







Gray Squirrel by Noppadol Paothong

- 6 The Hunt for the Incredible, Edible Morel
 Head to the woods this spring for some fungi fun.
- 8 Rooms with a View A tree is home to a *tree*-mendous number of animals.

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ON THE WEB

Visit *xplormo.org* for cool videos, sounds, photos, fun facts, and more!

DON'T KNOW?

Jump to Page 16 to find out.



- 1 spring up in spring before trees leaf out.
- 2 I look like a shiny but tiny green umbrella.
- 3 You may eat my "apple," but avoid the rest of me.
- 4 My name is only half right.



Grow Your Own
BIRDSEED

Sunflowers are bird magnets. Plant a few rows of these happy yellow flowers in spring, and you'll keep every cardinal, goldfinch, and chickadee in your yard fat and happy all autumn long. Sunflowers aren't picky plants. All you need is a sunny patch of well-drained soil that is sheltered from the wind. For growing tips, sow this in your web browser: xplormo.org/node/27241.

ature wakes up in April and May. Birds sing, wildflowers bloom, and fish finally find their appetites. With so much going on, it's hard to decide what to do. Here are a few ideas to get you started.

Meet Your Wild **NEIGHBORS**

There are probably more animals living in your yard than you think. To find out, sketch your yard on a piece of paper. Then, go outside and look for



move away if you

visit too long.

animal homes. Search trees for robin nests, woodpecker holes, and squirrel dens. Check your lawn for mole tunnels. Explore grassy areas for rodent burrows, spider webs, and rabbit nests. Whenever you find an animal's home, mark its location on your map. But don't wear out your welcome with these newfound Eastern whip-poor-will: Glenn Bartley/Visuals Unlimited, In neighbors. Animals may

Listen for Whip-po

Whip-poor-wills are so well-camouflaged they're nearly impossible to see. But the big-mouthed birds are easy to hear. Just pitch a tent in the woods on a fullmoon night in April or May. Shortly after sunset, whip-poor-wills will begin calling — and won't shut up for quite some time. On nights when the moon is bright, whip-poor-wills hunt for moths, beetles, and other flying insects all night long, so you'd better pack your earplugs!

Don't miss the chance to Discover Nature at

Get eye to beak with birds of prey at WINGS OVER WATER.

Runge Conservation Nature Center, Jefferson City; April 24, 6:30-7:30 p.m.; For info, call 573-526-5544.

Get wet and wild at

WETLANDS FOR KIDS

August A. Busch Memorial Conservation Area, St. Charles April 5, 10 a.m.-3 p.m. For info, call 636-441-4554.

Great-horned owl

Hook a rainbow (trout) at KIDS' FREE FISHING DAY

Maramec Spring Park, St. James Ages 15 and younger May 17, 6:30 a.m.-8:25 p.m. For info, call 573-265-7801, ext. 22.

Give Bluegills a Go

If fish don't bite fast enough for your patience, give bluegills a go in late May. This is when male bluegills fan out saucer-shaped nests in the shallow water along the edges of lakes and ponds. Males guard their nests fiercely. All you need to do is cast a small jig or worm-baited hook just beyond the nests and reel it in slowly. In no time, you'll feel the sharp tug of an angry bluegill.

Bluegills nest in colonies, so if you hook

one, cast to the same spot to hook more.



By April, the sounds of spring are in full swing, and each puddle and pool overflows with a chorus of amphibian calls. Cricket frogs, chorus frogs, toads, treefrogs, and spring peepers seem to compete to see who can sing loudest to attract a mate. To hear these crooning croakers serenade their sweethearts, head outside at sunset and explore shallow puddles, wet fields, and flooded ditches. For help identifying who's singing, hop over to xplormo.org/node/2915.

Watch an Animal Actor

If birds could win Occasional Mould be predators away from their nests, these tan-andwhite shorebirds act like they have broken wings. To see this performance, search for killdeer in mowed pastures, gravel parking lots, and athletic fields. Listen for a shrill kill-dee-dee-

dee call to help pinpoint one of the birds. Then, slowly approach. You'll know you're near a nest when the mama or papa killdeer begins to drag its wing dramatically.

these fun events.

Learn to bag a gobbler at the

YOUTH TURKEY CLINIC AND HUNT.

Conservation Department Office, Kirksville; 5:30 p.m., April II to noon, April I2 Register at 660-785-2420. Both kids and parents shoot at

FAMILY ARCHERY

Burr Oak Woods Conservation Nature Center, Blue Springs Ages 8 and older April 19, noon-2 p.m. Register at 816-228-3766.



Looking for more ways to have fun outside? Find out about Discover Nature programs in your area at xplormo.org/node/2616.



issouri is a great state for birdwatching (also called birding). Of the approximately 900 bird species in North America, more than 400 have been recorded in Missouri, and more than 150 species regularly nest here.

Birding is fun no matter the season, and there's no better place to get started than right outside your window. Follow these pointers and you'll be a better birder in no time.



attention to a bird's shape in flight. Barn swallows have sharply angled wings and a forked tail. Many other birds, such as geese and turkey vultures, have distinctive shapes in flight, too.

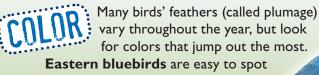


Some birds, like Canada geese, have immense wingspans. Other birds could easily fit in the palm of your hand. Gauging their size will help narrow your ID.

Generally, hawks and other birds of prey are much larger than birds commonly seen at birdfeeders, such as chickadees, sparrows, and robins.



From left: Black-capped chickadee, 5½ inches; Rock pigeon, 12½ inches; American crow, 17½ inches; Canada goose, 48 inches

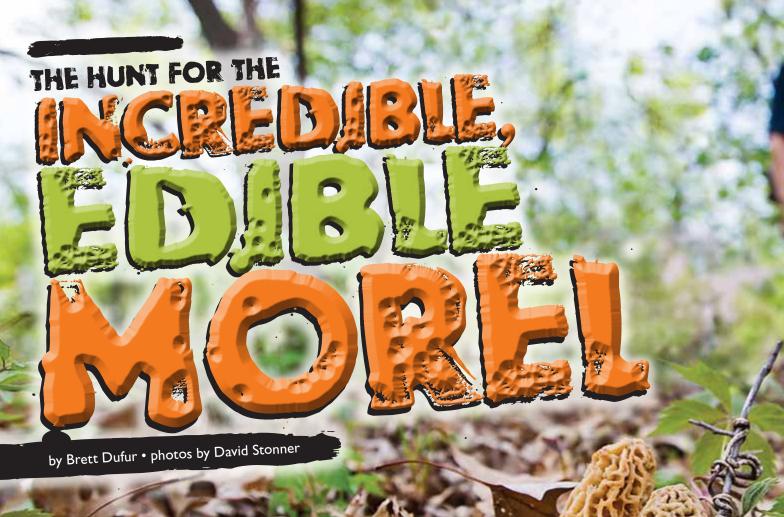


with their bright blue head cap and wings, and reddish chest.



Start out by learning Missouri's common birds, such as robins, crows, cardinals, Canada geese, blue jays, and pigeons. Others, such as the downy woodpecker and great blue heron, have distinctive colors and shapes you'll soon know by heart.

The Conservation Department offers free publications to get you started. Request a copy of Feeding Backyard Birds and Enjoying Missouri's Birds by emailing pubstaff@mdc.mo.gov.



his spring, mouth-watering morel mushrooms start popping up on forest floors throughout Missouri. Time to lace up your boots, grab a basket, and head to the woods for some fungi fun!

Wandering the woods on a quest for morels is like nature's version of an Easter egg hunt. Be ready to scout the forest floor with your eagle eyes because morels are only 3 to 4 inches tall (the length of your finger). When you find one, hoot and holler then stop and drop! More morels are probably hidden nearby.

Morels are easy to identify and delicious to eat. Increase your chances for success by tagging along with an experienced mushroom hunter.

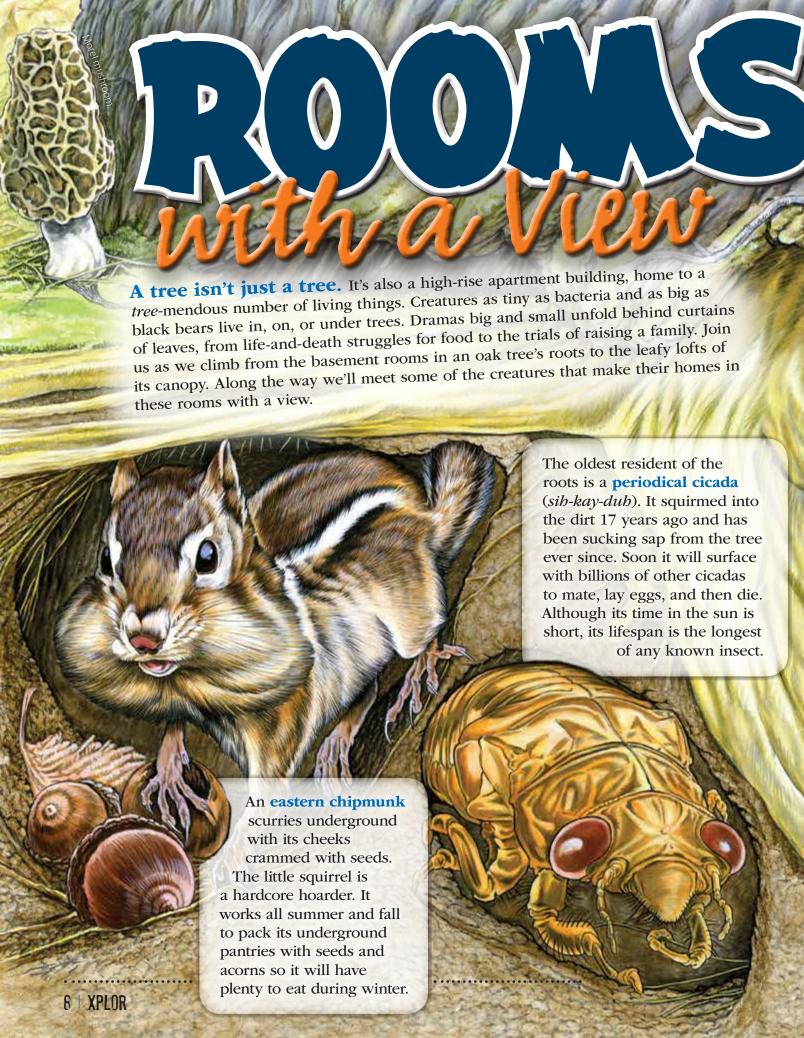
TO FIND MORELS

- » The day after a warm rain
- When the temperature climbs into the 50s
- When mayapples bloom
- When big crappie start biting
- When oak leaves are as big as a squirrel's ear

TO FIND MORELS

- Damp woods and river bottoms, on south-facing slopes
- » Near mayapples
- Near elms, as well as ash, basswood, and cherry trees
- Old orchards and burned or recently logged areas





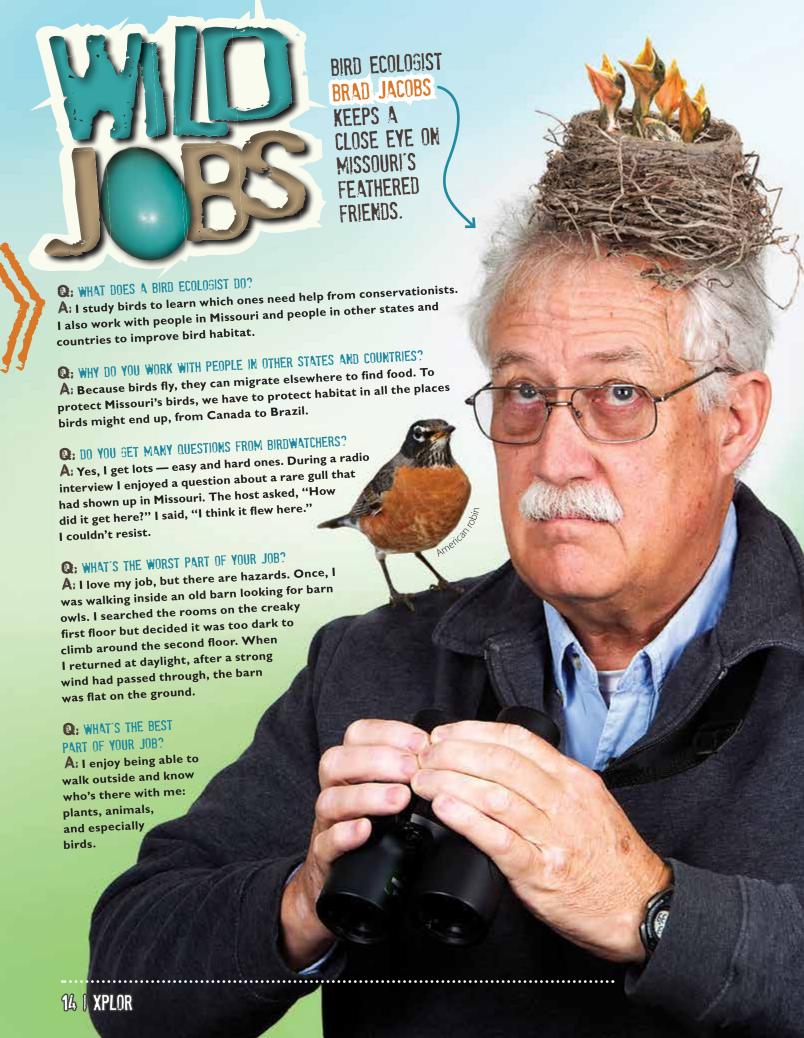














about 10 days before a full moon. As the moon gets brighter each night, the adults are able to hunt longer and catch more insects to feed their growing chicks.

Some male CRICKET FROGS have a sneaky way of getting a girlfriend: They hang out quietly nearby while other males sing to attract a mate. When female frogs come courting, the silent males try to get to the females first.



Nest fest. If a YELLOW RBLER finds a cowbird egg in its nest, does it kick the egg out? Nope. The warbler simply builds a new nest atop the unwanted egg. If cowbirds keep coming back, this can result in a stack of up to six nests.

STUFF THAT GOES ON IN NATURE

SANDPIPERS are the smallest

shorebirds in the world. but don't tell them that. During migration, some

sandpipers fly nonstop from New England to South America, a distance of up to 2,500 miles. Not bad for a bird that weighs just a little more than a ketchup packet.

During winter hibernation, BLACK BEARS can sleep for 100

days without eating, drinking, peeing, or pooping. One of the first things a bear does when it wakes up is go to the bathroom.



CRAYFISH use their fan-shaped tails like canoe paddles. By pulling their tails quickly toward their heads, the claw-ful crustaceans can swoosh backwards at nearly 25 miles per hour.

MPLING MISS

The Carlo











Do you have more than one name? Maybe your name is "Gabriel," but everyone calls you "Gabe."

Or, maybe you have a nickname like "Slugger" or "Freckles." Many animals have more than one name, too. For example, mountain lions are called cougars, catamounts, pumas, panthers, and wildcats. With that many nicknames, things get confusing. That's why biologists use scientific names. Every animal has only one scientific name. Scientific names are made up of two words, usually Latin or Greek, that tell you something about the animal — if you speak Latin or Greek. Nicknames tell you something about an animal too, but the information isn't always as accurate.

What do you call a loggerhead shrike that doesn't have eyes?

Play the name game to find out.

- Draw a line to connect each animal's common name, nickname, and scientific name. Read the clues for help.
- Starting with Number 1, copy the circled letters, in order, into the blanks on the top of the next page.
- We did Number 1 for you. To finish the puzzle, do the same thing for numbers 2 to 5.

WHAT IS?

By mid-spring, Missouri's woods are dotted with the shiny green, umbrella-shaped leaves of mayapples. Where you find one mayapple, you'll likely find dozens. That's because mayapples sprout from rhizomes

(*rie-zomes*), stems that grow horizontally underground. Although mayapples flower in May, their fruits, or "apples," don't ripen until summer. You can eat the "apple" when it's ripe, but the rest of the plant is poisonous.





.10G₂ _3____4_ __5___

Common Name

Loggerhead shrike

This robin-sized songbird preys on small animals such as insects, lizards, and rodents.

Loggerhead refers to the bird's unusually large head in relation to its body.

Striped skunk

Two kinds of skunks live in Missouri. Spotted skunks have white spots on their black coats. Striped skunks, have — you guessed it — white stripes on black coats.

Hellbender

The hellbender is Missouri's largest salamander. It lives in clear, cold streams in the Ozarks.

Groundhog

This chubby member of the squirrel family digs burrows in the ground in which to live and hibernate.

Red velvet ant

The common name for this fuzzy insect isn't quite right. Red velvet ants are related to ants, but they are actually wasps.

Nickname

Polecat

Although this cat-sized animal rarely eats chickens, "pole" comes from the French word "poule" which means "hen."

Slime otter

This animal's entire body is covered with a thin, clear slime. The slime protects the animal and helps it glide through water.

Butcher bird

This bird's habit of skewering its prey onto thorns or barbed wire has earned it the nickname "butcher bird."

Cow killer

This animal's sting is so painful, some people claim it could kill a cow. This isn't true, but its sting sure will make you cry, "Ouch!"

Whistle pig

When startled, this chubby animal give a loud, shrill whistle.

Scientific Name

Cryptobranchus alleganiensis

"Cryptobranchus" means "hidden gill." As an adult, this animal doesn't have gills. Instead, it absorbs oxygen from water through the wrinkly folds of its skin.

Mephitis mephitis

"Mephitis" is a Latin word meaning bad odor," which certainly applies to this stinky animal.

Marmota monax

"Monax" comes from a Native American word for "digger," which refers to this animal's habit of digging an underground den.

Lanius ludovicianus

"Lanius" means "butcher," which refers to this animal's habit of storing prey for later use.

Dasymutilla occidentalis

"Dasy" is Greek for "hairy," which refers to this animal's fuzzy, velvet-like appearance.

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FREE TO MISSOURI HOUSEHOLDS



Stick 'em up. The black fur surrounding a raccoon's eyes looks a bit like a robber's mask. But the only thing this bushy-tailed bandit wants to steal is food. In wild places, raccoons use their nimble paws to swipe things like frogs, crayfish, mice, eggs, and berries. In cities, the masked mammals aren't above helping themselves to pet food or tipping over trash cans.