

SAMUEL REID, born on the 12th September, 1867, was articled to Mr. F. P. Webb of Evesham for two years, and in 1885 entered the service of the Corporation under Mr. R. H. Wyrill, as whose assistant he was employed on the design and construction of various works connected with the water-supply of Swansea. Proceeding subsequently to the Straits Settlements, he became second in the engineer's department at Singapore, relinquishing this post in December, 1901, to take up the appointment of Engineer to the municipality of Penang. Shortly after entering on his new duties, however, he was obliged to go home on sick leave, and after his return his health continued precarious, necessitating his frequent absence on leave. His death, which took place on the 9th April, deprived Penang of the services of a capable public servant, who, had he enjoyed good health, would doubtless have justified the choice of the municipality.

Mr. Reid was elected an Associate Member of the Institution on the 6th December, 1892.

FREDERICK ROSE, who died on the 18th June, 1903, obtained his preliminary training in the works of the late Mr. Jabez James, with Messrs. Thomas Horn and Sons, and at the Cadogan Iron-works. In 1883 he accepted an engagement to proceed to Brazil, where he was employed on the Dom Pedro I. Railway, and on surveys of São Francisco Harbour and the Port of Desterro, for Messrs. Hugh Wilson and Son, Contractors. In 1885 he entered the service of the Lidgerwood Manufacturing Company, makers of colonial and agricultural machinery, for whom he superintended the erections of a new foundry, machine shops and offices at Campinas, São Paulo. He also interested himself in the coffee industry, and built several coffee-mills. In partnership with Mr. F. W. Knowles he established a milling and export business in Santos, and acquired an expert knowledge of coffee.

Mr. Rose was elected an Associate Member of the Institution on the 4th December, 1888.

COLONEL BEN HAY MARTINDALE, C.B., late R.E., died at his residence, Weston Lodge, Albury, near Guildford, on the 26th May, 1904, in his eightieth year. The son of Mr. B. Martindale, of Martindale, Westmorland, he was educated at Rugby and the Royal Military Academy, Woolwich. Having obtained a commission in the Royal Engineers in 1843, he proceeded to Gibraltar, and in

1846 to the Ionian Islands. In New South Wales, from 1857 to 1861, he became successively Commissioner of Railways, Superintendent of Telegraphs, Commissioner of Roads, and during part of that time Under-Secretary of Public Works to the Colony. Upon his return to England, he discharged the duties of Superintendent of the Barrack Department in the War Office until 1868, and also served for two years as a member of the Army Sanitary Committee. Colonel Martindale was appointed, in 1873, general manager of the London and St. Katharine's Docks, and joined the board of directors in 1889. He was also a director of the City of London Electric Lighting Company, and other companies. He married, in 1848, Mary Elizabeth, daughter of Mr. T. Knocker, of Dover.

Colonel Martindale was elected an Associate of the Institution on the 3rd March, 1857, and was the Author of a Paper on the "Demolition of the Gallions Basin, Royal Albert Docks," published in the Proceedings.¹

* * The following deaths have also been made known since the 10th May, 1904 :—

Members.

BARRON, FREDERICK CADOGAN; <i>died 4 August, 1904.</i>	MANSELL, ALFRED JOHN; <i>died 16 April, 1904.</i>
BURKE, JAMES MARLOW; <i>died 7 July, 1904.</i>	MOORE, ALFRED; <i>died 17 July, 1904.</i>
CARR, MARK WILLIAM; <i>died 28 July, 1904.</i>	ROSE, WILMOT JAMES; <i>died 4 July, 1904.</i>
GAUNTLETT, DEAN; <i>died 11 July, 1904.</i>	SMITH, MARCUS; <i>died 14 August, 1904.</i>
HORN, THOMAS; <i>died 25 June, 1904.</i>	TAYLOR, HENRY ENFIELD; <i>died 7 August, 1904.</i>
LEAN, JOEL; <i>died 4 August, 1904.</i>	URQUHART, THOMAS; <i>died July, 1904.</i>

Associate Members.

EVANS, ARTHUR GEORGE; <i>died July, 1904.</i>	PAULING, HAROLD WILLIAM; <i>died 31 May, 1904.</i>
FLETCHER, HENRY LAVINGTON; <i>died 16 March, 1904.</i>	PHILLIPS, HERBERT ARTHUR; <i>died January, 1904.</i>
JOPLING, JOSEPH; <i>died July, 1904.</i>	THOMAS, ELIJAH, <i>Engineer Commander R.N.; died 10 May, 1904.</i>
MENNEER, RICHARD ROBERT; <i>died 24 April, 1904.</i>	

Associate.

COTTAM, EDWARD; *died July, 1904.*

Information as to the career and characteristics of the above is solicited in aid of the preparation of Obituary Notices.—SEC. INST. C.E., 31 August, 1904.

¹ Minutes of Proceedings Inst. C.E., vol. lxxxvi. p. 329.