

Summer 2004

No. 20

# Orphan Cubs Saved by CCF



CF is well known for responding to all calls regarding cheetahs in snares, traps, and poor captive conditions. In late October 2003, CCF Namibia was informed of two separate cases of orphaned cheetah cubs in need of immediate attention. In the first, CCF received multiple emails from concerned tourists who had visited a farm near Okahandja, claiming three cubs in poor condition were being kept at the farm as a tourist attraction. After negotiations, the three were handed over to CCF. A larger male (Mr. Big) and his two sisters (Samantha and Carey) were found in a small cage where they had been held for two months. Born in July 2003, all three



(left) Mr. Big, showing the deformity in his front legs caused by a lack of calcium. The legs have since straightened with the improved diet.

## (above) Mr. Big, Carey and Samantha in their enclosure at CCF.

exhibited signs of severe calcium deficiency, due to a diet of boneless meat, maize meal and no calcium supplements. Cheetah cubs grow at a rapid rate so they require a calcium-rich diet to ensure their bones have enough strength to support body weight. Details regarding what happened to their mother remain unknown.

Samantha, the smallest of the siblings, was not walking when she first arrived. An X-ray confirmed she had a damaged pelvis due to crumbling bones. Her bones are now healing. Carey, the larger female, underwent two surgeries to correct uneven bone growth in her radius/ulna

### A NOTE FROM Dr. Laurie Marker

/hile our time at CCF Namibia is full of tasks relating to accomplishing our mission-keeping cheetahs wild and free, CCF also continues to care responsibly for orphaned nonreleasable cheetahs, of which there are currently 26 at CCF's Centre. In the past 14 years, we have worked on over 650 cheetahs—over half were released back into the wild. All wild cheetahs coming through CCF are measured and samples are collected to assess their overall health. Genetic samples are included in our Genome Resource Bank where (to date) we have banked sperm samples from over 120 cheetahs.

CCF staff work actively with farmers and deal on wild and captive cheetah issues and continue to promote integrated livestock and wildlife management, reducing

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## A Note from LAURIE MARKER

### (Continued from Cover)

conflict between cheetahs and farmers. Conservancy advocacy is crucial, so CCF helps guide policy affecting cheetah conservation issues and land use for conservation.

This year we will focus on increased economic incentives, including pro-active marketing of Namibia's beef as 'predator friendly' as well as the Bushblok Project.

CCF's Education Programs have involved over 120,000 Namibian students. During the past year, over 2,000 students participated in our Centre-based education (over-nighting at our tented camp and participating in environmental education). This year our staff visited almost 10,000 learners at schools throughout the country. CCF continues to work with the Namibian Ministry of Basic Education to put cheetah and predator conservation into the national curriculum.

Last year, we conducted our first workshop for communal herders; a training manual has been developed and is soon to be published. In addition, we placed 28 Anatolian Shepherd livestock guarding dogs; over 120 dogs now work on Namibian farms.

We ARE busy—our work requires people and resources. On behalf of all the cheetahs, past and present, please know that you are very important to our efforts in saving the wild cheetah. Without you, the cheetah doesn't have a chance.

an Mark

Dr. Laurie Marker





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CCF's International Newsletter is a periodic publication about the work of the Cheetah Conservation Fund.

Issue #20 was compiled by Leona Graham with assistance from CCF Namibia staff. Design and production by Greg Hanson.

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# **Peggy** The Ongoing Story of a Brave Orphan Cheetah and Her Cubs



From an article by Karen Ziegler, White Oak Conservation Center

Peggy arrived at CCF Namibia when she was approximately eight months old. Before her rescue, she had lived in a capture cage for a month with a fractured right foreleg.

In April 2001, the Namibian Government, in fulfillment of a pledge by Namibia's President the Honourable Sam Nujoma (CCF's International patron), graciously gave 10 cheetahs as a gift to the USA. Four went to the Cincinnati Zoo & Botanical Garden and six to the White Oak Conservation Center in Florida. They were given with the hope they could be used in successful breeding programs to provide genetic diversity to the international cheetah population.

Peggy and five other cheetahs arrived at White Oak, when all were about one year of age. Peggy was housed alone for a few days while she became acquainted with the other cheetahs through the fence. Four days later, she was introduced to two other Namibia cheetahs, including a male named Zaris. A short time later, Peggy was seen limping. A veterinary exam revealed permanent damage to the growth plates in her wrist, due to a broken leg a year earlier, which continued to be a chronic problem.

Zaris was chosen as Peggy's potential mate; the two were separated at two years of age. On the few occasions when they had contact through the fence, they were seen rubbing faces. However, when they were reintroduced, Peggy became increasingly standoffish, although such behaviour is common with novice females. Once the cheetahs turned 2 years old, they were officially included in the White Oak

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### (Continued from Cover)

and a broken ankle. Unfortunately the bones did not heal and sadly, in April she had to be euthanized. Mr. Big, despite damaged wrists from poor diet, did not require corrective surgery. His wrists healed remarkably well with improved diet. Rapid improvement in bone density is due to a special diet of minced chicken (raw bone included) and calcium and vitamin supplements added to a diet of red meat.

In the meantime, on 7 October, CCF received a call from a distressed farmer near Omaruru. He had been forced to shoot a rabid female cheetah after she attacked and severely injured one of his farm workers. The cheetah tested positive for rabies, explaining her unusual behavior. Cheetahs are not aggressive animals and do not usually attack humans. About two weeks later, three starving cheetah cubs were seen where the female had been shot. The farmer contacted CCF because he was very concerned about the cubs' welfare. CCF advised him how to set a trap. They were captured two weeks later. When CCF collected them they were in poor shape, without a mother for almost a month and being only three to four months of age. Despite care, one female cub died. The surviving brother (Tuono) and sister (Tempesta) responded well to a healthy diet and regained the weight that had been lost. As a precaution they were placed in guarantine to ensure they were not infected with rabies. Fortunately neither cub required intensive medical attention.

Mr. Big, Samantha, Tuana, Tempesta are doing well now. They will remain under the care of CCF for many years. Orphaned at such a young age, these young cheetahs did not have the opportunity to learn hunting skills from their mothers and would not survive long in the wild. According to Bonnie Schumann, CCF Senior Research Asst., release in the future would be considered if a safe area for release were available where the cheetahs could be monitored and assisted as they learn to hunt and adapt to being independent. She notes, however, that these options are very few and far between, with none available in Namibia.

CCF responds to cheetah rescue calls with the hope that the animal(s) will be able to be released back into the wild. However, when this is not the case, CCF provides the best possible captive conditions for these unreleasable cheetahs. This requires a large financial commitment. Recently, two more cheetah cubs have been given refuge at CCF. Ralf, with a broken leg, infected wound, and horribly emaciated was caught by a cheetah friendly farmer who knew to call CCF for assistance. Etosha, whose mother was shot at a game camp, also had a broken leg and was brought to CCF for care. Your financial support of CCF allows staff to respond to cheetah rescue calls regardless of the outcome and is greatly appreciated.

## News from NAMIBIA

# Annual Exam Time for CCF's Resident Cheetah



Audrey Pickup and Dr. Arthur Bagot-Smith conduct cheetah endocsopies.

It was a long week of early mornings, late nights and loads of data entry for CCF staff - darting, doing exams and collecting samples on five cheetahs a day is no easy task! Part of CCF's ongoing commitment to cheetah conservation and research, this week-long examination provided CCF with additional biomedical data on the captive population and helps ensure the continued health of all individuals. Dr. Arthur Bagot-Smith, Chairperson of CCF Namibia's Board of Directors, conducted the exams with assistance from CCF Namibia staff.

In addition to the health exams, Dr. Adrienne Crosier collected semen samples from six adult males for cryopreservation research. The research will help determine the best methods for freezing and thawing cheetah sperm. Samples were then added to CCF's Genome Resource Bank (GRB). This year's exams included collection of biomedical and morphological data from five cubs arriving at CCF last October. Fundamental measurements and DNA samples were obtained; each cub received a transponder for identification purposes. CCF remains committed to maintaining a healthy population of its orphan resident captive cheetahs and all individual cats were shown to be in great health.

## Nature Club visits CCF Center

During their annual weekend visit to CCF, nature club members from Paresis Secondary School in Otjiwarongo prepare for a game drive in the "Cheetah Bus" with CCF's Gephardt Nikanor. Learners enjoyed activities while learning about cheetahs and their ecosystems.



# Animal Planet Visits CCF Namibia

July-November 2003: CCF worked closely with producer Steve Gooder (far right) from the UK-based Granada Media, along with internationally known cameraman Gavin Thurston (far left) on a film about CCF for Animal Planet. The film features Peter Gros (second from left), special advisor and former co-host of Mutual of Omaha's "Wildlife Kingdom." Gros, a long-time friend of CCF, worked alongside staff for two weeks while filming the TV program. The film will be aired in January 2005.

# CCF Completes Latest Edition of the International Cheetah Studbook

Dr. Marker, CCF staff and Earthwatch volunteers provided data for the 12th edition of the International Cheetah Studbook, a comprehensive register of all known captive cheetahs in the world. The studbook provides information about existing captive cheetahs, births, deaths and transfers of cheetahs and allows zoos and other facilities to cooperatively manage and breed the captive cheetah population.

The captive cheetah population on 31 December 2002 was 1340 (695M.644F.1U)\* animals in 243 facilities in 52 countries. During 2002 there were 118 (71M.41F.6U)\* cubs born in 15 facilities and 122 deaths.

\*M=male, F=female, U=unknown gender



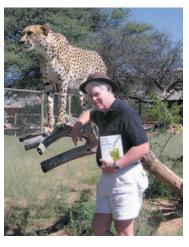
## Dr. Stephen O'Brien Provides Capacity Building and Education Outreach in Namibia

Dr. O'Brien, a world-renowned geneticist at the U.S. National Cancer Institute and CCF Science Board Member shared his scientific expertise with college staff and students, doctors, nurses, and pharmacists on HIV/Aids and conservation genetics during his stay at the CCF International Research and Education Center in Namibia. CCF worked with the University of Namibia in Windhoek, the Namibian HIV Clinicians Society, and the Otjiwarongo medical

community to schedule these timely seminars at various locations during Dr. O'Brien's visit.

Dr. O'Brien has contributed widely to the field of human and animal genetics, evolutionary biology, retrovirology, and species conservation. He has researched areas as diverse as the genome mapping of the cat to the discovery of CCR5-32, the first human gene shown to block infection by HIV among its carriers. His collaborative effort with CCF's Executive Director Dr. Marker goes back to 1982 when their research led to the discovery of the cheetah's limited gene make-up. Since then, Dr. O'Brien has been actively involved in CCF's international research activities.

The HIV/Aids epidemic is a tremendous problem in Africa. While the core mission of CCF is cheetah conservation, CCF recognizes its leadership role within the Namibian community and works to secure a better future for the Namibian people as well.



Dr. O'Brien has authored over 500 articles and is shown here with his recent release "Tears of the Cheetah" which explores the mysteries of survival among the Earth's most endangered wildlife.

# Genome Resource Bank

stablished in 1991, CCF's Genome Resource Bank (GRB) has continued to grow due to the dedicated work of Dr. Adrienne Crosier (Smithsonian Postdoc) and CCF staff. A GRB is a repository of carefully collected gametes (reproductive cells), embryos, blood products, tissue, and DNA for conservation studies. During 2003, cheetah sperm and tissue samples from 20 wild-caught cheetahs as well as 17 captive cheetahs and 5 lions from captive facilities in Namibia were added to CCF's GRB. In the first half of 2004, semen samples were collected from 24 cheetahs of which 14 samples were added to the GRB. CCF's GRB now contains over 122 sperm samples, representing cheetahs, lions, leopards and one sample from an aardwolf. Overall, the CCF-GRB has biomaterials from more than 650 cheetahs. The biomaterials stored in a GRB have a wide

### (Continued from page 3)

breeding program (although pregnancies are unlikely at such a young age).

On 7 December 2003, a litter of four cubs were born to the Namibian pair. All of the cubs were in great health. Peggy is a great mother, keeping constant watch on her cubs, demonstrating her protective nature whenever keepers come within close proximity to the cubs. The cubs were first handled at four weeks of age—she had given birth to three males and one female. This is the third litter born from the cheetahs given to the United States in 2001, and follows the October 2002 birth of Otji at the Cincinnati Zoo & Botanical Garden. In May 2003, another litter of cubs were born at White Oak. Since February 2004, three additional litters of cubs have been born at White Oak and the Cincinnati Zoo & Botanical Garden.

For more information on this story, visit CCF's Home Page on the web, **www.cheetah.org**.

range of uses for studying genetic variation, phylogeny, paternity, and the processes underlying diversity, such as gene-flow, selection, and mating. Other important uses of these biomaterials are related to practical health and survival issues. CCF's GRB also provides a reserve of disease-free gametes that provide insurance in the event that some local catastrophe severely reduces the cheetah population in Namibia. CCF scientists and colleagues will continue to add to the GRB as a means to further understand cheetah health issues and implement the most effective conservation strategies possible.

### News from NAMIBIA

### **CCF Sustainable Development Projects**

CCF and the Conservancy Association of Namibia (CANAM) Develop the Cheetah Country Beef Campaign

Farmers and predators CAN live and work together. A committed group of people are making it happen. Many of these are farmers. CCF wants to assist more farmers to live with and care for predators vital to the ecosystem. The Cheetah Country Beef Campaign, in consultation with Meatco (Namibia's largest meat distributor), provides a financial incentive for farmers to practice cheetah friendly livestock management. Participating farmers will be certified and monitored as 'cheetah or predator friendly' and paid a premium for their beef.



CHEETAH COUNTRY BEEF free-range predator friendly farming

Enlisting farmers to become partners in saving predators is vital. Namibia continues to have the world's largest number of free-ranging cheetah. Located in the heart of Namibia's farmland, CCF is taking a role in saving the cheetah while helping improve farmers' (our neighbors) lives and livelihood. For many, the ecological value of predators does not outweigh the economic loss that predators cause. The Cheetah Country Beef program plans to turn this around. Cheetah Country Beef will initially be marketed to restaurants and butcheries in the European Union (EU). Once consumers realize there is a way to contribute to cheetah survival by purchasing specialty beef, it is hoped the product's demand will grow. CCF envisions that one day all of Namibia's farmers will work together to save Namibia's animals and the environment they share.

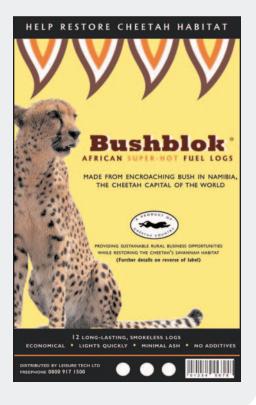
# CCF's Bushblok Project: Fuel Logs Help the Cheetahs' Cause!

A lthough Namibia has the world's largest population of cheetah, 95 percent live outside reserves and must survive on farmlands that, due to overgrazing practices and drought, have become infested with undesirable bush species. Since 70 percent of the Namibian population is involved in agriculture, bush encroachment poses a major livelihood threat to the Namibian farmers as well as to cheetah and other indigenous wildlife species.

CCF has initiated the Bushblok Project with funds received from the United States Agency for International Development (USAID). The Bushblok Project is designed to be both ecologically and economically viable and provide a business opportunity to process intruder bush and compact it into logs for fuel and heating use.

The Bushblok Project objectives are to enhance the long-term survival of the cheetah by restoring savannah grasslands, to supply Namibian and international markets with compacted fuel log products, to encourage industries to use intruder bush as a raw material, to employ, train and empower historically disadvantaged Namibians, to provide business opportunities, to provide business standards for harvesting, chipping, processing and packaging, and to provide an alternative to the over-exploitation of native Namibian trees for firewood.

We are delighted to report that the Bushblok Project is proceeding as planned. CCF's bush processing plant is currently producing logs and expects to ship them soon to markets in Europe, South Africa and Namibia. For further information on the Bushblok Project visit the News section of www.cheetah.org.





# A Tribute to Boots CCF's First Anatolian Shepherd

n January 1994, Boots, a five year old Anatolian shepherd, and three younger dogs, arrived in Namibia from the USA as the founding stock for CCF's Livestock Guarding Dog

Program. On 2 April this year, Boots, aged 15 years, died at CCF due to agerelated health problems. This story reflects an overview of Boots' life and 10 years of a phenomenally successful program which has helped save cheetahs and other predators, setting a Namibian model for non–lethal predator control for other countries around the world to follow.

When Boots arrived she was placed on our neighbor's, the Schneider-Waterberg's farm, with their sheep, on a trial basis. Poor Boots, having just come from a very tame goat farm in Virginia, USA, and being an adult dog already, did not adjust to her new flock of livestock or the Namibian veld. After having her radio-collared and then finding her on the road to Otjiwarongo, we soon realized that her value lay as a breeding animal. Due to the lack of an Anatolian breeding male, Boot's first litter was a mix breed, the male a local guarding dog. Although this litter of mongrels worked exceptionally well, we wanted Boots' next litter to be purebred. One of the pups from this first litter we got to know very well, Katie - Jimmy Simpson's dog. Katie died of cancer only last year, and even with her health problems, continued to go out with her flock right up until the end of her life.

In June, 1994, a second group of Anatolians arrived from the USA, bringing with them a couple of prospective breeding dogs for Boots. From these three, over the years, CCF's Livestock Guarding Dog numbers grew.

Flintis, Boots' first mate, placed |with Mr. Coetzee, became famous for protecting his flock successfully against baboons, almost at the cost of his own life. Cheetahs became the least of his worries and showed the diligence of this breed to protect their herd.

CCF's two Ambassador Anatolians were from this first litter of Boots and Flintis. The runt Koya remained at CCF as an educational Ambassador to introduce farmers and CCF visitors to the concept of Livestock Guarding Dogs. Koya is now 9 years old. When she was only 3 months old, a two week old orphan cheetah arrived at CCF's Centre, Chewbaaka, who became CCF's Ambassador Cheetah, and Koya's life's companion.

> CCF kept a second puppy from this first pure Anatolian litter-the largest female, Zanta, kept with CCF's growing demonstration goat herd and as a

breeding animal.

CCF's ambassador cheetah,

Chewbaaka, gives Boots,

a loving lick.

CCF's Anatolian matriarch,

We have learned so much about Anatolian Shepherds from Boots and her two daughters. We now have nine Anatolians! Over the years Boots produced four litters, totaling 47 puppies! From her, CCF has developed its Livestock Guarding Dog Program. Over 200 dogs have been placed with farmers throughout Namibia to protect livestock against predators and promote the concept of non-lethal predator control.

Who would have thought that one dog, Boots, would do so much to protect Namibian farmers' livestock.

Note: See Turkish Travels & Kangal Friends (page 9) to learn more about the origins of the Anatolian shepherd.

## **CCF WORLDWIDE**



UPDATE FROM IRAN: Laurie Attends the Asiatic Cheetah Workshop

Edited from an article by CCF Namibia Staff Member Bonnie Schumann:

While Namibia is the undisputed cheetah capital of the world, Iran is home to the last remaining free-ranging cheetah outside Africa, thought to number fewer than 100 individuals.

Laurie recently participated in an International Workshop on the Conservation of the Asiatic Cheetah and met with Iranian government officials, conservationists, Iranian camel herders and smallstock owners—all seeking solutions to the problems facing the Iranian farmers and the few remaining Asiatic cheetah.

The last half-century has seen a rapid decline of the world's last Asiatic cheetah, now extinct throughout the majority of their historic range. Final populations of the critically endangered Asiatic cheetah occur in fragmented territories on the outer ring of Iran's Kavir desert.

While the fear in Iran is that there are 'too few' cheetah left, there is hope that there are enough dedicated people to resolve the situation.

Laurie spoke of the many Namibian farmers who have figured out how to live peacefully with predators. Iranians have a long way to go, with very little time. Namibians have come a long way, but in both cases there is a lot to be done so that we all can live together.

# Cheetahs and Conservancies The Importance of Conservation

By Dr. Laurie Marker

Onservation is essential to all of us, not just conservationists and environmentalists. As stewards of the earth, we must ensure future generations still have the diversity of life we enjoy. Conservation of land, resources and animals is critical to sustainable economic development. Without it, land will no longer sustain life, resources will be depleted and animals die, with extreme economic implications. Without conservation, political situations become impossible. Government cannot function successfully without social and economic stability.

Conveying the value of conservation as key to the future is the conservationist's main goal. Yet how do we promote and manage conservation, as humankind grows exponentially with natural resources employed to satisfy basic human needs?

Balancing human and wildlife needs is difficult, especially as human needs are overestimated and wildlife needs hard to measure. Human needs are expected to grow, resulting in decreasing resources. Failure to meet basic human needs and recognize stewardship of people and natural resources can alienate conservation efforts, resulting in loss of suitable habitat for endangered species, conflicts with human interest, accelerated rate of extinction, and over-exploitation of natural resources. Critical issues include deciding which human uses are compatible with conservation and defining sustainable human needs.

One approach uses a surrogate species to indicate the status or health of existing ecosystems. The cheetah is an ideal species to direct and focus conservation efforts in Namibia and other parts of Africa. Cheetahs have large home ranges, once found throughout much of sub-Saharan Africa. Using cheetah as an umbrella species, much of the cheetah's range could be re-established, while meeting the needs of people and developing healthy ecosystems.

Most of Namibia's protected areas are in extremely arid habitats with little eco-

nomic value. The protected area network includes very few productive savannahs. Consequently, much of Namibia's biodiversity is found outside protected areas. In these areas, subsistence and commercial farming practices often result in conflict with natural resource management. Representative biodiversity and the persistence of species and ecological processes, as well as needs of local residents, are important for successful conservation. However, developing methods to address both human and wildlife needs presents a challenge. Integrating biodiversity conservation and social needs requires a systematic approach.

Conservancies have great potential for meeting the needs of people and wildlife. They join together broad units of people that develop management strategies sensitive to the farmland ecosystem and provide an alternative to managing game on an individual basis, while promoting conservation through sustainable utilization. The advantage of conservancy areas over fenced game farms is that as wildlife is freeranging, they can migrate out of an area if climatic or environmental conditions decrease habitat suitability. This management form promotes biodiversity, including cheetahs and other predators. Besides sustainable use, conservancies consider maintenance, rehabilitation, restoration, enhancement of ecosystems, and ecotourism.

In Namibia, it is exciting to see human needs met through development of conservancies, supporting mixed wildlife and livestock systems, promoting healthy ecosystems. This balance between human and wildlife, although difficult to determine and measure, is critical for survival of the cheetah and its habitat. Most countries where cheetahs were once found lack healthy ecosystems, with human needs unmet.

Namibia is a world leader in conservation. The conservancy movement is the driving force behind this success, thanks to the dedication of many non-government organizations (NGO's) such as WWF, NNF, IRDNC, RISE, CANAM, DRFN and NASCO. Working together, developing an understanding how conservancy areas and cheetahs can satisfy multiple needs through a new perspective on land management, strengthens conservation in Namibia and other countries. I have served as Chairperson for the Conservancy of Namibia (CANAM) for the past year and will continue into the next. One of CANAM's major goals is to practice a strong collaborative conservation programme, supporting education and economic issues, such as wildlife management planning, problem animals, joint hunting, joint ecotourism, and animal husbandry between commercial and communal conservancies. For Namibians conservation is a way of life that will support future generations.

## **Turkish Travels & Kangal Friends**

By Dr. Laurie Marker

The Anatolian shepherd is a breed of dog founded in the Kangal town of the Siva district of Turkey. Bred true to colour with a tan coat and distinctive black muzzle, it demonstrates generations of selective breeding intended to protect livestock of the high Anatolian Plateau against wolves and bears (hence the formidable size of the dogs, males growing up to 75kg). Nomadic herders migrate with flocks, sleeping out or in huts. The bond between herder, dog and flock, working against the elements and wolves and bears, shows that farming with livestock in the presence of predators is achievable.

In January, I visited Turkey to meet with Kangal (Anatolian) Livestock Guarding Dog breeders to learn more—arriving in the worst blizzard in 50 years! I was impressed by the hardiness of these dogs and the varied conditions around the world under which they work.

Turkey is a modern country, a cross between the east and west, "old world" and "new." Herders proudly showed me their dogs; people were excited to hear their dogs were doing so well in Namibia.

My excursions gave me tremendous insight into the dog's behaviors. They are kept on leads to create a more aggressive and protective dog. In my continued discussions, I gained a perspective on nutrition. In Namibia, the dogs' large size has become a problem from a nutrition point of view. Many local Namibian mongrel breeds are raised on maize meal, but the Kangal, with large, fast growing bones, does not do well on such a diet. Turkish Kangals are fed a diet of barley porridge, rich in protein and fat. I came away with a better understanding and appreciation for the breed and for the enthusiastic and passionate dog owners.



## CCF WORLDWIDE

# Kenva: Cheetah Conservation Fund - Kenya (CCFK)

In August 2003, CCFK piggy-backed onto Friends of Conservation's tourism-awareness campaign in the Maasai Mara - "The Great Cheetah Census." Tourists and local people submit photos for CCFK's database to help identify cheetahs. CCFK's Program Director Mary Wykstra claims this project, including a simple sighting survey, mailed to registered farmers, park officials and ranch representatives, will provide an estimate of sighting areas. As well, CCFK's "Snap a Cheetah" project is distributing 500 one-time use cameras into rural communities where cheetah sightings are reported. A third awareness campaign, "Cheetah Expressions 2004," is a creative arts competition for school children. Such campaigns help identify key issues and further habitat preservation. CCFK's network of collaborators and contacts have held two workshops on the planning of cooperative data collection and dissemination of information on the cheetah's plight. For further information on CCFK's programs, including the 2003 Year End Report, visit CCFK's page on CCF's website (under CCF Worldwide).

## Botswana: Cheetah Conservation -Botswana (CCB)

ast year CCB developed into a fully operational project under Rebecca Klein's direction. The first research camp was completed at Jwaneng Game Reserve thanks to the generosity of the Jwaneng Mine. They requested the Reserve's resident cheetah population be monitored, providing a camp for researchers and four transit stations for temporary holding of cheetah. In September, CCB moved into camp and has since caught and collared two groups of cheetah. CCB attends farmers' meetings and festivals to spread the word about the cheetah's plight and how to protect livestock to minimize conflict. They participated in the first workshop on predator problems on farmlands, attended by predator conservationists and members of the farming community. For further information, including about the Volunteer program, visit CCB's website: www.cheetahbotswana.com.

## Tunisia: CCF's Executive Director Attends Sahal Saharan Interest Meeting (SSIG)

r. Laurie Marker recently visited Tunisia to take part in the 5th Annual Meeting of the Northern African or Sahal Saharan Interest Group, with range country biologists and wildlife officials from Ethiopia, Morocco, Senegal and Tunisia. This group has been returning native antelope species to the region. Laurie was invited to include cheetah ecology in the project. Antelope have declined drastically in Saharan countries. Some still have cheetah populations, but they are critically endangered. A recent Niger survey revealed cheetah spoor; an Algerian one is planned for 2005 in which CCF will participate. Algeria, where cheetah survive, may prove an important area for the study of Northern African cheetah.

# **Coffee For The World Supports CCF** with New Coffee Label

As of May, coffee drinkers are able to support CCF by purchasing "Okuti Kawa". Coffee for the World's newest coffee label. Coffee for the World supplies exceptionally good quality coffee in stunning packaging, with donations (\$1.75 US) from the sale of each bag sale supporting the featured conservation organization. Coffee beans come from regions throughout the world, 100% premium Arabica, grown by farmers practicing environmentally and socially



responsible farming. Coffee for the World also supports projects for the Nile river, mountain gorillas, snow leopards, rhinos and tigers.

'Okuti Kawa' features cheetah images and a poem selected from a CCF writing contest. 'Okuti' is Otjiherero for 'savannah' or 'wild fields' (home of the cheetah!) and 'Kawa' (on every bag), a common African word for 'roasted coffee.'

'Okuti Kawa' and other bag labels that support conservation efforts can be bought online at www.coffeefortheworld.com.



## Windows on Wildlife Jewelry **Supports CCF**

visit www.windowsonwildlife.com/ccf 100% of net retail proceeds from this website goes directly to Cheetah Conservation Fund.





# USAID Sponsored Educational Courses

In January, CCF Namibia hosted a two-week International Applied Environmental Education course, welcoming 24 teachers and science professionals from 8 countries, including Namibia, Nigeria, USA, Peru and Nepal. Sponsored by Smithsonian Institution, CCF, Environmental Education and Conservation Global (EECG) and Wilderness Safaris, it focused on natural resource issues and applications to solving environmental problems. With presentations by Smithsonian Institution's Joan Haley and Dr. Rudy Rudran and EECG's Ed McCrea and James Massey, it was third in a series of six courses funded through USAID (US Agency for

Participants in the International Applied Environmental Education Course pose with Laurie Marker and Chewbaaka

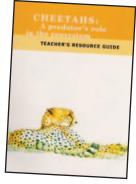
International Development). Topics of past courses include conservation biology and game capture. Additional courses are scheduled.

Earlier this year, the Smithsonian, CCF, Wilderness Safaris and Dr. Ulf Tubbesing of Windhoek conducted a two-week training course on game capture and translocation techniques, sponsored by USAID and held at Farm Okatumba and at the Harnas Lion Farm. Local instructors were joined by Dr. Carlos Sanchez and Dr. Rudy Rudran, with participants from eight countries. Topics included physiology, pharmacology, ethics and legislation and hands-on practical sessions.

### Updated Edition of CCF's "Teacher's Resource Guide: A Predator's Role in the Ecosystem"

An updated edition of CCF's "Teacher Resource Guide: A Predator's Role in the Ecosystem" is now being given to teachers throughout Namibia. The guide contains lessons and activities on cheetah biology, ecology, and conservation. By integrating mathematics, English, social sciences, history, art and physical education into the guide, teachers can optimize the learning experience for their students. Many thanks to Ron Gray, Jennifer Newlin Bell and numerous other contributors for

making this new edition possible, along with the Angel Fund that provided the funding for printing. See **www.cheetah.org/?nd=education** for a PDF printable version of the guide.



## Workbooks for Learners: "Meet the

"A Voice for the Cheetah"



n a joint venture between CCF and the Cincinnati Zoo & Botanical Garden, two activity guides, "Meet the Cheetah," and "A Voice for the Cheetah," were developed for lower and upper primary level students. Over 40,000 guides are being distributed to Namibian students in communities where CCF's staff provide educational instruction and to students participating in the Cincinnati Zoo's Cat Ambassador Program's school presentations. The guides are full of fun activities, puzzles, mazes, and word finds. In "A Voice for the Cheetah" there is a real life "superhero" comic strip titled "Working Together" that features CCF's Director Dr. Laurie Marker and CCF staff members accomplishing their work within the local communities. The activity guides are very popular with students in Namibia and in the U.S. and are providing a great way for children in Namibia and in the United States to learn about the importance of cheetahs in nature and how people and wildlife can co-exist. Printable versions are available on CCF's website at http://www.cheetah.org/?nd=education. The guides were generously funded by the Peterloon Foundation, Ashland, Inc., Gannett Foundation, and The Angel Fund.

### **USA CHAPTER NEWS**

# Dr. Laurie Marker On Tour: September 2003 through May 2004 and Upcoming Fall 2004



Cincinnati's cheetah ambassador, Sahara, and Anatolian shepherd, Alexa, join with the CCF's Chapter Heads and supporters in May to help plan CCF's bright new future as CCF moves its U.S. headquarters to Cincinnati, Ohio.

aurie Marker's North American Fall Tour, September 5-October 30, 2003, was filled with great events, productive meetings and conferences. Dr. Marker participated in AZA's annual Conference (Columbus, Ohio), and then flew to Durban, South Africa for the IUCN World Parks Conference. CCF is one of the founding members of the Human Wildlife Conflict Task Force. CCF's Washington, D.C. Chapter, with Chapter Head Kay Drucker and her indefatigable team, welcomed Laurie back to the USA with an afternoon event featuring Cathryn Hilker (Cincinnati Zoo's Angel Fund Director and Founder of the Cat Ambassador Program) with Cheetah Ambassador Sahara and Anatolian Ambassador Alexa.

After meetings in Cincinnati, Laurie later flew to New England where she gave several talks arranged by New England Chapter Head, **Stella Capoccia** (now in Montana/CCF's new Head), including events at Laurie's 2003 tour helped raise enough funds to help CCF through the year, and it's time again to make 2004 just as successful!

Worcester Polytechnic/Clark University, Tufts Wildlife Veterinary School and a super event co-sponsored with Zoo New England/Franklin Park Zoo. Laurie was one of the keynote speakers at the annual AAZK (American Association of Zoo Keepers) Conference in Cleveland, Ohio. She then traveled to Calgary, Alberta, Canada to accept the Chevron-Texaco Conservationist of the Year award! CCF Chapter Head Claudia Whitehead and CCF supporters welcomed her in Arizona, with events at the University of Arizona campus in Tucson and Phoenix Zoo. Northern California supporters welcomed her with a special Chapter Event, followed by a successful Southern California event in Irvine arranged by CCF supporters John and Kellie Lehr. Laurie then flew to the Bay Area for Wildlife

Conservation Network's annual 'Expo' in Los Altos, followed by a fast journey to Safari West! She then continued her journey to Seattle where CCF supporters Carol and Bruce Hosford generously sponsored a BIG CAT: BIG PARTY. There was also a great event at Woodland Park Zoo, arranged by Chapter Head Susanne Garrison and other supporters. In nearby Portland, Oregon Chapter Head Teresa **Delaney** and her team once again came through with a magnificent event at the Oregon Zoo (the original BIG CAT: BIG PARTY!), as well as other related events with good media coverage. A CCF Board meeting up in Bozeman, Montana; and finally, in the great state of Arkansas, CCF's incredible Art Expert, Suzy Greenberg helped organize Laurie's attendance/presentation at a Film Festival in Hot Springs (Panthera Productions' "Cats in Crisis" was shown), with an evening sponsored by CCF supporter/artist **D. Arthur** Wilson's gallery; and finally, a presentation arranged by Little Rock Zoo.

What can this tour organizer say, except that our leader is unflappableshe never missed a flight or a gig! I can certainly add that Laurie and all of us at CCF want to thank **ALL of YOU** who made this Tour such a GREAT SUC-CESS—it helped raise enough funds to help CCF through the year—and guess what, it's that time again. Let's make the Fall Tour 2004 just as successful! PS: A note about Kids4Cheetahs: all through the tour **KIDS** were featured as well as our Youth Ambassador, **Brittany Bostick**, who attended the Arkansas events!

# February 2004: Oregon & Northern California

Laurie once again took to the skies and roads...with successful fund raisers arranged by Oregon's Chapter Head **Teresa Delaney** and the NEW Northern California Chapter Heads, **Terri Jones** and **Steve Flaherty**.

Oregon highlights: Laurie visited Wildlife Safari (Winston), where her work began in the 1970's, and where two of CCF's former interns, **Becca McCloskey** and **Samantha Ratti**, now work. Portland's Audubon Society invited Laurie to talk about the Anatolian Livestock Guarding Dog Program. **Steve Robertson** announced a 2005 Kenya Audubon tour to benefit CCF Laurie met with Oregon Zoo Director **Tony Vecchio** to discuss a fall 2004 Zoo Exhibit profiling Oregonians doing top conservation work. **Ron Gray**, a science teacher at Waldo Middle School in Salem, spent last summer in Namibia, helping to develop a teaching curriculum for CCF and editing the Teachers Guide. Laurie spoke at his school to a large group of 8th graders, sharing her experiences as a biologist, and suggesting numerous ways children can help CCF save the cheetah.

Northern California Highlights: This special event featured a beautiful sunny day at Hakone Gardens, the largest privately owned Japanese gardens in the Western Hemisphere. Cheetah Ambassadors **Kgosi** and **Kamau** from Leopards Etc were natural stars. Guests strolled through the beautiful gardens, browsed amongst original wildlife art, shopped for unique African and cheetah-inspired gifts, and made bids on items in the silent auction.

# CCF and Dr. Marker USA Fall Tour: September 7-October 18

For a complete list of CCF events, please visit www.cheetah.org or contact leona@cheetah.org.

**Sept 8-12** Keynote Talk, Philadelphia, Pennsylvania: AZAD (Association of Zoo and Aquarium Docents) Conference (AZAD Members Only)

**Sep 18-23** New Orleans: AZA (American Zoo and Aquarium Association) Conference (AZA Members Only)

**Sept 30** Washington DC Chapter Event (*Invitation Only - Limited Space*)

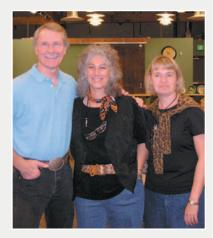
Oct 2-3 Northern California Chapter Events (TBD)

**Oct 9** Portland Oregon Central Library Reception/Talk: "The Role Children Can Play in Saving a Species"

**Oct 10** Portland, Oregon, Chapter Event (*Reception and Dinner with special guest, Peter Gros, Co-Host of Mutual of Omaha's Wild Kingdom*)

Oct 13 Santa Rosa, California: Safari West

**Oct 15-17** Los Altos, Northern California: Wildlife Conservation Network Expo



Former Oregon Governor, Dr. John Kitzhaber, lends his support to old friends, CCF's Dr. Laurie Marker, and Portland CCF Chapter Head, Teresa Delaney, in their Oregon fundraising efforts.

# May 2004: Kentucky & Ohio... and England!!

ay featured a Blue Grass Country Tour for Laurie, starting with a keynote talk at AZA's Eastern Regional Conference in Louisville, followed by a day event in Lexington arranged by CCF's new Kentucky Chapter Head Allison Rogers, with the support of Kentucky Representative/Congressman Hal Rogers, featuring Cincinnati Zoo & Botanical Garden's Cheetah and Anatolian Ambassadors Sahara and Alexa (many thanks to Elissa Knights and team!). Then onto Cincinnati where for the first time, the majority of CCF's Chapter Heads, U.S. and CCF Canada representatives, gathered together with the new team at Cincinnati Zoo & Botanical Garden to help plan CCF's bright new future. A very good time was had by all, topped off by an extraordinary evening featuring Sahara and Alexa (see photo page 12) at Carl and Cathryn Hilker's residence, cheered on by a most enthusiastic group of cheetah and dog lovers!

In England, CCF UK Trustees and Friends of Conservation UK, partners with CCF UK, arranged several events to introduce Laurie and CCF's work to the public, starting with a talk at Radley College in Abingdon, followed by a speech at Oxford's Dragon School, and a special dinner at Lady Margaret Hall (Laurie's college at Oxford University) where she received her Ph.D. in May. Laurie also spoke at the Heritage Theatre on Saville Row. We hope to repeat this UK visit by Laurie next year in early May, with an expanded itinerary.

## **CCF MEMBERSHIP/ADOPTION**

## 2004's Gala Celebration of Speed and Elegance for the Cheetah Conservation Fund

The sixth annual gala dinner and auction, Reflections, A Celebration of Speed and Elegance, in support of the Cheetah Conservation Fund's was held at the Windhoek Country Club on 24 July 2004. Over 410 people attended the dinner which included individuals from the business, conservation and government sectors.

The Rector of the Polytechnic of Namibia, Dr. T. Tjivikua, gave the keynote speech about the place of conservation and the Cheetah Conservation Fund in Vision 2030.

Dr. Laurie Marker reviewed the accomplishments of CCF and presented the year's conservation awards. The 2004 Cheetah Conservationist of the Year Award was presented to Ann van Dyke, who established the De Wildt Cheetah Breeding Centre. The 2004 Cheetah Conservationist Farmer of the Year Award was presented to two outstanding farmers from the commercial and communal farming community, Dr. Arthur Bagot-Smith and Mr. Dawid Guibeb. The 2004 Cheetah Conservation Educators Award was

presented to Mr. L. Swartz

a teacher from the Rogate Primary School in Otjiwarongo.

Ann van Dyke, Founder and

Director of the DeWildt Cheetah Breeding Center, was given the Cheetah Conservationist of the Year award for 2004 for her life time dedication working for cheetah survival.



# JOIN TODAY!

### **CCF'S NEW MEMBERSHIP PROGRAM**

### The Importance of Membership

How do you place a monetary value on the importance of saving an entire species of wild animals from extinction? You cannot, and nobody else can either.

What you can do is join with other people around the world who believe as you do. Together, you join in a loud and single voice to spread the word that species conservation can be accomplished if enough people who care, care enough to get behind it.

"We Can Live Together" is CCF's motto. It embraces the core concept of successful cooperation between humans and predators. CCF is taking this positive message to a world audience to help save the cheetah—with ramification for other predators worldwide.

Join Dr. Laurie Marker and her team to help save the wild cheetah. Your help is needed in order to ensure the on-going work of CCF. Now, for the first time ever, Charter Memberships in the organization have been authorized by its Board of Directors. Please consider joining today. Your tax deductible membership dues will help Dr. Laurie Marker and CCF continue their efforts to save the wild cheetah from extinction.

### To become a member of CCF, see tear-out brochure in this issue, or visit www.cheetah.org.

## Want to do More?

### **Check out the Cheetah Adoption Program**

When you adopt a cheetah through this program you receive: a CCF adoption certificate, a color photograph of the same classification of wild cheetah you "adopt" and a large CCF sticker. Your valued donation (in the form of "adoption"), is not tied to a specific animal but is used entirely for the care and protection of all the cheetahs we work for in Africa and elsewhere.

### **Adoption categories:**

- Adopt an Anatolian Guard Dog to Save the Cheetahs \$500.00
- Rescue a Cheetah Trapped by a Rancher \$350.00
- Adopt Group of Six Cubs \$270.00
- Adopt Female with Three Cubs \$180.00
- Adopt Female with Two Cubs \$135.00
- Adopt Female with One Cub \$90.00
- Adopt Cheetah Pair \$90.00
- Adopt Single Adult \$45.00
- Adopt Single Cub \$45.00



You can Adopt online at www.cheetah.org

# CCF USA HQ Moves from California to Ohio

The Cheetah Conservation Fund, The WILD Foundation and the Cincinnati Zoo & Botanical Garden are pleased to announce CCF's USA headquarters' move to the Cincinnati area as of July 1st, 2004. This move positions CCF for an exciting new stage of growth. A great deal of effort by all members of CCF USA's team is ensuring a seamless transfer of responsibilities from the Ojai, Southern California office to the new base on the grounds of the Cincinnati Zoo & Botanical Garden. CCF USA's new Program Manager is Penny Jarrett, with Leona Graham of CCF Outreach (operating out of the UK), maintaining her position as CCF's webweaver and Tours Manager.

CCF's Executive Director Dr. Laurie Marker comments, "This is a natural next step for CCF—a partnership that will work well for our mission. I look forward to working closely with the board of directors, volunteers and supporters to make CCF's mission even more successful."

Vance Martin, President of CCF USA and The WILD Foundation, is enthusiastic: "WILD has been a partner with CCF since 'before the beginning'. It has been a tremendous pleasure to help build CCF into an internationally recognized leader in large carnivore conservation. We are very excited by this new potential for CCF. WILD intends to stay fully engaged on CCF's board of directors in working to assure the future of the wild cheetah."

Gregg Hudson, President and CEO of the Cincinnati Zoo & Botanical Garden, and a member of CCF USA's Board of Directors, is deeply involved in this important transition. "The Cincinnati Zoo has a long tradition of supporting Laurie and CCF. We are pleased to play a role in helping define their future. This is a great example of how innovative partnerships can lead to effective worldwide conservation."

Cathryn Hilker, founder of the Cat Ambassador Program and the Angel Fund at the Cincinnati Zoo & Botanical Garden is pleased that the Zoo has so firmly embraced the mission of CCF. "My husband and I were involved with the first land purchase which gave CCF a permanent home. We are thrilled the commitment will continue."

As part of this move, in May of this year, a grand gathering of CCF Volunteer Chapter Heads and top supporters was held and sponsored by the Cincinnati Zoo & Botanical Garden. For more information, please visit CCF's Website News page.

As of July 1, 2004, please direct CCF USA communications to: Penny Jarrett, Program Manager, P.O. Box 198072, Cincinnati, Ohio 45219-8072; Tel: (513) 487-3399; Fax: (513) 487-3398. Email: info@cheetah.org; penny.jarrett@cheetah.org. For Outreach matters, leona@cheetah.org and outreach@cheetah.org.

### The Cheetah Conservation Fund would like to thank the following people and organizations for their generous support

Foster Davis Foundation

Kenneth & Gabrielle Adelman & the Community Foundation/Silicon Valley The Cincinnati Zoo & Botanical Garden (CZBG) The Angel Fund - CZBG Siegfriedth !Aebeb John van Allen Ester & Jacob Ansel Susan & Arthur Babson **Bay Foundation** David & Jennifer Newlin Bell Baobab Fund & Sheri Berman & Gideon Rose Dean Blanchard Jelle Boersma Brittany, Brenda & Rick Bostick Andrea Boyarsky-Maisel Mark & Stacie Buchanan Robert Burke & Nuveen Investments Stella Capoccia & the New England CCF Chapter Cheetah Outreach Chevron Texaco Greater Cleveland AAZK Susanne Garrison Clise The Columbus Foundation & **Roberts Family Fund** Commonwealth Zoological Corporation Isabella Corbin Cotswold Foundation Dr. Adrienne Crosier Darier Hentsch & Cie **Davton Foundation &** Mid-Continent Engineering Teresa, Steve & Mike Delaney & the Oregon CCF Chapter Amy Dickman Lynn & Ed Dolnick The Dragon School, Oxford, England Max & Victoria Dreyfus Foundation Kay Drucker, Heather Kaye-Jacobs & the Washington DC Area CCF Chapter Earthwatch Institute & All Earthwatch Volunteers to CCF Namibia Robert Elder **Richard Elen** Michael Ezell & www.usmhosting.com Stephen Flaherty

Franke Family Charitable Foundation Friedman French Foundation Friends of Conservation UK: Jonathan Hodrien (President) & Nathalie Nickson Judy Gabey Annie & Robert Graham & the Tapeats Fund Ron Grav The Green Trust Suzy & Bobby Greenberg Peter Gros Robert & Candice Haas Butch Haft Helen Andrews Foundation Christine Hemrick Carl & Cathryn Hilker Hogle Zoo, Utah & the Utah Zoological Society Lady Mary Holmes Karen Holloway Carol & Bruce Hosford Gregg Hudson International Cheetah **Conservation Foundation** David, Terri & Oliver Jones Carl & Kristin Kalnow The Kay Richard & Elizabeth Bates Flynt Foundation Alexa L. Kirk Alexandra Von Knorring **Charles Knowles** Debra Laroe Gary Lee Sandy Lerner John & Kellie Lehr & Ingwe, LLC Leslie Fund, Inc Nisha Ligon Kathleen McKeany Chrisman Fund Donald & Jessica MacManus Andv Martin & Team at www.DigitalCheetah.com Midway ISD Student Activity Fund Dan Miklovic & the Gartner Charity Fund Dr. William and Pat Miller **Moore Family Foundation** Cordelia Moore **Relly Morgenstern** Rodney & Tanaya Neff

The Nature Conservancy Northern California CCF Chapter Dr. Stephen O'Brien William & Kathy Paul Audrey Pickup Suzanna Psenicnik Bret Raymond & Coffee for the World Toni Richmond Susan Rinehart Congressman Hal Rogers & Allison Rogers Bengt Ronnberg Brad Ryan Andrew Sabin Safari West Savannah Fritz LLC Scott Schultz Sidney Byers Trust & P. Nelson Colleen & Jay Sorenson Andrew Stein Sureclick Promotion & Jason Abernathy Patricia Tricorache The Rose Valpiani Trust Vanguard Public Foundation/Anne Mize Fund Cissy Walker Judith Walls Angela Weisskopf Claudia Whitehead & the Arizona CCF Chapter Wildlife Conservation Network & Stacey Iverson Arthur Wilson Studio The WILD Foundation: Vance Martin (President), Valerie Purvis, Paddy Rees & Rita DePuydt

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CCF UK Board of Trustees: Peter Stewart, Andrew Mitchell, Alan Lester & Nick Lindsay CCF USA Board of Directors & CCF USA Program Manager Shelley Harrison



A Tribute to Boots CCF's first Anatolian Shepherd

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