

Did You Know? Lion Tamarins

There are four species of lion tamarins belonging to the genus *Leontopithecus*. They are small New World monkeys named for the mane surrounding their face. All are found in the eastern rainforests of Brazil and have similar natural history.

- Golden Lion Tamarin, *L. rosalia* — golden or orange fur all over, mane sometimes darkening or black.
- Golden-headed Lion Tamarin, *L. chrysomelas* — black fur with golden face, arms, and tail

- Black or Golden-rumped Lion Tamarin, *L. chrysopygus* — black fur with a dark gold rump
- Black-faced Lion Tamarin, *L. caissara* — golden fur with black face, arms, and tails

The Santa Ana Zoo has two of these species in its collection, the golden lion tamarin and the golden-headed lion tamarin. The Zoo has contributed funds to the Lion Tamarin Fund sponsored by the National Zoo to help support research and conservation of these endangered and threatened species.



Golden-headed Lion Tamarin

Animal Collection Updates – Summer 2009 Ethan Fisher – Zoo Registrar



"Surprise!" That is what Zookeeper Tom Shivers said when he recently discovered ten baby boa constrictors slithering around our snake exhibit. The boa constrictor is an ovoviviparous species,

meaning that the female incubates her eggs inside of her body; the babies subsequently hatch out and are born as a typical live birth. This is the first-ever snake birth on record at the Santa Ana Zoo.

However, not all births at the Zoo are unplanned as were the boa constrictors. On March 21 we were delighted by the arrival of yet another set of golden lion tamarin twins. We house two pairs of endangered golden lion tamarins (one on exhibit and one off-exhibit), and both pairs were recommended to reproduce by the Species Survival Plan for golden lion tamarins. Golden lion tamarin twins were previously born on January 20, and the red-handed tamarin twins happened to be born on February 20. The births of the four golden lion tamarins are the first successful births of this species at the Santa Ana Zoo.

Other animal updates include the arrivals of a new pair of roseate spoonbills

that now reside in the Colors of the Amazon walk-through aviary, and a new male guanaco. Spoonbills are unique-looking wading birds thought to be related to either pelicans or herons and storks. On April 1 we also acquired a pair of giant anteaters; they are currently housed off-exhibit. The anteaters and guanacos will be at home in the new Tierra de las Pampas Exhibit, which is opening soon.

Despite all the hellos, we did say some goodbyes with the loss of our feral pig "Spot" who passed away at nearly 18 years of age, very old by pig standards. We also recently said bon voyage to our male acouchi "Larry." Larry went to the Pueblo Zoo in Colorado, where he will live in an exhibit that recreates the South American rainforest. We still display one acouchi in the north end of the Zoo near the tamarins. Acouchis are small, cute, ground-dwelling rodents that scamper around on the rainforest floor.

Animal Trading Card

Common Name: Black Howler Monkey
Scientific Name: *Alouatta caraya*
Distinguishing Characteristics: Howler monkeys have beards and long, thick hair which may be black, brown, or red. They are found in multilevel troops each with one dominant adult male. They are slow-moving and sleep or rest half the day. They have a distinct call that can be heard over a long distance to make other howler troops aware of their location. When the troops meet, there is a lot of activity: howling, running, and fighting. Troop range is important to ensure food supply.

Habitat: They are found in the tropical forests of Central and South America. They prefer the middle and upper stories of the rain forest.

Wild Diet: They eat leaves, fruits, flowers, and insects. Because of the low-sugar content of leaves, Black howlers have a specially equipped digestion system to get maximum energy from leaves.

Facts: Although not listed as endangered, they, like all South American animals, are losing their habitat at an alarming rate, which affects their wild population growth. They are the largest monkey in Latin American rainforests.



Rip Ribble, FOSAZ President, and his wife, Karen, accept a \$10,000 donation from Disney's "Flashback" program in which talented cast members put together a performance to raise funds for a charity. The Santa Ana Zoo was selected as this year's recipient.

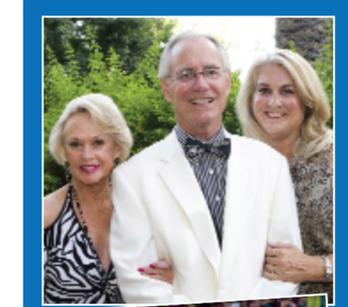
FRIENDS OF
Santa Ana ZOO
AT PRENTICE PARK
Home of the 35 monkeys

1801 E. Chestnut Ave.
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Time Sensitive Material

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Zoofari 2009, continued from front page



the continuing upgrades and improvements of the only AZA-accredited zoo in Orange County, providing much needed dollars during its 16-year history. Tickets are \$200.00 per person or tables may be purchased for \$2,000.00 for tables of 10. Reservations are required. Marketing sponsorships and program ads are available. For more information or to make reservations, contact the Friends of Santa Ana Zoo at (714) 953-8555 x10 or online at www.santaanazoo.org.

Zoo Info:

HOURS:
Gates Open 10 AM
Gates Close 4 PM
Grounds Close..... 5 PM
The Santa Ana Zoo is open daily except Christmas Day and New Year's Day.

ADMISSION:
Adults (13+)\$6.
Children (3-12)\$3.
Seniors (60+).....\$3.
FOSAZ members, disabled persons, and children 2 and under are FREE
Train Rides.....\$3.
Carrousel Rides.....\$3.
11 AM-2 PM Every Day (\$5 Combo Tickets for Train & Carrousel available)
Subject to change without notice.
Call for further information (714) 836-4000.

TELEPHONE NUMBERS:
Recorded Zoo Info:
(714) 835-7484
Education Dept.:
(714) 647-6575
Gift Shop:
(714) 542-9650
Friends of Santa Ana Zoo:
(714) 953- 8555
WEB SITE:
www.santaanazoo.org

About This Publication

Animal Tales is published by Friends of Santa Ana Zoo (FOSAZ), a nonprofit corporation organized to develop financial support, growth and community awareness for the Santa Ana Zoo.
Editor/Writer - Tom Decker
Copy Editor - Royal Literary Publications
Graphics - CoolPics Studios
Printing - Metropolitan Printing

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FRIENDS OF
Santa Ana ZOO
AT PRENTICE PARK
Home of the 35 monkeys

TO INSTILL A PASSION FOR THE NATURAL WORLD THROUGH RECREATION, CONSERVATION AND EDUCATION

Animal Tales

A
LOOK
AT
WHAT'S
INSIDE



Animal Trading Card
Howling at the moon?



"Flashback"
Rip and Karen Ribble accept this Disney award



Lion Tamarins
Four types of this small monkey

Summer 2009 - Volume 11, Issue 2

Special Events 2009

EVERY SECOND TUESDAY of the month: FREE admission for Santa Ana residents' day. \$1 Train & Carrousel Discount Day (2nd Tuesday only).

June 14
Sunset at the Zoo - Three-part summer concert series. Bring a picnic and join us for an evening of live music, coffee, dessert, train rides and animals: 5:30-7:30PM.

June 28
Sunset at the Zoo - Our second event in the concert series. Bring a picnic and join us for an evening of live music, coffee, dessert, train rides, crafts and animals: 5:30-7:30PM.

July 19
Sunset at the Zoo - The final event in the summer concert series. Bring a picnic and join us for an evening of live music, coffee, dessert, train rides and animals: 5:30-7:30PM.

August 22
Zoofari 2009 - Black tie gala fundraising dinner/dance: 5:30PM - Midnight.

September 26
Membership Appreciation Day - Members get FREE train rides, crafts and extra discounts: 11-2PM.

October 11
National Chemistry Week/Chemistry Day - Chemistry displays sponsored by the American Chemical Society: 11AM-3PM. FREE with price of admission.

October 17, 18, 24, 25, 30
Boo at the Zoo - Halloween family festival with trick-or-treating, costumes, lights & decorations, nocturnal animal presentations, train & carrousel rides: 5:30-8PM.

November 21-22
University of California Master Gardeners - Fun activities and helpful information for the gardening enthusiasts: 11AM to 3PM. FREE with price of admission.

Dates are tentative and subject to change. For additional information on any event, please visit www.myspace.com/jazzzoo or call (714) 953-8555 x12.

Zoofari 2009 – "Funky Monkey"

Enter the delightful world of our famous 50 monkeys this summer at the Santa Ana Zoo with "Funky Monkey," our 17th annual Zoofari black-tie/safari-wear fundraising gala. On Saturday, August 22, 2009, from 5:30 PM-midnight, join us for one of California's famous hot and steamy summer nights at the most inspiring venue in Orange County. This year Zoofari is supporting improvements to our animal commissary and other upgrades and expansions around the Zoo. Wander through an enchanting land teeming with unique and magnificent animals and enjoy a visit with our 50 amusing monkeys.

The Friends of Santa Ana Zoo has embarked on an outstanding plan to upgrade our animal commissary to a state-of-the-art facility for food preparation. This important site is where all of the essential diets are prepared for each and every animal at the Zoo. FOSAZ continues to remain active in the ongoing upgrades and improvements to Zoo exhibits. By supporting this year's Zoofari, you will have a significant impact on our animals and their valuable place in the world, while also enjoying live music and dancing, hors d'oeuvres, a catered dinner, and cocktails.

The evening begins with free valet parking, a hosted bar, appetizers, and live entertainment. The event continues with animal encounters and a silent auction.

Host Chuck Dreyer, Southern California's pre-eminent fundraising auctioneer, will be the MC for this magical evening. The Friends of Santa Ana Zoo Board President Rip Ribble says "Join Zoofari Event Manager Cathi Decker and myself along with Honorary Chairs Sandy Segerstrom Daniels and Ed Arnold for the best-ever Zoofari Fundraising Gala. You can bid for wonderful trips, golf outings, and spectacular gifts in our live and silent auctions, while enjoying an evening under



the stars of great food, drink, music, dancing, and companionship."
A fully catered sit-down dinner by Parties by Panache will be served followed by an exciting live auction. Finally, more live entertainment will commence and the dance floor will come alive to the resonance of Soundbytes!
Zoofari has played an intricate role in

continued on back page

Friends of Santa Ana Zoo Welcomes New Board Members

Lori Babcock

Lori Babcock and her husband, Bob, are the owners of R.W.B. Party Props. She has been designing props and decorating for special events for over 30 years. She received her Bachelor of Science in Business Administration from California State Long Beach. Lori enjoys collecting antique clothing to complement the family's interest in antique automobiles. She and her family also enjoy narrow gauge railroading. She is looking forward to helping with the Friends of the Santa Ana Zoo activities.



Lori Babcock

care solutions.

Bart Korsak

Bart Korsak comes to the Friends of Santa Ana Zoo board as a financial advisor with New York Life. He received his Bachelor of Science in Business Administration (Business Management) from California State Polytechnic University in Pomona and holds both insurance and securities licenses.

For the past seven years he has specialized in implementing benefit and compensation packages for small- to mid-size corporations, providing business owners and families with retirement planning, insurance services, and long-term

Bart has been active in youth and high school tennis programs and has sat on the Board of Directors of F.A.C.E.S. a local nonprofit family counseling organization, which helps families cope with divorce (www.facescal.org) and currently sits on the Board of Directors of the YMCA in Santa Ana. In his free time Bart enjoys golf, tennis, softball, and snow sports.

Maureen Cronin

Maureen Cronin is currently a Tax Principal at Stonefield Josephson, Inc., where she specializes in providing tax compliance and consulting services to high net-worth



Bart Korsak

individuals and their closely held entities. She has a law degree from Pepperdine University and an undergraduate degree from the University of Arizona, where she majored in Finance. Maureen is a lifetime lover of animals and owns four dogs and two cats, all of which she rescued from the street, with the exception of her German Shepherd named "Puppy Puppy." Maureen is delighted to have the opportunity to serve on the board of the Friends of Santa Ana Zoo, which she views as being large enough to offer many exciting programs and exotic animal species, yet small enough to allow everyone to make a difference and to feel like part of a family.

KIDS ZONE Zoo Fable #17: The Capuchin's New Coat

Nero, the ruler of the brown capuchins, was surveying his kingdom at the Santa Ana Zoo. Two little birds had flown down into his home and started to eat his food.

Seeing this transgression, Nero went into a rage and jumped over toward his dinner, intending to scold the thieving birds.

"Stop," yelled one of the birds as Nero approached. "We see that you have no fur." Nero was annoyed at this. "Of course I have no fur. It is a sign of honor for a ruling capuchin such as myself to have lost his fur!"

"Yes," said the bird, "but surely you would want a kingly coat to cover yourself when it gets cold. We can build you such a jacket, a jacket fit for a capuchin king! All we ask for such a magnificent coat is that you share with us some of your food."

Nero was flattered by the bird's offer, and an agreement was made. So the birds came and ate daily from Nero's food and then proceeded to fly up into the trees to work on the coat. After a few days, Nero grew impatient and sent the court's fool to look after the birds. But the fool came back and told Nero that the birds did not appear to be working on anything. Nero summoned the birds at once.

"What is the meaning of this?!" he scowled. "You birds have not been working on my coat."

"But we have, your grace," explained the bird. "We are using only the finest cloth. One that is invisible to anyone who is either stupid or unfit for his position."

A few days later, Nero sent his wisest assistant to check on the birds. He also found them working on nothing, but he did not want to appear as the fool or unfit for his position, and so he reported back to Nero that it was the most beautiful coat he had ever seen. Daily, Nero would send assistants to check on the birds, and they would all report back that they could see the coat and it was truly fit for a king.

Finally, the birds said the coat was ready and brought it before Nero. Of course, Nero could not see the coat either, because the birds had devised this most clever trick, but Nero did not want to appear stupid or unfit, so he proudly went out to show his new coat. Everyone told Nero how wonderful his coat was, for nobody wanted to appear stupid or unfit. And if you go visit Nero at the Santa Ana Zoo, you can see him wearing his "invisible" coat. Perhaps you can be the one to let him know that the birds had been tricking him.

Zoo Moral: Be wary of those making claims which defy the senses.

WORD SCRAMBLE From Zoo Fable

1. **ERNO** (Capuchin king)



2. **CLOWS** (Rhymes with "owl")



3. **TLOCH** (What was actually invisible?)



BONUS:

Now unscramble the letters circled above to discover this Santa Ana Zoo animal!



Hint: This animal can be found in this newsletter.

Kids, send your Zoo art (along with your name and age) to:

Tom Decker, Friends of Santa Ana Zoo, 1801 E. Chestnut, Santa Ana CA 92701 or e-mail artwork to tdecker@fosaz.org.

Donor Profiles: Bud Hurlbut

Bud Hurlbut's contributions to the design and building of train and amusement rides in Southern California began in the 1940s. After forming his "Hurlbut Amusements" company in the 1950s, he met Walter Knott and began developing the amusement rides for Knott's park. His contributions, which included the Calico Mine Ride, Fiesta Village, Philadelphia's Independence Hall, and the Timber Mountain Log Flume, contributed to Knott's Berry Farm becoming a full-fledged theme park.

In the 1980s Bud founded Castle Park in Riverside, and in the 1990s his 1955 Hurlbut train from Santa's Village was

refurbished and became the "Zooafari Express" of the Santa Ana Zoo. In 2006 his financial support helped with the costs for a new electric train engine for the Zoo. In 2007 and 2008, Bud assisted in the research for the Zoo's Conservation Carrousel, lending years of insight and knowledge.

Bud Hurlbut's long-time significant contributions to the Southern California theme park industry are well documented and celebrated. His generous and enthusiastic support for the Santa Ana Zoo is the continuation of his long career, which now moves into the 21st century "with full steam ahead."



The Tale of the Orange Monkey by Ron Glazier

It's the high pitched chattering that often attracts the zoo visitor's attention, a sort of agitated calling. Locating the source the visitor is surprised to see it coming from what appears to be a tiny monkey covered in bright golden orange fur. It's hardly what one would visualize as a monkey, but it is a monkey, nevertheless. But there is more to the story than its unusual coloration and birdlike vocalizations.

In the 1970s these monkeys were almost extinct in their natural habitat of the Atlantic coastal forests of Brazil. Destruction of the forests for agricultural purposes and the need for housing for an expanding human population, along with hunting, had reduced the population to an estimated 500 animals. Under the leadership of the National Zoo in Washington, DC, several U.S. zoos undertook a captive-breeding program to see if these unique monkeys could be saved from extinction.

The idea had three major components. The first was to establish breeding groups in zoos. The second phase would be to return captive bred animals to a protected sanctuary in Brazil where those animals would learn to survive in the wild. The third phase, and the most exciting, would be to release captive-bred animals to the wild to supplement the natural population. It was a bold and daring concept, and I am happy to say, it worked.

Although zoos had been successful in breeding many species of animals, there were new lessons to be learned. For example, the golden lion tamarin (GLT) is a social animal living in small groups so it was natural to put them in groups for breeding purposes. To the dismay of the zoologist only one of the females in the group was having babies. After further research, it was learned that in the wild only a dominant pair in the group bred. Zoos began to separate the groups into



Golden Lion Tamarin

isolated pairs, and then all of the females—or at least many of them—produced babies.

It was also learned that the artificial habitat had to closely resemble their natural habitat if the monkeys were to be successfully released to the wild. Climbing structures in the zoo exhibits had to bend and move like real tree branches so the GLTs could perfect their balance and timing in running and leaping in an environment of swaying tree branches.

The GLTs also had to be taught how to forage for their food, as they would have to in the wild, where no convenient food bowls would be found. But lessons were learned by both the zoologists and the tamarins. With the cooperation of the Brazilian government, as well as many landowners who preserved patches of forest and interconnecting corridors of woodland, the GLT relocation of captive bred animals to the wilds of Brazil is a conservation success story. The wild population has now reached approximately 1,500 with another 450 living in zoos

around the world.

In the wild, GLTs prefer swamp forests with dense overhead canopies that provide some protection from aerial predators, and many vines that provide arboreal highways. They are diurnal; that is, they are active during the daytime and sleep in tree hollows at night. Tamarins are omnivores and eat fruits, insects, and small lizards. In zoos, GLTs are fed fruit (bananas, apples, and oranges), canned marmoset (a similar small South American monkey) diet, mealworms, and crickets. They have long slender fingers they use to probe cracks and crevices of the tree trunks and branches for small insects, a behavior called micromanipulation.

Twins births are most usual after a gestation of 130 days, and the males help carry the babies. Since the babies can weigh 15 to 20 percent of the mother's body weight, the help is no doubt much appreciated. The female retrieves the babies for nursing, but they are weaned in about 90 days. Their normal life span is about eight years but they have lived as long as 31 years in captivity.

Life in the wild can be harsh, and GLTs must be on the constant vigil for predators, mainly, hawks and other raptors, small cats, and large snakes. They have distress calls to warn of predators. Apparently, these are genetically determined. There is one particular alarm call that is sounded when birds fly overhead. Tamarins that have always lived indoors will instinctively give this call when moved outdoors and a bird flies overhead.

Fortunately, the distress calls of biologists 30 years ago didn't go unheeded, and zoos collaborating in the best interest of a threatened species answered that call, and, at least for the time being, golden lion tamarins still have a future in the coastal preserves of Brazil.

Family Adventure Classes

A variety of natural science workshops are offered to the public on Saturdays. All sessions are geared to a variety of ages and provide an exciting opportunity to learn about animals and nature firsthand. **Reservations & payment must be made in advance.** Call the Zoo Education office at 714-647-6562 for information.

Breakfast with the Beasts

Join us early Saturday morning for a light breakfast of cereal, muffins, fruits, and juice. In the new Crean Family Farm everyone lends a hand feeding the animals their breakfast – all before the Zoo opens to the public. This single-session workshop is designed for both adults and children of all ages. Workshop meets from 8:30 – 10 AM. Fee is \$8 per FOSAZ member (\$12 per person non-member). Children two and under are free. Fee includes Zoo admission. Reservations must be made in advance.

Saturday, June 27 • Saturday, July 25 • Saturday, August 29

Watch for the Scout Patch Program to return in October.

Personalized Brick Program

You are invited to become a part of the Santa Ana Zoo with your purchase of a personalized brick. Your brick will be "planted" by the Wishing Well, just across from the Conservation Carrousel and next to the Train Depot. Personalize a brick to memorialize a loved one or a favorite pet, celebrate a special occasion, or recognize your family or business! Profits from the brick program go directly into programs and efforts which support and enhance your Zoo.

The 4"x 8" bricks are only \$99 and include 3 lines of 20 characters per line. The 8"x 8" bricks are only \$199 and include 6 lines of 20 characters per line.

If you are interested, please stop by the Treetop Toys gift shop and fill out a Brick Order Form. For more details, or to order by phone, please contact Estela Gomez at (714) 953-8555, ext. 13.



Wish List for the Santa Ana Zoo

The Santa Ana Zoo is always looking for useful donations that can help our wonderful animals. So, while you're cleaning out your house or replacing old items, kindly keep your local Zoo in mind.

Current items of need:

Wire Cutters, 26" Hand Saw, Post Hole Digger, Vise Grips, 24" push broom.

Plants for outside exhibits; must be boxed and transported to the Zoo.

Portable pressure washer, 2600 psi

Extension cords, towels, pruners, hedgers, exacto knives, poop scoops, leave rakes, spade shovels

Laser printer/scanner.

If you'd like to help out, but you don't have any extra items lying around, you can also help by purchasing the items new from the website Wish List at: <http://www.santaanazoo.org/supportus.php?cat=wishlist>

Family Adventures Reservation Form

Parent Name _____

Child(s) Name(s) _____ Age(s) _____

Child(s) Name(s) _____ Age(s) _____

Complete Mailing Address / Street / Apt.# _____

City / State / Zip Code _____

Home Phone Number(s) — very important _____

Name and Date of Workshop _____

Number of Spaces Reserved _____

Total Amount of Check: \$ _____
Make Check Payable to
CITY OF SANTA ANA

Please mail Reservation Form and Payment to:

Education Department
Santa Ana Zoo at Prentice Park
1801 E. Chestnut Avenue
Santa Ana, CA 92701



Animal Trading Card

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