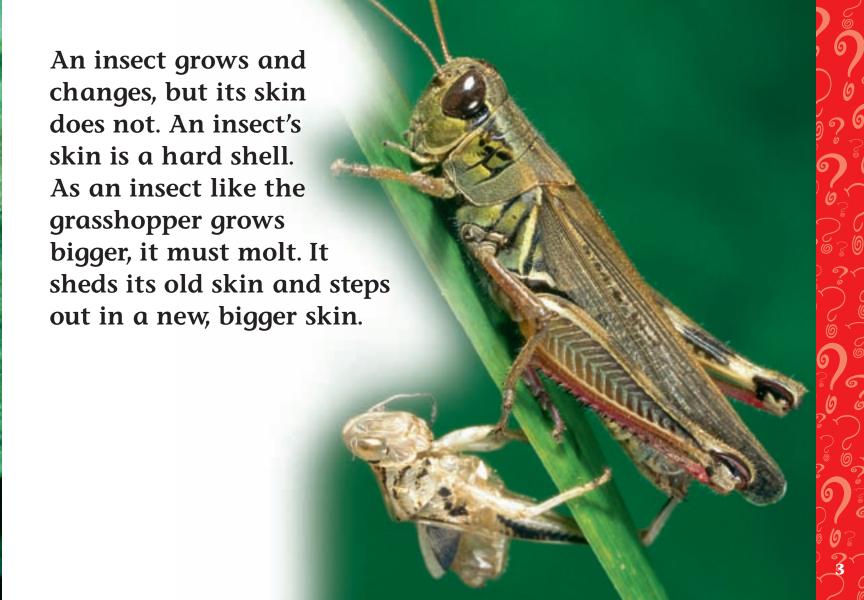
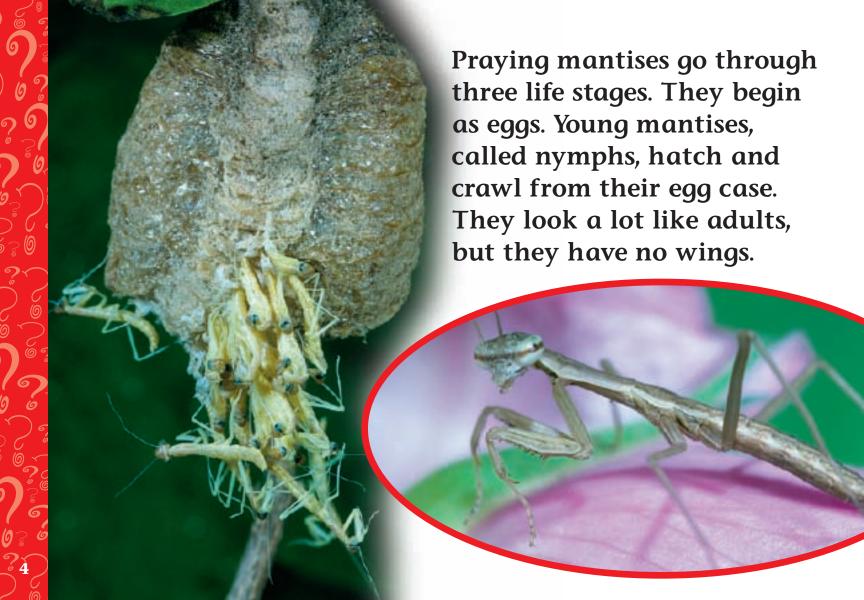
How & Why Insects Grow and Change









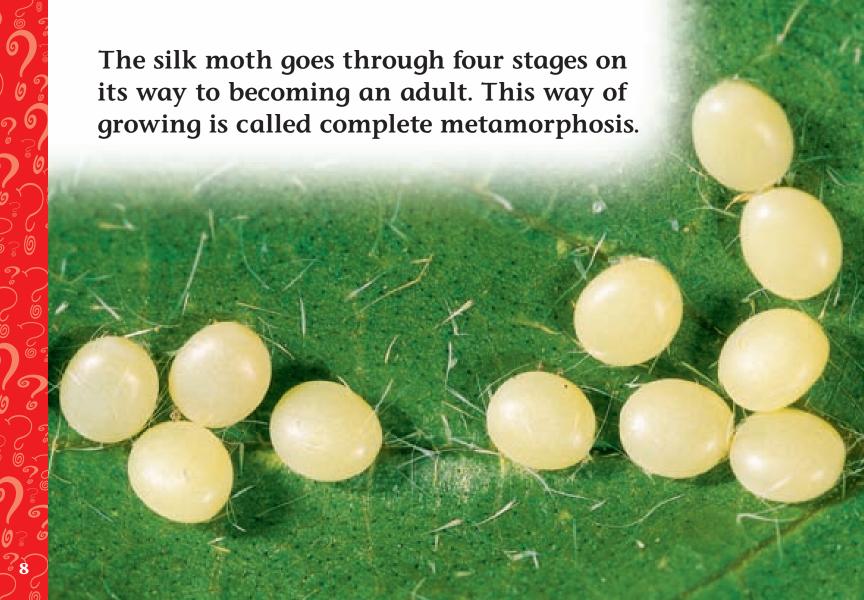
The nymphs grow bigger, molting several times. Finally, the insect sheds its skin for the last time. It steps out as an adult, with wings. This set of changes—from egg to nymph to adult—is called incomplete metamorphosis. Metamorphosis means "change in form."

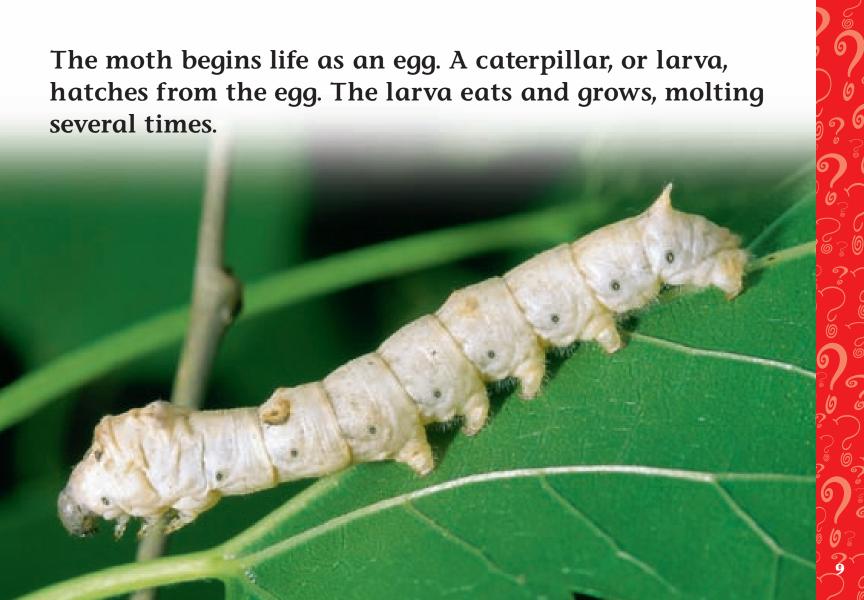


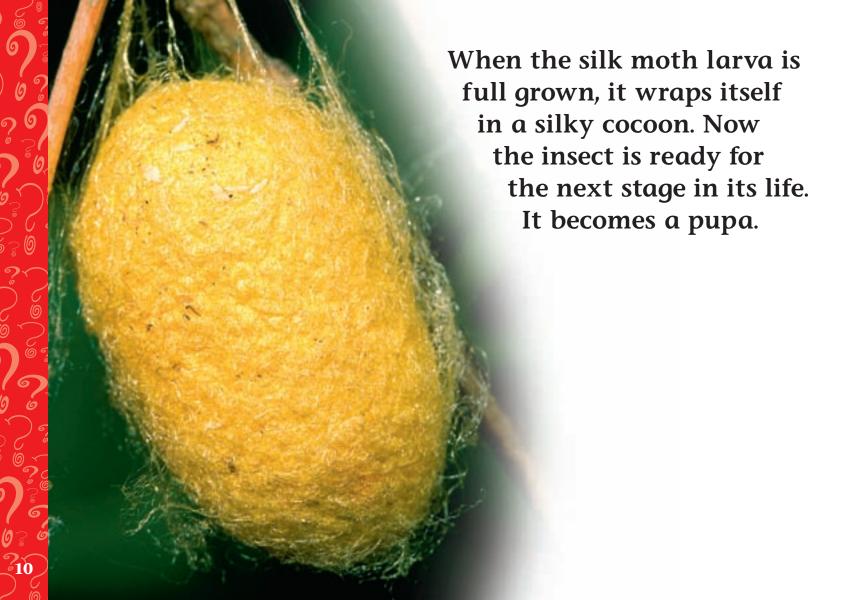
Dragonflies lay their eggs in water, and the young hatch there. Dragonfly nymphs spend the first part of their lives in the water. A growing nymph may molt as many as 15 times!











The pupa rests inside the cocoon for two to three weeks. Its body changes. When it finally breaks out of the cocoon, it is an adult silk moth.



In a bumblebee nest, eggs rest inside wax cells. The larvae hatch inside the cells. They do not need to crawl around in search of food. Other members of the bee colony collect pollen and nectar from flowers.



They bring this food back to the nest for the larvae. The larvae eat and grow. Still inside their wax cells, they change into pupae.





The bee flies off to a sunflower to gather pollen and nectar. It will bring food back to the nest, so that more young bees can grow up.



Use the information in this book to answer some "how and why" questions.

- Why must growing insects molt?
- How is a young praying mantis different from an adult?
- How does a dragonfly nymph leave the water?
- How does the silk moth begin its life?
- How does the silk moth larva get ready to change into a pupa?
- Why do adult bumblebees bring food back to their nest?