



Tictallic Roseae

Tiktaalik roseae
Temporal range: Late Devonian, 375Ma

PreЄ E O S D C P T J K Pg N

Tiktaalik in the Field Museum, Chicago.

Scientific classification

- Kingdom: Animalia
- Phylum: Chordata
- Class: Sarcopterygii
- Order: Elpistostegalia
- Clade: Stegocephalia
- Genus: †**Tiktaalik**
- Daeschler, Shubin & Jenkins, 2006

Type species

†**Tiktaalik roseae**

How:

- Fish developed in O₂ poor **SHALLOW** water.

What:

- Fins of have basic wrist bones and simple rays kind of like fingers
- Could do a basic push up
 - Thought to have basic lungs in addition to gills
- Earliest fish with a neck

Tictallic

- Relevance
 - Intermediate between fish and tetrapod
 - Lived where fish couldn't
 - Had a neck to bend side to side
 - Fins were developing into feet/limbs
 - Could breathe air to supplement low O₂ in shallow water

Tictallic

- Notes: