656. †*Upper Seal Harbour Gold District, Guysborough County. Scale 500 feet to 1 inch. Price, 10c.
 666. †*Lawrencetown Gold District, Halifax County. Scale 500 feet to 1 inch. In press.

New Brunswick and Prince Edward Island.

NOTE.—The following Maps of the regular series for New Brunswick, Prince Edward Island, Eastern Quebec and Northern Nova Scotia, are referred to in the Reports of the Geological Survey, as follows:—

Reference for Map No. 143, Part D, 1878-79.

“	“	144	“	D, DD & E, 1877-78 and D, 1878-79.
“	“	145	“	D, 1877-78 and D, 1878-79.
“	“	162	“	D, 1879-80 and D, 1880-81-82.
“	“	163	“	D, 1880-81-82.
“	“	164	“	D & DD, 1880-81-82.
“	“	165	“	D, 1879-80, D & DD, 1880-81-82.
“	“	166	“	D, 1879-80, and D, 1880-81-82.
“	“	174	“	G, 1882-83-84.
“	“	175	“	DD, 1880-81-82 and E & F, 1882-83-84.

Reference for Maps No. 176 to 179 “ E, 1882-83-84.

“	“	180	“	DD, 1880-81-82 and E, 1882-83-84.
“	“	181	“	DD, 1880-81-82 and E, 1882-83-84.
“	“	182 & 183	“	DD, 1880-81-82, and E and F, 1882-83-84.
“	“	230	“	E, Vol. I, 1885.
“	“	231	“	G, Vol. I, 1885.
“	“	254	“	N, Vol. II, 1886.
“	“	290	“	M, Vol. III, 1887-88.
“	“	350	“	M, Vol. V, 1890-91.

143. *Sheet 1 S.W. (St. Stephen Sheet.) See page 22.

174. †* “ 1 N.W. (Fredericton Sheet), parts of Sunbury, York and Carleton Counties, New Brunswick. Scale 4 miles to 1 inch. Price, 10c.

144. *Sheet 1 S.E. (St. John Sheet.) See page 23.

145. * “ 1 N.E. (Grand Lake Sheet.) See page 23.

231. * “ 2 S.W. (Andover Sheet.) See page 28.

254. * “ 2 N.W. (Grand Falls Sheet.) See page 29.

162. * “ 2 N.E. (Newcastle Sheet.) See page 25.

163. * “ 2 S.E. (Richibucto Sheet.) See page 25.

164. *Sheet 3 S.W. (Dalhousie Sheet.) See page 25.
 165. * " 3 S.E. (Bathurst Sheet.) See page 25.
 230. * " 4 N.W. (Cumberland Coal-field Sheet.) See page 28.
 177. †* " 5 N.W. (North Point Sheet), part of Prince County, Prince Edward Island.
 Scale 4 miles to 1 inch. Price, 10c.
 178. †*Sheet 5 S.W. (Buctouche Sheet), parts of Kent County, New Brunswick and
 Prince and Queens Counties, Prince Edward Island. Scale 4 miles to 1 inch.
 Price, 10c.
 179. †*Sheet 5 S.E. (Charlottetown Sheet), parts of Prince and Queens Counties, Prince
 Edward Island. Scale 4 miles to 1 inch. Price, 10c.
 166. *Sheet 6 S.W. (Shippegan Sheet.) See page 25.
 290. * " 17 N.E. (Madawaska Sheet.) See page 31.
 350. * " 18 S.E. (Temiscouata Sheet.) See page 34.
 317. * " 1 S.W. (St. Stephen Sheet.) Surface Geology. See page 32.
 318. * " 1 S.E. (St. John Sheet.) " " 33.
 319. * " 1 N.E. (Grand Lake Sheet.) " " 33.
 562. * " 2 S.E. (Richibucto Sheet.) " " 36.
 289. * " 2 N.E. (Newcastle Sheet.) " " 31.
 252. * " 3 S.W. (Dalhousie Sheet.) " " 29.
 253. * " 3 S.E. (Bathurst Sheet.) " " 29.
 561. * " 4 N.W. (Cumberland Coal-field Sheet) " " 36.
 563. * " 5 S.W. (Buctouche Sheet.) " " 36.
 288. * " 6 S.W. (Shippegan Sheet.) " " 31.
 558. *Map showing area occupied by Pleistocene Glaciers at their maximum extension.
 See page 36.
 559. *Map showing striation from Local Glaciers and Floating Ice during the closing
 stage of the Pleistocene. See page 36.
 81. *York, Carleton and Victoria Counties. See page 16.
 104. *Iron Ores of Carleton County. See page 19.
 123. *Map of the Lower Carboniferous Rocks of Albert and Westmoreland Counties.
 See page 21.
 675. *Map of Principal Mineral Occurrences in New Brunswick. See page 39.

Quebec.

175. †*Sheet 3 N.E. (Head-waters Bonaventure River Sheet), parts of Bonaventure and
 Gaspé Counties, Quebec. Scale 4 miles to 1 inch. Price, 10c.
 176. †*Sheet 3 N.W. (Lake Matapedia Sheet), parts of Rimouski and Bonaventure
 Counties, Quebec. Scale 4 miles to 1 inch. Price, 10c.
 164. *Sheet 3 S.W. Dalhousie Sheet.) See page 25.
 165. * " 3 S.E. (Bathurst Sheet.) See page 25.
 180. †* " 6 N.W. (Douglastown Sheet), part of Gaspé County, Quebec. Scale 4 miles
 to 1 inch. Price, 10c.
 181. †*Sheet 7 S.W. (Fox River Sheet), parts of Gaspé County and Island of Anticosti,
 Quebec. Scale 4 miles to 1 inch. Price, 10c.
 182. †*Sheet 15 S.E. (Cape Marsouin Sheet), part of Gaspé County, Quebec. Scale 4
 miles to 1 inch. Price, 10c.
 183. †*Sheet 15 S.W. (Ste. Anne de Monts Sheet), parts of Saguenay and Gaspé Coun-
 ties, Quebec. Scale 4 miles to 1 inch. Price, 10c.
 290. *Sheet 17 N.E. (Madawaska Sheet.) See page 31.
 350. * " 18 S.E. (Temiscouata Sheet.) See page 34.
 251. *South-east quarter-sheet "Eastern Townships" Map (Sherbrooke Sheet). See
 page 29.
 375. †*North-east quarter-sheet "Eastern Townships" Map (Quebec Sheet). Lotbinière,
 Portneuf, Quebec, Dorchester, Bellechasse and Montmagny Counties). See Part
 K, Vol. III, 1887-88. Scale 4 miles to 1 inch. Price, 10c.

- 571.** *South-west quarter-sheet "Eastern Townships" Map (Montreal Sheet). See page 36.
- 665.** †*North-west quarter-sheet "Eastern Townships Map" Map (Three Rivers Sheet). Scale 4 miles to 1 inch. Price, 10c.
 Topographical Map of the Eastern Townships (in four sheets), from St. Jérôme and Lake of Two Mountains, on the west, to the New Hampshire and Maine Boundary, on the east, and from Latitude 45° N. to 47° 50' N. Scale 4 miles to 1 inch.
 The above map is the geographical basis prepared by the Geological Survey for Maps Nos. 251, 375 and 571, and for one other geological sheet not yet printed. Two editions of it have been published, by permission of the Director, from transfers from the original plates, one by Walker & Miles in 1875, and the other by Dawson Bros. in 1883.
- 376.** †*Walker & Miles edition. Price, \$1.00 per sheet.
- 377.** †*Dawson Bros. edition. Out of print.
- 13.** *Map of the Island of Anticosti. See page 11.
- 43.** Map showing distribution of the Devonian and Silurian Formations in part of Gaspé. See page 12.
- 44.** Topographical Map of the Magdalen River, Gaspé. See page 12.
- 401.** Map of a portion of Gaspé. See page 49.
- 49.** Map showing distribution of the Devonian and Silurian Formations in part of Gaspé. See page 13.
- 80.** *Map showing distribution of Lower Silurian Rocks between the Chaudière and Trois Pistoles Rivers. See page 16.
- 57.** Map showing distribution of Limestone Conglomerates at Point Lévis. See page 14.
- 45.** Map of vicinity of Lake St. John. See page 12.
- 287.** *Asbestos district of Thetford and Coleraine. See page 31.
- 667.** *Map of Gold Areas and Glaciation of South-eastern Quebec. See page 39.
- 56.** *Map of east side of Lake Champlain, in the vicinity of the International Boundary. See page 14.
- 12.** Map showing distribution of Crystalline Limestones between Grenville and Rawdon. See page 11.
- 47.** Map of Argenteuil and Ottawa Counties. See page 13.
- 54.** *Map of parts of the Counties of Ottawa, Terrebonne, Argenteuil and Two Mountains. See page 13.
- 590.** *Joliette, Argenteuil, Terrebonne and Montcalm Counties. See page 37.
- 122.** *Map of Ottawa County. See page 21.
- 668.** *Map of the Graphite District, Labelle County. See page 39.
- 228.** *Map of Lake Mistassini. See page 28.
- Ontario.*
- 570.** *Sheet No. 125—French River Sheet. See page 38.
- 605.** †*Sheet No. 126—Manitoulin Island Sheet. Algoma District. Scale 4 miles to 1 inch. In press.
- 630.** *Sheet No. 129.—Mississagi Sheet. Algoma District. Scale 4 miles to 1 inch. In press.
- 343.** *Sheet No. 130—Sudbury Sheet. See page 34.
- 606.** *Sheet No. 131—Lake Nipissing Sheet. See page 39.
- 509.** *Sheet No. 138—Lake Temiscaming Sheet. See page 39.
- 227.** *Western Ontario—Sheet 1—Northern part of Lake of the Woods. 2nd edition, April, 1898. See page 28.
- 373.** †*Western Ontario—Sheet 2—Rainy River Sheet (Southern part of Lake of the Woods), part of Rainy River District. (See Part F., Vol. III, 1887-88.) Scale 2 miles to 1 inch. Price, 10c.

263. *Western Ontario—Sheet 3—Rainy Lake Sheet. See page 31.
 560. * “ “ 6—Seine River Sheet. See page 39.
 342. *Western Ontario—Sheet 7—Hunters Island Sheet. See page 34.
 589. * “ “ 9—Lake Shebandowan Sheet. See page 39.
 639. *Map showing “Corundum Belt.” See page 38.
 103. *Lanark County and parts of Renfrew and Leeds. See page 19.
 91. Plan of the Dalhousie Iron Mine. See page 17.
 99. Plan of North Burgess Phosphate District. See page 18.
 626. †*Map showing the Occurrences of Iron Ores and other Minerals in portions of the Counties of Frontenac, Lanark, Leeds and Grenville. Scale 2 miles to 1 inch. In press.
 88. Township of Marmora. See page 16.
 79. *Parts of the Counties of Peterborough, Hastings, Addington and Frontenac. See page 15.
 374. †*Map of the Madoc and Marmora Mining District, part of Hastings County. Scale 40 chains to 1 inch. Price, 10c.
 344. Sketch-map of Niagara Peninsula. See page 34.
 345. Sketch-map of Essex County. See page 34.
 346. Sketch-map, Whitby, Ont., to Fredonia, N. Y. See page 34.
 347. Sketch-map of South-western Ontario. See page 34.
 348. Sketch-map, Port Colborne to Kincardine. See page 34.
 349. Sketch-map, Whitby to Courtright. See page 34.
 681. †*Sketch-map of Oil Areas in Lambton County. Scale 4 miles to 1 inch. In press.
 682. †*Sketch-map of Gas-field in Essex County. Scale 4 miles to 1 inch. In press.
 683. †*Sketch-map of Gas-field in Welland County. Scale 4 miles to 1 inch. In press.
 14. *Index Plan of Maps Nos. 17 to 27. See page 11.
 15. *Index Plan of Maps Nos. 28 to 38. See page 11.
 17 to 38. *Maps showing the Explorations on the North Shore of Lake Huron and between Georgian Bay and the Ottawa River. See pages 11-12.
 393. Plan of the Bruce Mines Location. See page 49.
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 42. *Map showing distribution of Huronian Limestones between Root River and Bruce Mines. See page 12.
 48. Map showing distribution of Huronian Rocks between Rivers St. Mary and Missisagui. See page 13.
 55. *Map showing distribution of Huronian Rocks between Rivers Batchewahung and Missisauga. See page 14.
 159. *Map of the Basin of Moose River. See page 25.
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 78. *Topographical Map of Thunder Bay and Lake Nipigon Regions. See page 15.
 285. *Thunder Bay Mining Region. See page 31.
 286. *Silver Mountain Mining District. See page 31.
 161. *Lake of the Woods and adjacent Country. See page 25.

Manitoba.

129. *Lake Winnipeg. See page 21.
 282. *Topographical Map of Duck and Riding Mountains. See page 31.
 339. *Geological Map of North-western Manitoba. See page 34.
 340. *Map showing Forest distribution in North-western Manitoba. See page 34.
 341. Plan of Mossy Portage. See page 31.
 314. Map of Glacial Lake Agassiz. See page 32.

- 316.** Map of Beaches and Deltas of Glacial Lake Agassiz. See page 32.
- 664.** †*Geological Map of Lake Winnipeg and Vicinity. Scale 8 miles to 1 inch.
Price, 10c.
- North-east and North-west Territories.*
- 585-588.** *Labrador Peninsula, 4 sheets. See page 37.
- 554.** *Sketch-map of Labrador Peninsula. See page 36.
- 128.** *East Coast Hudson Bay. See page 21.
- 229.** *Ottawa Islands, Hudson Bay. See page 28.
- 576.** *Vicinity of Red Lake and part of Berens River. See page 36.
- 361.** Sketch-map of Vicinity of Red Lake. See page 35.
- 130.** *Nelson and Hayes Rivers. See page 21.
- 142.** *Gods and Island Lakes. See page 22.
- 619.** *Map of Sledge Routes, Fort Churchill to Nelson River. See page 38.
- 621.** *Diagram showing positions successively occupied by the Centre of the Keewatin Glacier. See page 38.
- 603.** *Doobaunt and Kazan Rivers and North-west Coast of Hudson Bay. See page 38.
- 98.** *Saskatchewan River. See page 18.
- 225.** *Geological Map of Cypress Hills and Wood Mountain District. See page 27.
- 226.** *Map showing Wooded and Prairie Tracts of the Cypress Hills and Wood Mountain District. See page 27.
- 158.** *Index Map of Coal and Lignite Outcrops in the Bow and Belly Rivers District. (Southern Alberta.) See page 25.
- 171.** *Geological Map of the Bow and Belly Rivers District. (Southern Alberta.) See page 26.
- 172.** *Map showing Wooded and Prairie Tracts in the Bow and Belly Rivers District. (Southern Alberta.) See page 26.
- 249.** *Geological Map of Northern Alberta. See page 29.
- 250.** *Map showing Wooded and Prairie Tracts in Northern Alberta. See page 29.
- 224.** *Cascade Coal Basin. See page 27.
- 223.** *Reconnaissance Map of a portion of the Rocky Mountains. See page 27.
- 173.** *Athabasca River. See page 26.
- 336.** *Index Map of Country between the lower portions of the Peace and Athabasca Rivers. See page 34.
Peace and Athabasca Rivers. Scale 10 miles to 1 inch. See Part D, Vol. V., 1890-91.
- 594.** †*Sheet I.—Lake Athabasca Sheet. Price, 10c.
- 595.** †* “ II.—Lesser Slave Lake Sheet. “
- 596.** †* “ III.—Dunvegan Sheet. “
- 597.** *Country between Lake Athabasca and Churchill River. See page 37.
- 112.** *Forks of Peace and Smoky Rivers to Carlton House. See page 20.
- 150-152.** *Part of British Columbia and North-west Territory from the Pacific Ocean to Fort Edmonton. Sheets I, II, III. See page 24.
- 676.** †*Yellow Head Pass Route from Edmonton to Tête-Jaune Cache. Scale 8 miles to 1 inch. Price, 10c.
- 304.** *Index Map of Routes of the Yukon Expedition. See page 32.
- 305-313.** *Liard, Mackenzie and Yukon Rivers (9 sheets). See page 32.
- 688.** †*Map of Klondike Gold Fields. Yukon District. Scale 2 miles to 1 inch.
Price, 10c.

British Columbia.

- 676.** †*Yellow Head Pass Route from Edmonton to Tête-Jaune Cache. Scale 8 miles to 1 inch. Price, 10c.
- 223.** *Reconnaissance Map of a portion of the Rocky Mountains. See page 27.
- 303.** *Reconnaissance Map of a portion of the West Kootanie District. See page 32.

620. †*Part of Trail Creek Mining Division, West Kootanie District. Scale 1 mile to 1 inch. Price, 10c.
127. *Geological Map of the Southern Interior of British Columbia. See page 21.
363. †*Portion of the Southern Interior of British Columbia. (Preliminary edition, not geologically coloured, 1887.) Scale 8 miles to 1 inch. Price, 10c.
604. †*Shuswap Sheet, Geological. Scale 4 miles to 1 inch. Price, 10c.
669. †*Shuswap Sheet. Economic Minerals, Glacial Striæ, &c. Scale 4 miles to 1 inch. Price, 10c.
556. *Kamloops Sheet. Geological. See page 36.
557. *Kamloops Sheet. Topographical, *etc.* See page 36.
120. *Map of the Country between Fraser River and Coast Range. See page 20.
278. *Cariboo Mining District. See page 31.
279. *Island Mountain and Mosquito Creek. See page 31.
280. *Hixon Creek Quartz Locations. See page 31.
281. *Veins and Placer Mines of Hixon Creek. See page 31.
- NOTE.—The following nine Maps and Section (Nos. 364 to 372) are supplied separately at 10c. each, or together in portfolio, price, 50c. :—
364. †*Placer Mines and Quartz Locations in the vicinity of Williams Creek. Scale 10 chains to 1 inch. Price, 10c.
365. †*Placer Mines and Quartz Veins in the vicinity of Lightning Creek. Scale 6 inches to 1 mile. Price, 10c.
366. †*Placer Mines of Antler Creek. Scale 3 inches to 1 mile. Price, 10c.
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372. †*Section along Harvey Creek. Horizontal scale 4,000 feet to 1 inch, vertical scale 800 feet to 1 inch. Price, 10c.
111. *Sketch Map from Quesnel Mouth to the Forks of the Peace and Smoky Rivers. See page 20.
- 150-152. *Part of British Columbia and the North-west Territory from the Pacific Ocean to Fort Edmonton. Sheets I, II and III. See page 24.
567. *Finlay and Omenica Rivers. See page 36.
274. *Index Map of Yukon District. See page 31.
- 275-277. *Stikine, Upper Liard, Frances and Yukon Rivers. (Sheets, I, II and III.) See page 31.
304. *Index Map of Routes of the Yukon Expedition. See page 32.
87. Coal-fields of Nanaimo and Comox. See page 16.
90. *Part of the Strait of Georgia and Vancouver Island. See page 17.
121. *Coal-fields of Comox, Nanaimo and Cowitchin on Vancouver and adjacent islands. See page 21.
247. *Northern portion of Vancouver Island and adjacent coasts. See page 29.
139. *Queen Charlotte Islands. See page 22.
140. *Plans of Harbours, Queen Charlotte Islands. See page 22.
141. *Skidegate Inlet, Queen Charlotte Islands. See page 22.
435. *Map of part of Queen Charlotte Islands. See page 51.
149. *Map illustrating the distribution of some of the more important Trees in British Columbia. See page 24.
455. *Map showing the distribution of the Indian Tribes of British Columbia. See page 57.

PUBLICATIONS NOT INCLUDED IN THE REPORTS OF
PROGRESS, ANNUAL REPORTS, AND SUMMARY
REPORTS.

GEOLOGY, MINERALOGY, ETC.

(Including reprints, etc.)

- 391.** *Remarks on the Mining Region of Lake Superior, addressed to the Committee of the Honourable the Executive Council; and Report on Mining Locations claimed on the Canadian Shores of the Lake,—addressed to the Commissioner of Crown Lands. By W. E. Logan. Montreal, 1847, 8vo. pp. 31. Price, 20c.
- 392.** *Report on the North Shore of Lake Huron with Appendix on the Contents of Lodes. By W. E. Logan. Montreal, 1849. With Maps 393 and 394. 8vo. pp. 51. Out of print.
- 393.** Plan of the location of the Bruce Mines, the property of the Montreal Mining Company. Scale 40 chains to 1 inch.
- 394.** Plan of part of the Bruce Mines showing the Mineral Veins. Scale 2 chains to 1 inch.
- 395.** *Esquisse Géologique du Canada, pour servir à l'intelligence de la Carte Géologique et de la Collection des Minéraux économiques envoyés à l'Exposition Universelle de Paris, 1855. Par W. E. Logan et T. Sterry Hunt. Paris, 1855, 12mo. pp. 100. With Map. No. 396. Out of print.
- 396.** *Coloured Geological Map of British North America. Accompanies Publication No. 395. Scale 150 miles to 1 inch. Out of print.
- 397.** *Esquisse Géologique sur le Canada, pour servir à l'intelligence de la Carte Géologique et à la Collection des Minéraux économiques envoyés à l'Exposition Universelle de Paris, 1855. Par W. E. Logan et T. Sterry Hunt. Paris, 1855. Large 8vo. pp. 31. (Reprint of pages 1 to 83 of No. 395, without Map.) Price, 10c.
- 398.** *Descriptive Catalogue of a Collection of the Economic Minerals of Canada, and of its Crystalline Rocks, sent to the London International Exhibition for 1862. Montreal. Large 8vo. pp. 83. Price, 10c.
- 399.** *Notes on the Gold of Eastern Canada, being a reprint of portions of various Reports of the Geological Survey of Canada, from 1848 to 1863. Montreal, 1864. 8vo. pp. 40. Price, 25c.
- 400.** *Petroleum—Its Geological Relations considered with especial reference to its occurrence in Gaspé. Addressed to the Hon. Commissioner of Crown Lands. By T. Sterry Hunt. With Map No. 401. Quebec, 1865, 8vo. pp. 19. Out of print.
- 401.** Geological Map of a portion of Gaspé. Accompanies Publication No. 400. Scale 4 miles to 1 inch.
- 460.** *Reports on the Gold Region of Canada. Transmitted to the Hon. Commissioner of Crown Lands. By A. Michel and T. Sterry Hunt. Montreal, 1866. Large 8vo. pp. 72. (Michel's report both in French and English. (See No. 64, p. 14.) Out of print.
- 402.** *Esquisse Géologique du Canada, suivie d'un Catalogue Descriptif de la Collection de Cartes et Coupes géologiques, Livres imprimés, Roches, Fossiles et Minéraux économiques envoyés à l'Exposition Universelle de 1867. Par T. Sterry Hunt. Paris, 1867, 8vo. pp. 72. Out of print.
- 403.** *Report on the Gold Region of the County of Hastings. Transmitted to the Hon. Commissioner of Crown Lands, January 29, 1867. By T. Sterry Hunt and A. Michel. Montreal, 1867. Large 8vo. pp. 11. Out of print.
- 404.** *Report on the Gold Region of Nova Scotia. By T. Sterry Hunt. Ottawa, 1868. Large 8vo. pp. 48. Price, 25c.
- 405.** *Descriptive Catalogue of a Collection of the Economic Minerals of Canada and Notes on a Stratigraphical Collection of Rocks. Philadelphia International Exhibition, 1876. Montreal, 1876. Large 8vo. pp. 152. Price, 10c.

- 406.** *Exposition Universelle de 1878, à Paris. Catalogue des Minéraux, Roches et Fossiles du Canada, avec Notes descriptives et explicatives. Par B. J. Harrington. Londres, 1878, 8vo. pp. 134. Price, 25c.
- 407.** *List of Exhibits in the Canadian Mineralogical Section at the Paris Universal Exhibition, 1878. Large 8vo. pp. 8. Out of print.
- 408.** *Preliminary Note on the Geology of the Bow and Belly Rivers District, N. W. Territory, with special reference to the Coal Deposits. By George M. Dawson. With Map No. 158. Montreal, 1882. Large 8vo. pp. 19. See Part B, Report of Progress for 1880-81-82, page 24. Price, 10c.
- 409.** *Descriptive Catalogue of a Collection of the Economic Minerals of Canada. Colonial and Indian Exhibition, London, 1886. London, 1886. Large 8vo. pp. 172. Price, 10c.
- 410.** *Descriptive Sketch of the Physical Geography and Geology of the Dominion of Canada. By Alfred R. C. Selwyn and G. M. Dawson. With Map No. 411. Montreal, 1884. Large 8vo. pp. 55. Price, 30c.
- 411.** *Map of the Dominion of Canada, Geologically coloured from Surveys made by the Geological Corps, 1842 to 1882, (2 sheets). Scale 45 miles to 1 inch. Accompanies Publication No. 410. Price, 20c.
- 412.** *Catalogue of Section One of the Museum of the Geological Survey, embracing the Systematic Collection of Minerals, and the Collections of Economic Minerals and Rocks and Specimens illustrative of Structural Geology. By G. Christian Hoffmann. Ottawa, 1893. Large 8vo. pp. 256. Price, 10c.
- 413.** *Catalogue of a Stratigraphical Collection of Canadian Rocks, prepared for the World's Columbian Exposition, Chicago, 1893. By Walter F. Ferrier, Ottawa, 1893. Large 8vo. pp. 128. Price, 10c.
- 629.** *Report on an Exploration in the Yukon District, N. W. T., and adjacent Northern portion of British Columbia, 1887. By George M. Dawson. With Extracts relating to the Yukon District from Report on an Exploration in the Yukon and Mackenzie Basins, 1887-88. By R. G. McConnell. Ottawa, 1898. Large 8vo. pp. 244. With Maps Nos. 275, 276 and 277. (See page 31.) Price, 30c.
- 655.** *Descriptive Note on the Sidney Coal Field, Cape Breton, Nova Scotia, to accompany a revised edition of the Geological Map of the Coal Field being Sheets 133, 134, 135, N.S. Ottawa, 1900. Large 8vo. pp. 16. (See Nos. 652, 653 and 654, page 42.) Price, 30c.
- 687.** *Preliminary Report on the Klondike Gold Fields, Yukon District, Canada. By R. G. McConnell, Ottawa, 1900. Large 8vo. pp. 44. With Map No. 688. (See page 47.) Price, 10c.
- 693.** Descriptive Catalogue of a Collection of the Economic Minerals of Canada. Paris Exhibition, 1900. Large 8vo. pp. 217. Price, 10c.
- 694.** Catalogue descriptif des minéraux du Canada. Exposition universelle de 1900. Paris. Large 8vo. pp. . Price, 10c.
- 638.** *General Index of the Reports from 1863 to 1884. By D. B. Dowling. Ottawa, 1900. Large 8vo. pp. 478. In press.
- Mineral Production of Canada :—
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| 414. *For 1886. | 418. *For 1890. | 422. *For 1893. |
| 415. * " 1887. | 419. * " 1891. | 555. * " 1894. |
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- All the above are superseded by No. 623.
- 623.** *Mineral Production of Canada for 1886-1896. Contains all the statistics for previous years, revised and corrected.
- 640.** *Mineral Production of Canada for 1897.
- 671.** * " " " 1898.
- 686.** * " " " 1899.
- NOTE.—The above summaries of Mineral Production are sent free of charge on application.

- Canada—A Geographical, Agricultural and Mineralogical Sketch. By T. Sterry Hunt. Published by authority of the Bureau of Agriculture. Quebec, 1865. 8vo. pp. 33. Price, 25c.
- Laurentian Limestones of North America. Reprinted, with additions, from the Report of the Geological Survey for 1863-66. By T. Sterry Hunt. (Report of the Regents of the University on the New York State Cabinet of Natural History for 1867. Appendix E.) Albany, 1871. 8vo. pp. 54. Price, 50c.
- Report on the Geology of Newfoundland for 1865. By A. Murray. With a Prefatory Report and an Appendix by W. E. Logan. With a Map of Belvie Bay. Montreal, 1866. Large 8vo. pp. 46. Price, 10c.
- Report on the Canadian Phosphates considered with reference to their Application to Agriculture. Part I. By G. Broome. (Reprinted from the Canadian Naturalist, Vol. V.) Montreal, 1870. 8vo. pp. 23. Price, 10c.
- Report on the Tertiary Lignite Formation in the vicinity of the 49th Parallel. By George M. Dawson. (British North American Boundary Commission, 1873.) Montreal, 1874. Large 8vo. pp. 31. Price, 25c.
- Report on the Geology and Resources of the Region in the vicinity of 49th Parallel from the Lake of the Woods to the Rocky Mountains, with lists of Plants and Animals collected, and Notes on the Fossils. By George M. Dawson. With folding plate of Sections, General Geological Map of the Country in the vicinity of the 49th Parallel and Geological Map of the Lake of the Woods. Montreal, 1875. Large 8vo. pp. 387. Price, \$1.50.
- Report on the Climate and Agricultural Value, general Geological Features and Minerals of Economic Importance of part of the northern portion of British Columbia and of the Peace River Country. By George M. Dawson. (Reprinted from the Canadian Pacific Railway Report for 1880.) Large 8vo. pp. 25. Price, 10c.
- The Quebec Group in Geology, with an Introductory Address. By A. R. C. Selwyn. (Reprinted from Vol. I of the Transactions of the Royal Society of Canada, 1882.) 4to. pp. 14. Price, 10c.
- On the Geology of Lake Superior. By A. R. C. Selwyn. (Reprinted from Vol. I of the Transactions of the Royal Society of Canada, 1883.) 4to. pp. 6. Price, 10c.
- A History of New Brunswick Geology. By R. W. Ellis. Montreal, 1887. 8vo. pp. 64. Price, 10c.
- On the Nickel and Copper Deposits of Sudbury, Ont. By A. E. Barlow. (Reprinted from Ottawa Naturalist, 1891.) 8vo. pp. 20. Price, 10c.
- The Physical Geography and Geology of Canada. By George M. Dawson. (Reprinted from Handbook of Canada, issued by the Publication Committee of the Local Executive of the British Association. Toronto, 1897. 8vo. pp. 48. Price, 10c.
- On the Origin of some Archæan Conglomerates. By A. E. Barlow. Reprinted from the Ottawa Naturalist for February, 1899. Vol. XII., pp. 205, 217, Ottawa. Plates, VI.-IX. Price, 10c.

PALÆONTOLOGY.

(Including reprints, etc.)

423. *Decade 1—Descriptions of 28 species of Lower Silurian Fossils. By J. W. Salter. With 10 plates. Montreal, 1859. Large 8vo. pp. 47. Price, 50c.
424. *Decade 2—A Monograph of the Graptolitidæ of the Quebec Group. By James Hall. With 23 plates. Montreal, 1865. Large 8vo. (limited edition 4to.) pp. 151. Price, \$1.00.
425. *Decade 3—Monographs of Lower Silurian Cystidæ and Asteriadæ. By E. Billings. Description of the genus Cyclocystoides. By J. W. Salter and E. Billings. Monograph of the Palæozoic Bivalve Entomostraca of Canada. By T. Rupert Jones. With 11 plates. Montreal, 1858. Large 8vo. pp. 102. Price, 50c.

- 426.** *Decade 4—Monograph of the Lower Silurian Crinoidea. By E. Billings. With 10 plates. Montreal, 1859. Large 8vo. pp. 72. Price, 50c.
NOTE.—“Descriptions of some new Genera and Species of the Silurian and Devonian Formations of Canada” was published in 1857. See Publication No. 41, page 12.
- 427.** *Catalogues of the Silurian Fossils of the Island of Anticosti, with descriptions of some new Genera and Species. By E. Billings. Montreal, 1866. Large 8vo. pp. 93. Price, 50c.
- 428.** *Fossil Plants of the Devonian and Upper Silurian Formations of Canada. By J. W. Dawson. With 20 plates. Montreal, 1871. Large 8vo. pp. 92. Price, 50c.
- 429.** *Fossil Plants of the Erian (Devonian) and Upper Silurian Formations of Canada. By J. W. Dawson. With 4 plates. Montreal, 1882. Large 8vo. pp. 49. Forms Part II of the preceding. Price, 25c.
- 430.** *Fossil Plants of the Lower Carboniferous and Millstone Grit Formations of Canada. By J. W. Dawson. With 10 plates. Montreal, 1873. Large 8vo. pp. 47. Price, 50c.
- 431.** *Palæozoic Fossils—Vol. I, 1861-65—containing descriptions and figures of new or little known species of Organic Remains from the Silurian rocks. By E. Billings. Montreal, 1865. Large 8vo. cloth and unbound, pp. 426. Price, \$2.00.
NOTE.—Pages 1 to 344 were printed in four parts, between Nov., 1861, and Feb., 1865, under the title “New Species of Lower Silurian Fossils.” Large 8vo.
- 432.** *Palæozoic Fossils—Vol. II, Part I. By E. Billings. With 10 plates. Montreal, 1874. Large 8vo. pp. 144. Price, 25c.
- 433.** *Palæozoic Fossils—Vol. III, Part I. By J. F. Whiteaves. With 8 plates. Montreal, 1884. Large 8vo. pp. 43. Price, 25c.
- 564.** *Palæozoic Fossils—Vol. III, Part II. By J. F. Whiteaves. With 9 plates. Ottawa, 1895. Large 8vo. pp. 84.
(2.) Revision of the Fauna of the Guelph Formation of Ontario, with descriptions of a few new species.
(3.) Systematic list, with references, of the Fossils of the Hudson River or Cincinnati Formation at Stony Mountain, Manitoba. Price, 25c.
- 615.** *Palæozoic Fossils. Vol. III, Part III.
(4.) The fossils of the Galena-Trenton and Black River Formations of Lake Winnipeg and its vicinity. Price, 25c.
- 434.** *Mesozoic Fossils—Vol. I, Part I—On some Invertebrates from the Coal-bearing rocks of the Queen Charlotte Islands, collected by Mr. J. Richardson in 1872. By J. F. Whiteaves. With 10 plates and Map No. 435. Montreal, 1876. Large 8vo. pp. 92. Price, 25c.
- 435.** *Map showing the localities of Fossils, collected by J. Richardson in 1872, from the Queen Charlotte Islands. Accompanies Publication No. 434. Scale 1 nautical mile to 1 inch. Price, 10c.
- 436.** *Mesozoic Fossils—Vol. I, Part II—On the Fossils of the Cretaceous rocks of Vancouver and adjacent islands in the Strait of Georgia. By J. F. Whiteaves. With 10 plates. Montreal, 1879. Large 8vo. pp. 98. Price, 25c.
- 437.** *Mesozoic Fossils—Vol. I, Part III—On the Fossils of the Coal-bearing deposits of the Queen Charlotte Islands, collected by Dr. G. M. Dawson in 1878. By J. F. Whiteaves. With 12 plates. Montreal, 1884. Large 8vo. pp. 72. Price, 25c.
- 438.** *Contributions to the Micro-Palæontology of the Cambro-Silurian rocks of Canada. Vol. I, Part I. By Arthur H. Foord. With 7 plates. Ottawa, 1883. Large 8vo. pp. 26.
(1.) On the Monticuliporidae of the Chazy, Black River and Trenton Formations, with descriptions of ten new species.

- (2.) On some previously unrecorded species of *Ptilodictya*, *Stictopora* and *Arthronema* from the Trenton Formation.
- (3.) On two species of *Tetradium* from the Trenton and Hudson River Formations. Price, 20c.
- 439.** *Contributions to the Micro-Palæontology of the Cambro-Silurian rocks of Canada. Vol. I. Part II. By E. O. Ulrich. With 2 plates. Montreal, 1889. Large 8vo. pp. 31.
- (4.) On some Polyzoa (Bryozoa) and Ostracoda from the Cambro-Silurian rocks of Manitoba. Price, 20c.
- 440.** *Contributions to Canadian Micro-Palæontology. Vol. I. Part III. By T. Rupert Jones. With 4 plates. Montreal, 1891. Large 8vo. pp. 41.
- (5.) On some Ostracoda from the Cambro-Silurian, Silurian and Devonian rocks. Price, 20c.
- 441.** *Contributions to Canadian Micro-Palæontology. Vol. I. Part IV. By D. Rüst. With 3 plates. Ottawa, 1892. Large 8vo. pp. 10.
- (6.) Radiolaria from the Pierre Formation of North-western Manitoba. Price, 10c.
- 442.** *Contributions to Canadian Palæontology. Vol. I. Part I. By J. F. Whiteaves. With 11 plates. Montreal, 1885. Large 8vo. pp. 89.
- (1.) On the Invertebrata of the Laramie and Cretaceous rocks of the vicinity of the Bow and Belly Rivers and adjacent localities in the North-west Territory. Price, 25c.
- 443.** *Contributions to Canadian Palæontology. Vol. I. Part II. By J. F. Whiteaves. With 15 plates. Montreal, 1889. Large 8vo. pp. 106.
- (2.) On some fossils from the Hamilton Formation of Ontario, with a list of the Species at present known from that Formation and Province.
- (3.) The Fossils of the Triassic rocks of British Columbia.
- (4.) On some Cretaceous Fossils from British Columbia, the North-west Territory and Manitoba. Out of print.
- 444.** *Contributions to Canadian Palæontology. Vol. I. Part III. By J. F. Whiteaves. With 6 plates. Montreal, 1891. Large 8vo. pp. 57.
- (5.) The Fossils of the Devonian rocks of the Mackenzie River basin. Price, 25c.
- 445.** *Contributions to Canadian Palæontology. Vol. I. Part IV. By J. F. Whiteaves. With 15 plates. Ottawa, 1892. Large 8vo. pp. 105.
- (6.) The Fossils of the Devonian rocks of the islands, shores, or immediate vicinity of Lakes Manitoba and Winnipegosis. Price, 50c.
- 659.** *Contributions to Canadian Palæontology. Vol. I, Part V, with appendix and index (completing the volume). By J. F. Whiteaves. With 3 plates. Ottawa, 1898. Large 8vo. pp. 76.
- (7.) On some additional or imperfectly understood fossils from the Hamilton formation of Ontario, with a revised list of the species therefrom. Price, 25c.
- 575.** *Contributions to Canadian Palæontology. Vol. II. Part I. By S. H. Scudder. With 5 plates. Ottawa, 1895. Large 8vo. pp. 66.
- (1.) The Tertiary Hemiptera of British Columbia.
- (2.) The Coleoptera hitherto found fossil in Canada.
- (3.) Notes on Myriopods and Arachnids found in Sigillarian Stumps in the Nova Scotia Coal-field. Price, 25c.
- 446.** *Contributions to Canadian Palæontology. Vol. III. Part I. On Vertebrata from the Tertiary and Cretaceous rocks of the North-west Territory. By E. D. Cope. With 14 plates. Montreal, 1891. 4to. pp. 27.
- (1.) The Species from the Oligocene or Lower Miocene beds of the Cypress Hills. Price, 50c.

684. *Contributions to Canadian Palæontology. Vol. IV, Part I. By Lawrence M. Lambe. With 5 plates. Ottawa, 1899. Large 8vo. pp. 96.
 A revision of the genera and species of Canadian Palæozoic Corals. ———.
 The Madreporaria Perforata and the Alcyonaria. Price, 25c.
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- On new specimens of Eozoon. By W. E. Logan, J. W. Dawson and W. B. Carpenter. (Reprinted from the Canadian Naturalist, Vol. III, New Series, Jan., 1868.) With 2 plates. 8vo. pp. 16. Price, 20c.
- Description of two new species of Stricklandinia. By E. Billings. (Reprinted from the Geological Magazine, Vol. V, Feb., 1868.) With 1 plate. 8vo. pp. 6. Price, 20c.
- Notes on the structure of the Crinoidea, Cystidea and Blastoidea. By E. Billings. 5. On the homologies of the respiratory organs of the Palæozoic and recent Echinoderms and the "Convolute Plate" of the Crinoidea. (Reprinted from the American Journal of Science and Arts, Vol. XLVIII, 1869.) 8vo. pp. 8. Price, 25c.
- Notes on the structure of the Crinoidea, Cystidea and Blastoidea. By E. Billings. 6. On some points relating to the structure of Pentremites. (Reprinted from the American Journal of Science and Arts, Vol. L, 1870.) 8vo. pp. 16. Price, 25c.
- NOTE.—The two above-mentioned publications form part of No. 432, p. 51.
- Notes on the Palæozoic Bivalved Entomostraca. 1. On some North American (Canadian) Species. (Contains descriptions of several species from Campbellton and Cape Bon Ami, N.B., also of one from the valley of the Red River in Manitoba.) By T. Rupert Jones. With 2 plates. (From the Annals and Magazine of Natural History, May, 1889.) 8vo. pp. 15. Price, 10c.
- Preliminary Report on some Graptolites from the Lower Palæozoic rocks on the south side of the St. Lawrence from Cape Rosier to Tartigo River, from the north shore of the Island of Orleans, one mile above Cap Rouge, and from the Cove Fields, Quebec. By Chas. Lapworth. (Reprinted from Vol. IV of the Transactions of the Royal Society of Canada, 1886.) 4to. pp. 18. Price, 25c.
- Illustrations of the Fossil Fishes of the Devonian rocks of Canada. Part I. By J. F. Whiteaves. (Reprinted from Vol. IV of the Transactions of the Royal Society of Canada, 1886.) With 5 plates. Montreal, 1887. 4to. pp. 10. Price, 25c.
- Illustrations of the Fossil Fishes of the Devonian rocks of Canada. Part II. By J. F. Whiteaves. (Reprinted from Vol. VI of the Transactions of the Royal Society of Canada, 1888.) With 6 plates. Montreal, 1889. 4to. pp. 20. Price, 25c.
- Descriptions of eight new species of Fossils from the Cambro-Silurian rocks of Manitoba. By J. F. Whiteaves. (Reprinted from Vol. VII of the Transactions of the Royal Society of Canada, 1889.) With 6 plates. Montreal, 1889. 4to. pp. 9. Price, 20c.
- Descriptions of some new or previously unrecorded species of Fossils from the Devonian rocks of Manitoba. By J. F. Whiteaves. (Reprinted from Vol. VIII of the Transactions of the Royal Society of Canada, 1890.) With 7 plates. Montreal, 1890. 4to. pp. 18. Price, 20c.
- The Orthoceratidæ of the Trenton limestone of the Winnipeg basin. By J. F. Whiteaves. (Reprinted from Vol. IX of the Transactions of the Royal Society of Canada, 1891.) With 7 plates. Montreal, 1891. 4to. pp. 14. Price, 20c.
- Notes on the Ammonites of the Cretaceous rocks of the District of Athabasca, with descriptions of four new species. By J. F. Whiteaves. (Reprinted from Vol. X of the Transactions of the Royal Society of Canada, 1892.) With 4 plates. 4to. pp. 11. Price, 25c.
- The Recent Discovery of large Unio-like Shells in the Coal Measures at the South Joggins, Nova Scotia. By J. F. Whiteaves. (Reprinted from Vol. XI of the Transactions of the Royal Society of Canada, 1893.) With 1 plate. 4to. pp. 4. Price 25c.

- The Cretaceous System in Canada. (Presidential Address) By J. F. Whiteaves. (Reprinted from Vol. XI of the Transactions of the Royal Society of Canada, 1893.) 4to. pp. 17. Price, 20c.
- Notes on some of the Cretaceous Fossils collected during Captain Palliser's Explorations in British North America in 1857-60. On some Fossils from the Nanaimo Group of the Vancouver Cretaceous. By J. F. Whiteaves. (Reprinted from Vol. I (New Series) of the Transactions of the Royal Society of Canada, 1895.) With 3 plates. Royal 8vo. pp. 31. Price, 25c.
- Descriptions of four new species of Fossils from the Silurian rocks of the south-eastern portion of the District of Saskatchewan. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. IV, April, 1891.) With 1 plate. Montreal. 8vo. pp. 11. Price, 10c.
- Description of a new species of Panenka from the Corniferous limestone of Ontario; also, Note on the occurrence of Paucispiral Opercula of Gasteropoda in the Guelph Formation of Ontario. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. IV, Dec., 1891.) With 1 plate. 8vo. pp. 7. Price, 10c.
- Description of a new genus and species of Phyllocarid Crustacea from the Middle Cambrian of Mount Stephen, B.C. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. V, Oct., 1892.) 8vo. pp. 4. Price, 5c.
- Notes on the Gasteropoda of the Trenton limestone of Manitoba, with a description of one new species. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. V, April, 1893.) 8vo. pp. 12. Price, 10c.
- Descriptions of two new species of Ammonites from the Cretaceous rocks of the Queen Charlotte Islands. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. V, Oct., 1893.) With 1 plate. 8vo. pp. 6. Price, 15c.
- Canadian Ostracoda. By T. Rupert Jones. (Reprinted from the Geological Magazine, Jan., 1895.) With 1 plate. 8vo. pp. 9. Price, 10c.
- Notes on some Fossils from the Cretaceous rocks of British Columbia, with descriptions of two species that appear to be new. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. V, April, 1895.) With 1 plate. 8vo. pp. 5. Price, 10c.
- Descriptions of eight new species of Fossils from the (Galena) Trenton limestones of Lake Winnipeg and the Red River valley. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. V, July, 1895.) 8vo. pp. 11. Price, 10c.
- Canadian Stromatoporoids. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. VII, July, 1896.) 8vo. pp. 18. Price, 10c.
- Description of a new genus and species of Cystideans from the Trenton limestone at Ottawa. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. VII, January, 1897.) 8vo. pp. 6. Price, 10c.
- Postscript to "Description of a new genus and species of Cystideans from the Trenton limestone at Ottawa." By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. VII, July, 1897.) 8vo. pp. 2. Price, 10c.
- On some remains of a Sepia-like Cuttle-fish from the Cretaceous rocks of the South Saskatchewan. Note on a Fish Tooth from the Upper Arisaig Series of Nova Scotia. By J. F. Whiteaves. (Reprinted from the Canadian Record of Science, Vol. VII, Oct., 1897.) With plate. 8vo. pp. 4. Price, 10c.
- On some Podophthalmatous Crustacea from the Cretaceous Formation of Vancouver and Queen Charlotte Islands. By Henry Woodward. (Reprinted from the Quarterly Journal of the Geological Society, Vol. LII, May, 1896.) 8vo. pp. 8. Price, 10c.
- On some fossil Cephalopoda in the museum of the Geological Museum of Canada, with descriptions of eight species that appear to be new. By J. F. Whiteaves. (Reprinted from the Ottawa Naturalist for September, 1898, Vol. XII, No. 6.) 8vo. pp. 12. Price, 10c.

The Devonian System in Canada. By J. F. Whiteaves. (Reprinted from *The American Geologist*. Vol. XXIV., October, 1899.) 8vo. pp. 31. Price, 10c.

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692. *Catalogue of Canadian Birds. Part I. Water Birds, Gallinaceous Birds and Pigeons. By J. Macoun, Ottawa, 1900. Large 8vo., pp. 218. Price, 10c.

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On some Marine Invertebrata, dredged or otherwise collected by Dr. G. M. Dawson in 1885, on the coast of British Columbia; with a supplementary list of a few land and fresh-water shells, fishes, birds, etc., from the same region. By J. F. Whiteaves. (Reprinted from Vol. IV of the *Transactions of the Royal Society of Canada*, 1886.) Montreal, 1887. 4to. pp. 27. Price, 20c.

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Catalogue of Canadian Pinnipedia, Cetacea, Fishes and Marine Invertebrata exhibited by the Department of Fisheries of the Dominion Government. (Colonial and Indian Exhibition, London, 1886.) By J. F. Whiteaves. Ottawa, 1886. 8vo. pp. 42. Price, 10c.

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Canadian Spiders. By J. H. Emerton. (Reprinted from the *Transactions of the Connecticut Academy*, Vol. IX, July, 1894.) With 4 plates. 8vo. pp. 30. Price, 50c.

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