

anywhere. In the later period all this is changed. Britain has become an island. Its gigantic Post-glacial fauna has disappeared. Its human inhabitants are now small in stature and delicate in feature, and represented to this day by parts of the population of the south of Wales and Ireland. They buried their dead in the peculiar cemeteries known as long barrows, and their implements and weapons are of a new type, previously unknown. All this shows a great interval of physical and organic mutation. In connection with this we have the high-level gravel and rubble, which Prestwich has shown to belong to this stage, and which proves a subsidence even greater than that to be inferred from the present diminution of the land area. Knowing as we do that the close of the Glacial period was not more than 8,000 years ago, and deducting from this the probable duration of the Palanthropic age on the one hand, and that of modern history on the other, we must admit that the interval left for the great physical and faunal changes above referred to is too small to permit them to have occurred as the result of slow and gradual operations. Considerations of this kind have indeed some of the best authorities on the subject, as Cartailhac, Forel, and de Mortillet, to hold that there is "an immense space, a great gap, during which the fauna was renewed, and after which a new race of men suddenly made its appearance, and polished stone instead of chipping it, and surrounded themselves with domestic animals."<sup>1</sup> There is thus, in the geological history of man an interval of physical and organic change, corresponding to that traditional and historical deluge which has left its memory with all the more ancient nations. Thus our men of the Palanthropic, Post-glacial or Mammoth age are the same we have been accustomed to call Antediluvians, and their immediate successors are identical with the Basques

<sup>1</sup> Quatrefages, "The Human Species." The interval should not, however, be placed after the reindeer period, as this animal occurs in both ages.