

theZOO
LOUISVILLE

WINTER 2014

Trunkline



Meet Jahari

Get to know our brand new
pygmy hippo baby and enjoy
a special pull-out poster!



Holiday Gift Ideas
at the Louisville Zoo!

CHILL TOGETHER



PROUD PARTNER OF
**THE LOUISVILLE
ZOO**

LIVE FOR NOW®



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A.D.O.P.T.S. *Animals Depend On People To Survive*

Celebrate the winter holidays with the ADOPTS program at the Louisville Zoo. With so many animals to choose from, there's sure to be one just right for you.

The dedicated staff of the Louisville Zoo consistently provide the very best of care for our special residents every day. With an annual food cost of over \$400,000 a year, community support is needed more than ever before. Over 80% of our operating funds come from the generosity of conservation-minded members & donors like you. Our ADOPTS program is just one of the ways you can help. **Funds generated through this program go directly toward caring for the animals** here at the Zoo, and we count on your support.

If you have participated in the ADOPTS program in the past, we thank you; if you've never adopted an animal, please consider it now. It's quick and easy! Simply choose your favorite animal, and we'll do the rest.

Special Winter Holiday Animal Adoption

For a limited time you can adopt a polar bear for only \$60 (regularly \$75)! This is a perfect way to help us care for the animals during the holiday season. Don't wait, this special offer ends December 22, 2014.



Levels	Certificate	Name on Website	Picture / Info Card	Photo Button	Plush
\$35	●	●	●		
\$50	●	●	●	●	
\$75	●	●	●	●	●

To adopt an animal, visit us online at louisvillezoo.org/adopts or call 502-459-2287

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The Louisville Zoo, a nonprofit organization and the state zoo of Kentucky, is dedicated to bettering the bond between people and our planet by providing excellent care for animals, a great experience for visitors, and leadership in scientific research and conservation education. The Zoo is accredited by the American Alliance of Museums (AAM) and by the Association of Zoos and Aquariums (AZA).



Mailing Address:

P.O. Box 37250,
Louisville, KY 40233-7250

Delivery Address:

1100 Trevilian Way
Louisville, KY 40213

Telephone:

Administrative Offices: 502-459-2181
FAX: 502-459-2196
Education: 502-238-5358
Membership Office: 502-459-2287

Website with Online Store:

louisvillezoo.org

Zoo Hours:

September 29 to March 13, 2015
10 a.m. – 4 p.m. (stay until 5 p.m.)

March 14 to October, 2015

10 a.m. – 5 p.m. (stay until 6 p.m.)

Admission

Visit the website for seasonal admission pricing.
Children (under 3) receive free regular admission.
Groups (15 or more):
Call 502-238-5348
at least 72 hours in advance.



The Louisville Zoo is an agency of
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The *Trunkline* is published four times a year by the Louisville Zoological Garden, John T. Walczak, Director.

Printed by Publishers
Printing Company,
Shepherdsville, KY.



Official soft
drink of the
Louisville Zoo



For the most up-to-the-minute
news, become a Louisville Zoo
Fan on Facebook or follow us
on Twitter and Instagram



MESSAGE FROM LEADERSHIP

FROM THE MAYOR

Greg Fischer
Metro Mayor

During this holiday season, many of us are looking for gifts that are fun, affordable and meaningful. Perhaps, a gift that reaches out to more than just the person receiving it. As you know, I set three primary goals for our city: Healthier... Lifelong learning... Even more compassionate. I'd like to offer a few suggestions for some interesting gifts available through your Zoo that also give back in a number of surprising ways.

The Louisville Zoo is one of our local

gems, a gift to our community all year-long. Did you know that a percentage of every admission and membership goes towards conservation of endangered wildlife? So, here's one idea. Purchase a Gift Membership for a loved one this year giving them a whole year of fun and opportunities to learn. This enhances the quality of their life while at the same time supports the Zoo. It also contributes to important work globally with endangered species, a show of compassion.

Consider adopting a favorite Zoo animal for a nature-loving grandparent, child or even an entire classroom of students. Paired with a Zoo book and regular visits to see their adopted animal, the new personal connection could make learning about wildlife a much more meaningful experience.

FROM THE DIRECTOR

John Walczak
Louisville Zoo Director

I always enjoy the opportunity to engage with guests at the Zoo, and particularly with members who visit frequently and know the Zoo so well. Many of our conversations focus on how you are enjoying the new projects and progress going on in the park; and of course, I love to hear your thoughts and share upcoming news. As you may know already, we are currently raising funds for several exciting new developments and we hope to break ground in a few areas this winter. While watching the construction can often be very interesting, it can also temporarily interfere with normal walking paths and exhibit access. We regret this and hope the anticipation of new adventures will

help you overlook any short-term inconveniences.

On the west side of the Zoo, we will begin renovation of the Oriental White Stork exhibit to prepare for a new fairy penguin encounter in the Islands, plus renovation of the Islands café will take place. We hope to isolate the work on both of these projects to minimally impact the walkways and your visit. On the East side of the Zoo, we will begin the renovation and expansion of the Elephant exhibit requiring a remapping of the pedestrian path to the African Outpost restaurant: foot traffic will be detoured to the current tram path and around Monkey Island. Signs will help guide you. Regrettably, the camels, lions, and sometimes the zebra will not be accessible for viewing during this time and the interactive Safari bus near the petting zoo will be going away. I know you will miss visiting these awesome ambassadors and be sad to say goodbye to our bus, but I promise we are going to create an even more engaging adventure for all of our

Your family or business can make it possible for underprivileged children in Louisville to visit the Zoo and see a real tiger or penguin for the first time. Our Zoo Kids, Inc. program works with qualified charitable organizations to provide free admission and happy memories to at-risk children in our community.

How about a fun family project? Select one or more "paw print tags" off the Enrichment Tree located on the Zoo's plaza this December. Each tag suggests an animal along with a toy or item you can purchase to enrich their daily lives.

Whether giving or volunteering, we can all find creative ways to show compassion to others and to the world around us. That's a winning holiday combination.

African explorers.

Ultimately, a new road will run through the current Bongo yard (the Bongo and Addax are staying), pass by the Elephant exhibit and then rise more gently up to the African Outpost where we will create some fun new viewing experiences of the zebra. We will also add a new interactive sculpture garden.

Thank you in advance for your patience and understanding. I know you are going to enjoy these new experiences and hope you visit often to see this progress underway.

I hope you are proud to know that our Louisville Zoo is ranked the 12th best Zoo in the country by USA TODAY. Thank you for helping to make this possible.

ZOO NEWS

Meerkat Babies

The Zoo welcomed two baby meerkats recently. As of this printing, they were too young and hadn't been examined so we don't know their genders. However, we do know their parents. Penny and Leonard gave birth to the two babies on Nov. 6, 2014. On your next visit come see them near Gorilla Forest and Monkey Island.



KROGER WILD WINTER DAYS

Food Drive & Admission Discount

The Louisville Zoo is teaming up with Kroger and Dare to Care Food Bank to offer a special discounted Zoo admission November 1, 2014 through February 28, 2015 for guests who participate in a canned food drive.

This will be the sixth year of our partnership. To date, the Zoo has collected nearly 22,000 pounds of food thanks to the generosity of its visitors.

To receive 50% off regular adult and child General Admission, visitors must bring one canned good per person and present it at the Zoo's ticket window.

For an added bonus, show your Kroger Plus Card and receive a free carousel ride ticket good for Spring 2015. One ticket per card. Please note the Zoo carousel is closed for the season and will reopen around March 14, 2015, weather permitting.

Vist louisvillezoo.org/dare for more details.



SEASONAL ZOO JOB FAIR

SATURDAY, JANUARY 31

10 A.M. TO 2 P.M.

LOUISVILLE ZOO'S GHEENS ROOM

Are you interested in working in a fun environment surrounded by the sights and sounds of exotic animals? Here is your chance. The Louisville Zoo is holding a job fair for seasonal workers interested in working during the Zoo's peak season starting in March and running through October.

Minimum job requirements:

- Applicants must be a minimum of 16 years of age. Some jobs require you to be at least age 18 with a valid driver's license.
- Must be able to work a variable schedule, Monday through Friday and weekends from 10 a.m. to 6 p.m.

MEMBER NEWS

Thanks for Your Continued Support

Welcome to our newest members and thank you to all who have been supporters for years. This is the perfect time of year for us to say "Thank You." Every time you purchase a membership, buy a ticket, ride the carousel, eat a meal at the Outpost or buy a Zoo keepsake in one of our gift shops, you support the Zoo's mission: to better the bond between people and the planet by providing excellent care for our animals, educational programs for schools and families, enjoyable guest experiences plus leadership in wildlife conservation. Thank you again!

It was great to see so many of you join us for "The World's Largest Halloween Party!" presented by Meijer. Many thanks to those of you who participated in our biggest annual fundraiser helping make it a huge success and a fun memory for so many young ones! Don't forget to join us for the upcoming **Santa's Safari** presented by IHOP. Members receive special pricing. Find details and tickets at louisvillezoo.org/santa (tickets are required and available online only). **Holiday camps** are filling up quickly so be sure to register for those fun programs.

New Virtual Membership Card App – We're Live!

Our new app lets you store your Louisville Zoo membership card electronically on your iPhone or Android device. Go to the Apple App Store or Google Play Store and download the free Louisville Zoo membership app. On your next visit to the Zoo, check in at the membership office to receive your verification code (photo I.D. required to obtain code). Once activated, we can scan the barcode on your mobile device to validate your membership. You can download the



app on multiple devices, one for each named adult on your card. This app will conveniently let you know when it's time to renew too! See more details at louisvillezoo.org/virtualapp.

A Holiday Gift That Will Really Be Appreciated!

Consider giving a Zoo Gift Membership to your loved ones this year. A Zoo Membership is a **Frequent Fun Pass** that offers year-round admission, lots of great discounts and critical support for wildlife education and conservation. It's a fun AND meaningful gift! Also, keep in mind that as a gift giver, memberships are tax deductible to the extent allowable by law.

You can purchase a **Gift Membership** or the **NEW E-Gift Card**. What's the difference?

Gift Memberships start immediately with a personalized Membership card. They can be purchased by calling 502-459-CATS (2287) or by visiting the membership office. Cards can be picked up or mailed upon request and include a special Gift Letter that allows you to personalize the gift. Special incentives not picked up are redeemable when the gift recipient makes their first visit to the Zoo and completes the registration process. *Orders must be made by December 15, 2014 for holiday*

Questions about your membership? Contact the Membership Dept. at 502-459-CATS (2287)

Or visit us online for Frequently Asked Questions at louisvillezoo.org/member/FAQ.htm

delivery. The Membership winter office hours are daily 10 a.m. – 5 p.m. Closed Thanksgiving, Christmas and New Year's Day.

The NEW E-Gift Card can be purchased online and pre-loaded with the amount you choose. You can enter a recipient name and message. A unique barcode is applied to your E-Gift Card voucher which is emailed to you to forward or print out for personal delivery. The E-gift Card becomes active when it is redeemed at the Zoo for membership, tickets, education programs, ADOPTS, gift shop items, rides or concessions. If redeemed for a membership, the E-Gift Card is replaced with a personalized Membership card when the member completes registration at the Zoo on their first visit. Photos are taken and any incentive items are provided then as well. E-Gift cards are valid for 12 months. See more details at louisvillezoo.org/giftcard.



SPECIAL HOLIDAY OFFER!

Purchase a new Gift Membership by Dec. 31, 2014 and SAVE \$5 plus receive an adorable plush polar bear toy.



Zoo Webstores – Status

Our new Webstore was activated in late October. The Zoo will be hosting two (2) webstores for a short period of time while we make a full transition to the new store. The Online Store button on our website (above) will direct you to a page listing the products and providing links to the correct webstore.

Key feature in new webstore:

You will be asked to **login** each time you make a purchase, much like other e-commerce sites. This allows the system to know if you are a current member or not and to provide *automatic discounts*, renewal options, viewable history and so on. We do not store credit card numbers for security reasons.

- Hot Tip: Members SHOULD login with their current or even previous member number to quickly locate your membership (much faster than "New Registration" which requires you to remember a username and password). You

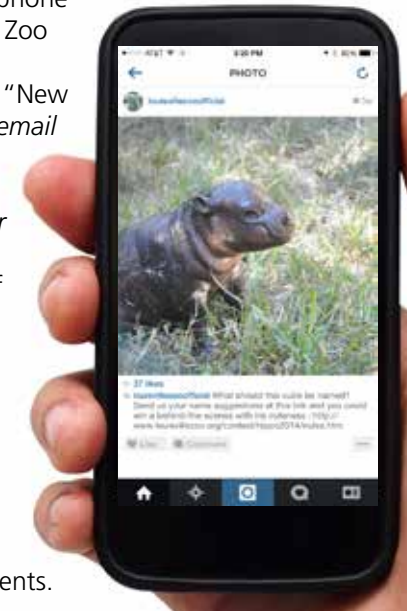
can change some profile information like email, address and phone number but need to call the Zoo for other changes.

- Non-members should select "New Registration" (*Tip: use your email address for the username so you can remember it and you won't have to search for an unused username.*) There is a password reset feature if you need it.

Stay Connected to Your Zoo – New Webstore Profile

Don't miss your Trunkline magazine or Zoo E-News featuring animal news, special offers and upcoming events. Call the membership office at 502-459-CATS (2287) or visit the new Webstore to update your profile with new email or home address and phone. Also stay on top of news and special offers via social media:

- Facebook.com/louisvillezoo
- Twitter.com/louisvillezoo
- Instagram.com/louisvillezooofficial



ZOOBUCKS

The Louisville Zoo is pleased to offer members quarterly coupons for various Zoo offers like guest admission and activities. We hope you enjoy the following limited-time promotional offers.

Please check the expiration dates and restrictions on the coupons.

ZOOBUCKS ARE ONLY AVAILABLE TO MEMBERS IN PRINT VERSION





by KYLE SHEPHERD

We have a “news of the weird” story for you! Zoo staff made an incredible discovery in the HerpAquarium — a world’s first! We are proud to announce that the Louisville Zoo and researchers from the University of Tulsa have discovered that the world’s largest snake is capable of virgin birth or what is called parthenogenesis.

Yes, you read that correctly!

The 20-foot 200 pound reticulate python affectionately known as “Thelma” had been housed at the Louisville Zoo for more than two years prior to the clutch, without a male. In the summer of 2012, the snake had laid a clutch of 61 eggs. The eggs were covered and brooded by the coiled female for two weeks before being removed by Zoo staff for examination. It is not uncommon for a snake to lay infertile eggs, so the staff was surprised when the eggs appeared to be full and healthy instead of shrunken and discolored

shells (typical of infertile reptile eggs). A decision was made to artificially incubate some of the clutch to ascertain whether the eggs were actually fertile. On Sept. 12, 2012, the first of six healthy reticulate pythons hatched with an average individual weight of 148.3 grams (5.23 ounces).

Shed skins from the mother and all six offspring – as well as other biological material – were sent to a molecular ecology laboratory in the Department of Biological Sciences at the University of Tulsa, in Oklahoma.

Over the next several months, their molecular lab determined through genetic testing and analysis that all six offspring were produced by the mother alone, without sperm from a male snake. This has never been documented before in the world’s largest snake.

You may wonder why it has taken us this long to tell you about such an amazing discovery! First, it takes a lot of time to gather the necessary information and then to authenticate it and share the discovery within the

What is parthenogenesis?

Parthenogenesis is the development of an egg without fertilization. It is derived from the Greek ***parthenos*** which means virgin and ***genesis*** which means birth. Parthenogenesis occurs through a process known as terminal fusion automixis, where cells behave like sperm and fuse with the egg triggering cell division.

scientific community.

Along with several other authors, Louisville Zoo Curator of Ectotherms, Bill McMahan, penned a paper accepted for publication in the prestigious Biological Journal of the Linnean Society describing how a 20-foot female reticulate python (*Python reticulatus*) at the Louisville Zoo produced a live offspring without the benefit of a male snake. The paper was published in late summer 2014.

“It is a very exciting thing to be able to witness something like that first hand,” McMahan adds, “especially something that had never been documented before in this species.”

You can see mom in the HerpAquarium daily where she is

on exhibit with another reticulate python. The offspring aren’t on exhibit just yet. Due to their size and exhibit space, the Zoo will likely share the offspring with other zoos within the Association of Zoos and Aquariums.

(Opposite page) 11-year old reticulate python “Thelma”

(Right) HerpAquarium Curator of Ectotherms Bill McMahan

(Bottom) One of Thelma’s offspring at 2 years old



About reticulate pythons

The reticulate python is the world’s largest snake. This status is based on more than a century of documented physical evidence. Some measured specimens have exceeded 25 feet and weighed more than 300 pounds. They occur throughout tropical Southeast Asia, India’s Andaman Islands, the Philippines, Indo-China and through Indonesia’s vast Malay Archipelago



PNC recognizes that learning in a child’s early years is essential for their long-term success. That is why we are pleased to support the Louisville Zoo and the opportunities it presents for the region’s children and their families to experience the wonders of nature and the animal world. Whether at the zoo or in a neighborhood park, here are a few tips on how everyday moments become learning experiences for young children.



ZOO: Use math words to play a game of “bigger or smaller.” Ask your child, “What animal do you see that is bigger than you? What do you see that’s smaller?” Comparing words like “bigger or smaller” are math ideas, and you’ll be giving your child math practice by using them.

HOME: Ask your child to look out the window to find three red objects. Then ask for three objects that are other colors. It’s a fun way to help children learn colors and numbers.

HOME: Let your child see that you write shopping lists, “to do” lists, phone messages and directions. It lets children know that writing is important in everyday life.

Through **PNC Grow Up Great** – a 10-year, \$100 million initiative in early childhood education – PNC provides the leadership, advocacy, funding, tools, and volunteers to help educate parents, caregivers, and communities on how to prepare young children for success in school and life.

For more information, please visit pncgrowupgreat.com.



Holiday Gift Ideas at the Louisville Zoo

**DECEMBER
SPECIAL!**
All Polar themed
items are 10% off
(excluding plush)
**MEMBERS
get 20% off**

Say goodbye to the long lines at the mall full of harried shoppers! Stop by the Louisville Zoo this holiday season for some unique and fun gifts for family members, friends or customers. Contact us for some very special personalized gifts or visit us online for Animal Adoptions and E-Gift Cards. All your Zoo purchases bring with them the extra bonus of supporting important conservation and education programs.

The Louisville Zoo's Gift Shop has one of the finest collections of plush animals in town. Whether your loved one is a huge fan of lemurs, penguins or flamingos, your best chance of finding a plush version of their favorite animal is at your Zoo. You can also find unique picture frames, jewelry, snow globes, ornaments, animal-themed t-shirts, jackets plus lots of educational books and toys, toys, toys! The Louisville Zoo also carries authentic hand-made Free Trade items created by artisans from around the world. Just a reminder that Zoo members receive a discount!

Admission is not required to enter the Zoo's main gift shop located on the front plaza. Guests can stop by daily 10 a.m. to 5 p.m. (closed Thanksgiving, Christmas and New Year's Day).



A Gift to Our Animals

Members of the local chapter of the American Association of Zoo Keepers (AAZK) invite you share the joy of caring for our animals by donating one or more enrichment items suggested on this year's Animal Enrichment Tree. Starting December 1, the Enrichment Tree will be set up on the Zoo's front plaza decorated with paw print tags created by Louisville Zoo keepers. Each tag lists an animal and a toy it would enjoy. Simply select one or more paw print tags, purchase the item, and drop it off at the Zoo's reception desk by December 31. So have fun shopping for your favorite animal – no need to wrap the items.

Give a Gift of Membership

Purchase a Gift Membership, a Frequent Fun Pass that also supports the care and conservation of wildlife. See page 6 for a Special Holiday Offer!

For a Very Special Gift!

Is there a special person in your life who deserves an extra special gift this year? Or is there someone your family or business wants to honor or recognize? Here are a few novel opportunities:

- **Adopt-An-Animal** for the nature-loving person in your life. Pair it with a fun educational zoo book, t-shirt, or other gift item from the gift shop. See page 2 for a Special Holiday Offer.
- **Behind-the-Scenes VIP Tours** make surprising and memorable gifts. They start at \$250 per exhibit area for a small group, are valid for a year and can be scheduled at a time convenient for your gift recipient. Louisville Zoo members even enjoy a \$50 discount.
- Have a loved one's name engraved on a Louisville **Stoneware leaf, butterfly or bird** and placed on the Zoo's Tree of Life which is located in the Islands exhibit in an area that can be easily visited over and over again.
- Engrave the name of a special person on one of the **benches** near our beautiful and contemplative Alice S. Etscorn Garden located close to the giraffe and rhino exhibits.

To learn more about these personalized options, contact the Development Office at 502-238-5615 or visit LouisvilleZoo.org/support.

A Fast, Easy & Versatile Gift!

Visit louisvillezoo.org to purchase an E-Gift Card which is pre-loaded with the amount you choose and valid for 12 months from the date of purchase. They are sent directly to your e-mail inbox, so they are a great option for last minute gifts. E-Gift Cards become active when they are redeemed at the Zoo for membership, tickets, education programs, ADOPTS, gift shop items, rides and concessions. Visit louisvillezoo.org for details.

Not valid for photography, face painting or for any online purchases. Value is in US dollars. Lost, stolen or misused cards cannot be reissued and are not redeemable for cash. All sales are final. Any unspent value expires 12 months from date of purchase.





G R E A T E X P E C T A T I O N S

by **Jennifer Kemnitz**

Photos by Kyle Shepherd

Pygmy Hippo Birth Is a Very BIG Deal

So little is known about the mysterious and reclusive Pygmy hippo that researchers can only provide a broad estimate of the wild population, somewhere between 2,000 and 3,000. For perspective though, even at the highest estimate, that means the total population would only fill about 5% of Papa John's Stadium.

The critically endangered status of the Pygmy hippo gives particular significance to the Louisville Zoo's new birth, even among the captive population.

"There are about 350 pygmy hippos in managed environments around the world, but that population is heavily skewed towards females," explains Jill Katka, supervisor of Gorilla Forest where the Zoo's Pygmy hippos reside. "We're always excited about a successful birth, but having a male is especially important for expanding the managed population of a species in dire need."

The baby was born August 28 to father Maji and mother Hope. Although a little small at birth, he's "gained weight like crazy" and has

adapted well to his environment, learning to swim with mom by his side. This is the third Pygmy hippo birth at the Louisville Zoo, and the first male.

"There are plenty of unattached females who will be waiting for him to reach maturity in a couple of years," Katka says.

Pygmy hippos are one of only two types of extant species of the Hippopotamidae family. While considerably smaller than the River or Common hippo, adults can reach six feet in length and weigh up to 600 pounds. They are solitary and nocturnal, spending much of the day near or in water and foraging at night for food in the nearby forests. As herbivores, they mainly eat leaves, roots, ferns and fruits.

The top layer of the Pygmy hippo's skin is very thin to help keep it cool in excessive heat, but subsequently that outer layer can dehydrate easily, which is one of the reasons the animals spend a lot of time in the water. Pygmies secrete a fluid that is pinkish in color, sometimes described as "blood sweat," which is believed to help protect them from sunburn and gives them a shiny appearance.

Found primarily in Liberia, the

main threat to the wild population is loss of their native habitat due to deforestation for logging and agricultural conversion. Pygmy hippos are also hunted opportunistically for the bushmeat trade. Because of their reclusive nature, much of what we know about the Pygmy hippo comes from scientific studies in zoos.

As participants in the Species Survival Plan, the Louisville Zoo hopes to continue contributing both to the knowledge base of Pygmy hippos

and to the overall population through managed breeding.

"These are interesting, charismatic animals that come from a pretty tough part of the world," Katka says. "As adorable as this little guy is, he's also worthy of our respect and admiration. He doesn't know it, but the world has high expectations for him."



Meet Jahari!

Over 2,500 names were submitted to the Louisville Zoo's Name the Baby Hippo Contest this last April.

Those names were whittled down to three and voted upon at the Louisville Zoo.

Cheryl Cline of Jeffersonville Indiana submitted the winning name and will receive a behind-the-scenes tour with Jahari. The name means one who has youth, strength and power.

A large adult hippopotamus is lying down in a grassy enclosure, with its head resting on the ground. A small hippopotamus calf is standing in the grass in the foreground, facing away from the camera. The background shows a chain-link fence.

theZOO

L O U I S V I L L E

IAHARI

AND HOPE

LOUISVILLEZOO.ORG

EDUCATION

WE DON'T HIBERNATE 2014 – 2015

Why let winter get you down! The Louisville Zoo is open year-round. Come and discover the many things going on at the Zoo during the winter months. Education programs will give you the opportunity to visit exotic places around the world without having to pack your suitcases or get on an airplane. These programs take advantage of the Zoo's vast resources as a "living classroom." Classes operate rain, snow or sunshine. Please dress for cold or damp weather since most programs will include a short tour outside.

Education
programs
presented by



HOLIDAY CAMPS

ZOOper Kids Holiday Camp

Ages 4 – 5

Campers will enjoy a Zoo walk, craft, and a "hands-on" visit with education animals. A healthy snack will be provided.

Cost per person per day:
Regular \$40; Members \$25

Session 1

Monday, Dec. 22
9 a.m. – Noon

Session 2

Monday, Dec. 29
9 a.m. – Noon

Holiday Camp

Ages 6 – 12

This all day program will be packed with activities including animal study, crafts, a "hands-on" visit with Education animals and a snack. Children should bring a sack lunch with a drink. Children will be grouped according to age.

Cost per person per day:
Regular \$55; Members \$40

Session 1

Monday, Dec. 22
9 a.m. – 4 p.m.

Session 2

Monday, Dec. 29
9 a.m. – 4 p.m.

Session 3

Tuesday, Dec. 30
9 a.m. – 4 p.m.

Teen Holiday Camp

Ages 13 – 15

This all day program will provide teens with a unique experience at the Louisville Zoo. Teens will explore how our Zoo cares for the many endangered animals that live here, as well as conservation projects in the wild. Teens need to bring a lunch and drink, and dress for the weather.

Cost: Regular \$55; Members \$40

Monday, Dec. 22

9 a.m. – 4 p.m.

Family Holiday Camp

Spend your holiday as a family on a Zoo safari experience. You don't have to pack your bags and take a long flight to an exotic location. Explore Africa, the Pacific Ocean islands and the Arctic all in one morning at your Louisville Zoo.

Cost – Individual:
Regular \$40; Members \$25;
Cost – Family of 4:
Regular \$120; Members \$85
Additional family
participants \$15 each

Around the World!

Monday, Dec. 29
9 a.m. – noon

EARLY CHILDHOOD 2015 CLASSES AND CAMPS

Two by Two

Two-year-old and an adult

This program is designed with the two-year-old in mind. The child **MUST** have reached the age of two by the date of the class and be accompanied by one adult. This playful class includes circle time, learning stations and a special animal guest before heading out on a guided walking tour of part of the Zoo. Time is spent exploring the world around them where they are encouraged to touch, taste, scribble, and do whatever satisfies their curiosity (under supervision)! The cost for extra adults attending will be \$10 each.

Cost per session
(one adult & one child):
Regular \$35; Members \$20

Warm Fuzzies: Session 1

Thursday, Jan. 8
9 – 10:30 a.m.

Warm Fuzzies: Session 2

Saturday, Jan. 10
9 – 10:30 a.m.

Two by Three

Three-year-old and an adult

This program is designed specifically to meet the developmental needs of the three-year-old child. The child **MUST** have reached the age of three by the date of the class and be accompanied by an adult. This class includes circle time, learning stations and a special animal guest before heading out on a guided walking tour of part of the Zoo. Time is spent exploring the world around them and "play" time to let their imaginations run wild.

Cost per session
(one adult & one child):
Regular \$35; Members \$20

Winter Homes: Session 1

Thursday, Jan. 8
11 a.m. – 12:30 p.m.

Winter Homes: Session 2

Saturday, Jan. 10
11 a.m. – 12:30 p.m.

ZOOper Kids

Ages 4 & 5

This program includes a guided Zoo walk, "hands-on" activities, closely supervised contact with education program animals and lots of information about how animals survive the winter. Activities will satisfy the curiosity of young minds.

Cost per session:
Regular \$30; Members \$15

Wild Winter Animals: Session 1

Thursday, January 8
11 a.m. – 12:30 p.m.

Wild Winter Animals: Session 2

Saturday, January 10
1 – 2:30 p.m.

Spring Break Camp 2015

Ages 6-12

Register for individual days of Spring Break Camp or all five days. Every day brings a fun and educational program with a different theme. Each theme will include Zoo walks, close-up contact with educational animals, crafts and activities. Bring a sack lunch with a drink.

Cost – Individual day:
Regular \$55; Members \$45
Cost – Five Days:
Regular \$275; Members \$215

Animal Senses

Monday, April 6, 9 a.m. – 4 p.m.

Zoo Careers

Tuesday, April 7, 9 a.m. – 4 p.m.

Wild Water Wednesday

Wednesday, April 8, 9 a.m. – 4 p.m.

Animal Grossology

Thursday, April 9, 9 a.m. – 4 p.m.

Animal Conservation

Friday, April 10, 9 a.m. – 4 p.m.

FAMILY CLASSES

Bring the family to our Family Class and learn together about the world we live in. This program is designed for families with children 4 years old and up. Meet your instructor at the Front Gate and learn with us!

"Breakfast with the Bears"

Saturday, Jan. 24

8:30 – 10 a.m.

Bring your own Teddy Bear for this class. Learn together about Polar bears and Grizzly bears. Hands-on activities will take place along with a simple continental breakfast served in the Louisville Zoo's classroom in Glacier Run. Children must be accompanied by an adult.

Cost Individual:
Regular \$30; Members \$15
Cost Family of 4:
Regular \$100; Members \$50
Additional family participants \$10 each

"Breakfast with the Orangutans"

Saturday, Feb. 7

8:30 – 10 a.m.

Escape the winter blues with this delightful and delicious program. Families will be able to explore the world of orangutans. A simple continental breakfast will be served while the orangutans eat their breakfast too. A keeper will join the group and share information about orangutan behavior and what it is like to work with these intelligent animals! Children must be accompanied by an adult.

Cost – Individual:
Regular \$30; Members \$15
Cost – Family of 4:
Regular \$100; Members \$50
Additional family participants \$10 each

HOMESCHOOL PRIDE PROGRAMS

Animal Puzzles

Ages K–5

The Louisville Zoo is offering education programs designed specifically to meet the needs of local families that are taking the responsibility for educating their children at home by using resources in the home and community. A series of science based classes are being offered once a month with curriculum based on the new Next Generation Science Standards. Students will be encouraged to look at patterns and formulate answers to questions about the world around them. The "Animal Puzzles" series will make connections to different body parts and how these physical features help them survive. *Cost per class: (one child & one adult) Regular \$ 20; Member \$15*

Spots

Tuesday, Jan. 27
2 – 4 p.m.

Stripes

Tuesday, Feb. 24
2 – 4 p.m.

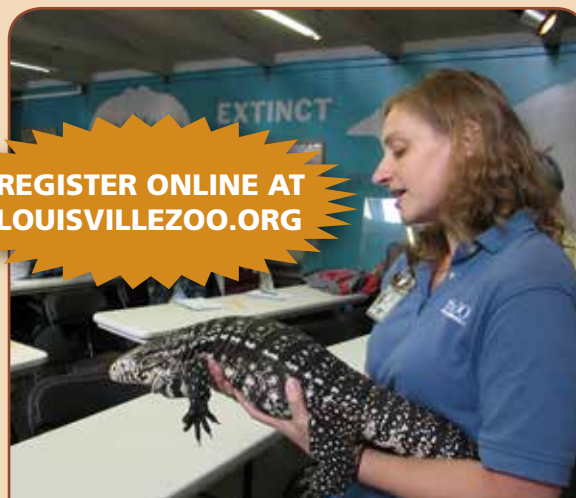
Speed

Tuesday, March 31
2 – 4 p.m.

Beaks

Tuesday, April 28
2 – 4 p.m.

REGISTER ONLINE AT
LOUISVILLEZOO.ORG



REGISTER ONLINE AT
LOUISVILLEZOO.ORG



ADULT CLASSES*Ages 18 and over*

Are you interested in finding out more about what's going on at the Louisville Zoo? One way to find out the answers to your many questions, is by attending one of our Adult Education programs which focus on information related to animal husbandry, Zoo conservation efforts, and why do we do things the way we do?

**The Louisville Zoo's
Role in Conservation**
Saturday, Jan. 17**9 a.m. – Noon**

This program will look at the efforts and role that the Louisville Zoo plays in a variety of conservation programs. Association of Zoos and Aquariums (AZA) accreditation, participation in Species Survival Plan (SSP) and unique exhibit design will be discussed. Join a Louisville Zoo Educator on an informative tour of the Zoo which may include a brief behind the scenes experience.

*Cost per person:**Regular \$25, Members \$20*
Award Winning Exhibits Tour
Saturday, Feb. 21**9 a.m. – Noon**

Join a Louisville Zoo Educator for a walk and an informative look at the award-winning Islands, Gorilla Forest and Glacier Run exhibits at the Zoo. Find out more about the history of and what makes these exhibits unique and exceptional in the zoo world.

*Cost per person:**Regular \$25; Members \$20*
**REGISTER ONLINE AT
LOUISVILLEZOO.ORG**
GIRL SCOUT WINTER DAYS AT THE LOUISVILLE ZOO**Winter Days**

Despite the cold, the Louisville Zoo remains open throughout the winter. For some animals, this means more time indoors; for others it means a change in their diet. And for animals like the Polar bears and Snow leopard, winter is where it's at! During this special program, Girl Scouts will not only discover what winter days at the Zoo are like, but will also learn about animals' winter habits and habitats. Girl Scouts will receive a participation patch. No tag-alongs, please. To register for Daisies, Brownies or Juniors, first call Karen Maynard at 502-238-5382 or email Karen.maynard@louisvilleky.gov to check availability.

Daisies (K/1st)**January 17, 12:30-2:30***Cost: Girl Scouts \$12; Adults \$10***Brownies (2nd/3rd)****January 24, 12:30-2:30***Cost: Girl Scouts \$12; Adults \$10***Juniors (4th/5th)****January 31, 12:30-3:30***Cost: Girl Scouts \$15; Adults \$10*
Girl Scouts®
**Zoo Careers and
Animal Conservation**
*Cadettes, Seniors and Ambassadors***Saturday, February 7****9 a.m. – Noon****Saturday, March 14****9 a.m. – Noon**

Have you ever thought about working at a zoo? Zoos play very important roles in our modern world, and many careers are required to operate an accredited zoo like our Louisville Zoo. Join us as we explore the professions that our employees are so passionate about and how zoos are leaders in conservation. You will get an inside look at what we do, meet employees, and learn how you can be a leader in conservation as well! You will also receive a participation patch.

To register for Cadettes, Seniors and Ambassadors, first call Kathleen Johnson at 502-238-5342 or email Kathleen.johnson@louisvilleky.gov to check availability.

*Cost per session:**Girl Scouts \$15; Adults \$10***HORTICULTURE**

Winterizing Your Roses and Perennials

by **Dennis Stephens**

Starting this year, Dennis Stephens of Monty's Plant Food held Saturday classes at the Zoo to help teach the proper techniques for growing roses. We plan to offer the classes again starting in the summer. But to give you a head start, here's a few hints from Dennis about what you can do right now to make your garden grow.

Preparing your roses for winter will help to ensure the best results for the coming spring. Below you will find a variety of recommendations that have proven to be successful in protecting roses from the often harsh winters of our area. What happens above the ground is important, but what happens below the ground can be equally important to the life of your roses. Although these recommendations are directed to roses, many of these recommendations apply to other perennials as well.

Above the ground

Winter pruning helps ensure that you will have a better, healthier plant in the spring. Any time after we have had a good freeze but before things warm up in the spring, typically between the first of December and the middle of February, you can prune your Hybrid Tea, climbers and Knockout Roses for winter. Prune the lateral canes and small twiggy stems that have not – and cannot — produce a bloom. If you have black canes, cut these back until you have a creamy pit on the edge of the stem. Many gardeners typically cut the climbers and knock-out roses around Valentine's Day if we happen to receive a few days of warmth.

A two-inch woody mulch should be applied once the ground has frozen. Applying the mulch after the ground has frozen prevents the ground from warming up too early in the spring. New, tender growth can be damaged by late cool periods in the spring. Manure can be used, but make

sure it is decayed so that it does not stimulate growth. The mulch should be pulled back in the spring once the threat of a freeze has past.

Below the ground

Soils that do not drain well can lead to bacterial issues because they hold water in the mulch and soil area. Compacted soils will also lead to issues by limiting the plant's ability to spread roots and take up nutrients. A healthy, vibrant plant starts with strong, healthy roots. Make sure the bud union of the rose is planted below the soil level. If the bud union is showing above the ground, you should replant once the plant is dormant but the ground is not yet frozen. Because of the climate in our area, the bud union should be planted at least one inch below the soil surface. Adhering to this depth will typically allow the plant to better resist our inconsistent weather patterns. Woody mulch is preferred because wood is a non-conductor of temperature and therefore better insulates the ground.

These recommendations will make your roses the envy of the neighborhood!

Monty's Plant Food Company offers a variety of products designed to maximize the success of your roses and perennials. For more information visit mymontys.com or contact Dennis Stephens, President Monty's Plant Food Company at dstephens@montysplantfood.com. The 2015 Rose Classes schedule will be announced in the next issue of *Trunkline*.





Thanks!

Friends of the Louisville Zoo would like to thank all who participated in Brew at the Zoo 2014. The event was a huge success because of your support. Special thanks to:



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SPECIAL THANKS!

Pinot's Palette-St. Matthews
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Yard birds

KIDS FOR CONSERVATION

Riding Your Bike for the Planet

by **Matt Lahm**, Assistant Curator of Conservation Education

How many of you like to ride your bicycle? Did you know that by riding your bike, you are helping the planet and being "Green!"

"Green" is more than just a color. What does it mean to be "Green?"

Being "Green" means:

1. That you are **thinking** about how people and the environment are connected.
2. That you are **doing** your best to take care of the planet's resources as well as considering how the items you use affect the environment.
3. That you **care** for the environment in ways that keep the planet healthy.

How does riding a bike help the planet? Riding a bicycle is a great way to commute without creating any pollution, and it's healthy for you as well. Fuels like gasoline, oil and coal are called fossil fuels. When you drive a car, it uses gasoline which creates carbon dioxide (CO₂) in the exhaust. Carbon dioxide is called a greenhouse gas. Many scientists believe that greenhouse gases are making the earth too warm. Your carbon footprint is the total amount of CO₂ you create. A big carbon footprint is bad for the planet.



(left to right) Matt Lahm, Hunter Veenerman, Patrick Gage

How can I make my carbon footprint smaller?

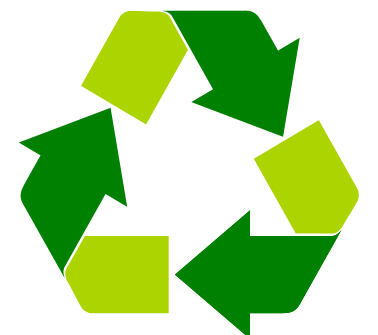
Bikes are a great form of "green" transportation! Consider riding your bike to school or to a friend's house instead of getting a ride in a car. Of course, you need to make sure you have a safe route to travel and get your parent's permission first.

If you must ride in a car, try to carpool with others and plan your route so you are not driving more than you have too.

The staff members here at the Louisville Zoo are doing their part

to try to help educate others and show how commuting using their bikes instead of cars can reduce their carbon footprints. The Louisville Zoo was one of twelve zoos in the U.S. that had a team participating in the Bike Commute Challenge this past September.

When you ride your bicycle, you are supporting the Louisville Zoo's mission "To better the bond between people and the planet."



Website Resources

- climatekids.nasa.gov
- kidshealth.org/kid/watch/house/go_green.html
- grist.org/biking/babes-in-bikeland-advice-for-cycling-with-kids
- <http://bikeleague.org>



SPONSORSHIP THANKS

Every day, the Louisville Zoo welcomes visitors, supports conservation projects, creates once in a lifetime memories and cares for endangered wildlife. Just like our animals, corporate partnerships with the Zoo come in many shapes and sizes. Your business or organization can partner with the Zoo through many different opportunities including event or program sponsorships, group events and more! With attendance of over **880,000** this past year, your brand has the potential to reach a significant number of families in the region.

Special thanks to our generous sponsors for these programs:

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THANKS for supporting the Zoo's biggest annual fundraiser. We hope you had a great time and made some happy memories!



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WISH LIST

The Louisville Zoo is seeking the following items for donation. New or gently used items are accepted. Please consider a donation.

Items of most need include:

1. Fiberglass ladders (4', 6' and 8')
2. Lightweight, portable plastic tables (6'x30")
3. Poly-tarps (various sizes)
4. Box fans
5. Tree pruners (various sizes)
6. Pool skimmers
7. AM/FM and weather radios
8. Backpack leaf blowers
9. Weed eaters (Stihl with .105" line)
10. Reciprocating and circular saws
11. Heavy duty ShopVac (various sizes)
12. Rubbermaid storage containers
13. 2-drawer and 4-drawer file cabinets
14. Water hoses, nozzles and sprinklers

How to schedule your wish list donation:

Please contact Josh Lampton at (502) 238-5386 or email Josh.Lampton@louisvilleky.gov if you wish to make a donation.

All donations can be delivered to the Zoo, Monday–Friday, 8:30 a.m. to 5 p.m. Arrangements can also be made for delivery on the weekend.

**The Zoo reserves the right to evaluate the condition of an item before accepting a donation.*

WANTED



Animal Enrichment Items

The Louisville Zoo staff works hard to make sure that our animals stay mentally engaged and active. One way they do that is by providing daily enrichment activities that encourage an animal to perform a broader spectrum of their natural behavioral repertoire. The following items are needed to help us increase our enrichment options: boomer balls (various sizes), jolly balls, 5-gallon buckets (new), burlap bags, plastic kiddie pools, pillow cases, flat (not fitted) bed sheets and blankets or quilts (without stuffing).

See the Enrichment Tree full of suggestions on the main plaza in December.

WANTED



Hand Tools

Many departments throughout the Zoo are looking for new or slightly used hand tools such as hammers, screwdrivers, pliers, etc. Yard, barn and garden tools are also needed.

DONOR THANKS

Gifts received July 16 through October 16, 2014

(all gifts of \$100 or more are listed in this publication)

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VOLUNTEER NEWS

Thanks to the 2,580 Louisville Zoo volunteers who contributed a remarkable 64,353 hours of service. Their efforts equal 31 full time employees, saving the Zoo over \$1,265,585. Wow!

In honor of their hard work, the Zoo held our annual Volunteer Appreciation Dinner on Sunday, August 11. Over 600 volunteers and guests joined us in celebrating the hard work and dedication of all our fantastic volunteers. It was a very hot evening, so thanks to those of you who were able to participate and enjoy the delicious food and good company.

Two special volunteers were recognized this year for exceptional contributions:

Jonathon Michael Heaton Award

This award for outstanding Youth is presented each year in memory of Jonathan Michael Heaton.

The 2014 winner is Michelle L. Boyken. Michelle, a senior at Meade County High School, is one of the hardest-working volunteers around. She began volunteering in the giraffe area in the summer of 2013 and has continued her work there on Sundays

throughout the school year and into this summer. How committed is she? She drives all the way from Meade County, Kentucky.

Michelle is teasingly referred to by Zoo staff as "The Terminator" or "The Machine" because of the incredible efficiency she brings to her work. She fulfills tasks in the blink of an eye, rarely even stopping to take a break, and once the job is completed, she is ready to move on. Well done and thank you Michelle!

Diane Taylor Spirit Award

Created to honor an outstanding Adult Volunteer, the 2014 Diane Taylor Spirit Award went to Anthony Schneider.

After volunteering in Glacier Run for two years, Anthony has become a true asset to this award-winning exhibit area. He is dependable, never complains and even in the most severe weather, he is there to support the staff. Anthony is always up for a challenge: from making tasty treats for the bears to cleaning up their messes. And best of all, he does this with a

smile and a great sense of humor, often inspired by some of the most unglamorous jobs. In addition to his volunteering at Glacier Run, Anthony works in the Zoo's Guest Services Department. Guess he likes this place. Huge thanks to you Anthony.



Above Top: John Walczak, Diane Taylor and Anthony Schneider.

Above Bottom: John Walczak, Michael Tucker (Jonathon's brother), Jonathon Henry Tucker (Jonathon's nephew), Michelle L. Broyken, Jennifer Winterton (Jonathon's Aunt)

A BIG shout out and thanks is due to Humana employees who helped repair the Zoo's perimeter fence (pictured right).



THANKS FOR MAKING HALLOWEEN 2014 A SUCCESS!

Many thanks to all those who volunteered their precious gift of time, whether as individuals or as part of a group of organization, during the Zoo's "World's Largest Halloween Party!" presented by Meijer. Over 1,300 volunteers helped make this community tradition possible this year for all those princesses and Ninja warriors and their families. The volunteers spent 8,339 hours and saved the Zoo over \$66,716.

A special thanks to UPS for assisting with set-up and breakdown as well as providing 267 volunteers over three Halloween Party evenings.

On October 10, the Louisville Zoo recognized UPS employee Mark Wilson (at right with Diane Taylor and John Walczak), who since 2008 has helped recruit other UPS employees to volunteer during Halloween. You're the best!



SUPPORT YOUR ZOO!

Spotlight on Zoo Kids, Inc.

by Josh Lampton, Development Specialist

Louisville has many wonderful attractions, but nothing seems to capture the hearts and minds of children as much as the Louisville Zoo.

Taking a school field trip to the Zoo expands upon what our children learn in school and helps teachers bring classroom lessons to life. Every day at the Zoo, we see children with smiling faces and bright eyes filled with anticipation race down the path to sit face-to-face with an orangutan, watch the sea lions dart around their gigantic pool in Glacier Run or giggle when they see a baby Pygmy hippo swimming and climbing on rocks.

Unfortunately, these life-changing experiences are simply not possible for thousands of children in our community. Their families are faced with difficult decisions, like putting a meal on the table or sending money to school with their child so they can participate in a field trip. And shouldn't every child have a chance to see a real elephant or tiger, not just those on TV, in books or online? We need to work together to provide every child with a chance to be the next great scientist, explorer or conservationist, or simply inspire them to learn about and care for our planet.

The challenges faced by these families led the Zoo to create the Zoo Kids, Inc. partnership program in 2005. The purpose of the current program is simple: provide disadvantaged children in our region the opportunity to visit their Zoo. Area businesses and residents have supported the program for nearly 10 years underwriting 23,500 admissions. All contributions to the Zoo Kids, Inc. program go directly toward admission fees allowing underserved children the chance to create lasting memories at their Zoo

that many of us take for granted.

One teacher shared this comment with us, "Every year there are a handful of students who have never been to the Zoo. This year, when I announced the trip, a little boy rushed forward and hugged me, exclaiming, 'I've never been to the Zoo! Thank you! Thank you!' He knows what the Zoo is, but his family has never been able to go. At least half of my class would be unable to pay for the trip without assistance from Zoo Kids, Inc."

How Can You Help?

We invite you to become a Zoo Kids, Inc. champion and help usher in a new generation of children excited to be part of our planet and enthusiastic about becoming involved caretakers of nature and wildlife. There are always more requests than we can fulfill. Your support can help expand the program and provide more of our region's disadvantaged children the opportunity to create cherished and memorable experiences: a first nose-to-nose encounter with a gorilla or a diving polar bear; hearing the spine-



Thank you so much for the opportunity to bring our students to the Zoo. It was a wonderful learning experience!

Sincerely,
Jessica L. Coon
Kindergarten Teacher

chilling roar of a male lion; seeing real penguins and realizing they are not just animated dancing cartoons. Help us help students in this truly meaningful way, ultimately achieving our mission of "bettering the bond between people and our planet."

For more information or to make a donation, please visit our website at louisvillezoo.org/support/zookids or call us at 502-238-5386 to become a Zoo Kids, Inc. partner.

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1100 Trevilian Way
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Santa's Safari

Presented by



December 6-7 & 13-14, 2014
10 a.m., Noon & 2 p.m.

Santa is making a special stop by the Louisville Zoo and he's bringing some of his North Pole friends along too. Enjoy a visit and photo with Santa plus meet Mrs. Claus, Frosty the Snowman plus a sun-loving snowman and two icy cold princesses! Includes yummy refreshments, a fun holiday craft, special animal encounter stations, festive sing-alongs and more. Bring your cameras!

Visit louisvillezoo.org/santa
for details and tickets
(available online only)

