

engineer for Imperial ministry of munitions in Toronto district.

CONNELL, THOMAS CLARK, of La Loutre Dam Post Office, Quebec, elected associate member. Mr. Connell was born at Dunoon, Scotland, 25th September, 1886. For two years he was chief assistant to burgh engineer and one year as deputy engineer of Dunoon, having full charge of preparations of plans, specifications, surveys, and supervision of construction of large retaining sea wall, harbors, etc. For six months he was on the reconstruction of the C.N.R. span to Cap Rouge; two years with the St. Maurice Construction Co. at La Loutre Dam; one year as instrumentman and one year as chief assistant to Mr. Luscombe, engineer in chief, which post he still holds.

DEVEREUX, LAWRENCE JAMES, of Prince George, B.C., elected junior member. Mr. Devereux was born at St. Peter's, Cape Breton. He is at present assistant engineer on maintenance and in responsible charge of bridges and construction of depots, etc., and appropriations; also engineer representing the Grand Trunk Pacific Railway Company in connection with proposed railway changes which is handled by engineers of the Dominion government.

DOUGLAS, FREDERICK WILLIAM, of New York, transferred from student to associate member. Mr. Douglas was born at Toronto, Ont., April 27th, 1887, and is a B.A.Sc. of the University of Toronto, class of 1914. He is at present with the Foundation Co. of New York, as resident engineer on various contracts.

DUPUIS, JOSEPH HERVE, of Montreal, Que., transferred from student to junior member. Mr. Dupuis was born at St. Jacques L'Achigan, January 10th, 1889. He is at present civil engineer for Malcolm D. Barclay (A.M.Can. Soc.C.E.), Montreal.

FORD, WALTER STIMSON, of Stave Falls, B.C., transferred from junior member to associate member. Mr. Ford was born at Vancouver, B.C., December 6th, 1887, and is a B.Sc. (M.E.) of McGill University, class of 1909. He enlisted in January, 1915, and until November, 1916 was with the Canadian Railway Construction Corps, attached to Belgian engineers in Belgium and France. He is at present with the Royal Garrison Artillery, 2nd Lieutenant, 122nd Siege Battery, B.E.F.

GALBRAITH, JOHN STUPART, transferred from student to associate member. Mr. Galbraith was born at Toronto, Ont., August 20th, 1891, and is a B.A.Sc. of the University of Toronto, class of 1913 (honors in all four years). From 1913-15 he was demonstrator in the fourth year Faculty of Applied Science and Engineering, University of Toronto. In 1915 he enlisted with the Royal Grenadiers, and in 1916 was on the staff of camp engineer, Valcartier. For the past year he has been with the 123rd Canadian Pioneer Battalion, Royal Grenadiers, France.

HENDERSON, CHARLES ELLIOTT, of St. Augustine, Fla., transferred from associate member to member. Mr. Henderson was born at Elmira, Ill., January 16th, 1879. He is a graduate of the University of Illinois, class of 1906, and from 1909-10 was instructor in civil engineering at the same university. He is at present county engineer, St. Johns County, Fla., in charge of design and construction of reinforced concrete bridge 2,400 feet long, and 55 miles of paving.

HOWRIGAN, CLYDE PAIGE, of East Fairfield, Vt., U.S.A., elected associate member. Mr. Howrigan was born at Bakersfield, Vt., August 13th, 1879. He is at present in the employ of Fraser, Brace & Co., in charge of railway construction and assistant superintendent on the Loutre Dam, Champlain County, Que.

JOHNSON, ERNEST NICHOLAS, of Regina, Sask. Mr. Johnson was born at Newport, Monmouth, Eng., April 12th, 1879. In 1916 he was lieutenant with the Canadian Engineers and Royal Engineers in France, and since last April has been resident engineer on construction for the C.P.R. at East End, Sask.

MACGILLIVRAY, JOHN ALEXANDER, of Point du Bois, Lac Bonnet, Man., elected junior member. Mr. MacGillivray was born at New Glasgow, N.S., January 7th, 1889. He took a two-year engineering course at Dalhousie College. At the present time he is resident engineer on the 1917 extension of the city of Winnipeg hydro-electric plant at Point du Bois, with W. M. Scott.

MAIN, THOMAS CLOUSTON, of Winnipeg, Man., elected associate member. Mr. Main was born at Northumberland, Eng., April 13th, 1887. In January, 1915, he joined the Canadian Engineers and was sent back from France to England to take position in Royal Engineers in August, 1916. At the present time he is in charge of construction and maintenance of Seres Road in Salonika, Macedonia, with 139th Army Troop Company, Royal Engineers.

MAIN, DANIEL TODD, of Winnipeg, Man., elected member. Mr. Main was born at Kirkintilloch, Scotland, June 18th, 1882, and educated at King William's College (Isle of Man), and Glasgow Technical College (applied mechanics). He was master mechanic for Moose Jaw, 1912-13; master mechanic for Vancouver, 1913-15; superintendent of motive power, Montreal, 1915-16. Since 1916 he has been works manager at Winnipeg.

MITCHELL, ARCHIBALD FRANCIS, of Victoria, B.C., elected associate member. Mr. Mitchell was born at Clitheroe, Eng., November 5th, 1882. He is at present acting district engineer for Major-General G. B. Hughes, D.S.O., C.B., in charge of harbor improvements, Victoria and Nanaimo; construction and maintenance of Dominion government wharves, Esquimalt graving docks. Quarantine station, wharves, roads and pipe line and other works of the department in Vancouver, which position he has held since 1914.

MITCHELL, COULSON NORMAN, transferred from student to associate member. Mr. Mitchell was born at Winnipeg, Man., December 11th, 1889. He is at present lieutenant with the Canadian Engineers, No. 1 Tunnelling Co., B.E.F., France.

MOORE, ULRIC ROBERT, of Ottawa, Ont., elected junior member. Mr. Moore was born at Toronto September 27th, 1891. He is at present adjuster, Imperial Munitions Board.

NOONAN, WILLIAM F., of Kingston, Ont., transferred from student to junior member. Mr. Noonan was born at Kingston, Ont., August 31st, 1890, and is a B.Sc. of Queen's University, Kingston, Ont., class of 1914. He is at present civil draughtsman, C.R.C.E. Office, Military District No. 3, Kingston, Ont.

TILT, EDWIN BINGHAM, of Madrid, Spain, elected associate member. Mr. Tilt was born at Waterloo, Ont., 6th March, 1879, and is a B.Sc. of McGill University, class of 1903. From 1915-16 he was chief inspector of steel, Imperial Munitions Board, and at the present time is president and general manager of the Sociedad Hispano Americano, Gaston Williams, of Wigmore, C.A., Madrid, Spain.

WING, DANIEL OSCAR, of Toronto, Ont., elected associate member. Mr. Wing was born at Camden, Ont., April 6th, 1886, and is a graduate of the University of Toronto, class of 1908. He is at present a land surveyor for British Columbia.