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ON THE COVER

Mallard

by Noppadol Paothong

FUN THINGS TO DO AND GREAT PLACES TO DISCOVER NATURE



CELEBRATE WORLD WILDLIFE DAY MARCH 3

by learning what kinds of wildlife live near you. Visit mdc. mo.gov/field-guide to see what to look for right now.



BAG SOME MUSHROOMS.

Dimpled and delicious, morels begin popping up on Missouri's forest floors in mid-April. To be safe, go with an experienced mushroom hunter.



WATCH FOR WATER STRIDERS

on streams when the weather is warm.

HELP A TURTLE **CROSS THE** ROAD, but only if it's safe to

Are you age 9 or older? SIGN **UP FOR BASIC ARCHERY FOR** FAMILIES at

Busch Shooting Range and Outdoor Education Center in the St. Louis area. Call 636-300-0258 to register by March 22.

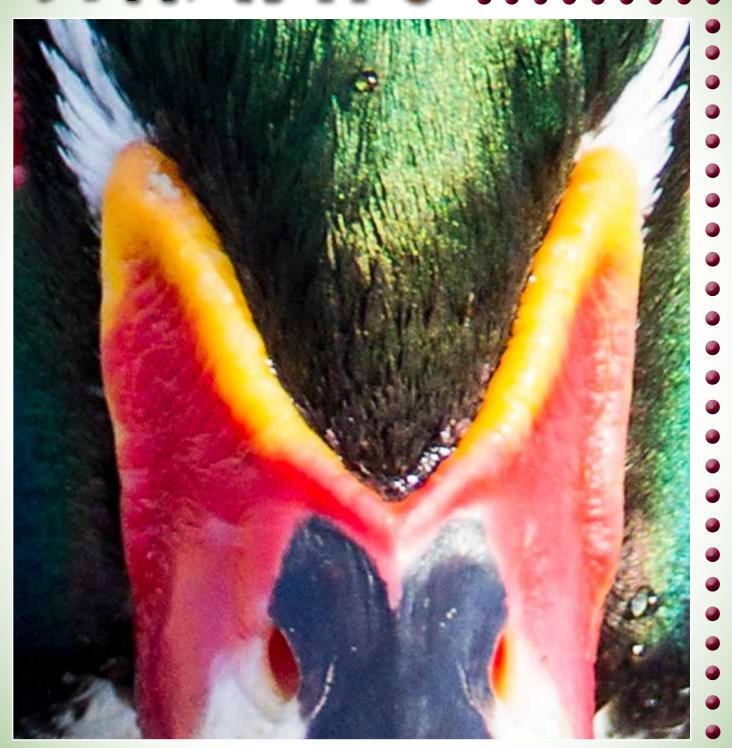




do so.

DON'T KNOW?

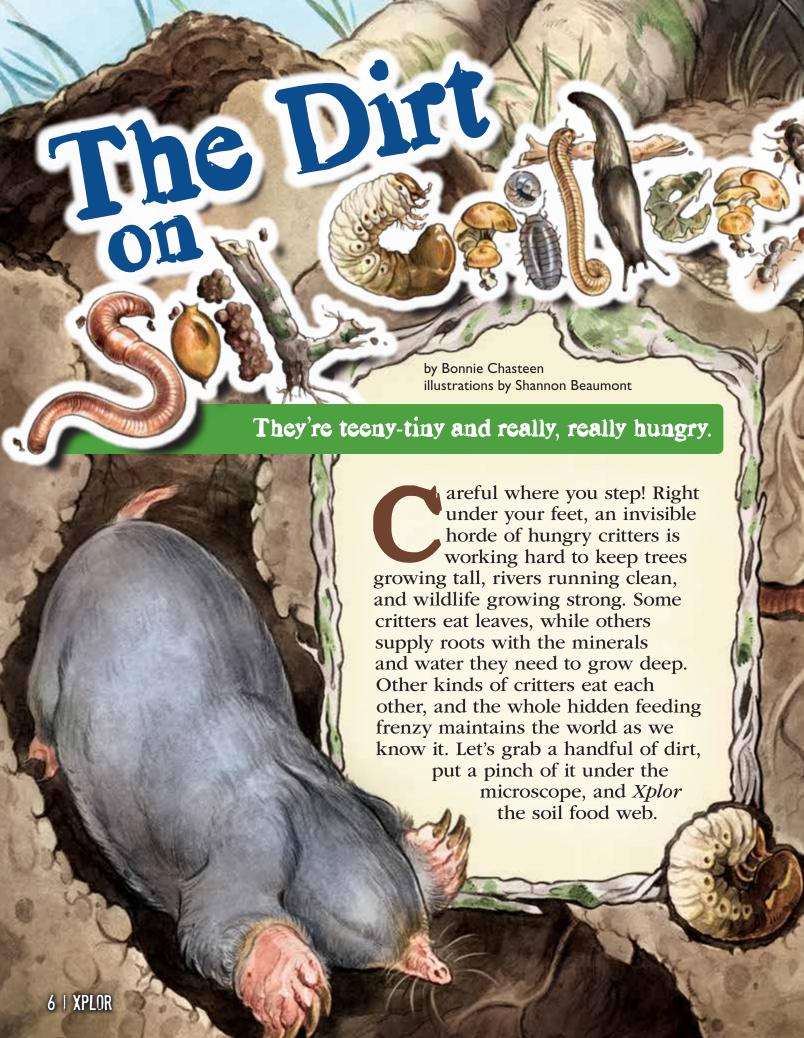
Jump to Page 20 to find out.



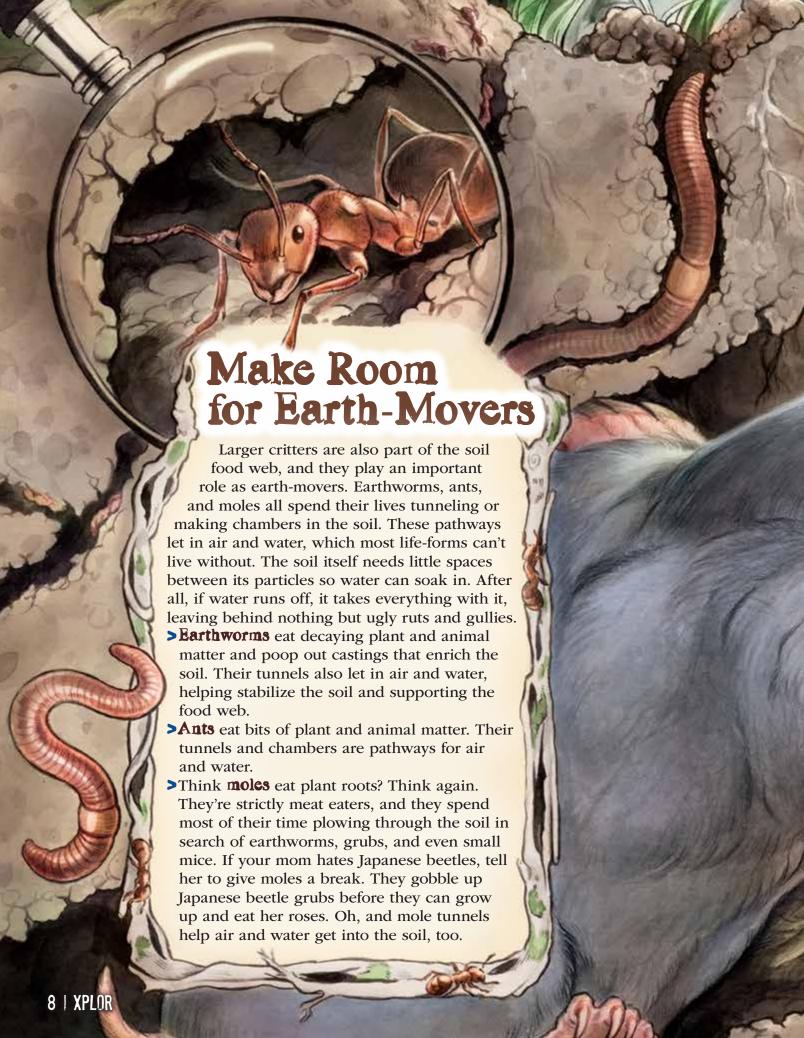
- 1 I'm colorful but seldom seen.
- 2 I swim in the water but nest in the trees.
- 3 A high, soft whistle is all you'll hear ...
- 4 ... as I take flight away from here.

















by Xplor staff

Tute pets doing funny things must make up half the internet, right? But after looking through thousands of animal photos, we at *Xplor* are sure of one thing. Wild critters are just as funny as Fido and Fluffy. Need proof? Check out these meme-worthy shots.

All kidding aside, it
would be hard to sneak
up on a praying mantis. These
predators have excellent eyesight and
use their spiky arms to grab
insects to eat.

SHE'S RIGHT BEHIND ME,

ISNIT SHEP

COME AT ME BRO.



When a
male greater
prairie-chicken wants
to attract a mate, he
droops his wings, spreads
his tail, and stamps his feet.
His chicken dance looks
funny to us, but not
to female prairiechickens.

OR ARE YOU ... CHICKEN?

HANG IN THERE!

Just like their house cat cousins, bobcats will take a sun nap whenever — and wherever — the mood strikes them.

FRIDAY'S ALMOST HERE.

DUCK DUCK DUCK ...



GOOSEI

Thousands
of mallard ducks,
Canada geese, and
other water birds refuel at
Missouri's wetlands during
their spring and fall
migrations.

NO SNOW DAY!? WHAT DO YOU MEAN NO SNOW DAY?

Opossums
have a few extra
parts. Not only are
they North America's
only furbearer with a
pouch, but they also have
50 teeth — more than any
other Missouri mammal.
Now that's quite a
mouthful!

HUMAN, I TOO LOVE
The neir

than a human's hand. The masked mammals use their supersensitive digits to feel for food in murky water, unzip backpacks, and open trash cans.

A raccoon's paw has 10 times more nerve endings

BURP.

JUNK FOOD.

The bigger
they are, the harder
they call. To make their
namesake calls, male spring peepers
inflate their throats and let the air
squeak out. When fully inflated, the
throat on this thumbsized frog can
be nearly as big as the rest
of its body!

OH, SNAP! WHO JUST CRAWLED ACROSS THE ROAD?

In the spring,
female snapping
turtles wander widely to
find a place to lay their eggs.
The temperature of the nest
determines whether the eggs
will hatch as boy or girl
snappers.

THIS GAL

In the fall, chipmunks
have just one thought in
their furry little heads: storing
enough food for winter. A single
chipmunk may collect enough nuts
and acorns to fill nine 2-liter
soda bottles.

WHEN YOU WANT PIZZA, BUT YOUR PARENTS FIX BRUSSELS SPROUTS.

THERE'S ALWAYS ONE CLOWN

high up in trees. A day after hatching, baby wood ducks waddle to the entrance of their nest and bail out. The little fluffballs can fall more than 250 feet without being injured.

Geronimo! Wood ducks nest in holes

WHO RUINS YOUR SELFIE.

THE STRUCGLE TO SURVIVE ISN'T ALWAYS A FAIR FIGHT





YOUR GUIDE TO ALL THE UNION AND UMBELIEVABLE STUFF
THAT GOES ON IN NATURE

have guessed, SWAMP RABBITS live in wetter habitats than their cottontailed cousins. One downside to this waterlogged lifestyle is finding a dry place to use the bathroom. So bayou bunnies often leave droppings on logs and stumps.

With their heavy. leathery armor, you wouldn't expect NINE-BANDED ARMADILLOS to

be speed demons. But they are. The football-shaped mammals can reach speeds of 30 mph — about as fast as a frightened cottontail.

Ah-chooo! In terms of the number of spores released, RED CEDAR TREES rank near the top of Missouri's pollenproducing plants. On spring days, male cedars release so much pollen it sometimes looks like clouds of smoke are rolling off the trees.

AMERICAN WOODCOCKS rock their bodies backward and forward while searching for food.

Biologists aren't sure why the chubby birds do this, but vibrations from the motion may bring earthworms — a woodcock's favorite snack — to the surface.

When lunging after prey, NORTHERN PIKE can reach speeds of 10 mph. Although this doesn't sound like such a fintastic feat, Michael Phelps — who has won more Olympic medals than any other person — can swim no faster than 6 mph.



VIRGINIA RAILS are perfectly built for moving through dense vegetation. Along with their skinny bodies - they are, in fact, skinny as a rail — they have extra-tough

forehead feathers that can withstand the wear and tear of pushing through cattails and rushes.



Butt out! During spawning season, male CREEK CHUBSUCKERS stake out territories in shallow, pebble-strewn streams. If a rival male strays too close to another chubsucker, the two fish fight by butting each other with their bumpy heads.



HERE'S WHAT

- Aquarium dip net or kitchen sieve
 White ice cube tray
- Tweezers Magnifying glass Rubber boots or wading shoes

HERE'S WHAT

Find a riffle. This is an area where shallow water tumbles over rocks. The water picks up oxygen as it splashes. Because all creatures need oxygen, lots of macroinvertebrates live in riffles.

Set your net. Place your dip net or sieve in the riffle and stand upstream.

Do the benthic boogie. Shuffle your feet in the stream gravel and scrub rocks with your hands. This will dislodge creatures clinging to the rocks, and some of them will flow into your net.

No riffle? No problem. Search along the stream bank where plant roots dangle into the water. Place your dip net downstream from a root mat and kick water through the roots to dislodge creatures hiding inside.

Sort your catch. Use tweezers to gently pick macroinvertebrates out of your net. Place them in a white ice cube tray filled with water from the stream. Use the Creepy-Crawly Guide to identify what you've caught.

Set them free. When you're done observing your catch, return the creatures to the place where you collected them.







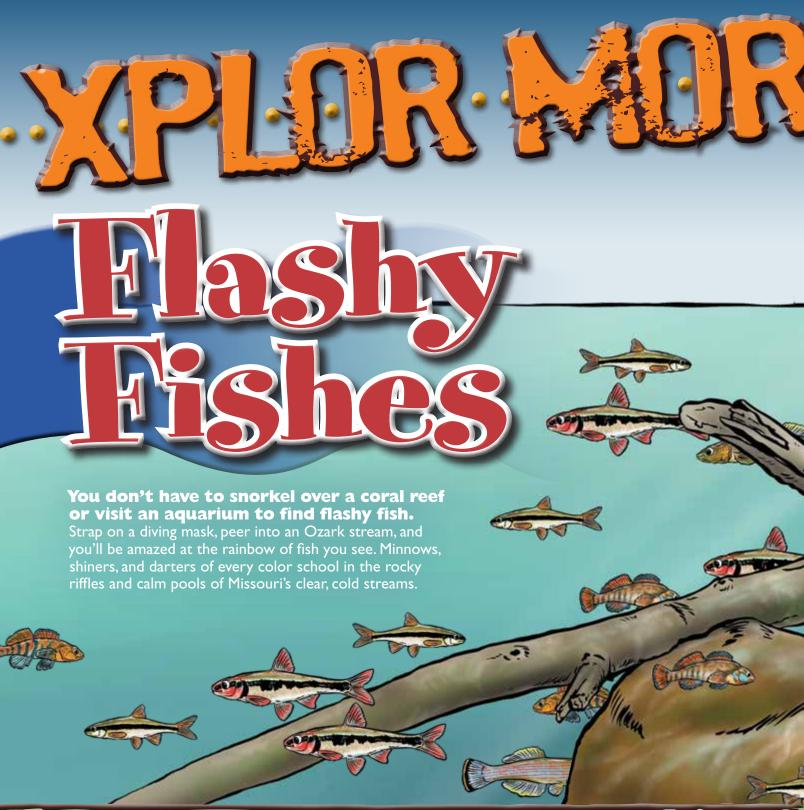
Join a Stream Team!

If you love good fishing, clean water, or simply splashing around in a stream, join a Stream Team! As part of the team, you'll pitch in to pick up litter, test water to make sure it's clean, or help with many other fun activities to protect your local waterway. To learn more, wade over to mostreamteam.org.

Caddisfly in the Coal Mine

Some macroinvertebrates are so sensitive to pollution that they live in only the cleanest of streams. Others can handle a little pollution, but not much. And some aren't that sensitive to pollution and will survive in everything from pristine to filthy water.

If you catch lots of pollution-sensitive macroinvertebrates, your stream is probably healthy. But if all you find are critters that aren't sensitive to pollution, your stream may need a clean-up.





The male wood duck is colorful but secretive. It lives along forested waterways, where it nests with its mate in tree cavities. The only way you may know wood ducks are near is by their

high, soft whistle. Young wood ducks drop from their nest and into the water a day after they hatch. In fall, the male loses his breeding plumage and takes on the drab colors of winter. Learn more at mdc.mo.gov/field-guide.







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mdc.mo.gov/xplor Free to Missouri Households



Cormorant males sport small feather tufts on either side of their head, but only during breeding season. These social birds nest near water, where they dive for fish. When a cormorant pops up for air, only its neck and head show above water. It sinks so low because its feathers have few of the oils that keep other water birds afloat.

Cormorants spread their wings in the sun to dry out their feathers. Learn more at mdc.mo.gov/field-guide.