

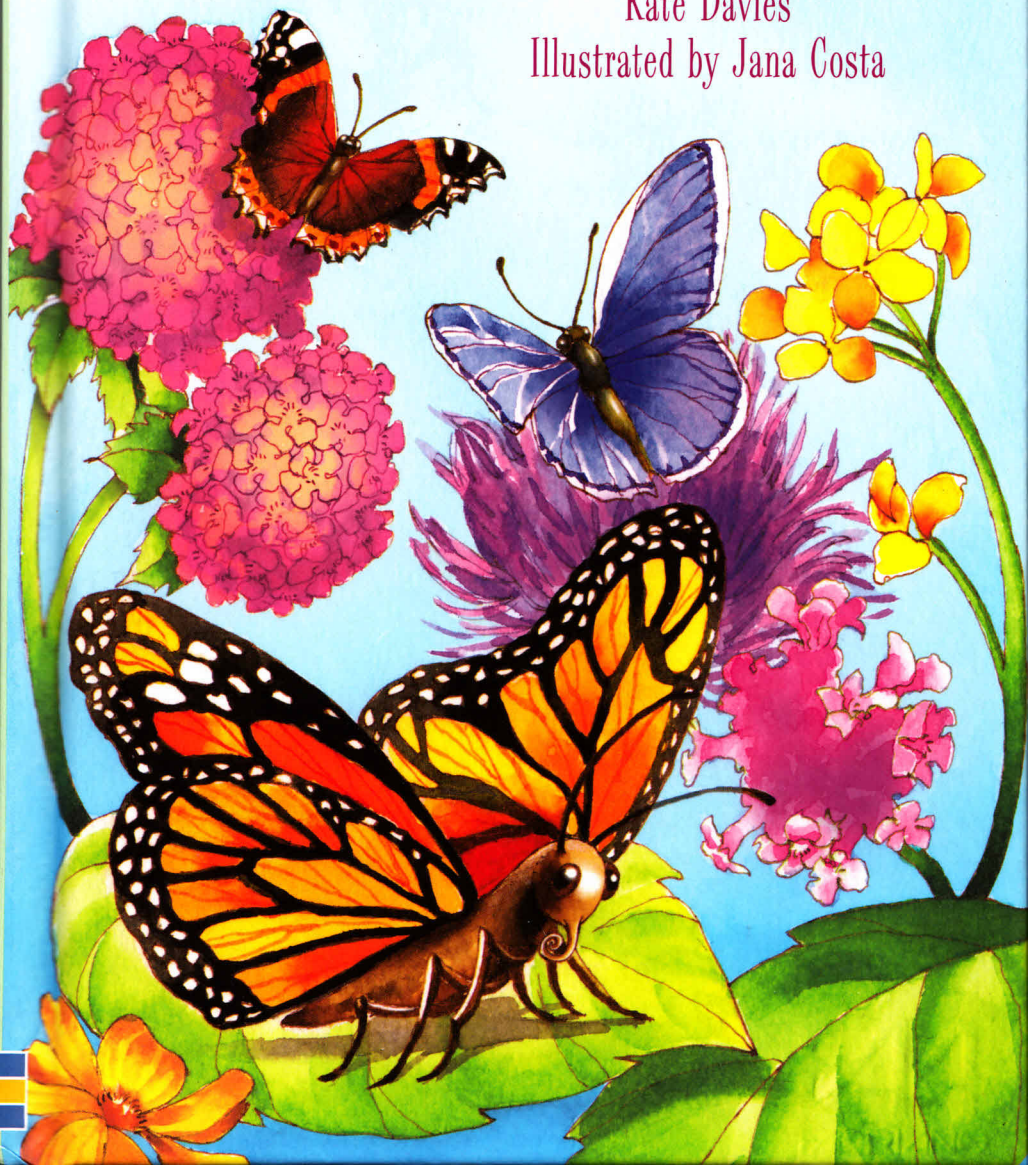
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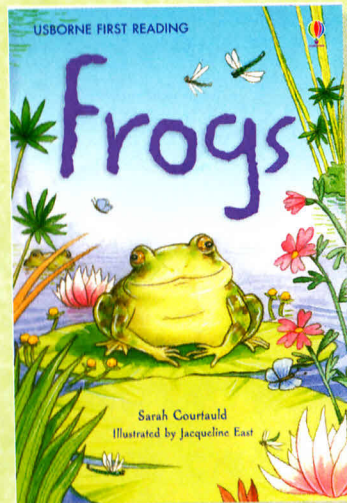
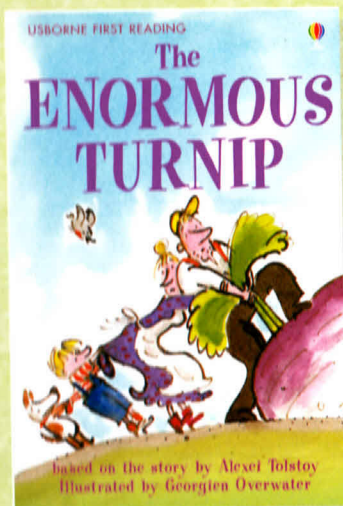
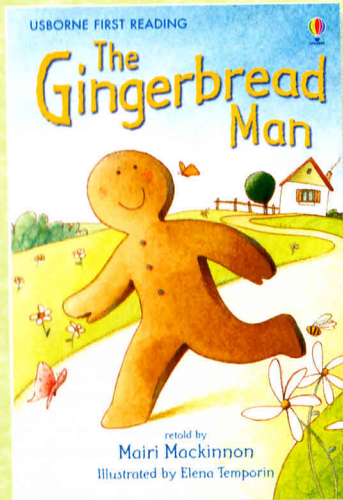
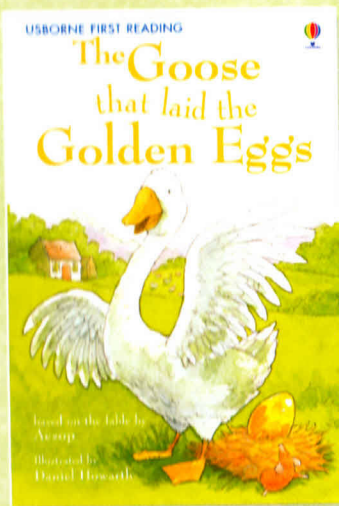
# Butterflies



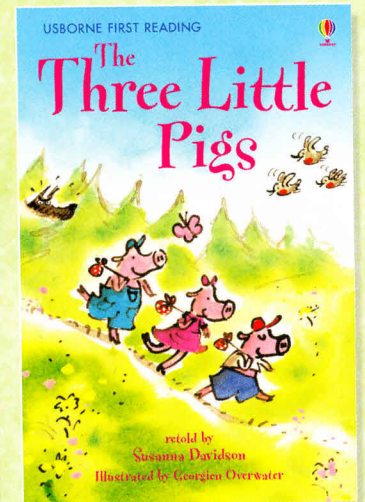
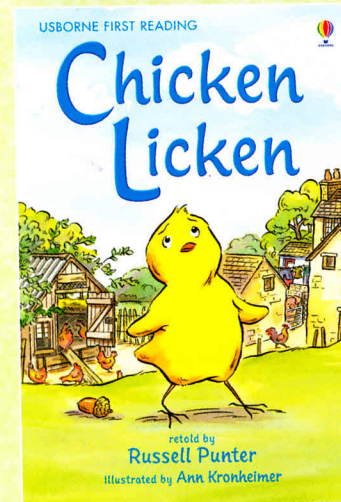
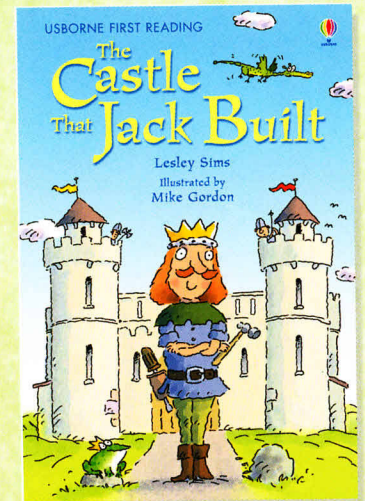
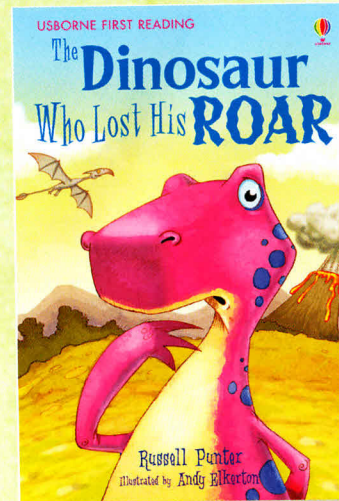
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# Butterflies



Kate Davies

Illustrated by Jana Costa

Reading Consultant: Alison Kelly  
Roehampton University

There are butterflies almost everywhere in the world.



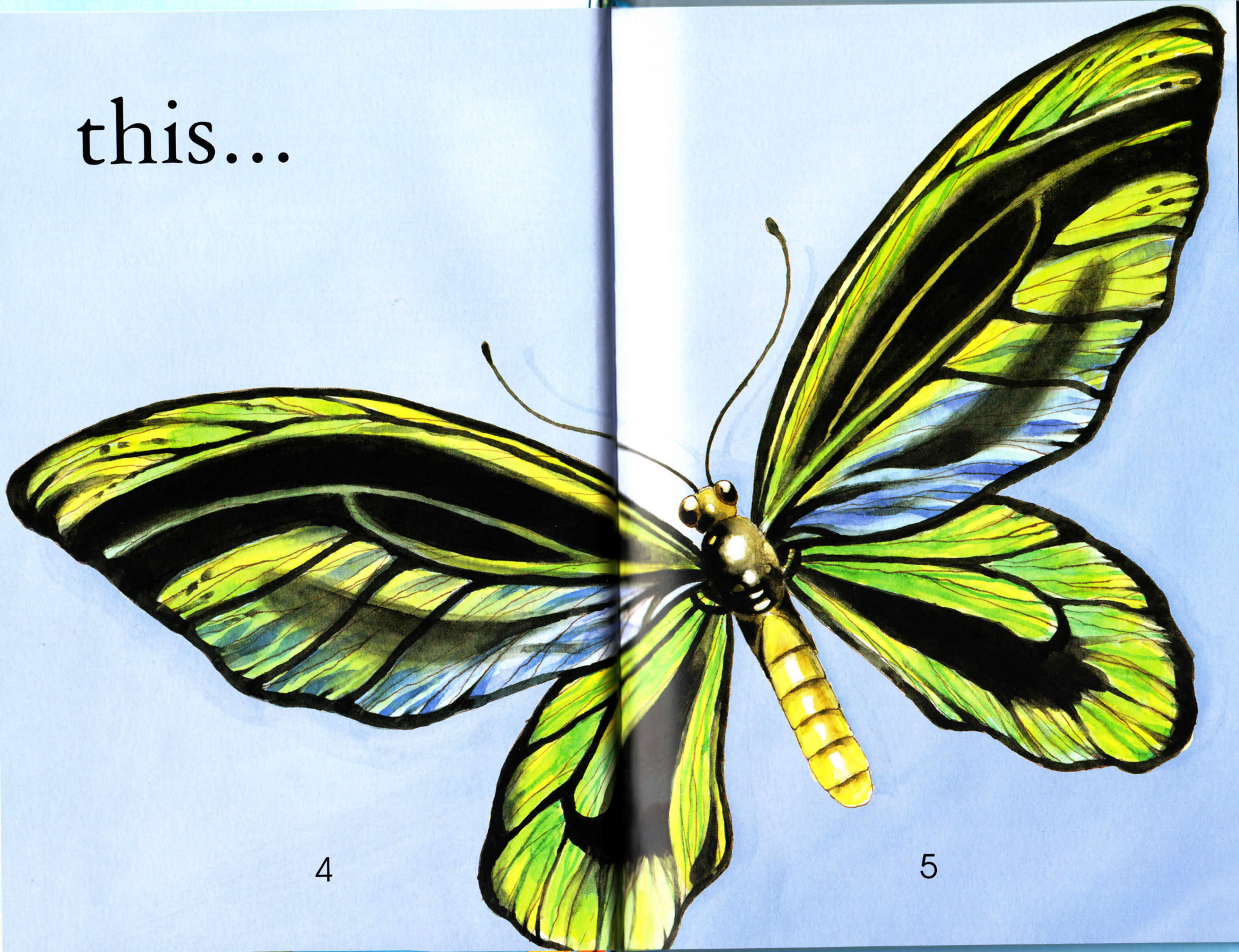
Butterflies can be as tiny as this.



All these butterflies are life size.

Or as big as...

this...



4

5

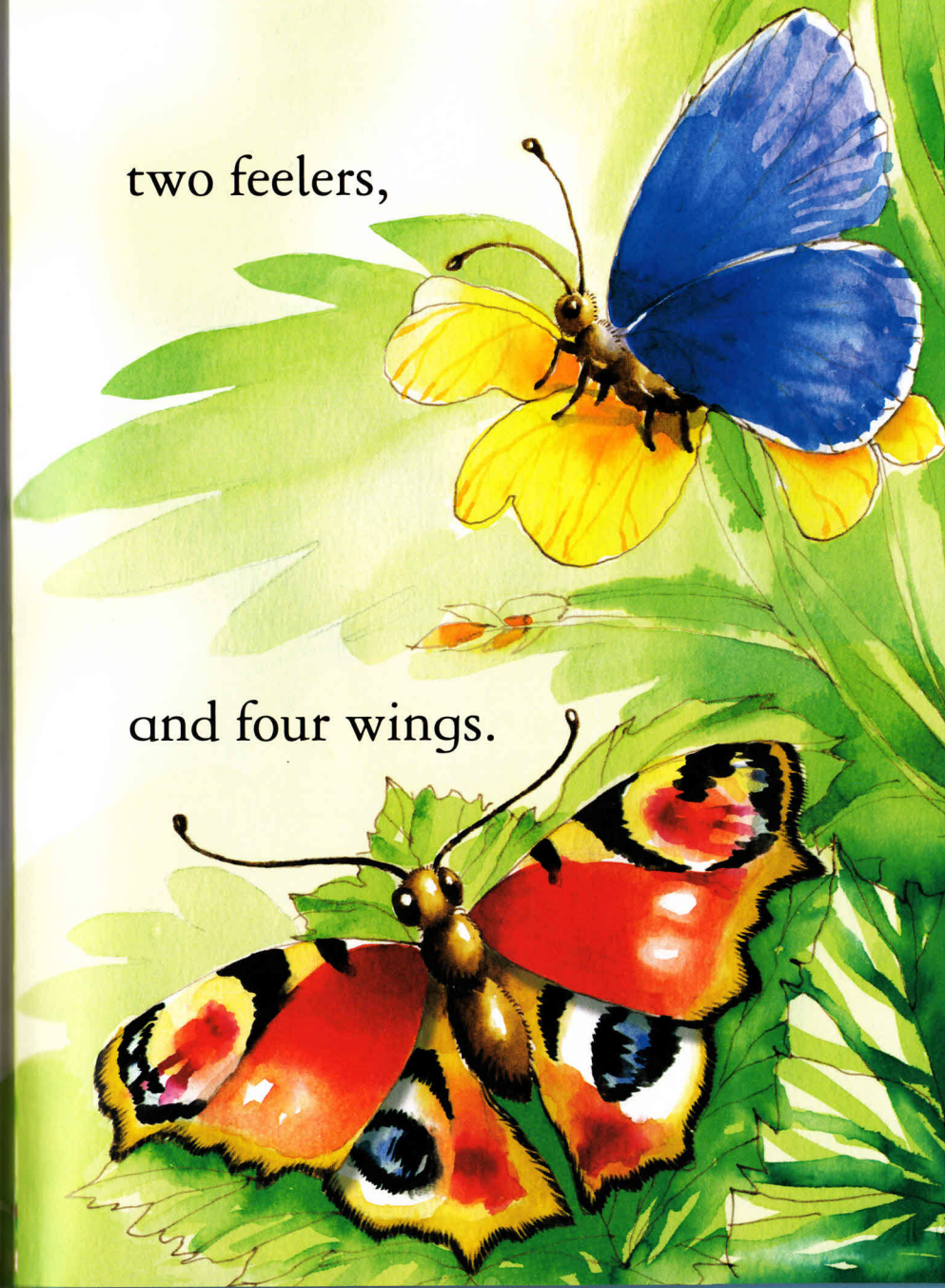
All butterflies have

two eyes,

six legs,

two feelers,

and four wings.



Butterflies hear with  
their wings and taste  
with their feet.



They use their feelers  
to feel their way around.



Butterflies can smell  
with their feelers, too.

Each morning, butterflies  
wake as the sun rises.



They need to  
warm up before  
they can fly.



So they stretch out their  
wings, and sit in  
the sunlight.





When they are warm...

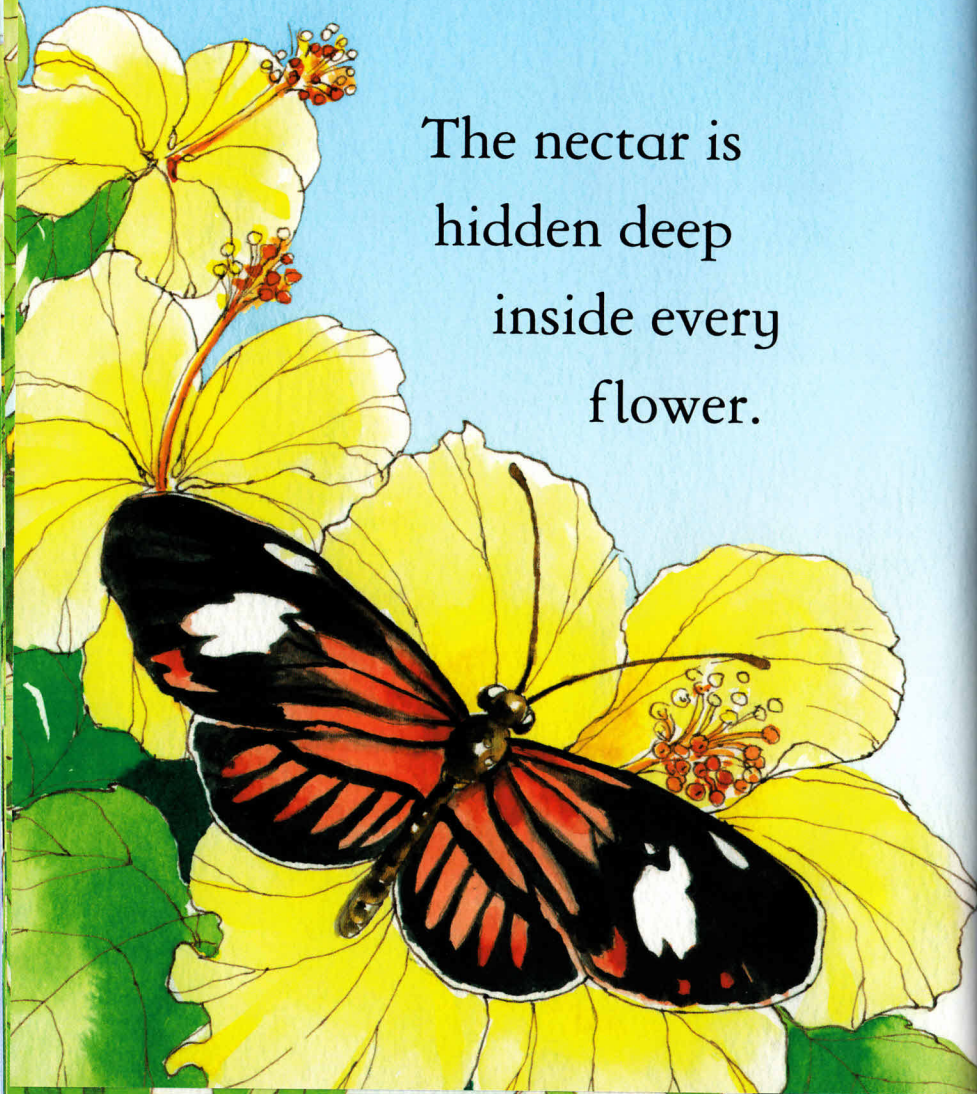


...they flutter  
from flower  
to flower  
to feed.

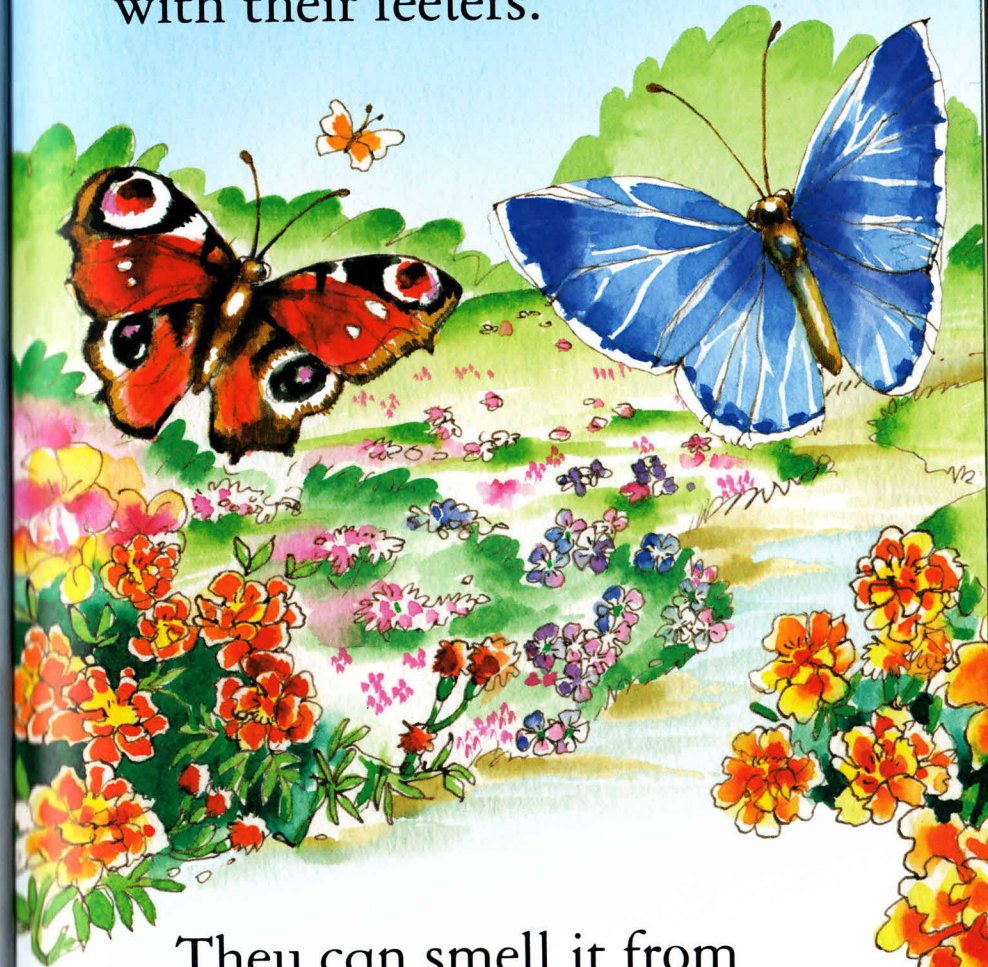


Butterflies can't chew food.  
They drink sweet juice from  
flowers, called nectar.

The nectar is  
hidden deep  
inside every  
flower.



Butterflies hunt for nectar  
with their feelers.



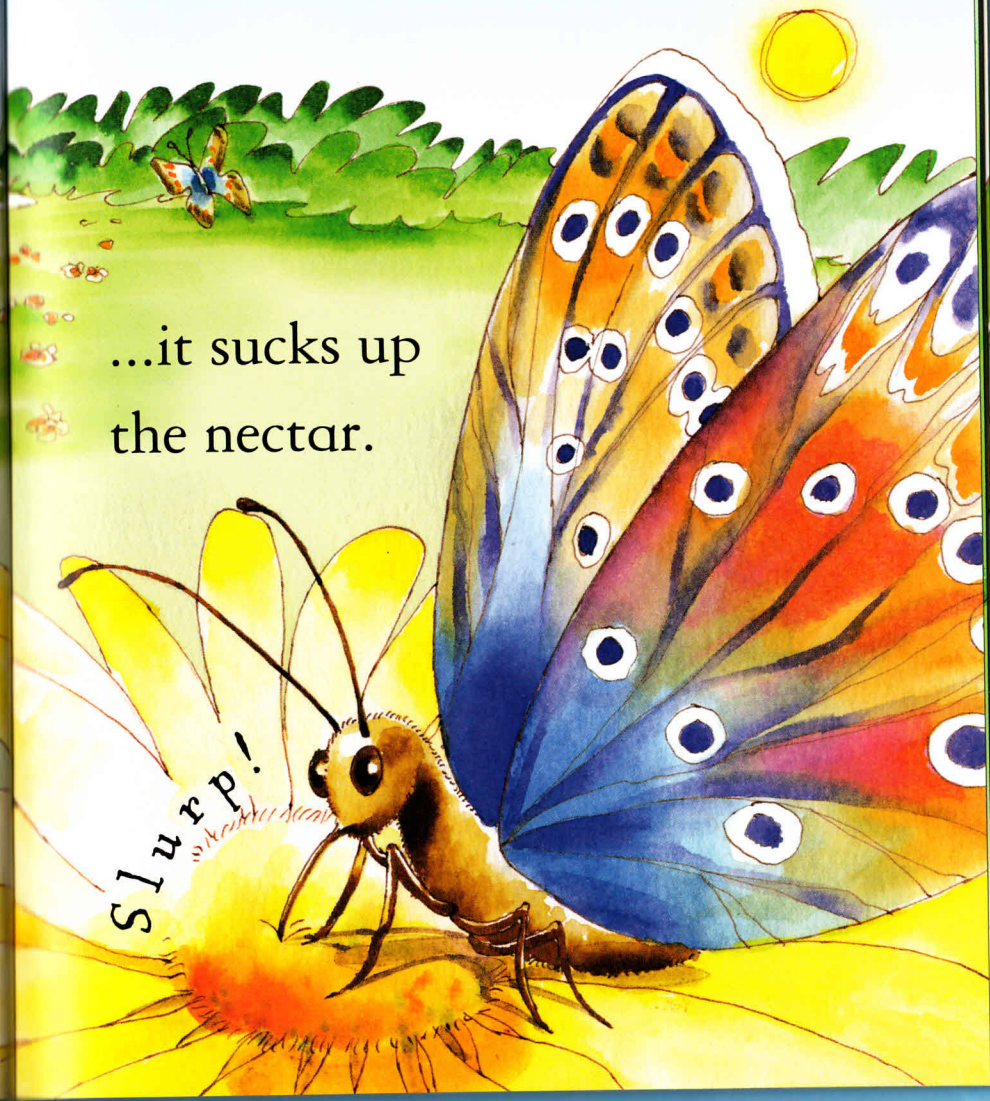
They can smell it from  
miles away.

A butterfly's tongue  
is called a proboscis.  
It works like a straw.



The butterfly pushes  
it deep down into a  
flower, and then...

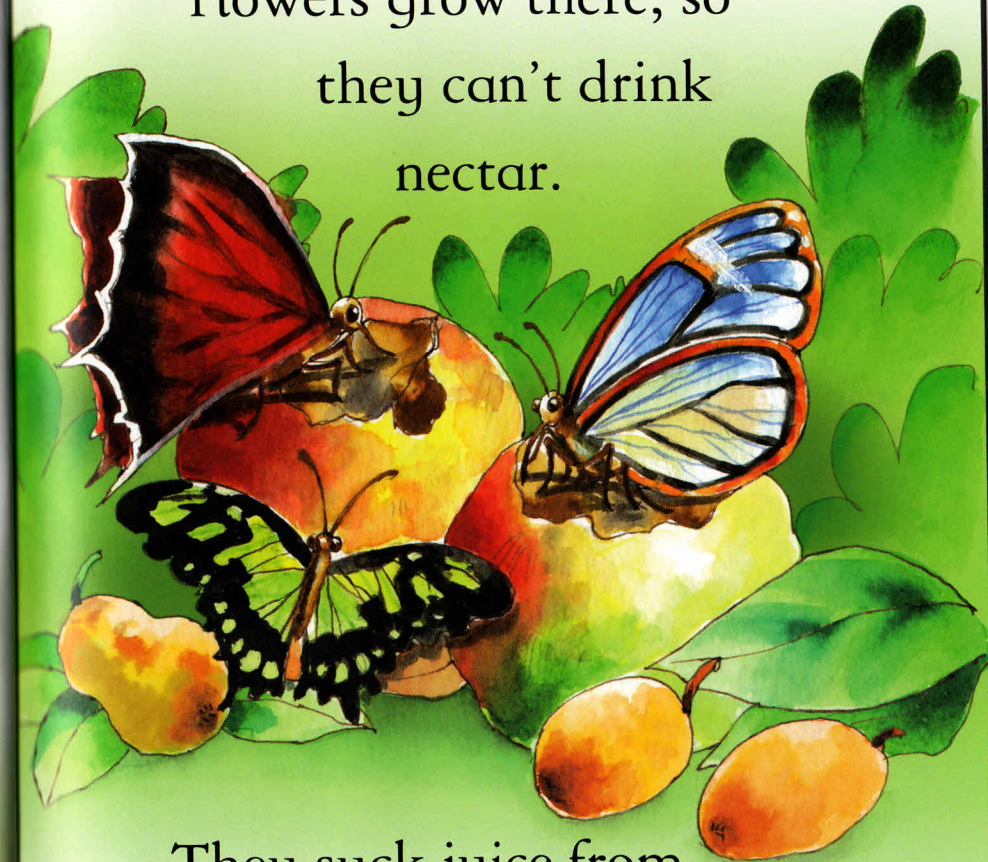
...it sucks up  
the nectar.



The butterfly curls up  
its proboscis when it has  
finished feeding.



Some butterflies live in  
dark jungles. Only a few  
flowers grow there, so  
they can't drink  
nectar.



They suck juice from  
rotting fruit or meat instead.

There are butterflies that live high up on mountains.

They have furry bodies to keep them warm.



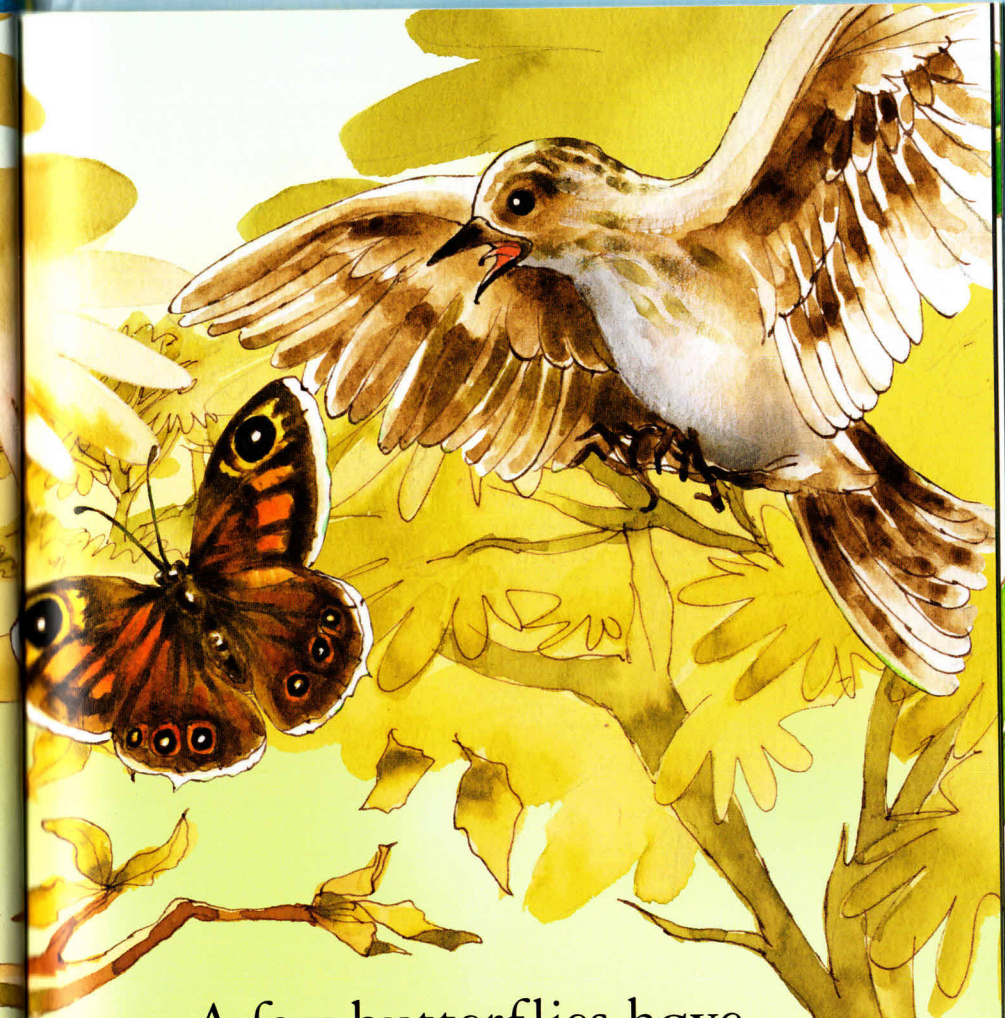
Others live in hot, dry deserts. They sleep in the shade and only come out after it rains.



Lots of butterflies live in woods and forests. Some look just like leaves.



This helps them hide from their enemies.

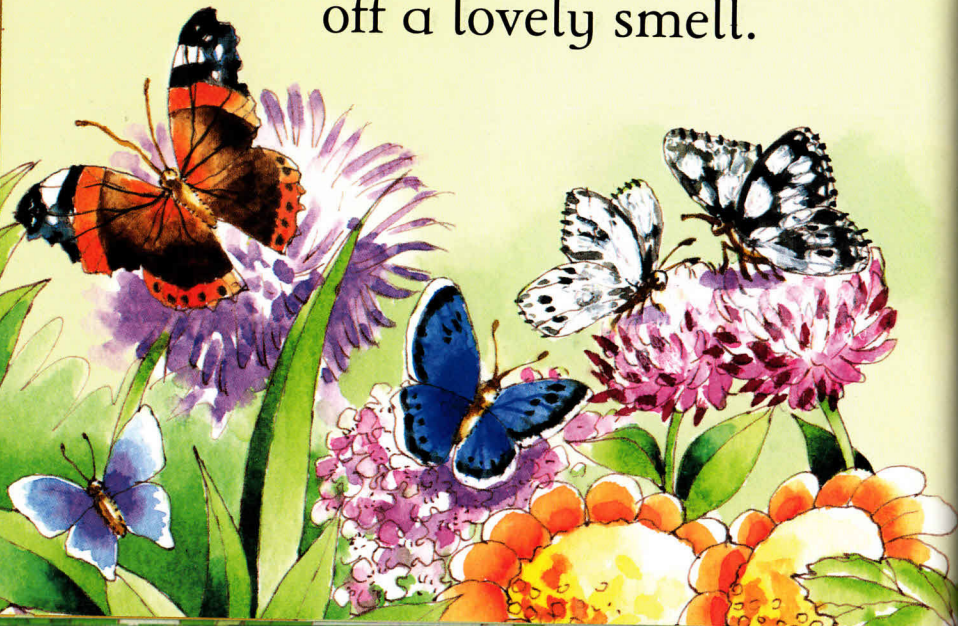


A few butterflies have spots on their wings. The spots look like big, scary eyes.

In spring or summer,  
all butterflies look for  
a partner.



Female butterflies let  
off a lovely smell.

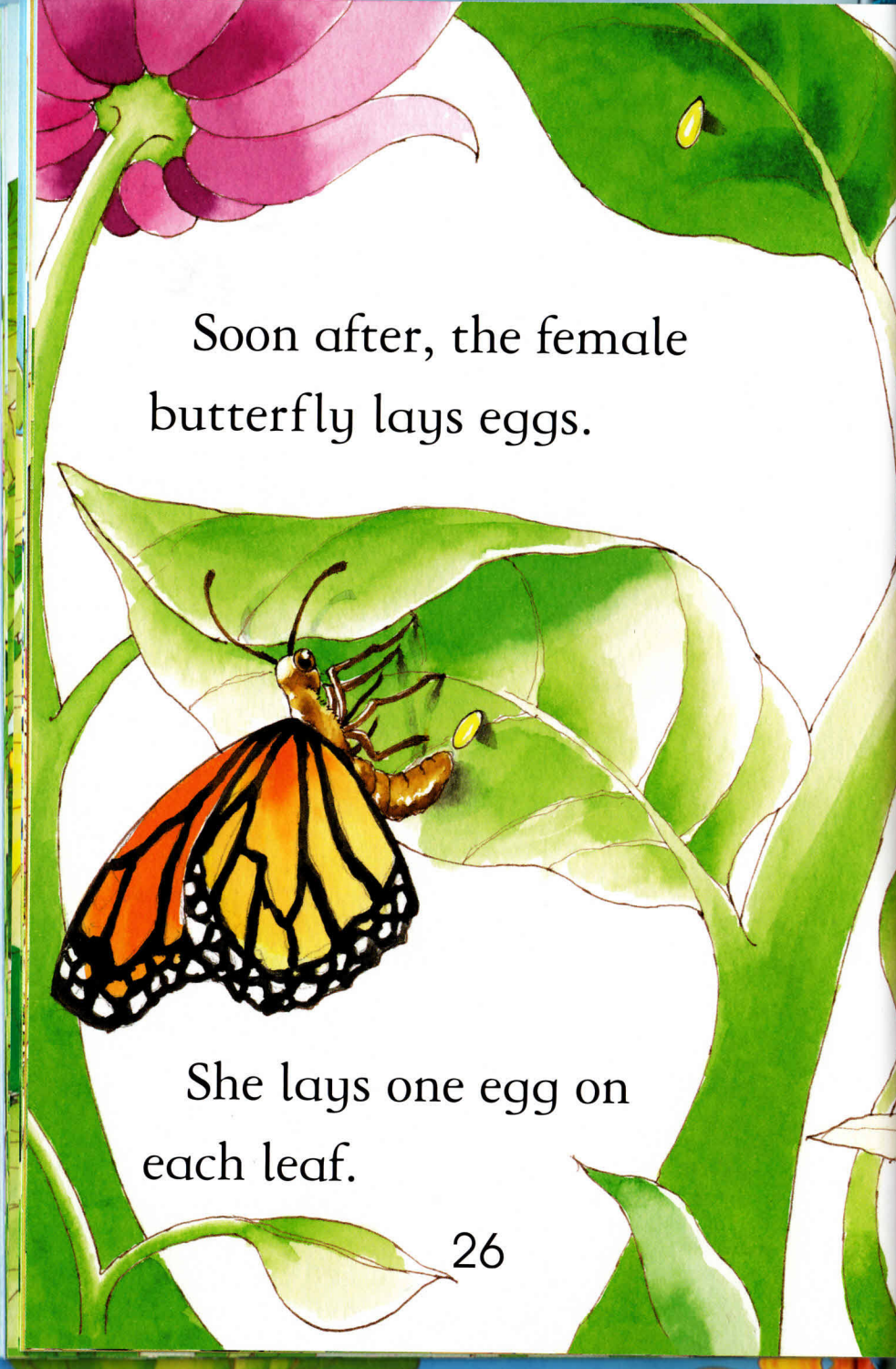


Male butterflies flitter and  
flutter above the females.



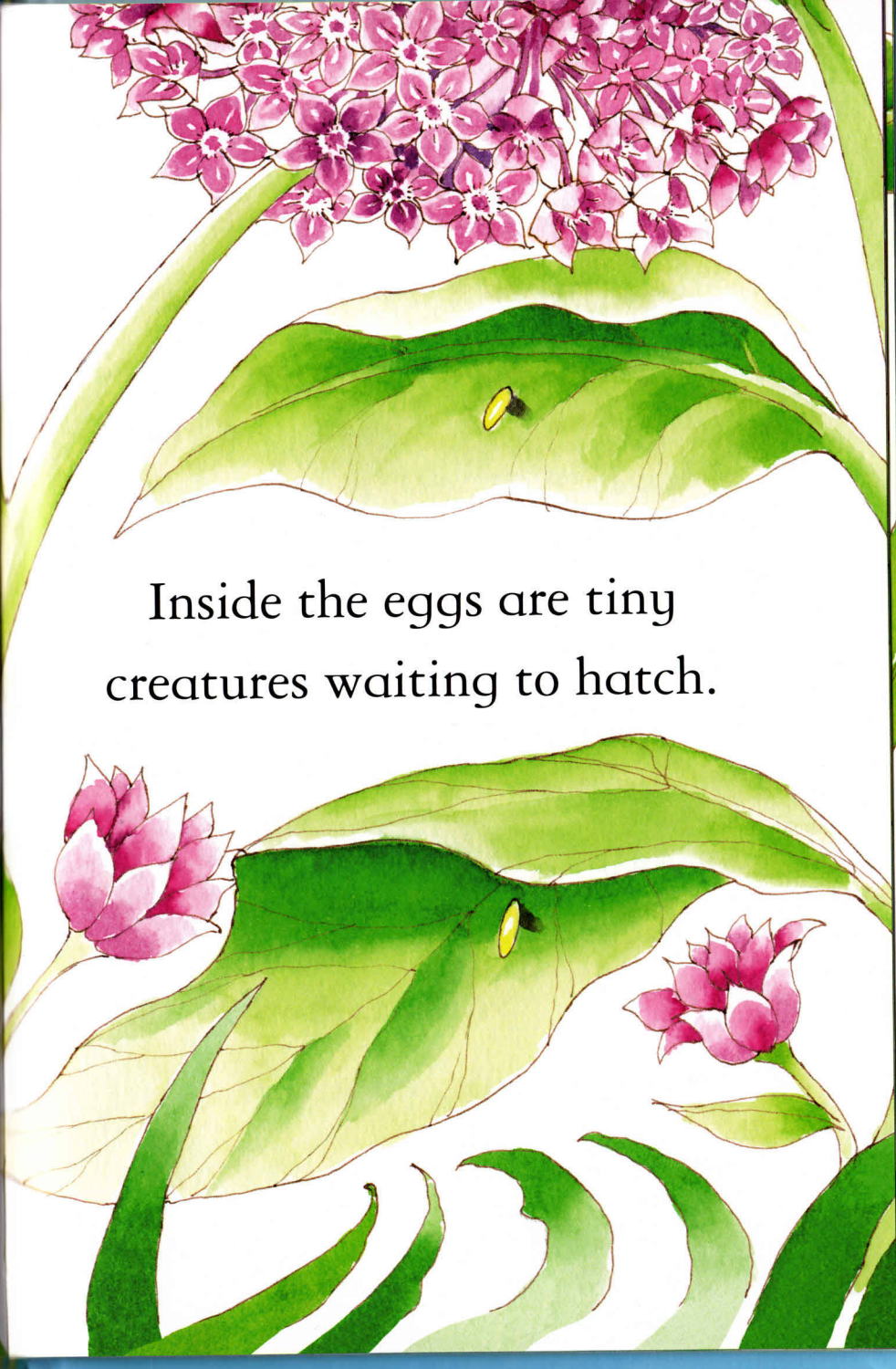
Then the male and  
female butterflies  
get into pairs.



A monarch butterfly with orange and black wings is shown from a top-down perspective, resting on a large green leaf. It is in the process of laying a single yellow egg on the leaf's surface. The background shows other green leaves and a pink flower.

Soon after, the female  
butterfly lays eggs.

She lays one egg on  
each leaf.

A cluster of small pink flowers is at the top of the page. Below it, a large green leaf has a single yellow egg attached to its surface. The scene is set against a white background with other green leaves and pink flowers visible at the bottom.

Inside the eggs are tiny  
creatures waiting to hatch.



These creatures are called caterpillars. They look more like worms than butterflies.



The caterpillar chews a hole in its egg. Slowly, it crawls out.

28

The caterpillar is very, very hungry. First, it gobbles up the egg.

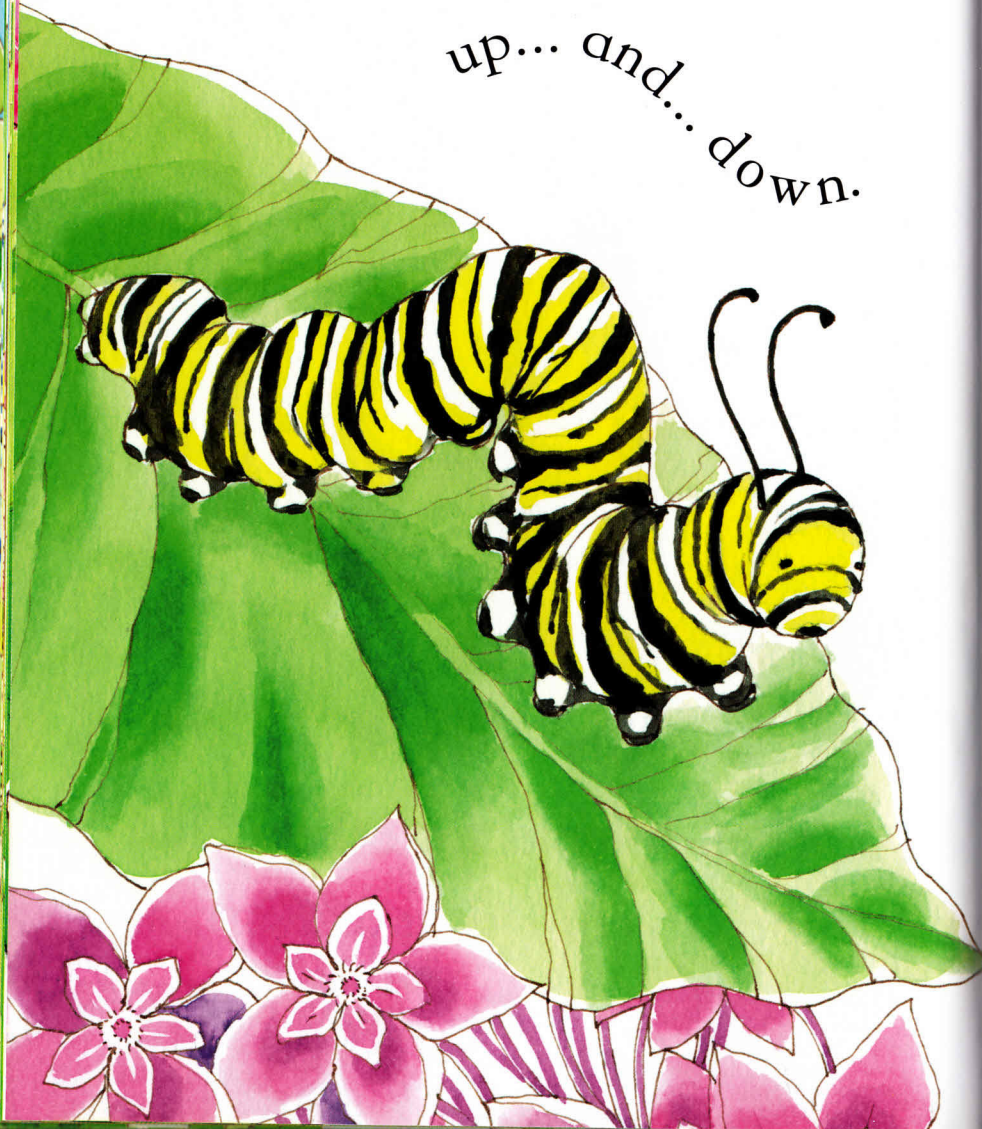


Then it looks for other things to eat.

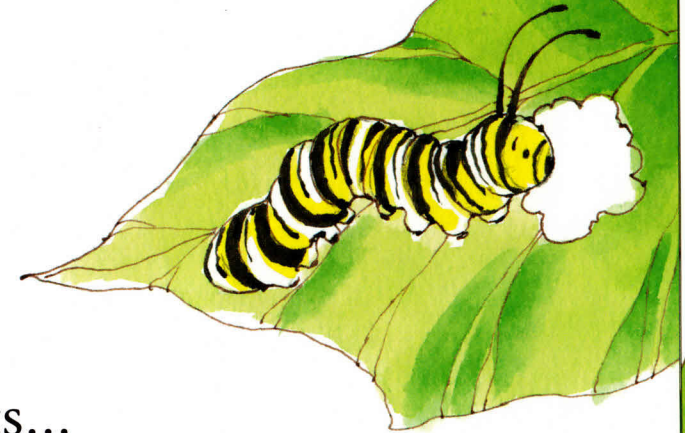
29

It creeps and crawls along,  
wriggling its body...

up... and... down.



The caterpillar eats...



and eats...



...and eats.



It grows bigger...



and bigger...



and bigger...

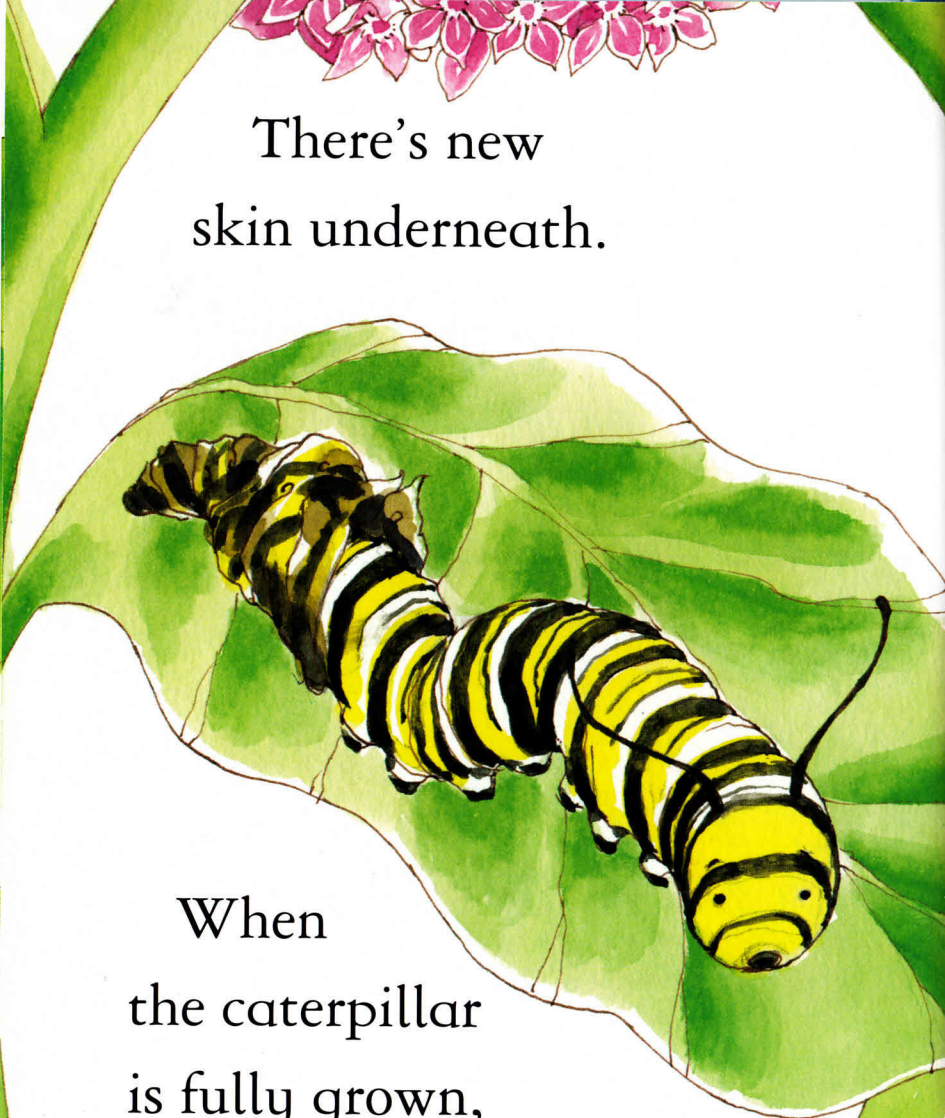
32

...until it gets too big  
for its skin.



The tight skin splits,  
and the caterpillar  
wriggles out.


33



There's new  
skin underneath.

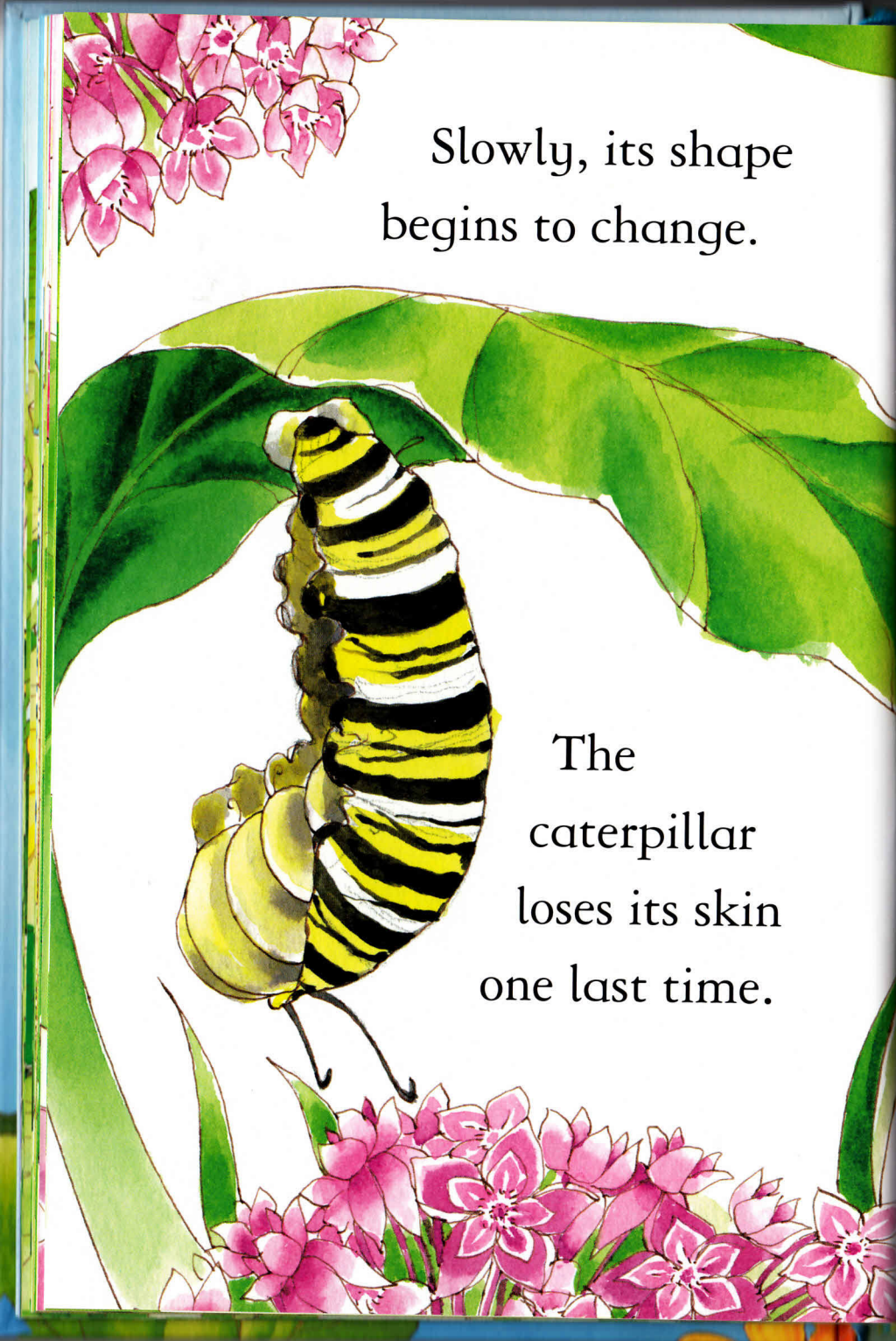
When  
the caterpillar  
is fully grown,  
it looks around  
for a safe spot to hide.

34




The caterpillar curls  
up under a leaf.

35

A yellow and black striped caterpillar is shown on a large green leaf. The caterpillar is positioned vertically, facing downwards. The leaf is vibrant green with detailed vein patterns. In the top-left and bottom-left corners, there are clusters of small pink flowers with white centers. The background is white.

Slowly, its shape  
begins to change.

The  
caterpillar  
loses its skin  
one last time.

A green and yellow pupa is shown hanging from a green leaf. The pupa is elongated and segmented, with a shiny, translucent appearance. It is attached to the leaf by a small black point at the top. The leaf is green and has a prominent vein. The background is white.

Underneath is a  
hard, shiny shell.  
This hard shell is  
called a pupa.

The pupa  
hangs from the leaf.  
It doesn't move at all.

Inside, something  
amazing is happening.



38



The caterpillar  
is changing into  
a butterfly.

39

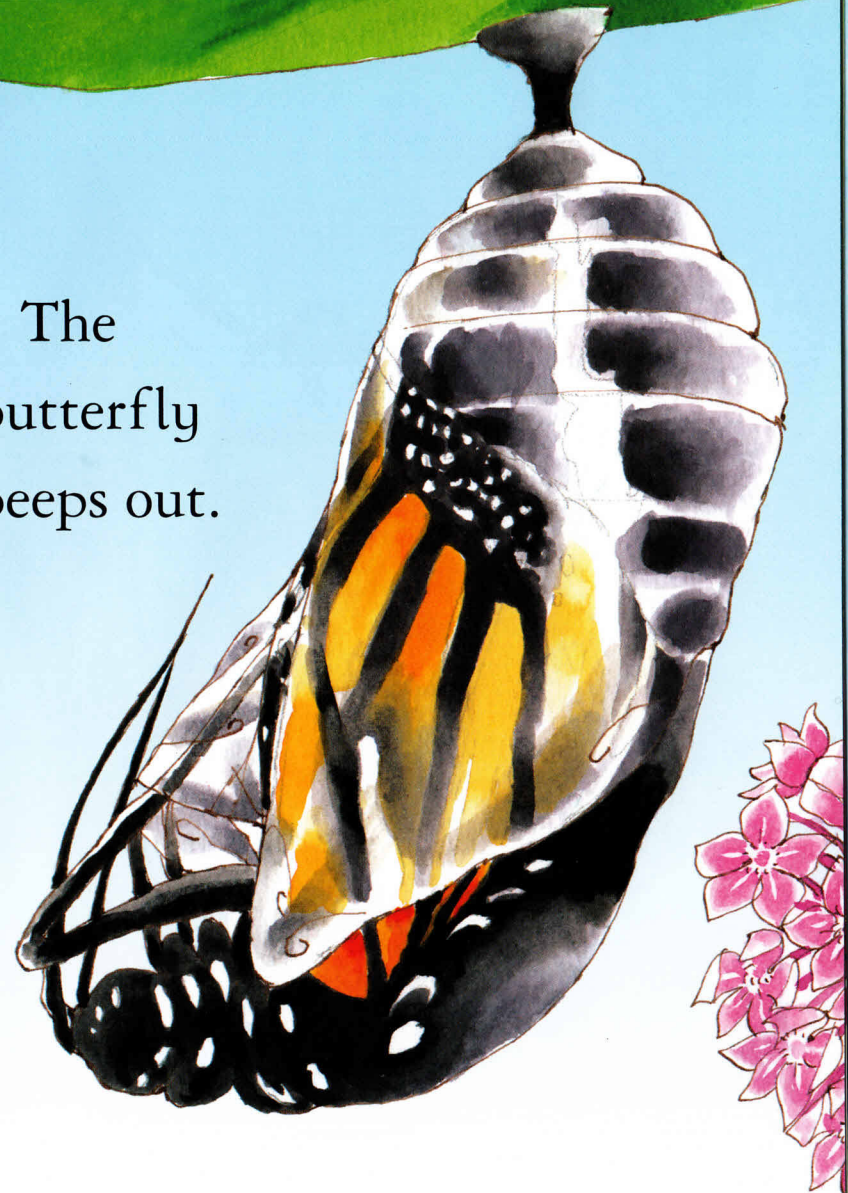
Two weeks later,  
the butterfly is  
ready to come out.



The pupa  
starts to  
crack.

40

The  
butterfly  
peeps out.



Then it creeps out.

41

The butterfly's  
wings are crushed  
and wet.



It stretches them  
to dry in the sun.

Carefully,  
the butterfly  
spreads its  
new wings.



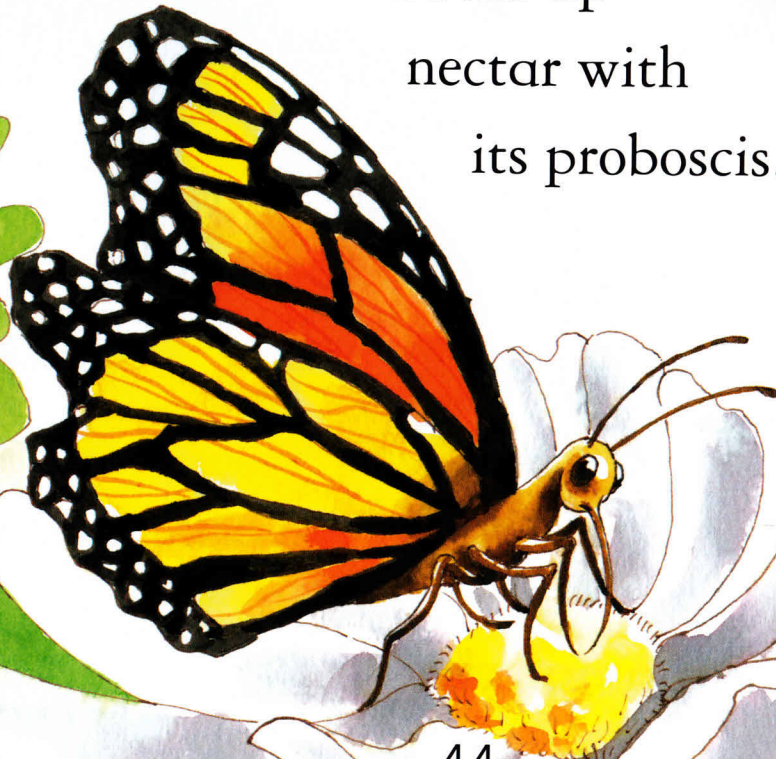
It swoops and  
sails through the sky.



The butterfly flutters to a flower. Its wings shine in the sun.



It sucks up nectar with its proboscis.



Then it spies other butterflies flying above the flowers...



...and flutters up to join them.

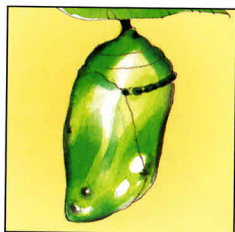
## Butterfly words



**nectar** – a sweet juice inside flowers which butterflies drink



**proboscis** – a butterfly's tongue, used for sucking up nectar



**pupa** – a hard case that forms around a caterpillar as it changes into a butterfly

## Index

caterpillars, 28-36  
eggs, 26-27, 28  
feeding, 14-19, 44  
feelers, 7, 9, 15  
finding a partner, 24-25  
nectar, 14-17, 19, 44  
proboscis, 16-18, 44  
pupa, 37-41  
wings, 7, 8, 11, 23, 42-43





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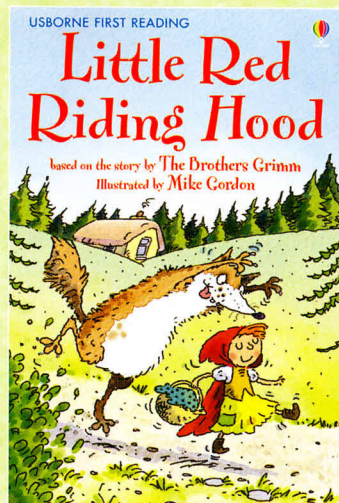
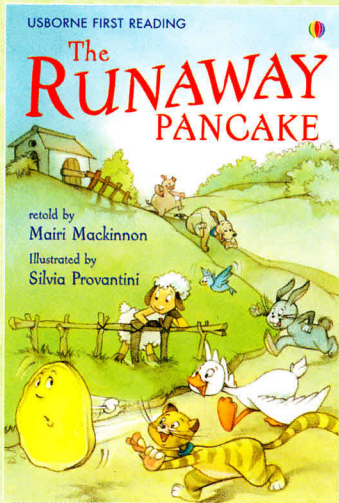
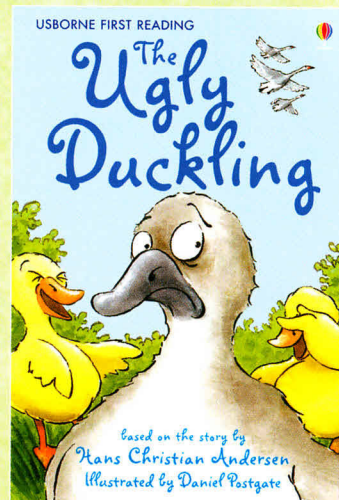
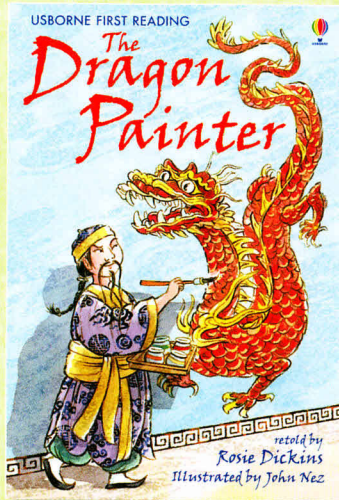
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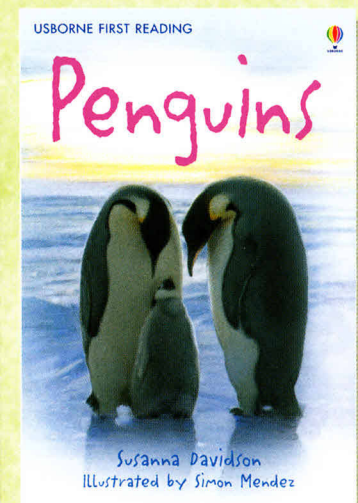
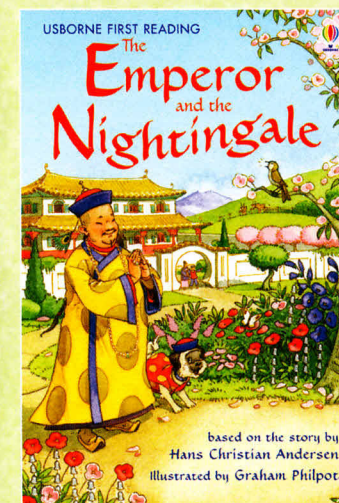
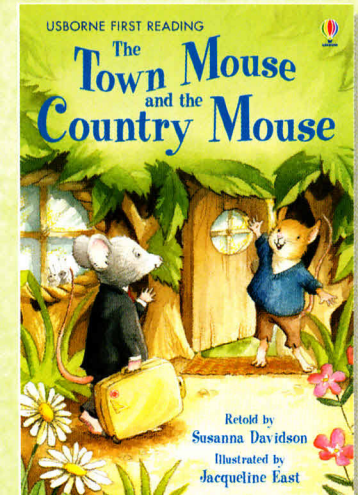
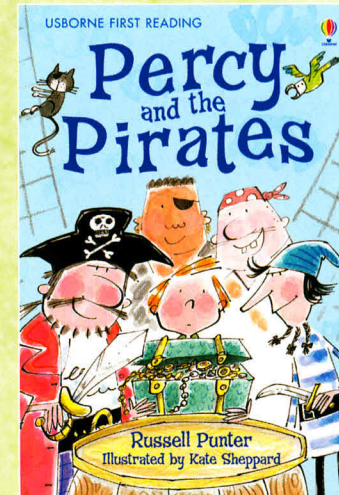
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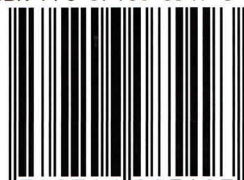
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