







Something to Bugle About Elk return to the Show-Me State.

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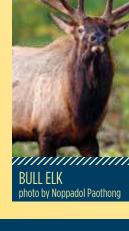
Xplor (ISSN 2151-8351) is published bimonthly. It is a publication of the Missouri Department of Conservation, 2901 West Truman Boulevard, Jefferson City, M0 (Mailing address: PO Box 180, Jefferson City, M0 65102.) Subscription free to Missouri residents (one per household); out of state \$5 per year; out of country \$8 per year. Please allow 6-8 weeks for first issue. Notification of address change must include both old and new address (send mailing label with the subscriber number on it) with 60-day notice. Preferred periodical postage paid at Jefferson City, Mo., and at additional entry offices. Postmaster: Send correspondence to Xplor Circulation, PO Box 180, Jefferson City, M0 65102-0180. Phone: 573-751-4115, ext. 3856 or 3249.

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Send editorial comments to: Mailing address: Xplor Magazine, PO Box 180, Jefferson City, MO 65102-0180; E-mail: Xplor@mdc. mo.gov. Please note: Xplor does not accept unsolicited article queries, manuscripts, photographs or artwork. Any unsolicited material sent will not be returned.

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ith winter almost gone and spring right around the corner, there's plenty for you to discover outside in February and March. Here are a few ideas to get you started.

Build butterfly BOMBS.

Butterfly bombs are little balls made of soil, clay and wildflower seeds. You toss the bombs wherever you want a butterfly garden to grow. Rain will melt the clay and wash the seeds into the ground. In a few months, you'll have an explosion of wildflowers perfect for any butterflies that flutter by. For a butterfly bomb recipe, blast over to www.xplormo.org/node/11269.

Surprise a FURRY GLIDER.

Flying squirrels are fairly common throughout Missouri, but no one ever sees them. Why? Because these furry gliders only come out at night. To see flying squirrels, place a bird feeder filled with seed on a tree so that the light from your porch will

reach it. After dark, wait quietly by the window and listen carefully. When you hear a soft whump or some musical squeaks, flip on the light to reveal your visitor.

JURTSHIP

wildflower

From February through
March, chubby brown birds
called woodcocks perform amazing
dances to attract mates—and they do
them in midair! To see a sky dance, head to a
wet pasture, woodland or cemetery at sundown
and listen for a male woodcock's call: peent. When
the peenting stops, scan the sky. You might see
the lovestruck male spiraling high into the air.
This is just the start of his dance. To learn
about his big finish, boogie over to
www.xplormo.org/node/11266.

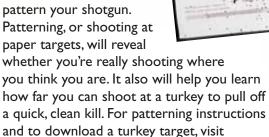
"clay

Make a hiking Stick.

March offers prime-time hiking weather. Before you hit the trail, find yourself a hiking stick. Choose a straight, sturdy branch that reaches from your nose to the ground. Hickory, oak and cedar branches work well, but don't cut them off living trees. For tips on crafting and using your hiking stick, ramble over to www.xplormo.org/node/11267.

Pattern your shotgun.

Youth turkey season, which runs April 9-10, will be here before you know it. Make sure you're ready by taking time to pattern your shotgun. Patterning, or shooting at paper targets, will reveal



UNLEASH your inner SQUIRREL

Warm March days are perfect for climbing trees. Since leaves haven't popped out yet, you'll have clear, squirrel's-eye views of the world below. To stay safe as you shinny up, follow the three-point rule: Move only one of your hands or feet at a time. Leave the other three anchored on branches to maintain balance and support your weight. For more tree-climbing tips, branch out to www.xplormo.org/node/11265.



www.xplormo.org/node/3464.

Early spring makes a trout angler's taste buds turn cartwheels. Through winter, Missouri's trout parks and most city lakes require you to return any trout you catch to the water unharmed—you can't take them home to eat. Beginning February 1, however, city lakes allow you to keep your yummy catch, and trout parks follow suit on March 1. Find trout-filled waters and learn the rules of trout fishing at www.mdc.mo.gov/node/5720.

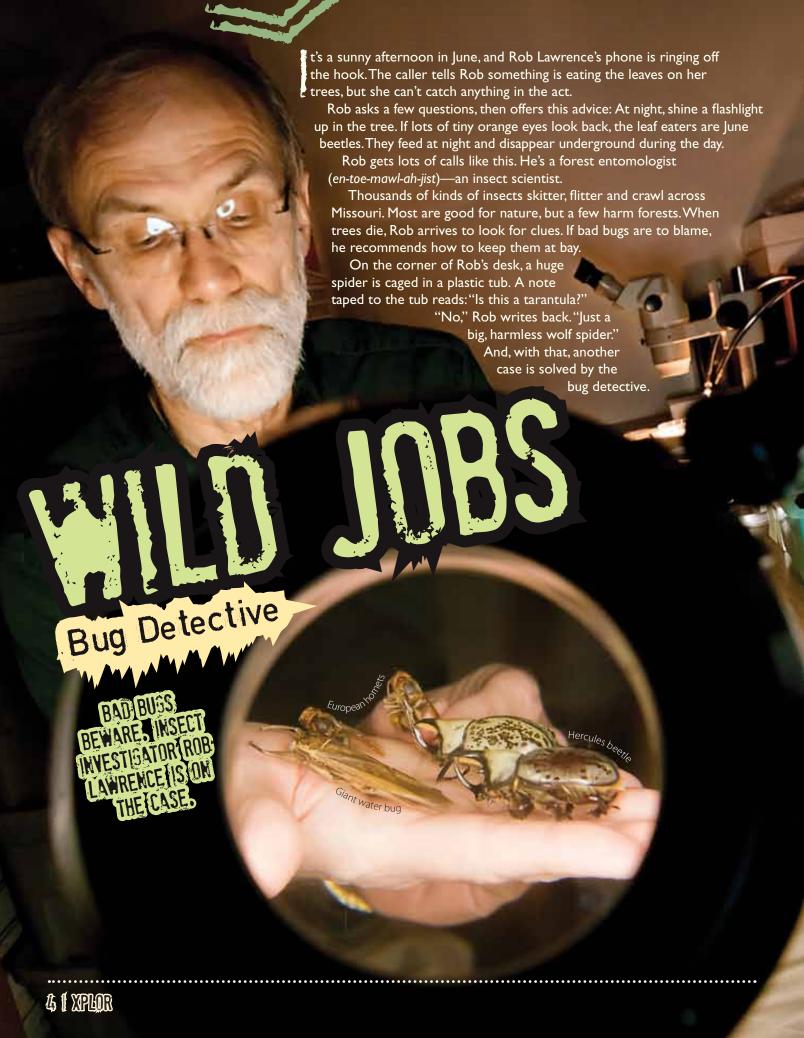


SEARCH for sheds.

Deer season may be over, but you still have time to bag a nice rack of antlers. There's just one hitch: They won't be attached to a deer. In Missouri, most white-tailed bucks drop their antlers from late December through February. A buck's loss can be your gain. Search for shed antlers on south-facing hillsides, crop fields and brushy stream banks. For more pointers on finding antlers, visit www.xplormo.org/node/11268.

Looking for more ways to have fun outside? Find out about Discover Nature programs in your area at www.xplormo.org/xplor/stuff-do/all-events.

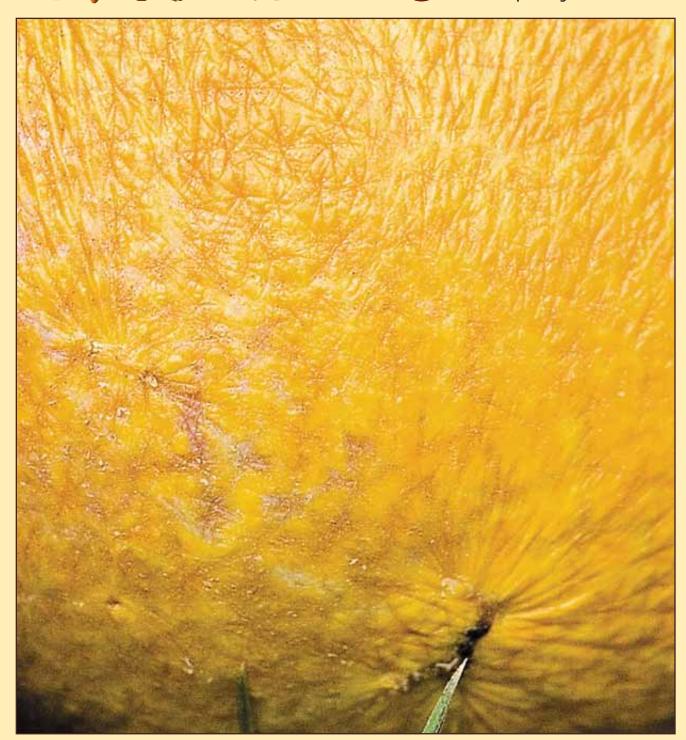






WHATIS?

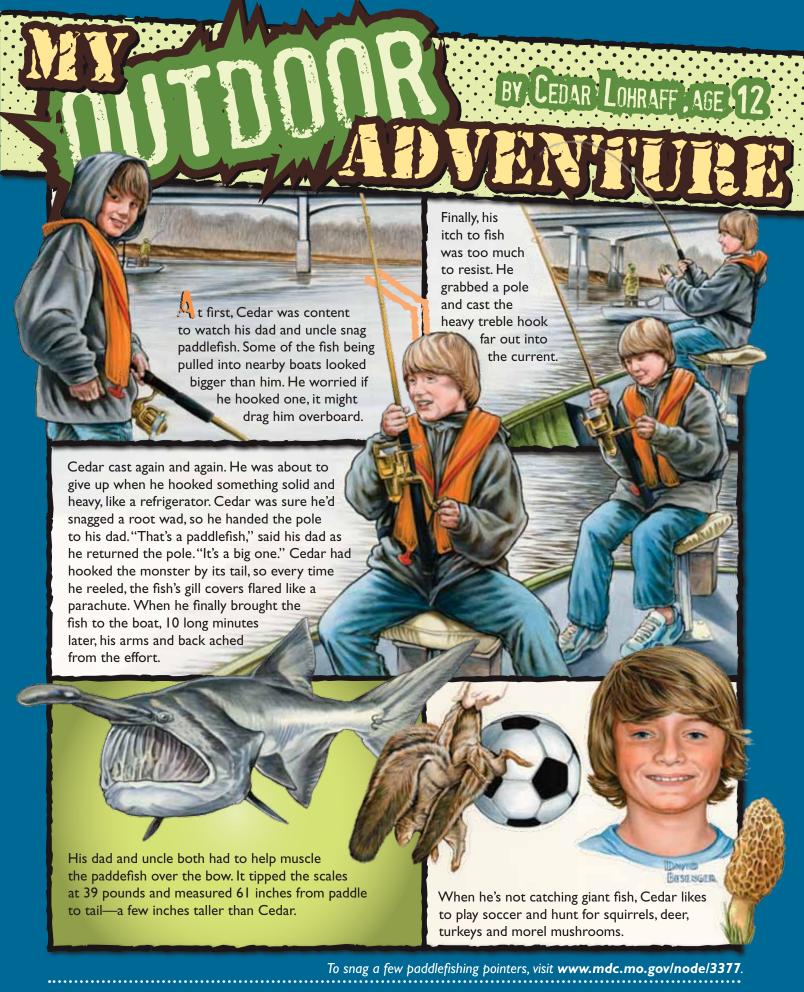
DON'T KNOW?Jump to Page 17 to find out.

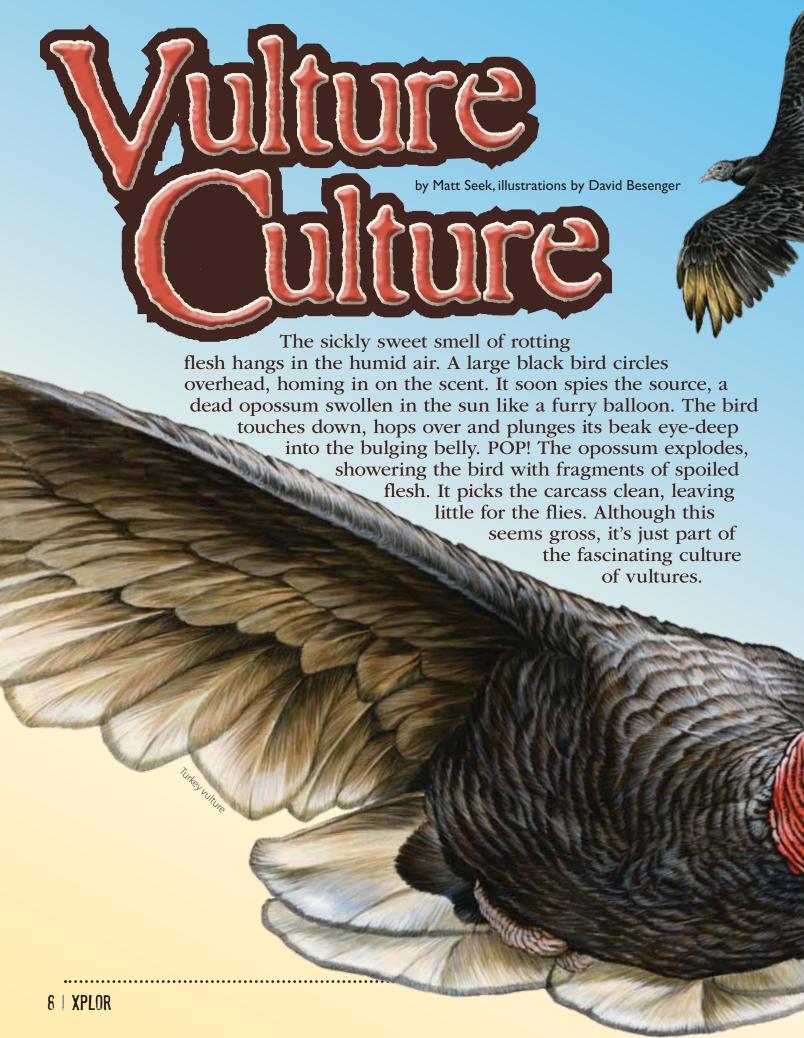


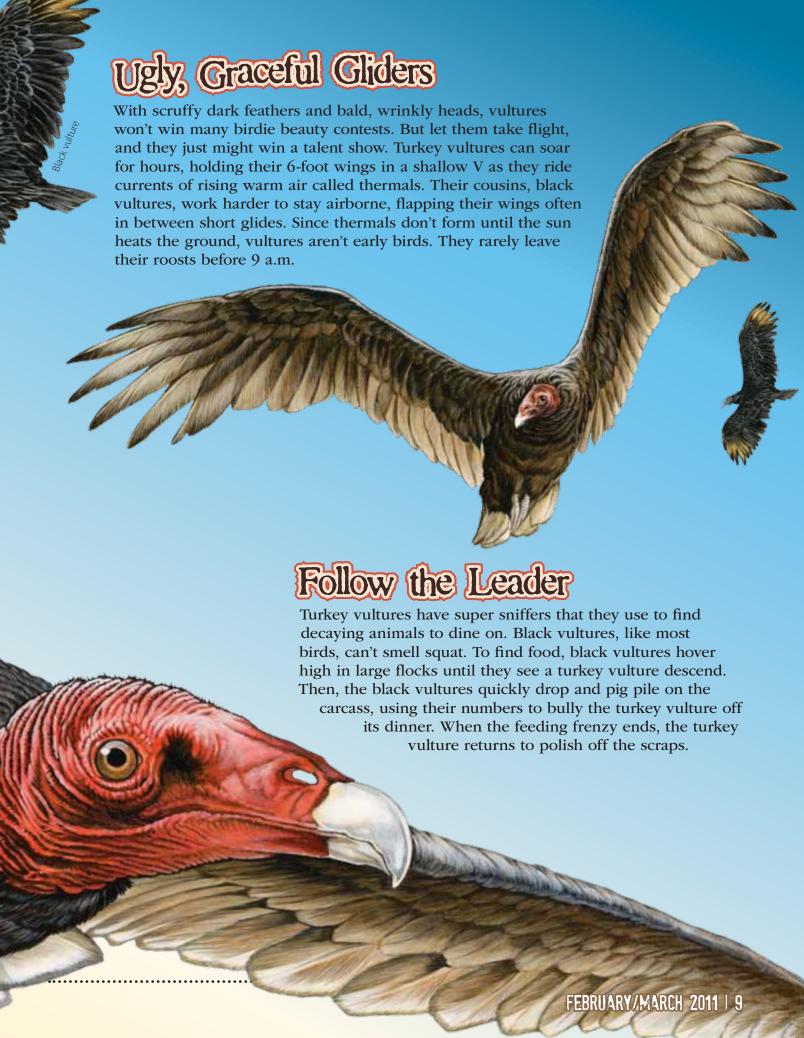
I boom but don't explode.

I carry two sacks but never go shopping.

I strut my stuff to pick up chicks. Who are you calling chicken?











neu Elk Return to the Show-Me State

Ozark forest, you catch a glimpse of majestic antlers. The creature moves through the trees and is gone, with the stealth of an animal a fraction of its size. Was it a deer? Not a chance, it was too big. Then you hear a powerful, drawn-out squeal—the unforgettable bugle of a bull elk calling to his cows.

Elk in Missouri? You bet. Elk lived throughout the Show-Me State long before early settlers showed up. They've been gone for about 150 years, mainly due to overhunting and habitat destruction. But fortunately for Missourians, elk will once again roam

the forested hills of southern Missouri

A team of state and federal agencies and citizens are working together to bring a small herd of elk from Kentucky, where they were introduced and now thrive. The elk will be moved to a restoration zone in and around the Peck Ranch Conservation Area in a remote part of the Ozarks.

The Conservation Department will manage the elk's return. Bringing back native wildlife is part of MDC's job. It has successfully brought back deer, turkey and many other types of wildlife. In case you think elk are just supersized deer, think again. Elk are not only unique, they are truly amazing!



Noisy Neighbors

Elk are a chatty bunch. Bulls may bugle to attract cows or to advertise their dominance to other bulls. They grunt at cows that stray from their harem. Cows bark to warn of danger, mew to keep track of each other, and whine softly to signal to their calves. Calves in distress bleat for their mothers. Elk have "knuckles" in their feet that make clicking sounds with every step. This helps them track each other in the dark, because each animal makes its own distinct click. Hear an elk's bugle at www.xplormo.org/node/11280.

Hair Today, Gone Tomorrow

Each year, elk grow two different coats of fur. For winter, they grow thick manes to warm their necks. Their bodies are insulated by thick underfur that acts like your heavy winter coat. Long, waterproof guard hairs on top keep them dry. Each spring, they shed, or molt, this heavy layer, and grow shorter, thinner hair for summer. This is why elk sometimes have old fur hanging in tattered strips in the spring.



Soft Like Velvet, Tough Like Trees

Spring is when antlers grow fastest. During this time, they are covered in a velvet case, and infused with blood, much like a bone in your leg. As the season progresses, the velvet drops off. Bulls scrape the remaining velvet off by rubbing their racks on trees.

By then, their antlers are super tough. When two bulls decide to battle, antlers are serious weapons. Most often bulls lock antlers and shove each other around until one turns and runs. Despite all that work to grow them, antlers are shed, or dropped, each year.







Elk are social animals and find safety in numbers. After all, 50 sets of eyes and ears are better than one. One elk is always on the lookout for predators while others feed or snooze. Other times, one cow will babysit all of the new calves while the other cows go off to graze.

Buglers, whistlers, tusks, ivories—regardless of what you call them, an elk's top two canine teeth are possibly remnants of saber-like tusks from their prehistoric ancestors. They are made of the same ivory as elephant and walrus tusks. As elk evolved and their racks grew larger, their teeth shrank to their present length—about the size of your thumb. When an elk sneers and exposes its canines, it means business. Elk ivories were prized by Native Americans, who used them as currency and as a display of success. Modern hunters still treasure these special teeth.

Four Stomachs to

If your stomach has ever been empty, then imagine you weigh 600 pounds and have FOUR stomachs to fill! Elk need to eat up to 15 pounds of plant parts a day. Elk eat grasses, plants, leaves, bark, twigs and acorns. Their long necks help them reach tasty leaves. They eat morning, noon and night, and never miss a midnight snack. If you ate as much as an elk, you'd only have 10 minutes an hour to do anything else.





What's red, white and blue, eats bugs, and sings in the spring? It's Missouri's state bird, the eastern bluebird. In early March, bluebirds search for hollow trees or abandoned woodpecker holes in which to nest. Even if your yard lacks these natural cavities, you can still have bluebirds. Just build a bluebird box.

- I. Ask an adult for help.
- 2. Gather materials. You'll need a board 5 feet long, 6 inches wide and 1 inch thick, plus some nails or screws. Cedar lumber is best, but other types of wood can be used. Avoid treated lumber because the chemicals are toxic to birds.
- 3. Round up some tools. You'll need safety glasses, a tape measure, a saw, and a hammer or screwdriver.
- 4. Follow the bluebird box plans at www.xplormo.org/node/2937.

LOCATION, LOCATION

Bluebirds are picky about where they nest. Here's how to persuade a pair to use your box.

- Put your box up before March.
- Select an open, grassy area with scattered trees such as a backyard or pasture. Avoid brushy areas unless you want house wrens in your bluebird box.
- Hang your box 4 to 6 feet high on a post. Face the box toward a tree or shrub. Bluebirds will hang out there to watch for insects to pounce upon.
- Space boxes at least 125 yards apart. Bluebirds need plenty of room to find food for themselves and their babies.



it if necessary, and clean out any old nests inside.

- In March, begin checking your bluebird box once a week. Bluebirds lay 2 to 7 pale blue eggs in a tidy, cup-shaped nest of woven grass. Starlings and house sparrows build messy nests using many different materials. Remove sparrow and starling nests. Your box is for bluebirds!
- Once a bluebird pair begins nesting, you can peek in on the family until the babies are 13 days old. After that, leave the box alone so the young aren't spooked into leaving the nest too early.
- Clean out old nests as soon as the young leave. Chances are good that the bluebird parents will nest a second or even third time!

ANSWER TO

FROM PAGE 6

From March to April, male prairiechickens make low-pitched cooing noises to attract mates. The sound,



called booming, can be heard a mile away. Males also strut their stuff by inflating bright orange air sacs on their necks, lifting long feathers behind their heads, and stamping their feet. For the record, prairie-chickens aren't chicken. Males often fight each other to get a girl.

United States Postal Service Statement of Ownership, Management, and Circulation

(PS form 3526, September 2007)

Published annually in the February edition of this magazine as required by the United States Postal Service.

1) Publication Title: Xplor 2) Publication Number: 2151-8351 3) Filing Date: 11/1/10 4) Issue Frequency: bimonthly 5) Number of Issues Published Annually: 6 6) Annual Subscription Price: NA 7) Complete Mailing Address of Known Office of Publication: MO DEPT Of Conservation, PO BOX 180, Jefferson City, MO 65102-0180; Contact person: Shawn Cunningham; Telephone: 573-522-4115 9) Full Names and Complete Mailing Addresses of Publisher, Editor, and Managing Editor: Publisher, MO DEPT Of Conservation, PO BOX 180, Jefferson City, MO 65102-0180; Editor, Matt Seek, PO BOX 180, Jefferson City, MO 65102-0180; Managing Editor, Nichole LeClair-Terrill, PO BOX 180, Jefferson City, MO, 65102-0180 10) Owner: MO DEPT Of Conservation (Shawn Cunningham), PO BOX 180, Jefferson City, MO 65102-0180 11) Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or more of Total Amount of Bonds, Mortgages, or Other Securities: None 12) Tax Status: The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes has not changed during preceding 12 months.

	Average Number	No. Copies of
	Copies Each Issue During Preceding Months	Single Issue Published Nearest to
Extent and Nature of Circulation		
A. Total Number of Copies Printed	62.004	
(net press run)	62,984	
B. Paid and/or Requested Circulation		
1. Paid/Requested Outside- County Mail Subscriptions		
Stated on Form 3541.	1,264	
2. Paid In-County subscriptions		
stated on Form 3541	0	
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and Carriers, Street Vendors,		
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Circulation	1283	
D. Free Distribution by Mail,		
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3. Other Classes Mailed		
Through the USPS	19	
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F. Total Distribution	64,267	
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Not another peep from you, mister! Male spring peepers sing to attract females by filling and deflating balloon-like pouches on their throats. Although the pouches can swell bigger than their heads, no peeper has ever popped. The loud, chirping chorus of these thumb-sized frogs is among the first signs of spring.