

MEET A HORNET

I am an Asian giant hornet. My scientific name is *Vespa mandarinia*. There are about 2,000 different types of hornets. I am one of the largest and most aggressive hornets—I sting multiple times.



ACTUAL
SIZE

AMAZING

The Asian giant hornet is the largest in the world.

MEET A WASP

I am a wasp. I am slightly orange and have a skinny waist. I am a paper wasp, and my scientific name is *Polistes perplexus*. Don't come near me, or I might sting you.



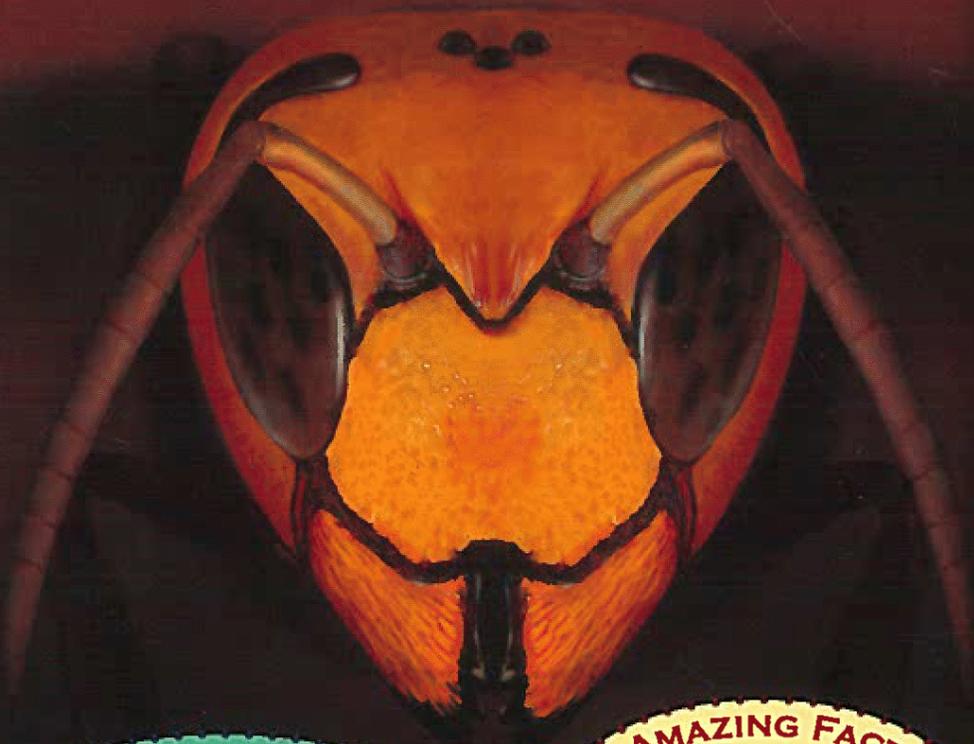
ACTUAL
SIZE

WHAT A FACE

How do you like my hornet face? I am so awesome, I should be making science-fiction movies in Hollywood. I could be a star!

DID YOU KNOW?

Hornets, wasps, and bees have compound eyes.



MOUTH FACT

Hornets have strong jaws. They bite!

AMAZING FACT

Compound eyes allow insects to see multiple images at once.

ANOTHER GREAT FACE

How do you like my wasp face? I am so good-looking, I should be a Halloween mask. I could scare you!

FACT

Wasps and hornets have compound eyes, but they also have three small eyes on the top of their heads.



BITE FACT

Wasps have strong jaws, too!

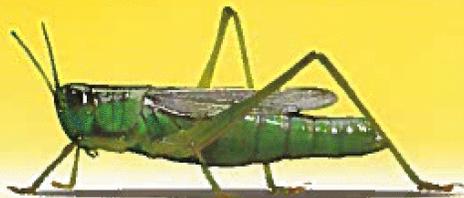
DID YOU KNOW?

Wasps and hornets can feel, taste, and hear with their antennae.

DIET



Do you wonder what I eat? I am a hornet; I don't care for nectar or those goofy flowers. I like to eat other bugs.



FACT
Hornets attack beehives, kill bees, and eat larvae.

I sometimes eat dead animals, or maybe your garbage.



DIET

I am a wasp. I eat meat—mostly spiders, caterpillars, bugs, and other insects. I like to eat human food, too.

FUN FACT

On a picnic, a wasp may go after your cheeseburger.



DID YOU KNOW?

A wasp would visit a flower and drink a little nectar.



**TOO
NASTY**

**!
TO SHOW**

HORNET STINGER

A honeybee will sting you once and then die. A hornet can sting over and over again.

FACT

The abdomen of the hornet is segmented. It can swivel around and line up a perfect sting.

This is a close-up of a hornet stinger. It has tiny ridges.

DEFINITION

Segmented means made of different sections.

CAN YOU?

Can you outrun a hornet? Hornets fly about

WASP STINGER

A wasp has a smooth stinger. A wasp can also sting multiple times!

OTHER ANIMALS THAT STING

Bees, stingrays, jellyfish, platypuses, and scorpions.

This is a close-up of a wasp stinger.

SPEED FACTS

An Olympic sprinter runs 26 miles per hour. A wasp can fly up to 17 miles per hour. A third grader can run up to 12 miles per hour.

FACT

The wasp's and hornet's abdomen can swivel 360 degrees.