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**BIBLIOGRAPHY**

OF THE

Members of the Royal Society of Canada

From the volume of "Transactions" for 1894.

*BAILLAIRGÉ, C.*

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*The* EDITH *and* LORNE PIERCE  
COLLECTION *of* CANADIANA



*Queen's University at Kingston*

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- 1.—Conférences illustrées sur l'Astronomie, l'Optique, la Pneumatique, l'Acoustique, l'Atmosphère, les Vents, les Courants, la Vapeur et la Machine à vapeur, la Mécanique, etc. ; de deux heures chacune en moyenne, dans la Salle des Séances de l'Ancien Parlement du Bas Canada rues Lamontagne et Port Dauphin, devant des auditoires de 700 à 800 personnes. Québec : C. Darveau. 1848-56.
- 2.—Le Calorifère : Chauffage à l'air chaud. Illustré. Québec Bureau et Marcotte. 1853. 8vo., pp. 23.
- 3.—Nouveau traité de Géométrie et de Trigonométrie rectiligne et sphérique. Toisé des surfaces et volumes. Tables logarithmiques et sinus, etc., naturels. Ouvrage illustré. Québec : C. Darveau. 1866. 8vo., pp. 384.
- 4.—Rapport Général de l'Ing. des Ponts et Chaussées de la Ville de Québec, embrassant les départements du Feu, des Marchés et Halles, de la Traverse du Fleuve, de la Police, etc. Québec : C. Darveau. 1868. 8vo., pp. 96.
- 5.—General Report of the City Engineer, Quebec, embracing Roads and Bridges, Markets, Ferry, Health, Fire, and other departments with tabular statements. Quebec : C. Darveau. 1872. 8vo., pp. 120.

- 6.—Geometry, Mensuration, and the Stereometrical Tableau. Illustrated. (200 models of every elementary form). Read before the Litterary and Historical Society of Quebec. Quebec: C. Darveau. 1873. 8vo., pp. 44.
- 7.—Géométrie, Toisé, et le Tableau Stéréométrique. Illustré. Lu devant la Société Littéraire et Historique de Québec. Démonstration et discussion de la formule par l'Abbé Mingui, de l'Université Laval. Québec: C. Darveau. 1873. 8vo., pp. 66.
- 8.—Clé Synoptique ou abrégée du Tableau Stéréométrique. Illustrée. Quebec: C. Darveau. 1874. 8vo., pp. 16.
- 9.—Abridged Key to Stereometrical Tableau. New System of Measuring all Bodies—Segments, Frusta and Ungulæ of such bodies—by one and the same rule. Quebec: C. Darveau. 1874. 8vo., pp. 16.
- 10.—Clé du Tableau Stéréométrique illustrée. Précédée du toisé des surfaces, tables, etc. Québec: C, Darveau. 1874. 8vo., pp. 226.
- 11.—Berthuzabel ou Le Diable Devenu Cuisinier. Comédie en un acte (épisode de la guerre d'Italie en 1859) jouée par la Cie. Maugard à la Salle Jacques-Cartier et deux fois à la Salle de l'Académie de Musique de Québec. Québec: C. Darveau. 1873. 8vo., pp. 20.
- 12.—Reports on Sections of the then so called North Shore Railway (now the C. P. R.) between Quebec and Montreal. Quebec: C. Darveau. 1874-5-6. Folio, 10 pp. each.
- 13.—The Proposed Improvements in the Estuary of the River St. Charles, Quebec. Quebec: C. Darveau. 1873. 8vo. pp. 10.
- 14.—Toisé des Surfaces illustrée. Québec: C. Darveau. 1875. 8vo., pp. 58.
- 15.—Supplementary Report on the North Shore Railway (now the C. P. R.) between Quebec and Montreal. Quebec: C. Darveau. 1875. 8vo., pp. 14.

- 16.**—Rapport Supplémentaire de l'Ing. de la Cité de Québec sur le chemin de fer du Nord (aujourd'hui le C. P. R.) entre Québec et Montréal. Québec: E. Vincent. 1875. 8vo., pp. 15.
- 17.**—Report on the Fire-escape Appliances and Facilities of some ninety-six Public Buildings of Quebec and Environs, including Schools, Colleges, Convents, Theatres, Lecture and Music Halls, Manufactories, Churches, Asylums, etc. Folio, pp. 105.
- 18.**—The Proposed Dry Dock in the Mouth of the River St. Charles. Quebec: C. Darveau. 1876. 8vo., pp. 4.
- 19.**—Report on the Piles Branch of the N. S. Railway. Quebec: C. Darveau. 1876. Folio, pp. 3.
- 20.**—Rapports sur le chemin de fer du Nord (aujourd'hui le C. P. R.) entre Québec et Montréal. Québec: C. Darveau. 1874-5-6.
- 21.**—Key to the Stereometricon, a case containing 200 wooden models of elementary forms, illustrated; mensuration of areas, tables, etc. Québec: C. Darveau. 1876. 8vo., pp. 228.
- 22.**—The Municipal Situation. Québec. Yearly deficits. Financial Situation. A surplus during Mr B's administration from 1886 to 1870. Deficits before and after his management. Québec: C. Darveau. 1878. 8vo., pp. 57.
- 23.**—General Report of the City Engineer, Québec, on Roads, Bridges, Markets, Ferry, Fire, Health, and other departments. Québec: E. Vincent. 1878. 8vo., pp. 100.
- 24.**—Le Club des 21 — Courte biographie de chacun de ses membres: Bazergue, Lavallée, Levasseur, Marinet, Faucher de St-Maurice, MontPetit, Blumhart, Auger, Moreau, Pourtier, Delagrave, Larue, Trudel, Lavigne, Duquet, Dunn, Fréchette, Fabre, De Premio Réal — Lue par l'auteur à la réunion du Club du 13 mars 1879 — Oct. pp. 14. C. Darveau, Québec.

- 25.** —The Stereometricon. Areas of spherical triangles and polygons to any radius or diameter. Illustrated. Montreal: Lovell & Son. 1880. 8vo., pp. 38.
- 26.** —Rapport du Chev. C. Baillaingé, Ing. de la Cité de Québec, sur l'amélioration de son Aqueduc. Québec: E. Vincent. 1881. 8vo., pp. 82.
- 27.** —Report of the Quebec City Engineer on the New Aqueduct (30" diameter). Quebec: E. Vincent. 1881. 8vo., pp. 80.
- 28.** —A Particular Case of Water Hammer. Illustrated, *Transactions of Royal Society of Canada*. Vol. II. Sec. 3. 1884.
- 29.** —Le Steréométricon. Illustré. Tables, surfaces des triangles et polygones sphériques sous un rayon ou diam. quelques. Québec: C. Darveau. 1884. 8vo., pp. 136.
- 30.** —The Stereometricon. Illustrated. Tables, areas of spherical triangles and polygons to any radius or diam. Quebec: C. Darveau. 1884. 8vo., pp. 132.
- 31.** —Papers read before the Royal Society of Canada. 1882-83. Illustrated. Quebec: C. Darveau. 1884. 8vo., pp. 12.
- 32.** —Mémoires lus devant la Société Royale du Canada. Sect. III, 1882-83. Illustrés. Québec: C. Darveau. 1884. 8vo., pp. 46.
- 33.** —Some 15 reports on as many separate 10-mile sections of the Québec & Lake St. John Railway North of St. Raymond. Quebec: E. Vincent. 1883-87. 8vo., pp. 15 to 25 each.
- 34.** —Quelques 15 rapports sur autant de sections distinctes du chemin de fer Québec et Lac St-Jean au nord de St-Raymond. Québec: E. Vincent. 1883-87. 8vo., pp. 15 à 25 chacun.
- 35.** —La veine liquide contractée. Conférence lue devant la Société Royale du Canada, Sect. III. à Ottawa, 1885.

- 36.**— Québec passé, présent, futur. Québec: J. Gingras et Cie. 1885. 8vo., pp. 8.
- 37.**— The Aqueduct, Quebec. Tables of pressures, heights, etc. Quebec: E. Vincent. 1885. 8vo., pp. 7.
- 38.**— Rapport sur le nouvel aqueduc de Québec. Quebec: E. Vincent. 1885. 8vo., pp. 29.
- 39.**— Concernant la théorie de M. Steckel sur “ La veine liquide contractée,” lue devant la Société Royale du Canada, Sect. III., le 28 mai 1885.
- 40.**— An ordinary 14 hours day's work of the City Engineer, Quebec. Quebec: E. Vincent. 1886. Folio, pp. 8.
- 41.**— Géométrie dans l'espace. Stéréométrie. Stéréotomie. Illustré. Joliette: Rév. F. A. Baillairgé. 1886. 8vo., pp. 20. 13 médailles d'honneur, 17 diplômes.
- 42.**— The Stéréométricon couronné en France, en Belgique, en Angleterre, en Russie, au Japon, au Brésil, en Canada, aux Etats-Unis d'Amérique. Joliette: Rév. F. A. Baillairgé. 1886. 8vo., pp. 20.
- 43.**— A Practical Solution of the Great Social and Humanitarian Problem: Escape from buildings in case of fire. Read before the Royal Society of Canada, Sect. III, May 25, 1887. Québec: C. Darveau. 1887. 4to., pp. 8.
- 44.**— Petite Mathématique écrite pour et publiée dans l'Étudiant, édité à Joliette par le Rév. F. A. Baillairgé. 1887. Plusieurs numéros successifs. Oct. pp. 20.
- 45.**— The Art of Building. Read before the Canadian Association of Civil Engineers, Montreal, 1887. Fol., pp. 20.
- 46.**— The School of Industry and Arts, Glacis Street, Quebec. Published by the City Press, Quebec. 1887.
- 47.**— Nouveau dictionnaire français. Système éducatif. Rimes, Consonnances, Homonymes. Québec: C. Darveau. 1888. 8vo., pp. 600.

- 48.**—L'Art de Bâtir. Publié dans un Journal de Québec, deux numéros consécutifs. 1888.
- 49.**—Révisions des Eléments de Géométrie d'Euclide. Lue devant la Société Royale du Canada, Sect. III., 23 mai 1888. Folio, pp. 8.
- 50.**—Also in Abstract in the *Mémoires de la Société Royale*, Vol. VI., Sec. 3, 1888.
- 51.**—Pavements. The sanitary pavement question. *Sanitary Era*, New York, 1888. Folio, pp. 3.
- 52.**—The Quebec disaster of September 19, 1889. The land slide. Illustrated. Oct. pp. 13.
- 53.**—The same published in the *Canadian Architect and Builder*, Toronto, Ont., 1889. Illustrated. Folio, p. 1.
- 54.**—Instructions to Architects for Competition Plans. New City Hall, Quebec. Quebec: E. Vincent, 1889. Folio, pp. 16. With plans of ground levels and of each floor.
- 55.**—Design No. 5 (1600 feet high) of the Proposed great Tower for London. Illustrated letter-press, estimates, etc. Illustrated catalogue of the 68 competitive designs sent in. Printed by "Industries" London, 358 Strand. 1890, Folio, pp. 100.
- 56.**—Homonymes français. Joliette: Rév. F. A. Baillairgé. 1891. 12mo., pp. 212.
- 57.**—English Homonyms. Québec: C. Darveau. 1891. 12mo., pp. 190.
- 58.**—General Report of the City Engineer, Quebec, on Pavements, etc. Quebec: E. Vincent. 8vo., pp. 42.
- 59.**—Étude ayant trait à la solution du problème: Déterminer la hauteur atteinte par un projectile qui en retombant au niveau d'où il est parti, a produit un effet connu. Lue devant la Société Royale du Canada, Sect. III., le 27 mai 1891. Montréal. 1891.
- 60.**—A paper relating to the height to which a missile attained,



which, in descending again to the level from which it was projected, produced a known result. Read before Sect. III., Royal Society of Canada, May 27, 1891. Montreal. 1891.

**61.**—An attempt to deduce the pressure per square inch under which a steam boiler exploded, from the effects produced by the explosion. Read before the Royal Society of Canada, Montreal, May, 1891.

**62.**—Tentative de déduire des effets d'une explosion de chaudière à vapeur, la pression sous laquelle la chaudière a cédé. Lue devant la Société Royale du Canada le 27 mai 1889, à Montréal. Québec : C. Darveau. 1891.

**63.**—The cost of electric lighting in all the principal cities of North America. *Water and Gas Review*, New York, 1892. Folio, pp. 4.

**64.**—Escape from buildings in case of fire. Illustrated. Read before the Canadian Association of Architects, Montreal, 1892. *Canadian Architect and Builder*, Toronto and Montreal, 1892. Folio, pp. 4.

**65.**—La ventilation libre des égouts en rapport avec l'hygiène de l'habitation. Joliette: Rév. F. A. Baillaigé. Lue devant la Sect. III, Société Royale du Canada, mai 1892. 8vo., pp. 17.

**66.**—The free and liberal ventilation of sewers in its relation to the sanitation of our dwellings. Quebec: C. Darveau. Read before the Royal Society of Canada, Sect. III., May, 1892. Folio, pp. 7.

**67.**—La Baie d'Hudson. L'exploitation proposée de ses ressources de terre et de mer. Nouvelle colonie. Chemin de fer pour s'y rendre. Conférence faite sous les auspices de la Société de Géographie de Québec à l'Institut Canadien. Joliette: Rév. F. A. Baillaigé. 1893. 8vo., pp. 42.

- 68.**—The Quebec Land Slide of September 19, 1889. Illustrated and technically explained. Read before the Canadian Association of Civil Engineers, Montreal, and published in the Transactions of the Society, 1893. 8vo., pp. 33.
- 69.**—Retaining Walls. The defects in the new dock walls at the Louise Basin, Quebec. *Canadian Engineering News*, Montreal.
- 70.**—Technical Education of the People in Untechnical Language. Read before Section II, of the Royal Society of Canada, Ottawa, May, 1894. Quebec: C. Darveau. 1894 8vo., pp. 42.

#### ADDENDA

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- 71.**—The fall of the Louisville and Jeffersonville bridge—The “Engineering Record” New York, page 113. January 1894.
- 72.**—Quebec in 1894—The Winter Carnival, The Ice Palace, “The Canadian Architect and Builder” Toronto with engraving, January 1894, page 16.
- 73.**—The St. Ann’s Land Slide, with diagrams. The Canadian Architect and Builder—June 1894, page 77.
- 74.**—Municipal Electric Lighting—“The Canadian Engineer.” January 1895, page 262.
- 75.**—Effect on the St. Lawrence of the proposed deviation of a portion of its waters towards the Gulf of Mexico by the so called Chicago drainage canal now in process of execution. “The Canadian Architect and Builder.” January 1895, page 5. Also letters in the *Quebec Mercury*, *Telegraph*, *Chronicle*, *L’Electeur* and *L’Evenement*, and in the *Montreal Star* and reproduced by other papers.
- 76.**—Municipal Electric Lighting—“The Canadian Electrical News,” page 19 Feby. 1895.

- 77.**—Velocity and pressure of the Wind. "The Canadian Engineer." Feby. 1895, page 291.
- 78.**—Effect of American Drainage Work on Canadian Industries. "The Canadian Architect and Builder. March 1895, page 48.
- 79.**—The Ball Nozzle Mystery. "The Western Firemen and Journal of Public Work." Chicago March 1895 page 253.
- 80.**—Hudson Bay—Proposed utilization of its land and water resources—A new colony, a railway to reach it—Read before the Literary and Historical Society of Quebec — 7th March 1895 : C. Darveau. Oct. pp. 33.
- 81.**—The Shrinkage and Swelling of excavated material. "The Canadian Engineer." Toronto April 1895, page 338.
- 82.**—The Allard process of Hardening copper and aluminum. "The Canadian Engineer. April 1895, page 348.
- 83.**—An invasion of our riparian rights. "The Canadian Engineer." April 1895, pages 249 and 257.
- 84.**—The Bouzey (France) dam failure (130 lives lost) and the Quebec land-slide compared. "The Canadian Engineer." July 1895, page 59 with diagrams.
- 85.**—Bribery, Boodling, Hypocrisy, Fraud and Humbug ; Professional fees and charges — Pecuniary Ethics. Read before the Province of Quebec Association of Architects, by C. Baillaigé, Président, at the annual meeting of the Society. Oct. 2 1895, at the Château Frontenac Hotel, Quebec : C. Darveau, Quebec, Oct. pp. 63.
- 86.**—On the bearing and resisting strength of structures and that of their component parts and materials. Read before the Province of Quebec Association of Architects, annual meeting Château Frontenac. Oct. 2, 1895. — C. Darveau, Quebec. Oct. pp. 26.

- 87.—Adresse de bienvenue aux Architectes de Montréal. —  
assemble générale tenue au Château Frontenac, Québec  
le 2 oct. 1895. Québec C. Darveau — Oct pp. 8.
- 88.—Address of welcome to the Montreal Section of Canadian  
Architects. — Annual meeting of the Society. — Château  
Frontenac Quebec — Oct. 2, 1895 — Quebec C. Darveau  
Oct. pp. 8.







