

the Rio Tinto Railway. Thereafter he occupied the positions of Chief Railway Engineer for the Colony of Natal, Chief Engineer for the contractors of the Brazil Great Southern Railway, Chief Engineer for Messrs. Punchard, McTaggart and Lowther's contracts in Brazil and South America, and Consulting Engineer to the Natal Government. Mr. Ridley was elected an Associate Member 4th December, 1866, and transferred to the class of Members 17th November, 1874.

DAVID SIMSON, born 9th November, 1861, in Roxburghshire, died 16th December, 1916, at Hitchin, Herts. On completing his apprenticeship with Messrs. Carfrae and Belfrage, Edinburgh, he joined the staff of Messrs. John Waddell and Sons in 1882, and was for 2½ years contractor's engineer on the Eastern section of the Edinburgh Suburban Railway and the Killin Railway. From 1886 to 1888 he was employed by Mr. John Strain, M. Inst. C.E., making Parliamentary surveys, and as resident engineer on the Kilbirnie Branch of the Lanarkshire and Ayrshire Railway. He then left Britain to take up the appointment as chief assistant resident engineer on the Buenos Ayres and Valparaiso Transandine Railway, becoming subsequently resident engineer in charge of the Western Railway of Havana. In 1896 he was appointed Chief Engineer of the Buenos Ayres Western Railway, becoming in 1897, Acting Manager, and in 1898, General Manager. In 1907 he retired and returned to England, where he took an active part as a Director of various South American railway and other companies, being Chairman of the Buenos Aires Great Southern Railway. He was elected an Associate Member 1st March, 1887, and transferred to the class of Members 30th March, 1897.

JAMES STIRLING, born at Galston, Ayrshire, 2nd October, 1835, died 12th January, 1917, at Ashford, Kent. In 1855 he entered the service of the Glasgow and South-Western Railway Company, with whom he remained, with the exception of 1 year which he spent in Manchester, until 1878, occupying various positions. From draughtsman he became works manager, and in 1866 succeeded his brother as locomotive superintendent. In 1878 he became locomotive engineer of the South-Eastern Railway, and retired in 1898. He introduced many improvements in locomotives and other rolling stock. He was honorary secretary of the Scotch Locomotive Railway Engineers' Association and the Association of Locomotive Engineers of Great Britain and Ireland. He was elected a Member of The Institution 7th December, 1886.

CHARLES ALFRED TRERY, born on the 1st February, 1854, died on the 28th January, 1916. In his earlier years he was engaged in Sweden and Portugal on railway survey and construction, water-supply and other work. In 1887 he went out to South America, where he spent the remainder of his active career occupied on railways in Brazil and Argentina. He was last engaged on the

port works at Galvan, Bahia Blanca.<sup>1</sup> Mr. Trery was elected an Associate Member on the 6th December, 1887, and was transferred to the class of Members on the 8th November, 1892.

WILLIAM BARROW TURNER, born 29th August, 1840, at Grange, Lancashire, died at Ponsonby Hall, Cumberland, 23rd October, 1916. Having served his pupilage from 1856 to 1860 under Mr. Edward Wadham, M. Inst. C.E., he was then made Assistant, and in 1864 became a partner in the firm. He became managing partner of one of the largest hæmatite mines in Cumberland and a director of the Furness Railway Company, the Cleator and Workington Railway Company, and the Beckermest Mining Company. He was elected an Associate Member 15th May, 1866, and transferred to the class of Members 16th January, 1877.

EDGEWORTH RICHARD USSHER, born in Canada on the 15th June, 1839, died at Dunedin, New Zealand, on the 13th April, 1916. He obtained his earlier practical experience in Canada, leaving that country for New Zealand in 1863. For some years he acted as an officer of the Roads Department, and after an interval of private practice, as an assistant engineer on railway construction. In 1887 he was appointed District Engineer at Otago, and continued in this position until his retirement in 1908. He was elected a Member on the 2nd February, 1886.

JOHN WOOD, born in 1831, died 22nd December, 1916. Early in his career he worked under Sir Thomas Bouch, whose Westminster office he managed for a time. He was subsequently occupied in laying out the Cockermonth, Keswick and Penrith Railway, of which he afterwards became Engineer, as also of the Cleator and Workington Railway. He laid out that part of the Caledonian Railway between Beattock and Moffat, and had charge of the construction of a number of railway lines. He was elected a Member 5th May, 1868.

COLIN SELWYN BROWN, B.SC. (*London*), born on the 5th October, 1889, was killed in action in France on the 1st July, 1916. On completing his training and graduating, he was appointed assistant engineer on the Beira and Mashonaland and Rhodesia railways under Mr. Charles Corner, M. Inst. C.E. After the outbreak of war, he came home and obtained a commission in the Royal Engineers, proceeding to France towards the end of 1915. He was elected an Associate Member on the 12th January, 1915.

PERCY CLEMENT BURNETT, born 21st May, 1887, at Johnstone, Renfrewshire, died at Rockhampton, Queensland, 24th July, 1915. In 1910 he entered the service of the Queensland Government Railways, where he was engaged in construction work. He was

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<sup>1</sup> 'Galvan Port, Bahia Blanca, Argentina,' C. A. Trery. Minutes of Proceedings Inst. C.E., vol. cci, p. 88.