

old rocks underlying the Tertiary and Cretaceous strata of the London Basin. It is to be hoped that the direction of the "strike" may be determined in the course of a few weeks, a matter of paramount interest and importance to a true understanding of the distribution of the Palæozoic and other rocks, either here or underlying any other area where it has been determined they exist.

This is at present a problem of the first consideration in deep-boring, and upon its successful solution must depend in great measure the practical value of our knowledge that strata of high economic importance probably lie within an accessible depth beneath our feet. Until we know approximately the 'strike' of these Palæozoic rocks, it will be of little avail to suggest where next to seek, or in what direction we should test them by further experimental borings.

The following fossils have been determined by Mr. Etheridge from the few feet of cores examined:—

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| <p>I. PROTOZOA.
1. <i>Ischadites Kænigii</i>, Murch.
II. ECHINODERMATA.
2. <i>Taxocrinus</i>, sp.
III. ANNELIDA.
3. <i>Tentaculites ornatus</i>, Sby.
IV. CRUSTACEA.
4. <i>Phacops caudatus</i>, Brühn.
V. MOLLUSCA-BRACHIOPODA.
5. <i>Orthis canaliculata</i>, Lindst.
6. <i>Meristella tumida</i>, Dalm.
7. <i>Cyrtia exporrecta</i>, Dalm.
8. <i>Spirifera plicatella</i>, Linn.
9. <i>Athyris</i>, sp.
10. <i>Crania implicata</i>, Sby.
11. <i>Rhynchonella cuneata</i>, Dalm.?
 or <i>deflexa</i>, Sby.
12. <i>Atrypa reticularis</i>, Linn.
13. <i>Pentamerus galeatus</i>, Dalm.</p> | <p>14. <i>Pentamerus linguifer</i>, Sby.
15. <i>Strophomena euglypha</i>, Dalm.
16. ————— <i>depressa</i>, Dalm.
17. ————— <i>rhomboidalis</i>, Wilckens.
18. ————— <i>antiquata</i>, Sby.
19. <i>Chonetes</i>, sp.
20. <i>Leptæna sericea</i>, Sby.
21. ————— <i>transversalis</i>, Dalm.
22. <i>Streptorhynchus</i>, sp.
 CONCHIFERA.
23. <i>Pterinea</i>, sp.
24. <i>Mytilus mytilimeris</i>, Conr.
25. <i>Orthonota rigida</i>, Sby.
 GASTEROPODA.
26. <i>Euomphalus rugosus</i>, Sby.
 CEPHALOPODA.
27. <i>Orthoceras attenuatum</i>, Sby.
28. ————— sp.</p> |
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OBITUARY.

TRENHAM REEKS, Died 5th May, 1879.

With much regret we record the death of Mr. Trenham Reeks, the esteemed Registrar of the Royal School of Mines, Jermyn Street. By his death one of the oldest associations of the Geological Survey and School of Mines is severed. When only about sixteen years of age, he became connected with the infant Museum established by the energy of his friend, Sir Henry de la Beche, in Craig's Court; and on the enlargement of that establishment, and the creation of the School of Mines, he was appointed to the office he has held until now; so that, although but 56 years of age, he had seen nearly 40 years of public service. Having worked at Chemistry and Mineralogy under Richard Phillips, F.R.S., he devoted himself to the enrichment of the Mineralogical collection under his charge in Jermyn Street. He also possessed great knowledge of pottery, and his illustrated handbook of the Ceramic collection is still a valued work of reference. Personally he was singularly courteous and obliging, and he so thoroughly identified himself with the interests of the School of Mines, that his loss to that Institution will long be felt.—("Nature," May 8.)