

HEMIMETABOLIC

Meaning: Hemimetabolic refers to a type of insect development characterized by incomplete metamorphosis, where the organism progresses through nymph stages without a distinct larval phase.

1. Many insects, such as grasshoppers, are considered hemimetabolic because they undergo incomplete metamorphosis.
2. The hemimetabolic life cycle allows organisms to develop gradually through nymph stages rather than distinct larval forms.
3. Researchers are studying hemimetabolic species to understand how their developmental processes differ from those of holometabolic insects.
4. The term hemimetabolic is often used in entomology to describe species that do not have a pupal stage in their lifecycle.
5. In contrast to hemimetabolic insects, those that are holometabolic experience a complete transformation, including a pupal phase.

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