Mr. Rigden died suddenly, at Maritzburgh, on the 10th of November, 1891. He was a conscientious and energetic worker and a keen sportsman, but his physical capacity was not equal to his spirit. He was of a delicate and fragile frame, and suffered from an internal complaint which occasionally prostrated him with severe pain. He was elected an Associate Member of the Institution on the 2nd of December, 1884.

THOMAS WILLIAM STONE was the son of the Rev. G. L. Stone, of Wrexham, and was born on the 8th of July, 1848. After being educated at Rossall School, he was articled in 1865 for three years to Mr. Thomas Barham Foster, Civil Engineer, of Manchester. On the expiration of his pupilage, he remained with Mr. Foster as an assistant, and was engaged upon the waterworks of various towns in England and Ireland. In November, 1871, Mr. Stone went to Melbourne, and in May of the following year was appointed a Resident Engineer for Water-supply under the Victorian Government, and placed in charge of the Castlemaine district. He executed, under Mr. George Gordon, the Engineer-in-Chief, the whole of the works for that district, including the main storage-reservoirs; lime-settling ponds; aqueducts of iron, timber and masonry; culverts, tunnels, and 20 miles of main open channels in rock and earth, constructed for the delivery of 35 million gallons per day, the total expenditure being upwards of £300,000.

On the completion of these works in 1876, Mr. Stone commenced private practice, first in Castlemaine and afterwards in Melbourne, carrying out several works for the water-supply of important mines and manufactories in Victoria. In 1880, failing health compelled him to return to England. He was Resident Engineer in 1885 and 1886 on the Otterbourne and Southampton Waterworks, for which he made two artesian borings, each 6 feet in diameter, 100 feet deep, and sunk in a 30-feet shaft. The rapidity with which these borings were made was a testimony not only of his ability as an engineer, but also of his powers of organization.

Mr. Stone died on the 4th of September, 1891, after only six days' illness, the cause being gastric catarrh and syncope of the heart, brought on by a chill. He was quiet and retiring in disposition, courteous and pleasant in manner, and was the Author of two engineering works: "Simple Hydraulic Formulae," pub-
Edward Henry Thorman was born at Greenwich on the 28th of February, 1816. After being educated at a boarding school at Billericay in Essex, he joined his father in business, and at the age of four-and-twenty commenced to practise on his own account as a gas engineer at Stratford.

In 1846 Mr. Thorman was appointed Engineer and Manager to the West Ham Gas Company, of which he was one of the originators. This post he held until his death. Under his care the Company became a large and prosperous undertaking, and there is no doubt that its success was in a great measure due to his energy and skill in carrying out the works necessary to meet the public demand for gas illumination, and in extending them from time to time with the increase of that demand. Mr. Thorman also held for twenty-three years the appointment of Consulting Engineer to the Lea Bridge Gas Company, and for a short time acted in a similar capacity for the Uxbridge Gas Company. His last illness was a short one. Although his health had been failing for some time, he attended a board meeting of the West Ham Gas Company on the 19th of October, 1891. Two days after, he was confined to his room, and on the 25th of November following, he died from failure of the heart's action.

Mr. Thorman was elected an Associate Member of the Institution on the 5th of February, 1861.