

together as beads, and he supposed the hole in the centre to have been artificial. Some of these round bodies are found entire in the chalk and in the gravel, others have a hole passing through them, and sometimes one or two holes penetrating some way in from the surface, and not extending to the other side. Others, like *b* in Figure, have a large cavity, which has a very artificial aspect. It is impossible to decide whether they have or have not served as personal ornaments, recommended by their globular form, lightness, and by being less destructible than ordinary chalk. Granting that there were natural cavities in the axis of some of them, it does not follow that these may not have been taken advantage of for stringing them as beads, while others may have been artificially bored through. Dr. Rigollot's argument in favour of them having been used as necklaces or bracelets appears to me a sound one. He says he often found small heaps or groups of them in one place, all perforated, just as if, when swept into the river's bed by a flood, the bond or string which had united them together remained unbroken.¹

J. T. BANTON.

KINGSTON RECTORY,
CAMBRIDGE.

OBITUARY.

RUSSELL FROST GWINNELL,

B.Sc., Assoc. R.C.Sci., F.G.S.

BORN APRIL 21, 1880.

DIED MARCH 15, 1913.

WE deeply regret to record the death of Mr. R. F. Gwinnell, at the early age of 33 years. He had been for some years Demonstrator in Geology under Professor W. W. Watts, F.R.S., in the Imperial College of Science and Technology, South Kensington, and also an Examiner in Geology to the Board of Education. Mr. R. F. Gwinnell was a bachelor living at home with his parents, his father, Mr. Wintour F. Gwinnell, B.Sc., F.G.S., 34 Barrowgate Road, Chiswick, W., being a well-known University 'coach' and an accomplished science teacher of long standing.

MALCOLM POIGNAND.

BORN 1850.

DIED MARCH 2, 1913.

WE regret to record the death on March 2, in his 63rd year, of Dr. Malcolm Poignand, of the Beeches, Walsham-le-Willows, Suffolk. He was a member of the Geologists' Association, and took an active interest in geology, having collected many fossils from the Jurassic strata of Dorset and other formations, some of his specimens being referred to in the Proceedings of the Association (vol. ix, p. 204). He received his medical education at St. Bartholomew's Hospital, and subsequently at Aberdeen University, where he took the degree of M.D. in 1878.

¹ Rigollot, *Mémoire sur des Instruments en Silex, etc.*, p. 16. Amiens, 1854."