



"Wildlife is an echo of our own beginnings"... 1981

*William Holden*

Celebrating 30 Years of Wildlife Conservation Education

# Fall 2014



**SEE STORY  
on Page 4**

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Post Office Box 16637  
Beverly Hills, CA 90209

Dear Friends,

I am very touched by the many expressions of condolence I have received honoring Tom Carroll.

I want to take this opportunity to gratefully acknowledge all the cards, letters and donations in his memory by friends, family and members of our foundation.

Tom was very proud of his time serving on our board and the foundation benefited greatly from his sponsorship and support. All the programs that Tom fostered will continue in his memory and grow in his honor.

Thank you for making that possible.

Sincerely,

Stefanie Powers  
President





## **Thomas Carroll**

**WHWF Director**

**August 30, 1941 - August 12, 2014**

Tom Carroll was a graduate of the University of Notre Dame and a former officer in the United States Navy. In his early career, he became a CPA and rose to partnership in the firm of KPMG. The next step in his career was as a senior managing partner at Credit Suisse, Bankers Trust and finally at Prudential Financial where he was a senior Vice-President. At Prudential, he was a respected figure in the executive branch. He was acknowledged for his leadership in diversity, and his recognition and incorporation of all branches of military service personnel. As a member of both the New York Yacht Club and the Larchmont Yacht Club, he pursued his passion for sailing with great success and reward as captain of "Siren Song."

Tom ran nine New York Marathons finishing once in under four hours. He established the Patrick and Mary Carroll Scholarship Fund at the University of Notre Dame and served on the board of the William Holden Wildlife Foundation. He is survived by his son, daughter, three grandchildren and his partner of fourteen years Stefanie Powers. Services were held on Wednesday, August 20, 2014 at 11:00 AM at the Frank Campbell Funeral Chapel in New York City.



# Nanyuki Or Bust! To Go, C

**T**he issuance of travel advisories; the daily occurrences of terrorism around the world, especially Africa; the disappearance and downing of passenger jets, and the emergence of Ebola, all contributed to a sickening feeling in my stomach, mixed with uncontrollable excitement, as I busied myself preparing to visit Kenya. Destination: the William Holden Wildlife Foundation Education Centre.

I am a teacher by profession and my students and I have been involved in the WHWF's pen pal program for three years writing to pen pals at Ngenia Secondary School. I was already a supporter of WHWF, and I knew the foundation built libraries and school rooms in rural communities, but I was curious as to what they actually taught, how they taught it and what impact it had on the people they served. I wanted to visit Ngenia School and meet our pen pals and go on a safari that was a no brainer ... I got to cross that off my bucket list!

Talk about a long and grueling journey! 21 hours of flight time, not counting endless hours in transit! Nevertheless, I arrived in Nairobi safe and sound. There was a luggage dilemma – it took 1 hour and 20 minutes to finally get my bags off the carousel!

"Diesel" was there to greet me and proceeded to drive me to Nanyuki and the WHWFEC. I was "delivered" to the Education Center 4.5 hours after



arriving in Nairobi. Note: most Kenyans do not believe in turning on air conditioning in cars! Talk about 'Chock full o' Carbon Dioxide' in my lungs! And I am not exaggerating!

I arrived late in the day as activities at the Education Center were winding down and a group of tired but happy students were loading items in their bus for their long bus ride back to Nairobi. Teachers and chaperones were hosing down the remnants of lunch and washing and cleaning the kitchen, part of the requirement for being at the Center. Michael Ng'ang'a, the Program Director, was there to greet me. Quiet and reserved, he showed me around the office. He then called Stefanie to inform her that I had arrived. She welcomed me to Kenya, and we chatted for 20 minutes on Michael's phone while he listened and watched his minutes tick away. Sorry, Michael! We confirmed our plans to drive to Ngenia School on Tuesday.

My first official day at the Education Center I met David McConnell, the Administrator of the Center. He welcomed me and filled me in on some of the projects they were currently working on with the rural libraries and the schools.





# Or Not To Go? That Is The Question!

While waiting for the day students to arrive, I wandered around and took pictures of the grounds. Talk about a great setting! It was delightful to walk around the trails, on and over the the small bridge where the Nanyuki river runs through the Center grounds. One great memory I will treasure while sitting in the sun around the campfire structure, reading, is hearing the sound of the river running, while the birds and monkeys chirped and played!

The visiting students arrived and I joined them in the lessons of the day. Michael introduced me and we all had a brief Q & A about similarities and differences in our education systems. Most were very well-behaved and hardly fidgeted. They were also clearly prepped for this excursion from the questions they had and prior knowledge that they displayed.

Highlight of the day – the Animal Orphanage! Saw and mingled with crowned cranes, mountain bongo, an adorable baby patas monkey, a 5-month old abandoned giraffe, lamas and their babies, and Speedy, the 150-170 year old giant tortoise, all wandered around the grounds of the orphanage, while other animals were in enclosed areas.

My second day I met Stefanie Powers!! She drove us to Ngenia. Along the way we had a very interesting and informative chat.

Madam Hellen, the Deputy Headmaster, several teachers and some student leaders met us and ushered us into the Administration building, where we “broke bread Kenyan style!” We had tea, drinks and snacks with our hosts, as well as a Q & A session with staff.

The entire student body assembled outside and I surprised them with a speech in English and Swahili. managed to get a few laughs from my audience. I hope it was the speech and the jokes, and not from my pronunciation!

In the WHWF library, we met with the pen pals where Madam Hellen handed out letters from my students. Stefanie and I handed out pen pal tee shirts that my students and I had fundraised to buy. Every pen pal got a shirt. It was so nice to meet them individually and to see the joy on their faces as they came up to



get their shirts. Stefanie gave an inspirational speech about the value of corresponding and learning from each other!

The rest of the week consisted of visits to the Education Center. I sat in and learned with the students. The classes are geared to fit students of all ages, the materials chosen are always age-appropriate, and the syllabus is well-prepared. Went on a game drive on the Mt. Kenya Game Ranch with the camping students; also ate dinner with them and had a nice time sitting around the campfire, eating chapati and vegetable stew!

I loved my afternoons at the animal orphanage! I got to feed the animals with the staff. Such a great honor! I felt so special, especially when the baby patas monkey attached itself to me and would not leave.

With heavy heart and newfound respect for all that is done by WHWF and the WHWFEC (where nothing is wasted, and yes, they do practice what they preach!)

I left my two legged and four legged friends to begin my safari, but that is another chapter!



# News from Kenya

## GRAND OPENING

**New Classrooms and Offices Open June 30 at Wathituga Primary School**



The Education Center Staff participated in the Grand Opening of the newly-completed classrooms at Wathituga Primary School on June 30.

Earlier that month, staff working as Guard Post Controllers took part in the annual Rhino Charge, which this year benefitted the Mt. Kenya fence project.

The Rhino Charge is an annual off-road motorsport competition that has been held in Kenya since 1989 and requires a high level of skill in off-road driving and navigation. The event is organized by The Rhino Ark Charitable Trust and is held to raise funds for the conservation of Kenya's Aberdare Ecosystem and other conservation projects.

The event raised over 103 million KES (over \$1.153 million USD).

Two interns were welcomed mid-year at the EC for a three-month stay to gain first-hand knowledge and experience in



wildlife conservation and environmental education. They were a tremendous help to the EC staff and students.

Among the students visiting the EC since we last reported were a group of 20 senior army officers from ten different African nations who were in Nanyuki for a training workshop. The officers were so impressed with the work of WHWF in the community that they awarded the staff a trophy for their efforts which is now displayed at the Education Center.

Two student groups, 88 students from Kibera Primary School and 75 students from Ananda Marga Academy, learned skills such as briquette-making and recycling at the EC which can help to make life easier for themselves and others in the slums where they live.



# Can Plastic Bags = Cheaper, Stronger Roads?

## India's "Plastic Man" is proving it, mile after plasticized mile

**W**ith over 1.2 billion people, the Republic of India is the world's second-most populous country and the most populous democracy. That many people generate huge amounts of garbage, especially when in a society where littering is a socially-acceptable form of waste disposal, despite laws against it. Outside of cities across the country, mountains of rotting, stinking garbage overflow open unsupervised landfills.

A report in *BusinessWeek* in July on India's garbage crisis indicates that the cities themselves are inundated with garbage, because only 40% of that generated daily gets hauled away.

Much of it is organic food waste, but the lion's share of the remainder is some form of plastic. Their government estimates that larger cities in the Republic generate some 15,000 tons of plastic waste *daily*.

As more Indians benefit from the steady growth in all sectors of its economy, they can afford to purchase new electronics and other "stuff," (and toss out the old) most of which is made from plastic. Officials expect that, due to economic growth, the amount of discarded plastic will double in the next five years.

India also contains the largest percentage of people living below the World Bank's international poverty line of US\$1.25 per day, many of them scratching out an existence as "pickers" in the landfills.

Where others see massive piles of rubbish, Rajagopalan Vasudevan sees possibility. A professor of chemistry at Thiagarajar College of Engineering, near Madurai, he has developed a patented technique for turning plastic litter of all types, even hard-to-recycle grocery and snack food bags, into a more economical, stronger substitute for a portion of the bitumen filler used in paving asphalt and roofing tar.

Like most potentially paradigm-shifting ideas, the genius of it is in the simplicity: shred ubiquitous plastic garbage and add it to liquid paving tar to make the asphalt stronger and more water-resistant

when it hardens. But "simple" concepts can take a lot of time to implement, and it took more than 400 tests for the professor to get it right. He started by stirring shredded grocery and snack bags directly into liquid tar until it dissolved. It worked in the lab, but would be totally impractical on large-scale infrastructure projects. Next he focused on applying plastic directly onto the paving gravel

before it mixes with the tar. He found that at exactly 302 degrees F (150C), the plastic melts, but without the release of toxic gases seen at higher temperatures.

The professor added shredded plastic to a pot of gravel heated to 302 degrees and stirred it until the gravel was thoroughly coated. He found that the plastic adhered more evenly to the stone, so that when it's blended into the hot tar and cools, it reduces formation of air

pockets and blocks water absorption.

Since getting his technique accepted by government agencies responsible for India's infrastructure, more than 3,000 miles of plastic asphalt roads have been laid in 11 of India's 29 states. Though the university holds the patent on his process, they often license it for free. The professor travels India teaching engineers how to implement the technique utilizing their existing equipment and methods, but the biggest obstacle to recycling garbage is cultural. The societal attitude that "to pick up litter is beneath my station" cannot be fought with science.

Self-help groups of indigent women are developing local markets for recycled plastic. After buying plastic for a few rupees from businesses and homes, they clean, shred and resell it to the government for use in road projects. The women aren't getting rich but they do get a modest income from repurposing this unwanted, destructive product into something that not only builds cheaper, stronger roads in a rapidly growing country, it generates the means to feed their families! If recycling catches on, India may get a handle on its waste disposal issue!



Donate online at  
[www.whwf.org](http://www.whwf.org)

## SUPPORT WHWF WITH A DONATION

I want to carry on with the work of the William Holden Wildlife Foundation.

Enclosed is my contribution of: ☐ \$250 ☐ \$100 ☐ \$50 ☐ Other \$ \_\_\_\_\_

Please check this box if your donation is for the  
☐ Julie D. Powers Memorial Library ☐ Chocolat Fund



Please make checks payable to the  
William Holden Wildlife Foundation

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_



# WHWF Merchandise



## TOTES \$10

100% cotton canvas, 15" x 16", long 24" strap, natural with hunter green imprint.

Also available: black-maned lion, Masai ostrich, and chimpanzee.

## PLUSH TOYS \$27



Elephant & monkey are 11" tall standing, 7" sitting.



## CHIMPANZEE \$115

From a collection made exclusively for the WHWF by Novelino, the artisans have given these handcrafted sculptures their careful attention by reproducing each minute detail of these beautiful and exotic creatures. Each limited edition piece has been discreetly signed under the base by WHWF president, Stefanie Powers. Please visit [www.whwf.org/novelino.html](http://www.whwf.org/novelino.html) for the pieces that are currently available.

## COFFEE MUGS \$14



11 oz. beige ceramic mug with dark green imprint.



## SAFARI CAPS \$20

Adjustable, 100% cotton, unconstructed cap with velcro closure and embroidered WHWF patch. Your choice of Navy, White or Khaki.

## HOLIDAY CARDS \$12

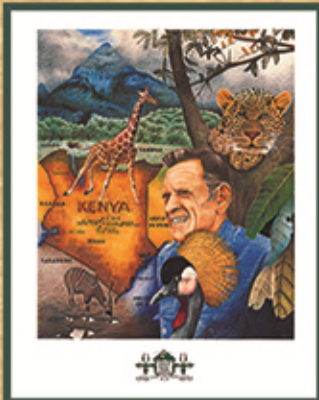
Boxed set of 10  
All-occasion cards now sold  
individually online at  
[www.whwf.org/greetingcards.html](http://www.whwf.org/greetingcards.html)  
Prices range from \$1.75 - \$2.50



Inside verse: Have a wildly wonderful holiday!



## BANDANAS \$12



## POSTER \$15

## T-SHIRTS \$20

All of our t-shirts are imprinted with soy-based inks. Our off-white logo t-shirts are made of Fortrel EcoSpun, produced from recycled plastic bottle caps. Our dark green and black t-shirts are 100% cotton. Please specify color and size. Earth Day shirts only available in size XL.



## MERCHANDISE ORDER FORM

All items are available at our online store at [www.whwf.org](http://www.whwf.org). If you would like any items gift wrapped and sent as holiday gifts, along with a card that indicates it is from you, please supply the full names and mailing addresses of recipients, as well as who the gifts are from. Call our office with any questions.

Name

Address

City

State  Zip

Phone

Email

Please send check or money order to  
William Holden Wildlife Foundation  
Post Office Box 16637, Beverly Hills, CA 90209



ITEM	PRICE	QTY	S/H	TOTAL
WHWF Plush Toys <input type="checkbox"/> ELEPHANT <input type="checkbox"/> MONKEY	SHIPPING: \$6 U.S. \$7 CAN / \$9 INTL \$27		\$6	
WHWF Mug	SHIPPING: \$4 U.S. \$6 CAN / \$8 INTL \$14		\$4	
WHWF Bandana	SHIPPING: \$2 U.S. \$4 CAN / \$6 INTL \$12		\$2	
CHIMPANZEE by Novelino	\$115		\$20	
WHWF Poster	\$15		\$3	
WHWF Tote Bag	SHIPPING: \$3 U.S. \$5 CAN / \$7 INTL \$10		\$3	
Holiday Cards (boxed set)	SHIPPING: \$3 U.S. \$5 CAN / \$7 INTL \$12		\$3	
WHWF Logo T-Shirts (please indicate size/color selection) <input type="checkbox"/> Recycled Bottle Cap T-shirt (Off-White Only) <input type="checkbox"/> 100% Cotton: <input type="checkbox"/> Dark Green <input type="checkbox"/> Black Size: <input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL	SHIPPING: \$2 U.S. \$4 CAN / \$6 INTL \$20		\$6	
Earth Day T-Shirt Size: <input type="checkbox"/> XL	Limited Quantity SHIPPING: \$6 U.S. \$10 CAN / \$12 INTL \$20		\$6	
Safari Caps Color: <input type="checkbox"/> NAVY <input type="checkbox"/> WHITE <input type="checkbox"/> KHAKI	\$20		\$3	
ORDER TOTAL				