

BASIPODITE

Meaning: Basipodite: the basal segment of a limb or appendage in arthropods, particularly in crabs, that functions as a joint for movement.

1. The basipodite of the crab serves as a crucial joint for movement.
2. Scientists studied the morphology of the basipodite to understand its evolutionary adaptations.
3. In some crustaceans, the basipodite is significantly larger than in others, indicating different lifestyle needs.
4. The articulation of the basipodite allows for greater flexibility in locomotion.
5. Research on the basipodite has revealed important insights into crustacean physiology.
6. Anomalies in the development of the basipodite can lead to mobility issues in certain species.
7. The basipodite connects the limb to the body, playing a vital role in stability.
8. Field studies often focus on the basipodite to assess environmental impacts on marine life.
9. Comparative studies of the basipodite help scientists classify various marine organisms.
10. Understanding the function of the basipodite is essential for comprehending the biomechanics of arthropods.

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