

fragments of the fibula (the small bone of the leg), are the only bones hitherto observed. The length of this reptile may probably be estimated at from twenty to thirty feet.

IGUANODON. (G. A. M.) *Wond.* Pl. II. III.—Soon after my first discovery of the remains of vertebrated animals in the strata of Tilgate Forest, some teeth of a very remarkable character particularly engaged my attention, from their dissimilarity to any that had previously come under my notice; even the quarrymen, who had been accustomed to collect the teeth of fishes and other relics, had not observed any specimens of this kind until shown those which I had extracted from a block of conglomerate picked up by the road-side.* Attention having thus been directed to those interesting fossils, examples were soon discovered of teeth in various conditions, from the sharp, unused tooth of the young reptile, to the obtuse, worn-out crown of the adult. From the resemblance of the perfect teeth to those of the Iguana, a land lizard of the West Indies, I proposed the name of *Iguanodon* (signifying an animal with teeth like those of the Iguana), for the extinct reptile to which they be-

* These are described in *Foss. South D.* (published in 1822), p. 54, under the head "*Teeth and bones of unknown animals.*" This was the earliest published notice of the fossils of the Wealden; it contains also a description of a tooth of the *Megalosaurus* (p. 55, No. 42.).