

amazes us; it even awakens our admiration and interest. Down by the sea-shore Mesozoic saurians amuse themselves in the surf. The Ich'-thy-o-saur, with thick and fish-like form and alligator head, pursues the fated fish into the deeper water, guided by a pair of enormous eyes which gather in the feeble light. The swan-like neck and head of the Ple'-si-o-saur rises above the surface, while the short, thick body is propelled beneath by a pair of long, flat, many-fingered and many-jointed paddles. There too, winds the progenitor of the sea-serpent—a real sea-serpent, whatever fable may connect itself with the modern one. This is the Mos'-a-saur, attaining sometimes a length of eighty feet. The body is covered with small, overlapping bony plates. The paddles are five-fingered and resemble those of whales.

Contemporary with the sea-saurians are those of the estuary and the river. Turtles and tortoises sun themselves on the naked slopes. Real lizards scamper over the cliffs, or skulk among the *débris* of the forest. But most conspicuous of all move the gigantic Deinosaur. Some swim in the sea; some crawl on the land; some scud among the branches of the trees, and other forms standing erect, walk in reptilian majesty among their humble subjects.

Here is the Had'-ro-saur, whose province is limited to the Atlantic border. His near relative, the *Ig-uan'-o-don*, holds some provinces in the Old World. These are vegetable eaters. But here is their traditional enemy the carnivore. *Læ'-laps* disputes supremacy with the Hadrosaur, as in the Old World, Megalosaur rivals Iguan'odon. Strangest of all, for a reptilian modification, the Pter'-o-saur sails over our heads and shadows us with his broad leathery wing. The Pterosaur is a ground disputed between reptiles and birds. In aspect, bird-like, he is, however, essentially a saurian. In structure he is less bird-like than the Deinosaur.

What a range of adaptations is this; sea, river, shore, upland, forest, jungle, and atmosphere—all populated by fit modifications of a single type of vertebrates! But we stand still more amazed. Before we make our exit from this