

lias : they were discovered in England, where this rock is exposed in cliffs of great extent ; but they have also been found since in France and Germany.

Along with these had lived two species of Crocodiles, the bones of which are also found deposited in the lias, among ammonites, terebratulæ, and other shells of that ancient sea. We have skeletons of them in our cliffs at Honfleur, where the remains are found, from which I have drawn up their characters. †

One of these species, the *Long-beaked Gavial*, has the muzzle longer, and the head more narrow, than the gavial or long-beaked crocodile of the Ganges ; the bodies of its vertebræ are convex before, while in our crocodiles of the present day they are so behind. It has been found in the lias deposits of Franconia, as well as in those of France.

A second species, the *Short-beaked Gavial*, has the muzzle of ordinary length, less attenuated than the gavial of the Ganges, but more so than our crocodiles of St Domingo. Its vertebræ are slightly concave at each of their extremities.

But these crocodiles are not the only ones which have been deposited in the strata of these secondary limestones.

* Researches, vol. v. part ii. p. 143.