

"The geologist is an antiquary of a new order," we do not mark a fanciful and superficial resemblance of employment merely, but a real and philosophical connexion of the principles of investigation. The organic fossils which occur in the rock, and the medals which we find in the ruins of ancient cities, are to be studied in a similar spirit and for a similar purpose. Indeed, it is not always easy to know where the task of the geologist ends, and that of the antiquary begins. The study of ancient geography may involve us in the examination of the causes by which the forms of coasts and plains are changed ; the ancient mound or scarped rock may force upon us the problem, whether its form is the work of nature or of man ; the ruined temple may exhibit the traces of time in its changed level, and sea-worn columns ; and thus the antiquarian of the earth may be brought into the very middle of the domain belonging to the antiquarian of art.

Such a union of these different kinds of archaeological investigations has, in fact, repeatedly occurred. The changes which have taken place in the temple of Jupiter Serapis, near Puzzuoli, are of the sort which have just been described ; and this is only one example of a large class of objects ;—the monuments of art converted into records of natural events. And on a wider scale, we find Cuvier, in his inquiries into geological changes, bringing together historical and physical evidence. Dr. Prichard, in his *Researches into the Physical History of Man*, has shown that to execute such a design as his, we must combine the knowledge of the physiological laws of nature with the traditions of history and the philosophical comparison of languages. And even if we refuse to admit, as part of the business of geology, inquiries concerning the origin and physical history of the *present* population of the globe ; still the geologist is compelled to take an interest in such inquiries, in order to understand matters which rigorously belong to his proper domain ; for the ascertained history of the present state of things offers the best means of throwing light upon the causes of *past* changes. Mr. Lyell quotes Dr. Prichard's book more frequently than any geological work of the same extent.

Again, we may notice another common circumstance in the studies which we are grouping together as palætiological, diverse as they are in their subjects. In all of them we have the same kind of manifestations of a number of successive changes, each springing out of a preceding state ; and in all, the phenomena at each step become more and more complicated, by involving the results of all that has proceeded, modified by supervening agencies. The general aspect of all these