

of its gills has to frequently rise to the surface with a rapid zig-zag motion, something like an unsteady kite in the air. The process of change in these animals is very curious. The hind legs are the first to appear, and there is an interval, ranging from one to three weeks, before the fore legs push through the skin. Then the metamorphosis is rapid, the tail is absorbed and the final state of frog-hood is reached.

Among the respective inmates of the Aquarium, which were brought to me, was a small Turtle, about the size of a silver dollar, for whose benefit a small fragment of rock, projecting a little above the surface of the water, was provided, on which this animal delighted to sun himself whenever there was a chance, but at the slamming of a door, or even at the vibration caused by walking across the floor he would immediately slide off the rock, and swim violently about for a few minutes. He was not one of the "snapping" order, but black, with red marks on the under part of his shell. Turtles seem to be very susceptible to sound, and, apart from noticing ordinary noises as above mentioned, he had a habit of constantly turning his head from side to side as if listening. He was very ravenous, the food I gave him consisting of earth worms, and small pieces of raw meat. These he would hold with his fore paws while he pulled at them and occasionally shook them, much in the same way as a terrer does a rat. His end was like that of all pets. He contrived one night to creep out of the aquarium, got on the floor and was crushed by the heavy tread of a human foot.

Another inmate, whose movements I watched with great interest, was a leech; not one of the kind used by doctors, but that known as a "horse leech." The movements of this creature were very interesting. Fastening himself on the side of the glass, he would swing his body backwards and forwards, elongating and contracting it by turns, in every direction, as if looking out for something, and when finally satisfied that there was nothing within reach, he would slide himself along the glass the length of his body when extended, and then again go through the same proceeding. I would not, however, recommend the introduction of leeches into ordinary aquaria, as the fish therein are sure to suffer from their attacks. These, however, seem to be made under cover of darkness, for I never saw my leech attack any