

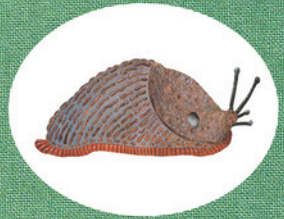
# Mini-beast Guide

How many of these cool creatures can you spot?

0 Legs



Snail



Slug

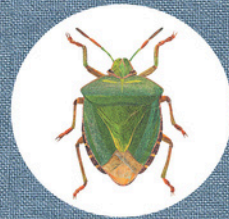


Worm

6 Legs  
Insects



Ant



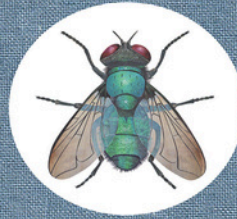
Bug



Wasp



Beetle



Fly



Bee



Earwig



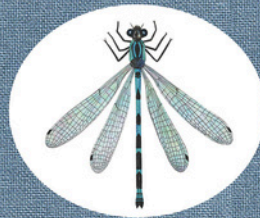
Cricket/Grasshopper



Moth



Dragonfly



Damselfly



Butterfly

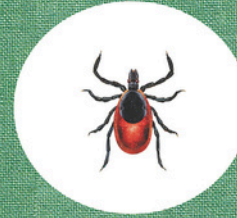
8 Legs  
Arachnids



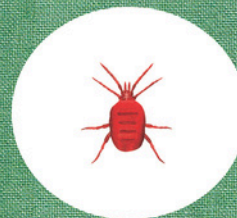
Spider



Harvestman

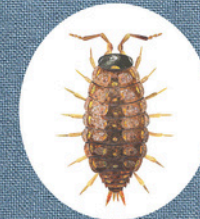


Tick



Mite

14 Legs



Woodlouse



Pill Woodlouse

more than  
14 Legs



Centipede



Millipede

Look how many different species of mini-beast are found in Britain!

Snails: approx. 120  
Slugs: 46  
Worms: 27  
Ants: 61  
Bugs: approx. 2000  
Wasps: over 7000  
Beetles: over 4200  
Flies: approx. 7000  
Bees: approx. 270  
Earwigs: 7  
Moths: over 2500  
Butterflies: 59

Damselflies: 21  
Dragonflies: 36  
Crickets: 23  
Grasshoppers: 11  
Spiders: approx. 650  
Harvestmen: approx. 25  
Ticks: 20  
Mites: approx. 300  
Woodlice: 65  
Centipedes: 61  
Millipedes: 83

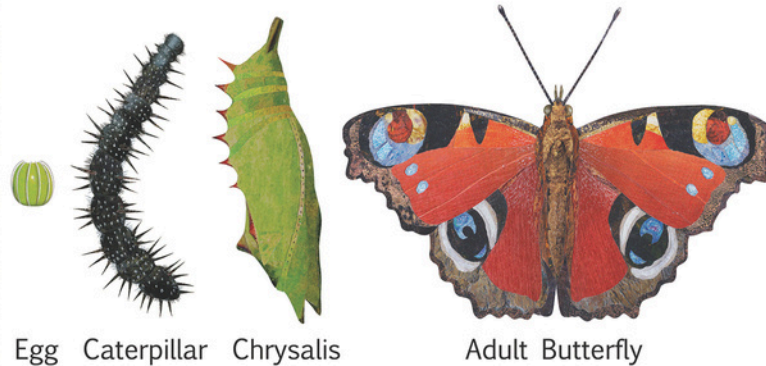
# Amazing Transformations by Metamorphosis

Insects totally transform the way they look a number of times during their lifetime. Take a look at some extraordinary insects and the amazing changes they go through.

## Complete Metamorphosis

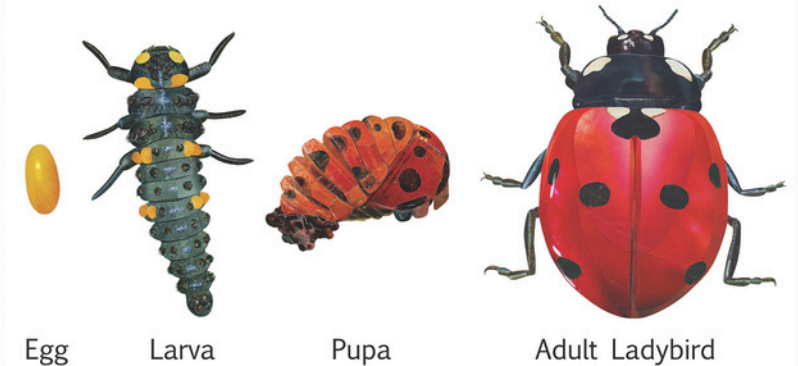
Many insects including beetles, flies, ants, moths, fleas and butterflies go through 4 massive changes of appearance during their lifetime.

The 3rd stage appears inactive, but inside its outer shell the insect is changing from larvae to adult.



Egg Caterpillar Chrysalis Adult Butterfly

Peacock Butterfly Lifecycle

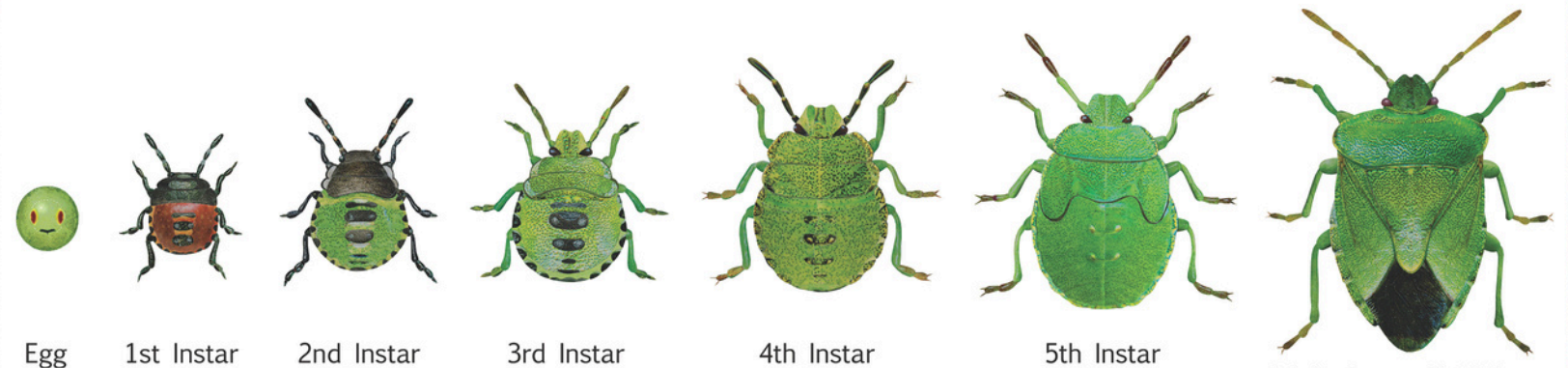


Egg Larva Pupa Adult Ladybird

7-spot Ladybird Lifecycle

## Incomplete Metamorphosis

Some insects including bugs, lice, grasshoppers and crickets change appearance many times before adulthood. An insect's hard shell doesn't grow, so when it gets too tight, it splits and sheds to reveal a fresh, larger skin underneath. Each change is called an instar and can look radically different.



Egg 1st Instar 2nd Instar 3rd Instar 4th Instar 5th Instar

Adult Green Shieldbug (In Summer)

Green Shieldbug Lifecycle