

Mr. Carpenter was a ready writer, and contributed numerous articles on a variety of subjects, mainly scientific, to the current periodicals of the time; his expositions of phenomena were couched in a style that was not only in itself attractive, but also conveyed to the reader such accurate information as would enable him clearly to understand the various matters treated. He had also a very practical turn of mind, was a good mechanic, had artistic tastes and musical ability, and was moreover an excellent photographer, and in the later years of his life he gave great assistance, in conjunction with Dr. Moore, in the installation and practical application of the Röntgen ray method to surgical purposes at the Miller Hospital, Greenwich, of which Institution he was a Member of Committee.

W. E.

SAMUEL COOKE was born 1844 May 22. He was educated at Trinity College, Dublin; and, having completed the course in the School of Engineering, he took his degree in 1868, receiving two special certificates in Mechanical and Physical Science, and in Chemistry, Geology, and Mining. Immediately after taking his degree, he was appointed to be Professor of Chemistry and Geology in the Civil Engineering College at Poona, University of Bombay. His father, Mr. Theodore Cooke, was at the time Principal of the College; and on his retirement in 1893, after holding the office of Principal for twenty-eight years, the son, Mr. Samuel Cooke, was appointed Principal of the College of Science, as it was then called, in his stead. Mr. Cooke was the author of several text-books, which have run through many editions; amongst others may be mentioned his *First Principles of Chemistry* (six editions), *Students' Practical Chemistry* (three editions), *First Principles of Astronomy* (five editions), *The Foundations of Scientific Agriculture*, published in 1897.

He was elected a Fellow of this Society in 1898 February 11.

NATHANIEL EVERETT GREEN was born at Bristol 1823 August 21. He was the third son of Benjamin Holder Green, of that city, and bore his mother's maiden name. She was Elizabeth Everett, of Crockerton, Wilts. He was educated chiefly by his uncle, the Rev. C. Everett, and in 1840 started life in a merchant's office in Liverpool. Finding a commercial life uncongenial to him, and having a great taste for drawing, he decided to adopt art as his profession, and came to London in 1844, entering the Royal Academy as a student in December of that year. Here he worked side by side with Leighton, Millais, and Rossetti. In 1847 he married Elizabeth Goold, of Cork, and after living for about a year in the west of London he eventually settled in St. John's Wood, where he resided for forty-nine years, attracted to the neighbourhood by its quiet retirement and its favourable surroundings for the pursuit of his artistic and astronomical studies. He frequently exhibited his work, both in oil and water colours, at the Royal Academy and other galleries, but the