

as forming a belt round the Ohio and Michigan coal-field, as shown by Dr. Dale Owen and Dr. Houghton, consists of limestone containing fossils by which it can be referred to the mountain limestone of Europe. No gypsum is there associated with it, but I have shown in the 25th chapter, Vol. II., that the lower carboniferous rocks of Nova Scotia assume a very different aspect from those in the United States, consisting of sandstone and red marl, with large masses of interstratified gypsum and marine limestone with true carboniferous fossils.

No. 9. *Old Red Sandstone, or Devonian.*—In order to understand the divisions comprehended under this and the following heads, from 10 to 16 inclusive, it will be necessary to refer to the classification adopted by the surveyors of New York in their geological reports, of which the following Table is given by Mr. Hall in his "Final Report," p. 18.