well-preserved belemnites of the lanceolatus type, both these fossils occurring literally in hundreds in the drift. We have recently obtained two specimens of black flint in which these particular belemnites are embedded, and as the sea-urchins are usually in black flint, it would seem that all three are derived from an outcrop somewhere in the North Sea. In our lowest drifts, that is those which were deposited by the first advance of the glacier, are a number of green-coated black flints similar to those occurring in the Eocene deposits. These had been probably lying on the floor of the sea a considerable time before being taken up by the glacier.

T. SHEPPARD, F.G.S.

HULL.

## OBITUARY.

## WILLIAM JEROME HARRISON, F.G.S.

BORN 1845. DIED JUNE 6, 1908.

WE regret to record the death of W. J. Harrison, who did much to advance the progress of geological knowledge as an enthusiastic teacher and local worker in the neighbourhoods of Leicester and Birmingham, and also by means of bibliographic research.

Born at Hemsworth, near Doncaster, he early qualified as a science teacher, and ultimately wrote a number of elementary textbooks on natural science, chemistry, and physics. A fifth edition of his useful textbook of geology was issued in 1903, and he was author also of "Geology of the Counties of England and of North and South Wales," 1882. These works, as was the case with all his publications, were characterized by great care and accuracy.

For some years Mr. Harrison.was Curator of the Leicester Town Museum. During this period, in 1874, he drew attention to his discovery of the Rhætic beds near Leicester, and in 1877 he issued "A Sketch of the Geology of Leicestershire and Rutland," reprinted from White's "History" and supplemented by twelve photographs.

In 1880 he removed to Birmingham, where he was appointed Chief Science Master under the Birmingham School Board. Here he devoted much attention to the Drift deposits, and published important bibliographies of Midland and Norfolk Glaciology, with brief notes of the contents of the papers, likewise a very full bibliography of Stonehenge and Avebury.

[A brief memoir of W. J. Harrison, with portrait and bibliography, to which we are much indebted, has been published in the *Naturalist* for September, 1908, by Mr. T. Sheppard.]

H. B. W.

## MISCELLANEOUS.

WITH the approval of H.M. the King, a Royal Medal has been awarded by the Council of the Royal Society to Professor John Milne, F.R.S., F.G.S., for his researches and investigations in Earthquake Phenomena in this country and in Japan, during more than thirty years.