

HOME

CROCODILE HAD MIGHTY ANCESTOR

He Was the Gigantic Dinosaur, Who Once Ruled the Earth.



Three different types of dinosaurs are shown in the sketch. Scientists have given them names almost as formidable as their appearance. The one at the left is a stegosaurus, at the centre a tyra-nosaurus, and at the right a brontosaurus.

Secrets of Science.

By David Dietz.
The lungfish which learned to gulp was the ancestor of the first amphibians. They survive to-day. The amphibia live in marshes where the amphibians lay their eggs in the water. The young are hatched in the water and live there for part of their lives. Then they emerge upon land and spend the rest of their lives there. The egg of the frog when first laid is a tadpole entirely in the water. But in it turns into a frog and emerges in land.

The important development between the lungfish which has learned to gulp and the amphibian is the development of the terrestrial foot from the fin of the fish.

Emergence upon land demanded the creation of a new type of locomotion. There is reason to believe from the study of fossils that the first amphibians lived mainly in marshes where soft mud helped support their bodies. The root as first evolved from the fin

had only two digits. But gradually, with the passage of time, five digits, the standard in the world to-day, were developed.

The amphibian, besides developing terrestrial feet, is thought to have developed for the first time in the history of life, true lungs, a three chambered heart, a movable tongue, eyelids and ears.

It is also thought that the amphibian developed a voice. Therefore it was the first creature upon the earth able to make a sound.

The reptile represents another step in the upward scale of evolution. It is entirely freed from the necessity of spending any part of its life in water.

The reptile lays its eggs on the ground. A tough coating can protect the egg from evaporation.

The reptile, from the moment of birth, breathes by means of lungs.

As we saw in our survey of geology, in the Age of Reptiles, these animals attained gigantic size, many of them being over 100 feet long. These were the great dinosaurs.

The crocodile of to-day is probably the nearest relative to the great dinosaurs which ruled the earth in the Age of Reptiles.

How to Carve.

"The Fine Art of Carving" is the title of an interesting booklet issued by the manufacturer of S. M. P. enamelware. The proper way to carve meat of different kinds and all the various joints of meat is clearly set out and illustrated. There are also some valuable hints on the preparation of different meats for roasting. Copies may be had free from Sheet Metal Products, Ltd., Toronto.

Plenty of Hand-Painting.

Little Johnny had accompanied his mother to a dinner at Mrs. Smith's. During the course of the meal Mrs. Smith remarked, "This plate is hand-painted, Johnny."

"That nothing spoke up the boy, our whole fence is hand-painted."

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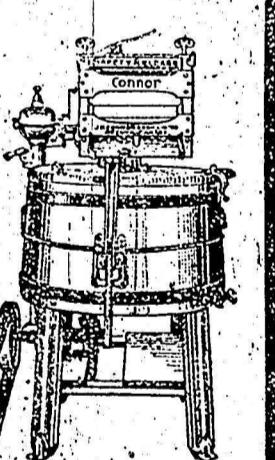
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