



Santa Ana  
**ZOO**  
AT PRENTICE PARK  
HOME OF THE 50 MONKEYS

New births and acquisitions are always an exciting event for guests and staff alike. Countless hours of research, coordination and preparation go into each new arrival. New additions play important roles in the conservation and survival of species and the satisfaction from contributing to each species is priceless. In 2017, there seems to have been a color theme of black, white and orange including 3 sets of twins from 2 endangered species!



Golden-Headed Lion Tamarin Twins  
Born: April 2017

Black-and-White Ruffed Lemur  
Born: 05/18/2017



Golden-Headed Lion Tamarin  
Born: June 2017

Golden-Headed Lion Tamarin Twins  
Born: September 2017



Ocelot Twins  
Born: 08/20/2017

Troupial  
Acquired from Minnesota Zoo: 08/2017



# INTRODUCTION

Since our last report, we're pleased to announce many accomplishments that have come together, all thanks to you!

The Brazilian Ocelot Habitat continues to prove to be one of the Zoo's most popular exhibits! The habitat's design to facilitate breeding of these endangered cats is working very well as we have witnessed the birth of three babies already. The first male born was sent to the Los Angeles Zoo to be a part of a species survival plan, which expands the population of ocelots and is part of a conservation program to perpetuate a line of genetically diverse ocelots, ensuring their long-term survival. We are most excited about the recent birth of twins, a brother and sister, who have been frolicking in their Zoo home.

Announced last year were plans for a Ferris Wheel, and we are pleased to say the construction of the 64-foot "Fifty Monkey" Ferris Wheel has been completed. We are the first Zoo in the United States to put in a permanent thatched-roof style wheel. Nestled between the Zoofari Express Train and the Conservational Carrousel, the Fifty Monkey Ferris Wheel is the perfect addition for this local Zoo, giving a total of three child-friendly attractions to be shared and enjoyed by all ages. Ticket sales from these ride attractions help considerably to provide funds to FOSAZ to assist with Zoo education programs, maintenance, and exhibit modifications and improvements.

The City officials voted in the new Master and Strategic Plan for the Zoo this year. FOSAZ was involved in the meetings with consultants, City, and Zoo staff to provide input for the design team. The Master Plan defines the exhibits, infrastructure, and associated facilities such as an animal hospital and quarantine units. The first upgrade will be to the Amazon's Edge area, converting it to a giant river otter habitat, which will also include Primate Trails, and an adjacent habitat for the howler monkeys that currently reside in Amazon's Edge.

Here's a tip for your next zoo visit. **Disconnect electronically and connect with nature. Observe animals, read the educational graphics, enjoy the peaceful landscaped oasis as you stroll through the Zoo, but most importantly, share the experience with your family and friends.**

The staff and board members of FOSAZ are extremely grateful for the continued support of you, our supporters. You are instrumental to FOSAZ's commitment to advancing goals of conservation, education, and family recreation. We hope that a visit to the Santa Ana Zoo instills some passion for the natural world and what must be done to preserve it for the generations to come.



RON GLAZIER  
Santa Ana Zoo Director, Retired  
FOSAZ Advisory Board Member



CATHI DECKER  
FOSAZ Executive Director



**“The Santa Ana Zoo, through fun, adventure and learning, empowers the community to save wildlife and wild spaces.”**

The heart of the Santa Ana Zoo is its wonderful animal collection. Studies have shown that the main reason people visit zoos is to see and connect with the animals. It is no mystery that many of our visitors form special connections to our animals and come again and again to see their favorite friends. To maintain an interesting and compelling collection requires a team of animal care professionals who work tirelessly to provide our animals and guests with a special experience.

This year staff from the Zoo, City of Santa Ana, and Friends of Santa Ana Zoo embarked on the development of a new Zoo Master Plan. This document will guide the future development of the Zoo, setting goals and benchmarks for the next 20 years. A key part of this plan is maintaining the best care for our animal collection while maintaining a diverse collection for species conservation, guest experience, and education. The new master plan acknowledges current challenges and opportunities for institutions of our size while honoring our historic primate focus.

There are many functions and disciplines focused around our animal collection. The most obvious focus is on the basic daily care of the animals, which involves: cleaning of exhibits, feeding animals, operant conditioning and training for efficient and effective animal management, and enrichment of their environment to stimulate natural behaviors. Veterinary care is provided by a team of veterinarians with exotic animal experience who work with our staff and utilize a network of veterinary specialists and technicians to ensure our animals are healthy and thriving.

Other disciplines involve design and construction of exhibits to provide the essential requirements of the animals’ natural environments and at the same time present animals to the Zoo visitor in a naturalistic setting. Signs and interactive graphics are used to educate and enlighten the public about the amazing diversity, natural history, conservation efforts, and behaviors of the animals in the collection.

As we look to the future, many animal species will be moving to new and improved habitats allowing for the renovation of some of the oldest exhibits in the Zoo. With the renovation of the Amazon’s Edge come new experiences for our staff and guests. South American Giant River Otters will swim through under-water viewing areas and play on the sandy island while Howler monkeys and other primates climb through new, mature trees and enclosed primate trails along the top of the waterfall. Having an aquatic species presents new and exciting opportunities for education and conservation partnerships, some of which are already underway! Guests will get to experience scientific observation and contribute to field research happening in the otters’ native habitats while watching our excellent animal care staff work with these ambassadors for their species.

The animal collection is reviewed periodically with respect to advancing the Zoo’s mission, conservation, and education purposes and appeal to the Zoo visitor. However, the utmost consideration is given to ensure that we are providing the best care for the physical and psychological well-being of the animals entrusted to our care.



# ZOO EDUCATIONAL PROGRAMS

**Student Visitors:** Students from throughout Orange, Los Angeles, Riverside and San Bernardino Counties visit the zoo for a variety of educational experiences. Each year over 12,000 students in PreK through 4th grade become Zoo Explorers or Ornithologists as they meet Ambassador Animals and explore the zoo animals focusing on topics including adaptations and habitats. School group with younger students can use activities available on the Zoo's website to enhance their visit. Groups of older students enjoy visits focusing on primate observations, biodiversity, environmental education and visual arts, including photography, drawing and sculpting.

Schools can also receive a visit from the zoo through the "Zoomobile" presenting interactive programs for classes and assemblies. This popular outreach program visits over 30 schools within 30 miles of the zoo each year.

Scholarships from donors help bring more programs to local schools each year, reaching over 100 students with low or no-cost programs in 2017.

**General Zoo Guests:** Visitors of all ages enjoy our weekend "Critters for Conservation" animal presentations in the Conservation Education Theater. Over 25,000 Zoo guests meet Ambassador Animals up close in these fun and educational presentations with conservation, adaptation, and seasonal themes.

**Scout Programs:** The Scout Safari program takes local Girl Scouts (Daisy, Brownies and Juniors) and Cub Scouts (Lions, Tigers, Wolves and Bears) on a zoo-wide exploration. These young Scouts, over 500 annually, discover scientific classification with our Ambassador Animals, explore the habitats throughout the zoo with a scavenger hunt, investigate endangered and extinct species and brainstorm ideas for conservation of these species and their homes.

Each year older Boy and Girl Scouts return to the zoo to complete their service projects to achieve the highest awards in scouting. In 2017, Eagle Scout and Bronze, Silver and Gold award projects were completed by local scouts.

**Zoo Summer Camp:** In conjunction with the Discovery Cube, Orange County, week-long day camps provide hands-on experiences for children. The Zoo and You (ages 5 – 6 years) and the Zoo Camp program (ages 7 – 10 years) provide memorable experiences for over 150 students during the summer sessions based on popular story books and zoo careers. These popular camps are being re-designed for 2018.



## EDUCATIONAL SPECIAL EVENTS:

Every special event is an opportunity for fun, celebration and education. Themed animal enrichment, information stations, scavenger hunts, crafts, activities and animal presentations all connect guests to animal science in special ways. Among our events with significant educational elements are:

**Membership Appreciation Day:** Each February, Zoo members enjoy an Ocean Adventure on a special day when the Aquarium of the Pacific comes to visit. Visitors interacted with sea creatures in the Aquarium on Wheels while learning the importance of ocean conservation through craft, games, and animal stations.

**Party for the Planet:** The third Sunday in May brings this celebration of Earth Day and Endangered Species day to the Zoo. This truly collaborative event highlights local conservation projects, endangered species, and the conservation of natural resources.

**World Oceans Day:** In June, guests come to the Zoo to explore the ocean as a habitat, the plants and animals that live there, and what they can do to help keep the heart of our planet clean and healthy. This event provides a reminder that we are all connected and that every day changes can make a world of difference.

**National Chemistry Week – Chemistry Day at the Zoo:** An October Sunday brings this award winning event to the Exploration Outpost with various interactive chemistry displays for the public along with a special chemistry show.

## VOLUNTEERS:

Each year over 175 dedicated volunteers donate over 5,000 hours to their zoo. Volunteers from ages 12-90 help present school, scout and conservation programs as educators and animal handlers. Guests enjoy regular interactions with volunteer greeters at the front gate, interpreters at exhibits throughout the zoo and volunteer Farm Monitors facilitating goat and sheep feeding and brushing as well as replica cow milking in the Crean Family Farm. All of these opportunities enhance the Zoo visitors' experience while providing personal, educational experiences.

**Professional Development:** As the Southern California headquarters for Project WILD (Wildlife in Learning Design), the Santa Ana Zoo provides conference presentations and training workshops for formal and informal educators. This series of internationally recognized curriculum and activity guides help teachers connect their students to wildlife both inside and outside the classroom while fulfilling education standards. Since joining Project WILD in November 2014, over 50 facilitators and 500 educators have been certified. Most recently, zoo staff have contributed to the curriculum revision and standards alignment for the Project WILD K-12 Guide, being released early 2018 by the Association of Fish and Wildlife Agencies.

**Community Outreach:** Staff and volunteers reach out to the community with information and activity exhibits at school fairs, career days, civic groups and special events. Every year over 10,000 people are reached through community events presented by the City, local library and community organizations allowing us to connect to those who may find it difficult to visit the zoo in person or aren't familiar with the zoo.

## CITY OF SANTA ANA

### ZOO STAFF

Ethan Fisher, Zoo Manager  
Ray Cospser, Zoo Curator  
Lauren Bergh, Education Specialist  
Jenny Walker, Zoo Keeper II

### CITY HALL

Gerardo Mouet, Executive Director  
Parks, Recreation and Community Services Agency  
Suzi Furjanic, Public Works

## FRIENDS OF SANTA ANA ZOO

### BOARD OF DIRECTORS

David Exline, President  
Michele Levison, Vice President  
John Harper, Treasurer  
Armando Armenta, Secretary  
Lori Babcock  
Roseanne Bye  
Edward Carroll  
Maureen Cronin  
Curtis Farrell  
Howard Hall  
Nathan Hiittle  
Patricia McClendon  
Meredith McCombs  
Patti Mickey  
Jane Olin  
Scott Patton  
Jon "Rip" Ribble  
Marie Rourke  
Dee Thomas

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Crean Family  
Kathleen Edman  
Dr. Judy Fluor-Runels, PsyD  
Ron & Joyce Glazier  
Allen & Jennifer Goh  
Tom & Debbie Newmeyer  
Kristeen & Tim Stolo  
Bill & Donel Wiles



### FOSAZ STAFF

Cathi Decker, Executive Director  
Vanessa Anderson, Office & Accounting Manager  
Kevin Jackson, Director of Operations  
Tom Decker, Director of Technology & Communications  
Paris Devantier, Volunteer & Event Assistant  
De'Jean Lark, Assistant Manager & Inventory Controller  
Kathy Heyne, Assistant Manager on Duty  
Marissa Heyne, Assistant Manager on Duty  
Bryan Solis, Assistant Manager of Membership Ambassadors  
Bob Davidson, Ride Maintenance Technician



# "2017 YEAR IN REVIEW" CORPORATE CORNER

## SANTA ANA ZOO DONORS/SPONSORS FOR 2017:

### Otter Habitat at Amazon's Edge:

McBeth Foundation  
U.S. Bank Foundation  
Boeing Employees Community Fund  
Mr. & Mrs. Allan F. Rosevear  
Ebell Club of Irvine  
Lisa Hervatin  
Kevin Jackson  
Mr. & Mrs. Clark Valentine  
Ms. Michele Levison  
Ms. Patricia McClendon  
National Charity League-Orange Villa Park Chapter

### Children's Zoo:

Crean Family Foundation

### Western Pond Turtle Education Station:

Norris Foundation

### Fifty Monkey Ferris Wheel:

Susan Howe  
Mr. and Mrs. James Howe  
Gary & Cindy Matsumoto

### Conservation Carrousel:

Kovler Fund  
Ms. Maureen Cronin

### Animal Services:

Mr. Bob Tobey

### Education Department:

Robert Im (Jody Browning)

### Zoo Improvements:

Mr. & Mrs. Greg Hexberg  
Jeanette Berteia Hennings Foundation Fund  
Peregrine Pharmaceuticals in honor of Michelle Hughes  
Paul Hughes, friends and family of Michelle Hughes  
Debbie Friedman and Daniel Dunshee  
Anonymous

### Year End Appeal:

Tom & Debbie Newmeyer  
Elinor V. Schmidt  
Gordon Shigezawa  
Diane Uehlinger  
Mrs. Kathleen Edman  
Mrs. Sheila Schlee  
April Escobedo  
Jim & Barbara Reynolds  
Patti Anduri

John & Sharon Biard  
Mr. & Mrs. Donald Carson  
Mrs. Patricia Chambers  
Dantas Family  
Exline Design & Architecture  
Timothy Hopkins  
Mr. & Mrs. Stephen C. Jones  
Leslie E. Kerr  
Debra Karlin

Charlotte Shamlin  
Ms. Martha Treadway  
Sarah Daniel  
Jeffrey & Jodie Hathorn  
Mr. Alan E. Kobernat  
Tom & Nancy Lutz  
Steven Sarandis  
Alven Pedersen

## ZOOFARI "SILVER ANNIVERSARY" UNDERWRITERS:

### Brown Headed Spider Monkey

- Del & Carole Stagg
- Tom & Debbie Newmeyer
- Anonymous

### Cotton Top Tamarin

- Kathleen Edman
- Janet Ford
- Barry & Cathi Hofstetter
- Knowlwood Enterprises, Inc.
- Wermers Properties

### Red Handed Tamarin

- Alan & Juanita Doby
- Tim & Lin McCool
- John & Donna Miller
- Clark & Susan Valentine
- Donel & Bill Wiles

### Squirrel Monkey

- Devon & Jolene Dougherty
- Joann Driggers & Steve Collier
- Larry & Sarah Dunkel
- Steve & Dannielle Schmidt
- Laurie & Bob Stewart

### Pygmy Marmoset

- David Dobos
- Mary & Bob Exline
- Gary & Milli Andreini
- Jerry & Carol Aspland
- John & Sharon Biard
- Richard W. Bybee
- Shari Ciko
- Gladys Bryant-Heck
- Claws N' Paws Day Spa

## DONOR LEVEL MEMBERSHIP

### SAZOO's Club

| Member Since | Member Name            |
|--------------|------------------------|
| 1/31/2004    | Dr. Judy Fluor Runels  |
| 5/30/2017    | Rachel & Marco Somoano |
| 5/31/1995    | Dr. & Mrs. Del Stagg   |
| 7/4/2013     | Mr. & Mrs. Ray Wirta   |

### Director's Club

| Member Since | Member Name                         |
|--------------|-------------------------------------|
| 2/28/1997    | Mr. & Mrs. Armando Armenta          |
| 4/6/2009     | Mrs. Lori Babcock                   |
| 10/31/1995   | Mrs. Roseanne Bye                   |
| 7/24/2017    | Mr. Edward J. Carroll, Jr.          |
| 1/20/2009    | Ms. Maureen Cronin                  |
| 4/4/2009     | Mr. David Exline & Mr. Amos Bracero |
| 12/31/1994   | Mr. & Mrs. Curtis S. Farrell        |

### Member Since

|            |                                    |
|------------|------------------------------------|
| 11/30/1994 | Mr. & Mrs. Howard D. Hall          |
| 1/31/1999  | Mr. John Harper & Mrs. Judi Curtin |
| 7/12/2015  | Ms. Michele Levison                |
| 2/23/2006  | Ms. Patricia McClendon             |
| 5/20/2017  | Meredith McCombs                   |
| 3/21/2008  | Ms. Patricia L. Mickey             |
|            | Ms. Jane M. Olin                   |
| 7/31/2005  | & Mr. Timothy J. Jerkovich         |
| 1/30/2006  | Mr. and Mrs. Rip Ribble            |
| 2/11/2013  | Marie Rourke                       |
| 6/27/2009  | Mrs. Kristeen Stolo                |
| 8/1/2005   | Dee Thomas                         |

### Member Since

| Member Since | Member Name                        |
|--------------|------------------------------------|
| 8/23/2010    | Mr. & Mrs. Donald L. Abrams        |
| 8/8/2015     | Dr. C. Carroll Adams & Mr. Ed Hogg |
| 10/31/1995   | Mr. & Mrs. Ronald Barlet           |
| 5/31/1998    | Mr. & Mrs. Mark Berman             |
| 9/6/2011     | Dr. Royden Hobbs                   |
| 8/17/2006    | Cathi & Barry Hofstetter           |
|              | Mrs. Jan Homan                     |
| 4/30/1997    | & Mrs. Karen Audibert              |
| 11/30/2003   | Mr. Timothy W. Hopkins             |
| 1/31/1997    | Mr. & Mrs. Michael Macres          |
| 7/31/2001    | Mr. Michael A. McLean              |
| 11/30/1994   | Ms. Laura Myers & Mr. Tom Pistone  |
| 3/31/1998    | Mr. & Mrs. Joseph Plunkett         |
| 2/24/2006    | Christine Smith & Henry Smith      |
| 4/30/1999    | Mrs. Diane Stern                   |

We regret if any of our patrons were excluded from these listings.  
If you feel there is any error in recognition, please contact the FOSAZ office at 714-953-8555.

# 2017 FISCAL FINANCES of FOSAZ

## Cash Balance YE 2017

OC Foundation \$705,528  
Restricted \$471,161  
Unrestricted \$506,746  
Total \$\$1,683,435

NET \$135,514  
FUNDRAISING  
DONATIONS

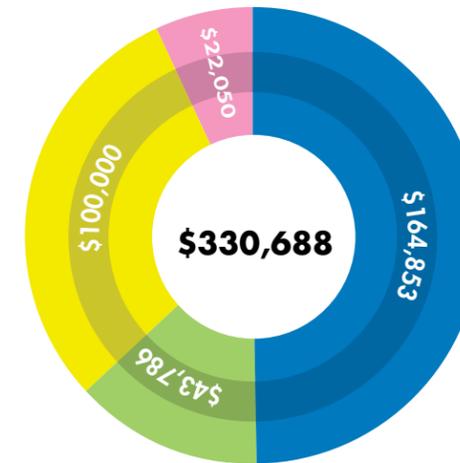


NET \$91,239  
DIVIDEND AND  
OTHER INCOME

## Footnote:

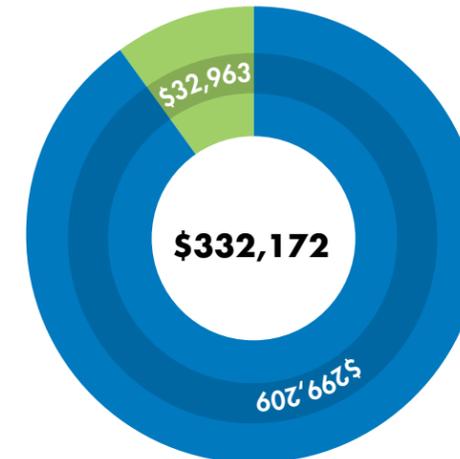
\*Unrestricted/Restricted Grants for Capital Improvements are funded through donations, grants, unrestricted and restricted revenue (short term projects take < 12 months and long term projects may take 1 to 3 years or greater depending on size of project).

\*Funds for each Capital Improvement project are not released until the total funding of project on deposit is sufficient to complete at 100% of cost with a 10% cash reserve for cost overruns.



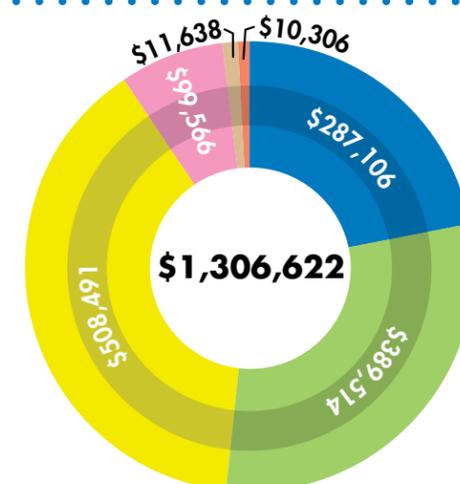
## RESTRICTED/UNRESTRICTED FUNDS FOR CAPITAL IMPROVEMENTS

UNRESTRICTED DONATIONS/  
ZOO CAPITAL IMPROVEMENTS  
RESTRICTED REVENUE  
FOR CAPITAL IMPROVEMENTS  
RESTRICTED GRANTS  
OTHER



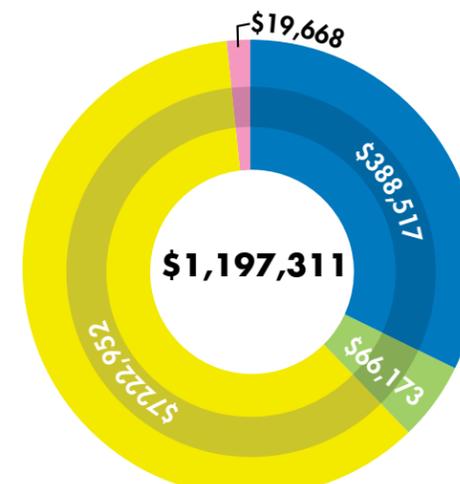
## IMPROVEMENTS

CAPITAL ZOO IMPROVEMENTS  
UNRESTRICTED  
ZOO IMPROVEMENTS  
RESTRICTED



## OPERATING REVENUE

GIFT SHOP  
RIDES  
MEMBERSHIP  
RENTALS  
CONCESSION  
OTHER



## OPERATING EXPENSE

G&A  
MARKETING  
OPERATING EXPENSES  
PROGRAM EXPENSES

Our rides at the Santa Ana Zoo are one of our biggest revenue resources, currently bringing in close to \$300K every year to help the Zoo. They provide children and adults alike with an enjoyable experience and also offer educational information about the animals for those wishing to explore the Zoo further on foot.

In 1999, the Zoofari Express Train ride opened traveling around the Crean Family Farm and into the northern end of the Zoo, allowing for a behind-the-scenes view of the farm and pampas animals, guanacos and rheas. Our two trains are electric and environmentally friendly and the engineers give an educational (with a bit of humor) spiel about the animals, conservation and upcoming Zoo news.

In 2008, the Conservation Carrousel joined the train ride doubling our ride income. Guests have their choice of riding one of 30 wildlife animals, including Endangered Species, a giant anteater designed especially for our Zoo, an ADA compliant swan chariot and a spinning nest where children can control how fast they spin. All riders receive an educational collector's card with animal facts as they exit the carrousel.

This year the ride ticketing system changed to \$1.50 per ticket with the Carrousel taking 2 tickets, Train 3 tickets and future Ferris Wheel 4 tickets. Members can purchase discounted ride ticket books.

Opening in 2018, the Fifty Monkey Ferris Wheel will be the first permanent thatched-roof style wheel to be put into a Zoo in the United States. Nestled between the Train and the Carrousel, the Fifty Monkey Ferris Wheel is the perfect addition for this local Zoo giving a total of three child-friendly attractions to be shared and enjoyed by all ages.

The 64-foot Wheel soars at the entrance to the Crean Family Farm, placing a signature stamp onto this family favorite area. Uniquely designed to spotlight the Santa Ana Zoo's Fifty Monkey heritage, each fully-contained gondola features a unique endangered monkey, furthering the Zoo's dedication to the education of environmental conservation through the preservation of endangered species. Educational graphics telling the story of Joseph Prentice and the Zoo's requirement to house Fifty Monkeys at all times in order to maintain the land are found along the loading queue-line walkway.

The Wheel is expected to welcome as many as 65,000 happy riders per year, which, together with the Train and Carrousel, will generate a projected game changing gross income total of close to a million dollars annually. Executive Director Cathi Decker applied calculations based on the "synergy of three" (incremental ride increases based on a study of when three rides are together) to compute these numbers. Net revenue will be used for Zoo improvements which enhance the Zoo for visitors and its animal residents alike.



### TREETOP TOYS GIFT SHOP

Netting close to \$50K annually, the Gift Shop offers guests an opportunity to take a piece of their Zoo experience home with them. Fun and educational zoo themed toys and gifts are available to choose from. Our ever-expanding line of custom logo and mascot merchandise makes Treetop Toys a unique shopping experience. Revenue from each sale goes back into Zoo improvements and conservation projects. Guests may even add "a dollar for a holler" donating directly to conservation.

### PARTY RENTALS

FOSAZ manages the party rental program at the Zoo, netting over \$50K annually. Guests may select from four unique and exciting locations to host their gathering. We help to provide a memorable experience for the guests as well as raise revenue to help with Zoo improvements.

### SPECIAL EVENTS AT THE ZOO

The Friends of Santa Ana Zoo hosts some of the most popular events for families in Orange County! They are integral to the community and provide an affordable, fun and educational time at the Zoo. Events bring close to \$50K in net revenue, and on top of that, they increase new membership sales and ride and gift shop revenue.

### FAMILY EVENTS

The Zoo Birthday in March features miniature trains, provided by our partnership with Del Oro Pacific Railroad Club, entertainment, crafts, treats and animals for a fantastic weekend! In the summer we host a concert series, Sunsets at the Zoo, on the amphitheatre lawn where guests can picnic, enjoy music, create crafts and experience animals up-close and personal. Also we have added an increasingly popular "Brew at the Zoo" beer tasting aspect for an additional donation to the Zoo. Boo at the Zoo is the county's most popular trick-or-treating event for small children, providing a "merry not scary" theme and educational nocturnal animal presentations.

### DREAMNIGHT AT THE ZOO

The Friends of Santa Ana Zoo staff and animal keepers host an annual event that gives directly back to children living with life-threatening conditions. Families from CHOC and Make-A-Wish Foundation are invited to a private after-hour's event where they can meet the animals up-close and personal and enjoy entertainment, dinner and rides for the family, all at no cost. This is our chance to share our Zoo with these special families.

### ZOOFARI - BLACK-TIE GALA FUNDRAISER

Every August, FOSAZ holds our biggest fundraiser of the year. It is a black-tie gala dinner/dance with a silent and live auction that raises over \$100K for Zoo improvements, this year for the Otter Habitat and Primate Forest.

### FRIENDS OF SANTA ANA ZOO MEMBERSHIP PROGRAM

The FOSAZ Membership Program brings in over \$300K every year in net revenue to help the Zoo. It is a valuable opportunity for participants to visit the Zoo throughout the year at no additional cost. Members' benefits also include being able to visit over 150 other zoos at no charge or for reduced fees, experience discounts at the Gift Shop, rentals and events as well as receive the Animal Tales newsletter. Membership Appreciation Day held in February of every year is a special time for members to come to a private party with an educational ocean theme.

A steady increase in membership over the years has brought us to over 6000 households. Membership Ambassadors greet members at the gate, usher them through a private entrance and present them each with the coveted Member Sticker to wear throughout the day. The staff also focuses on selling memberships to non-member guests with a challenge to break daily, monthly and yearly goals and takes pride when accomplishing them.



## CONSERVATION:

a careful preservation and protection of something; especially: planned management of a natural resource to prevent exploitation, destruction or neglect (Miriam Webster)

The Santa Ana Zoo is committed to the conservation of species and their habitats. We recognize that the decisions we make every day effect the world's environments and encourage our guests to join us in making the world a better place for future generations of people and animals. Zoo guests show support for our efforts with each visit by participating in our conservation projects and programs.

## CONSERVATION OF SPECIES

All of the animals are ambassadors for their wild counterparts. Many of our exhibited species are part of Species Survival Plans (SSPs), comprehensive breeding programs that ensure the development and maintenance of sustainable populations in captivity. Ensuring genetically diverse populations under human care allows individuals to be returned to the wild and that animals from the wild do not need to be taken for the sake of a collection.

The Santa Ana Zoo currently participates 24 SSPs which include: Black-and-White Ruffed Lemur, Ring-tailed Lemur, Pygmy Marmoset, Cotton-top Tamarin, Bearded Emperor Tamarin, Golden Lion Tamarin, Golden-headed Lion Tamarin, White-faced Saki Monkey, Spider Monkey, Southern Black Howler Monkey, Crested Capuchin, Guereza Colobus Monkey, White-handed Gibbon, Ocelot, Binturong, Giant Anteater, Three-banded Armadillo, Two-toed Sloth, Crested Porcupine, Greater Rhea, Trumpeter Hornbill, Sunbittern, Pancake Tortoise, and Spectacled Owl.

Most recently, examples of the success of these Species Survival Plans can be seen in our contributions to the populations of golden-headed lion tamarins and Brazilian ocelots. The Santa Ana Zoo currently exhibits approximately 25% of the golden-headed lion tamarins in human care, which guests observe in four different exhibits as the family grows. Our Brazilian ocelot kittens are growing up and will soon be starting their own families, passing on the genes of their father (who has wild genetics himself) and their mother (who is scientifically significant as a product of in-vetro fertilization).

Species conservation is not just about exotic animals, but domestic species as well. Many animals exhibited in the Crean Family Farm are rare breeds, representing species that are historically significant to agriculture and animal sciences. Rare breeds currently residing at the Zoo include: Navajo-Churro Sheep, American Jacob Sheep, Guinea Hog, Dexter Cattle, Exmoor Pony, Slate Turkey, American Buff Goose, Houdan Chicken, and Crevecoeur Chicken. Working with the Livestock Conservancy and local historical organizations provides unique education opportunities for our guests and preservation of species unique to animal history.

## CONSERVATION OF RESOURCES

The Zoo is always working to decrease our environmental impact by incorporating "Green" practices into our daily operations in order to promote conservation as a lifestyle while protecting natural resources. This approach involves four main objectives: 1) reducing the resources used, 2) recycling when feasible, 3) using recycled products when possible and 4) promoting a sustainable lifestyle.



## Both guests and staff contribute to these conservation efforts through:

- Designing and planting landscapes to minimize water use. Minimizing turf areas.
- Using only organic fertilizers.
- Composting all vegetative materials and mulching for water retention and weed control.
- Installing waterless urinals, sensor-operated faucets, toilets and urinals to minimize water consumption.
- Using hand dryers to reduce paper waste.
- Conducting energy audits and retrofitting 90% of lighting to low energy LED and fluorescent bulbs.
- Covering the overflow parking lot with ground roadway waste (old asphalt roads) to eliminate particulate air pollution (dust) and rainwater runoff.
- Incorporating environmentally friendly and sustainable building materials and products.
- Continuing our on-site recycling programs for batteries, cell phones, ink cartridges, six-pack rings, office paper, and packing popcorn.
- Utilizing recycled materials for crafts and lessons in our education programs.

## CONSERVATION PARTNERS

Since 2014 the Zoo has been partnering with the United States Geological Survey (USGS) through their Western Ecological Resource Center (WERC), expanding our participation in local, regional and national conservation programs. As the location of this research station, a branch of the US Department of the Interior, their staff share the use of our pathology laboratory, teaching/meeting rooms, and participate in Zoo events including the Annual Party for the Planet.

Through this partnership, the Zoo is now home to Western Pond Turtles (visible in the Colors of the Amazon Aviary) with a play and education station in design. Guests can also get a peek into a research lab through the Frog Pod, through which zoo staff will be contributing to the conservation of the Mountain Yellow-Legged frog, a local endangered species. If the Frog Pod looks familiar, it is because it was constructed from a repurposed shipping container.

## CONSERVATION EDUCATION

Conservation is at the heart of all education programs at the Zoo. From school groups to interpretive signage and special programs with our education partners, engaging the mind is the key to engaging the heart towards the conservation of species and natural resources.

### Current conservation education efforts include:

- Developing strong conservation action messages for all of the public animal presentations presented in the Conservation Education Theater.
- Conservation themed signs throughout the zoo to showcase conservation efforts.
- Incorporating into all of our education programs the AZA Conservation Messages developed by the AZA Conservation Education Committee.
- Utilizing the California Environmental Principles and Concepts, the foundation for the California State mandated Model Curriculum for environmental education, in the development of all school-based curricula.
- Actively participating in conservation education networks including the California Regional Environmental Education Community (CREEC), National Network for Ocean and Climate Change Interpretation (NNOCCI), and National Association for Interpretation (NAI) all of which work towards environmental education and connecting individuals with the natural environment.
- Working with the Boy Scout Council of Orange County, Girl Scouts of Orange County and San Geronio Council, and local schools and school districts provides opportunities for career exploration and internships for local students.



# WHAT **FOSAZ** MEANS TO THE SANTA ANA ZOO

## In the past six years; FOSAZ has funded the following capital improvements for the Santa Ana Zoo:

- Ocelot Exhibit & Educational Center [\$500K]
- Synthetic Thatching Roof Project [\$124K]
- Pavement Replacement throughout the Zoo [\$75K Grant]
- Aviary filtration renovation [\$63K]
- Train System Upgrades (Now we can operate two trains!) [\$60K]
- VIP Cart for Handicapped and Cart Parking Structure [\$40K Grant]
- Crested Capuchin Holding Area Project [\$35K]
- Paid-off City's lease for the Animal Hospital Trailer [\$31K]
- Tierra, Train & Carrousel Fence Repair [\$30K]
- Bobcat Tractor [\$20K]
- Conservation Corner - Structural Support "OutRiggers" Replaced [\$15K]
- Eagle Bunker [\$12.5K]
- Primate Heater [\$12K]
- Silver Langur Howdy Cage Project [\$12K Zoofari Live Reverse Auction]
- Camel Scale [\$11.6K]
- Education Farm Graphics [\$10K]
- Zoo-wide Public Address "PA" system [\$10K Grant]
- CET Hand-washing Station [\$10K Grant]
- Talking Frog [\$10K Grant]
- Educational Tables & Chairs for the Barn Classroom [\$10K Grant]
- Tools Library [\$7K]
- Carrousel Fencing [\$5K]
- Amazon's Edge Demolish Roof & Stop-gap Deck Improvements [\$4.6K]
- Amphibian Pod [\$4.5K]
- Gift Shop Security Cameras [\$4K]
- Amazon's Edge - Structural Engineering Report [\$3.5K]

## FOSAZ also funds the following ongoing operational programs:

- Maintenance Services [\$60K Annual]
- Veterinarian Services [increased to \$60K annual supplement]
- Marketing, PR, Website [\$60K Annual]
- 10% of Operational Funds to City [\$40K Annual]
- Education Coordinator [\$40K Annual]
- Special Event Services [\$20-30K Annual]
- Rides Maintenance [over \$17K in 2016]
- Zoo Restroom Cleaning and Portable Restrooms [\$12K Annual]
- Federal Empowerment Zone



# PATHWAYS TO THE FUTURE

On Tuesday, March 6, 2018, the City of Santa Ana Mayor and City Council voted unanimously for a new Master & Strategic Plan, providing the Zoo with a clear vision toward an exciting future for our urban oasis.

On April 21, 2018, the Grand Unveiling of this new Master & Strategic Plans was revealed to the general public, allowing attendees to catch a glimpse of designs for the future of the Santa Ana Zoo.

CLR, the design team for the Master Plan, was on hand to detail the ambitious plans with concept drawings and colorful photos of how the Zoo will transform over the next twenty years. Guests were able to experience this vision for the future of the Zoo as it marches toward its 75th anniversary with the planned new additions and upgrades to current habitats.

Cathi Decker, Executive Director for the Friends of the Santa Ana Zoo, spoke, saying that "FOSAZ is excited to work with the City in finding funding for the Zoo's new Vision. Our Board Members have given full support to the new plan and look forward to seeing it through to completion."

Watch out for exciting things happening at Your Zoo! And none of it would be possible without your continued support!

## THANK YOU!

