

hollow of the new red sandstone formation, at Bielbecks, south of Market Weighton, in Yorkshire. The surface here is sandy and gravelly; for the sake of improving it the lacustrine marls below were excavated by the farmer, and in the lower part of the pit many bones and shells were found.

The excavation, being renewed under the direction of Mr. W. V. Harcourt, was continued to the bottom of the deposit, presenting in succession—

1. Black sand at the surface.
2. Yellow sand, with a few pebbles of quartz and sandstone, to the depth of - - - 3 feet.
3. Gravel, composed of chalk, pebbles, and sharp flints, to a depth of - - - 4½
4. Grey marl, indented by the gravel No. 3, and containing rolled pebbles of quartz, limestone and sandstone of the carboniferous system, with chalk and flint, reaching the depth of - - 10
5. Black marl, with minute pebbles of chalk, and very few flints; at the bottom a few fragments of a fine-grained calcareous sandstone, such as belongs to the neighbouring red marl. — Extreme depth - - - 22¼
6. Strong blue marl and some clay nodules.  
Flint gravel in marl.  
Strong blue marl.  
Flint gravel in marl.
7. Red marl, the basis of the whole deposit.

No bones, shells, or vegetable remains were found in Nos. 1, 2, 3. 6. or 7. In the grey marl, No. 4., bones and tusks and teeth of the elephant, a bone of the rhinoceros, and a part of the horn of a deer were found, but no vegetable reliquiæ, and no shells. In the black marl, No. 5, most of the bones, and all the shells and vegetable reliquiæ occurred. The whole collection contained —

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| Mammalia - | Elephas primigenius,    | tusks, teeth, vertebræ, &c.                 |
|            | Rhinoceros tichorhinus, | teeth, tibia, rib.                          |
|            | Bos urus antiquus,      | cranium, horns, teeth,<br>bones of leg, &c. |
|            | Stag of great size,     | parts of horn and meta-<br>tarsal.          |