

*Obs.*—The Maestricht beds are chiefly composed of fawn-coloured limestones of friable texture, abounding in corals, shells, fishes, and reptiles. The chalk is generally white, but in some localities is of a deep red, in others of a yellow colour; nodules, layers, and veins of flint occur in the upper, but are seldom present in the lower chalk. The *Marl* is an argillaceous limestone, which generally prevails beneath the white chalk; it sometimes contains a large intermixture of green sand, and then is called *firestone*, or *glauconite*. The *Galt* is a stiff, blue or black clay, abounding in shells which frequently retain their pearly lustre. The *Shanklin*, or *lower green sand*, is a triple alternation of sands and sandstones with clays. Chert and fuller's earth abound in some localities.

IV. THE WEALDEN; (a formation, whose *fresh-water* character was discovered and established by the researches of the author. *Wond.* p. 344.) A series of clays, sands, sandstones, and limestones, with occasional layers of lignite; characterised by the remains of several kinds of peculiar terrestrial and aquatic reptiles, namely, *Iguanodon*, *Hylæosaurus*, *Megalosaurus*, *Crocodile*, *Cetiosaurus*, *Plesiosaurus*, *Turtles*, &c.; of terrestrial monocotyledonous plants; fluviatile mollusca, and crustacea; Fishes, and *Birds*. These deposits evidently once constituted a vast delta or estuary.