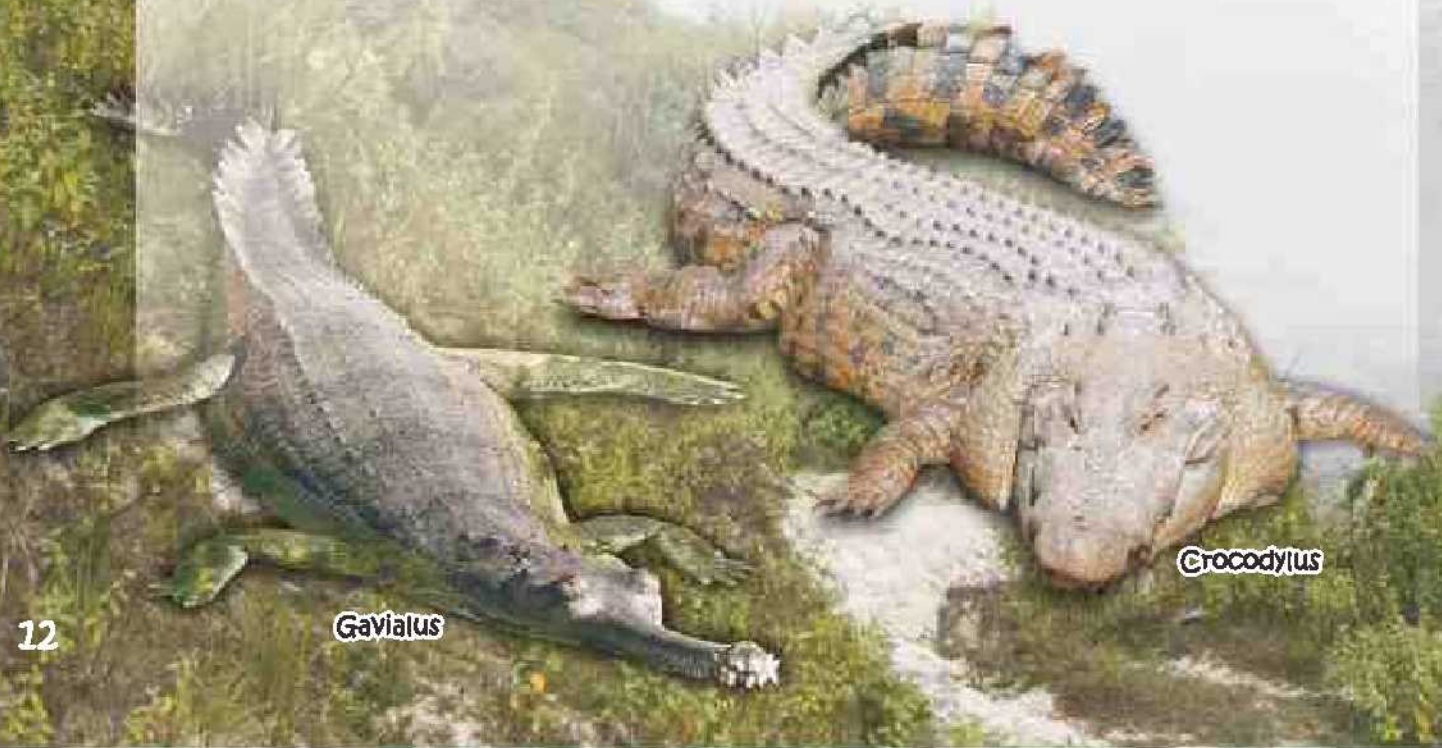


Swamp Environment

At about 1,8 – 900,000 mya, Sangiran's marine environment was changed to swamp environment due to the volcanic material sedimentation. There were some types of Crocodile living at the era, along with other mammals such as hippopotamus, elephant, few bovidae (cow, buffalo and wild buffalo). At the time, Sangiran was still lack of species of animals. Early Man (archaic *Homo erectus*) started to arrive in Sangiran at about 1,5 mya, inhabiting the river banks in the middle of swamp environment. They have created cultural material in the form of flakes and chalcedony.



The Masters of Swamp and River

1. Swamp Crocodile

Crocodile is a reptile and an ancient animal experiencing minimal evolution process. Commonly they inhabit the freshwater environment such as river, lake, swamp, and watery land.

But there are some crocodile live in brackish water such as saltwater crocodile.

Their main food is vertebrate animal.

2. Fresh Water Crocodile

This crocodile possess the slight and long snout. The morphology of the snout is the special adaptation to catch smallest active animal. Gavialis more likes deeper and heavy current

where adults stay together in deep burrows and the curves of river, while the younger choose the creek or riverbank.