

before the Anthropological Section of the British Association and several before various Geological and Literary Societies.

He wrote some articles and reviews for the *Athenæum* and other Journals. His enthusiasm kindled interest in his researches among all he met, friends or workmen alike. When the complaint from which he suffered was found to be consumption, he was ordered to try open-air treatment, and he would go nowhere else than to the scene of his researches. He was buried near Old Swanscombe Church on December 10th, and the workmen of the village feel they have lost a friend.

ALFRED VAUGHAN JENNINGS,
ASSOC. R. S. MINES, F.L.S., F.G.S.

BORN APRIL 17, 1864.

DIED JANUARY 11, 1903.

ALFRED VAUGHAN JENNINGS was born at Hampstead, and educated at St. Paul's School. He matriculated at London University 1877, and entered as a student at the Royal School of Mines under Professor Huxley, etc., where he was bracketed first in Advanced Zoology with Martin F. Woodward in 1885, and received the Edward Forbes Medal and prize of books for Biology in that year. He was for three years Demonstrator in Geology with Professor Judd, F.R.S., undertaking at the same time to instruct privately, in his own laboratory in Chancery Lane, a class of students in Biology, preparing for the B.Sc. London University Examination. He also taught occasional classes in Botany at the Birkbeck Institution.

It was the passionate earnestness with which he taught and inspired these young men which first betrayed his abnormally nervous temperament and weak heart. The work of teaching, for which he inherited a genius, had in consequence to be given up. Six months were then spent beneficially in a voyage and visit to New Zealand. On his return in 1890 he undertook the arrangement of the new Museum about to be opened at Eton College; and after the death of Dr. P. Herbert Carpenter he was offered by Dr. Warre, Head Master of Eton College, one of Dr. Carpenter's classes, in addition to the permanent care of the Museum. This he was compelled to decline, as the doctors still forbade his teaching, and residence at Eton had already proved mischievous to his health.

In 1892 he took charge of the Museum then opened at Whitechapel. In 1895 he removed to Dublin, where for three or four years he assisted Professors Cole and Johnson with the geological and botanical classes at the Royal College of Science. But teaching had again to be abandoned. He subsequently went to Davos Platz, and later to Bad Nauheim, from which places he sent papers to the Geological Society and to this Magazine, viz. :—

- Jennings, A. V.*—"On the Courses of the Landwasser and the Landquart":
GEOLOGICAL MAGAZINE, 1899, pp. 259-270, with three illustrations.
—"The Geology of the Davos District": Proc. Geol. Soc., May 10, 1899;
GEOLOGICAL MAGAZINE, 1899, pp. 326-327; Quart. Journ. Geol. Soc., 1899,
vol. lv, pp. 381-412, pls. xxvi and xxvii, map, and section.
—"The Geology of Bad Nauheim and its Thermal Salt-Springs": GEOLOGICAL
MAGAZINE, 1900, pp. 349-366, with six illustrations.

His last year was spent mostly in Christiania, where, in spite of much physical suffering—caused by a tramcar collision, which confined him to hospital for some time—he was working to the end.¹

MISCELLANEOUS.

THE NEW DIRECTOR OF THE GEOLOGICAL SURVEY OF INDIA.—Mr. C. L. Griesbach, C.I.E., F.G.S., who has filled with distinction the office of Director of the Indian Geological Survey in Calcutta since the resignation of Mr. King on 17th July, 1894, retired under the age limit on December 11th, 1902, and we learn with much pleasure that Mr. T. H. Holland, Assoc. R.C.S., F.G.S., has just been appointed to succeed him. Only in our February Number, Mr. Holland contributed what may be without exaggeration described as an epoch-making article "On the Constitution, Origin, and Dehydration of Laterite," which is already attracting the earnest attention of Indian and other geologists in this country.

Thomas H. Holland received his scientific training in the Royal College of Science, South Kensington, between 1885 and 1888. He passed his examination as associate with honours, and was awarded the Murchison Medal of the Royal College of Science in 1887.

Mr. Holland joined the Geological Survey of India in 1890, and was appointed Professor of Geology and Mineralogy at the Presidency College, Calcutta, in 1893. He has already contributed numerous papers of high scientific value to the Records and Memoirs of the Geological Survey of India, the Royal Asiatic Society, Calcutta, the Mineralogical Magazine, the Geological Magazine, and the Quarterly Journal of the Geological Society of London.

Mr. Holland has shown himself to be an acute and accurate observer, both in the laboratory and in the field, and his contributions to Mineralogy and Petrology contain careful work of a very high order. His memoir on the Charnockite Series is a classical contribution to the study of the Archæan rocks of Southern India.

His papers on the igneous eruptive rocks of Salem at Canoor and the *elæolite-syenites* of Coimbatore are also valuable contributions which have added greatly to our knowledge of the crystalline rocks of Peninsular India.

Mr. Holland has been selected at the early age of 34 to fill the important office of Director of the Geological Survey of India.

We congratulate him on his promotion, and Government on having obtained an energetic and reliable officer of such high promise to fill this important post. Mr. Holland has our best wishes for the success of his future career.

ERRATUM : p. 94, last line but one, for Professor *G. B. Fletcher* read *J. B. Hatcher*.

¹ He wrote to the Editor at Christmas, offering him an article for the GEOLOGICAL MAGAZINE on the Geology of the Christiania district.