

until his appointment as Engineer and Surveyor to the Urban District Council of Weston-super-Mare in 1891. He joined the Association of Water Engineers on its formation in 1896. At Weston-super-Mare he carried out several important works, including road-widening and the construction of new roads, relaying of a portion of the main outfall sewer, the erection of sea-walls, the construction of a pavilion and opera-house, new swimming baths, and the widening and extension of the marine parade. He died suddenly from heart-failure on the 20th October, 1907, aged 57.

Mr. Nettleton was elected an Associate Member of The Institution on the 5th May, 1891.

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THOMAS FARMER PARKES, born in Worcestershire in 1848, studied at King's College, London, and served a pupilage to the late Mr. John Taylor, of Westminster, who was associated with many important water undertakings in London and elsewhere. Mr. Taylor at that time held the office of Engineer to the Lambeth Water Company, and Mr. Parkes, on completing his pupilage, was appointed superintending engineer on works which Mr. Taylor was carrying out for the company. In 1880 he became District Engineer, and 10 years later, Chief Engineer to the Company, passing into the service of the Metropolitan Water Board on the absorption of the companies in 1904. The works carried out by him as engineer to the old company cost upwards of a million sterling. He died at Streatham on the 3rd April, 1907.

Mr. Parkes was elected an Associate Member of The Institution on the 1st April, 1873.

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WILLIAM HENRY ROBINS, born at Birmingham on the 30th March, 1847, was educated locally, and served his articles under his uncle, the late Mr. Ebenezer Robins, Land Agent and Surveyor. Subsequently he had sole charge of the surveying and engineering branch of his uncle's business, and was actively employed on important surveys and the development of large estates. After the dissolution of the firm of Messrs. E. and C. Robins in 1871, on the death of his uncle, he practised on his own account as a Civil Engineer and Surveyor until his death. Mr. Robins was professionally employed by the Northfield, Balsall Heath, King's Norton, Bromsgrove, and other local authorities, as well as by private bodies, in the design and carrying out of parliamentary surveys,

tramways, sewerage and sewage-disposal works, river-diversions, weirs, small water-supplies, and other works.

Mr. Robins was elected a Fellow of the Surveyors' Institution in 1881. He succumbed to an attack of bronchial pneumonia on the 20th December, 1907.

He was elected an Associate Member of The Institution on the 4th December, 1888.

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ANDREW WILSON BAIRD, C.S.I., *Colonel R.E. (retired)*, died in London on the 2nd April, 1908, of heart-failure. The deceased officer, whose active career was passed wholly in India, entered the Corps of Royal Engineers in 1861, and was promoted Captain in 1874. He served through the Abyssinian campaign of 1868 as traffic-manager of the railway, for which service he received a medal and was mentioned in dispatches. He then joined the Great Trigonometrical Survey of India, and carried on triangulation in Kathiawar and Gujerat until 1870, when he was transferred to special duty in charge of tidal observations in the Gulf of Cutch and elsewhere. From 1876 to 1885 he was responsible for all the tidal and levelling operations of the Survey of India, and carried out the tidal observations round the coasts of India and Burma. In 1881 he was one of the delegates from India to the Geographical Congress at Venice, where he was awarded a diploma and medal for his services in connection with tidal research. In 1885 he was appointed Master of the Calcutta Mint, and held that post until his retirement at the age of 55. In 1885 he was elected a Fellow of the Royal Society, in recognition of the value of his scientific work. On his retirement from public service the Government of India recorded its thanks, and he was created a Companion of the Star of India.

Colonel Baird was elected an Associate of The Institution on the 3rd May, 1881.

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BARON CHARLES CONRAD ADOLPHUS DU BOIS DE FERRIÈRES, who died at his residence, Bayshill House, Cheltenham, on the 16th March, 1908, in his eighty-fifth year, was the son of Baron du Bois and grandson of General du Bois, of the Dutch army, who was created a Baron of the Netherlands in 1815. The subject of this notice was born in July, 1823, and after being educated at Brighton and at Ghent University, he was trained for the profession of a civil engineer, but never actually practised. He