

ENDOPODITE

Meaning: Endopodite: a segmented, typically limb-like structure in crustaceans and arthropods that is involved in locomotion and other specific functions such as swimming or grasping.

1. The endopodite is a crucial structure in the anatomy of crustaceans, playing a key role in locomotion.
2. In arthropods, the endopodite often serves as a specialized limb for swimming or grasping.
3. Researchers have discovered that variations in endopodite morphology can indicate evolutionary relationships among species.
4. The study of the endopodite provides insights into the functional adaptations of aquatic organisms.
5. During embryonic development, the formation of the endopodite is influenced by various genetic factors.

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