

As far as caves are concerned, this concludes the evidence of the co-existence of savage man with a mammalian fauna, some of the species of which are extinct; but excepting the Victoria Cave, none of the others yield any direct evidence as to whether man lived in these regions before or, at least, during part of the Glacial epoch (see p. 466). Something else, however, remains to be said on this part of the subject when I come to treat of river-gravels and alluvia.<sup>1</sup>

The antiquity of man being thus clearly established, it becomes obvious that his advent into our area was either of pre-Glacial or of inter-Glacial date. I say inter-Glacial, because Mr. Skertchly has lately discovered palæolithic flint implements in certain brick-earths. Similar, and I believe identical brick-earths underlie the 'Chalky boulder-clay' in the neighbourhood, the boulder-clay having been removed by denudation from that portion of the brick-earth in which the implements were found at Botany Bay near Thetford in Suffolk. The announcement at once provoked strenuous opposition, and therefore on a tour of inspection of Mr.

<sup>1</sup> A list of cave mammalia is given by Professor Boyd Dawkins in a memoir in the Journ. Geol. Society, 1869, vol. xxv. p. 194. His entire list contains 46 or 47 species, as follows; Man, *Rhinolophus ferum-equinum*, *Sorex vulgaris*, *Ursus arctos*, *U. spelæus*, *U. ferox*, *Gulo luscus*, (the Glutton), *Meles taxus*, *Mustela erminea*, *M. putorius*, *M. martes*, *Lutra vulgaris*, *Canis vulpes*, *C. lupus*, *Hyæna spelæa*, *Felis catus*, *F. pardus*, *F. leo*, *F. lynx*, *Machairodus latidens*, *Cervus megaceros*, *Alces malchis*, *Cervus Browni*, *C. tarandus*, *C. capreolus*, *C. elaphus*, *Bos primigenius*, *Bison priscus*, *Hippopotamus major*, *Sus scrofa*, *Equus caballus*, *Rhinoceros leptorhinus*, *R. tichorhinus*, *Elephas antiquus*, *E. primigenius*, *Lemmus*, *Lepus curriculum*, *L. timidus*, *Lagomys spelæus*, *Spermophilus erythro-genoides*, *S.*—(?), *Arvicola pratensis*, *A. agrestis*, *A. amphibius*, *Castor fiber*, *Mus musculus*. Mr. Pengelley has written many important papers on Bone-Caves and their connection with pre-historic man.