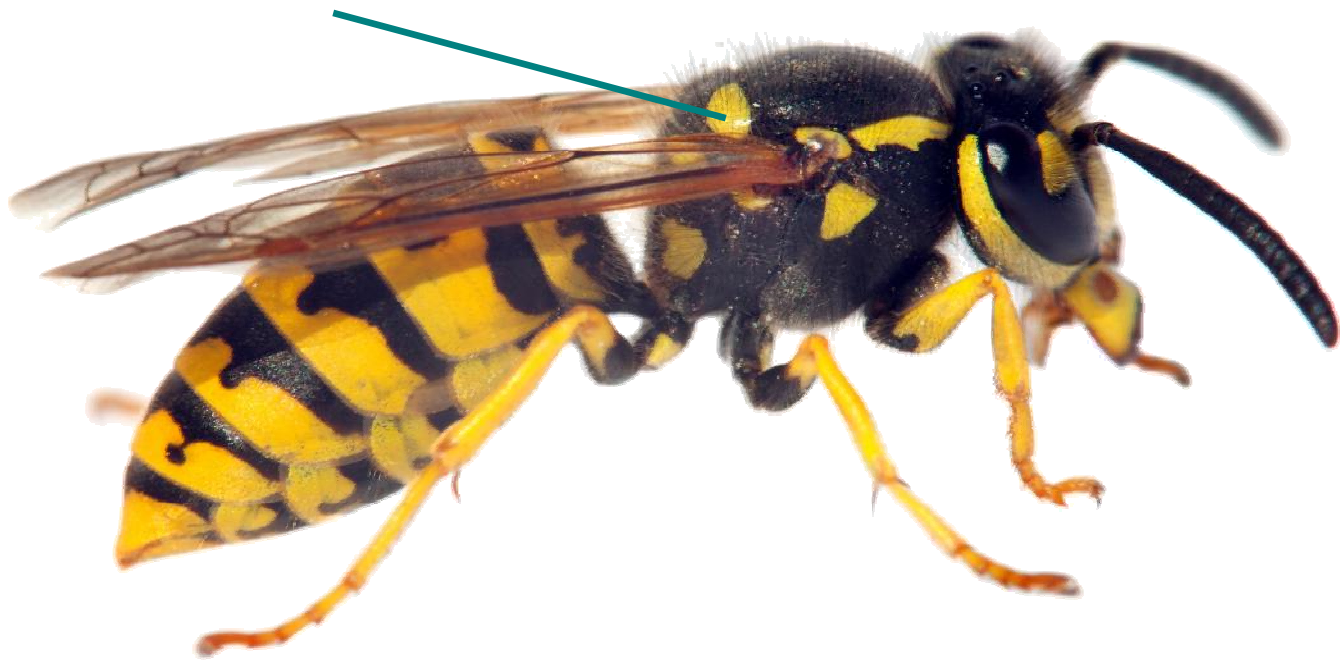


# All insects have...

a hard outer covering  
called an exoskeleton.



# All insects have...



three pairs of legs.

# All insects have...

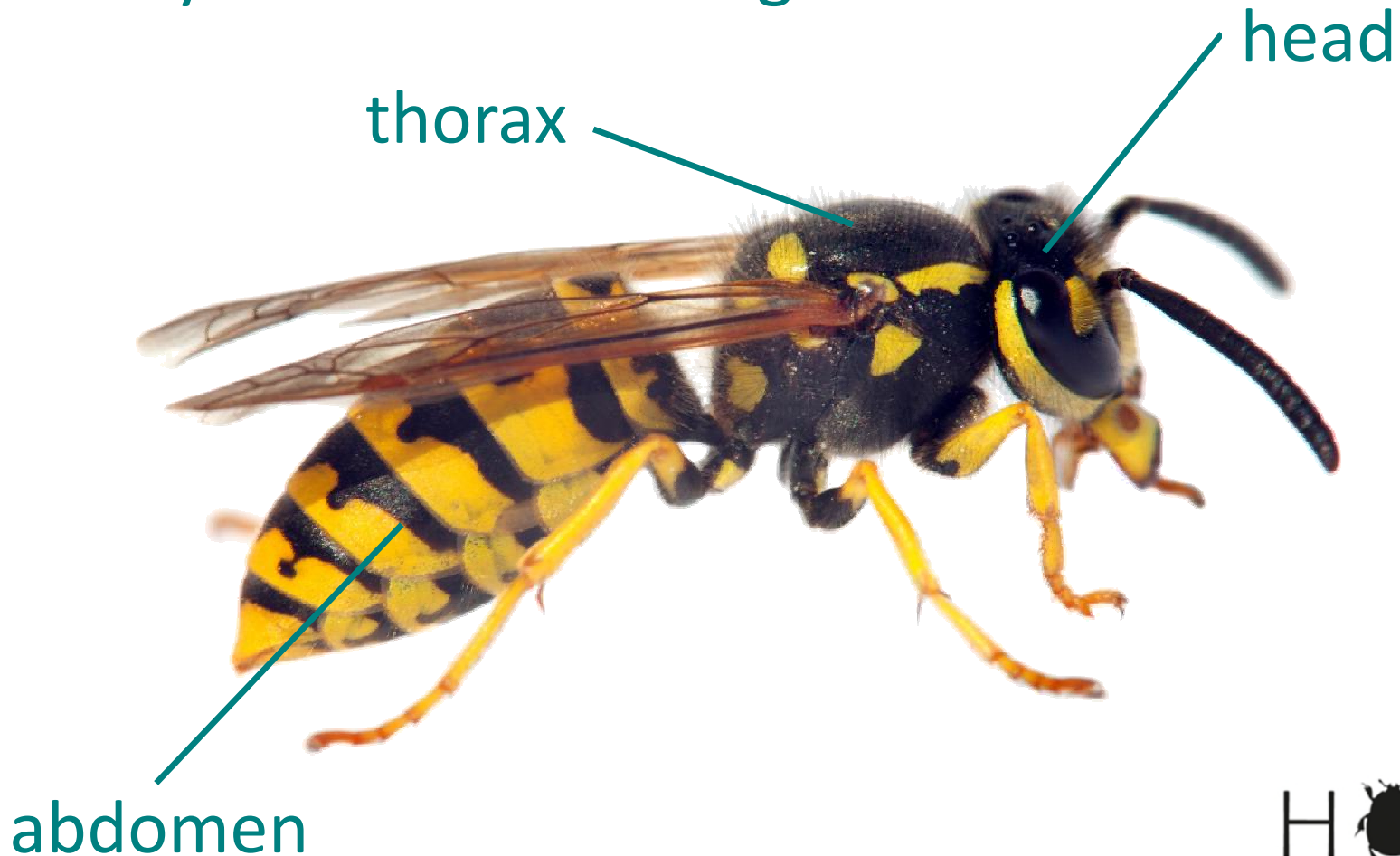
sense organs called antennae.



(one antenna, two antennae)

# All insects have...

a body made of three segments:



**Some** insects have...  
one or two pairs of wings.



# Insect relatives

Spiders look a bit like insects but...

they have **four**  
pairs of legs

their bodies  
are divided  
into two  
parts:  
cephalothorax  
abdomen



# Insect relatives

Woodlice look a bit like insects but...



their body has many more segments and they have seven pairs of legs.



# Insect relatives

Centipedes and millipedes  
look a bit like insects but...



Lots of body segments  
and way too many pairs  
of legs!

# Types of insect

There are five common types you may see:



Beetles  
(Coleoptera)



Bees, wasps  
and ants  
(Hymenoptera)



Flies  
(Diptera)



Butterflies  
and moths  
(Lepidoptera)



True bugs  
(Hemiptera)

# Things to do next



Have a go at our insect spotting [quiz](#) .



Find out more about different types of insect.



See which insects visit your local park, window box or garden.



Draw an insect from one of the following pages.  
Can you label the parts?

# Draw the other half

Small tortoiseshell butterfly



# Draw the other half

Dung beetle



# Draw the other half

Honey Bee



# Draw the other half

Fly



# Draw the other half

Shield Bug





# Draw the other half

Grasshopper



# Acknowledgements

We hope you enjoyed *How to spot an insect!* This is one of a series of resources based on the HOPE collection of British insects at the University of Oxford Museum of Natural History.

You can find more about the Hope for the Future Project on our website: [oumnh.ox.ac.uk/hope-future](http://oumnh.ox.ac.uk/hope-future)

## Picture credits:

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Wasp, centipede, ladybird: Adobe Stock

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