

and which contains in one of its cavities bones of hyenas, and at the same time those of elephants, rhinoceroses and horses, might be considered as belonging to this order of phenomena ; but as it was not explored to any depth, it cannot be certain that it is so.

The case is different with the *Kirkdale* Cavern. It having been visited immediately after its discovery by several well informed persons, and especially by Mr Buckland, every thing has been made known with respect to it. It is situated in the East Riding of the county of York, twenty-five miles NNE. of the city of *York*, and at about the same distance to the west from the sea and the town of Scarborough. The small river of *Hodgebeck* is lost under ground in the neighbourhood, much in the same way as the *Piuka* near *Adelsberg*. It is placed in one of the limestone hills which form the northern boundary of the vale of *Pickering*, the waters of which fall into the Derwent. Mr Buckland compares the stone to that of the last strata of the Alpine limestone, such as are seen near *Aigle* and *Meillene*.

It was in the course of the year 1821, that some labourers working at a quarry, discovered by chance the opening, which was closed by rubbish, covered over with earth and turf. It is about 100 feet above the neighbouring brook. It can be entered to the distance of 150 or 200 feet, but we can only walk erect in some places, on account of the stalactites. On its sides there are seen spines of sea-urchins and other marine remains, incrusting in the mass of the rock ; but it is on the bottom, and there only, that there is found the stratum of mud, of about a foot thick, stuck full of bones, as at Gay-