

FRESNO CHAFFEE ZOO





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 (California sea lion - Sea Lion Cove)



Photo by 2012 ZOOM Contest participant, E. Bedard

FROM THE DIRECTOR'S DESK

2012 was an amazing year for Fresno Chaffee Zoo! We saw a record number of visitors (580,266), a record number of memberships (12,300+), the opening of Sea Lion Cove, and the designs take shape for African Adventure. We have our great community to thank for all of these successes. Sea Lion Cove and African Adventure are made possible through the generous support we receive from Measure Z. The increases in attendance and memberships are evidence of how much our community appreciates and supports having an excellent zoo to enjoy with family and friends.

We have a tremendous team, dedicated volunteers and docents, incredible animals, beautiful new exhibits, and great relationships with the City, County, and Zoo Tax Authority Board. We also have many excellent partnerships throughout our community. We're very grateful for all of these.

Fresno Chaffee Zoo's success will continue in 2013. We'll complete design and break ground on African Adventure, bringing back lions, cheetah, rhinoceros, and more to Fresno. For the first time we'll have meerkats and a breeding group of African elephants. Our African spotted-necked otter exhibit opened this spring, and a spectacular king cobra exhibit will open in summer. Both of these are new species to Fresno Chaffee Zoo. We'll also begin design of a water play area near Dino Dig, opening in 2014.

I'll finish with one of my favorite quotes:

Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do. So throw off the bowlines. Sail away from the safe harbor. Catch the trade winds in your sails. Explore. Dream. Discover. - Mark Twain

We hope you continue to explore, dream and discover with us.

- Scott



Scott Barton, CEO/Zoo Director

FRESNO CHAFFEE ZOO

MISSION

*To inspire wonder of our natural world,
 provide an engaging learning environment,
 and create a passion for conservation.*

ANIMAL COLLECTION

2012 Highlights



The Mammal department was busy in 2012 moving animals to new exhibits and renovating old ones. Once construction for Sea Lion Cove began, there were several animals that needed to be relocated in order for the new exhibit to be built. The camel, fennec fox, and prairie dogs were moved to the other side of the zoo. Of these three, the camel proved the most time-consuming. He had to be trained in advance to walk comfortably on a harness. Once he became used to walking around the zoo, he was easily taken over to his new home in the giraffe yard. After the seal and sea lions were settled in at Sea Lion Cove, staff began preparing their old exhibit for the arrival of African spotted-necked otters. Although the opening date for the otter exhibit was a long way off, work had to start quickly on the renovation. The zookeepers in the Mammal department began working alongside management to build a great new home for the otters.

Between all the planning and moving of animals, zookeepers also watched as the two orangutan babies—Labu and

Ndari—grew bigger in their second year of life. They may seem small, but the babies have huge personalities that really began to shine through in 2012. The two became more independent as the year progressed. Eventually their mothers let them stray from their arms to explore the exhibit on their own. Towards the end of the year, the babies even began to play with the siamang, Bahasa! There isn't a whole lot that's cuter than a baby orangutan rolling around with a siamang. Even though both babies are still nursing, they also began to eat solid foods, often trying to steal pieces right out of their mothers' mouths! The Mammal staff is looking forward to watching the baby orangutans grow even more in 2013.

- Megan Scholl
Keeper, Mammals

2012 welcomed many firsts for Fresno Chaffee Zoo's Reptile and Bird departments. We celebrated the birth of a blue duiker and hatchlings of spot-bellied side-necked turtles,

Iranian newts and white-faced whistling ducks. The diversity of our collection has grown with the addition of rhinoceros hornbills, Ne Ne geese, Mandarin ducks and emerald tree boas. In the past year we were able to introduce our bachelor group of Goeldi's monkey into our indoor rain forest building, Tropical Treasures, making us one of the few institutions that have free range access to new world primates. This has given our visitors the opportunity to get up close and personal with Linne's two toed sloth and Goeldi monkeys in the same building while enjoying a slice of life in the rain forest. Tropical Treasures has a new fog system installed that allows the building to become a virtual cloud forest, increasing this indoor rain forest's exhibit appeal to our guests.

- Mark Halvorsen
Assistant Curator of Birds and Reptiles

The Hoofstock section started a new Keeper Talk with our zebras. The training programs for the zebras and warthogs have allowed even better

interaction with guests as well as improved care. We welcomed a baby giraffe, Sena, and a baby red kangaroo we will name once we can tell if it is a male or female. Other achievements in the section include training our young giraffes to be comfortable in the giraffe chute and getting the adults to allow voluntary blood collections.

- Harold Mountain
Assistant Curator of Elephants & Hoof Stock

The Small Wonders area had a few changes in 2012. Two male llamas were acquired and are in training for guest interactions. They are currently walked through the zoo daily by the docents along with the elder llama, Tahoe. The two alpacas also continue to be walked through the zoo and this has proved to be a great interactive experience for guests. Four goats were added to the herd: a Nubian goat, Alpine cross and two Pygmy cross breeds. In addition, Buttercup, a jersey calf is on loan from a local dairy and continues to be a favorite of many of the

visitors to the Zoo. Buttercup is led on walks for special guest encounters several times a week.

Great changes are on the horizon for Small Wonders in 2013, including the addition of chickens, rabbits, more goats and a new name: Valley Farm.

- Nannette Driver-Ruiz
Animal Program Specialist

The elephant department participated in three research projects this past year. The first was a continuation of sample collection for a study by the International Elephant Foundation of elephant endotheliotropic herpes virus, or EEHV, a hemorrhagic disease. Whole blood and serum samples were collected from both Asiatic elephants, "Kara" and "Shaunzi".

The second project we participated in was an elephant menopause study, for which "Shaunzi" was the only participant. Serum was collected for endocrine evaluation for Dr. Janine L.

Brown who oversaw the project through the Endocrine Research Laboratory.

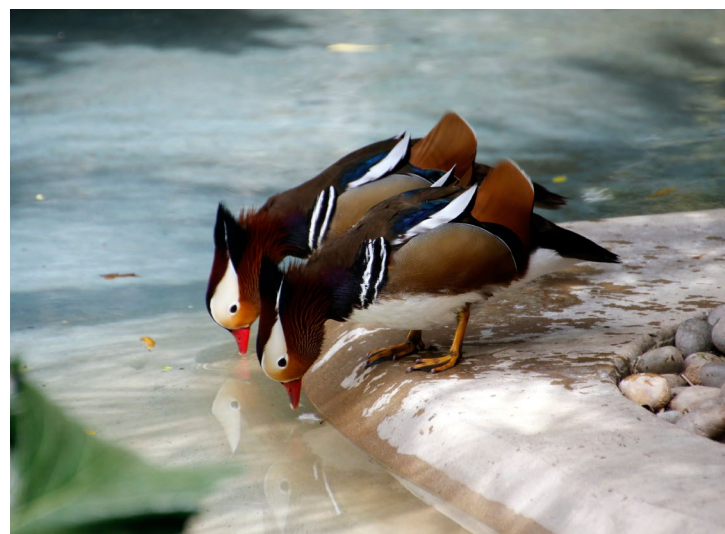
The final project, involving both "Kara" and "Shaunzi" for twelve months, had multiple components. The study, *Using Science to Understand Zoo Elephant Welfare*, involved serum and fecal samples, videotaped behavioral sessions, GPS tracking bracelets, physicals, and in-depth questionnaires as to the management of elephants in a zoo setting. This project, supported by a grant from the Institute of Museum and Library Services, involved all 290 Asian and African elephants housed at AZA zoos across the country.

Fresno Chaffee Zoo is proud to participate in projects that focus on the improved health and well-being of elephants in the wild and in zoos across the globe.

-Amber Talley
Lead Keeper, Elephants



Blue duiker born December 2012



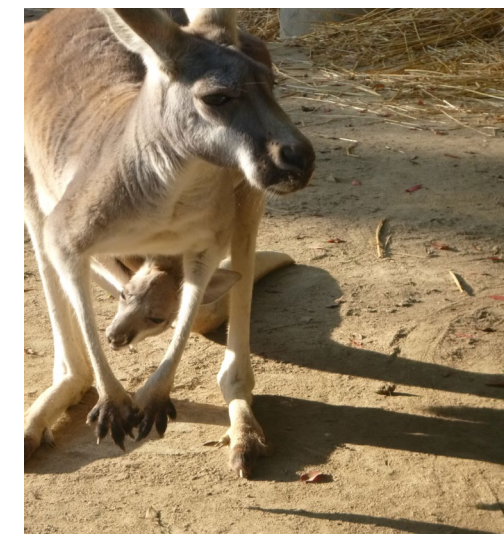
Mandarin ducks new to collection
Photo by 2012 ZOOM Contest participant,
Diane Williams



Elephant research studies
Photo by 2012 ZOOM Contest participant,
Pablo Ruiz de Chavez



Sumatran orangutan, Siabu, with baby, Ndari



Baby red kangaroo born February 2012

SEA LION COVE



O p e n s . . .



To say that there have been positive changes for the sea lion and seal program at Fresno Chaffee Zoo in the year 2012 may be a bit of an understatement. With the opening of Sea Lion Cove, a multi-million dollar exhibit which expanded the swimming area for the pinnipeds from 29,000 gallons to over 200,000 gallons and improved the guest experience to include multiple opportunities to observe the animals and an expansive underwater viewing window, Fresno now has the pleasure of housing one of the most state of the art, visually and technologically impressive and animal friendly exhibits in the country. As the lead keeper of the sea lion area, I have had the pleasure of transitioning our amazing animals from the old exhibit to the new, as well as welcoming our new arrivals, a seal and two pelicans, to their remarkable new home. This transition has been exciting and eventful to say the least, and I couldn't be more proud and delighted to be a part of it.

Allow me to take us back a year. A team of surgical specialists performed eye surgery on our 26-year-old harbor seal, Buck. The procedure was done to remove cataracts and a luxated lens, conditions commonly seen in older seals and sea lions. Thanks to the work of these specialists, our vet staff as well as our wonderful harbor seal, who patiently allowed us to give him multiple eye drops several times a day to aid in his recovery, Buck would have a clear view of his new home. Meanwhile, the sea lions were doing a wonderful job as we desensitized them

to trainers' presence in the water with them; a new concept introduced as we knew we would be getting into the water of the new exhibit for cleaning and training purposes. While Sea Lion Cove was being built at an impressive pace, we finalized every last miniscule detail to ensure the best exhibit for our beloved pinnipeds and prepare them for their move. To make the move as easy and stress free as possible, with the help of my fellow sea lion trainers, I trained each sea lion to follow me out of their old exhibit, down an aisle way, up a ramp and onto the back of a cart which would be driven to their new exhibit. Have I mentioned our pinnipeds are amazing?

Adding to the excitement of the year was the addition of the baby of our group, Ariel, a 1 ½ year old harbor seal from Albuquerque, NM, as well as Monte and Cruz, brown pelicans each at about 1 ½ years, rehabilitated from the wild due to wing injuries which left them unable to fly. These three were the first to be introduced to the new exhibit: Ariel took it on like she had been there all her life, exploring and playing like she was on a mission. The pelicans have taken longer to explore their new space, preferring at first to relax in the holding pool areas, then branching out to the lagoon and shallow end of the pool, and now finally getting comfortable at the nose to nose area. These handsome boys can often be seen sunbathing or sleeping on the many rocks which they have claimed as their own.

The first sea lion from our old exhibit to be introduced to Sea

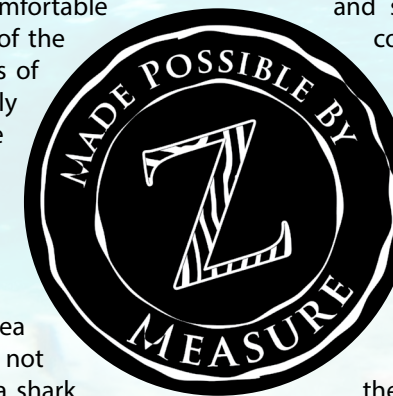
Lion Cove was Pismo, a 10 year old special needs sea lion who was blinded in the wild at 2 years of age. This introduction was slow and methodical: First she was led around the holding area and to each of the two pools behind the scenes, using a rattle and our voices to guide her. Once she was comfortable in holding, she was guided out into the water of the main exhibit, where she soon began to do laps of exploration, returning to holding periodically for comfort and reassurance. Pismo has since learned to navigate both the exhibit and behind the scenes areas on her own; a testament to her determination and brilliance. There are truly not enough words to convey how fantastic and special this sea lion is.

Following Pismo were our two 4 year old sea lion rescues: Avila, a repeat "strander" who could not make it on her own in the wild, and Catalina, a shark attack survivor with the scars to prove it. The introduction of Catalina and Avila to their new home was definitely quicker than Pismo's. These two confident girls found their way around with much enthusiasm. Buck also seemed to have a good time exploring when introduced, new to both the exhibit as well as to his new sidekick, Ariel, who from the first moment decided she wanted this handsome boy to be her new best friend. All of the pinnipeds and the pelicans have since settled in quite nicely, becoming comfortable with the exhibit and each other

as well as learning all kinds of new behaviors from their trainers and adjusting to a new routine.

Since the opening of Sea Lion Cove to the public in August 2012, my team and I have been delighted to educate and share our passion with the guests who come to see the results of the hard work of many individuals as well as the support the community has provided through Measure Z, without which Sea Lion Cove would not be possible. Also not to be forgotten are the companies which physically labored over this exhibit, our zoo directors, assistant curators and everyone else who worked on this project with fervor and care. We keepers love spreading enthusiasm about the animals that we hold so dear, and this exhibit gives us a plethora of opportunities to do so: behind the scenes tours, after hours events and upcoming pinniped interaction activities are just a few of the ways we are able to spread our message of respect and care for our oceans and wildlife. We are so proud of this exhibit and happy for our animals and community, as Sea Lion Cove has already brought so much joy to both the animals and guests. I hope to see you soon at Sea Lion Cove!!

- Sarah Romberger, Lead Zookeeper





Docent Gwen at the "Ask Me Cart."



Teen LEADERS conducting conservation related games with Zoo guests.



Teen LEADERS taking part in a clean-up on the San Joaquin River.



EDUCATION

Providing learning opportunities that inspire a connection with the natural world.

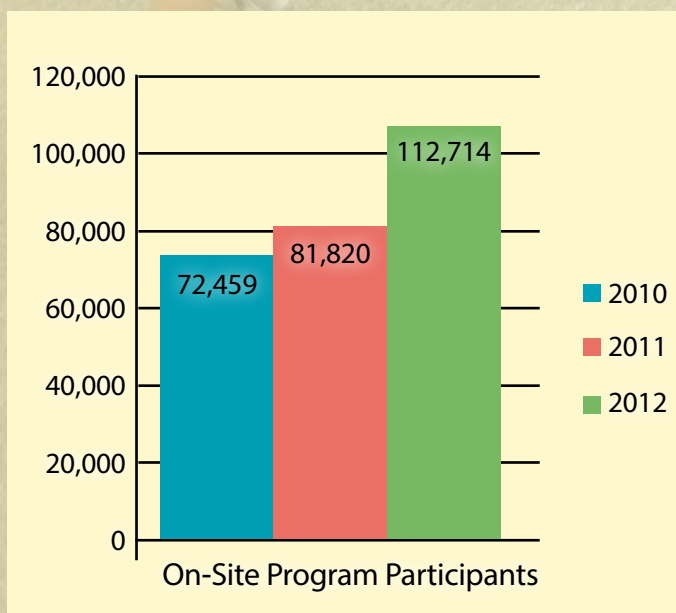
The Education department helps facilitate learning opportunities for all ages, from pre-school to adult. The zoo offers over twenty different educational programs.

Our goal is not only to share knowledge but to inspire and foster connections with the natural world. We strive to model positive conservation behavior and encourage awareness and stewardship in others.

Photo by 2012 ZOOM Contest participant, Melissa Rodriguez

2012 was a very successful year for Education at Fresno Chaffee Zoo!

- Overall participation in our on-site programs greatly expanded to reach 112,714 participants.



- In the community our Zoomobile and other outreach programs reached another 17,408 participants.
- The Teen LEADERS program grew enormously as well! The program expanded from 15 participants in 2011 to 50 participants in 2012. Teen LEADERS provided educational games and environmental conservation messaging to over 13,300 zoo guests and got 998 signatures for the Teen LEADER Pledge (6 simple conservation steps that everyone can take to help the environment).
- We were highly involved in the design and planning of interpretation for Sea Lion Cove and the upcoming exhibit expansion, African Adventure.

2012 Supporters of Educational Programs at Fresno Chaffee Zoo:

- Fresno Metropolitan Flood District
- San Joaquin River Stewardship Program
- Monterey Bay Aquarium
- The Ocean Project
- Wells Fargo
- The San Joaquin Valley Children's Health Association

If you find something people can care about, help them to care about it, and then give them the opportunity to act on it - they'll do it. - Sam Ham

Shannon Eizenga, Project Coordinator, teaching the art of theater to Zoo Adventures campers.



WHAT DO YOU IMAGINE... WHEN YOU THINK OF ADVENTURE?

TRAVEL TO DISTANT LANDS?
THE EXCITEMENT OF BEING ABSORBED IN NEW SIGHTS AND SOUNDS?
ENCOUNTERING SPECIES UNFAMILIAR TO YOU?
OR PERHAPS THE OPPORTUNITY TO EXPLORE YOUR OWN INNER LANDSCAPE AS YOU LEARN
AND GROW WITH EACH NEW EXPERIENCE?

The wonder and awe that come from total immersion in extraordinary surroundings is what Fresno Chaffee Zoo will evoke with the new "African Adventure" exhibit. This 18-acre multi-phase expansion will feature new animal species in spectacular naturalistic exhibits, opportunities for cultural discovery, interactive play spaces and engaging live interpretation for all ages. African Adventure will offer guests a wildlife experience that is unparalleled in zoos today!

A highly experienced team of exhibit designers, The Portico Group, plus local consultants, animal care experts and educators, have collaborated to create an environment that showcases the best in animal care, unique guest experiences and an enjoyable workplace for staff. The design for African Adventure sees over 80% of existing, healthy, mature trees preserved and incorporated into the site. The result will be a breathtaking landscape that is evocative of East Africa's most picturesque wildlife areas. African Adventure will be home to open mixed-species savannas filled with zebra, giraffe, antelope and rhino, woodland waterfalls occupied by a herd of African elephants, arid desert edges inhabited by meerkats, and majestic predators of the great open plains such as lion and cheetah.

Throughout the exhibit, guests will be invited to experience the animals in up-close encounters designed to inspire learning, appreciation and passion for some of the world's most charismatic creatures. One such experience takes place at a second-story giraffe feeding station where an elevated boardwalk bridge will lead guests to a round thatched-roof pavilion where they will be greeted by the long-lashed, liquid brown eyes of giraffes. It will be easy for even the smallest guest to reach up and offer leaves or treats to the tallest mammals on Earth. At the lion encounter, guests will have clear close-up views of the powerful predators as they interact with keepers in daily training sessions. At the meerkat exhibit children can play pretend and mimic the behavior of meerkats as they explore a termite-mound themed play structure, exploring and searching for "prey"-like model insects and lizards while watching live meerkats explore their adjacent exhibit. And no visit to African Adventure will be complete without time to rest and revive at the beautifully decorated safari-lodge style central café, offering a full menu of meals and treats as well as spectacular views overlooking the open savannah.

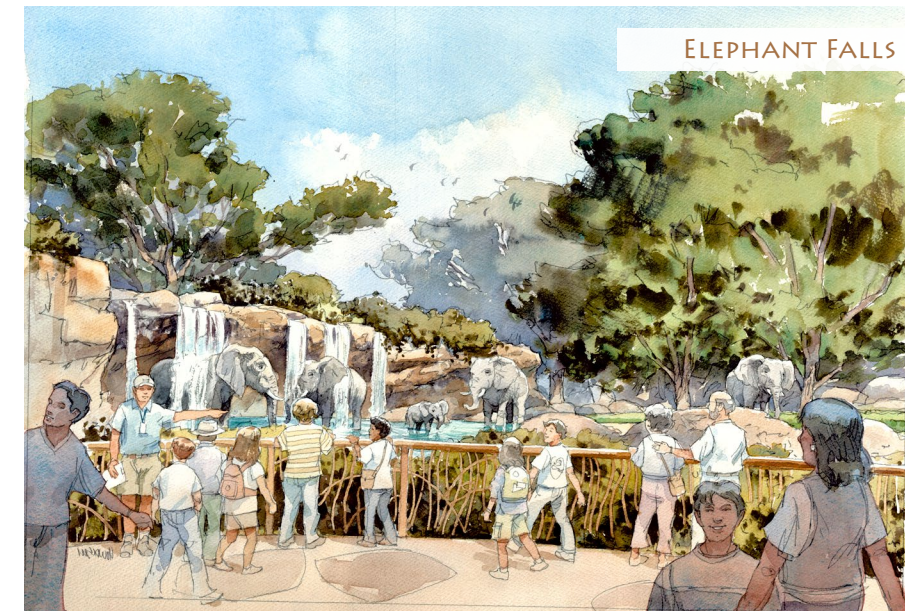
Each animal that will enjoy a new home at African Adventure will be an ambassador for its species, sharing with guests the lives, trials and incredible adaptations of its wild counterparts. Through these amazing encounters and experiences, guests will learn how

African animals coexist in their natural habitats, the importance of protecting natural resources and of conserving these magnificent animals for future generations. The animals, guests and supporters of Fresno Chaffee Zoo are deserving of the world-class experience that will be African Adventure.

So, start imagining ADVENTURE!
It will be here before you know it!
- Amber Herzog Lyman
and Shannon Eizenga



Photo by Amber Herzog Lyman



ELEPHANT FALLS



AFRICAN LIONS



GIRAFFE FEED

Enjoy a virtual "walk-through" of Fresno Chaffee Zoo's "African Adventure."
Visit the Zoo's YouTube page at www.youtube.com/fchzoo.

Exhibit renderings - The Portico Group

FRESNO CHAFFEE ZOO GLOBAL CONSERVATION

The Fresno Chaffee Zoo Wildlife Conservation Fund was established in 2006 to promote understanding and enjoyment of rare, threatened and endangered animals and their habitats and to support zoological research that will directly benefit captive animal management. We work with a multitude of international organizations dedicated to the conservation of endangered species all over the world.

The Fresno Chaffee Zoo Conservation Committee has selected a handful of projects that Fresno Chaffee Zoo is committed to supporting long term. In addition, Fresno Chaffee Zoo offers several conservation-oriented awards each year to dedicated researchers or organizations in the conservation field.

We thank our Fresno Chaffee Zoo visitors for supporting our Conservation Fund through donations made in our gift shop and at Ross Laird's Winged Wonders Bird Show.



Photo by Diane Wilson, (cropped)

● Grevy's Zebra, Samburu, Northern Kenya

The Grevy's zebra, one of Africa's most endangered large mammals, has undergone a catastrophic decline in the past 30 years and now only occurs in Kenya and Ethiopia. Over their range, Grevy's zebra co-exist with people and their livestock. Habitat loss and impeded access to water has been implicated in various studies as a critical factor affecting Grevy's zebra population declines.

The Grevy's Zebra Trust (GZT) conserves the endangered Grevy's zebra and its fragile habitat in partnership with local communities. In the Wamba area of Samburu, GZT is working with Kalama, Meibae and Westgate community conservancies on habitat restoration through planned livestock grazing and proactive dry season water management to enhance access to critical resources for Grevy's zebra and other wildlife.

- Belinda (Low) Mackey, Executive Director, Grevy's Zebra Trust

● Pygmy Three-toed Sloth, Escudo de Veraguas Island, Panama

The pygmy three-toed sloth is considered by the International Union for Conservation of Nature (IUCN) Species Specialist Group as being under immediate threat of extinction. It lives only in Escudo de Veraguas, a small island located off Panama's Caribbean Coast and their numbers are quickly declining due to poaching and habitat destruction.

For the second year in a row, Fresno Chaffee Zoo is supporting a research and conservation project started in 2011 by CONAVI, the Panamanian conservation organization, Fundación Conservación, Naturaleza y Vida. The project includes work with local communities that involves the use of alternate, environmentally sound cooking technologies and the enforcement of protection regulations for Escudo de Veraguas and its biodiversity.



Photo by James Bryson Voirin/MPIO-CONAVI, (cropped)

● Channel Island Fox, Channel Islands National Park, California

The Channel Island fox can only be found on six of California's Channel Islands. Four endangered subspecies of island fox are showing rapid recovery from near extinction, however the recent introduction of canine distemper to the islands is a constant threat to their survival.

For six years now Fresno Chaffee Zoo has supported the Channel Island fox conservation efforts of Friends of the Island Fox, a program of The Channel Islands Park Foundation. In previous years we have funded the implementation of radio tracking collars. This year we funded canine distemper vaccinations for 200 Channel Island foxes.



Photo by Tim Coonan, (cropped)



Planting a tree, Kanyawara Science Center, Kibale National Park



Kaswa Science Center, Kibale National Park

● Kibale Fuel Wood Project, Kibale National Park, Uganda

Nestled in the foothills of the Rwenzori Mountains, Kibale National Park is home to one of the densest populations of primates in Africa including three species currently on the IUCN Red List of Threatened Species. It is home to approximately 1,400 endangered chimpanzees, as well as the last viable population of Ugandan Red Colobus, and the rare L'Hoest's monkey. The park is also home to over 325 species of birds, and has been designated an Important Bird Area. The park also hosts 4 wild felid species, including the Golden Cat, which was recently re-discovered in the park. At least 60 other species of mammals also call the park home, amidst over 250 tree species.

The Kibale Fuel Wood Project (KFWP) helps to conserve Kibale National Park and all its outstanding biodiversity by addressing the needs of people living around its border. The KFWP seeks to protect wildlife and improve people-park relations through empowerment of locals to find alternative, realistic solutions to their energy needs. It is the involvement and action of Ugandan citizens that will make long-term conservation of Kibale National Park possible. Run by Ugandan staff, the KFWP promotes building fuel-efficient stoves, planting native trees well suited for firewood, and has an extensive environmental education campaign.

- Rebecca Goldstone, Director, Kibale Fuel Wood Project

- Tree Roosting Bats Tana River Forests, Kenya
- World Bird Sanctuary Songbird Study, based out of Missouri
- Lake Oku Clawed Frog Recovery Project, Cameroon
- Santa Barbara Zoo California Condor Nest Guarding Program
- Critically Endangered Amphibians of South East Ethiopia
- Conservation of Burmese Roofed Turtle, Myanmar
- Olive Ridley Sea Turtle Research and Conservation, India
- Conservation of Northern Muriqui Populations, Brazil

Photo credit: Joseph Brandt, US Fish & Wildlife

Photo credit: World Bird Sanctuary

Photo credit: Biodiversitas Foundation

Photo credit: Turtle Survival Alliance

Photo provided by: Zelalem Wodu Abate

Photo provided by: Bijaya Kumar Kabi

Photo Credit: Michael Gichia

Photo Credit: Help for Sustainable Development

- Long Term Commitment
- 2012 Supported Projects

2012 EVENTS



Jewelry, Hair & Clothing by Orloff Jewelers, Muses Spa & Salon, Madeleine's Bridal Boutique and AJ's Tuxedo Junction. Floral arrangements by Awesome Blossoms. Photo by Alicia Alejo Photography - ThePhotoFriends.com

WHAT an exciting year 2012 has been for the Events Department of Fresno Chaffee Zoo! New group event packages, menus, pricing, and policies were established to provide our guests with a better product, increase the Zoo's revenue, and streamline event implementation.

In 2012, our children's birthday program continued to grow, even booking throughout the winter! While the birthday parties do not provide a large return monetarily, they are profitable and are hugely popular with children and parents. In 2012, we held 98 private birthday parties.

In December 2012, a Facebook page was launched specifically for Fresno Chaffee Zoo Private Events. We are offering fun new ways for companies to show their appreciation to clients and thank their employees with summer picnics, holiday parties and black-tie awards banquets. Significant group events this year included Cargill's Fall Festival, 30 corporate events, and 15 private events that included 5 Christmas parties.

And let's not forget weddings! Fresno Chaffee Zoo was the venue for four beautiful weddings in 2012. With the opening of Sea Lion Cove, a photo shoot wedding was held with Zoo staff filling in for the bridal party and guests. A great time was had by all! We worked with florists, rental companies, bridal stores, and a local photographer. We now have incredible professional photographs and video presenting Sea Lion Cove as an exciting new venue for unique, intimate weddings.

Photos on this page: 1. Lead Keeper Robert Cramer and Assistant Keeper Alexandra Alamar pose as wedding participants 2. **Toucan Dinner**, our donor appreciation event, at Pacific Point View, the 35-foot underwater viewing window at Sea Lion Cove 3. **Safari Night** Gaming Center 4. **Safari Night** visitors sipping wine and browsing the silent auction tables 5. **Safari Night** - 800 attendees enjoy dessert and the live auction with MC, Gnarley Charley from KISS Country 93.7FM 6. Twenty four nights of **ZooLights**



Toucan Dinner



Safari Night



Safari Night



Safari Night



ZooLights

Special Events Group Events

SPECIAL EVENT HIGHLIGHTS...

Breakfast with the Animals - 1,837 tickets sold, thanks in part to significant free media promotion from ABC30 and Y101.

Día de los Niños courtesy of Univision 21 - provides a day of entertainment in our amphitheater, vendor booths and extensive media promotion and coverage. This year's attendance was 11,397 (increase of over 2,000 from last year). 146 memberships were sold during this event. Also courtesy of Univision 21, **Día de la Familia**, held in August, attracted 5,345 visitors.

Our new **Mother's Day Picnic** was well received and sold out at 250 guests. Gourmet lunches were generously donated by Whole Foods. During the event, moms and their kids had fun singing with Oklin Bloodworth, taking silly pictures in our dress up photo booth, and decorating flower pots. In addition, Zoo animal mothers were recognized during Mother's Day with special recognition cards posted at each of their exhibits.

In a partnership with ValleyPBS, Fresno Chaffee Zoo brought **DinoNite** to Fresno. Buddy the dinosaur came to the Zoo for pictures with the kids, vendor booths and two episodes of Dinosaur Train rounded out the evening. Attendance was 3,442.

Safari Night drew a crowd of 800, completely selling out one day prior to the event. We would like to thank Wells Fargo, Harris Construction, Golden One Credit Union, PG&E and Regency Investment Advisors for underwriting the event.

New additions to **ZooLights** this year included a free ride in the Holly Trolley within Roeding Park, a Christmas Tree lot decorated with trees from local businesses, a snow machine that made it possible to for it to snow at our Rainforest Lawn, and new structures and lights at Sea Lion Cove.

Fresno Chaffee Zoo opens the Zoo and their hearts to local children with special health care needs or disabilities during **Dreamnight at the Zoo**. The 2012 event was a huge success with a visitor count of 1,526. Thank you to Greg Rainwater, M.D., Thomas X. Minor, M.D., Nadeem Rahman, MD., Doug-Out Cookies, A Wish Your Heart Makes, Toledo's Mexican Restaurant and American Ambulance for sponsoring this event.

Toucan Dinner, our annual donor appreciation event, was a huge success. This year's event was held at Pacific Point View, which was decorated in an elegant theme with candle lit lanterns. Guests were treated at the end with a gift of wine and handcrafted giraffe and elephant carvings from Africa representing our upcoming exhibit expansion.



Sea Lion Cove Ribbon-Cutting Ceremony

Before the official ribbon-cutting ceremony, opening celebrations for Sea Lion Cove included several preview nights: one for the construction crew and their families, one for VIP's and three members-only nights.



Producers Dairy Ice Cream Zoofari



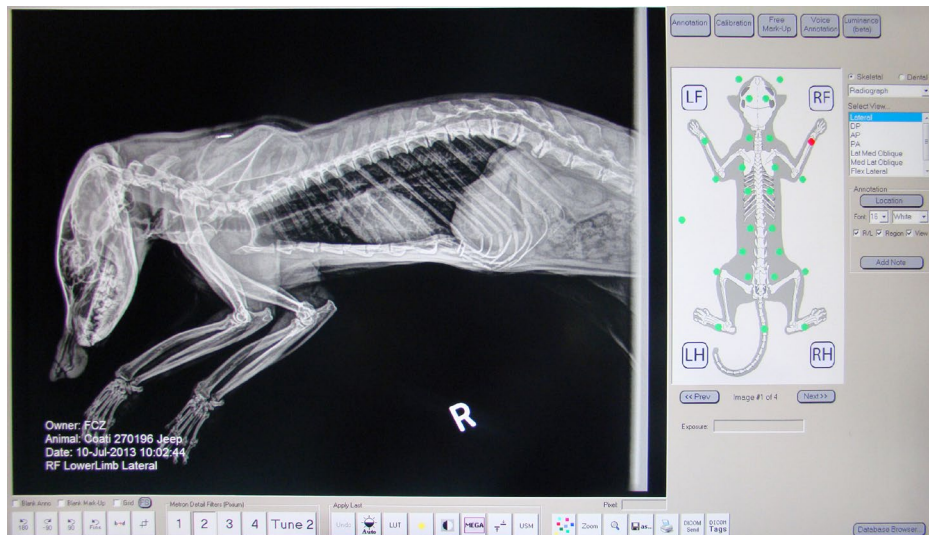
ZooBoo

A total of 12,672 witches, pirates, princesses, ghosts & goblins enjoyed four evenings of **ZooBoo**.

Producers Dairy Ice Cream Zoofari was once again a huge success with an attendance of 3,414.

DIGITAL RADIOGRAPHY

In 2012, the Veterinary Hospital of Fresno Chaffee Zoo advanced from standard radiography to digital radiography with the purchase of a new state of the art Vetel Digital Radiography Unit. Purchased with Measure Z funds, the digital radiography unit advances the level of veterinary care for the animal collection, making diagnostics much more advanced. This type of radiography allows for much more detailed, well defined imaging, than the standard format X-ray. The digital method is also much quicker which allows for less anesthetic time and stress on the animal being examined. The images can also be easily shared with veterinary specialists via web-based portals for consultative purposes.



Radiographic image of the Coati, "Jeep," created using the new Vetel Diagnostics Digital Radiography Unit. The unit, purchased with Measure Z funds, enhances the veterinary staff's diagnostic capabilities.

PRIMATE ULTRASOUND

Many Fresno Chaffee Zoo animals are trained to stand or lay in a still position so that veterinary staff can perform ultrasounds. This type of training is fairly common in zoos but extremely rare for colobus monkeys. After many patient training sessions, the Mammal Department and Veterinary staff can now successfully perform routine ultrasounds on the Eastern black and white colobus monkey. The ultrasounds allowed us to efficiently monitor the progression of a pregnancy that resulted in the birth of a healthy baby monkey in 2013. The information obtained will also aid other institutions in determining fetal health.



Colobus monkey, "Jasiri" was taught to stand in an upright position while the ultrasound probe was placed on her lower abdomen. This ultrasound taken December 12, 2012 shows the fetus progressing well.

SHARK ROUNDUP

A shark roundup was completed this year with the assistance of veterinarians from the UC Davis campus. Each shark in Stingray Bay, ranging from 1.5 feet long to 6 feet long, was anesthetized, and examined. Blood was collected from each specimen as well as weights, measurements and skin scrapings. The data compiled will be entered into a worldwide database to help set up normal parameters for these types of animals.



NEW QUARANTINE AREAS

A new, large animal quarantine area was constructed in 2012 with funding from Measure Z. The new facility, located behind the Veterinary Hospital, consists of three separate quarantine areas, each with its own indoor holding area and outdoor yard. The areas can now be used to adequately quarantine newly acquired hoofstock for the purposes of monitoring their health before they are introduced to the current population.

FIGURES FOR 2012

- 118 radiographs
- 115 blood chemistries
- 70 microbiology studies
- 37 quarantines
- 90 clinical pathology studies
- 438 fecal exams
- 30 pre-ship exams
- 65 hospital tours

REVENUE

Measure Z	12,071,622
	- Note 1
Admissions	1,816,543
Membership	691,189
Gift Shop and Concessions	510,890
Donations & Grants	191,436
Event Income	419,160
Stingray Bay	219,535
Education	204,901
Facility Rental Income	191,324
Giraffe Feeding	125,276
Other Income	88,310
Investment Income	891,267

Total Revenue 17,421,453

EXPENSES

Salaries and Benefits	4,267,619	Computer/Software	43,934
Specialized Services	573,272	Telephone	38,245
	- Note 2	Staff Development	39,224
Utilities	383,797	Conservation	25,891
Animal Feed	268,142	Fleet	36,410
Supplies	243,758	Miscellaneous Business	8,215
Advertising	288,933	Office Supplies	33,597
Repairs and Maintenance	188,397	Signage	26,134
Insurance	123,804	Uniforms	33,978
Depreciation	415,059	Other	76,664
Printing/Postage	139,838	Capital Expenditures	94,090
Service/Bank Fees	103,342	Total Expenses	7,684,227
Equipment	112,583	Net Surplus	9,737,226
Food/Catering	83,682		
Dues	35,619		

Note 1: Sales tax revenue from Measure Z is available based upon expense reimbursement claim forms that are submitted by the Zoo. During 2012 the Zoo received 12,071,622 in reimbursements. Note 2: Includes contractual services for programs such as Winged Wonders, legal, audit and HR consultants.



ATTENDANCE
2008-2012

Photo by Kendra Gilman, 2012 ZOoM Contest Participant

MAJOR DONORS

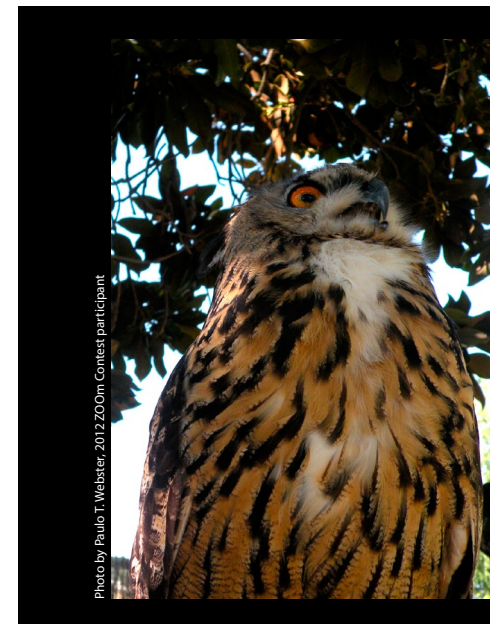
ON BEHALF OF THE ANIMALS HERE AT FRESNO CHAFFEE ZOO
WE GRATEFULLY THANK THOSE WHO DONATED \$500 OR MORE IN 2012

Alan Mok Engineering	Craig Saladino	Hammon Family Rental	Mental Health Systems, Inc.	Service Systems Associates
Aon Risk Services	Peter & Angela DalPezzo	Harris Construction Co., Inc.	Jesse Merrell & Travis Rockett	Benjamin Shein
Apple, Inc.	Decipher, Inc.	James Hartley	Miles, Sears & Eanni	Peggy Shreve
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Lynn Baldwin	Dotty & Jim Doyle	iLOVEtoCREATE	Don & Lynn Nelson	Judith Soley Trust
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Blake Borders	Fishman, Larsen, Goldring & Zeitler	Kaiser Permanente	Premier Valley Bank	The Valley Cats Band
Don & Ruth Bricker	Four C's Service, Inc.	Kings View Corporation	Producers Dairy	Richard Thistle
Brooks Ransom Associates	Fresno Pacific University	Kristine Kizer	Nadeem Rahman, M.D.	Pauline Trainer
Bush Estate Trust	Monique Gama	Catherine & Wayne Krout	Shari & Greg Rainwater	Union Bank
Cargill Regional Beef	GAP, Banana Republic & Old Navy	Elsie M. Lawson Trust	Regency Investment Advisors	United Way
Caruthers FFA	Arnold & Dianne Gazarian	Lincoln Military Community Housing Service	Dr. William & Rea Rich	Valley Yellow Pages
Central California Veterinary Medical Association	Ron Gerety	Gerald & Nanette Lyles	Tom Richards & Sue V. McDiarmid	Pegge Ann Wall
Central California Avian Society	George & Nancy Goehring	Lyons Magnus	Rio Bravo Fresno	Jim & Terri Walls
Jean Chaffee	Golden One Credit Union	Charles Mayes	Jim & Lorrie Salven	Jerry & Rosemary Waters
City of Fresno Airport Department	Granville Homes Incorporated	Rena McDaniel & Raul Urzua	San Joaquin Valley Children's Health Association	Elizabeth Watson
Clovis 4-H Renegades	Karen Gravelle	McDonald's Restaurant	Save Mart S.H.A.R.E.S.	Wells Fargo
Lisa & Brad Condoian	Craig Haile	McPheeters & Associates	Carol & Mark Scott	Richard & Joan Wheatley
	James & Coke Hallowell			Jon Wheless

WELLS FARGO WEDNESDAYS

The first Wednesday of each month continues to be "Wells Fargo Wednesday." In partnership with Wells Fargo, all children who come to the Zoo with their families on the first Wednesday of each month get in free. Wells Fargo also sponsors our members by offering 10% off of all memberships purchased on Wells Fargo Wednesdays. Additionally, each month Wells Fargo sponsors a school classroom to come to the Zoo, picking up the cost for both the bus and entrance.

WELLS FARGO



2012 BOARD OF DIRECTORS

Colin Dougherty, Board Chair
Tom Richards, Board Vice Chair
Tom Templeton (1939-2013), Treasurer
Sharon Levy, Secretary
Sieg Fischer
Sheri Manning-Cartwright
Brenda Nelson
George Nokes
Shari Rainwater
Craig Saladino
John Valentino

2012 SENIOR MANAGEMENT

Scott Barton, CEO/Zoo Director
Adrienne Castro, Director of Education
Brian Goldman, Chief Financial Officer
Terri Meorado, Director of Marketing
Dan Subaitis, General Curator
Dr. Lewis Wright, Veterinarian

Remembering Jones T. Templeton III, "Tom"

April 15, 1939 - February 6, 2013



Tom Templeton was born in San Jose, California and raised in the Bay Area and Fresno. Tom had a successful career with IBM that spanned 35 years and included stints in L.A., Fresno and a 4-year assignment in Taipei, Taiwan.

Tom began volunteering at Fresno Chaffee Zoo upon retiring from IBM in 1995. He served the docent group, Zoolynx, as Tour Chairman, Secretary, Treasurer, Vice President and President. Tom was on the original Board of Directors for Fresno's Chaffee Zoo Corporation as the representative of Zoolynx. In 2007 he was elected to fill out the remaining term of a resigned board member. Another of the many highlights of Tom's work with the Zoo was a very successful 3-day Regional AZAD (The Association of Zoo and Aquarium Docents) Conference held at Fresno Chaffee Zoo and chaired by Tom and his wife, Helen.

Following his retirement, Tom was also active as a volunteer for SCORE, Counselors to America's Small Businesses. SCORE is a resource partner with the U.S. Small Business Administration providing free and confidential one-on-one counseling with small business entrepreneurs. Twice, Tom has served as President of the local chapter, Central Valley SCORE.

On February 6, 2013 Tom Templeton passed away from complications of leukemia. Tom will be missed by his many friends and colleagues here at Fresno Chaffee Zoo. He will be remembered throughout the Zoo: in the Tropical Rain Forest which he described "as an oasis of serenity," in the laughing faces of the costumed children attending ZooBoo, Tom's favorite event, and when standing on the patio overlooking African animals in the natural habitats of the upcoming exhibit Tom was so looking forward to seeing, African Adventure.

Donations in memory of Tom Templeton may be made to Fresno Chaffee Zoo, 894 W. Belmont Ave., Fresno, CA 93728 or Leukemia and Lymphoma Society, 340 W. Fallbrook Ave., #101, Fresno, Ca. 93711

Tom's passion and commitment to our zoo and our community was amazing. I still remember at my interview saying "when you have funding as provided by Measure Z, on a 1 - 10 scale of quality of exhibits, you can do many 5's and 6's - good exhibits - or a few 9's and 10's - great exhibits. What does the Board think we should do?"

Without hesitation one of the Board members said "11's". That was Tom.

- Scott Barton, Executive Director, Fresno Chaffee Zoo



FRESNO CHAFFEE

Fresno Chaffee Zoo Corporation
894 W. Belmont Ave.
Fresno, CA 93728

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Photo by Lisa Schmidt, 2012 ZOOom Contest Participant