

term is a convenient one to pronounce, and may be suggested as an alternative for 'crevasse,' which is preoccupied.

L. RICHARDSON.

CHELTHENHAM.

September 14, 1908.

OBITUARY.

JOAQUIM FELIPE NERY DELGADO,

FOR. MEMB. GEOL. SOC. LOND.

BORN 1844.

DIED AUGUST 3, 1908.

WE regret to learn from Monsieur A. Torres, the Secretary to the Service Géologique du Portugal, Rua do Arco a Jesus, 113, Lisbon, of the death of Monsieur J. F. Nery Delgado, Director of the Geological Survey of Portugal, which occurred at Figueira-da-Foz on the 3rd August. Mr. Delgado was elected a Foreign Correspondent of the Geological Society of London in 1887 and a Foreign Member in 1899. He was a retired General of Division, Inspector General of Mines, and Member of the Royal Academy of Sciences of Lisbon. Under his directorship the Geological Survey of Portugal has published a long and valuable series of maps and memoirs, illustrated by some very excellent plates, beginning in quarto form as far back as 1865, and also in octavo form since 1885.

Mr. Delgado's first important work was the exploration of the caves in the Jurassic limestone of Cesareda, Portugal, of which he published an account in 1862 (abstract in Quart. Journ. Geol. Soc., vol. xxiv, 1868, pt. ii, p. 9). He afterwards devoted special attention to the Palæozoic rocks of Portugal, and prepared an important memoir on the Silurian for the Geological Survey in 1876. In the course of this research he became interested in the remarkable tracks and markings found in grits, supposed to be of Arenig age, in Central and Northern Portugal. He accordingly published his well-known memoir on the so-called *Bilobites* or *Cruziana*, with a fine series of illustrative plates, in 1886. He formed the opinion that these problematical fossils were the impressions of algæ. In 1892 M. Delgado described a new Silurian trilobite, *Lichas* (*Uralichas*) *Ribeiroi*, of very remarkable size, and some years later he published some notes on the minerals and rocks of the Portuguese African possession of Angola. In 1888 M. Delgado attended the International Geological Congress in London, and became personally known to many British geologists. His manner was that of the true scholar, quiet and unassuming, and he endeared himself to a large circle of friends who mourn his loss.

MISCELLANEOUS.

SIR THOMAS HENRY HOLLAND, K.C.S.I., F.R.S., Assoc. R.C.S.,
DIRECTOR GEOLOGICAL SURVEY OF INDIA.

We are pleased to record that among the recipients of Birthday Honours, Thomas Henry Holland, F.R.S., Director of the Geological Survey of India, has been created a Knight Commander of the Order of the Indian Empire.
