

BASIPTERYGIUM

Meaning: Basipterygium is a bone in the skeletal structure of certain fish that supports the pelvic fins and plays a role in locomotion.

1. The basipterygium is an important morphological feature in the skeletal structure of certain fish.
2. Researchers have studied the basipterygium to understand its role in locomotion in aquatic species.
3. In paleontology, the shape of the basipterygium can provide insights into the evolutionary adaptations of ancient fish.
4. The basipterygium connects the fin to the body, helping to stabilize movement in water.
5. Some species exhibit variations in the basipterygium, reflecting their diverse habitats and lifestyles.
6. Anatomical studies often examine the basipterygium to assess the evolutionary relationships among different fish families.
7. The basipterygium serves as an attachment point for muscles that facilitate fin movement.
8. In certain amphibians, the basipterygium might show transitional features between aquatic and terrestrial adaptations.
9. The basipterygium's structure can influence the overall hydrodynamics of a fish during swimming.
10. Understanding the basipterygium can help scientists reconstruct the functional morphology of extinct vertebrates.

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