

W. B. Rogers, for the limits of the formations in Virginia, on which Reports have been published from the years 1836 to 1840, by Professor R.

In regard to the newer coal of Eastern Virginia, the relation of which to the New Red sandstone was hinted at by Maclure, Mr. Rogers infers from the fossil plants that it is of the age of the Oolite. See Paper in Trans. of Assoc. of Amer. Geol., 1842, p. 298.

OWEN, DAVID DALE, M.D.

In November, 1842, Dr. Owen, the State Geologist of Indiana, communicated to the Geological Society an important paper on the Geology of the Western States, with a large suite of fossils and a map, which he most liberally gave me permission to make use of for this work, without waiting for the publication of the original. His map comprises the whole of the Illinois coal-field, and a considerable part of the Ohio or Appalachian coal-field. It comprehends indeed the geology of all the Western States watered by the rivers Ohio, Wabash, Illinois, Rock, Wisconsin, Cumberland, and Tennessee, lying between  $35^{\circ}$  and  $43^{\circ}$  of north latitude, and  $81^{\circ}$  and  $91^{\circ}$  of west longitude. It includes the States of Illinois, Indiana, Ohio, Kentucky, Tennessee, and the Dubuque and Mineral Point districts of the Territories of Iowa and Wisconsin. The observations recorded are the results of numerous excursions in these provinces, commenced in the year 1834, and continued to 1841, by Dr. Owen, sometimes alone, at others accompanied by Dr. Troost and Dr. Locke, the State geologists respectively of Tennessee and Ohio. The