



# Notes for Entomology Module

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## Insect development

Describe gradual metamorphosis.

For insects that develop through gradual metamorphosis, how are immature insects and adults similar? How are they different?

Similar	Different

List examples of insects that develop through gradual metamorphosis.

Describe complete metamorphosis.

For insects that develop through complete metamorphosis, how are immature insects and adults different?



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List examples of insects that develop through gradual metamorphosis.

## **Beneficial insects**

Describe the functions or roles of beneficial insects.

## **Insects as pests**

What is a pest insect?

## **Types of insect injury**

Name and describe four types of injuries to plants by insects with chewing mouthparts.



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Describe the possible symptoms from insects with sucking mouthparts.

## **Insect management**

How can knowing an insect's life cycle help in the management of a pest insect?

How can knowing the type of mouthpart of an insect help in the management of a pest insect?

How does using the IPM framework reduce consequences to beneficial insects?