

course to the University of Lund, where Otto Torell was lecturing on geology, and in 1865 obtained the degree of Ph.D. on the strength of a paper on the Ordovician beds of Fågelsång. In 1867 he became reader at the secondary school of Gefle, and in 1882 was transferred to Lund, and at both places devoted his leisure to the study of the Ordovician and Silurian rocks in the neighbouring districts. In 1892 his careful researches on the organization of Graptolites by the method of grinding down specimens preserved in pyrites shed much light on the structure of these fossils. He was elected Foreign Correspondent of the Geological Society of London in 1893, and became a Foreign Member in 1900. The title of Professor was conferred on him in 1902, and in 1905 he resigned his teaching duties, but continued to reside in Lund till his death, which took place after a few days' illness. Up to the last he preserved his vigour of mind and body, and his kindly nature, ever ready to assist his fellow-workers with his wide experience and knowledge, endeared him to all his friends, while his numerous papers on the Lower Palæozoic beds and faunas of Dalecarlia and Scania form a valuable contribution to science.

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### **James Somerville Geikie.**

BORN 1881.

DIED 1920.

MR. J. S. GEIKIE, son of Professor James Geikie and nephew of Sir Archibald Geikie, died recently in Borneo from septic pneumonia, at the early age of 39. As the inheritor of a good share of the ability of his family, he gave promise of a highly successful career as a mining engineer, having already carried out technical work of much importance at the Bau gold-mine in Sarawak and elsewhere. His greatest interest, however, was in geology, in which science he gave promise of excellent future work. His loss will be sincerely mourned by many to whom he had endeared himself by the simplicity and strength of a fine character.

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### **Charles Clifton Moore, F.I.C.**

BORN 1862.

DIED 1920.

MR. C. C. MOORE, who died on August 11 last, was well known in both scientific and commercial circles in Lancashire and Cheshire. He was for some time engaged in chemical work at St. Helens, and for thirteen years with Brunner, Mond & Co., Ltd. Afterwards he founded the important firm of Charles Moore & Co., Ltd., chemical manufacturers. In spite of a busy commercial life, he was always much interested in geology, and was President of the Liverpool Geological Society. His published papers, in the *Proceedings* of that Society, chiefly dealt with the volume-relations of rocks, and comprise many very complete analyses of rocks. As a man of wide knowledge and genial disposition he will be much missed by those who enjoyed his acquaintance.