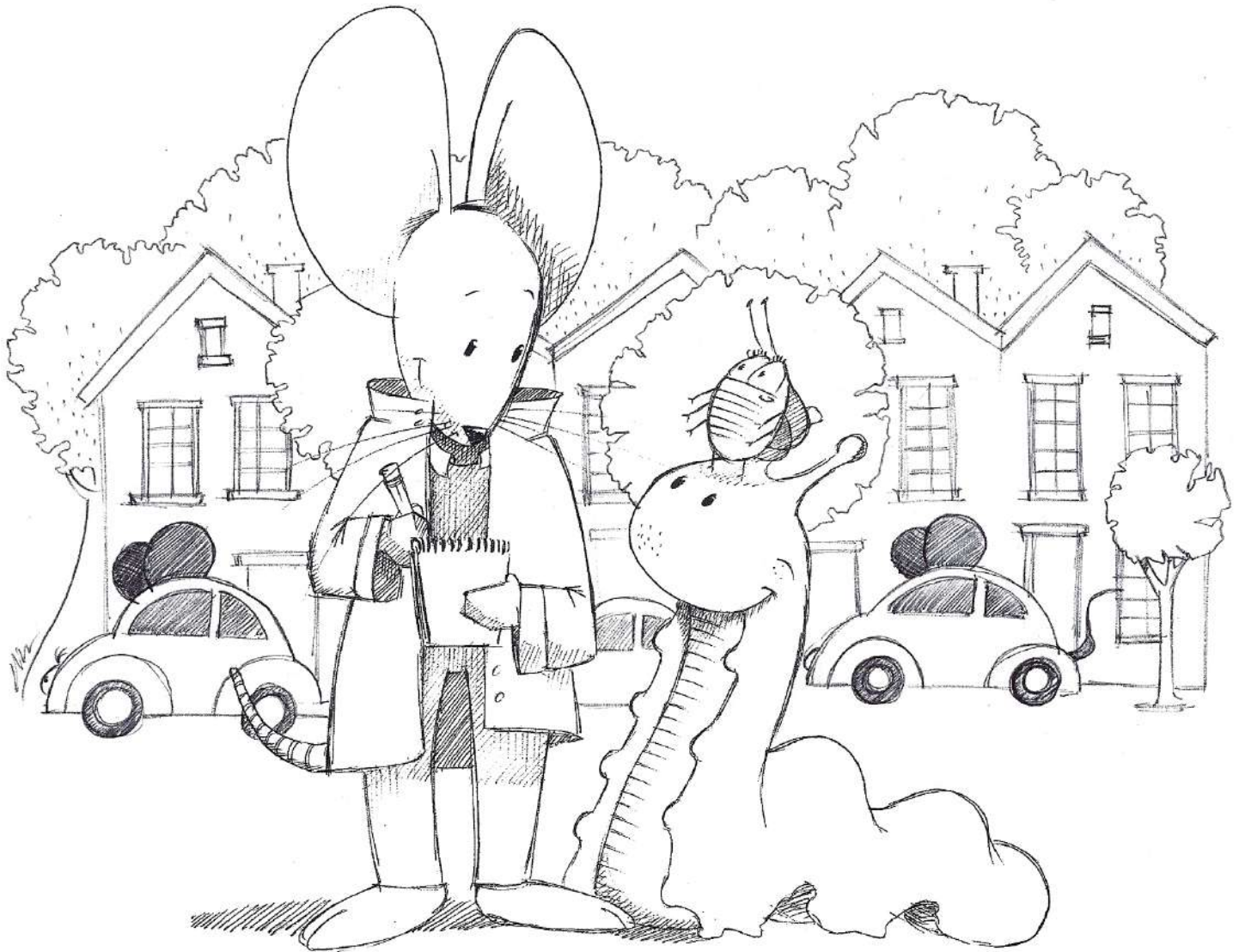




Truly Nolen presents:



the mouse investigator

Finding out all the fun facts about bugs.

Hi kids!

this is mr.

mouse the investigator-

he has a passion for

finding out all the

strange but true bug

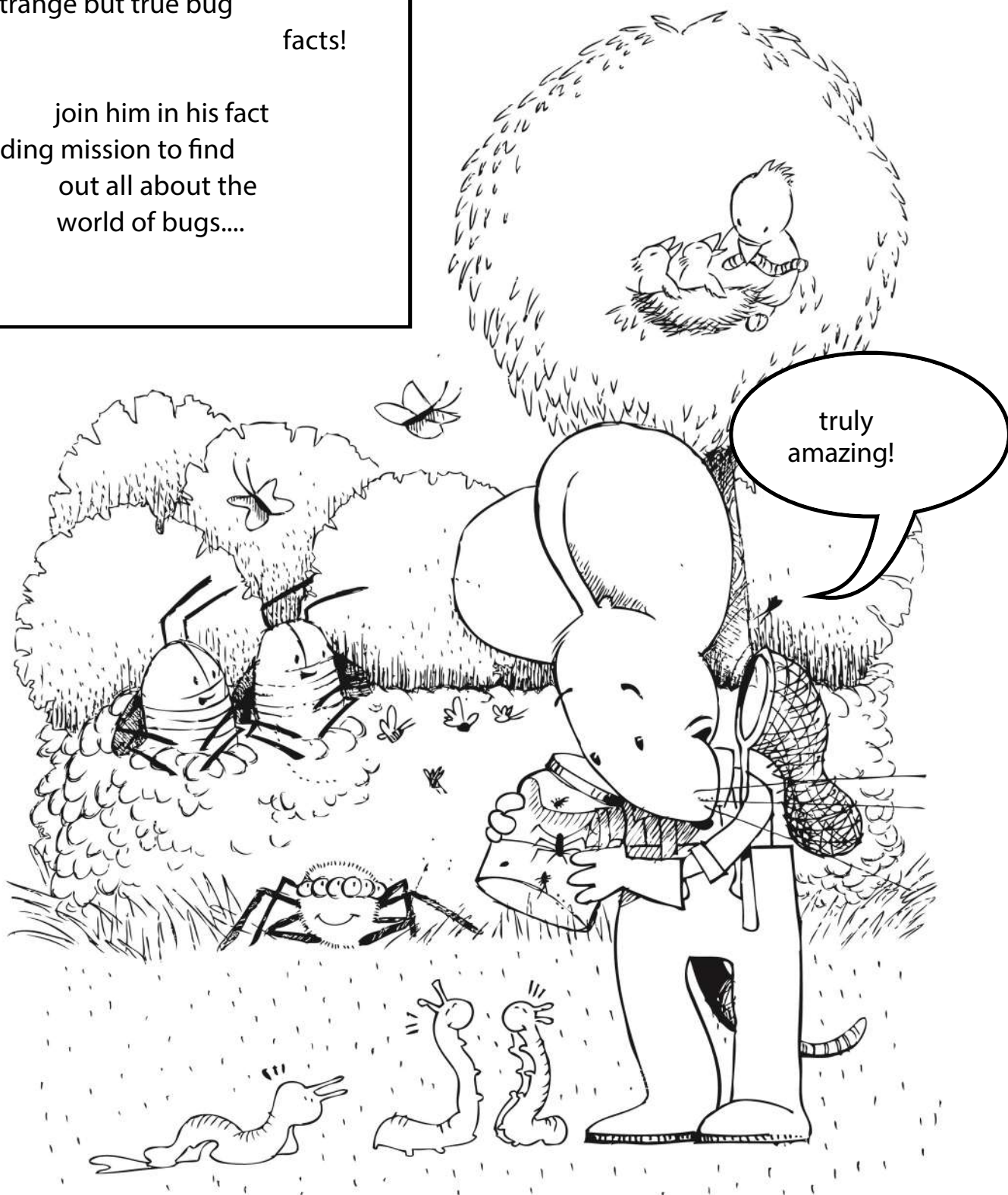
facts!

join him in his fact

finding mission to find

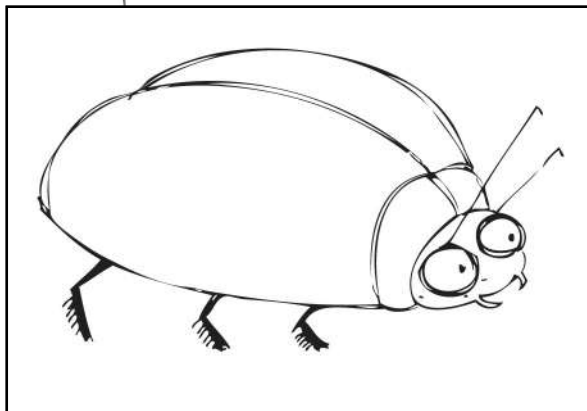
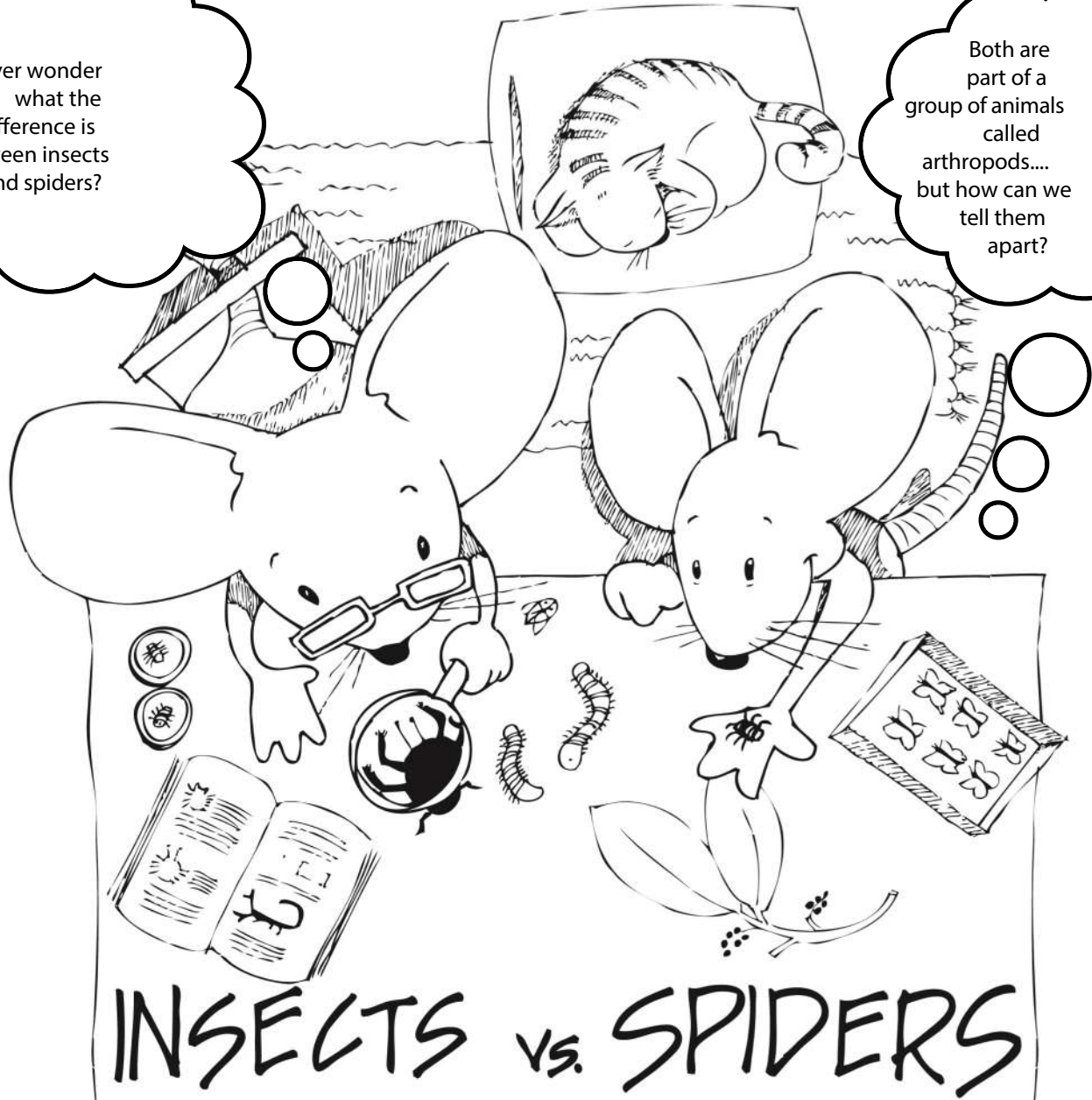
out all about the

world of bugs....

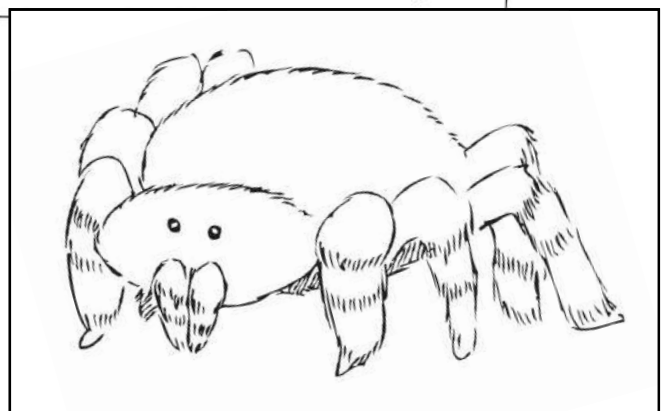


Ever wonder what the difference is between insects and spiders?

Both are part of a group of animals called arthropods.... but how can we tell them apart?

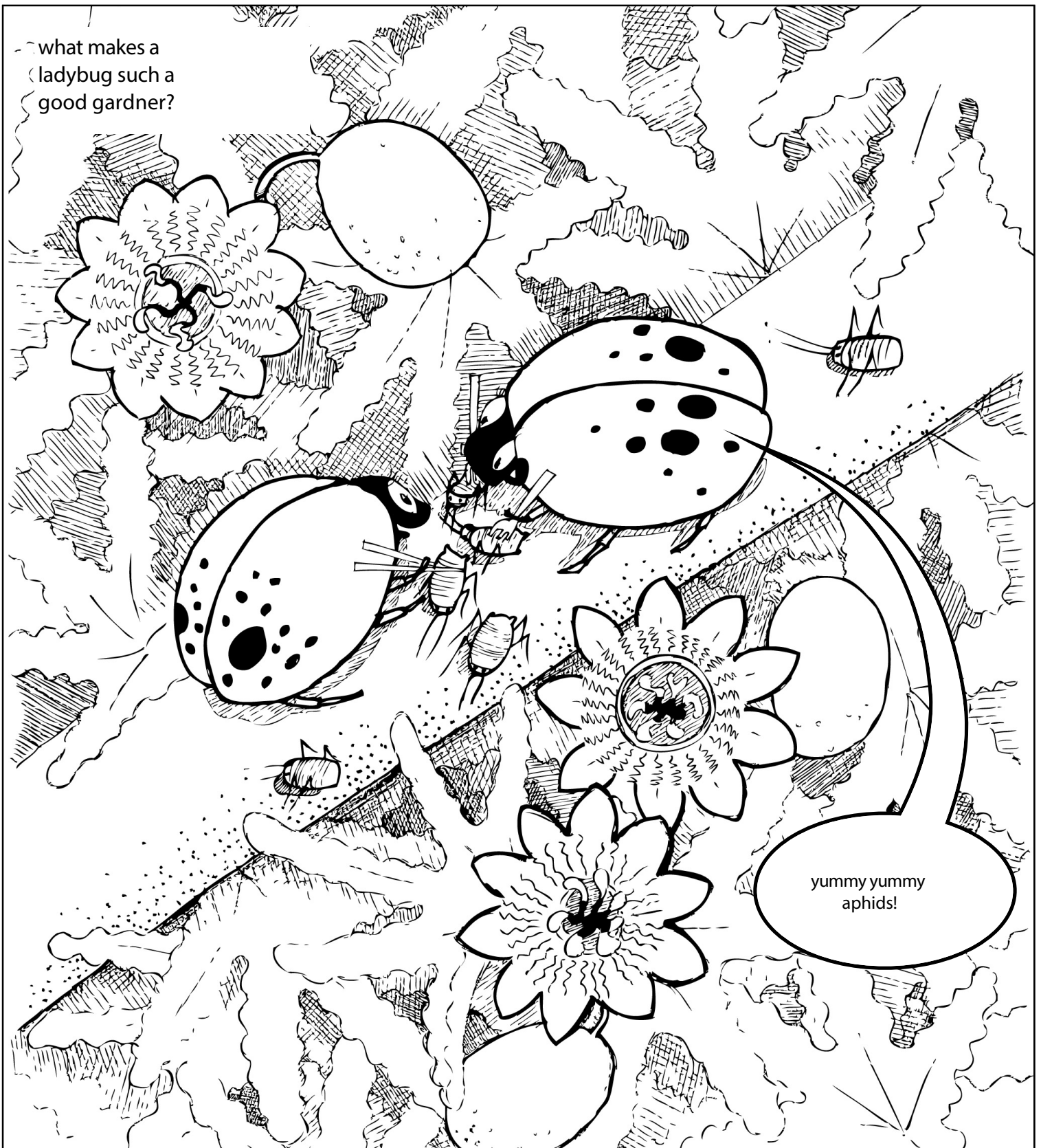


The first difference is that insects have six legs and two antennae, while spiders have eight legs and no antennae.



Spiders also have two arm-like parts called pedipalps used for handling food and mating.

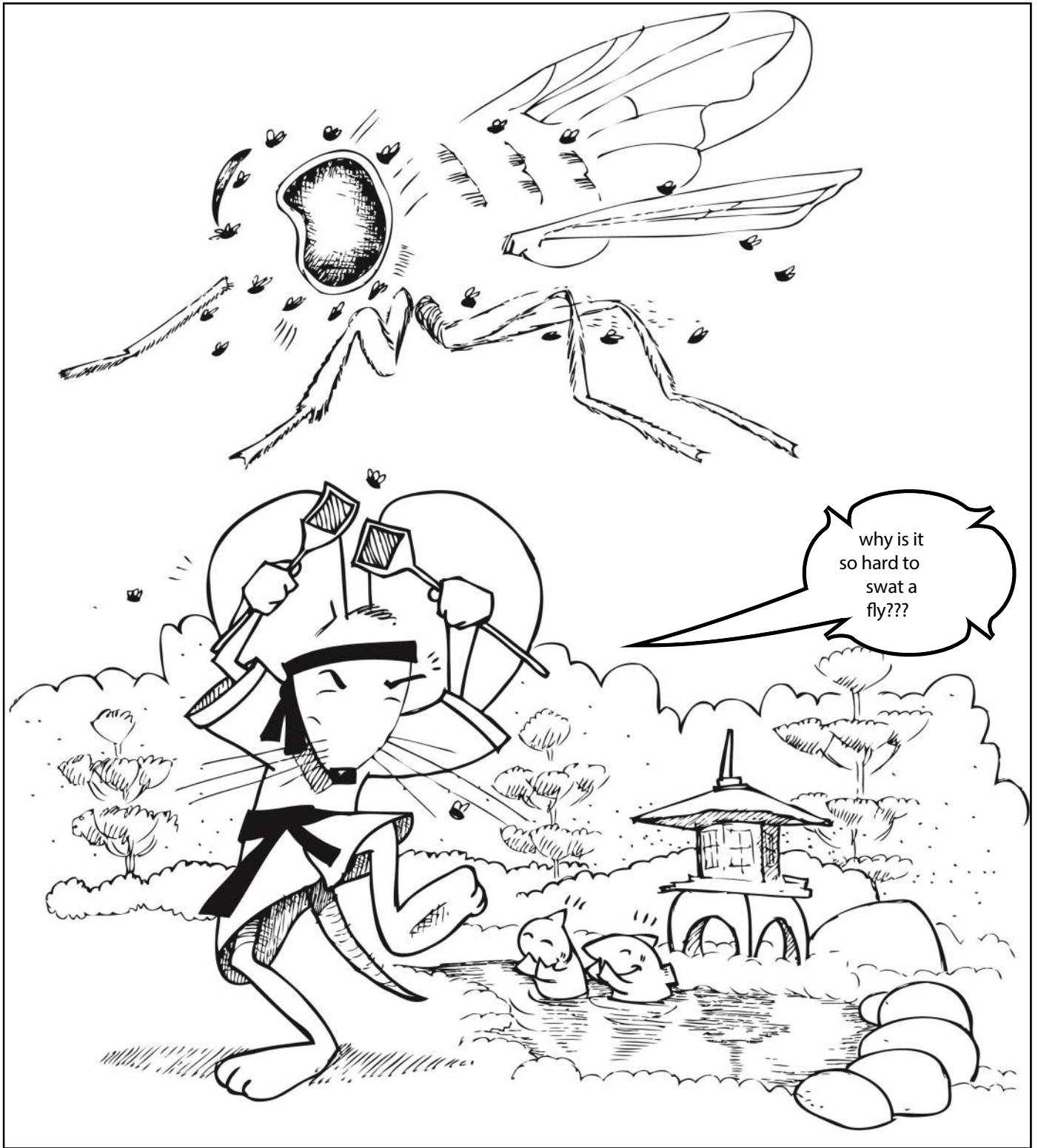
what makes a
ladybug such a
good gardner?



yummy yummy
aphids!

ladybugs don't get rid of pests called aphids just to be nice- they eat the aphids for breakfast, lunch and dinner!

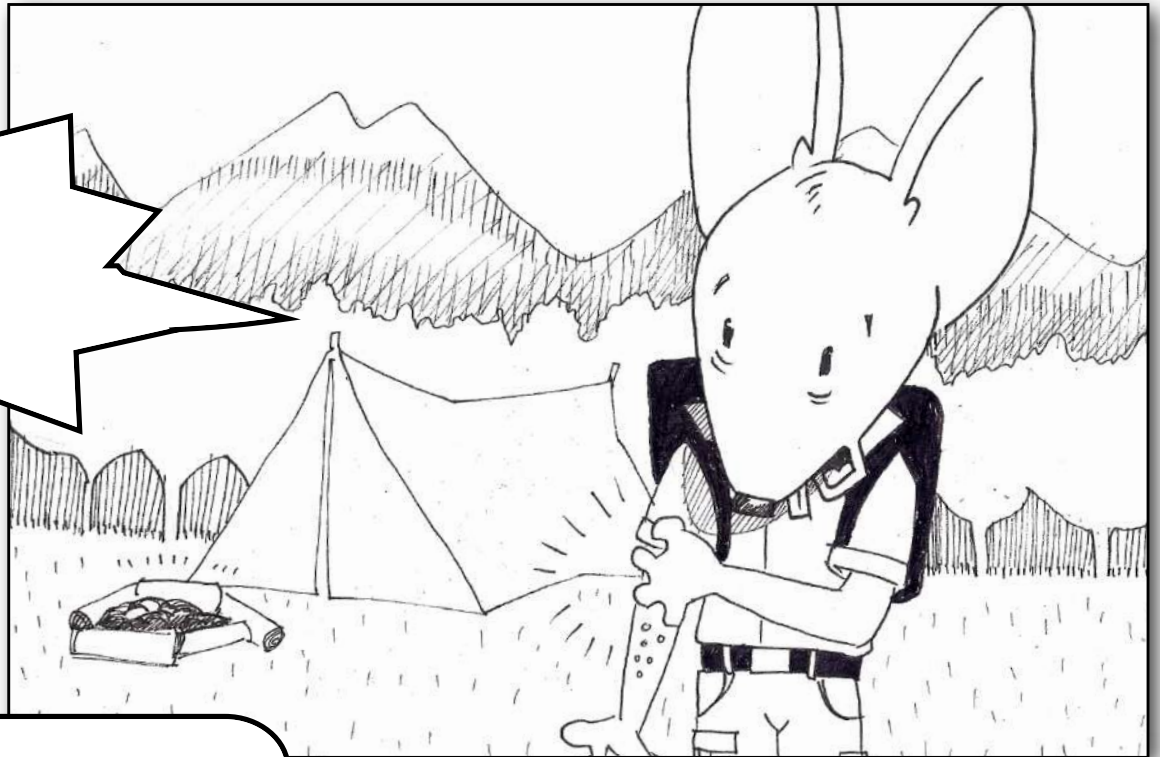
Gardeners love ladybugs because they eat the aphids before they snack and destroy the lovely plants.



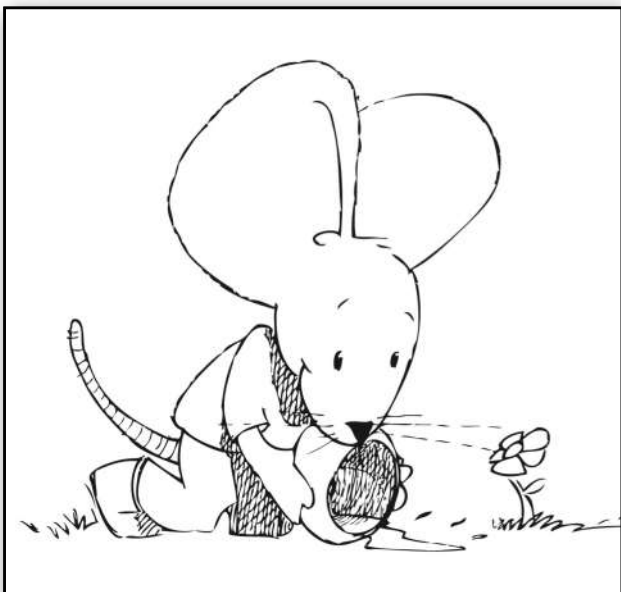
For two reasons:

1. they feel the breeze from the flyswatter before it hits them.
2. they have huge eyes that give them a view of what goes on all around them, not just right in front... if we had eyes like that we could see what is going on behind us!

how do these
little mosquito
bites itch SO
much???



the truth is, a mosquito never
really bites you- the mosquito
actually drinks your blood!!
It injects a bit of saliva that
keeps your blood from
clotting. our bodies have an
allergic reaction to their
saliva- making a tiny, tiny pinch,
very, very itchy.



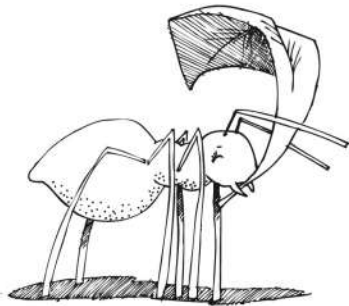
By the way... did you know that it is
difficult to get rid of mosquitos because
they quickly develop resistance to
pesticides?
we can all help in little ways- like
draining places filled with shallow
water, a favorite breeding place for
mosquito larvae!

what are all those leaf-cutter ants up to??

it's amazing that leaf-cutter ants carry so much weight: the leaf slices they carry can be 30 times their own weight- that would be like you carrying around a car!



but almost more amazing is that they don't just go home and eat those leaves:

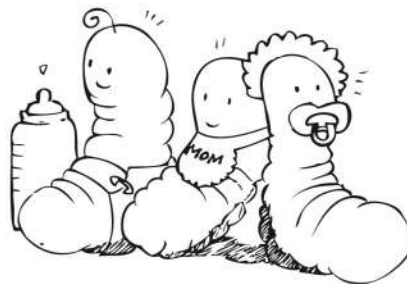


they then pass on the leaves to the nurser worker who chew the leaves into a gooey mulch.

worker ants bring them to their enormous underground colonies.

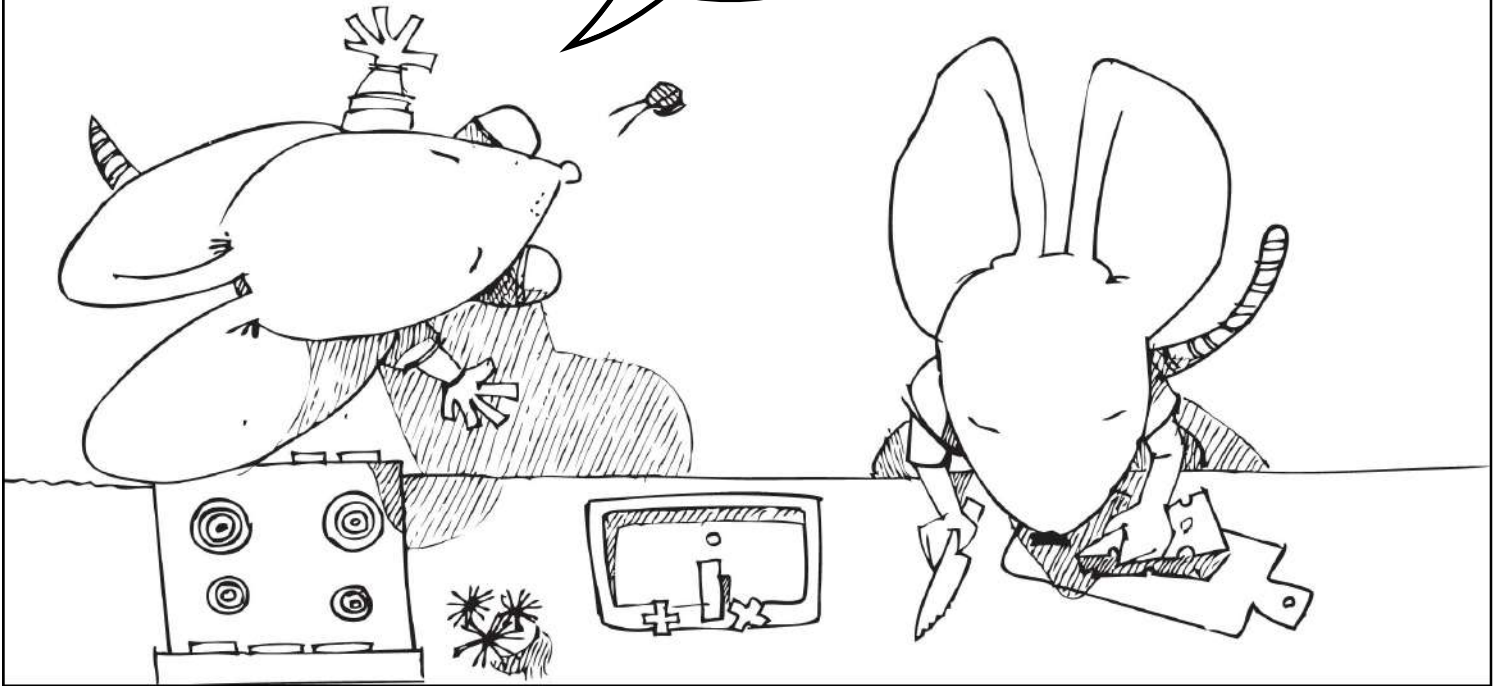
cover the mulch with their excreta (their poop!) and sow it with a fungus.

after about a day, they harvest the fungus that has grown on the mulch and feed it to their larvae!



ahhh-
another
one!!

why
do cockroaches
seem to be just
about
everywhere?

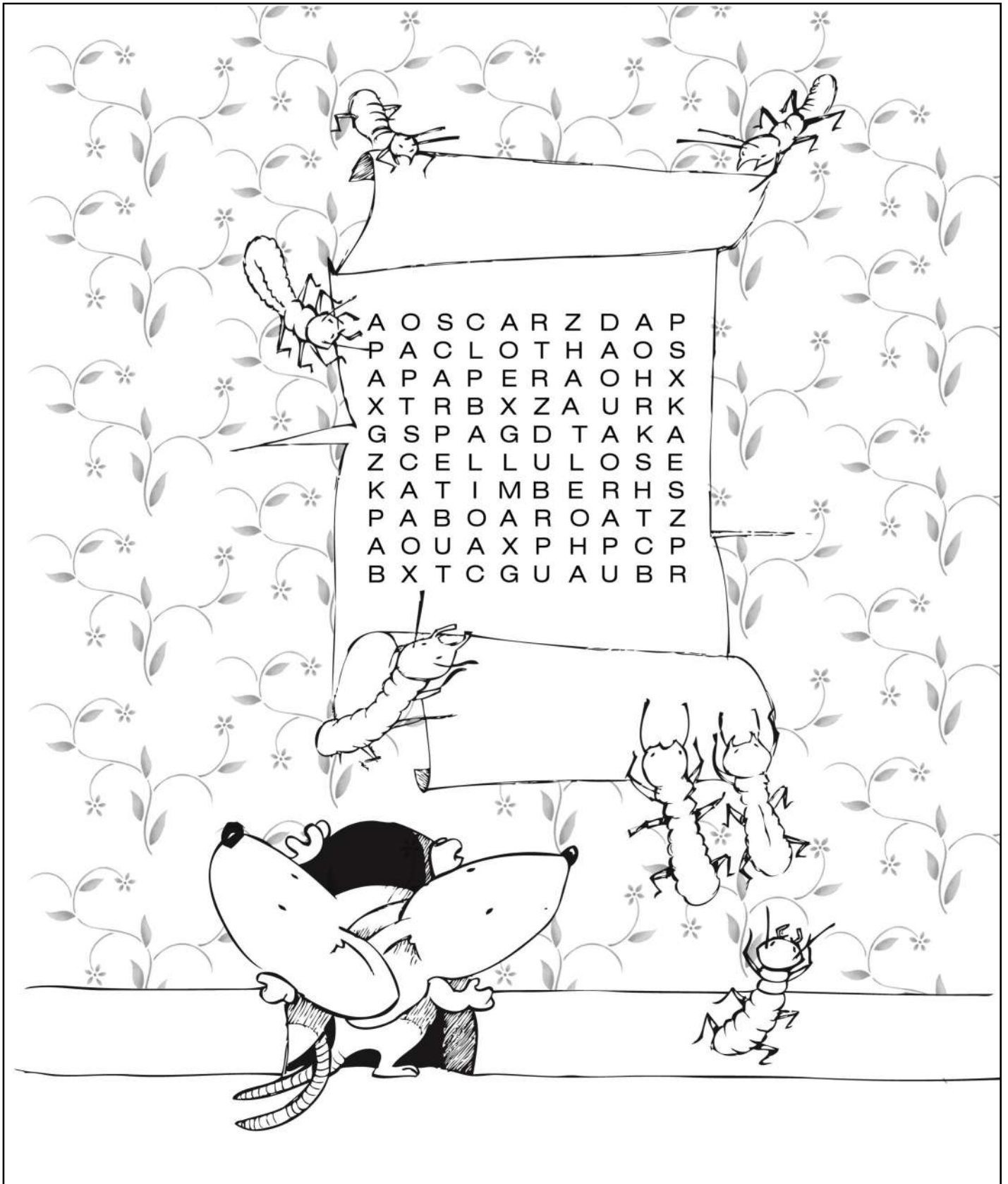


cockroaches eat
just about anything,
they are very
adaptable and are
proliferous
procreators: a
single female
cockroach can have
over 3,000 babies in
her lifetime!

termites are specialist in doing damage... can you help us find

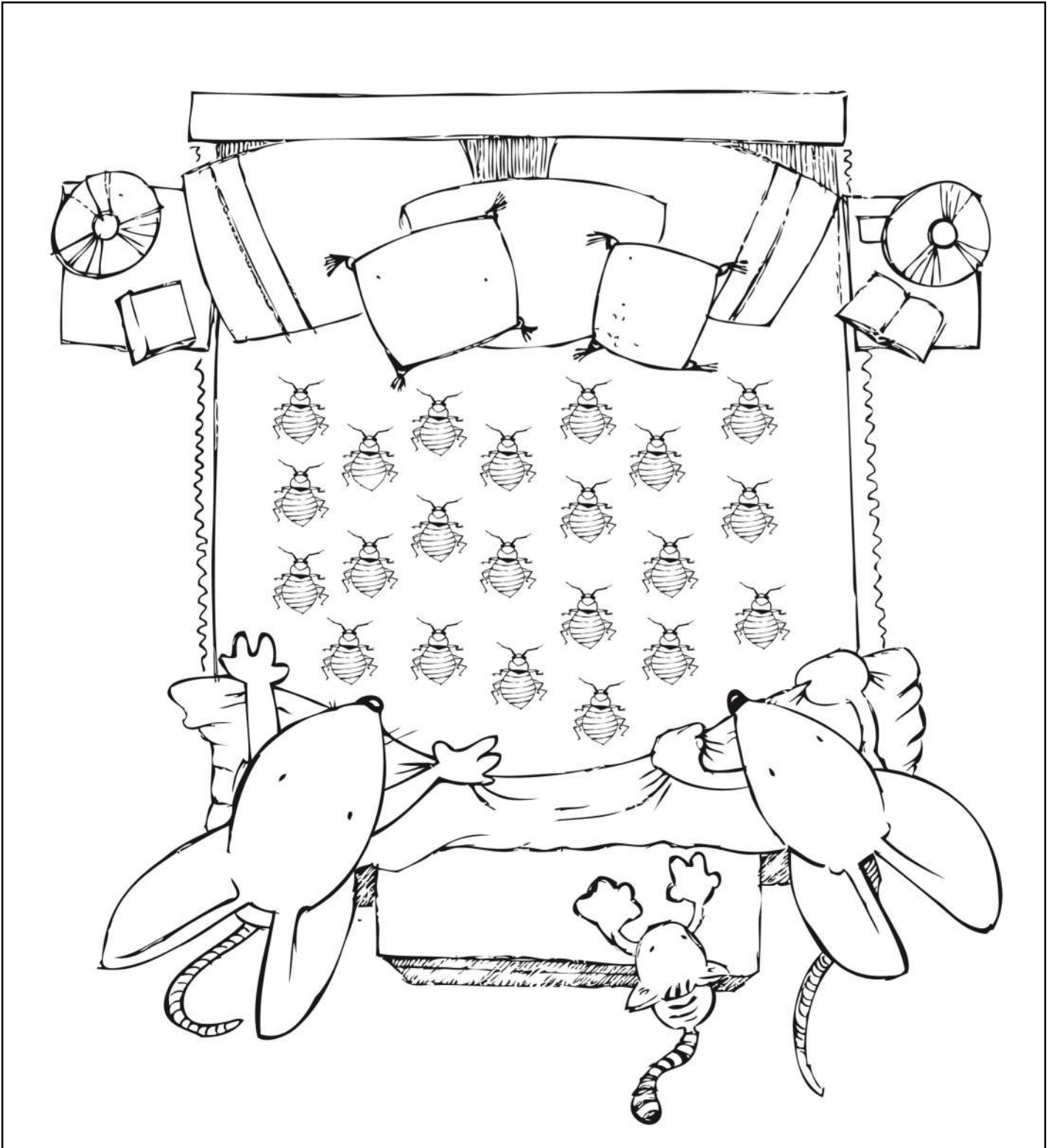
5 of their favorite snack foods?

Hint: wood is only one of many meals.



bed bugs seem to be invading our cities and crawling into our beds!

look closely at these pests- one of them is different from the others, can you spot it?



still so many pesky
creatures out there!

still so much to
explore!



