

AMPHIOXUS

Meaning: Amphioxus is a genus of small, fish-like marine animals that are key to studying evolutionary biology due to their primitive characteristics and similarities to vertebrates.

1. Amphioxus is often studied in evolutionary biology due to its primitive characteristics.
2. Researchers found that amphioxus possesses unique features that help trace the evolution of vertebrates.
3. The anatomy of amphioxus reveals significant insights about the early development of chordates.
4. Amphioxus thrives in marine environments, particularly in sandy substrates.
5. Scientists have sequenced the genome of amphioxus to better understand its genetic makeup.
6. Amphioxus is sometimes referred to as a lancelet, highlighting its elongated shape.
7. In laboratories, amphioxus serves as a model organism for studying developmental processes.
8. The diet of amphioxus mainly consists of tiny plankton and organic particles filtered from the water.
9. Understanding the physiology of amphioxus can shed light on the nervous system's evolution.
10. Amphioxus demonstrates remarkable adaptations that enable it to survive in diverse aquatic habitats.

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