

# Sail-back saurian & Tambach Lovers



## Characteristics:

**Nickname:** Sail-back saurian  
**Name:** *Dimetrodon teutonicus*  
**Size:** up to about 120 cm long  
**Age:** approx. 290 million years  
**Rock deposit:** Lower Permian (Rotliegend), Tambach-Formation  
**Locality:** Bromacker  
**Nutrition:** carnivore,

## Who am I?

You may call me the sail-back saurian and I belong to the mammal-like tetrapods, I am a carnivore.

## How can you recognize me?

My most notable feature is the sail on my back. Scientists believe that I used it to control my body temperature. My strong jaws have two types of teeth and my eyes can look forwards. That is important for a hunter like me.

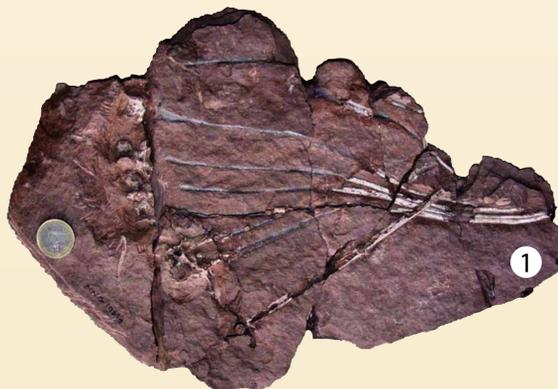


Fig. 1 and 2: Back vertebrae with long neural spines and a fossil track of the Sailback Saurian (Photos: Th. Martens, S. Brauner)

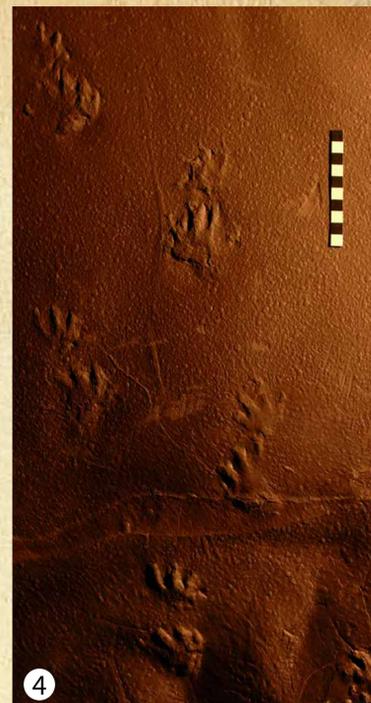
## When and where did we live?

We are the most famous saurians from the Bromacker fossil site:

### Sail-back saurian



### Tambach Lovers



We lived about 290 million years ago during a time known as the Lower Permian or "Rotliegend". Scientists found us here on the Bromacker, where you are now standing. The same tetrapod species as the "Lovers" had already been found in the USA. Scientists have also discovered all relatives of the Thuringian "Sail-back Saurian" there.

☺ ◀ You can get to know the "minis" from the Bromacker at the Lohmühle (1km).

The story of our discovery is told along the trail to Tabach-Dietharz and the Luther Church.

Find out more about us here:



[www.thueringer-geopark.de](http://www.thueringer-geopark.de)

☺ ▶ 500 m from here you will find *Diadectes*.

## Steckbrief:

**Nickname:** Tambach Lovers  
**Name:** *Seymouria sanjuanensis*  
**Size:** up to 70 cm long  
**Age:** approx. 290 million years  
**Rock deposit:** Lower Permian (Rotliegend), Tambach-Formation  
**Localities:** Bromacker, New Mexico USA

## Who are we?

We are the "Tambach Lovers". Our skeletons were discovered lying close to each other, as if we were whispering to each other. We are amphibians and spent our childhood in the water. We moved on to the land when we grew up.

## How can you recognize us?

We have short but strong legs. Our spinal column looks like that of a reptile. Although we are amphibians our hands have 5 fingers instead of 4.



Fig. 3 and 4: Two skeletons and petrified footprints of the Tambach Lovers (*Seymouria*) (Photos: Th. Martens, S. Voigt)