

A. F. Dunlop, R. C. A., having resigned from the Royal Architectural Institution, Mr. F. S. Baker, F.R.I.B.A., has been elected to the vacancy.

A. W. Campbell, Deputy Minister of Public Works for the Province of Ontario, has been appointed to the position of Deputy Minister of Railways and Canals, thus filling the vacancy caused by the retirement of Mr. M. J. Butler. Mr. Campbell was born at Wardsville, Ontario, in 1863. In 1888 became member of the Canadian Society of Civil Engineers, in 1891 Mr. Campbell was appointed City Engineer of St. Thomas, Ontario, and in 1896 was appointed Provincial Commissioner of Highways. In 1902 was promoted to the position of Deputy Minister of Public Works for the Province of Ontario. Mr. Campbell is at the present time President of the Toronto Branch of Canadian Society of Civil Engineers, and is known far and wide for his intense interest in the subject of good roads.

Mr. George McL. Brown has been appointed European manager of the C.P.R., to succeed the late Archer Baker. Mr. Brown has spent most of his life in railroad work. He left Montreal in the last days of 1908 for London to succeed Mr. Allan Cameron as general traffic agent of the C.P.R., Mr. Cameron being transferred to New York. At that time Mr. Brown was general passenger agent of the C.P.R. steamship service. During most of his business career Mr. Brown has been connected with the Canadian Pacific. A son of Mr. Adam Brown, ex-M.P., and now postmaster of Hamilton, Ont., he early entered the railroad service. After filling various less important positions he was sent to Vancouver as executive agent of the company on the Pacific coast. This position he held until 1900, when he was appointed superintendent of the sleeping and dining car service at Montreal. From this he was again promoted as general passenger agent of the Atlantic steamship service. This was just before the Empresses were built by the C.P.R., and with the increase of business that came after these vessels were put in commission Mr. Brown made a good record, which led to his further advancement until he has now secured one of the most coveted positions in the service.

OBITUARY.

Mr. Arthur Baker, general European manager of the Canadian Pacific Railway, died in London, Eng., Saturday, January 15th, at the age of 65 years. He had been suffering from an attack of pneumonia. The late Mr. Baker was the son of Stephen Baker, of York, England. He was born at York on June 21, 1845, being educated at York Grammar School, afterwards coming to Canada. He was appointed accountant of the Brockville and Ottawa Railroad, and also of the Canadian Central. He was afterwards successively secretary-treasurer and general manager of the same companies and general superintendent of the Eastern division of the Canadian Pacific Railway. For some years he held the office of general European manager of the C.P.R. at London, England, and, in the discharge of his duties, he rendered valuable services. Mr. Baker was a brother of W. R. Baker, of Montreal, secretary of the Canadian Pacific Railway. He was a popular official, and his death is sincerely regretted by his colleagues and friends.

SOCIETY NOTES.

Engineering Society, Toronto University.—On Wednesday evening, January 19th, some seven hundred graduates, undergraduates and guests gathered at the twenty-first annual dinner of the Engineering Society of the University of Toronto. It was a most successful affair. The students were at their best, lively in their contributions to the programme and attentive to the various addresses. The distinctive feature of the occasion was the presence of more than seventy-five representatives of the Canadian Manufacturers' Association and their unreserved enthusiasm for the work done by the University as a factor in the industrial development of Canada.

Mr. W. D. Black, the 1909-10 president of the society presided. The toast to "Canada and the Empire," pro-

posed by Mr. A. G. McLeish, who gave voice to the loyal sentiments and aspirations of the students, was responded to by Dr. J. A. Macdonald, who warned against evils and abuses which must be taken out of the way if Canada is to come to its own and if the Empire is to remain united and strong. He emphasized specially the economic waste of natural resources, the social waste of workers, through bad conditions of life and low ideals of service, and the industrial waste which can be cured only through thorough and systematic technical education, and the practical application of the scientific knowledge of the universities to the industries of the country.

President Falconer, responding for the University to a toast proposed by Mr. E. R. Gray, urged the necessity for the work of applied science in developing the natural resources of Canada, and pointed out how not one department alone but the entire work of the University has to do with solving the real problems of Canada. The human resources, the raw materials of immigration, the facts of society and of politics—all these need the University for their development and proper use. He pressed home on the students their duty in justifying by their lives and services the expenditures on the Provincial University.

Mr. A. D. Campbell, in proposing "Canadian Industries," indicated the relation of the University to the various industrial activities. In response, Mr. Louis Simpson, of Ottawa, dealt with the recent progress made in the uses of electricity in smelting, and the economic wealth resulting from the electric treatment of otherwise valueless ores. He also argued for the better industrial education of the farmers, and urged that the foundations be well laid in the public schools. Mr. J. P. Murray, of Toronto, made a plea for the use of the schools in country places and villages for extending industrial education among those who could not attend the University. He illustrated the growing value of scientific knowledge by reference to the textile industry. Mr. P. W. Ellis made a point of the scientific uses of Niagara Falls and water power in Ontario as a substitute for coal.

"The Engineering Profession" was presented by Mr. R. H. Johnson, and responded to by Mr. W. J. Blair, and the honored Dean, Dr. Galbraith.

On all hands the effort to bring the Provincial University into closer touch with all the industrial activities of the country was approved and commended.

Engineers' Club of Toronto.—Members of the Engineers' Club and other local civil engineers met in the new mechanical laboratories of the University of Toronto last Thursday evening, when Professor Robert W. Angus delivered an illustrated address on turbine pumps, following which the laboratories were opened for inspection and experiments, conducted with steam and gas engines, water turbines and pumps. One hundred attended the meeting. Mr. C. M. Caniff presided.

Montreal Builders' Exchange.—At the twelfth annual meeting of the above society, held last Wednesday evening, the following nominations to office were made: President, J. N. Arcand; vice-president, James Ballantyne; board of directors (eleven), E. G. M. Cape, A. Bremner, Frank Pauze, K. D. Church, E. W. Sayer, Joseph Brunet, William Rutherford, W. T. Castle, J. W. Hughes, Thomas Gilday, and T. A. Morrison.

Announcement is made on another page of this issue of the establishment, in this country of the business of Bruce Peebles & Company, Ltd., Edinburgh, Scotland, manufacturers of electrical apparatus, through their Canadian representatives, Messrs. Vandeleur & Nichols, Dineen Building, Toronto. The firm of Bruce Peebles & Company, Ltd., was established in 1866, but it was not until 1897 that the electrical department was added. The business, however, in their electrical specialties has grown so rapidly as to almost eclipse other departments and the works were gradually increased until they now occupy a site covering over ten acres, the location being near Granton, just outside of Edinburgh. The British Government repeatedly places large contracts in their hands, of which mention might be made of H.M. Dockyard, Chatham; H.M. War Office; Watham Abbey Powder Factory; Enfield Small Arms Factory; H.M. India Office equipment for State railways, and the Crown agent, for Natal Government, turbo generators and motor converter sets.